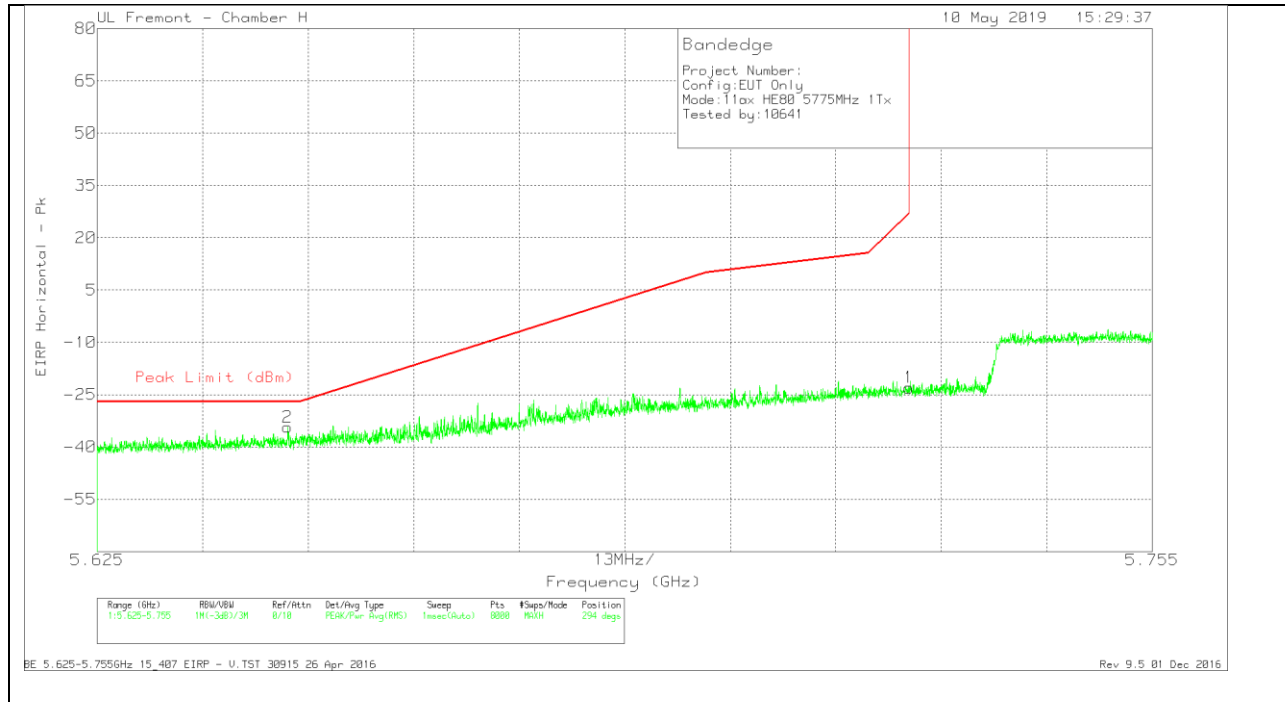
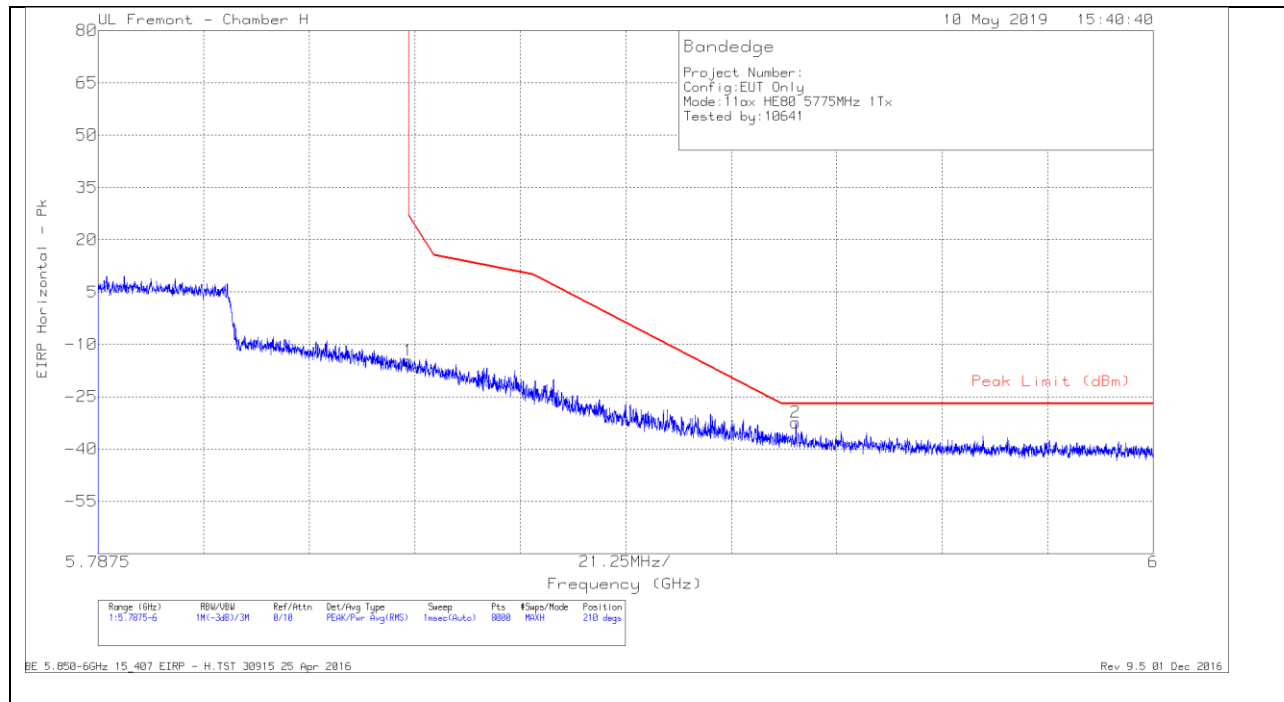


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.648           | -60.45              | Pk  | 34.9           | -20.6                   | 11.8                   | -34.35                 | -27              | -7.35          | 294            | 208         | V        |
| 1      | 5.725           | -49.21              | Pk  | 35.1           | -20.7                   | 11.8                   | -23.01                 | 27               | -50.01         | 294            | 208         | V        |

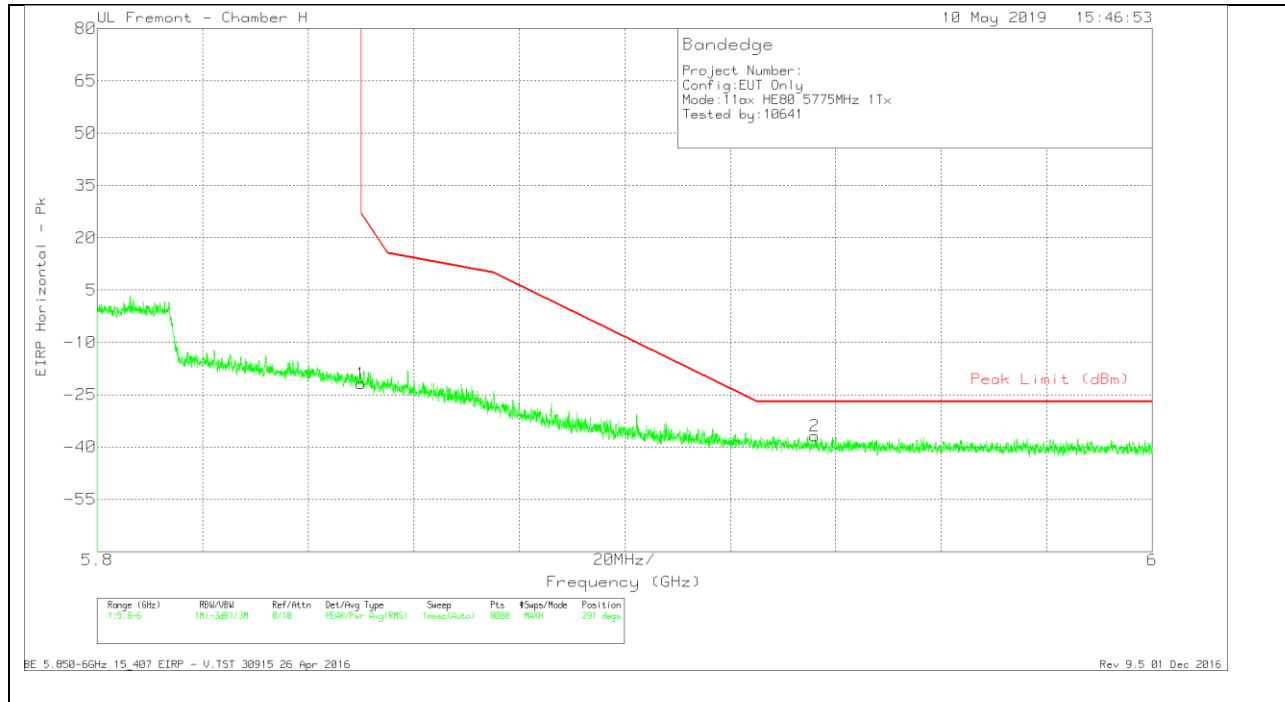
Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -41.58              | Pk  | 35.5           | -20.4                   | 11.8                   | -14.68                 | 26.98            | -41.66         | 210            | 113         | H        |
| 2      | 5.928           | -59.68              | Pk  | 35.6           | -20.1                   | 11.8                   | -32.38                 | -27              | -5.38          | 210            | 113         | H        |

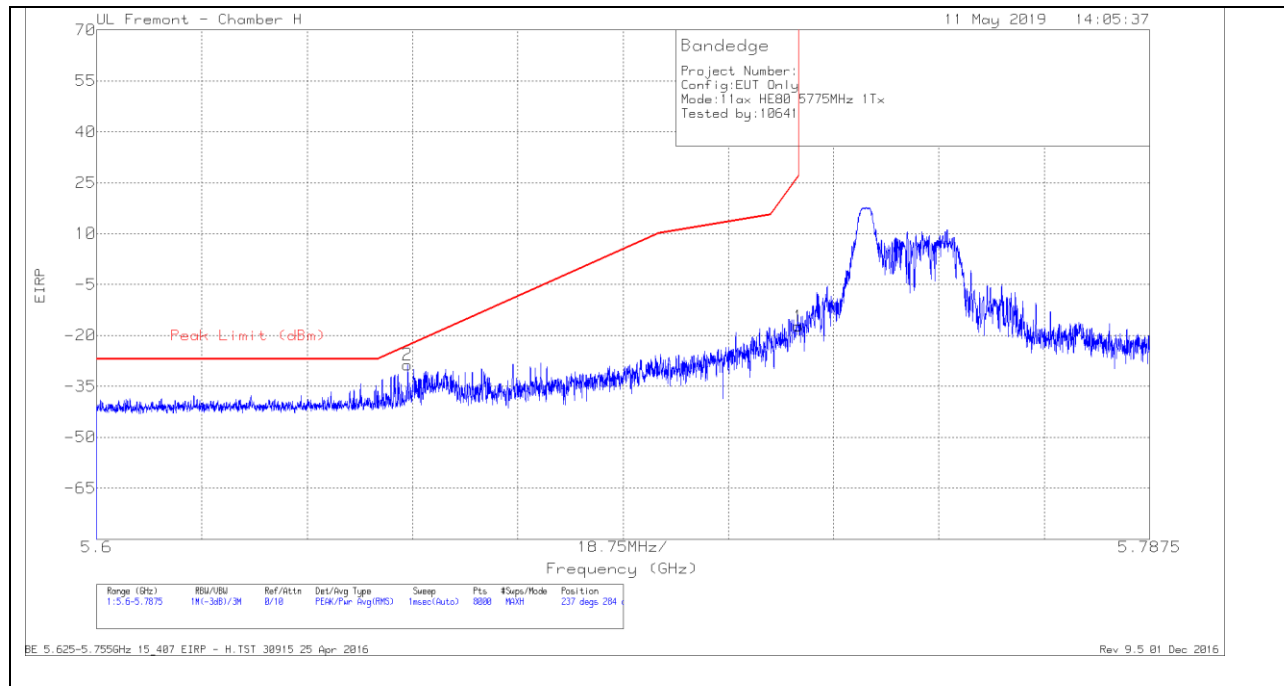
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Fitr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -48.75              | Pk  | 35.5           | -20.4                  | 11.8                   | -21.85                 | 26.99            | -48.84         | 291            | 106         | V        |
| 2      | 5.936           | -63.95              | Pk  | 35.5           | -20.2                  | 11.8                   | -36.85                 | -27              | -9.85          | 291            | 106         | V        |

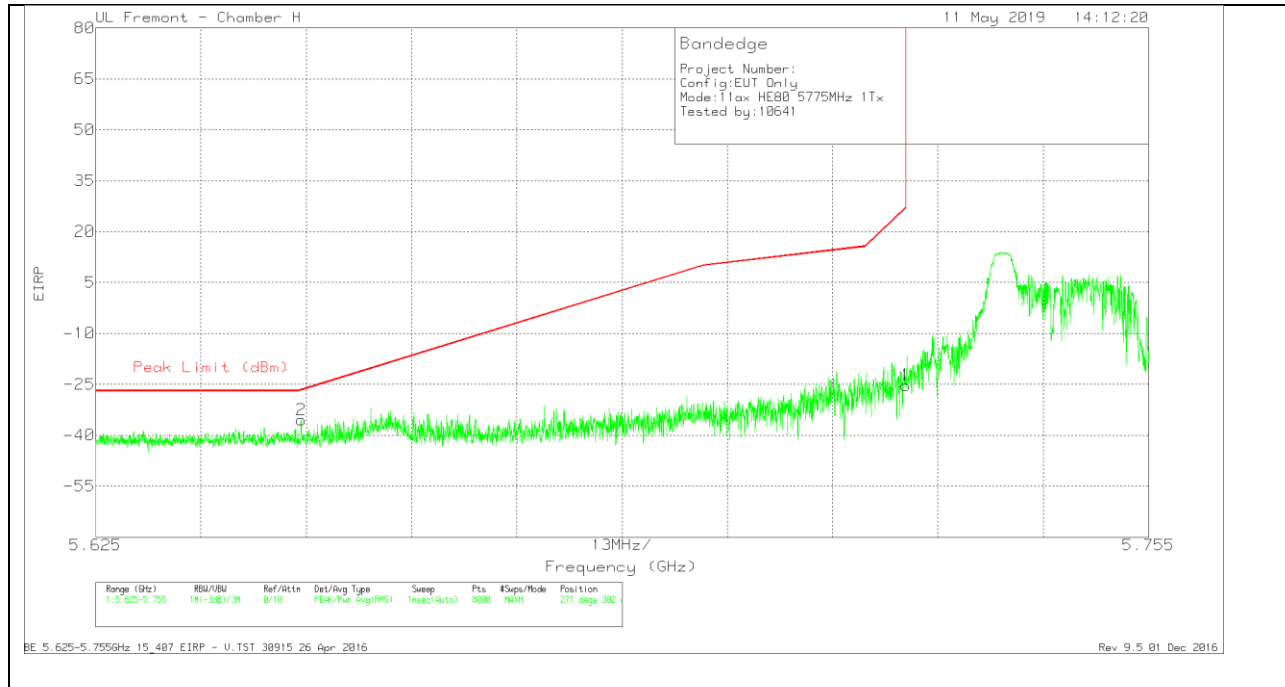
Pk - Peak detector

**1TX Antenna 4 MODE – 26 Tones, RU Index 0****BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.655           | -54.8               | Pk  | 34.9           | -20.5                   | 11.8                   | -28.6                  | -23.01           | -5.59          | 237            | 284         | H        |
| 1      | 5.725           | -43.5               | Pk  | 35.1           | -20.7                   | 11.8                   | -17.3                  | 26.96            | -44.26         | 237            | 284         | H        |

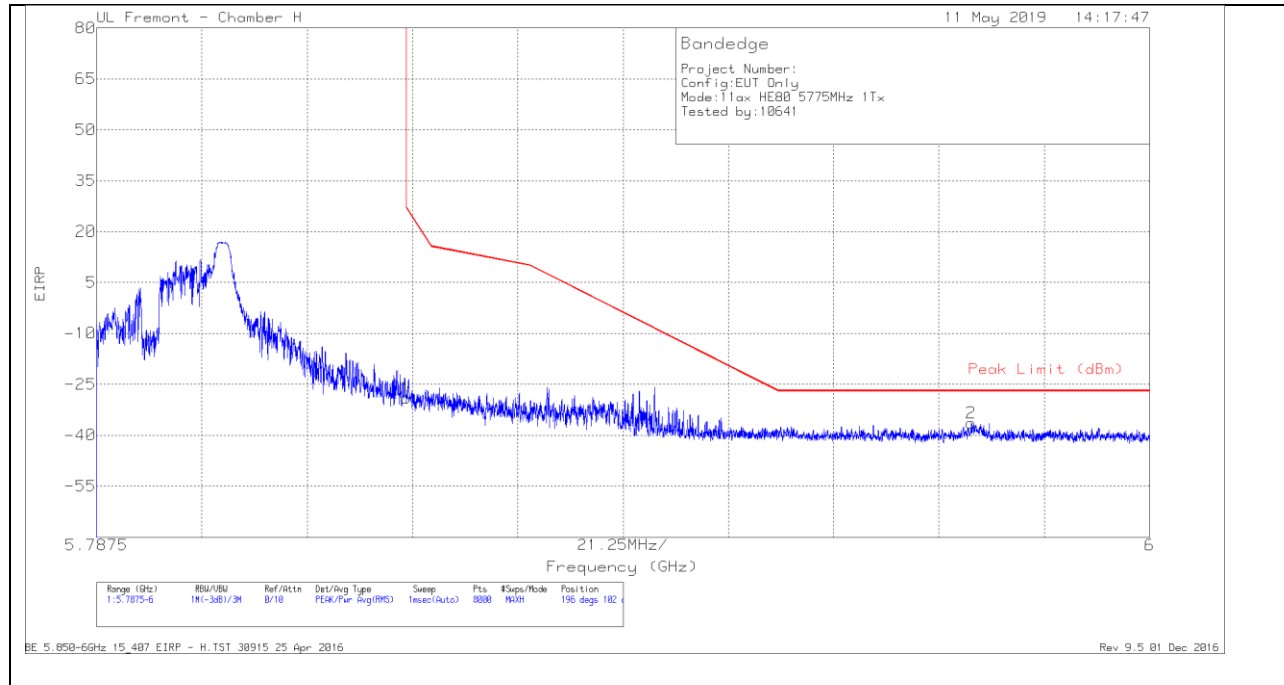
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.65            | -61.63              | Pk  | 34.9           | -20.6                   | 11.8                   | -35.53                 | -26.73           | -8.8           | 271            | 302         | V        |
| 1      | 5.725           | -51.43              | Pk  | 35.1           | -20.7                   | 11.8                   | -25.23                 | 27               | -52.23         | 271            | 302         | V        |

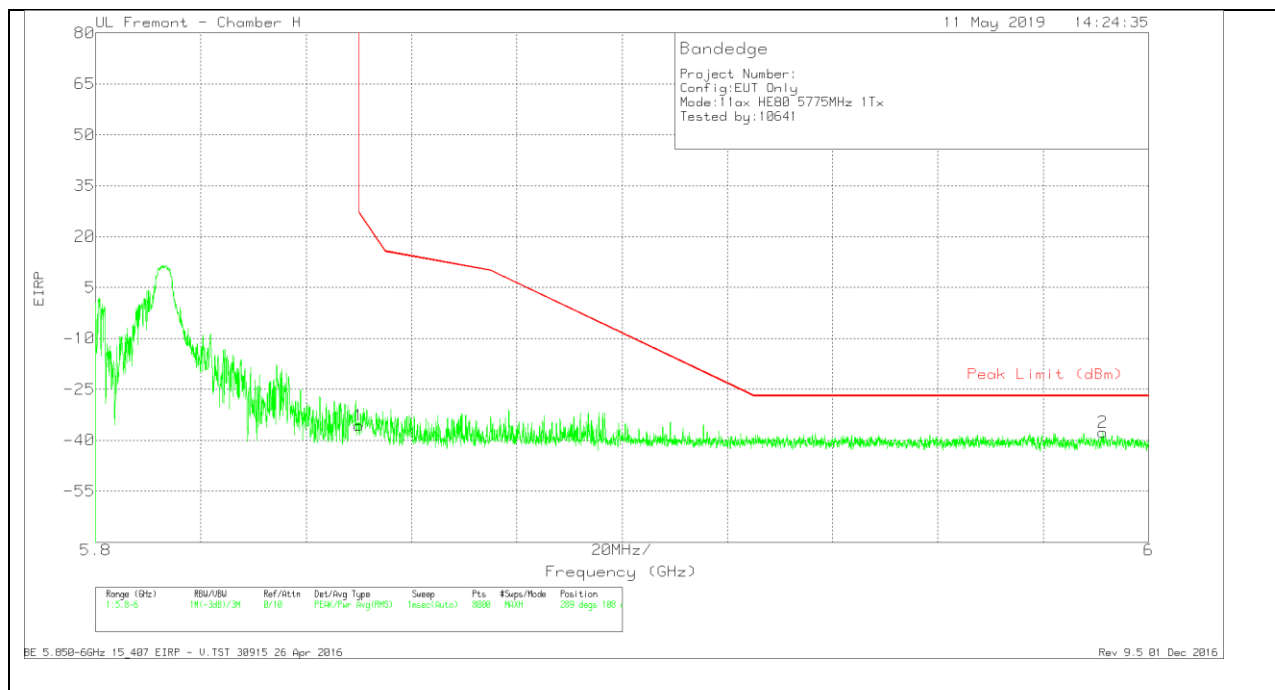
Pk - Peak detector

**1TX Antenna 4 MODE – 26 Tones, RU Index 36****BANDEDGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -55.93              | Pk  | 35.5           | -20.4                   | 11.8                   | -29.03                 | 26.98            | -56.01         | 196            | 102         | H        |
| 2      | 5.964           | -63.74              | Pk  | 35.6           | -20.1                   | 11.8                   | -36.44                 | -27              | -9.44          | 196            | 102         | H        |

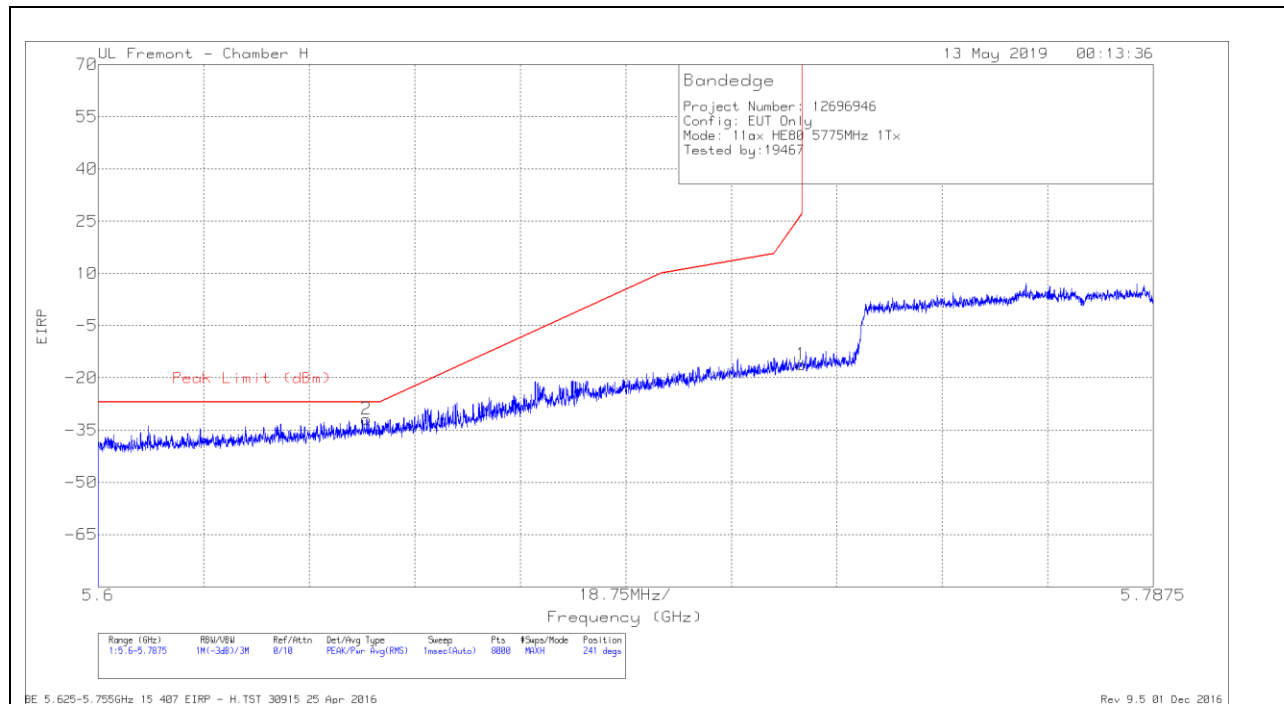
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -62.53              | Pk  | 35.5           | -20.4                   | 11.8                   | -35.63                 | 26.99            | -62.62         | 289            | 108         | V        |
| 2      | 5.991           | -65.34              | Pk  | 35.6           | -19.8                   | 11.8                   | -37.74                 | -27              | -10.74         | 289            | 108         | V        |

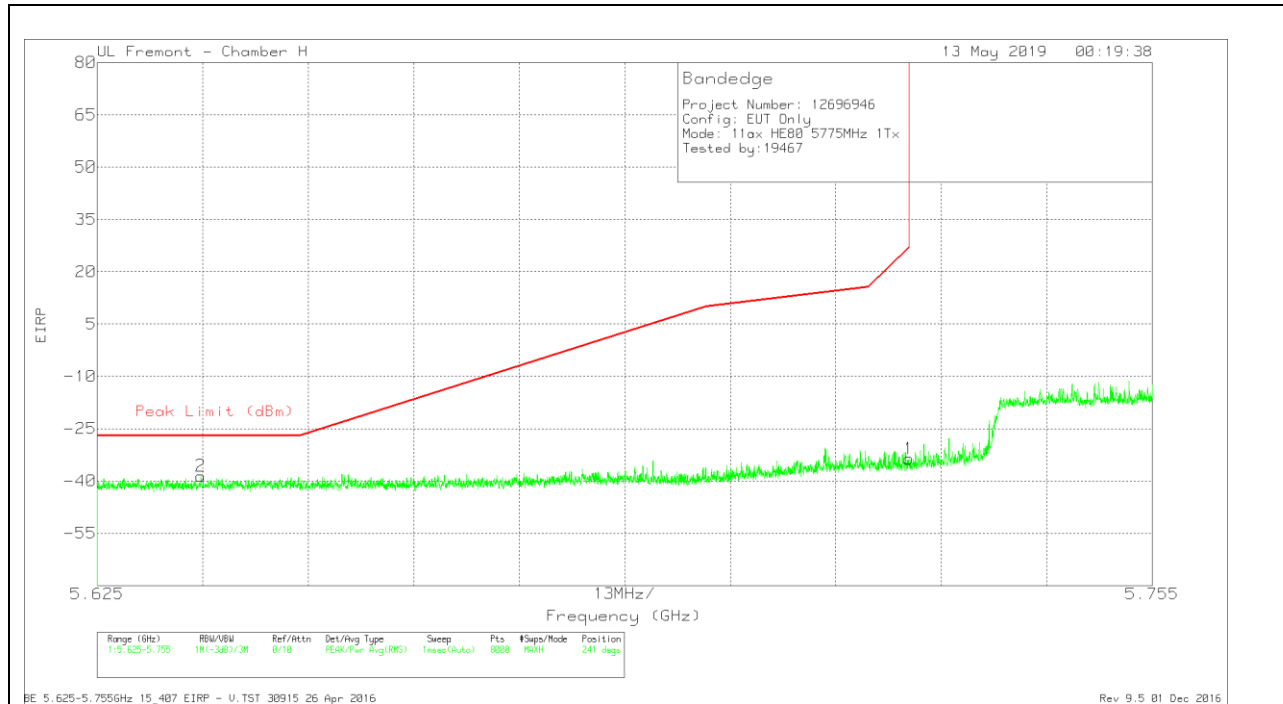
Pk - Peak detector

**1TX Antenna 5 MODE – 996 Tones, RU Index 67****BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

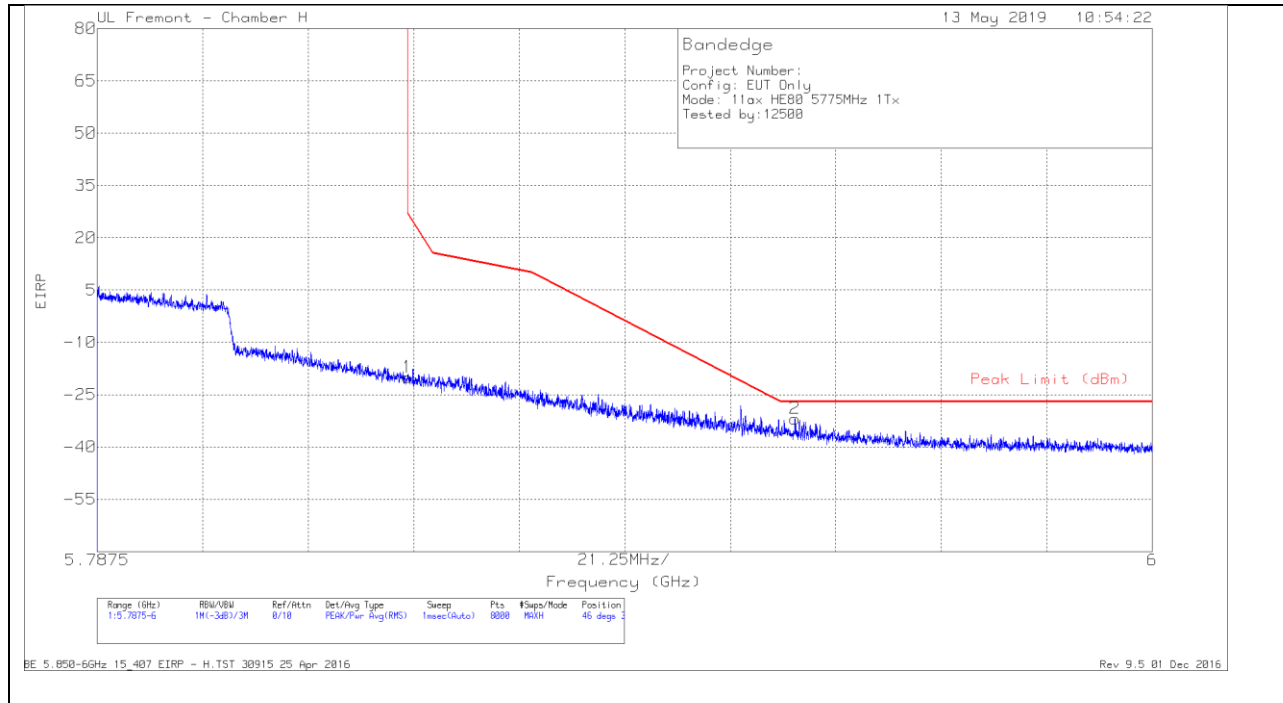
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.648           | -57.92              | Pk  | 34.9           | -20.6                   | 11.8                   | -31.82                 | -27              | -4.82          | 241            | 206         | H        |
| 1      | 5.725           | -42.28              | Pk  | 35.1           | -20.7                   | 11.8                   | -16.08                 | 26.96            | -43.04         | 241            | 206         | H        |

Pk - Peak detector

## VERTICAL RESULT



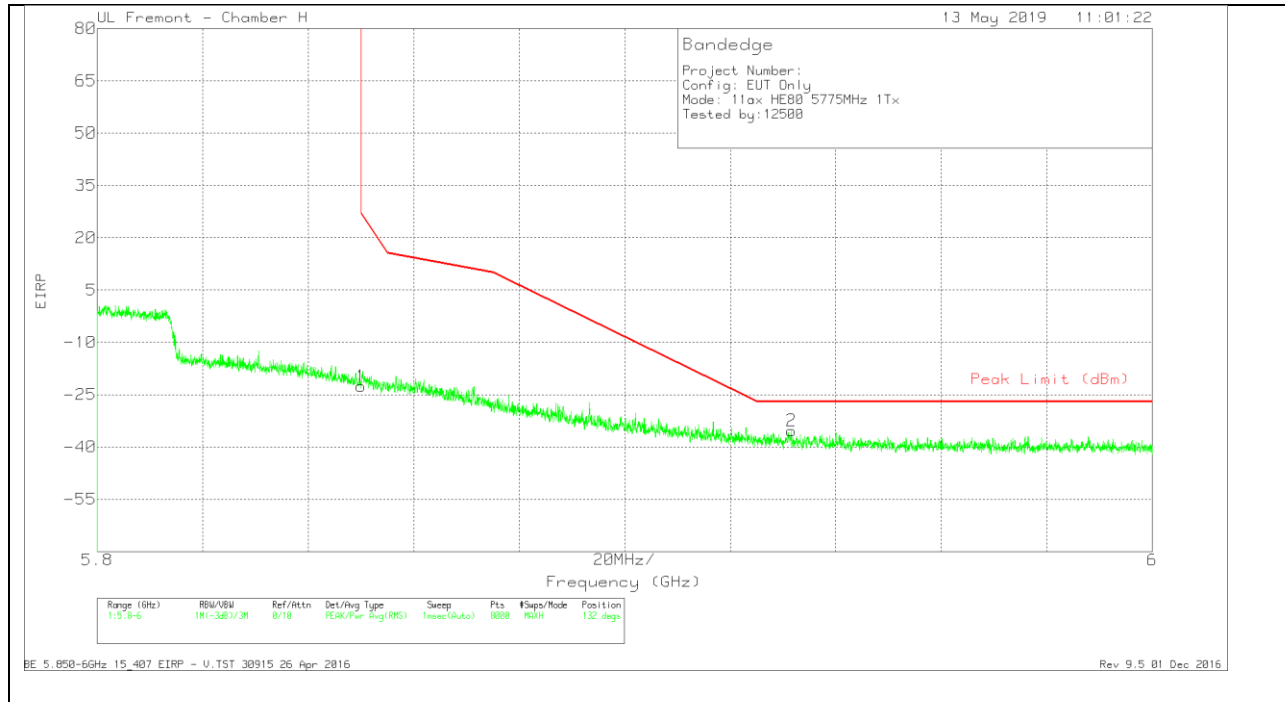
Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -46.87              | Pk  | 35.5           | -20.4                   | 11.8                   | -19.97                 | 26.98            | -46.95         | 46             | 374         | H        |
| 2      | 5.928           | -59.18              | Pk  | 35.6           | -20.1                   | 11.8                   | -31.88                 | -27              | -4.88          | 46             | 374         | H        |

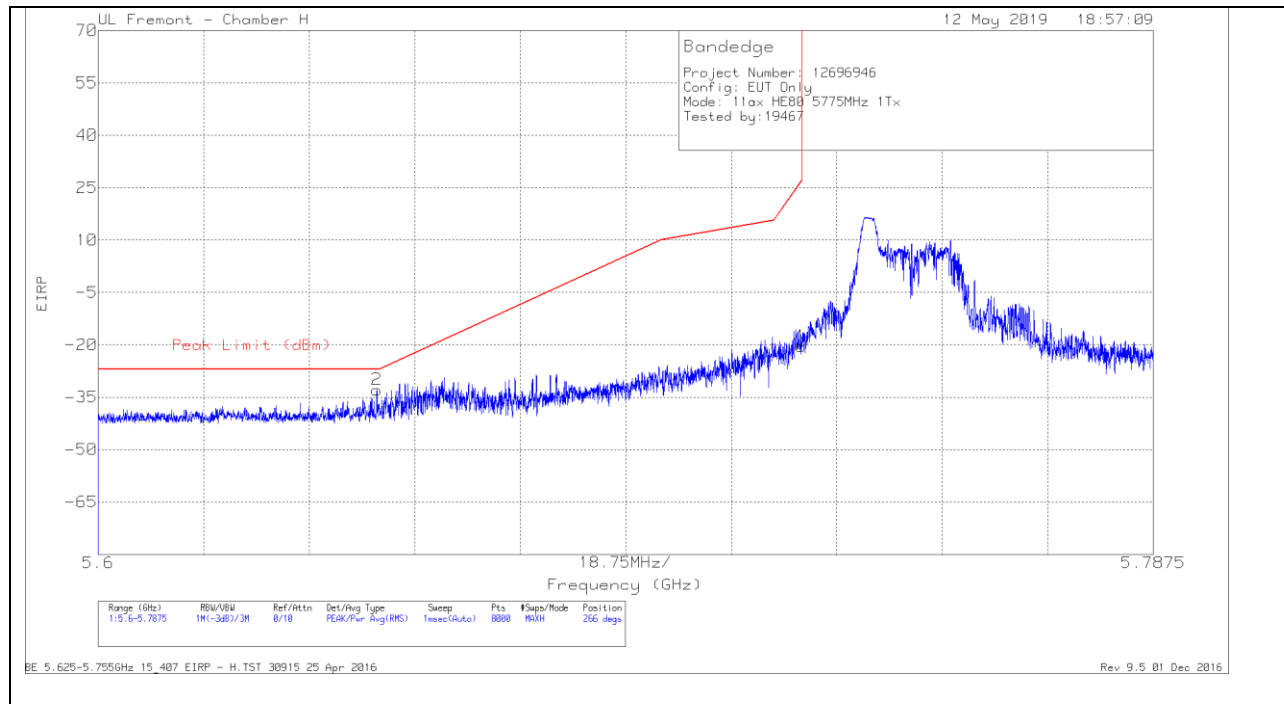
Pk - Peak detector

## VERTICAL RESULT



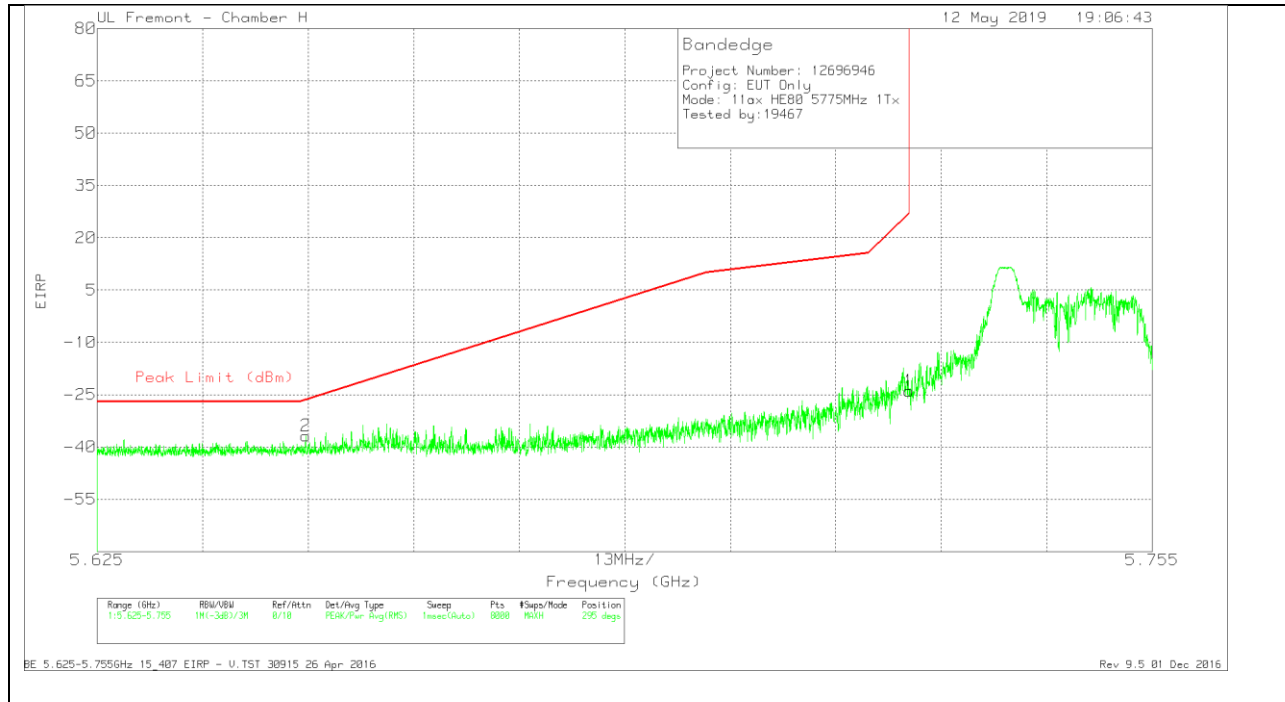
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -49.5               | Pk  | 35.5           | -20.4                   | 11.8                   | -22.6                  | 26.99            | -49.59         | 132            | 165         | V        |
| 2      | 5.932           | -62.56              | Pk  | 35.6           | -20.2                   | 11.8                   | -35.36                 | -27              | -8.36          | 132            | 165         | V        |

Pk - Peak detector

**1TX Antenna 5 MODE – 26 Tones, RU Index 0****BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

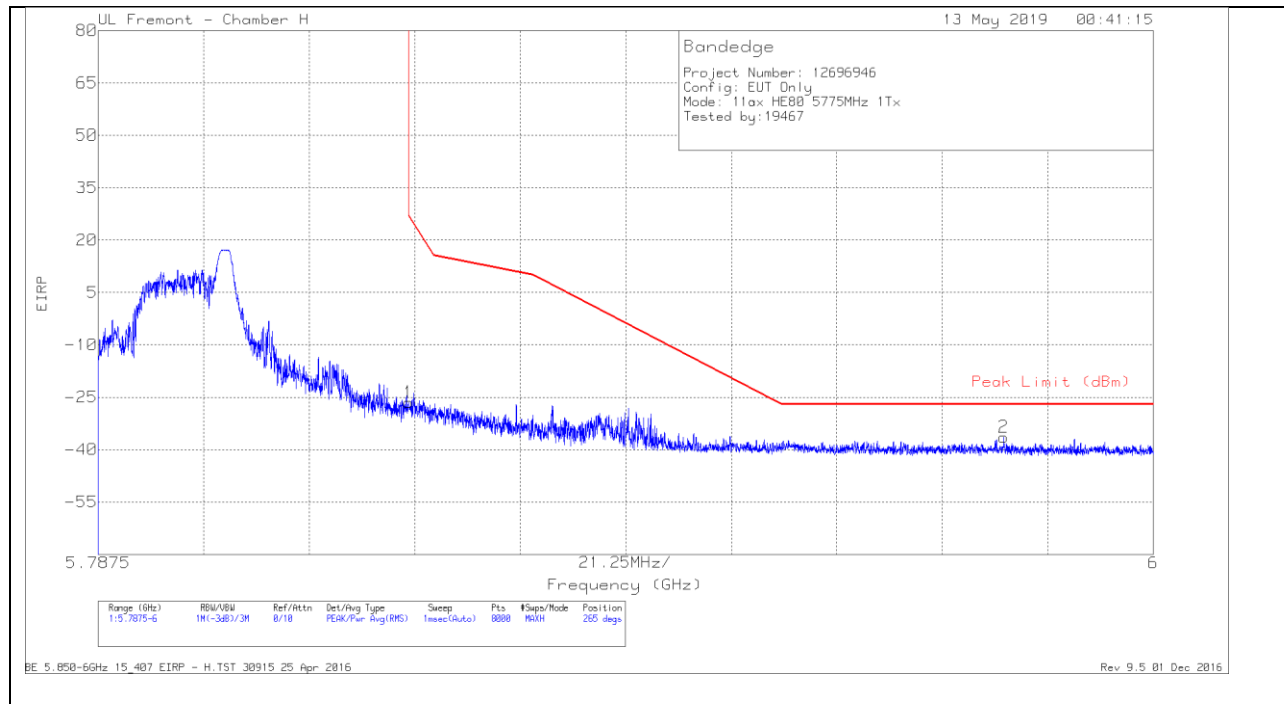
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.65            | -58.94              | Pk  | 34.9           | -20.6                   | 11.8                   | -32.84                 | -27              | -5.84          | 266            | 238         | H        |
| 1      | 5.725           | -46.64              | Pk  | 35.1           | -20.7                   | 11.8                   | -20.44                 | 26.96            | -47.4          | 266            | 238         | H        |

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/ Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -50.1               | Pk  | 35.1           | -20.7                   | 11.8                   | -23.9                  | 27               | -50.9          | 295            | 122         | V        |
| 2      | 5.651           | -62.93              | Pk  | 34.9           | -20.6                   | 11.8                   | -36.83                 | -26.5            | -10.33         | 295            | 122         | V        |

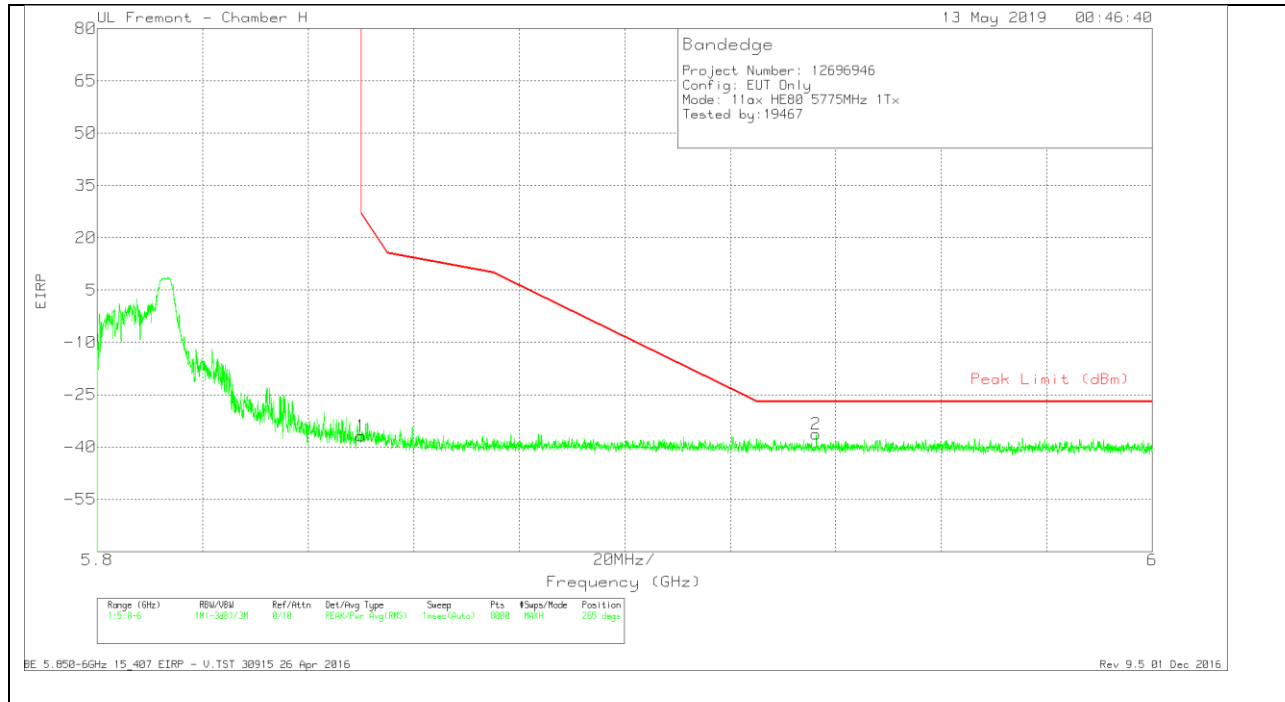
Pk - Peak detector

**1TX Antenna 5 MODE – 26 Tones, RU Index 36****BANDEDGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -53.43              | Pk  | 35.5           | -20.4                   | 11.8                   | -26.53                 | 26.98            | -53.51         | 265            | 278         | H        |
| 2      | 5.97            | -63.72              | Pk  | 35.5           | -20                     | 11.8                   | -36.42                 | -27              | -9.42          | 265            | 278         | H        |

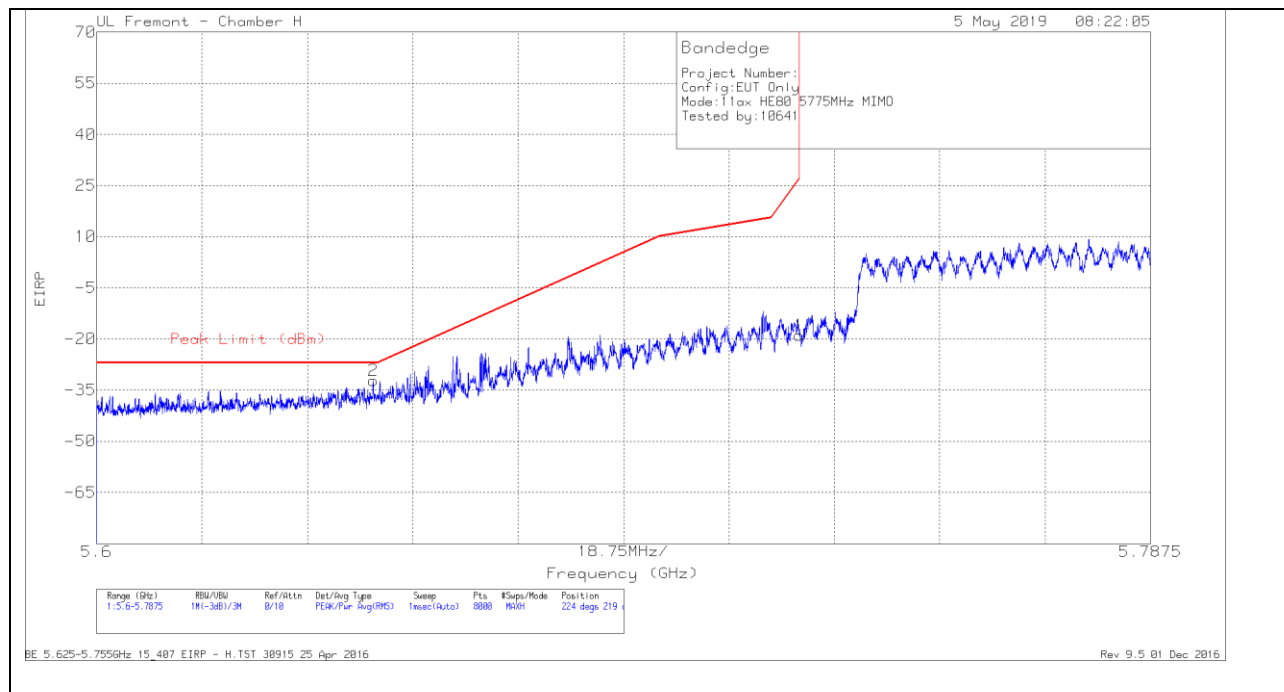
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -63.75              | Pk  | 35.5           | -20.4                   | 11.8                   | -36.85                 | 26.99            | -63.84         | 265            | 278         | V        |
| 2      | 5.936           | -63.51              | Pk  | 35.6           | -20.2                   | 11.8                   | -36.31                 | -27              | -9.31          | 265            | 278         | V        |

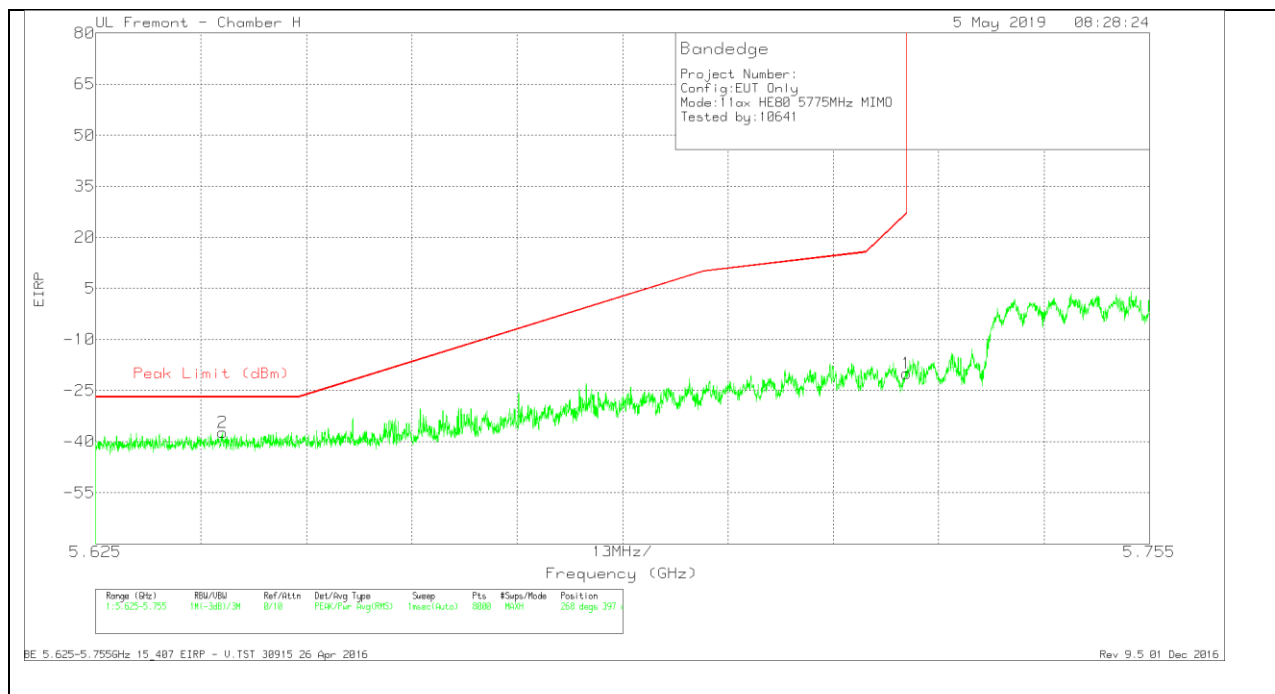
Pk - Peak detector

**BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.649           | -58.33              | Pk  | 34.9           | -20.6                   | 11.8                   | -32.23                 | -27              | -5.23          | 224            | 219         | H        |
| 1      | 5.725           | -45.07              | Pk  | 35.1           | -20.7                   | 11.8                   | -18.87                 | 26.96            | -45.83         | 224            | 219         | H        |

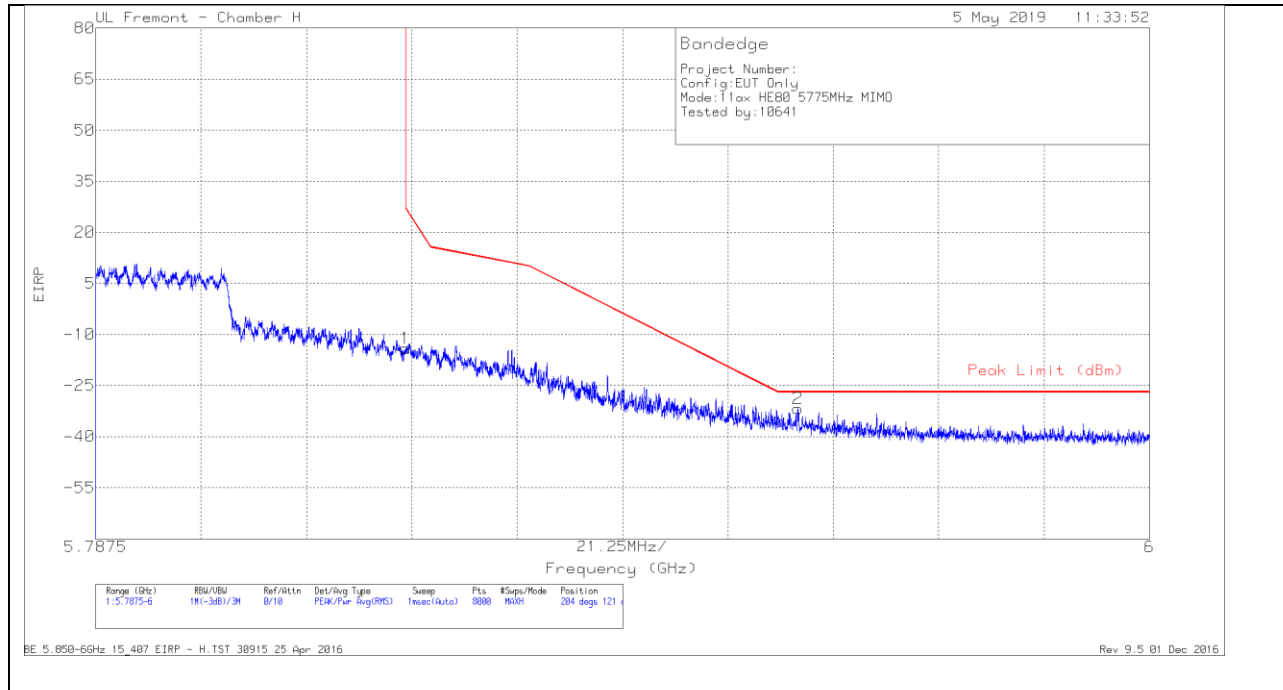
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.641           | -63.53              | Pk  | 35             | -20.6                   | 11.8                   | -37.33                 | -27              | -10.33         | 268            | 397         | V        |
| 1      | 5.725           | -46.18              | Pk  | 35.1           | -20.7                   | 11.8                   | -19.98                 | 27               | -46.98         | 268            | 397         | V        |

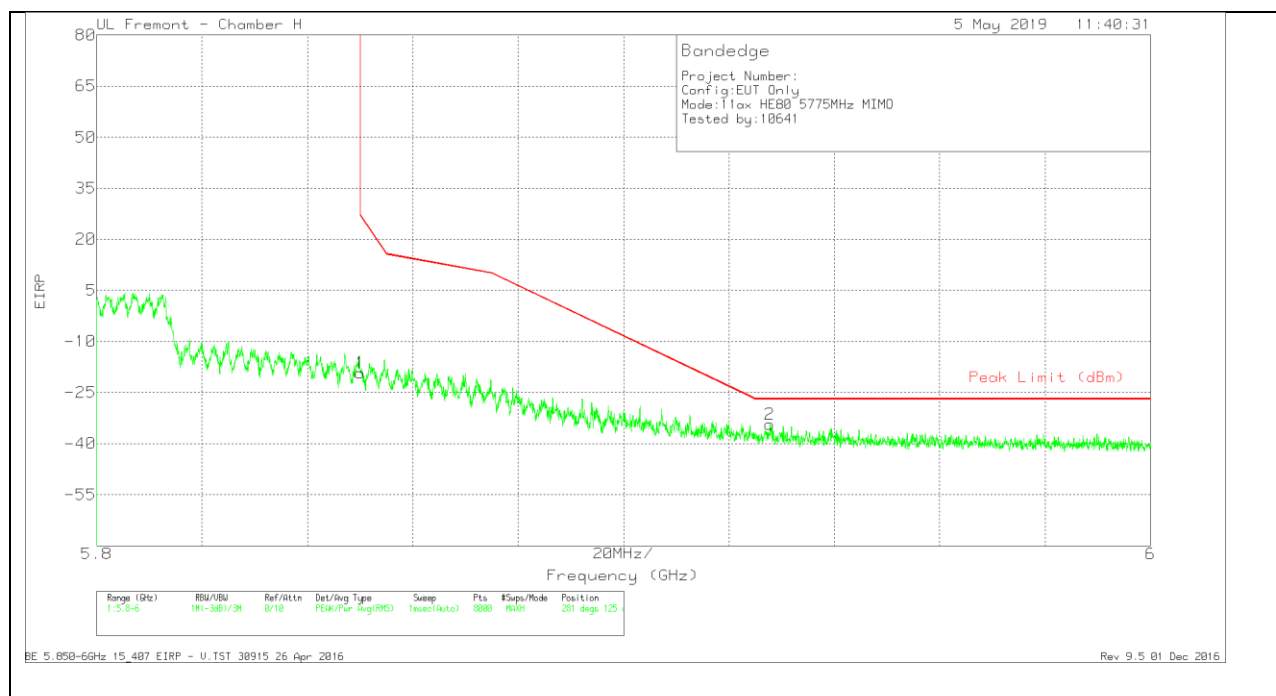
Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -41                 | Pk  | 35.5           | -20.4                   | 11.8                   | -14.1                  | 26.98            | -41.08         | 204            | 121         | H        |
| 2      | 5.929           | -59.15              | Pk  | 35.6           | -20.1                   | 11.8                   | -31.85                 | -27              | -4.85          | 204            | 121         | H        |

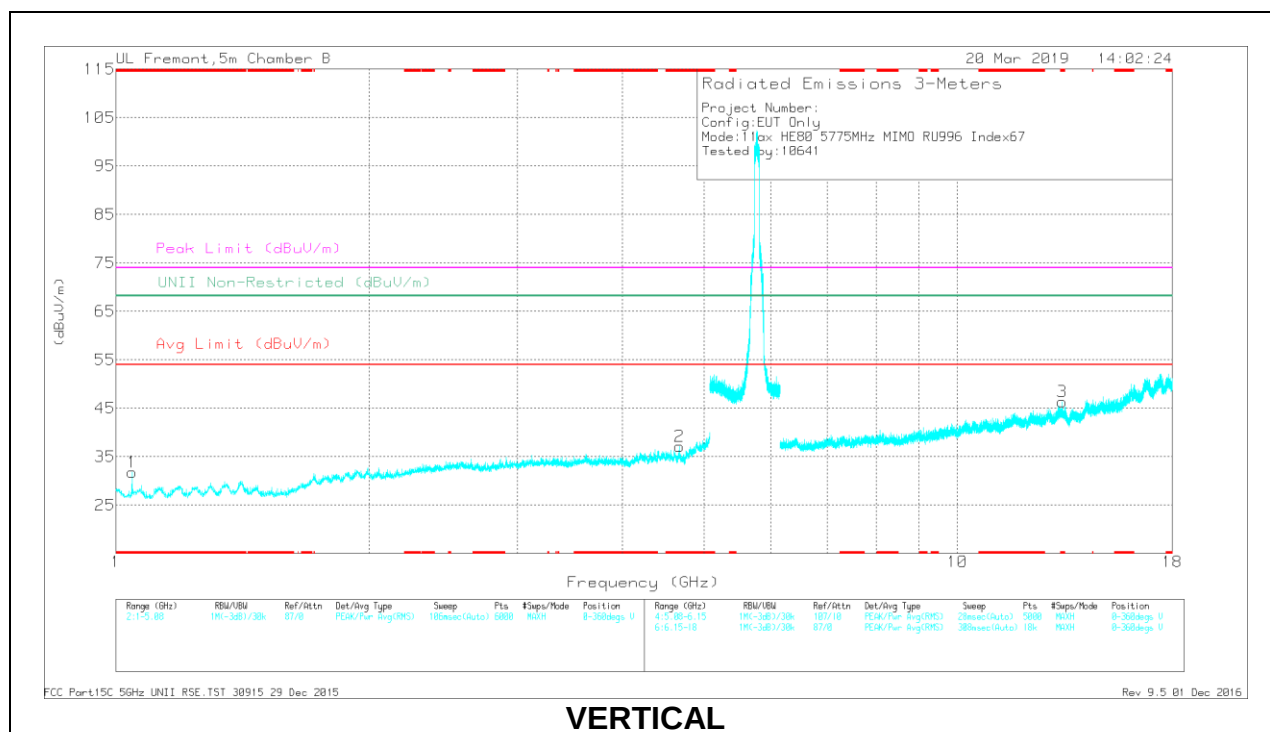
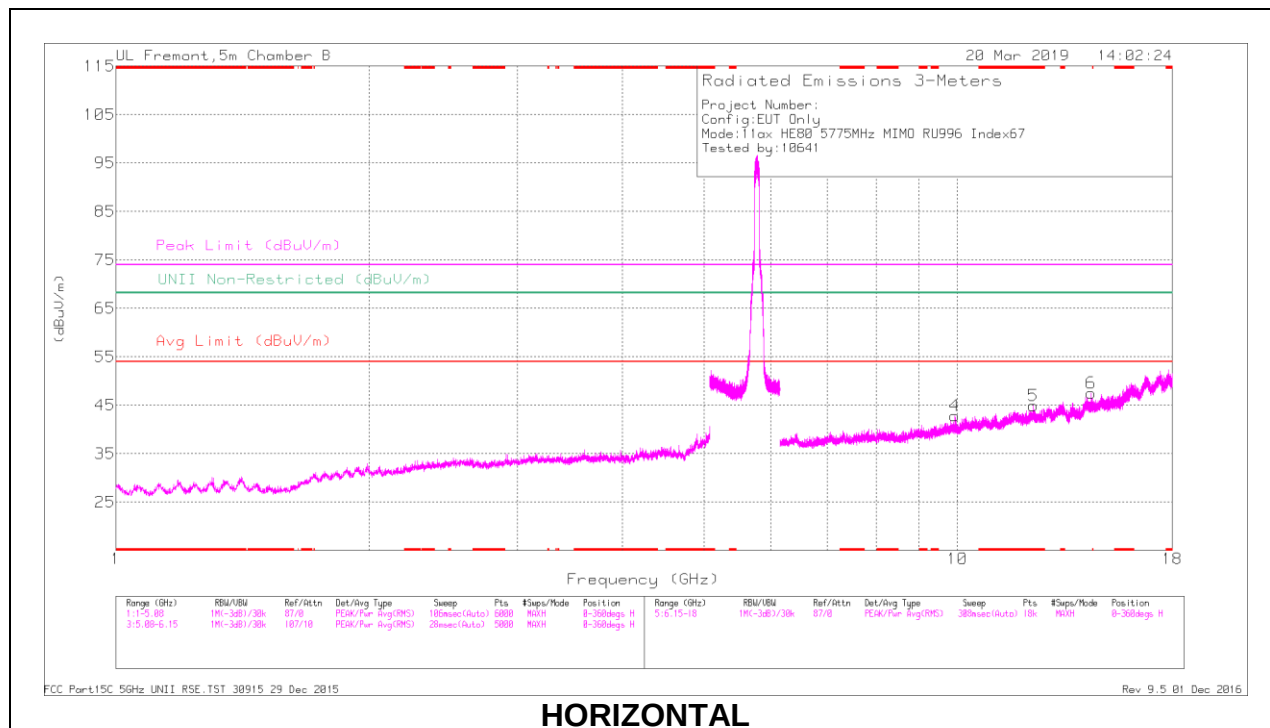
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -46.12              | Pk  | 35.5           | -20.4                   | 11.8                   | -19.22                 | 26.99            | -46.21         | 281            | 125         | V        |
| 2      | 5.928           | -61.63              | Pk  | 35.6           | -20.1                   | 11.8                   | -34.33                 | -27              | -7.33          | 281            | 125         | V        |

Pk - Peak detector

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

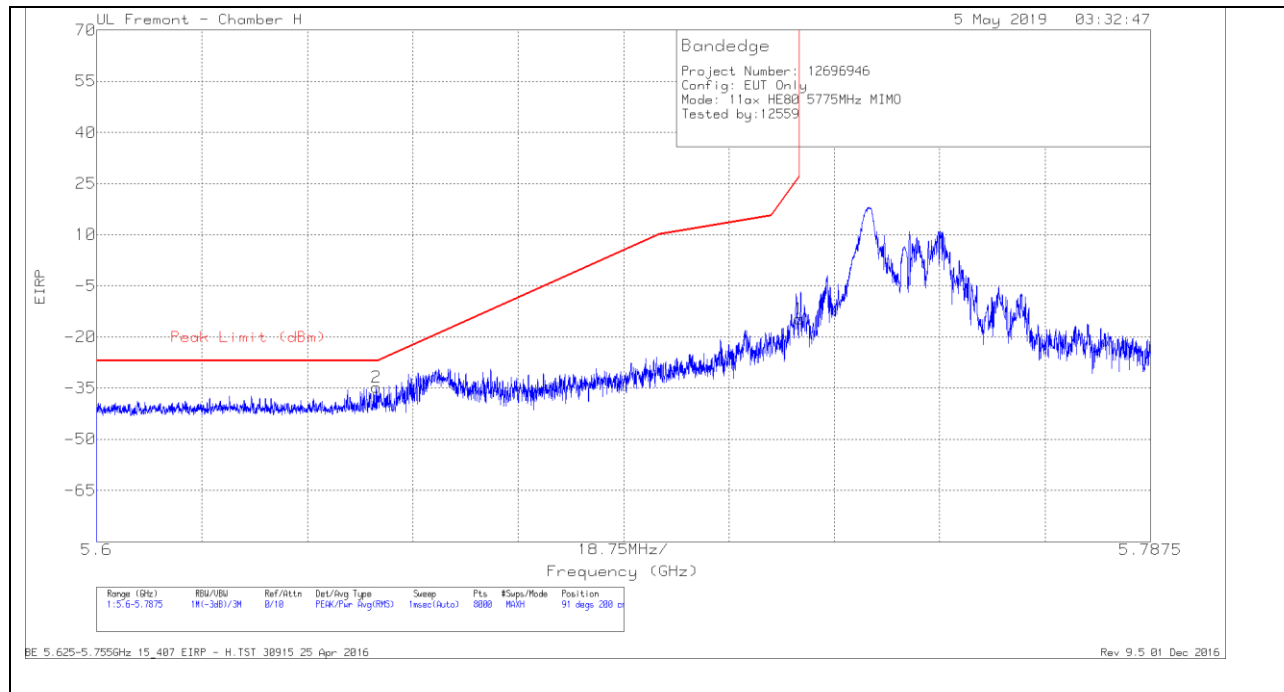
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | AmplChlIFtrr/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      | * 1.044         | 41.16                | PK-U | 27.5          | -33.6                 | 35.06                      | -                  | -           | 74                  | -38.94         | -                            | -              | 330            | 128         | V        |
|        | * 1.047         | 29.64                | ADR  | 27.5          | -33.6                 | 23.54                      | 54                 | -30.46      | -                   | -              | -                            | -              | 330            | 128         | V        |
| 2      | * 4.672         | 37.98                | PK-U | 34.1          | -28.3                 | 43.78                      | -                  | -           | 74                  | -30.22         | -                            | -              | 300            | 170         | V        |
|        | * 4.672         | 26.05                | ADR  | 34.1          | -28.3                 | 31.85                      | 54                 | -22.15      | -                   | -              | -                            | -              | 300            | 170         | V        |
| 5      | * 12.307        | 32.37                | PK-U | 39.1          | -20.2                 | 51.27                      | -                  | -           | 74                  | -22.73         | -                            | -              | 256            | 224         | H        |
|        | * 12.304        | 19.8                 | ADR  | 39.1          | -20.2                 | 38.7                       | 54                 | -15.3       | -                   | -              | -                            | -              | 256            | 224         | H        |
| 3      | * 13.319        | 33.06                | PK-U | 40.7          | -20.8                 | 52.96                      | -                  | -           | 74                  | -21.04         | -                            | -              | 226            | 196         | V        |
|        | * 13.32         | 19.76                | ADR  | 40.7          | -20.8                 | 39.66                      | 54                 | -14.34      | -                   | -              | -                            | -              | 226            | 196         | V        |
| 4      | 9.927           | 33.52                | PK-U | 37.3          | -22                   | 48.82                      | -                  | -           | -                   | -              | 68.2                         | -19.38         | 269            | 193         | H        |
| 6      | 14.403          | 33.81                | PK-U | 40.1          | -20                   | 53.91                      | -                  | -           | -                   | -              | 68.2                         | -14.29         | 262            | 243         | H        |

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

PK-U - U-NII: Maximum Peak

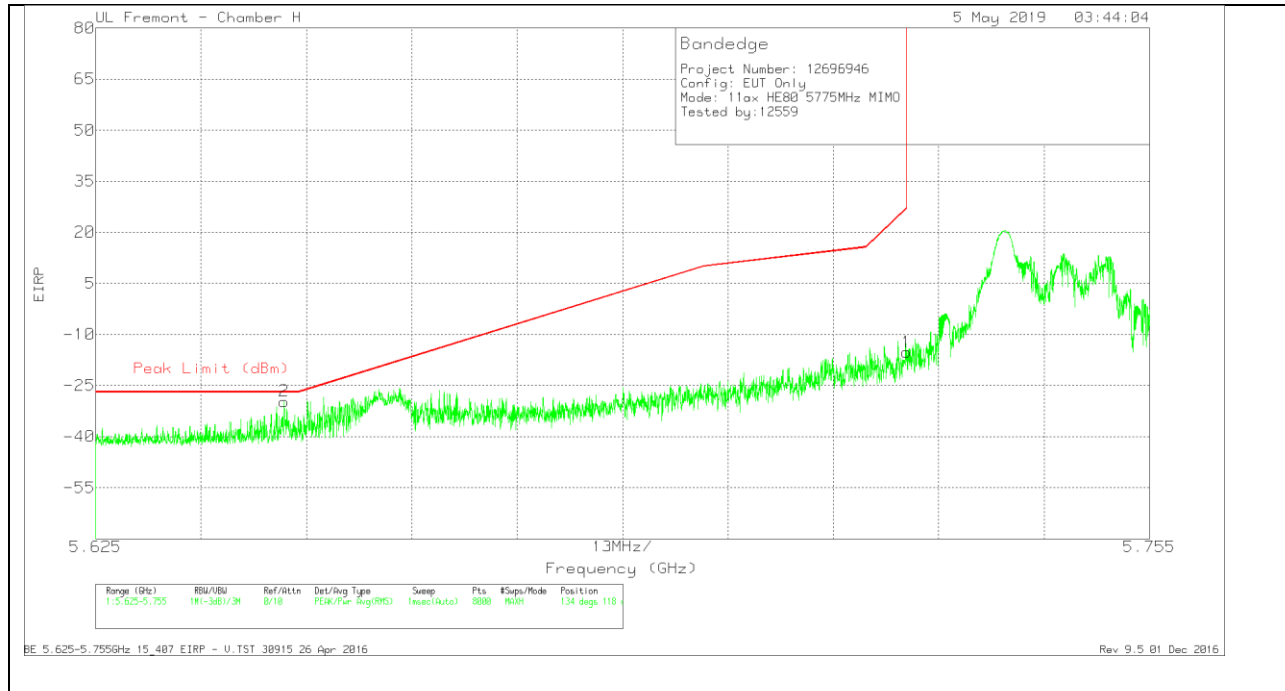
ADR - U-NII AD primary method, RMS average

**BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.65            | -60.85              | Pk  | 34.9           | -20.6                   | 11.8                   | -34.75                 | -27              | -7.75          | 91             | 200         | H        |
| 1      | 5.725           | -40.92              | Pk  | 35.1           | -20.7                   | 11.8                   | -14.72                 | 26.96            | -41.68         | 91             | 200         | H        |

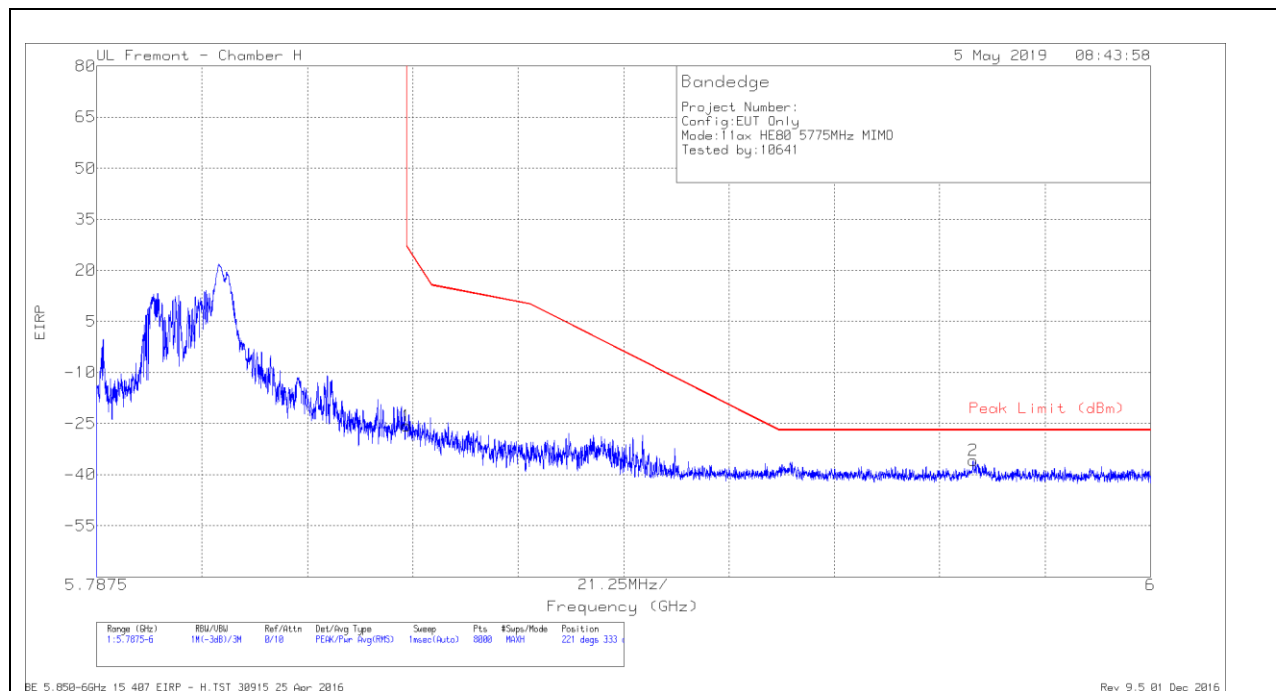
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.648           | -55.75              | Pk  | 34.9           | -20.6                   | 11.8                   | -29.65                 | -27              | -2.65          | 134            | 118         | V        |
| 1      | 5.725           | -41.37              | Pk  | 35.1           | -20.7                   | 11.8                   | -15.17                 | 27               | -42.17         | 134            | 118         | V        |

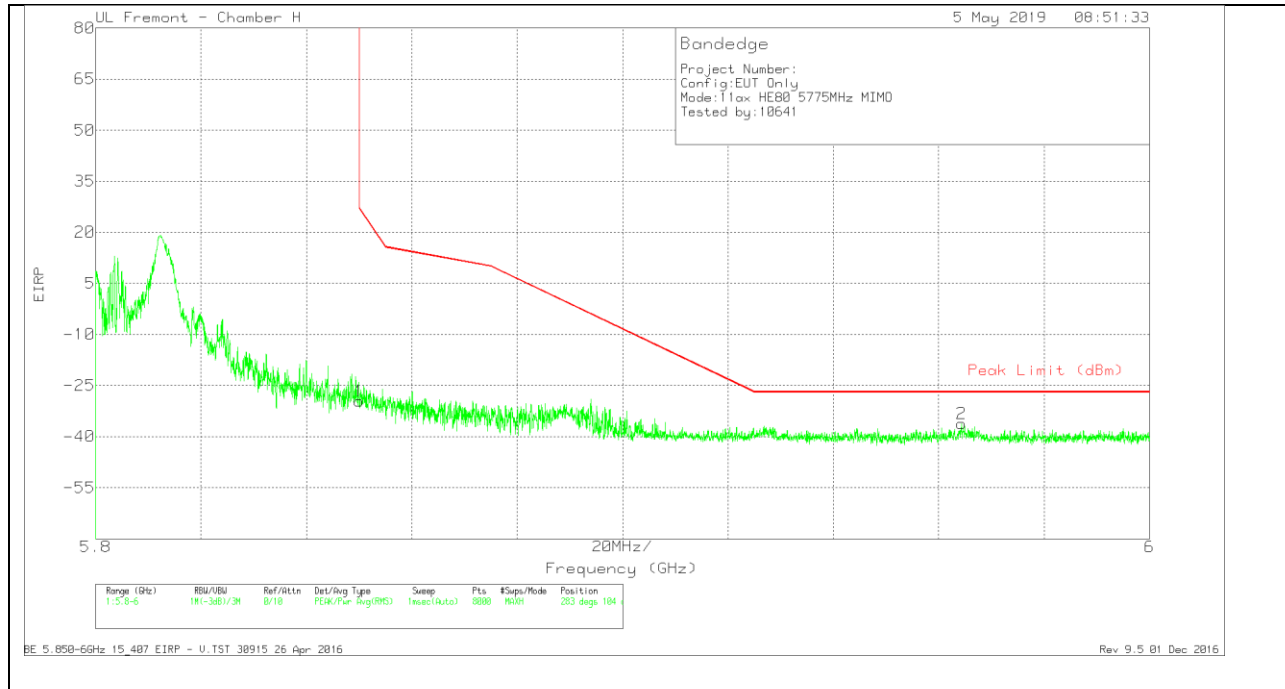
Pk - Peak detector

**BANDEDGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Fitr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -52.62              | Pk  | 35.5           | -20.4                  | 11.8                   | -25.72                 | 26.98            | -52.7          | 221            | 333         | H        |
| 2      | 5.964           | -63.13              | Pk  | 35.6           | -20.1                  | 11.8                   | -35.83                 | -27              | -8.83          | 221            | 333         | H        |

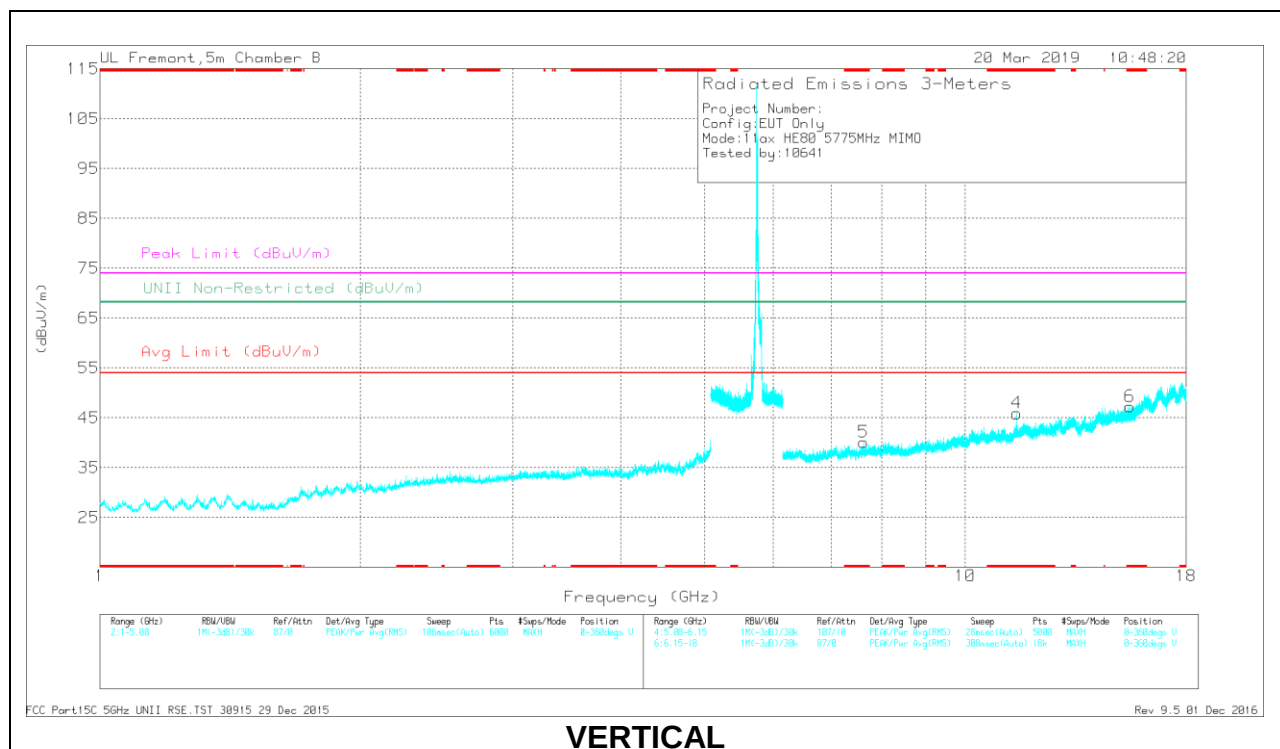
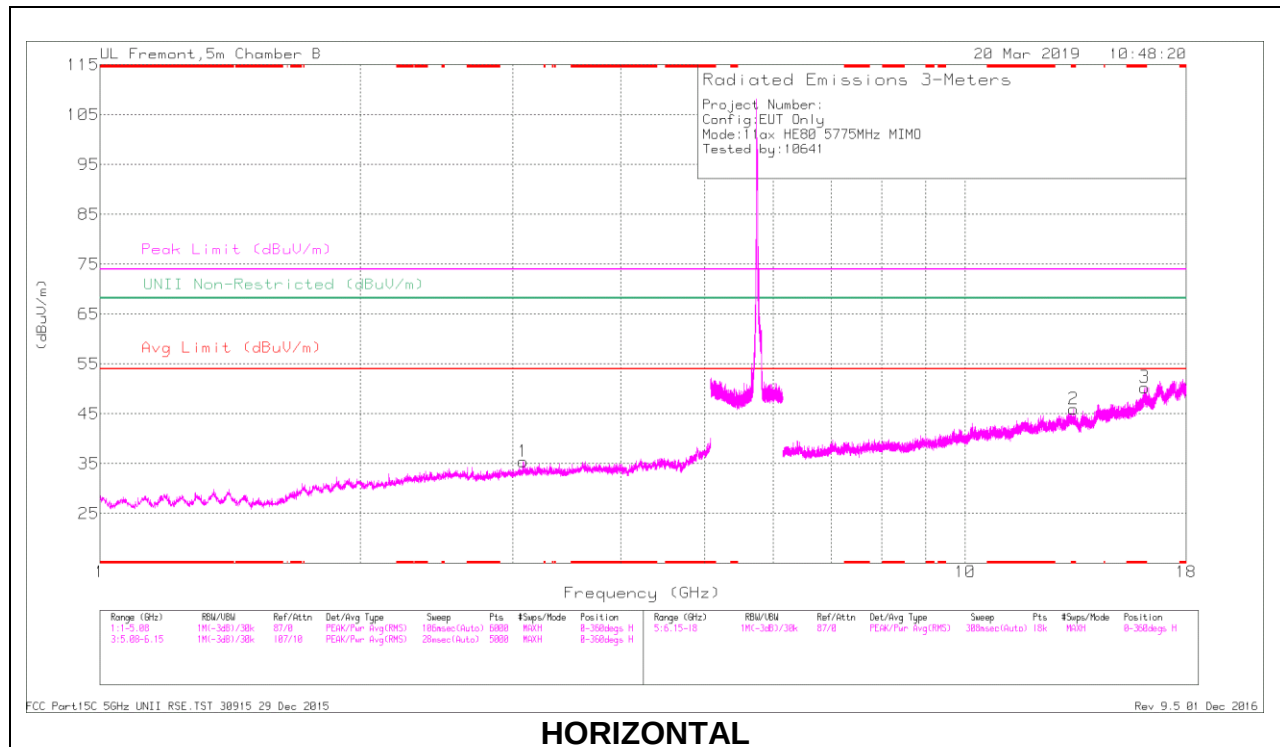
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -56.47              | Pk  | 35.5           | -20.4                   | 11.8                   | -29.57                 | 26.99            | -56.56         | 283            | 104         | V        |
| 2      | 5.964           | -63.51              | Pk  | 35.6           | -20.1                   | 11.8                   | -36.21                 | -27              | -9.21          | 283            | 104         | V        |

Pk - Peak detector

**2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 36****HARMONICS AND SPURIOUS EMISSIONS****MID CHANNEL RESULTS**

## RADIATED EMISSIONS

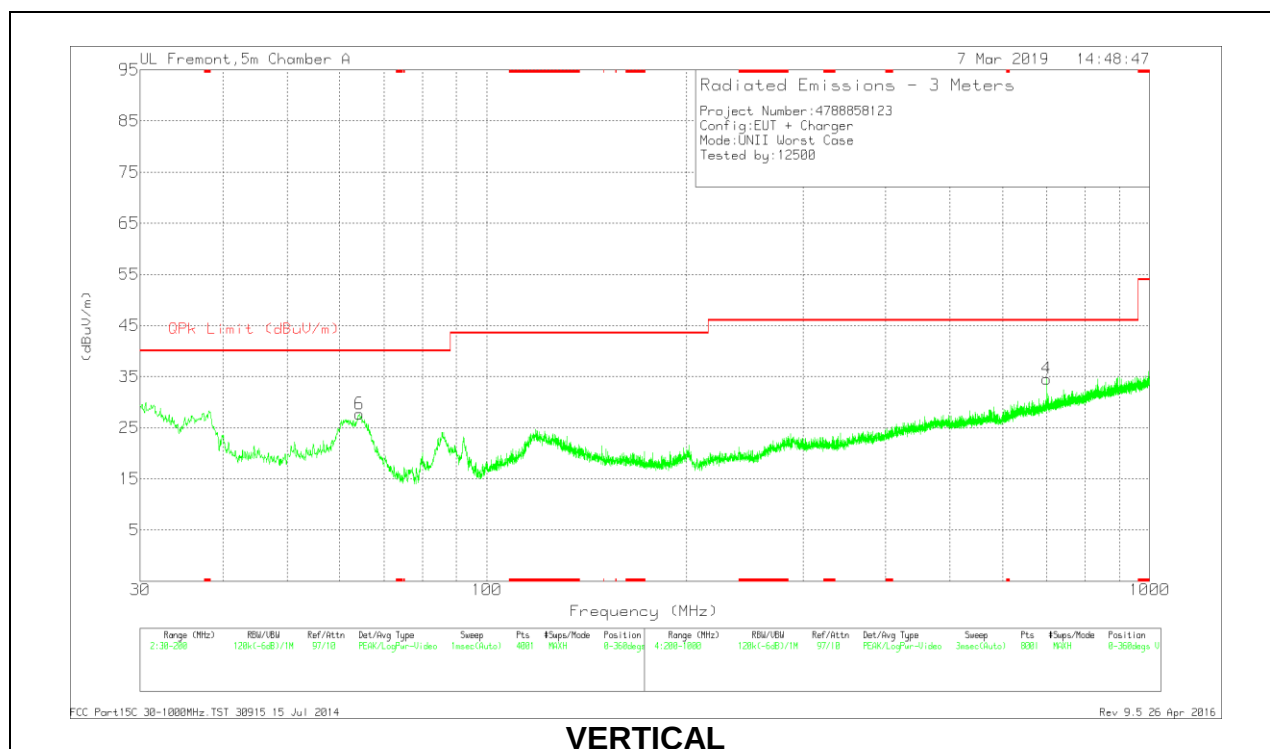
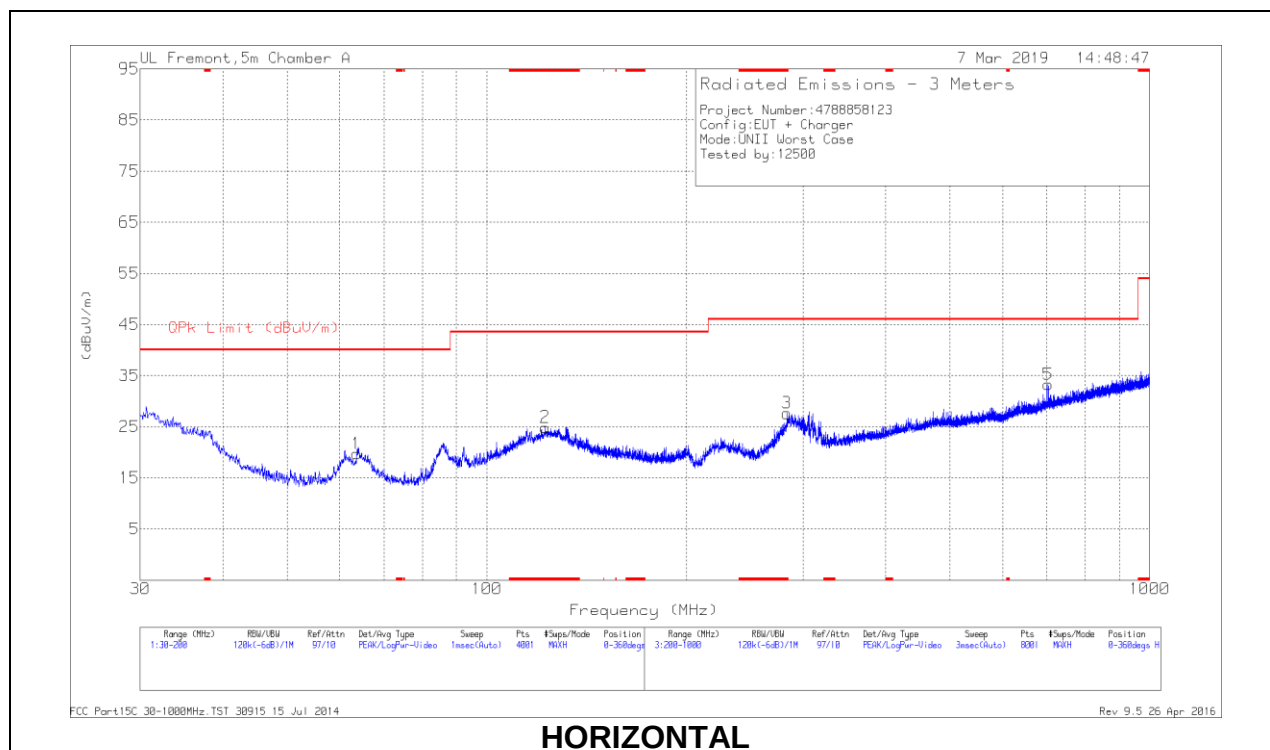
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cb/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2      | * 13.335        | -893.01              | PK-U | 40.6          | -20.9                | -873.31                    | -                  | -           | 74                  | -947.31        | -                            | -              | 256            | 212         | H        |
|        | * 13.338        | 19.71                | ADR  | 40.6          | -20.9                | 39.41                      | 54                 | -14.59      | -                   | -              | -                            | -              | 256            | 212         | H        |
| 3      | * 16.107        | 32.9                 | PK-U | 43            | -18.1                | 57.8                       | -                  | -           | 74                  | -16.2          | -                            | -              | 321            | 198         | H        |
|        | * 16.107        | 18.26                | ADR  | 43            | -18.1                | 43.16                      | 54                 | -10.84      | -                   | -              | -                            | -              | 321            | 198         | H        |
| 4      | * 11.475        | 33.52                | PK-U | 38.4          | -21                  | 50.92                      | -                  | -           | 74                  | -23.08         | -                            | -              | 345            | 205         | V        |
|        | * 11.473        | 20.52                | ADR  | 38.4          | -21                  | 37.92                      | 54                 | -16.08      | -                   | -              | -                            | -              | 345            | 205         | V        |
| 5      | * 7.627         | 35.65                | PK-U | 36.4          | -25.1                | 46.95                      | -                  | -           | 74                  | -27.05         | -                            | -              | 242            | 202         | V        |
|        | * 7.627         | 23.42                | ADR  | 36.4          | -25.1                | 34.72                      | 54                 | -19.28      | -                   | -              | -                            | -              | 242            | 202         | V        |
| 6      | * 15.506        | 32.54                | PK-U | 40.6          | -18.5                | 54.64                      | -                  | -           | 74                  | -19.36         | -                            | -              | 315            | 196         | V        |
|        | * 15.505        | 18.27                | ADR  | 40.6          | -18.5                | 40.37                      | 54                 | -13.63      | -                   | -              | -                            | -              | 315            | 196         | V        |
| 1      | 3.086           | 39.29                | PK-U | 33.2          | -30.6                | 41.89                      | -                  | -           | -                   | -              | 68.2                         | -26.31         | 234            | 156         | H        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 1.2. WORST CASE BELOW 1 GHz



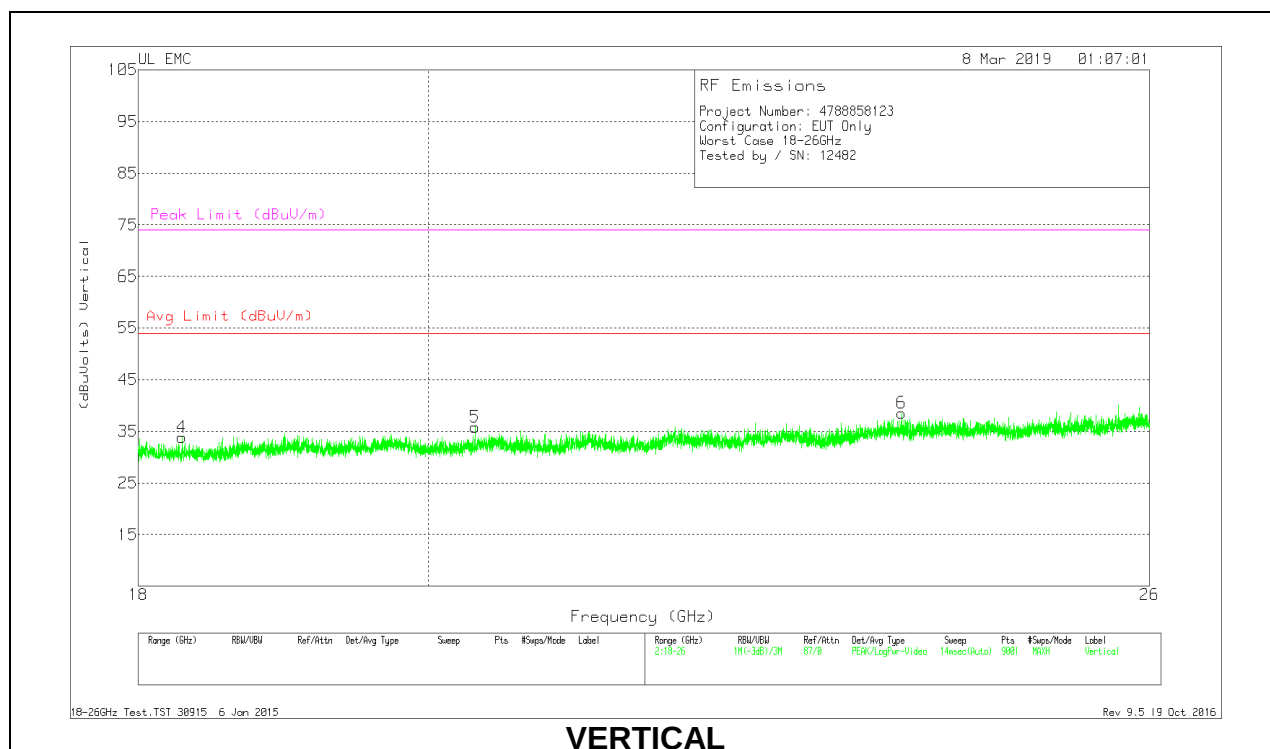
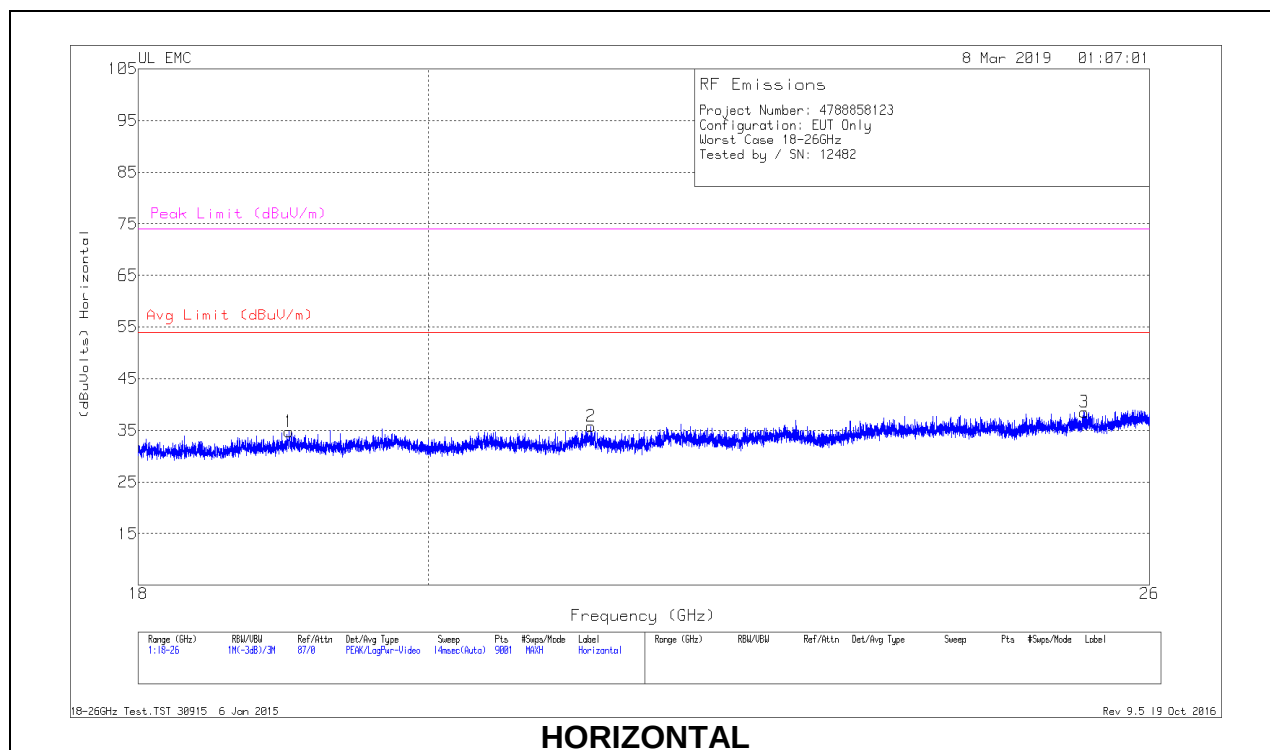
**Below 1GHz DATA**

| Frequency (MHz) | Meter Reading (dBuV) | Det | AF PRE0181574 (dB/m) | Amp/Cbl (dB/m) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|----------------------|----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| * 122.7824      | 26.1                 | Qp  | 19.8                 | -26            | 19.9                       | 43.52              | -23.62      | 14             | 298         | H        |
| * 283.7997      | 27.49                | Qp  | 19.2                 | -24.4          | 22.29                      | 46.02              | -23.73      | 143            | 100         | H        |
| 63.6782         | 28.91                | Qp  | 13.7                 | -26.8          | 15.81                      | 40                 | -24.19      | 81             | 233         | H        |
| 64.1849         | 37.02                | Qp  | 13.7                 | -26.8          | 23.92                      | 40                 | -16.08      | 182            | 119         | V        |
| 699.397         | 22.43                | Qp  | 26.1                 | -23.9          | 24.63                      | 46.02              | -21.39      | 31             | 356         | V        |
| 703.0741        | 22.42                | Qp  | 26.1                 | -24            | 24.52                      | 46.02              | -21.5       | 316            | 308         | H        |

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

Qp - Quasi-Peak detector

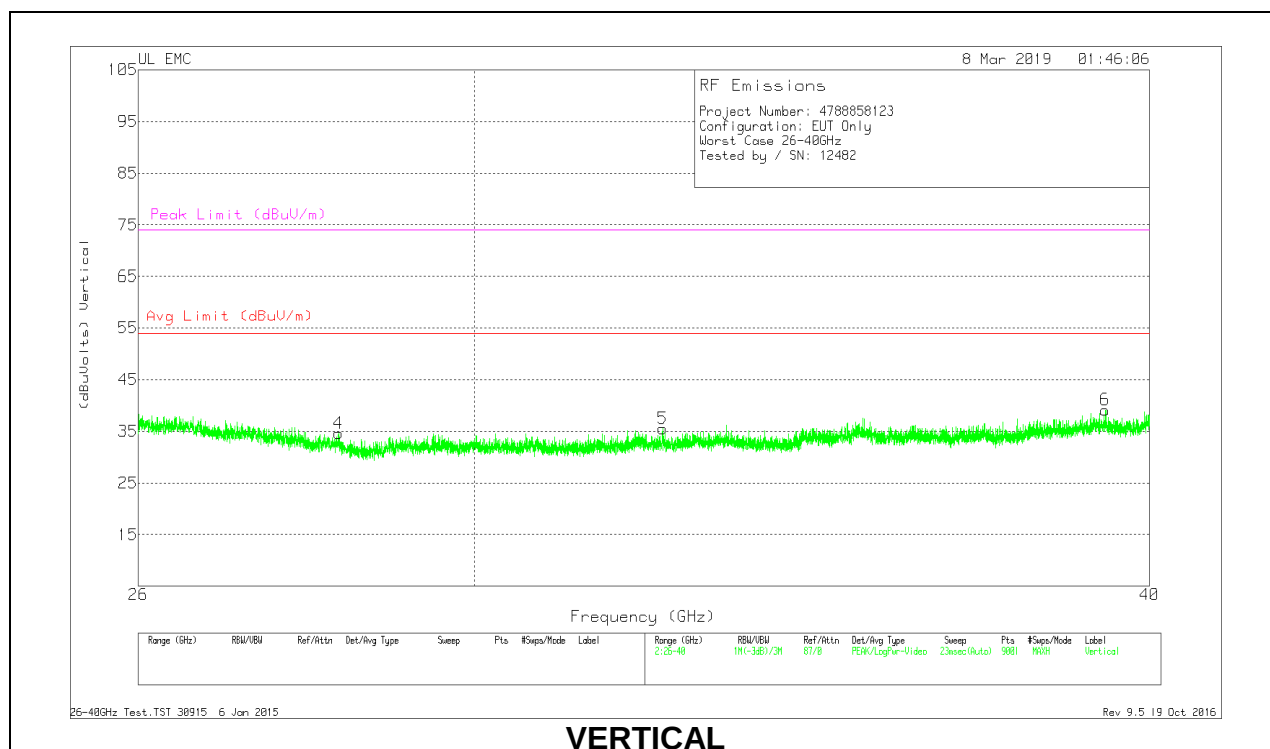
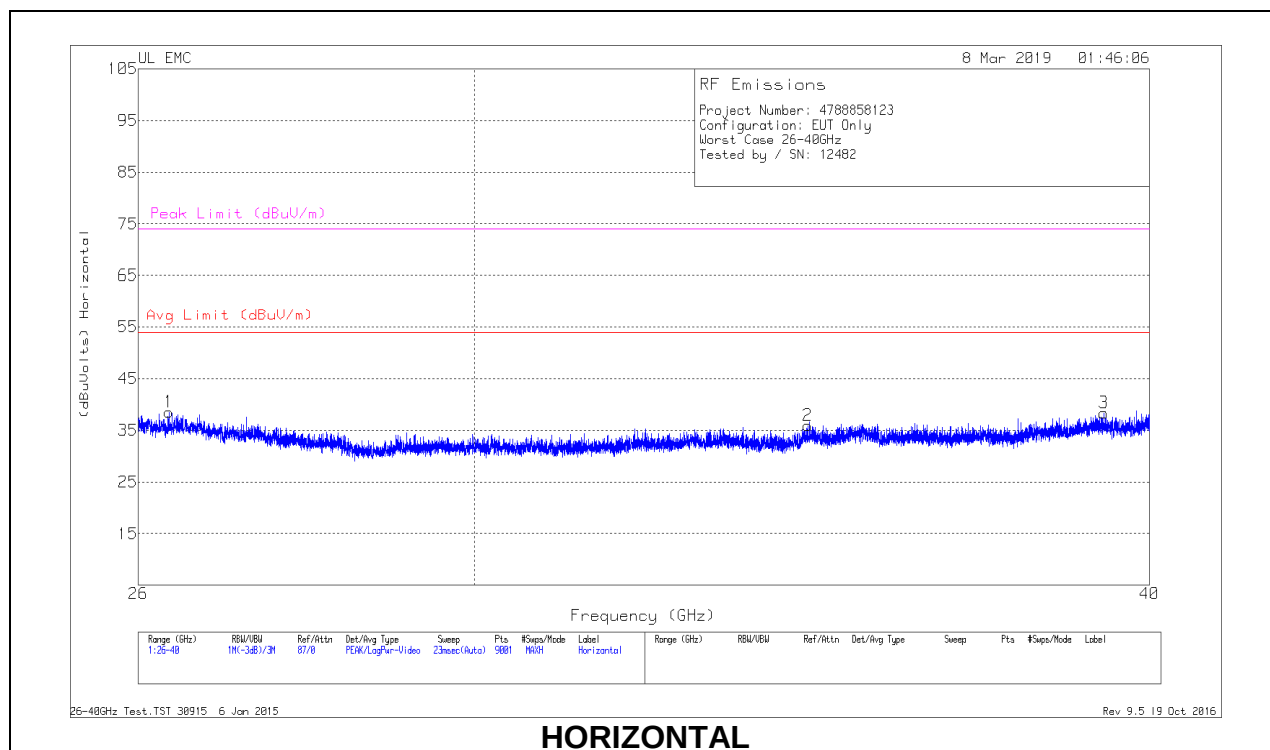
### 1.3. WORST CASE 18-26 GHz



**18 – 26GHz DATA**

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T447 AF<br>(dB/m) | Amp/Cbl (dB) | Dist Corr<br>(dB) | Corrected<br>Reading<br>(dBuVolts<br>) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) |
|--------|------------------------|----------------------------|-----|-------------------|--------------|-------------------|----------------------------------------|-----------------------|----------------|------------------------|----------------------|
| 1      | 19.013                 | 36.38                      | Pk  | 32.6              | -24.7        | -9.5              | 34.78                                  | 54                    | -19.22         | 74                     | -39.22               |
| 2      | 21.22                  | 37.08                      | Pk  | 33                | -24.8        | -9.5              | 35.78                                  | 54                    | -18.22         | 74                     | -38.22               |
| 3      | 25.391                 | 37.8                       | Pk  | 34.5              | -24.3        | -9.5              | 38.5                                   | 54                    | -15.5          | 74                     | -35.5                |
| 4      | 18.288                 | 36.23                      | Pk  | 32.3              | -25.2        | -9.5              | 33.83                                  | 54                    | -20.17         | 74                     | -40.17               |
| 5      | 20.343                 | 37.94                      | Pk  | 32.8              | -25.4        | -9.5              | 35.84                                  | 54                    | -18.16         | 74                     | -38.16               |
| 6      | 23.756                 | 38.13                      | Pk  | 34.1              | -24.2        | -9.5              | 38.53                                  | 54                    | -15.47         | 74                     | -35.47               |

## 1.4. WORST CASE 26-40 GHz



**26 – 40GHz DATA**

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T90 AF<br>(dB/m) | Amp/Cbl (dB) | Dist Corr<br>(dB) | Corrected<br>Reading<br>(dBuVolts<br>) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) |
|--------|------------------------|----------------------------|-----|------------------|--------------|-------------------|----------------------------------------|-----------------------|----------------|------------------------|----------------------|
| 1      | 26.341                 | 43.23                      | Pk  | 35.6             | -30.8        | -9.5              | 38.53                                  | 54                    | -15.47         | 74                     | -35.47               |
| 2      | 34.577                 | 41.24                      | Pk  | 37.4             | -33.2        | -9.5              | 35.94                                  | 54                    | -18.06         | 74                     | -38.06               |
| 3      | 39.227                 | 41.84                      | Pk  | 38.5             | -32.5        | -9.5              | 38.34                                  | 54                    | -15.66         | 74                     | -35.66               |
| 4      | 28.313                 | 39.79                      | Pk  | 35.8             | -31.5        | -9.5              | 34.59                                  | 54                    | -19.41         | 74                     | -39.41               |
| 5      | 32.505                 | 41.61                      | Pk  | 36.1             | -32.7        | -9.5              | 35.51                                  | 54                    | -18.49         | 74                     | -38.49               |
| 6      | 39.249                 | 42.03                      | Pk  | 38.6             | -32          | -9.5              | 39.13                                  | 54                    | -14.87         | 74                     | -34.87               |

## 2. 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.

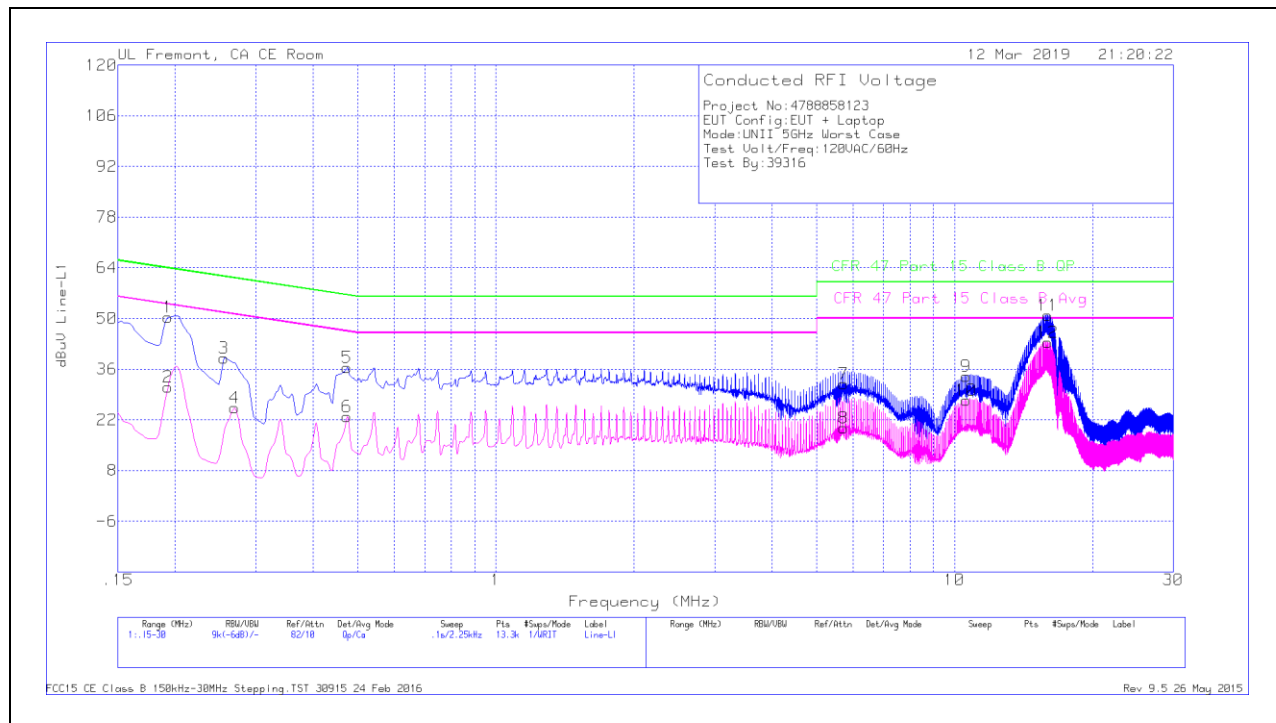
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

## 2.1.1. AC Power Line Host

### LINE 1 RESULTS



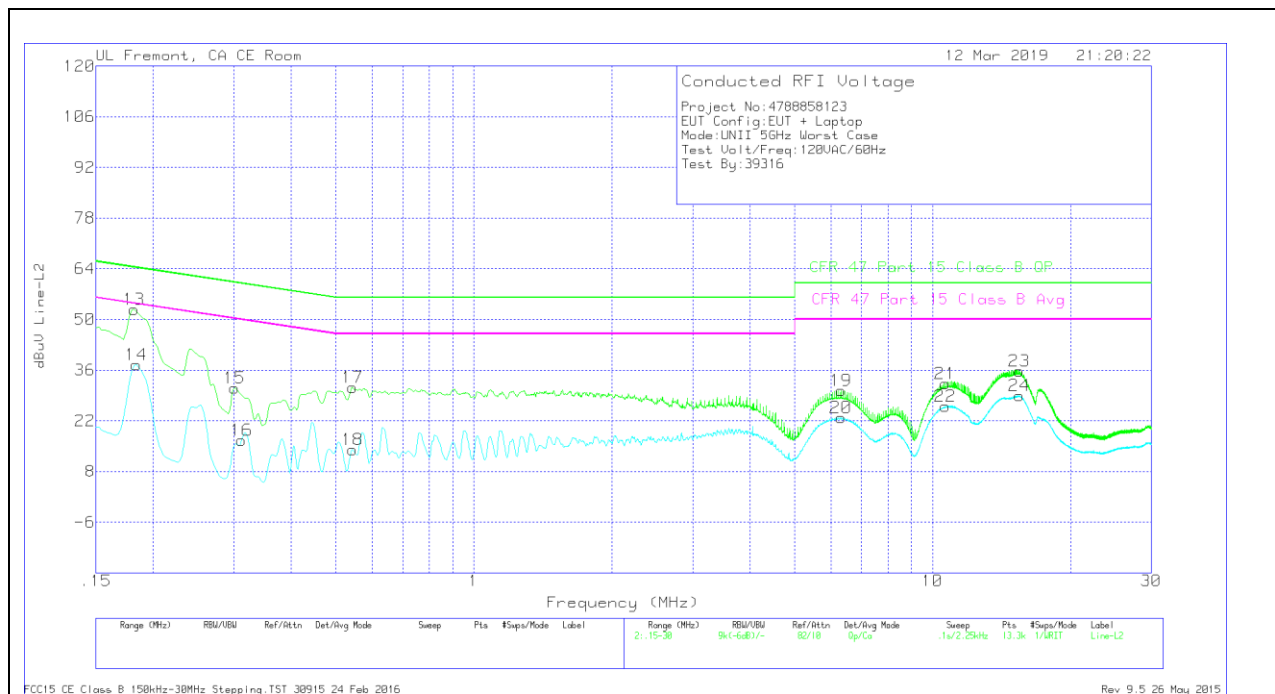
Range 1: Line-L1 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 1      | .19275          | 40.25                | Qp  | 0       | 0               | 10.1         | 50.35                  | 63.92                     | -13.57         | -                          | -                    |
| 2      | .19275          | 20.9                 | Ca  | 0       | 0               | 10.1         | 31                     | -                         | -              | 53.92                      | -22.92               |
| 3      | .25575          | 28.92                | Qp  | 0       | 0               | 10.1         | 39.02                  | 61.57                     | -22.55         | -                          | -                    |
| 4      | .26925          | 15.18                | Ca  | 0       | 0               | 10.1         | 25.28                  | -                         | -              | 51.14                      | -25.86               |
| 5      | .474            | 26.34                | Qp  | 0       | 0               | 10.1         | 36.44                  | 56.44                     | -20            | -                          | -                    |
| 6      | .474            | 12.84                | Ca  | 0       | 0               | 10.1         | 22.94                  | -                         | -              | 46.44                      | -23.5                |
| 7      | 5.739           | 21.56                | Qp  | 0       | .2              | 10.2         | 31.96                  | 60                        | -28.04         | -                          | -                    |
| 8      | 5.739           | 9.39                 | Ca  | 0       | .2              | 10.2         | 19.79                  | -                         | -              | 50                         | -30.21               |
| 9      | 10.593          | 23.65                | Qp  | 0       | .2              | 10.2         | 34.05                  | 60                        | -25.95         | -                          | -                    |
| 10     | 10.5923         | 17.07                | Ca  | 0       | .2              | 10.2         | 27.47                  | -                         | -              | 50                         | -22.53               |
| 11     | 15.9585         | 40.21                | Qp  | .1      | .3              | 10.3         | 50.91                  | 60                        | -9.09          | -                          | -                    |
| 12     | 15.9585         | 32.76                | Ca  | .1      | .3              | 10.3         | 43.46                  | -                         | -              | 50                         | -6.54                |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS

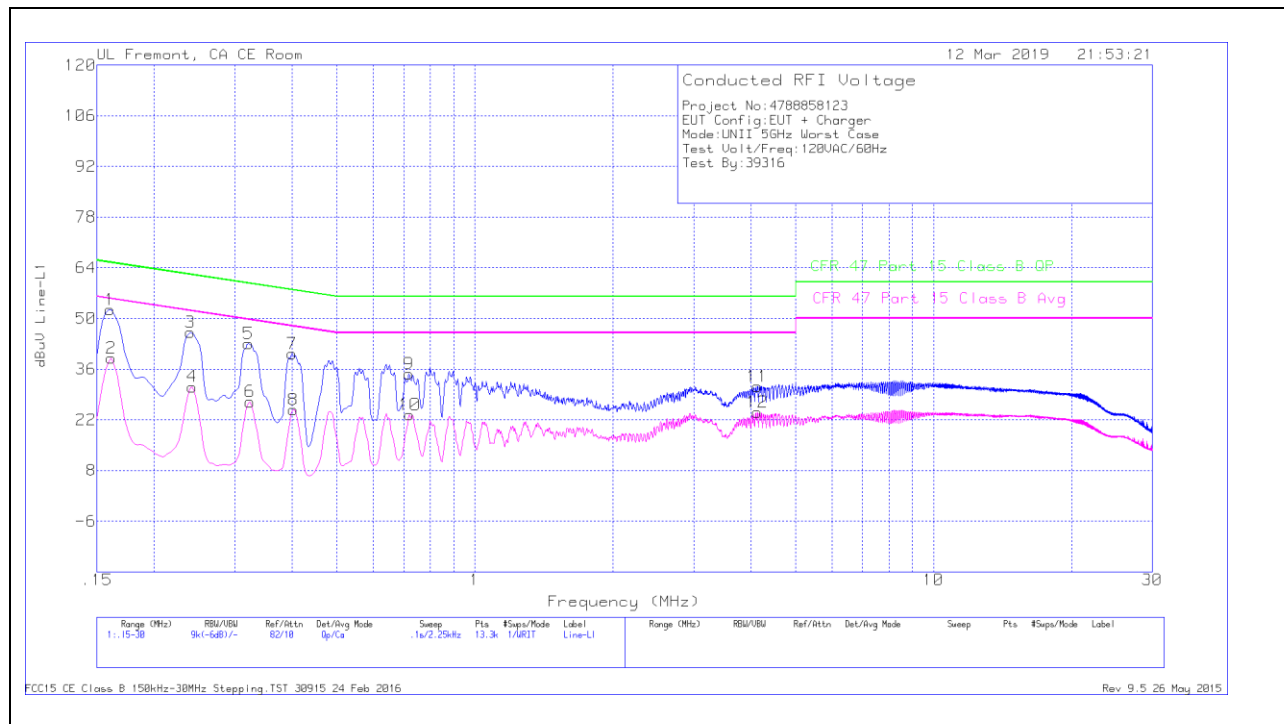


Range 2: Line-L2 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 13     | .1815           | 42.61                | Qp  | 0       | 0               | 10.1         | 52.71                  | 64.42                     | -11.71         | -                          | -                    |
| 14     | .18375          | 27.45                | Ca  | 0       | 0               | 10.1         | 37.55                  | -                         | -              | 54.31                      | -16.76               |
| 15     | .30075          | 20.98                | Qp  | 0       | 0               | 10.1         | 31.08                  | 60.22                     | -29.14         | -                          | -                    |
| 16     | .312            | 6.53                 | Ca  | 0       | 0               | 10.1         | 16.63                  | -                         | -              | 49.92                      | -33.29               |
| 17     | .54375          | 21.1                 | Qp  | 0       | 0               | 10.1         | 31.2                   | 56                        | -24.8          | -                          | -                    |
| 18     | .54375          | 3.88                 | Ca  | 0       | 0               | 10.1         | 13.98                  | -                         | -              | 46                         | -32.02               |
| 19     | 6.3105          | 19.89                | Qp  | 0       | .2              | 10.2         | 30.29                  | 60                        | -29.71         | -                          | -                    |
| 20     | 6.3105          | 12.52                | Ca  | 0       | .2              | 10.2         | 22.92                  | -                         | -              | 50                         | -27.08               |
| 21     | 10.653          | 21.87                | Qp  | 0       | .2              | 10.2         | 32.27                  | 60                        | -27.73         | -                          | -                    |
| 22     | 10.6553         | 15.57                | Ca  | 0       | .2              | 10.2         | 25.97                  | -                         | -              | 50                         | -24.03               |
| 23     | 15.4725         | 25.15                | Qp  | .1      | .3              | 10.2         | 35.75                  | 60                        | -24.25         | -                          | -                    |
| 24     | 15.469          | 18.3                 | Ca  | .1      | .3              | 10.2         | 28.9                   | -                         | -              | 50                         | -21.1                |

Qp - Quasi-Peak detector

Ca - CISPR average detection

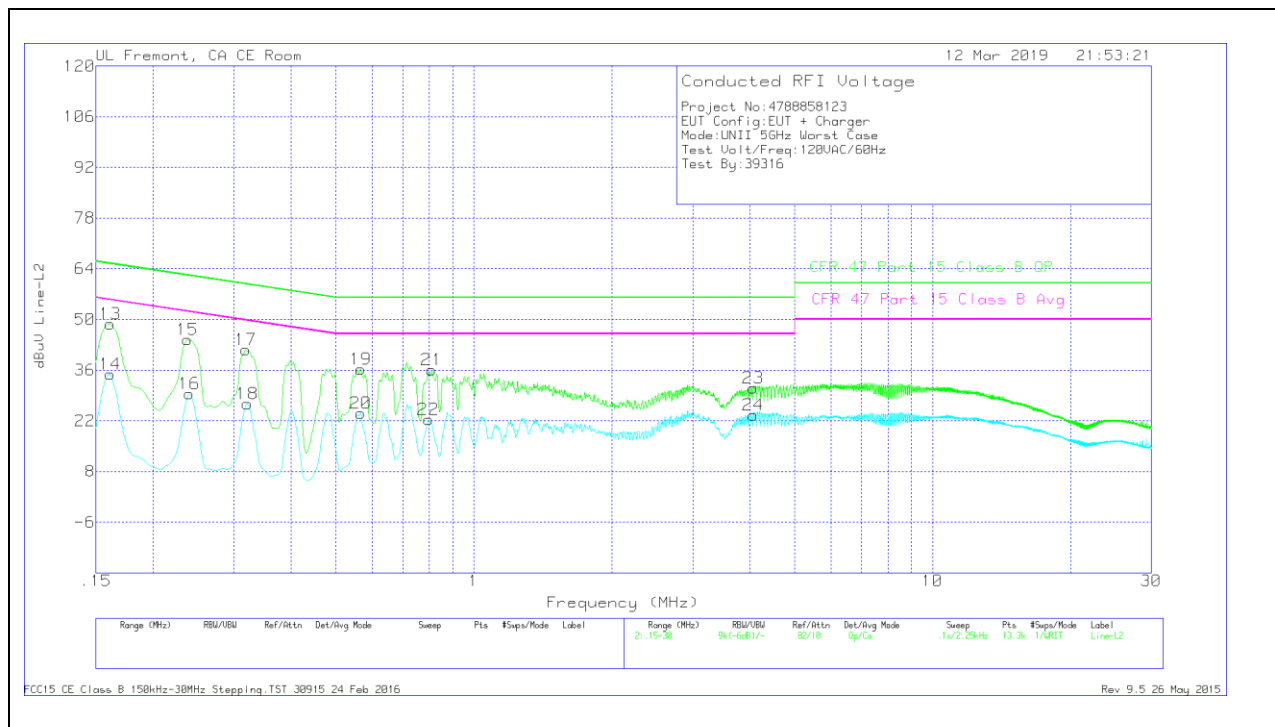
**2.1.2. AC Power Line Norm****LINE 1 RESULTS****Range 1: Line-L1 .15 - 30MHz**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 1      | .16013          | 42.31                | Qp  | .1      | 0               | 10.1         | 52.51                  | 65.46                     | -12.95         | -                          | -                    |
| 2      | .16125          | 28.77                | Ca  | .1      | 0               | 10.1         | 38.97                  | -                         | -              | 55.4                       | -16.43               |
| 3      | .24             | 36.04                | Qp  | 0       | 0               | 10.1         | 46.14                  | 62.1                      | -15.96         | -                          | -                    |
| 4      | .24225          | 21.04                | Ca  | 0       | 0               | 10.1         | 31.14                  | -                         | -              | 52.02                      | -20.88               |
| 5      | .321            | 32.95                | Qp  | 0       | 0               | 10.1         | 43.05                  | 59.68                     | -16.63         | -                          | -                    |
| 6      | .32325          | 16.87                | Ca  | 0       | 0               | 10.1         | 26.97                  | -                         | -              | 49.62                      | -22.65               |
| 7      | .39975          | 30.18                | Qp  | 0       | 0               | 10.1         | 40.28                  | 57.86                     | -17.58         | -                          | -                    |
| 8      | .402            | 14.74                | Ca  | 0       | 0               | 10.1         | 24.84                  | -                         | -              | 47.81                      | -22.97               |
| 9      | .71925          | 24.59                | Qp  | 0       | 0               | 10.1         | 34.69                  | 56                        | -21.31         | -                          | -                    |
| 10     | .7215           | 13.35                | Ca  | 0       | 0               | 10.1         | 23.45                  | -                         | -              | 46                         | -22.55               |
| 11     | 4.13588         | 20.96                | Qp  | 0       | .1              | 10.1         | 31.16                  | 56                        | -24.84         | -                          | -                    |
| 12     | 4.1325          | 13.83                | Ca  | 0       | .1              | 10.1         | 24.03                  | -                         | -              | 46                         | -21.97               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
| 13                           | .16125          | 38.55                | Qp  | .1      | 0               | 10.1         | 48.75                  | 65.4                      | -16.65         | -                          | -                    |
| 14                           | .16125          | 24.7                 | Ca  | .1      | 0               | 10.1         | 34.9                   | -                         | -              | 55.4                       | -20.5                |
| 15                           | .23775          | 34.28                | Qp  | 0       | 0               | 10.1         | 44.38                  | 62.17                     | -17.79         | -                          | -                    |
| 16                           | .24             | 19.44                | Ca  | 0       | 0               | 10.1         | 29.54                  | -                         | -              | 52.1                       | -22.56               |
| 17                           | .31875          | 31.49                | Qp  | 0       | 0               | 10.1         | 41.59                  | 59.74                     | -18.15         | -                          | -                    |
| 18                           | .321            | 16.53                | Ca  | 0       | 0               | 10.1         | 26.63                  | -                         | -              | 49.68                      | -23.05               |
| 19                           | .56625          | 26.18                | Qp  | 0       | 0               | 10.1         | 36.28                  | 56                        | -19.72         | -                          | -                    |
| 20                           | .56625          | 13.93                | Ca  | 0       | 0               | 10.1         | 24.03                  | -                         | -              | 46                         | -21.97               |
| 21                           | .80925          | 25.92                | Qp  | 0       | 0               | 10.1         | 36.02                  | 56                        | -19.98         | -                          | -                    |
| 22                           | .79575          | 12.2                 | Ca  | 0       | 0               | 10.1         | 22.3                   | -                         | -              | 46                         | -23.7                |
| 23                           | 4.06275         | 20.88                | Qp  | 0       | .1              | 10.1         | 31.08                  | 56                        | -24.92         | -                          | -                    |
| 24                           | 4.06275         | 13.33                | Ca  | 0       | .1              | 10.1         | 23.53                  | -                         | -              | 46                         | -22.47               |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## END OF TEST REPORT

### **3. SETUP PHOTOS**

Please refer to 12696946-EP1V1 for setup photos