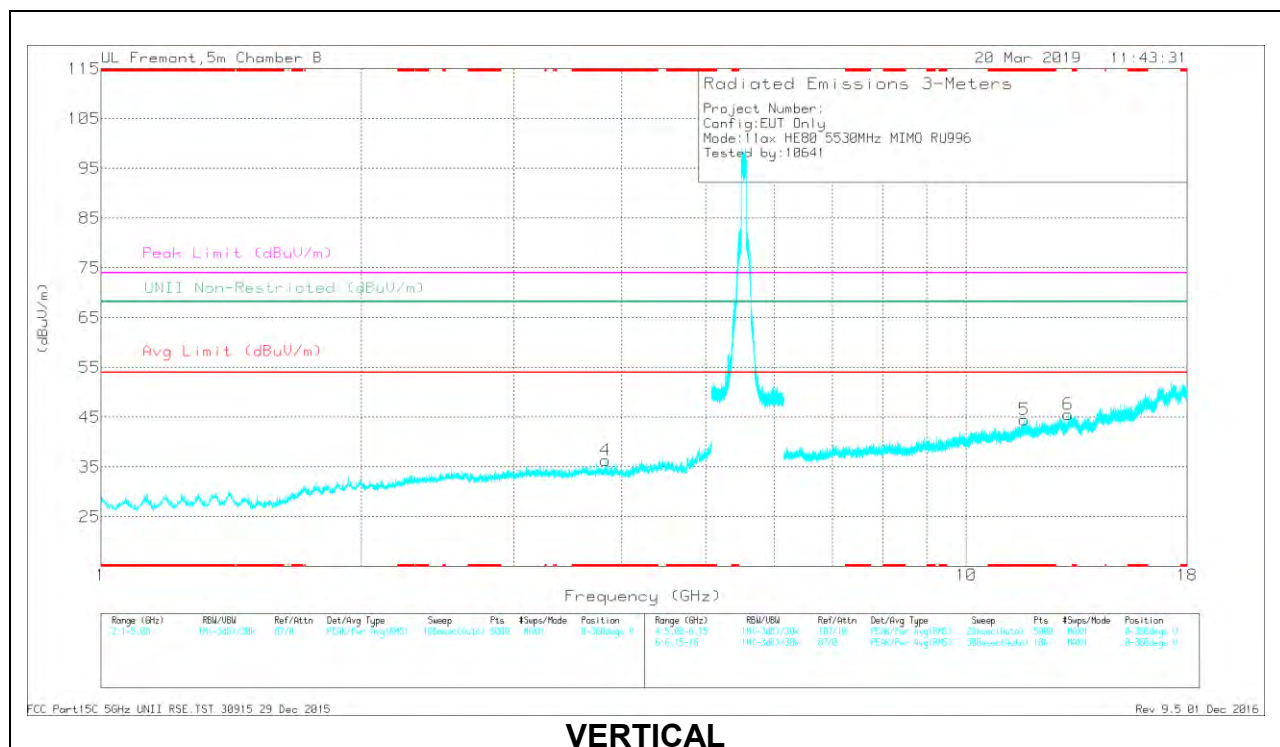
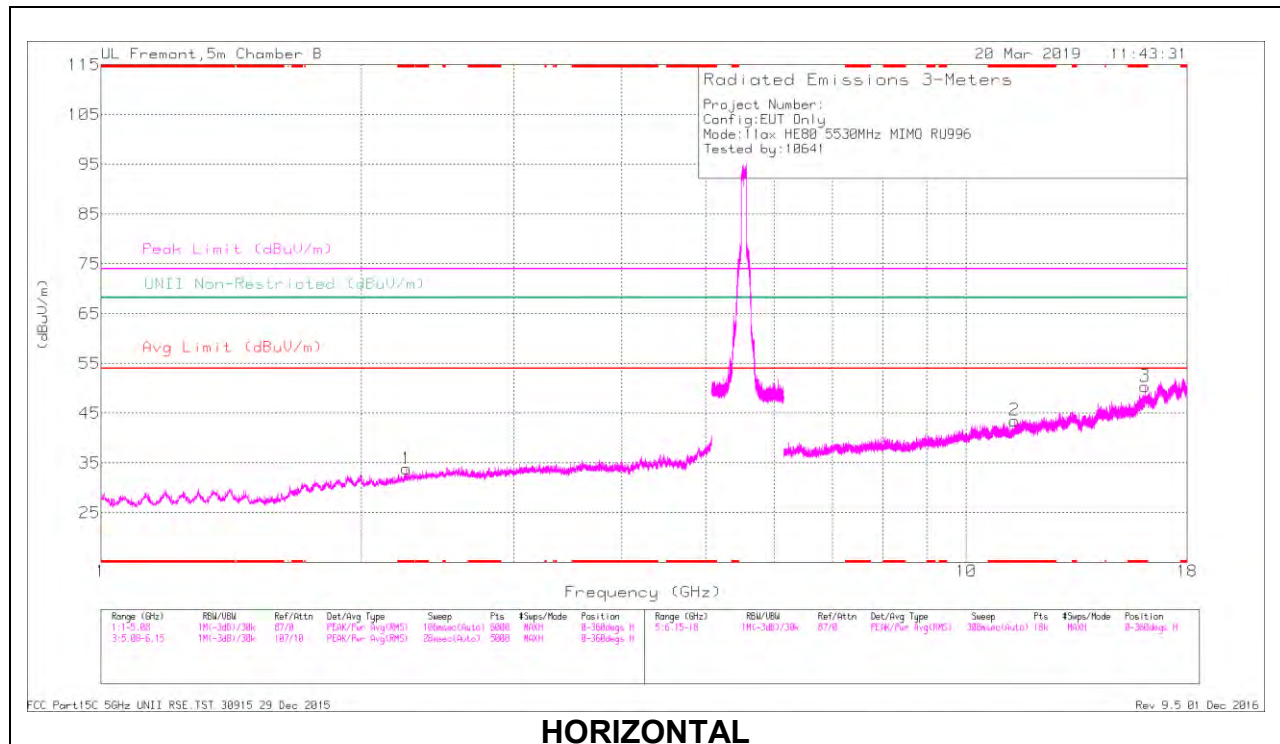


**HARMONICS AND SPURIOUS EMISSIONS****LOW CHANNEL RESULTS**

## RADIATED EMISSIONS

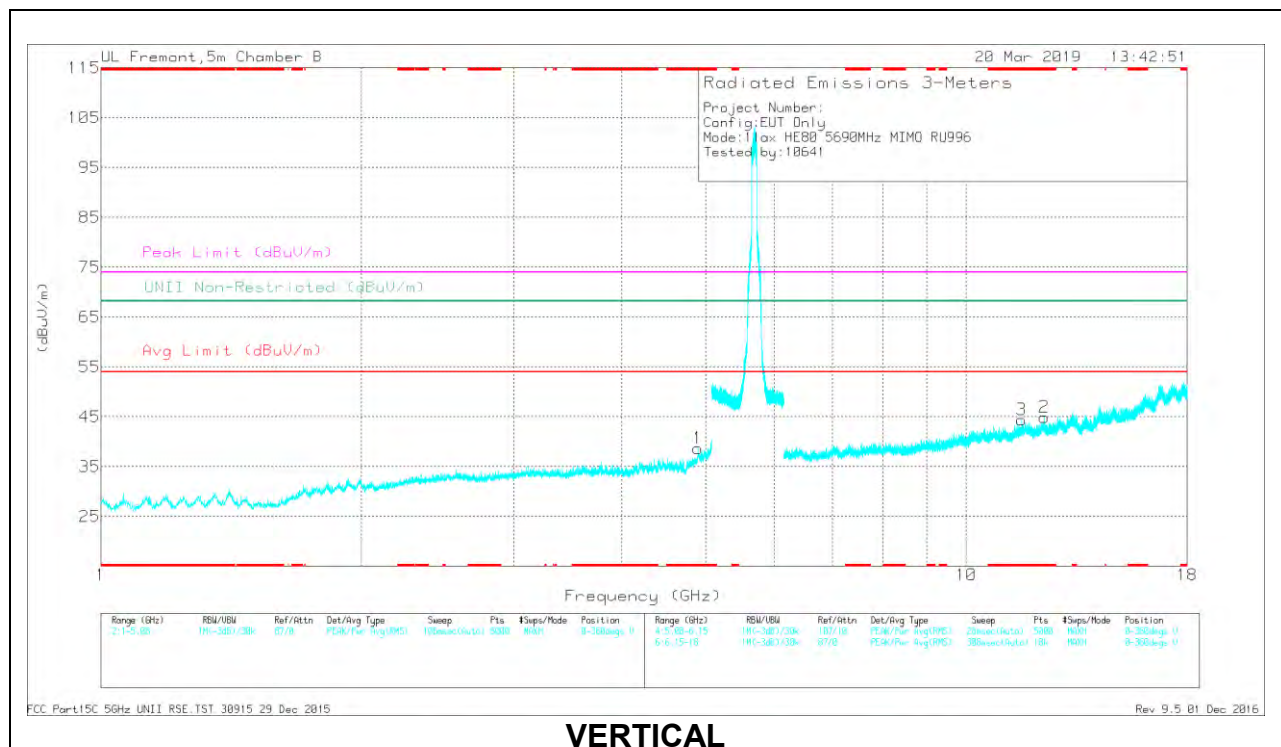
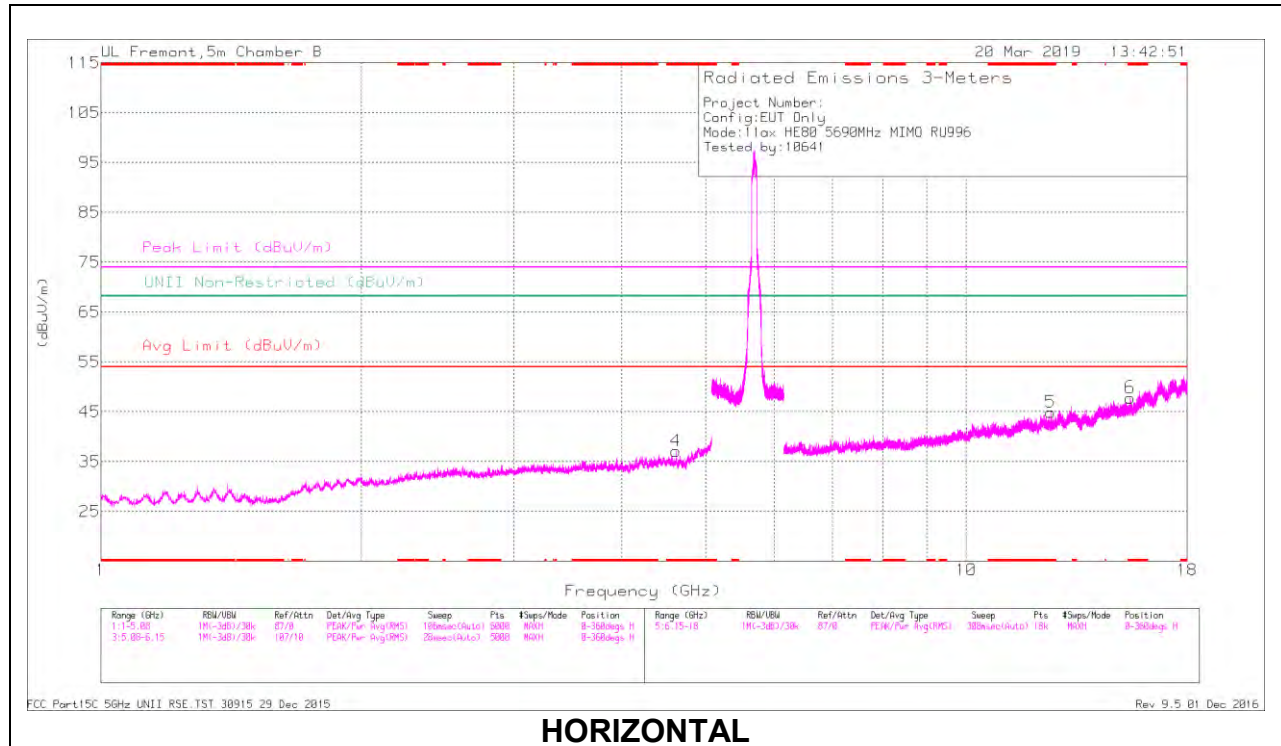
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 2.257         | 39.58                | PK-U | 31.8          | -31.1                | 40.28                      | -                  | -           | 74                  | -33.72         | -                            | -              | 348            | 109         | H        |
|        | * 2.257         | 27.88                | ADR  | 31.8          | -31                  | 28.68                      | 54                 | -25.32      | -                   | -              | -                            | -              | 348            | 109         | H        |
| 4      | * 3.831         | 39.52                | PK-U | 33.4          | -29.9                | 43.02                      | -                  | -           | 74                  | -30.98         | -                            | -              | 304            | 135         | V        |
|        | * 3.828         | 27.41                | ADR  | 33.4          | -29.9                | 30.91                      | 54                 | -23.09      | -                   | -              | -                            | -              | 304            | 135         | V        |
| 2      | * 11.378        | 35.06                | PK-U | 38.4          | -20.8                | 52.66                      | -                  | -           | 74                  | -21.34         | -                            | -              | 259            | 152         | H        |
|        | * 11.377        | 19.77                | ADR  | 38.3          | -20.8                | 37.27                      | 54                 | -16.73      | -                   | -              | -                            | -              | 259            | 152         | H        |
| 3      | * 16.094        | 32.7                 | PK-U | 43            | -17.8                | 57.9                       | -                  | -           | 74                  | -16.1          | -                            | -              | 265            | 173         | H        |
|        | * 16.092        | 18.41                | ADR  | 42.9          | -17.7                | 43.61                      | 54                 | -10.39      | -                   | -              | -                            | -              | 265            | 173         | H        |
| 5      | * 11.662        | 32.88                | PK-U | 38.8          | -20.4                | 51.28                      | -                  | -           | 74                  | -22.72         | -                            | -              | 244            | 191         | V        |
|        | * 11.662        | 19.06                | ADR  | 38.8          | -20.4                | 37.46                      | 54                 | -16.54      | -                   | -              | -                            | -              | 244            | 191         | V        |
| 6      | 13.122          | 33                   | PK-U | 40            | -20.3                | 52.7                       | -                  | -           | -                   | -              | 68.2                         | -15.5          | 229            | 206         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## CHANNEL 138 RESULTS



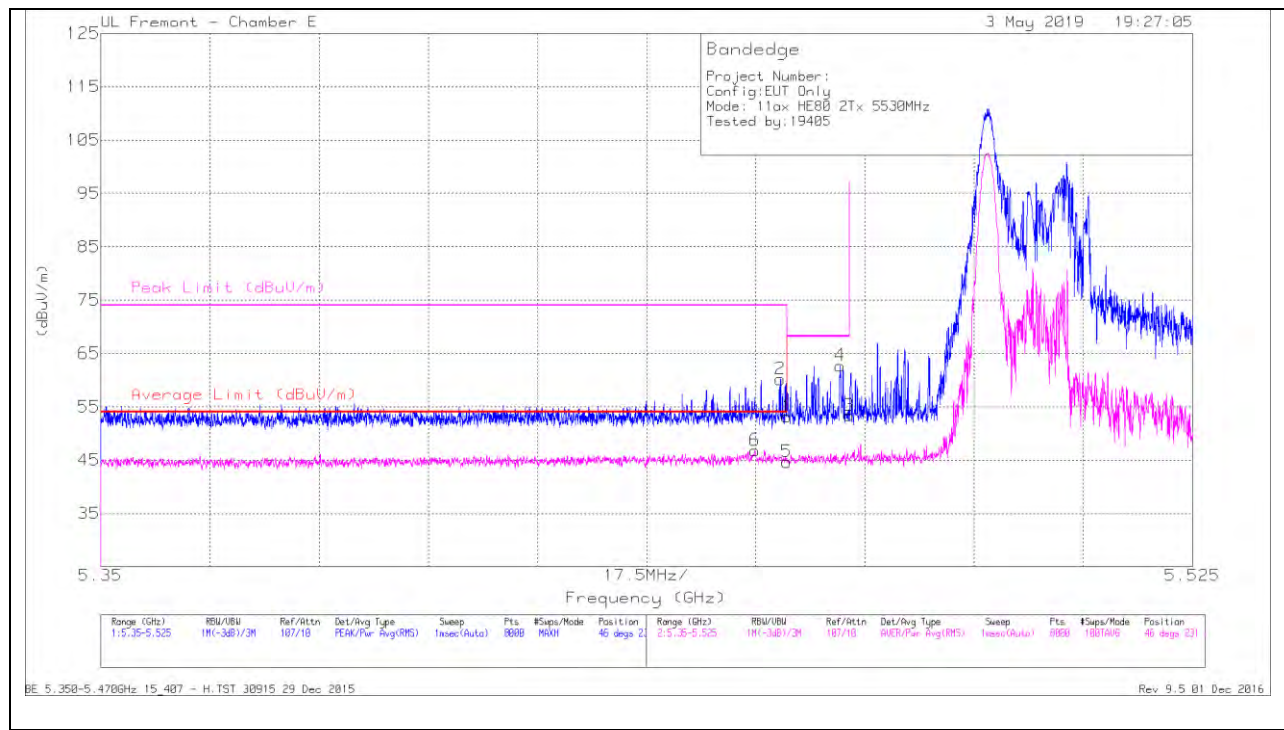
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 4.615         | 37.7                 | PK-U | 34.1          | -28.3                | 43.5                       | -                  | -           | 74                  | -30.5          | 323            | 118         | H        |
|        | * 4.616         | 25.94                | ADR  | 34.1          | -28.3                | 31.74                      | 54                 | -22.26      | -                   | -              | 323            | 118         | H        |
| 1      | * 4.897         | 38.64                | PK-U | 34.4          | -27.5                | 45.54                      | -                  | -           | 74                  | -28.46         | 295            | 106         | V        |
|        | * 4.897         | 26.54                | ADR  | 34.4          | -27.5                | 33.44                      | 54                 | -20.56      | -                   | -              | 295            | 106         | V        |
| 5      | * 12.519        | 32.76                | PK-U | 39.1          | -20.5                | 51.36                      | -                  | -           | 74                  | -22.64         | 268            | 142         | H        |
|        | * 12.518        | 19.66                | ADR  | 39.1          | -20.5                | 38.26                      | 54                 | -15.74      | -                   | -              | 268            | 142         | H        |
| 6      | * 15.478        | 32.09                | PK-U | 40.7          | -18.6                | 54.19                      | -                  | -           | 74                  | -19.81         | 243            | 179         | H        |
|        | * 15.476        | 18.14                | ADR  | 40.7          | -18.7                | 40.14                      | 54                 | -13.86      | -                   | -              | 243            | 179         | H        |
| 2      | * 12.299        | 33.05                | PK-U | 39.1          | -20                  | 52.15                      | -                  | -           | 74                  | -21.85         | 217            | 210         | V        |
|        | * 12.295        | 20.35                | ADR  | 39.1          | -19.9                | 39.55                      | 54                 | -14.45      | -                   | -              | 217            | 210         | V        |
| 3      | * 11.593        | 33.37                | PK-U | 38.6          | -20.9                | 51.07                      | -                  | -           | 74                  | -22.93         | 262            | 259         | V        |
|        | * 11.591        | 19.89                | ADR  | 38.6          | -20.9                | 37.59                      | 54                 | -16.41      | -                   | -              | 262            | 259         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 39.9                 | Pk  | 34.6           | -21.3                  | 53.2                       | -                      | -           | 74                  | -20.8          | 46             | 231         | H        |
| 2      | * 5.459         | 46.88                | Pk  | 34.6           | -21.3                  | 60.18                      | -                      | -           | 74                  | -13.82         | 46             | 231         | H        |
| 5      | * 5.46          | 31.37                | RMS | 34.6           | -21.3                  | 44.67                      | 54                     | -9.33       | -                   | -              | 46             | 231         | H        |
| 6      | * 5.455         | 33.6                 | RMS | 34.6           | -21.4                  | 46.8                       | 54                     | -7.2        | -                   | -              | 46             | 231         | H        |
| 4      | 5.468           | 49.39                | Pk  | 34.6           | -21.3                  | 62.69                      | -                      | -           | 68.2                | -5.51          | 46             | 231         | H        |
| 3      | 5.47            | 40.07                | Pk  | 34.6           | -21.3                  | 53.37                      | -                      | -           | 68.2                | -14.83         | 46             | 231         | H        |

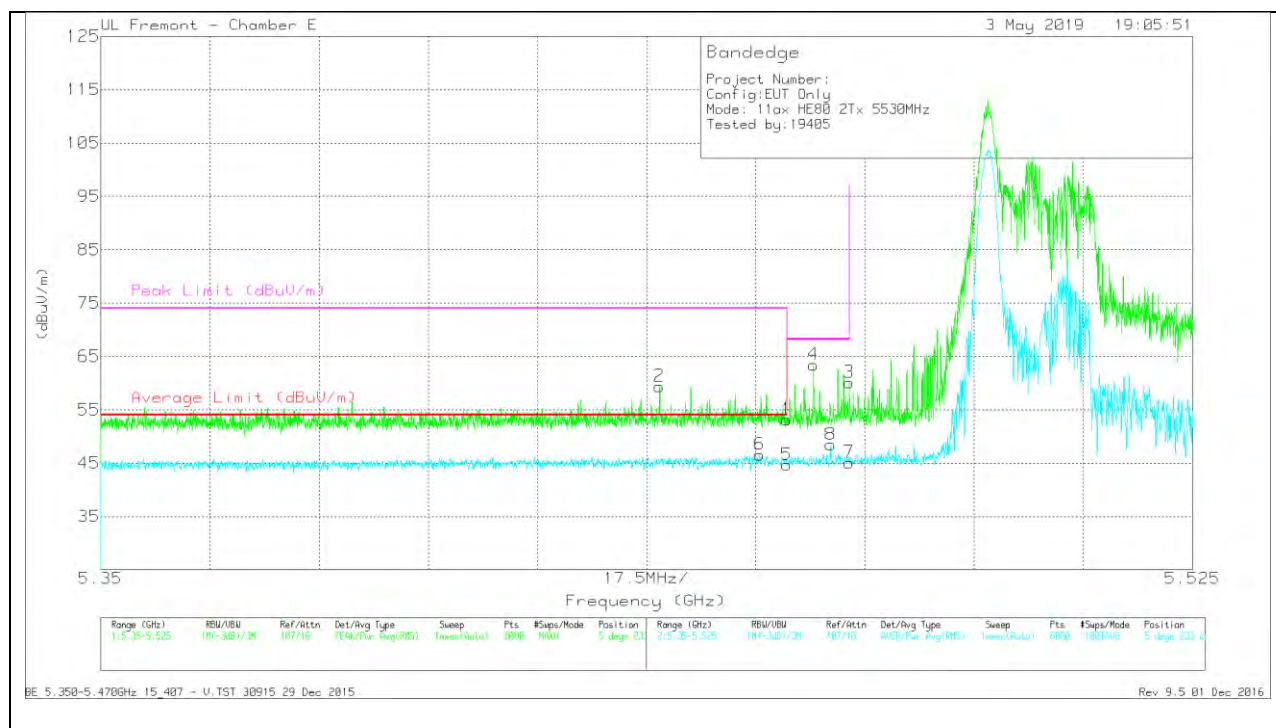
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



## VERTICAL RESULT

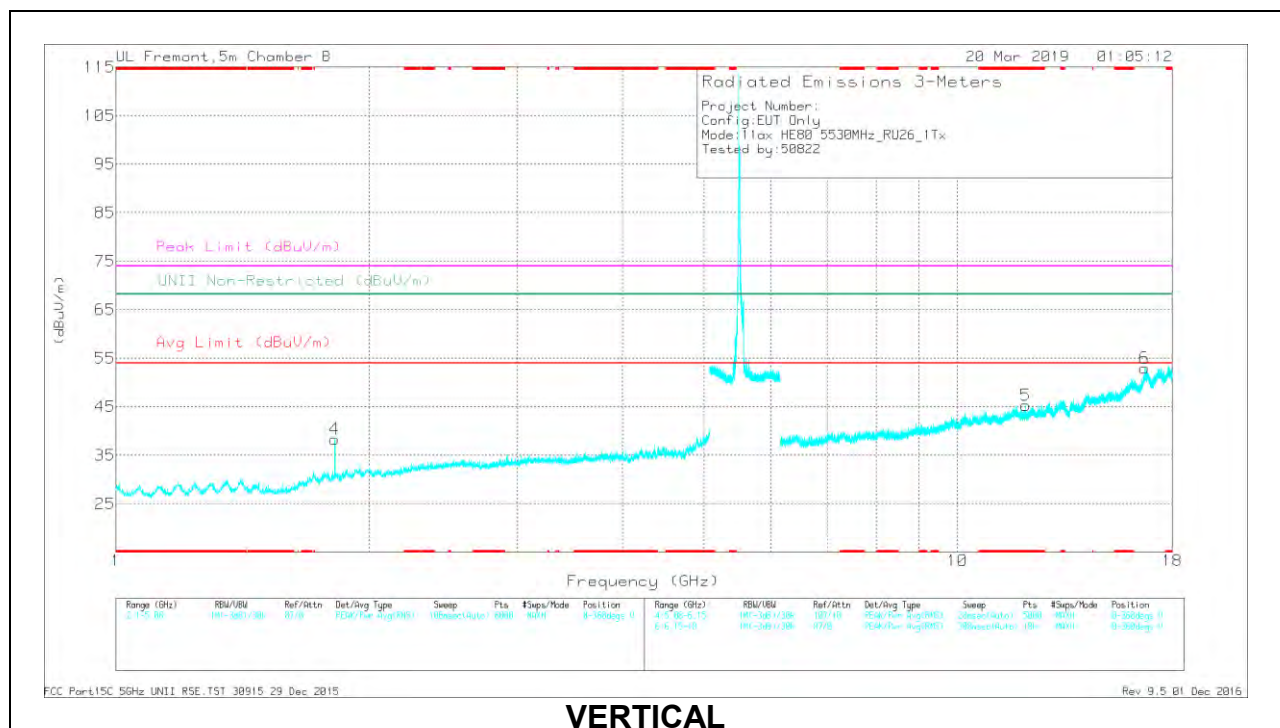
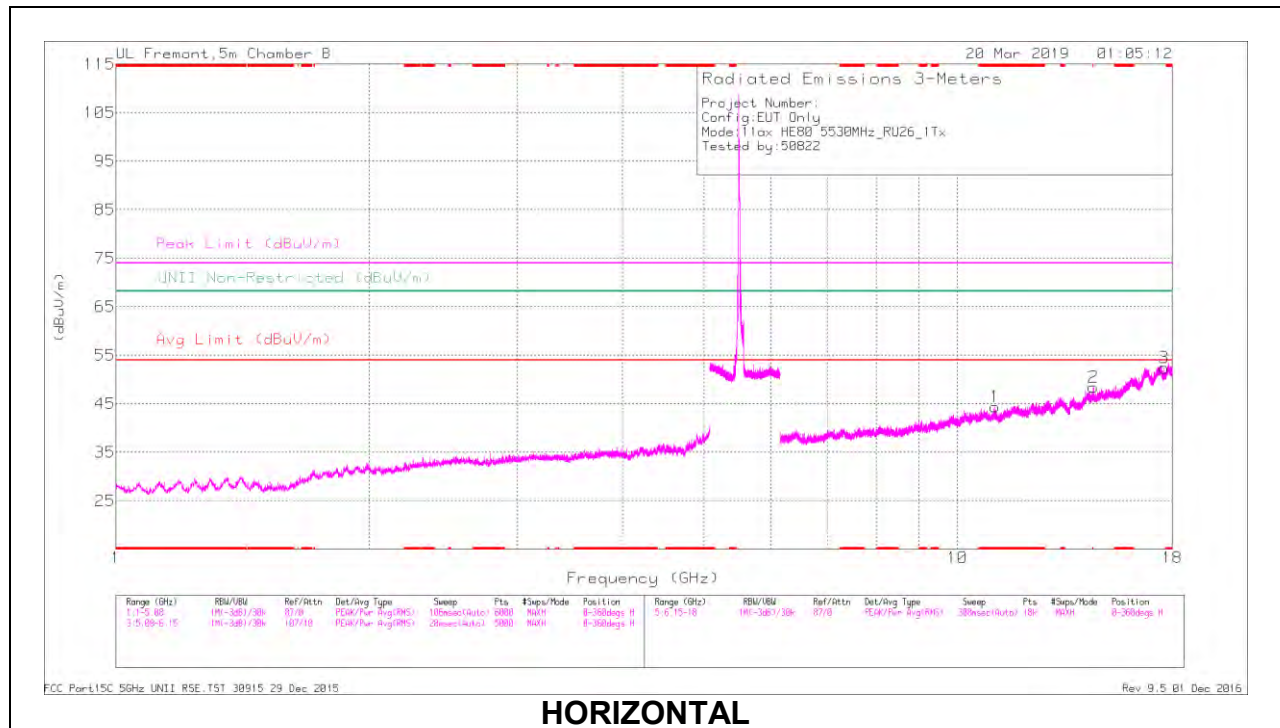


| Marker | Frequenc<br>y (GHz) | Meter<br>Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Filt/P<br>ad (dB) | Correcte<br>d Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|---------------------|-------------------------|-----|----------------|---------------------------|--------------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46              | 39.89                   | Pk  | 34.6           | -21.3                     | 53.19                          | -                      | -           | 74                  | -20.81         | 5              | 233         | V        |
| 2      | * 5.44              | 46.3                    | Pk  | 34.5           | -21.4                     | 59.4                           | -                      | -           | 74                  | -14.6          | 5              | 233         | V        |
| 5      | * 5.46              | 31.38                   | RMS | 34.6           | -21.3                     | 44.68                          | 54                     | -9.32       | -                   | -              | 5              | 233         | V        |
| 6      | * 5.456             | 33.3                    | RMS | 34.6           | -21.3                     | 46.6                           | 54                     | -7.4        | -                   | -              | 5              | 233         | V        |
| 4      | 5.464               | 50.26                   | Pk  | 34.5           | -21.3                     | 63.46                          | -                      | -           | 68.2                | -4.74          | 5              | 233         | V        |
| 8      | 5.467               | 35.3                    | RMS | 34.5           | -21.3                     | 48.5                           | -                      | -           | -                   | -              | 5              | 233         | V        |
| 3      | 5.47                | 46.83                   | Pk  | 34.6           | -21.3                     | 60.13                          | -                      | -           | 68.2                | -8.07          | 5              | 233         | V        |
| 7      | 5.47                | 31.8                    | RMS | 34.6           | -21.3                     | 45.1                           | -                      | -           | -                   | -              | 5              | 233         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Ctrl/Ftr/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      | * 11.09         | 33.17                | PK-U | 37.8           | -20.8                 | 50.17                      | -                  | -           | 74                  | -23.83         | -                            | -              | 2              | 240         | H        |
|        | * 11.088        | 21.67                | ADR  | 37.8           | -20.8                 | 38.67                      | 54                 | -15.33      | -                   | -              | -                            | -              | 2              | 240         | H        |
| 5      | * 12.056        | 33.34                | PK-U | 38.8           | -20.9                 | 51.24                      | -                  | -           | 74                  | -22.76         | -                            | -              | 156            | 304         | H        |
|        | * 12.056        | 21.44                | ADR  | 38.8           | -20.8                 | 39.44                      | 54                 | -14.56      | -                   | -              | -                            | -              | 156            | 304         | H        |
| 4      | 1.821           | 40.97                | PK-U | 30.8           | -32.7                 | 39.07                      | -                  | -           | -                   | -              | 68.2                         | -29.13         | 87             | 214         | V        |
| 2      | 14.504          | 32.94                | PK-U | 39.9           | -18.8                 | 54.04                      | -                  | -           | -                   | -              | 68.2                         | -14.16         | 185            | 120         | H        |
| 6      | 16.695          | 32.77                | PK-U | 44.3           | -17.5                 | 59.57                      | -                  | -           | -                   | -              | 68.2                         | -8.63          | 158            | 159         | V        |
| 3      | 17.598          | 32.63                | PK-U | 43.1           | -17.3                 | 58.43                      | -                  | -           | -                   | -              | 68.2                         | -9.77          | 306            | 277         | H        |

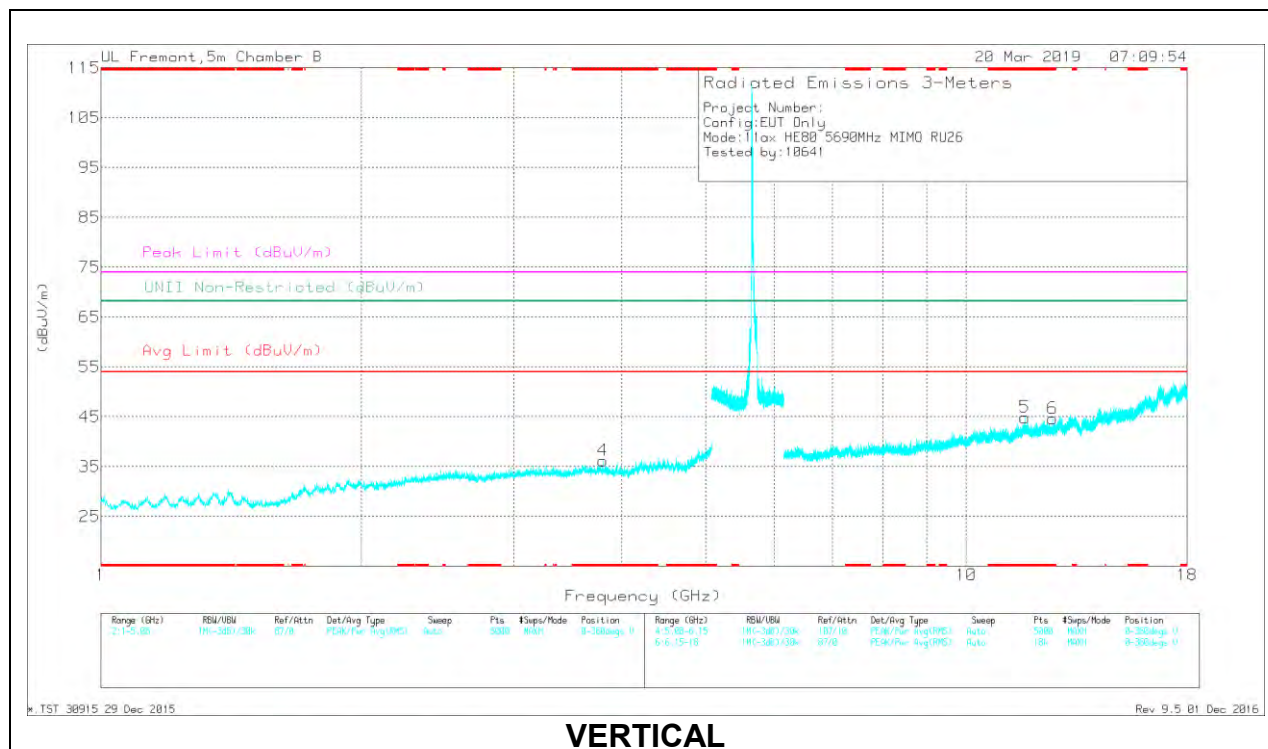
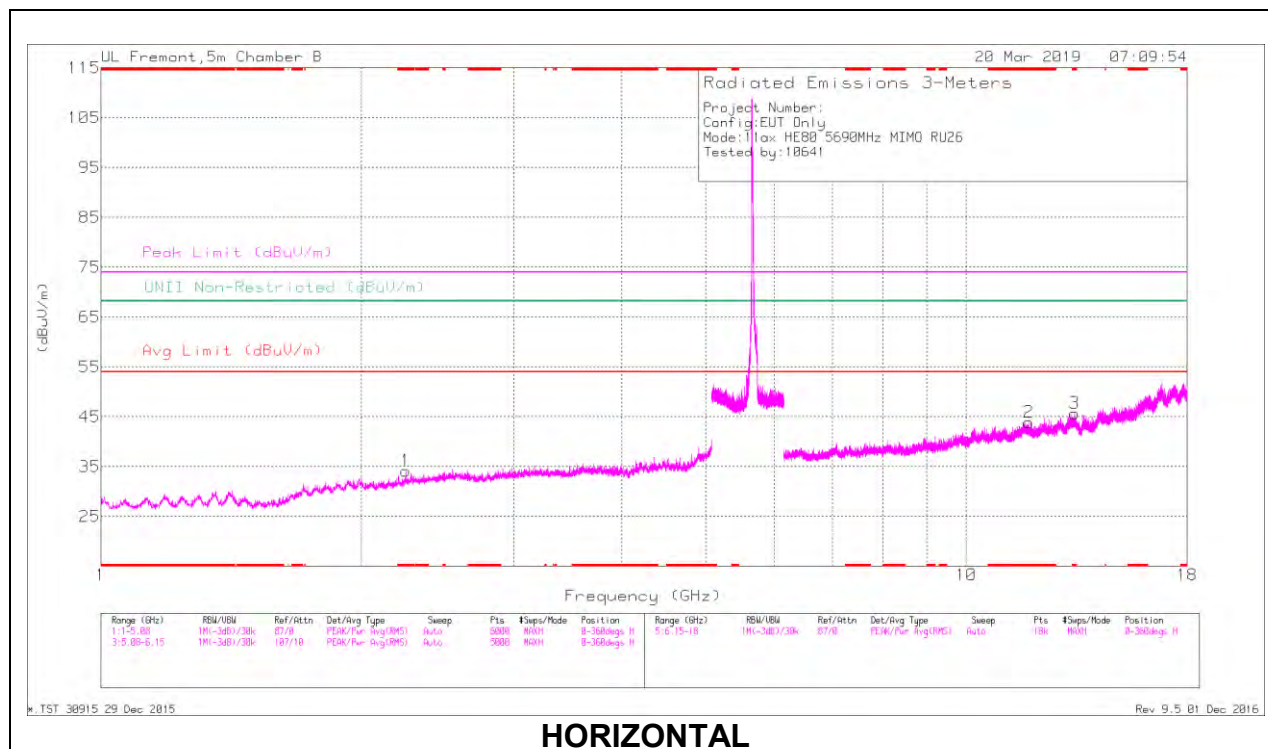
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



## CHANNEL 138 RESULTS



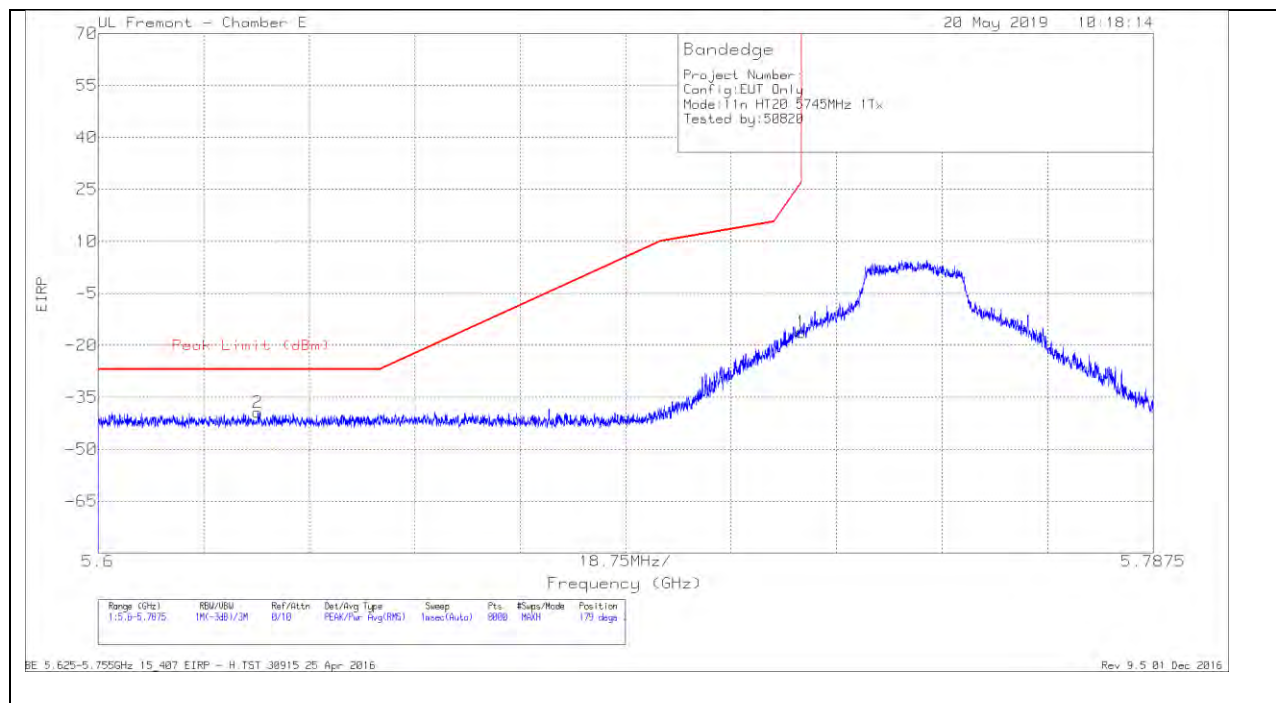
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.25          | 39.93                | PK-U | 31.7          | -31                    | 40.63                      | -                  | -           | 74                  | -33.37         | 15             | 229         | H        |
|        | * 2.248         | 27.88                | ADR  | 31.7          | -31.1                  | 28.48                      | 54                 | -25.52      | -                   | -              | 15             | 229         | H        |
| 4      | * 3.801         | 38.61                | PK-U | 33.4          | -29.4                  | 42.61                      | -                  | -           | 74                  | -31.39         | 58             | 214         | V        |
|        | * 3.804         | 26.68                | ADR  | 33.4          | -29.5                  | 30.58                      | 54                 | -23.42      | -                   | -              | 58             | 214         | V        |
| 2      | * 11.814        | 33.02                | PK-U | 39.1          | -21                    | 51.12                      | -                  | -           | 74                  | -22.88         | 99             | 289         | H        |
|        | * 11.815        | 20.2                 | ADR  | 39.1          | -21                    | 38.3                       | 54                 | -15.7       | -                   | -              | 99             | 289         | H        |
| 3      | * 13.34         | 32.73                | PK-U | 40.6          | -20.9                  | 52.43                      | -                  | -           | 74                  | -21.57         | 111            | 262         | H        |
|        | * 13.341        | 19.8                 | ADR  | 40.6          | -20.9                  | 39.5                       | 54                 | -14.5       | -                   | -              | 111            | 262         | H        |
| 5      | * 11.695        | 32.33                | PK-U | 39            | -20.3                  | 51.03                      | -                  | -           | 74                  | -22.97         | 136            | 295         | V        |
|        | * 11.694        | 19.37                | ADR  | 39            | -20.3                  | 38.07                      | 54                 | -15.93      | -                   | -              | 136            | 295         | V        |
| 6      | * 12.577        | 32.8                 | PK-U | 39.2          | -20.6                  | 51.4                       | -                  | -           | 74                  | -22.6          | 165            | 311         | V        |
|        | * 12.577        | 19.7                 | ADR  | 39.2          | -20.6                  | 38.3                       | 54                 | -15.7       | -                   | -              | 165            | 311         | V        |

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

PK-U - U-NII: Maximum Peak

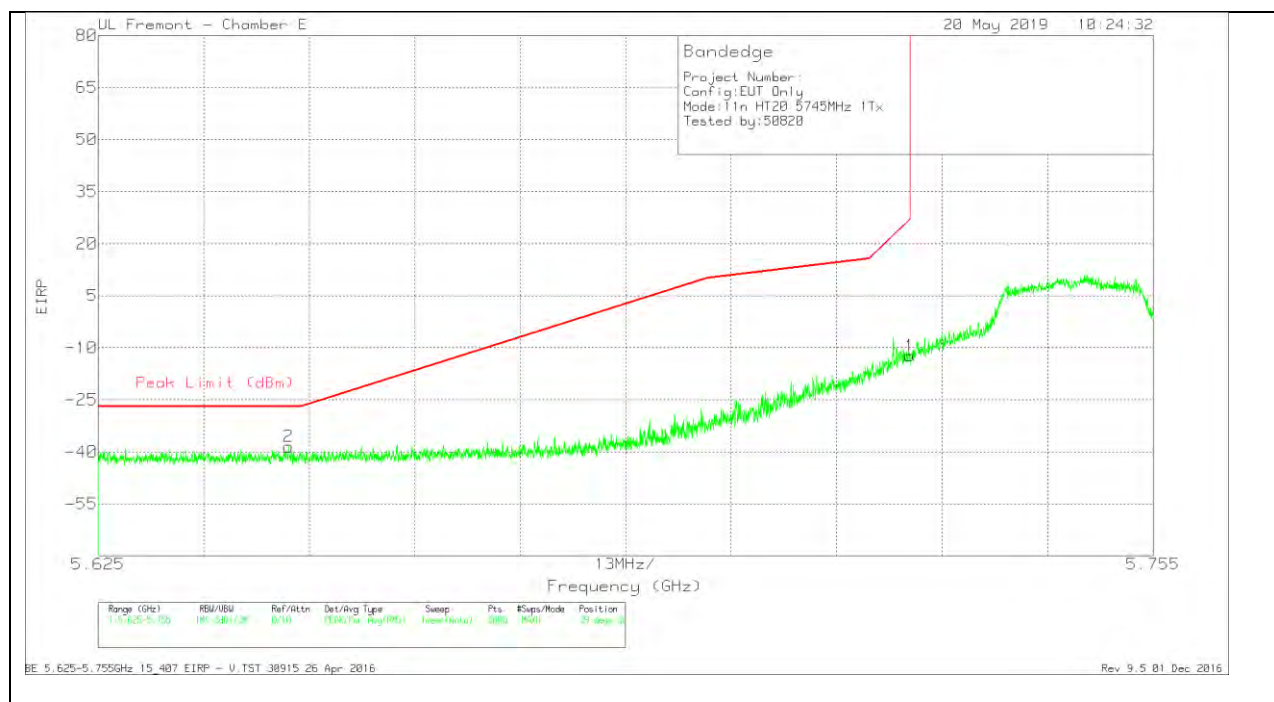
ADR - U-NII AD primary method, RMS average

**1.1.19. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND****1TX Antenna 4 MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.628           | -64.55              | Pk  | 34.8           | -21.4                  | 11.8                   | -39.35                 | -27              | -12.35         | 179            | 384         | H        |
| 1      | 5.725           | -41.91              | Pk  | 34.8           | -20.9                  | 11.8                   | -16.21                 | 26.96            | -43.17         | 179            | 384         | H        |

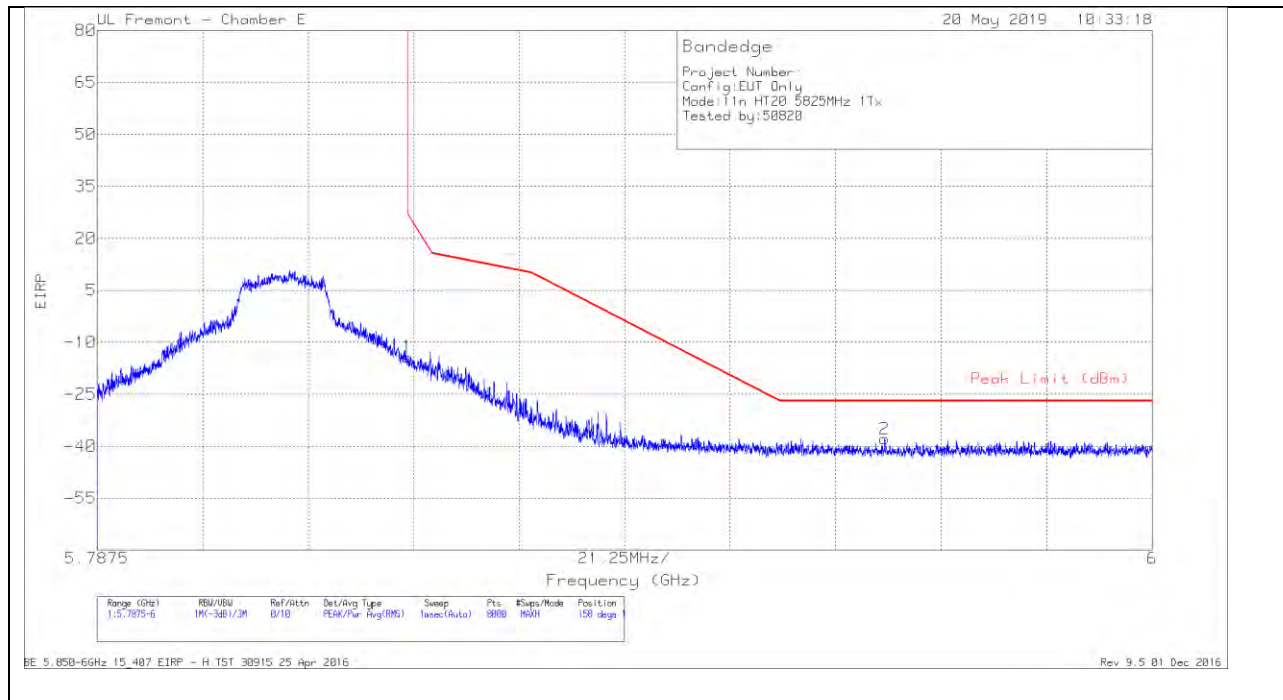
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.648           | -63.77              | Pk  | 34.8           | -21.3                  | 11.8                   | -38.47                 | -27              | -11.47         | 39             | 365         | V        |
| 1      | 5.725           | -37.99              | Pk  | 34.8           | -20.9                  | 11.8                   | -12.29                 | 27               | -39.29         | 39             | 365         | V        |

Pk - Peak detector

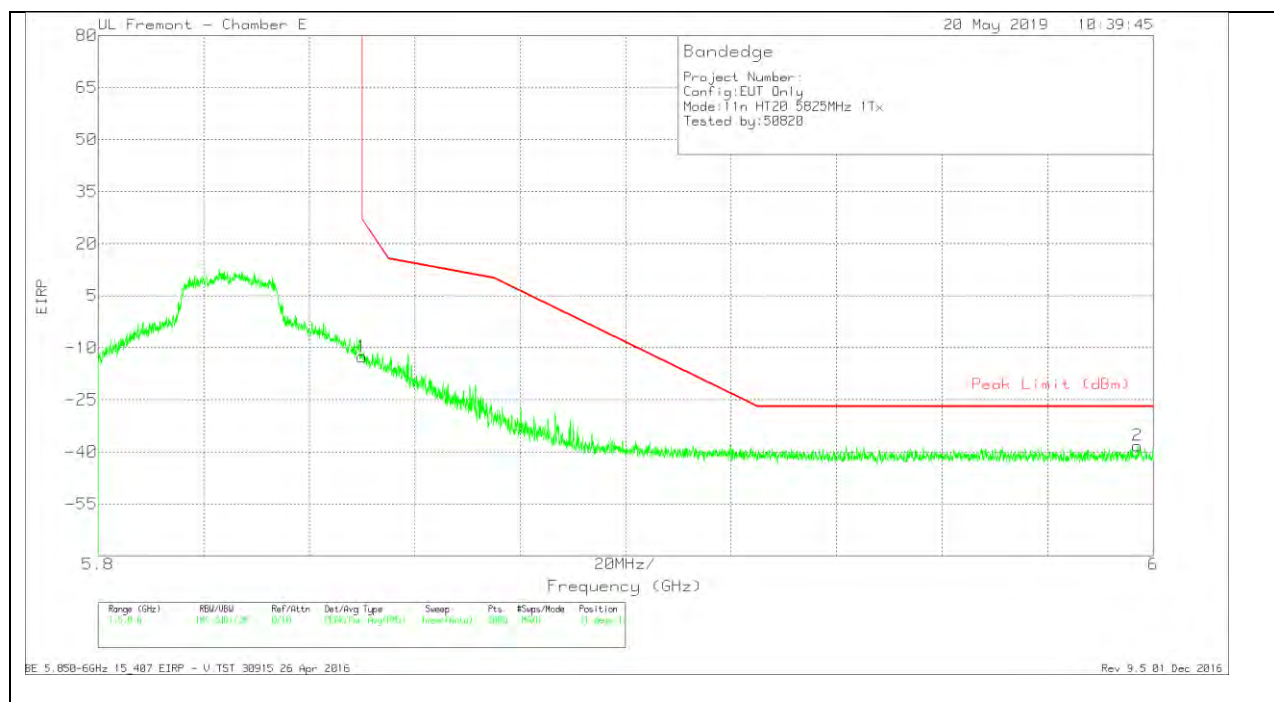
**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.85            | -40.44              | Pk  | 34.9           | -20.5                  | 11.8                   | -14.24                 | 26.98            | -41.22         | 158            | 117         | H        |
| 2      | 5.946           | -64.18              | Pk  | 35.1           | -20.6                  | 11.8                   | -37.88                 | -27              | -10.88         | 158            | 117         | H        |

Pk - Peak detector

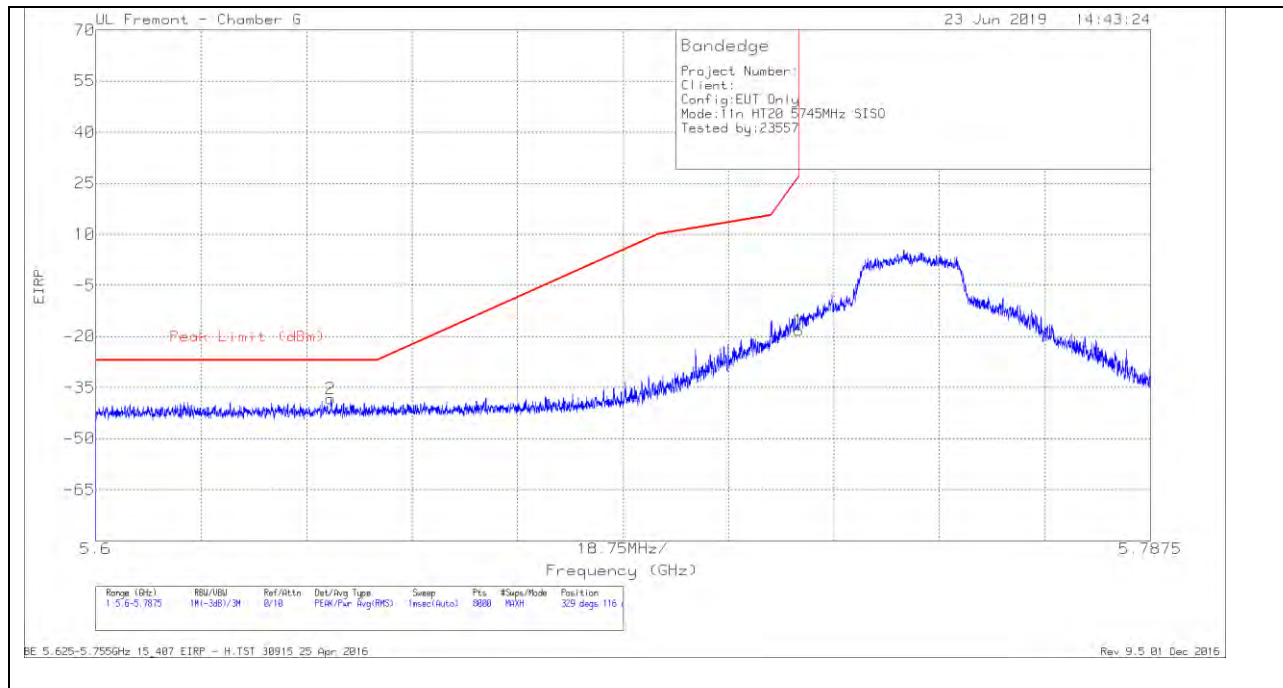


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -38.75              | Pk  | 34.9           | -20.5                 | 11.8                   | -12.55                 | 26.99            | -39.54         | 31             | 125         | V        |
| 2      | 5.997           | -64.65              | Pk  | 35.1           | -20.4                 | 11.8                   | -38.15                 | -27              | -11.15         | 31             | 125         | V        |

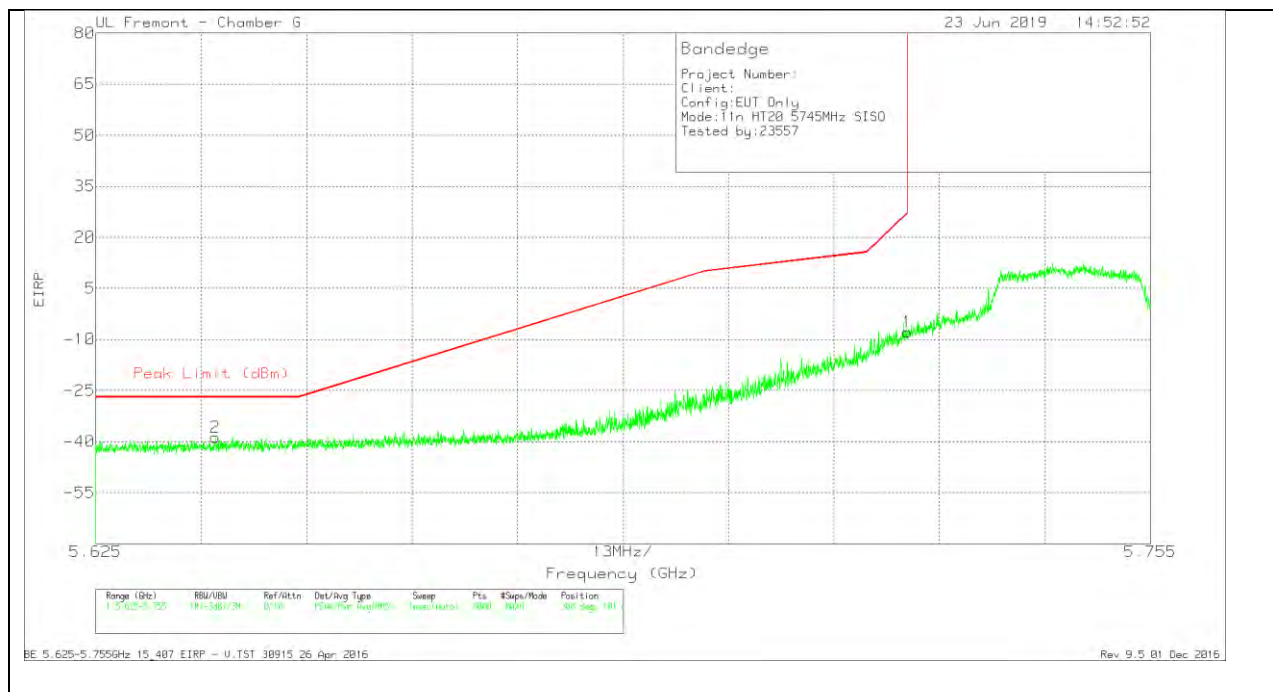
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.642           | -64.8               | Pk  | 35             | -20.2                 | 11.8                   | -38.2                  | -27              | -11.2          | 329            | 116         | H        |
| 1      | 5.725           | -45.08              | Pk  | 35.1           | -20                   | 11.8                   | -18.18                 | 26.96            | -45.14         | 329            | 116         | H        |

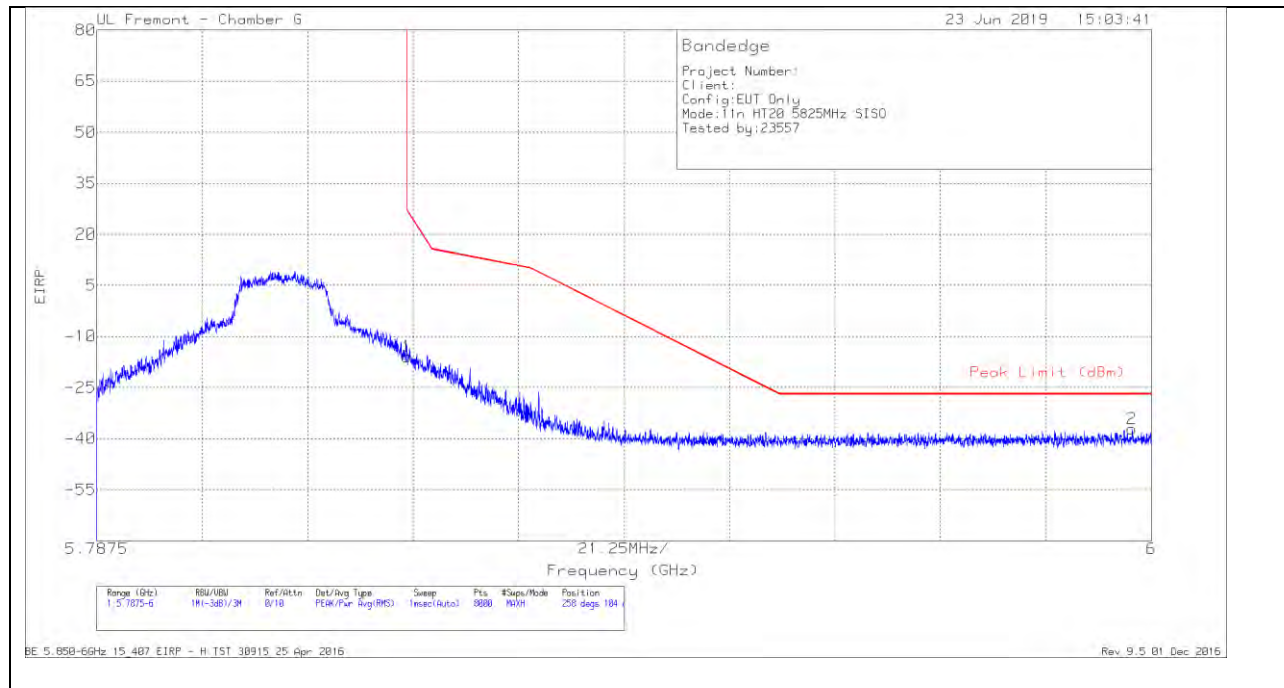
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.64            | -65.42              | Pk  | 35             | -20.2                  | 11.8                   | -38.82                 | -27              | -11.82         | 308            | 101         | V        |
| 1      | 5.725           | -34.79              | Pk  | 35.1           | -20                    | 11.8                   | -7.89                  | 27               | -34.89         | 308            | 101         | V        |

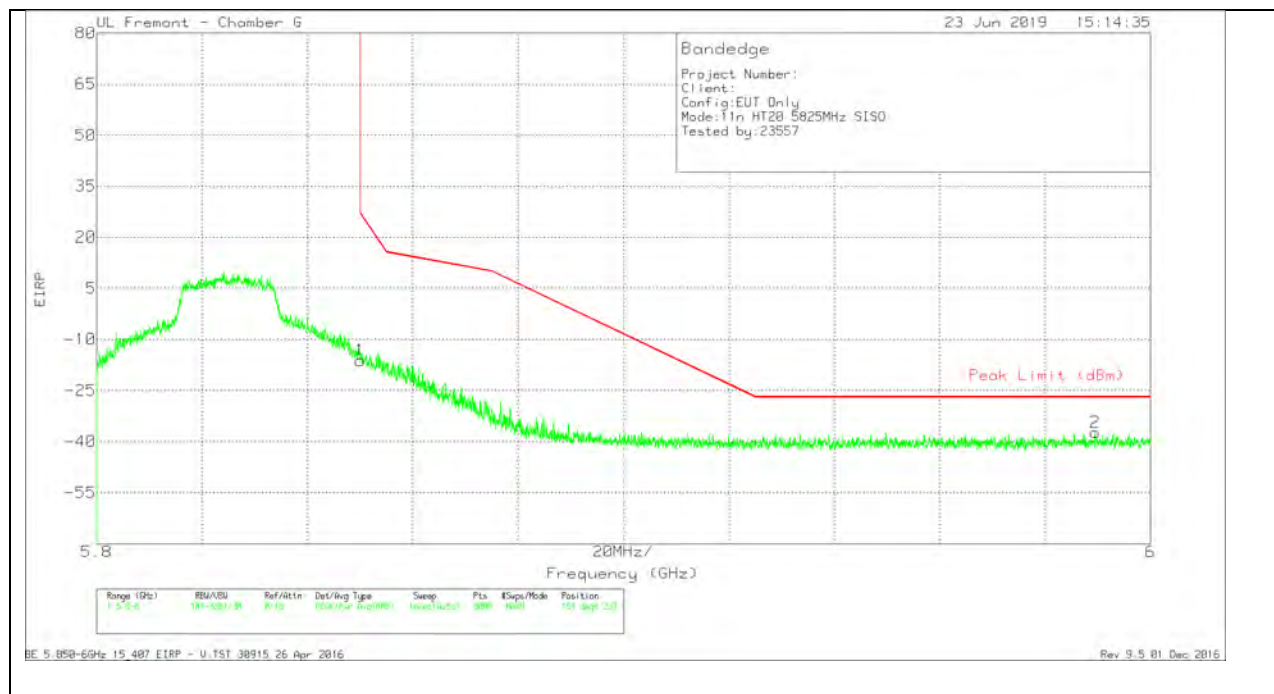
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -43.17              | Pk  | 35.4           | -19.9                 | 11.8                   | -15.87                 | 26.98            | -42.85         | 258            | 104         | H        |
| 2      | 5.996           | -64.42              | Pk  | 35.5           | -20                   | 11.8                   | -37.12                 | -27              | -10.12         | 258            | 104         | H        |

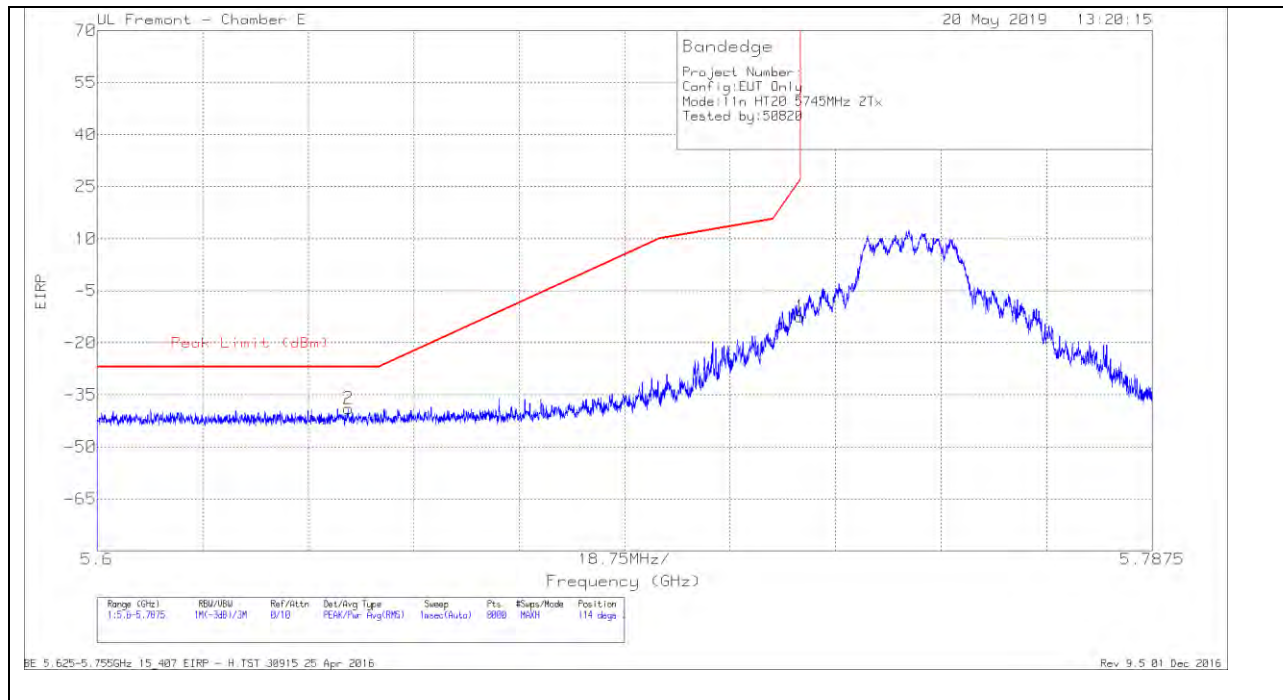
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (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            | -43.5               | Pk  | 35.4           | -19.9                  | 11.8                   | -16.2                  | 26.99            | -43.19         | 151            | 237         | V        |
| 2      | 5.99            | -64.75              | Pk  | 35.5           | -19.8                  | 11.8                   | -37.25                 | -27              | -10.25         | 151            | 237         | V        |

Pk - Peak detector

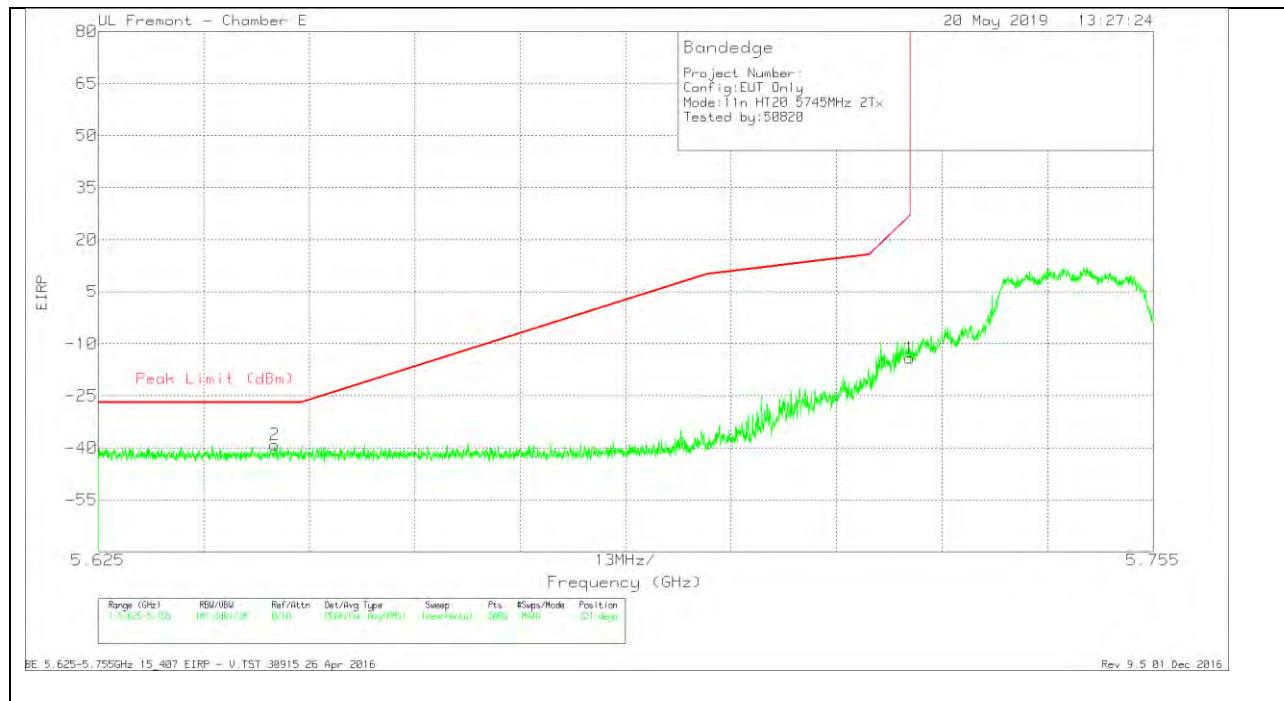
**2TX Antenna 4 + Antenna 5 CDD MODE****BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.645           | -64.22              | Pk  | 34.8           | -21.3                  | 11.8                   | -38.92                 | -27              | -11.92         | 114            | 380         | H        |
| 1      | 5.725           | -38.17              | Pk  | 34.8           | -20.9                  | 11.8                   | -12.47                 | 26.96            | -39.43         | 114            | 380         | H        |

Pk - Peak detector

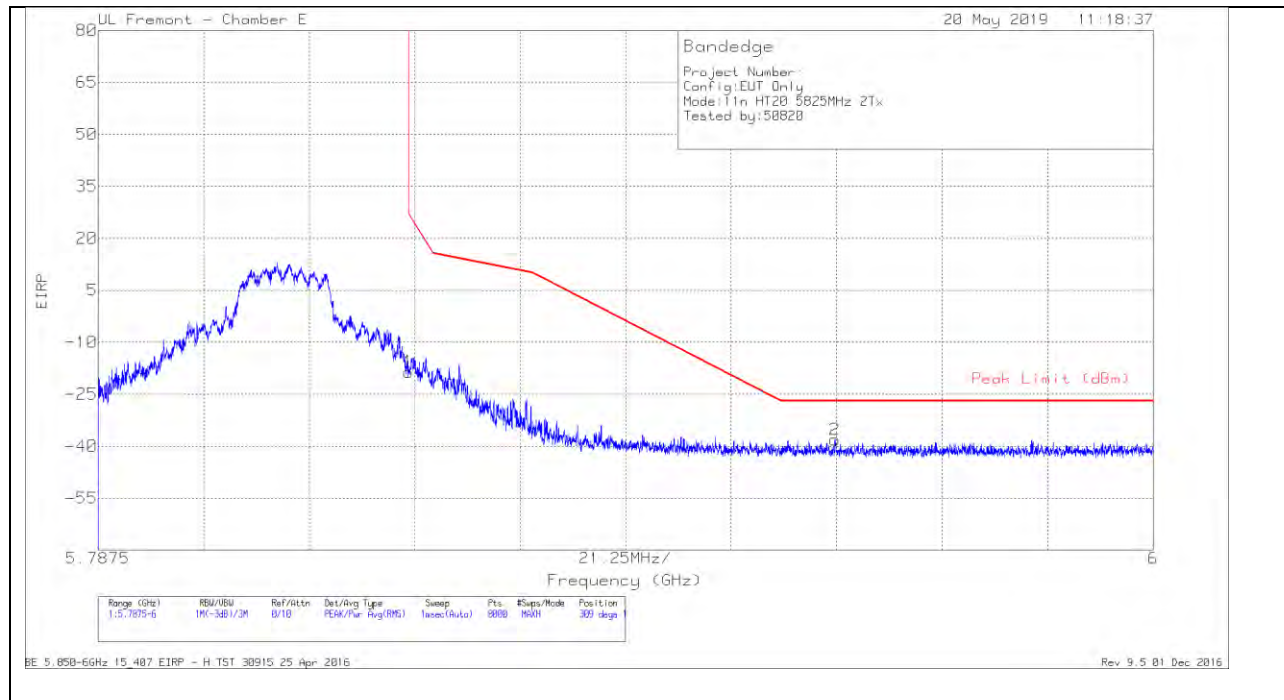


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.647           | -64.41              | Pk  | 34.8           | -21.3                  | 11.8                   | -39.11                 | -27              | -12.11         | 321            | 381         | V        |
| 1      | 5.725           | -39.87              | Pk  | 34.8           | -20.9                  | 11.8                   | -14.17                 | 27               | -41.17         | 321            | 381         | V        |

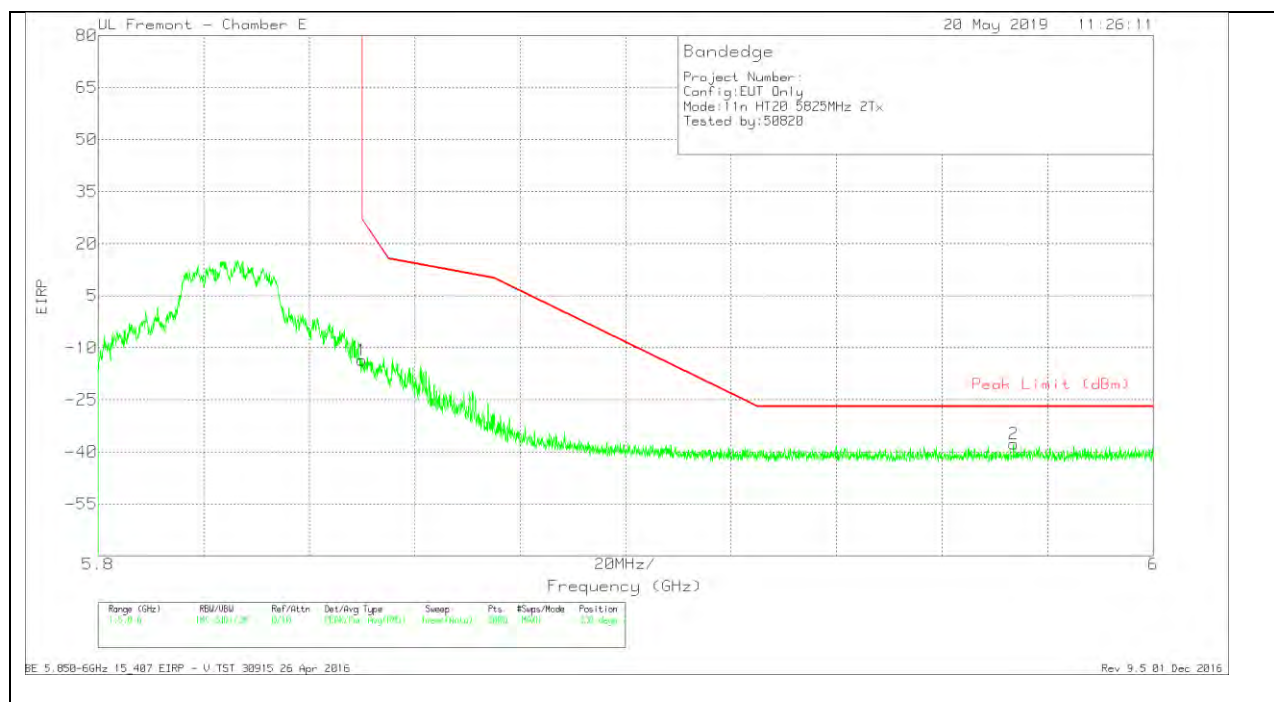
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.85            | -44.78              | Pk  | 34.9           | -20.5                  | 11.8                   | -18.58                 | 26.98            | -45.56         | 309            | 114         | H        |
| 2      | 5.936           | -64.31              | Pk  | 35.1           | -20.7                  | 11.8                   | -38.11                 | -27              | -11.11         | 309            | 114         | H        |

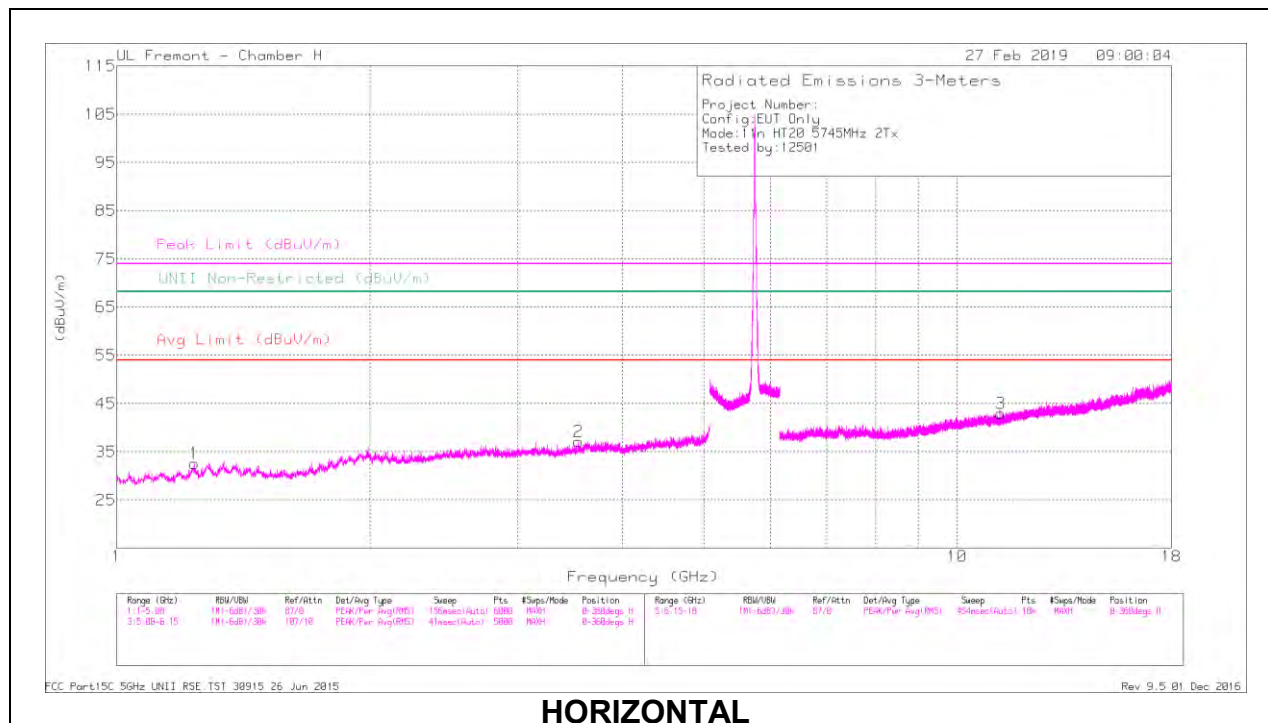
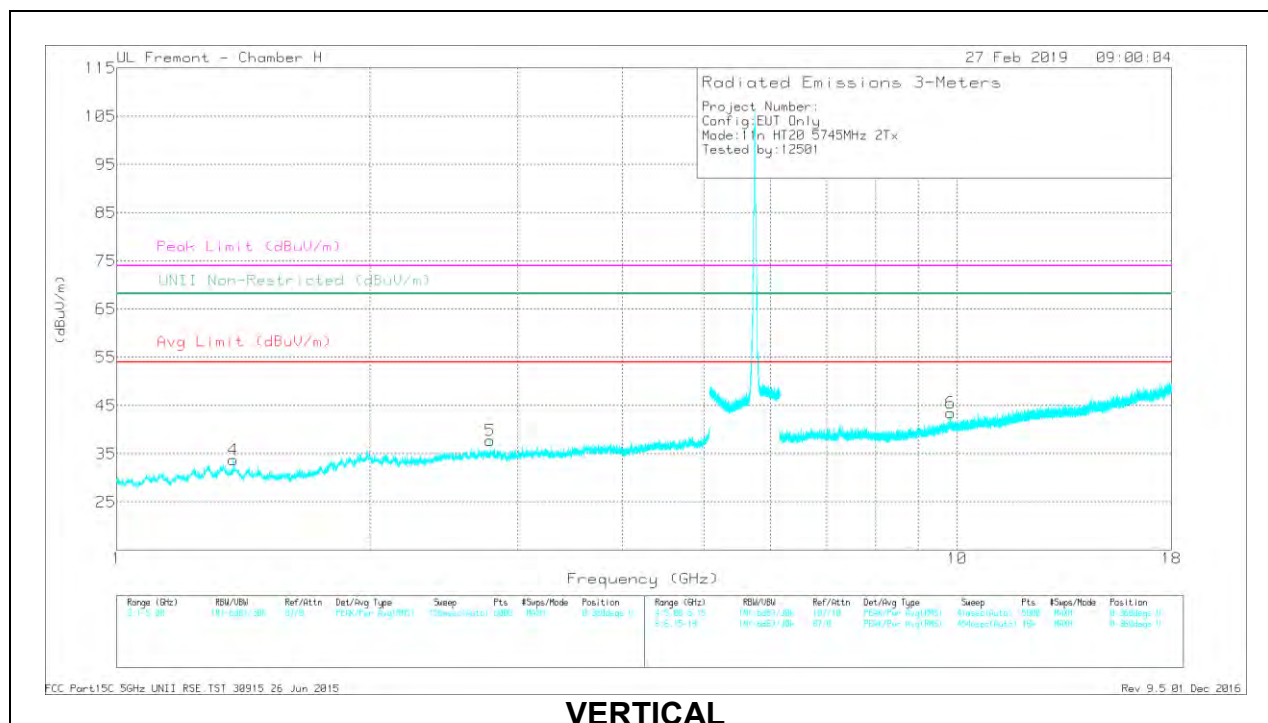
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -39.8               | Pk  | 34.9           | -20.5                  | 11.8                   | -13.6                  | 26.99            | -40.59         | 338            | 230         | V        |
| 2      | 5.974           | -64.01              | Pk  | 35.1           | -20.6                  | 11.8                   | -37.71                 | -27              | -10.71         | 338            | 230         | V        |

Pk - Peak detector

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

## RADIATED EMISSIONS

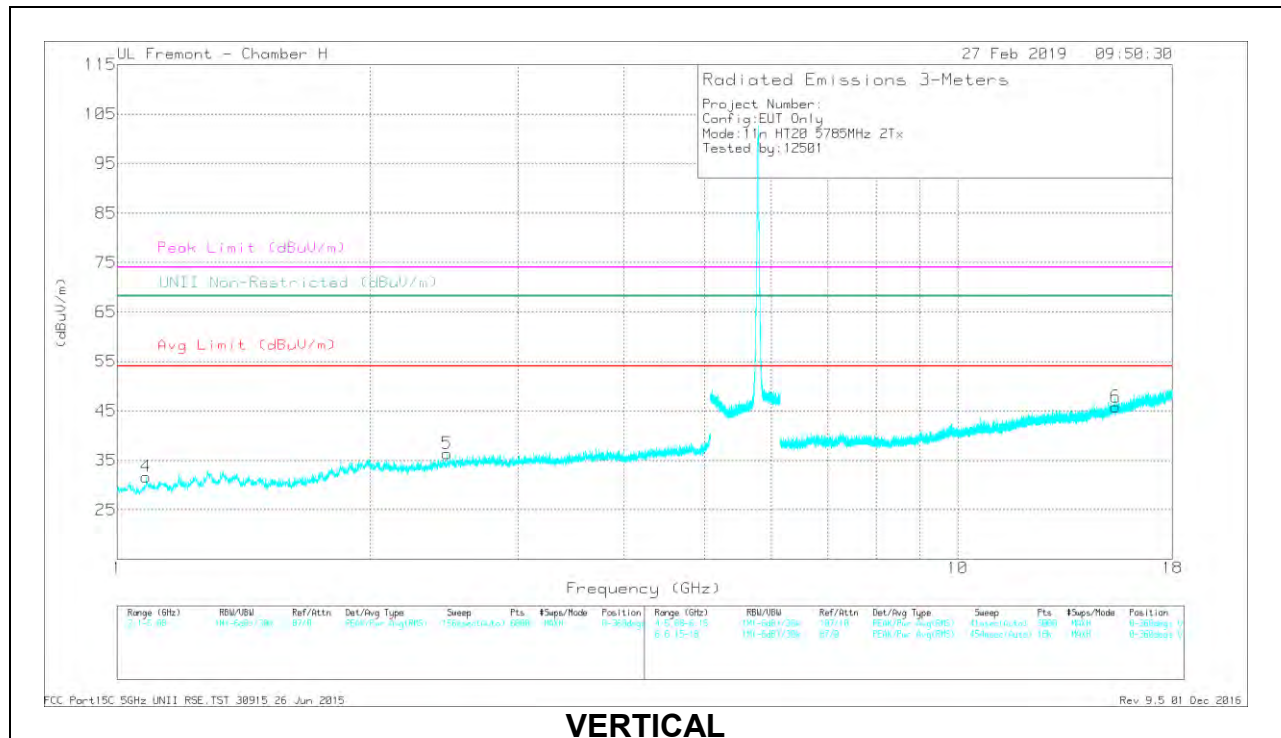
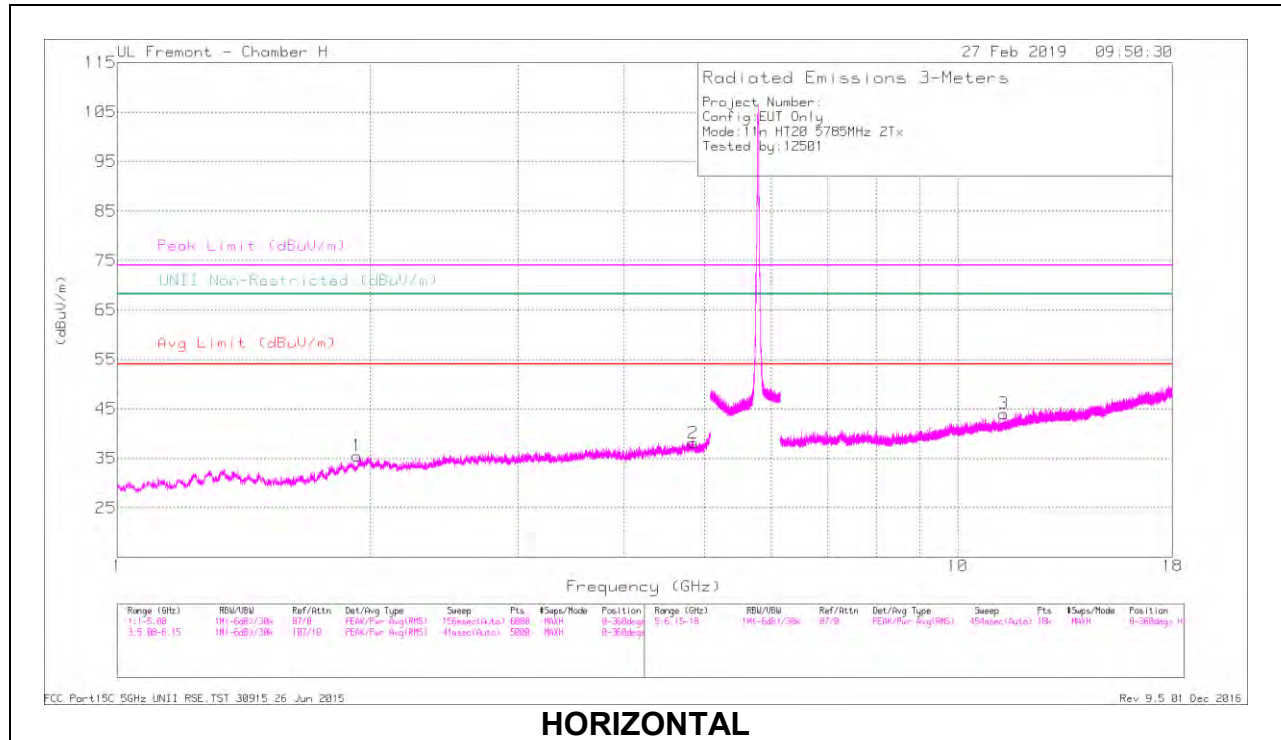
| Maker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1     | * 1.239         | 43.67                | PK-U | 28.6          | -33                  | 39.27                      | -                  | -           | 74                  | -34.73         | -                            | -              | 95             | 211         | H        |
|       | * 1.236         | 31.32                | ADR  | 28.7          | -33                  | 27.02                      | 54                 | -26.98      | -                   | -              | -                            | -              | 95             | 211         | H        |
| 2     | * 3.545         | 41.81                | PK-U | 33.1          | -31.1                | 43.81                      | -                  | -           | 74                  | -30.19         | -                            | -              | 317            | 198         | H        |
|       | * 3.545         | 28.95                | ADR  | 33.1          | -31.1                | 30.95                      | 54                 | -23.05      | -                   | -              | -                            | -              | 317            | 198         | H        |
| 4     | * 1.377         | 43.01                | PK-U | 29.3          | -32.9                | 39.41                      | -                  | -           | 74                  | -34.59         | -                            | -              | 34             | 153         | V        |
|       | * 1.378         | 30.83                | ADR  | 29.2          | -32.9                | 27.13                      | 54                 | -26.87      | -                   | -              | -                            | -              | 34             | 153         | V        |
| 5     | * 2.782         | 41.55                | PK-U | 32.5          | -31.8                | 42.25                      | -                  | -           | 74                  | -31.75         | -                            | -              | 191            | 246         | V        |
|       | * 2.784         | 29.63                | ADR  | 32.5          | -31.7                | 30.43                      | 54                 | -23.57      | -                   | -              | -                            | -              | 191            | 246         | V        |
| 3     | * 11.283        | 34.02                | PK-U | 38            | -23.8                | 48.22                      | -                  | -           | 74                  | -25.78         | -                            | -              | 223            | 327         | H        |
|       | * 11.283        | 22.65                | ADR  | 38            | -23.8                | 36.85                      | 54                 | -17.15      | -                   | -              | -                            | -              | 223            | 327         | H        |
| 6     | 9.833           | 34.21                | PK-U | 37.1          | -23.7                | 47.61                      | -                  | -           | -                   | -              | 68.2                         | -20.59         | 141            | 268         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS





## RADIATED EMISSIONS

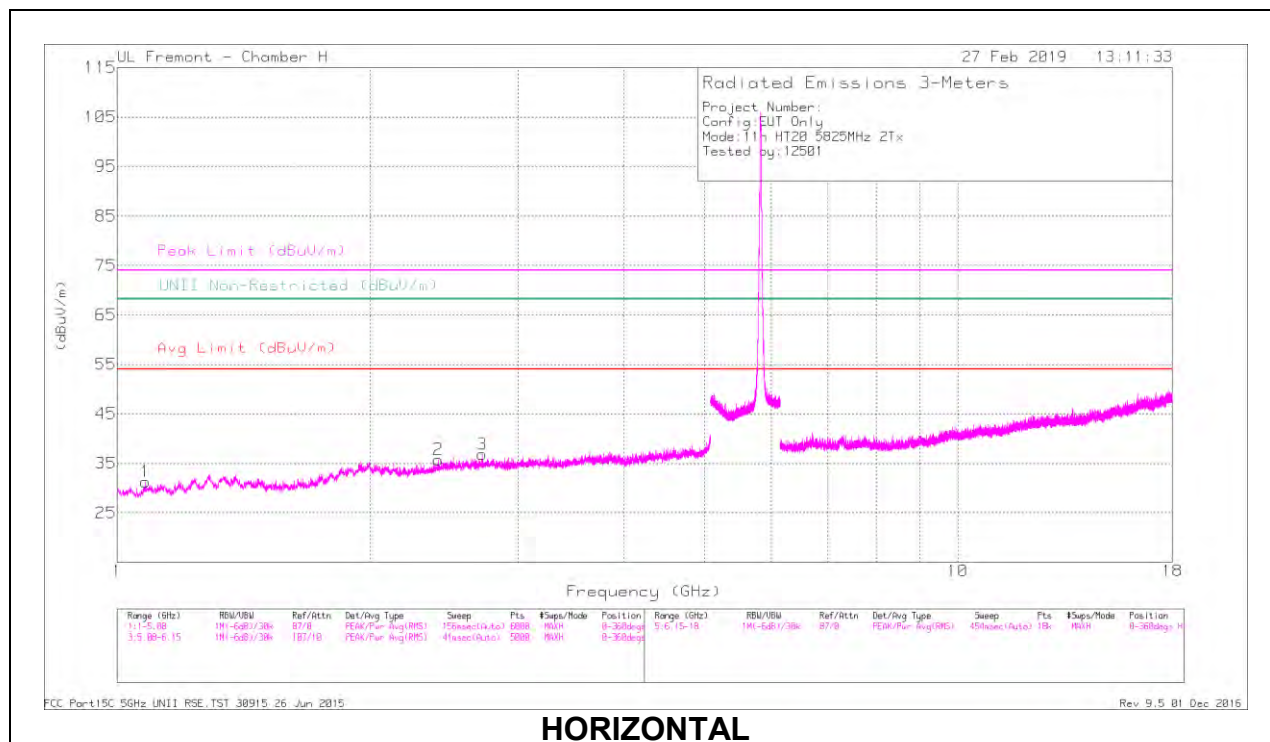
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2      | * 4.845         | 40.46                | PK-U | 34            | -30.1                | 44.36                      | -                  | -           | 74                  | -29.64         | -                            | -              | 286            | 208         | H        |
|        | * 4.844         | 28.31                | ADR  | 34.1          | -30.1                | 32.31                      | 54                 | -21.69      | -                   | -              | -                            | -              | 286            | 208         | H        |
| 4      | * 1.082         | 43.48                | PK-U | 27.2          | -33.3                | 37.38                      | -                  | -           | 74                  | -36.62         | -                            | -              | 310            | 205         | V        |
|        | * 1.083         | 31.54                | ADR  | 27.2          | -33.3                | 25.44                      | 54                 | -28.56      | -                   | -              | -                            | -              | 310            | 205         | V        |
| 3      | * 11.341        | 34.01                | PK-U | 38.1          | -23.7                | 48.41                      | -                  | -           | 74                  | -25.59         | -                            | -              | 57             | 170         | H        |
|        | * 11.342        | 22.71                | ADR  | 38.1          | -23.7                | 37.11                      | 54                 | -16.89      | -                   | -              | -                            | -              | 57             | 170         | H        |
| 6      | * 15.412        | 33.83                | PK-U | 40.8          | -22.5                | 52.13                      | -                  | -           | 74                  | -21.87         | -                            | -              | 166            | 173         | V        |
|        | * 15.413        | 22.48                | ADR  | 40.8          | -22.6                | 40.68                      | 54                 | -13.32      | -                   | -              | -                            | -              | 166            | 173         | V        |
| 1      | 1.93            | 41.5                 | PK-U | 31.3          | -32.3                | 40.5                       | -                  | -           | -                   | -              | 68.2                         | -27.7          | 190            | 339         | H        |
| 5      | 2.467           | 42.01                | PK-U | 32.3          | -31.9                | 42.41                      | -                  | -           | -                   | -              | 68.2                         | -25.79         | 7              | 104         | V        |

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

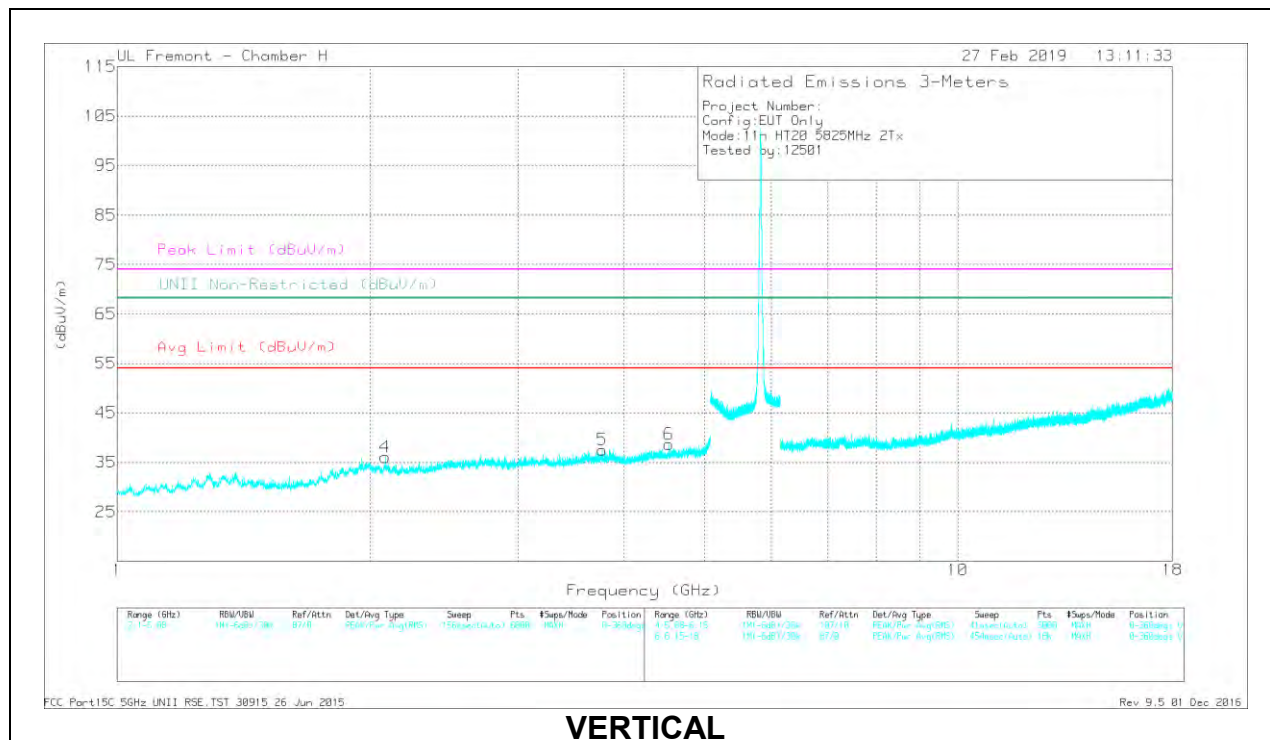
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

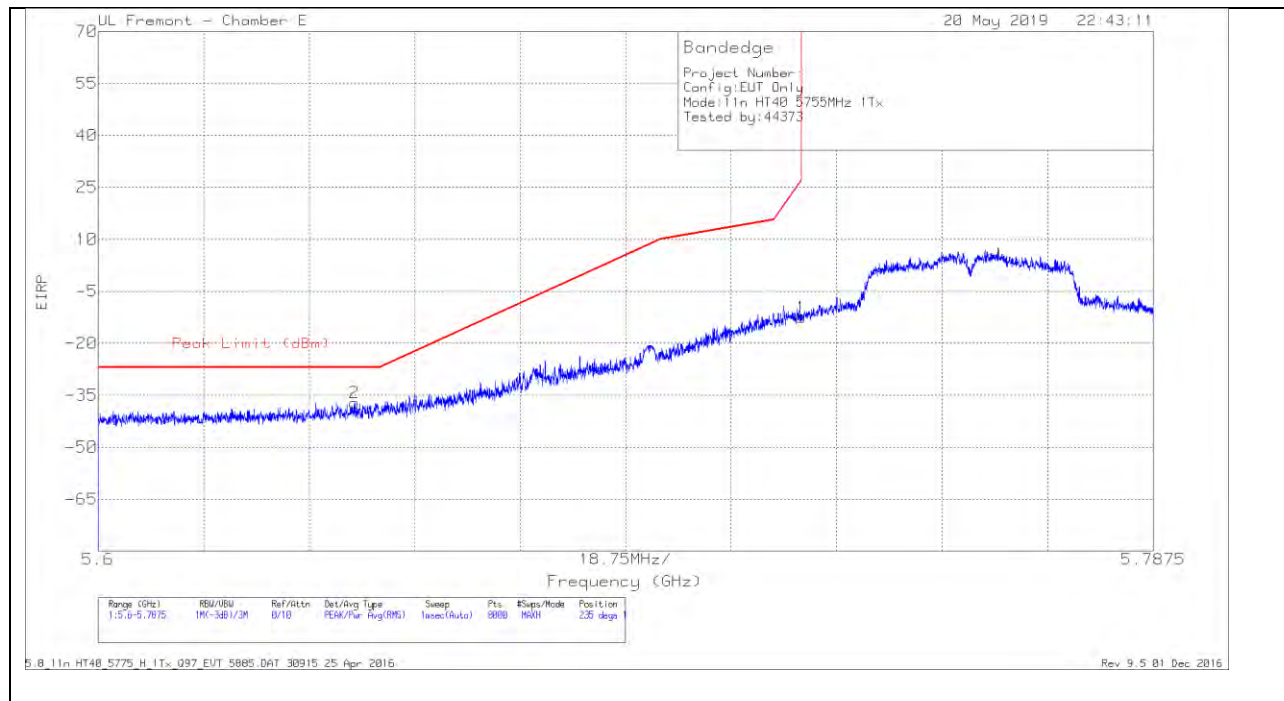
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (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 |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.08          | 43.42                | PK-U | 27.1          | -33.3                | 37.22                      | -                  | -           | 74                  | -36.78         | -                            | -              | 181            | 243         | H        |
|        | * 1.079         | 31.42                | ADR  | 27.1          | -33.3                | 25.22                      | 54                 | -28.78      | -                   | -              | -                            | -              | 181            | 243         | H        |
| 3      | * 2.721         | 41.46                | PK-U | 32.6          | -31.6                | 42.46                      | -                  | -           | 74                  | -31.54         | -                            | -              | 181            | 165         | H        |
|        | * 2.718         | 29.7                 | ADR  | 32.6          | -31.6                | 30.7                       | 54                 | -23.3       | -                   | -              | -                            | -              | 181            | 165         | H        |
| 5      | * 3.775         | 40.49                | PK-U | 33.3          | -30.9                | 42.89                      | -                  | -           | 74                  | -31.11         | -                            | -              | 293            | 211         | V        |
|        | * 3.778         | 28.95                | ADR  | 33.4          | -30.9                | 31.45                      | 54                 | -22.55      | -                   | -              | -                            | -              | 293            | 211         | V        |
| 6      | * 4.534         | 38.83                | PK-U | 34            | -29.4                | 43.43                      | -                  | -           | 74                  | -30.57         | -                            | -              | 236            | 201         | V        |
|        | * 4.534         | 28.06                | ADR  | 34            | -29.4                | 32.66                      | 54                 | -21.34      | -                   | -              | -                            | -              | 236            | 201         | V        |
| 4      | 2.085           | 41.98                | PK-U | 31.4          | -32.2                | 41.18                      | -                  | -           | -                   | -              | 68.2                         | -27.02         | 226            | 265         | V        |
| 2      | 2.41            | 41.73                | PK-U | 31.9          | -31.8                | 41.83                      | -                  | -           | -                   | -              | 68.2                         | -26.37         | 134            | 222         | H        |

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

PK-U - U-NII: Maximum Peak

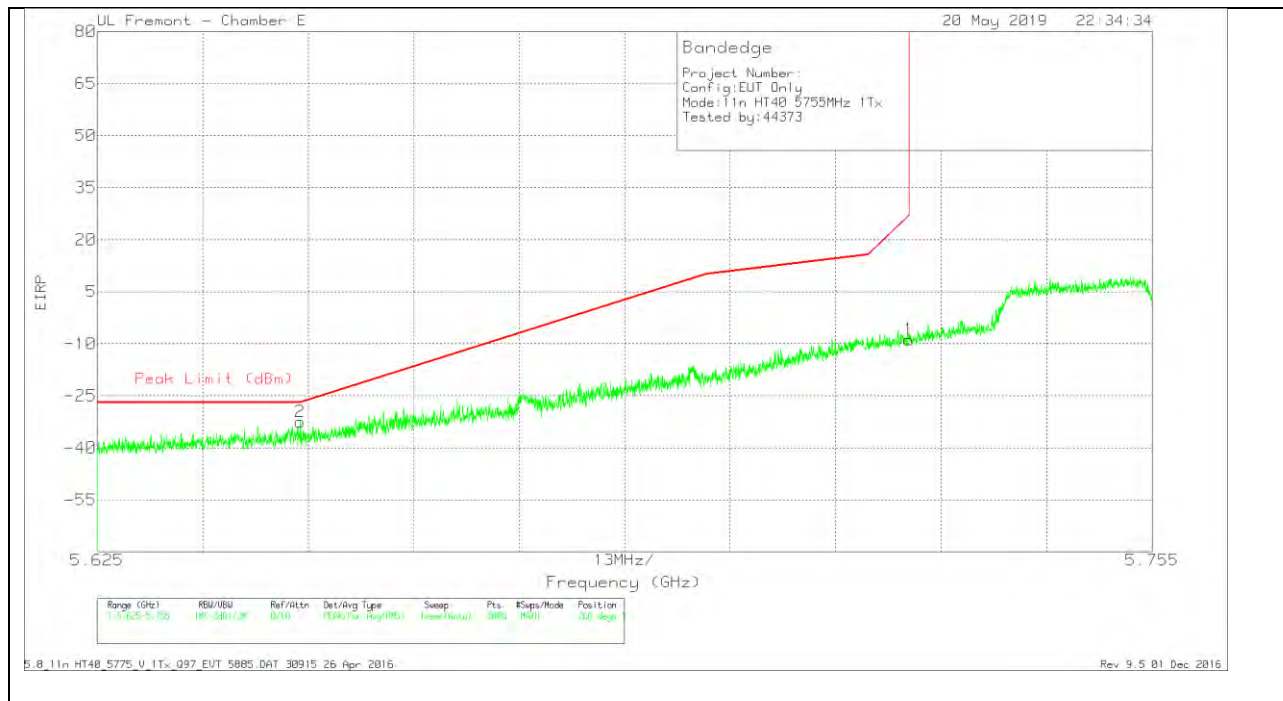
ADR - U-NII AD primary method, RMS average

**1.1.20. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND****1TX Antenna 4 MODE****BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.646           | -62.53              | Pk  | 34.8           | -21.3                 | 11.8                   | -37.23                 | -27              | -10.23         | 235            | 106         | H        |
| 1      | 5.725           | -38.23              | Pk  | 34.8           | -20.9                 | 11.8                   | -12.53                 | 26.96            | -39.49         | 235            | 106         | H        |

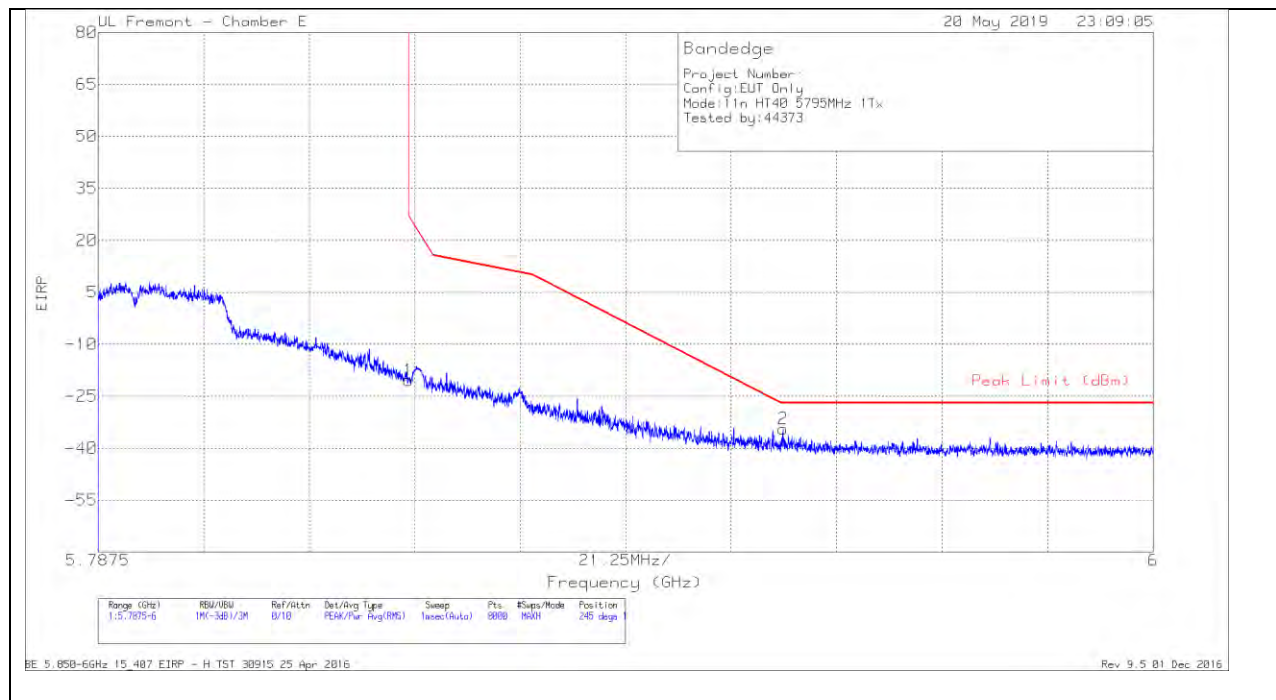
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.65            | -57.79              | Pk  | 34.8           | -21.3                  | 11.8                   | -32.49                 | -26.98           | -5.51          | 266            | 106         | V        |
| 1      | 5.725           | -34.49              | Pk  | 34.8           | -20.9                  | 11.8                   | -8.79                  | 27               | -35.79         | 266            | 106         | V        |

Pk - Peak detector

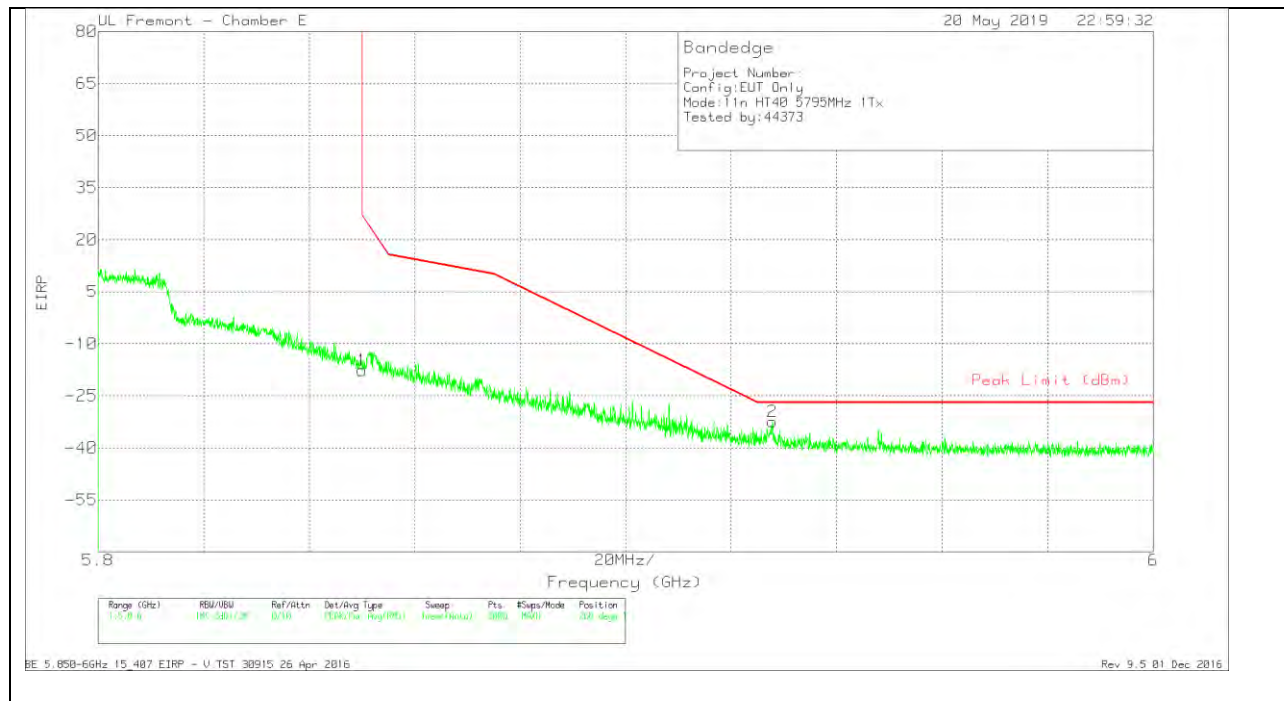
**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/CbI/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -46.54              | Pk  | 34.9           | -20.5                   | 11.8                   | -20.34                 | 26.98            | -47.32         | 245            | 109         | H        |
| 2      | 5.925           | -60.5               | Pk  | 35             | -20.7                   | 11.8                   | -34.4                  | -27              | -7.4           | 245            | 109         | H        |

Pk - Peak detector

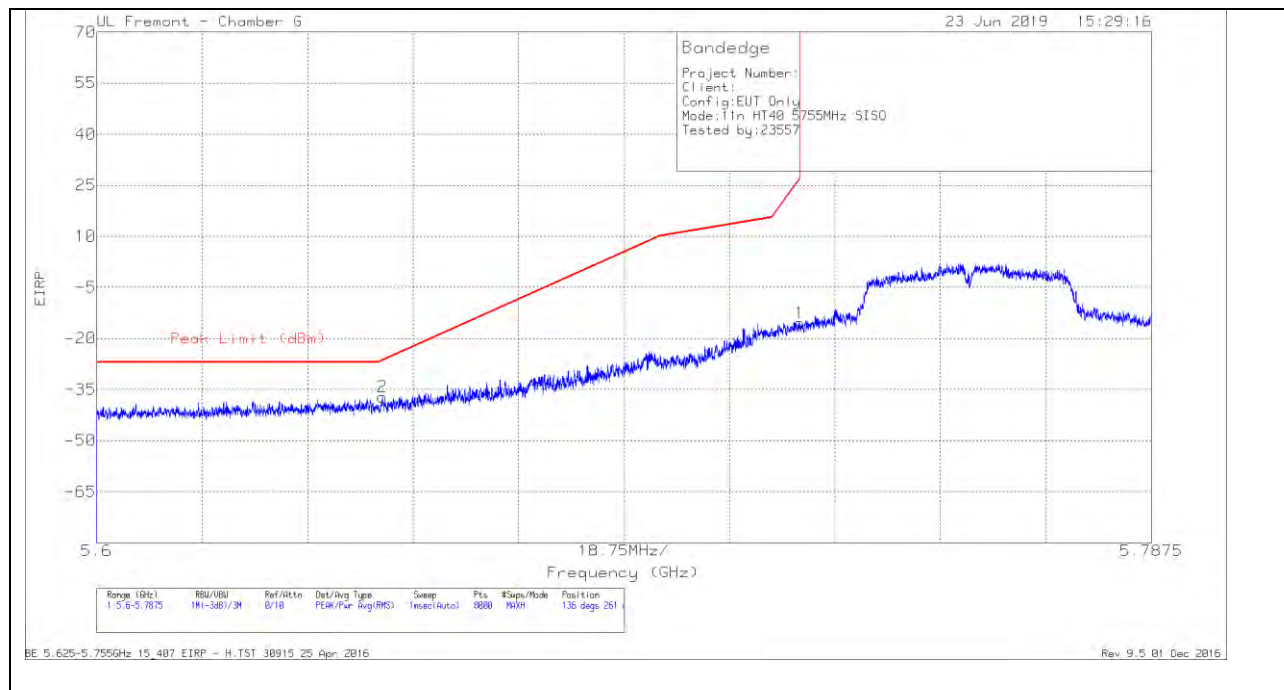


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -43.82              | Pk  | 34.9           | -20.5                  | 11.8                   | -17.62                 | 26.99            | -44.61         | 268            | 109         | V        |
| 2      | 5.928           | -58.64              | Pk  | 35.1           | -20.7                  | 11.8                   | -32.44                 | -27              | -5.44          | 268            | 109         | V        |

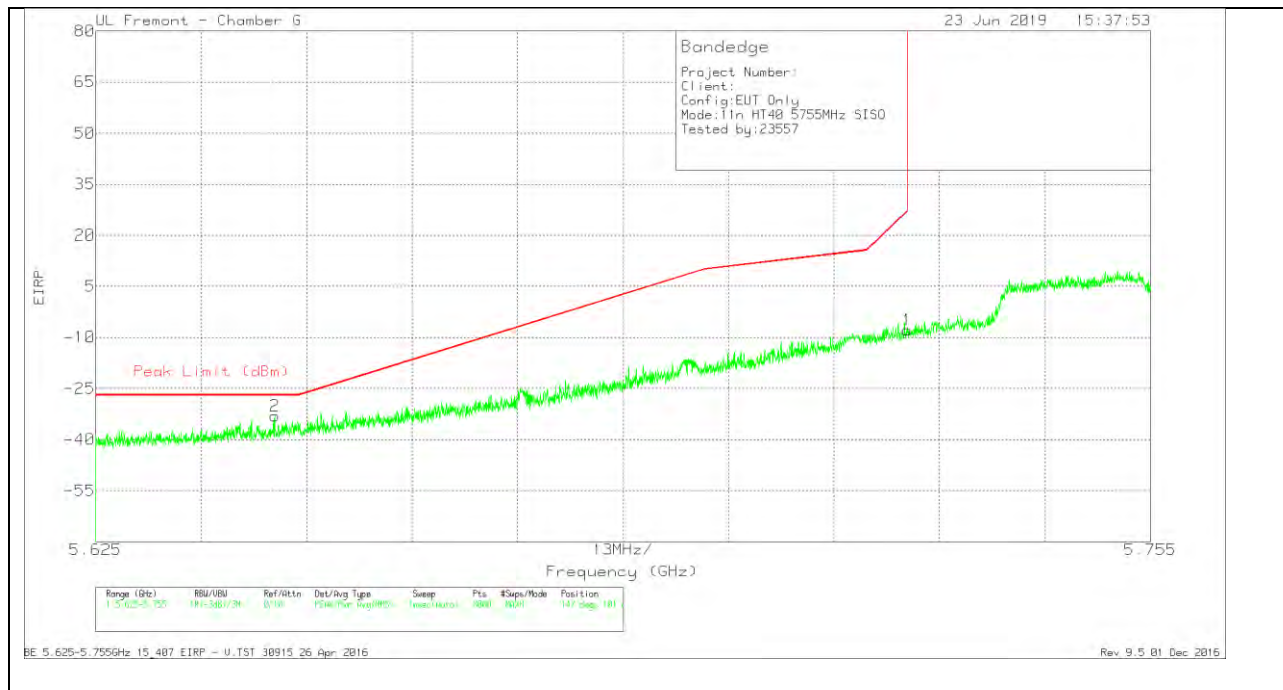
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.651           | -63.6               | Pk  | 34.9           | -20.2                 | 11.8                   | -37.1                  | -26.43           | -10.67         | 136            | 261         | H        |
| 1      | 5.725           | -42.34              | Pk  | 35.1           | -20                   | 11.8                   | -15.44                 | 26.96            | -42.4          | 136            | 261         | H        |

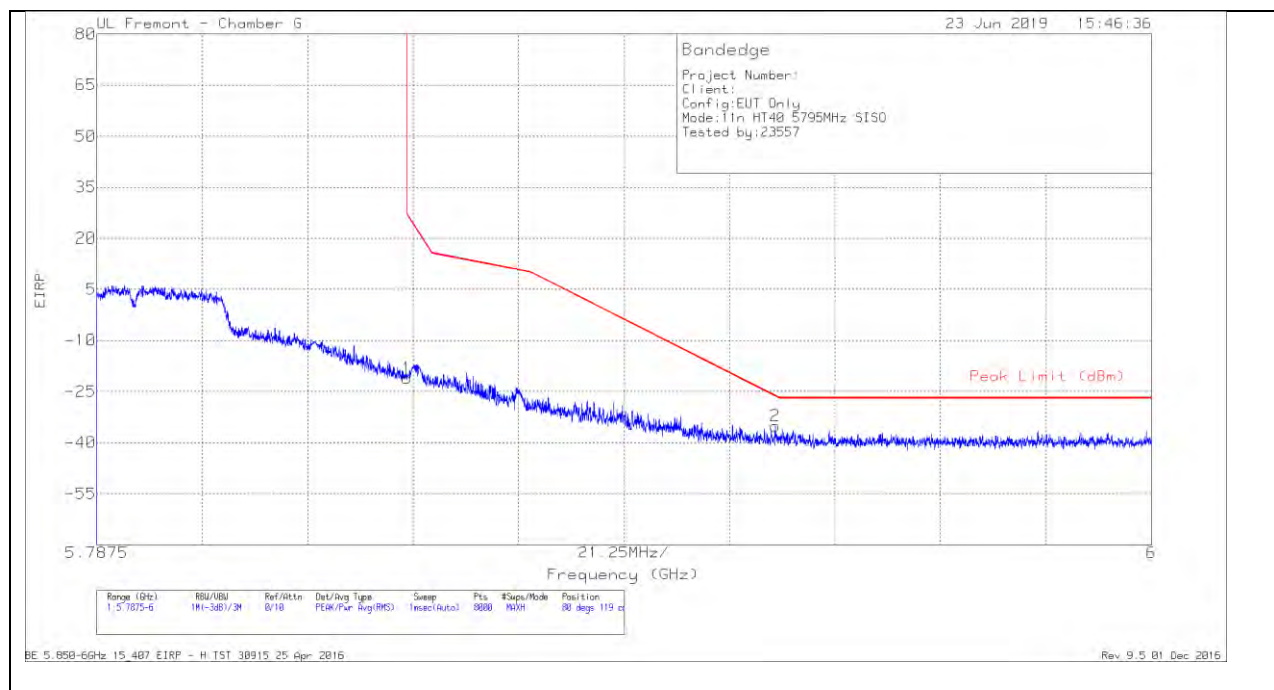
Pk - Peak detector

## VERTICAL RESULT



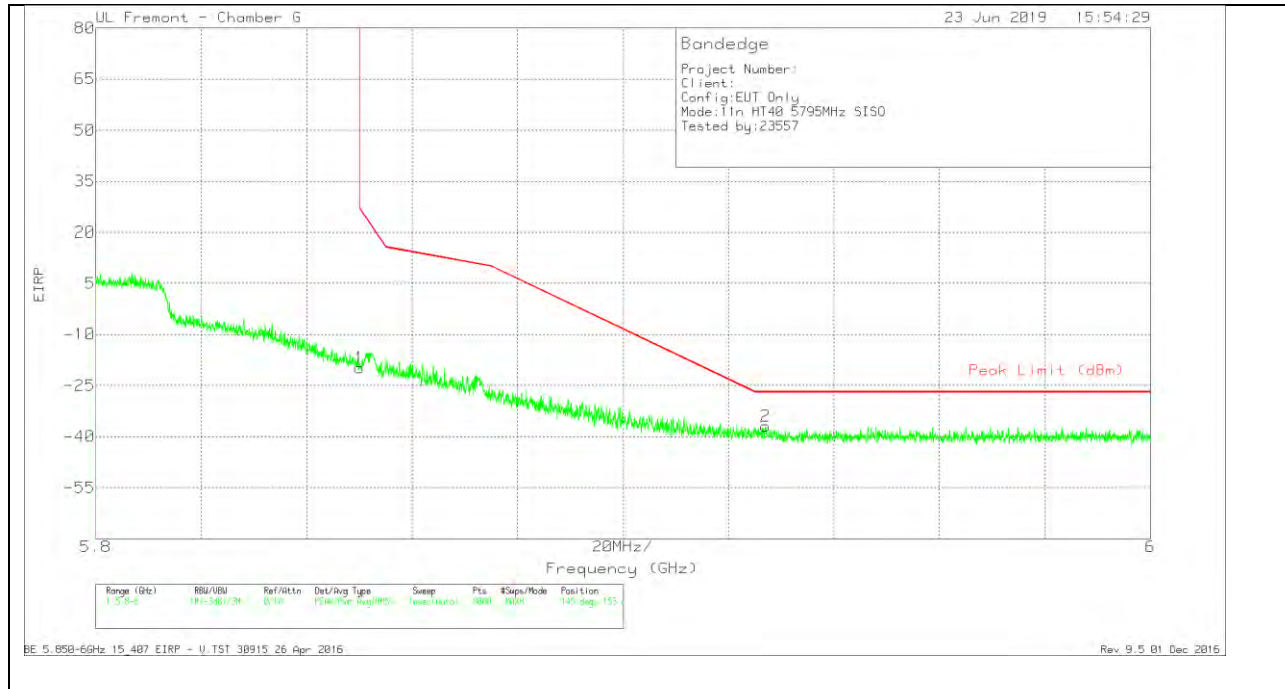
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (dB/m) | Amp/Cbl/Ftr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.647           | -59.66              | Pk  | 35             | -20.2                 | 11.8                   | -33.06                 | -27              | -6.06          | 147            | 101         | V        |
| 1      | 5.725           | -34.75              | Pk  | 35.1           | -20                   | 11.8                   | -7.85                  | 27               | -34.85         | 147            | 101         | V        |

Pk - Peak detector

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

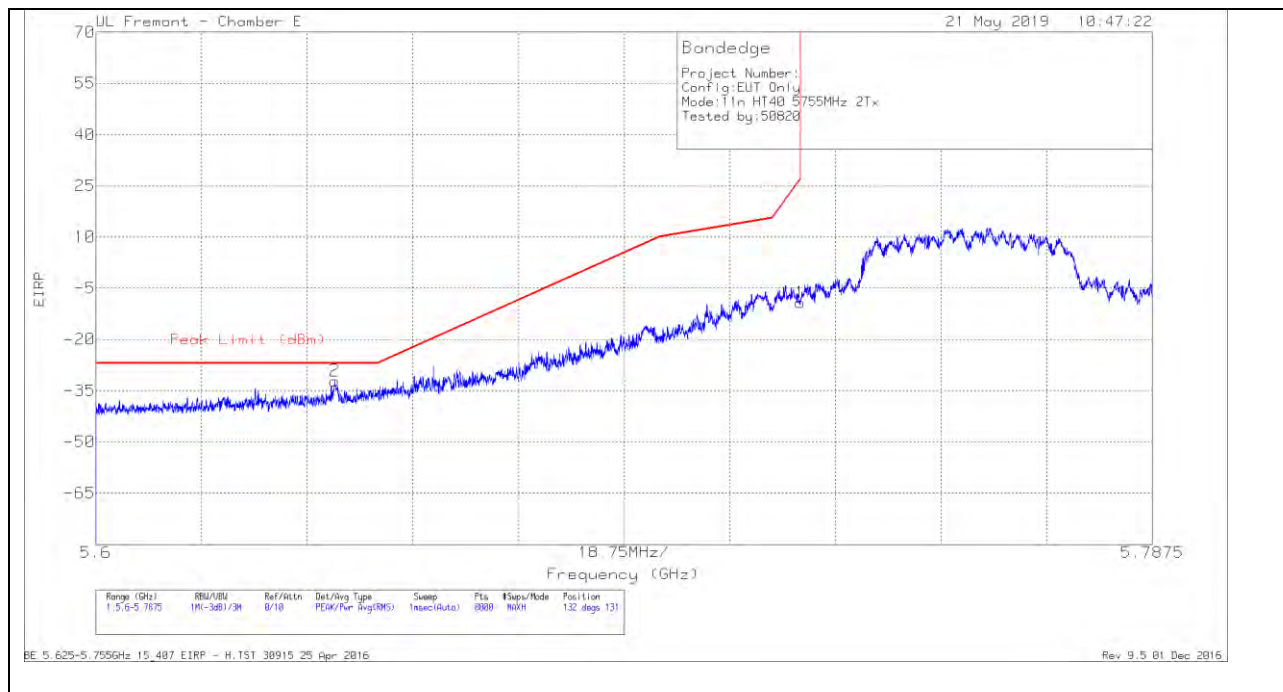
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -48.35              | Pk  | 35.4           | -19.9                 | 11.8                   | -21.05                 | 26.98            | -48.03         | 80             | 119         | H        |
| 2      | 5.924           | -62.14              | Pk  | 35.5           | -20.2                 | 11.8                   | -35.04                 | -26.41           | -8.63          | 80             | 119         | H        |

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (dB/m) | Amp/Cbl/Ftr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -47.06              | Pk  | 35.4           | -19.9                 | 11.8                   | -19.76                 | 26.99            | -46.75         | 145            | 153         | V        |
| 2      | 5.927           | -64                 | Pk  | 35.5           | -20.3                 | 11.8                   | -37                    | -27              | -10            | 145            | 153         | V        |

Pk - Peak detector

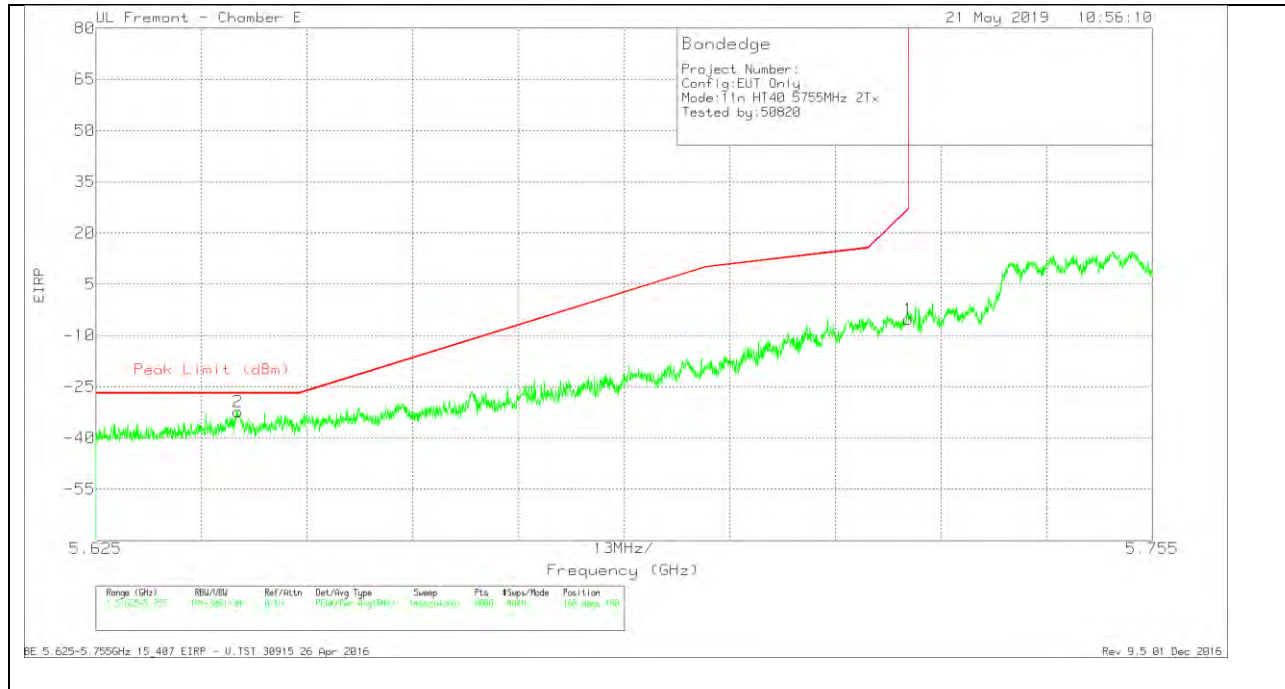
**2TX Antenna 4 + Antenna 5 CDD MODE****BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.642           | -57.3               | Pk  | 34.8           | -21.4                  | 11.8                   | -32.1                  | -27              | -5.1           | 132            | 131         | H        |
| 1      | 5.725           | -34.84              | Pk  | 34.8           | -20.9                  | 11.8                   | -9.14                  | 26.96            | -36.1          | 132            | 131         | H        |

Pk - Peak detector

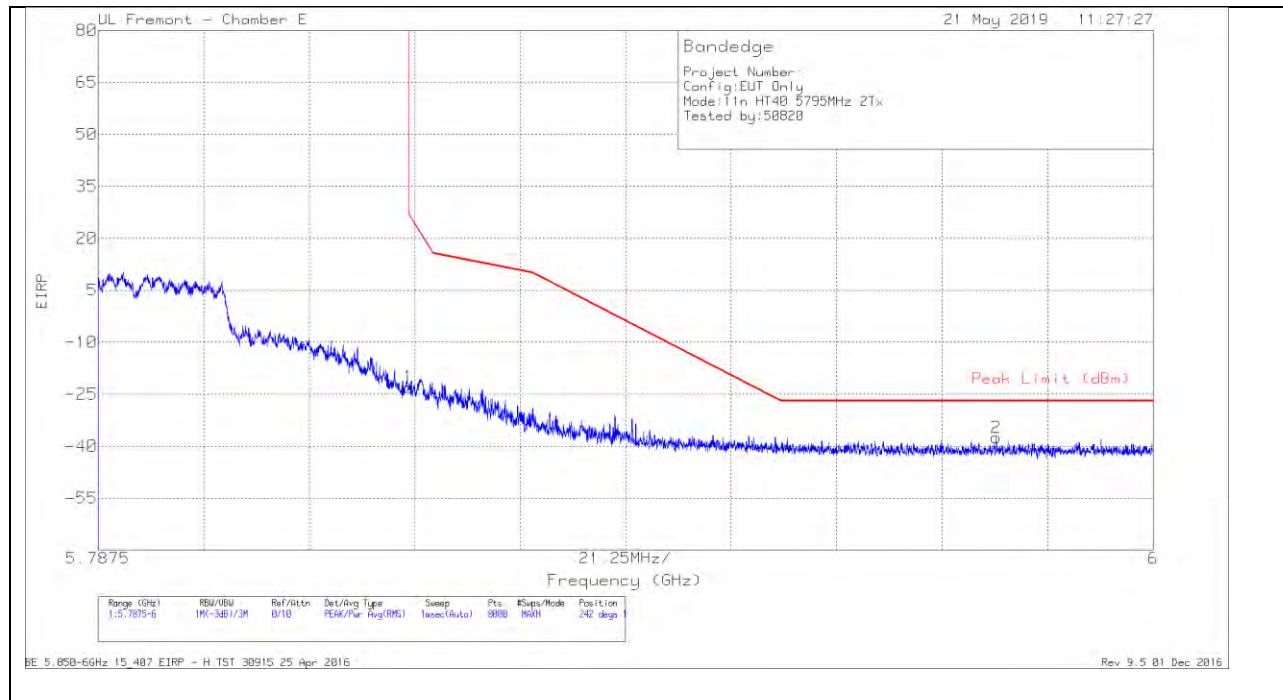


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.642           | -57.46              | Pk  | 34.8           | -21.4                  | 11.8                   | -32.26                 | -27              | -5.26          | 168            | 180         | V        |
| 1      | 5.725           | -30.89              | Pk  | 34.8           | -20.9                  | 11.8                   | -5.19                  | 27               | -32.19         | 168            | 180         | V        |

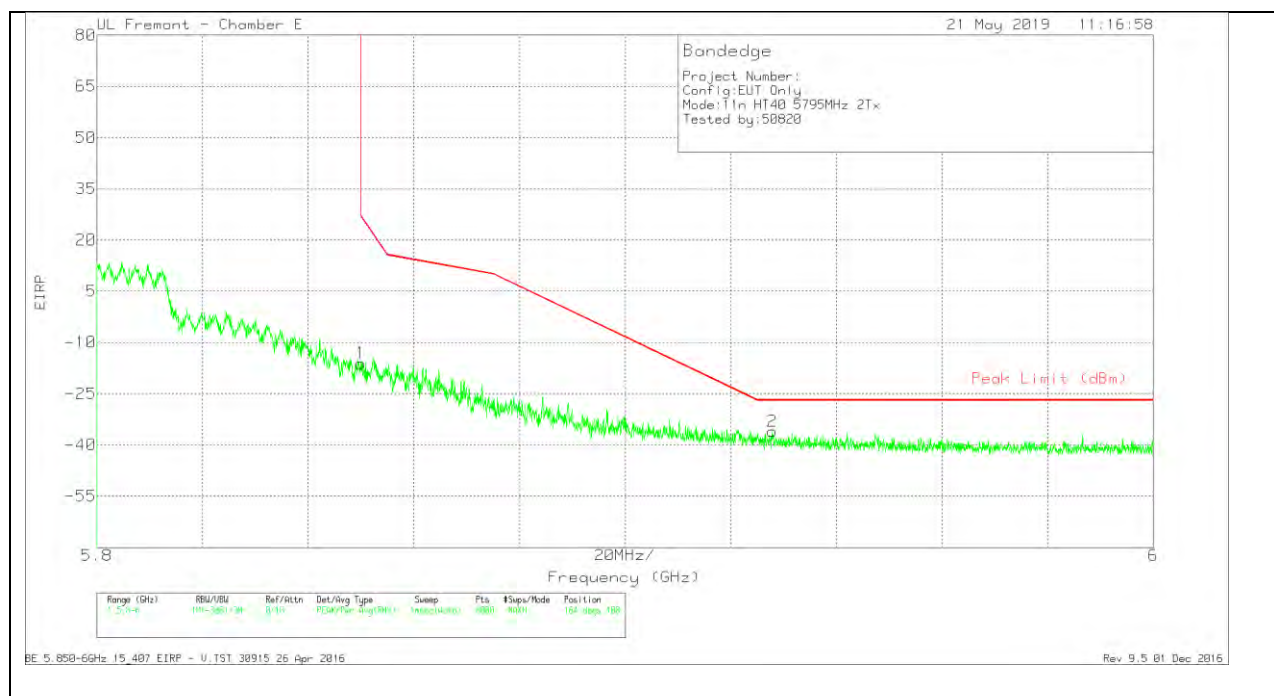
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/CbI/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -49.16              | Pk  | 34.9           | -20.5                   | 11.8                   | -22.96                 | 26.98            | -49.94         | 242            | 113         | H        |
| 2      | 5.968           | -63.69              | Pk  | 35             | -20.6                   | 11.8                   | -37.49                 | -27              | -10.49         | 242            | 113         | H        |

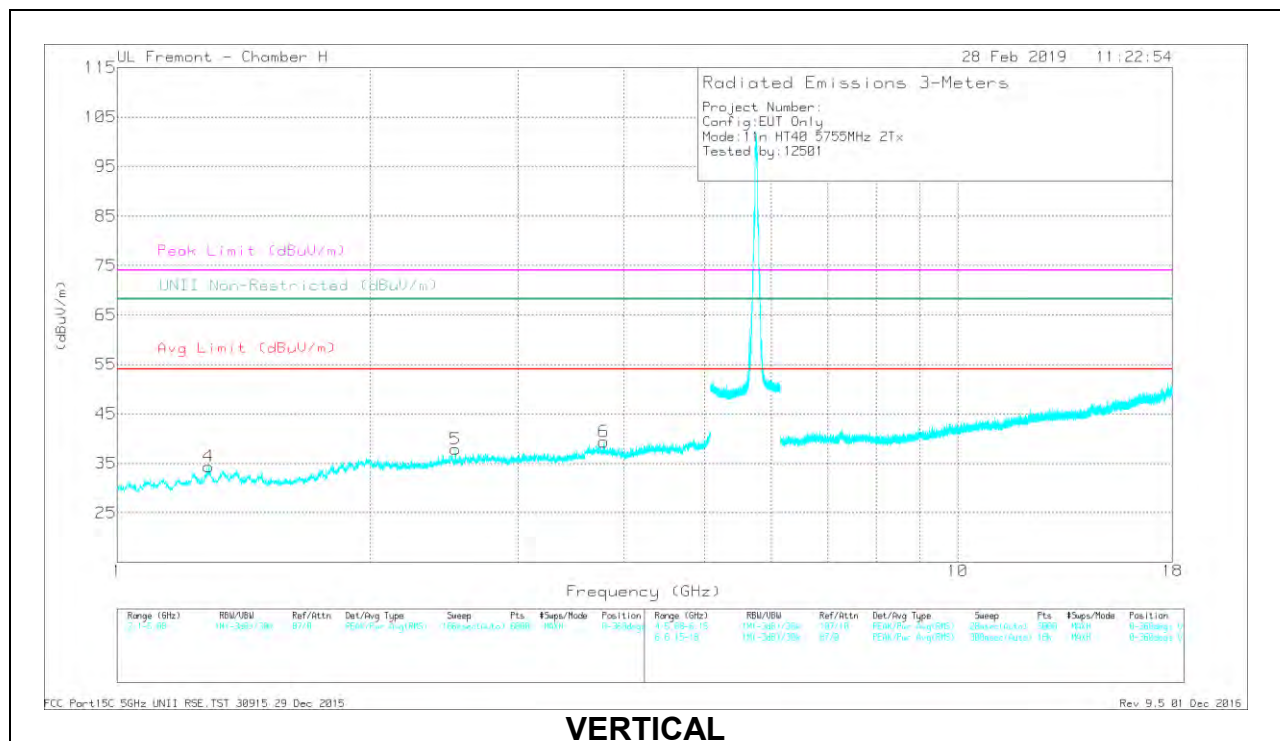
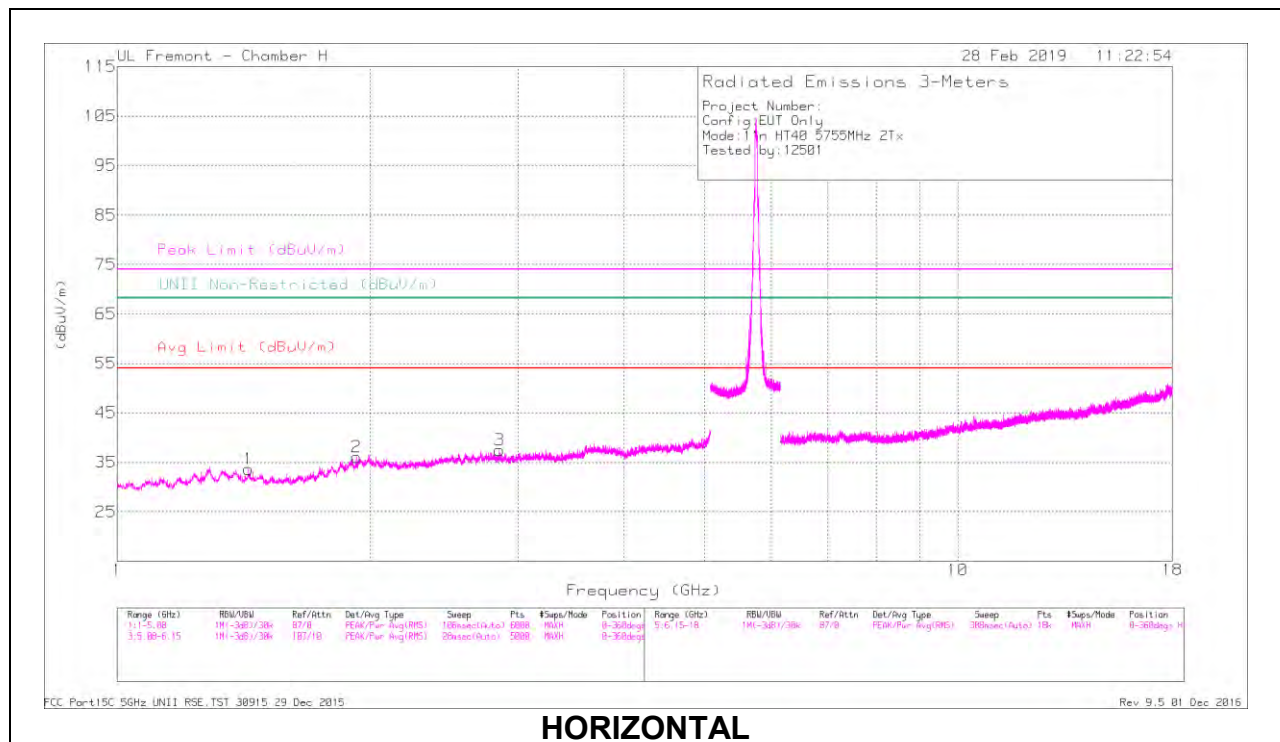
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -42.22              | Pk  | 34.9           | -20.5                 | 11.8                   | -16.02                 | 26.99            | -43.01         | 164            | 108         | V        |
| 2      | 5.928           | -62.26              | Pk  | 35.1           | -20.7                 | 11.8                   | -36.06                 | -27              | -9.06          | 164            | 108         | V        |

Pk - Peak detector

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

## RADIATED EMISSIONS

| Marker | Frequency (Hz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Ctrl/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNE Non-Restricted (dBuV/m) | PK Reading (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|-----------------|----------------|-------------|----------|
| 1      | * 1.389        | 44.34                | PK-U | 29             | -33                    | 0            | 40.34                      | -                  | -           | 74                  | -33.66         | -                           | -               | 244            | 203         | H        |
|        | * 1.383        | 33.16                | ADR  | 29.2           | -32.9                  | .09          | 29.55                      | 54                 | -24.45      | -                   | -              | -                           | -               | 244            | 203         | H        |
| 3      | * 2.848        | 44.35                | PK-U | 32.4           | -31.7                  | 0            | 45.05                      | -                  | -           | 74                  | -28.95         | -                           | -               | 227            | 311         | H        |
|        | * 2.849        | 31.72                | ADR  | 32.4           | -31.7                  | .09          | 32.51                      | 54                 | -21.49      | -                   | -              | -                           | -               | 227            | 311         | H        |
| 4      | * 1.284        | 45.08                | PK-U | 29.2           | -32.9                  | 0            | 41.38                      | -                  | -           | 74                  | -32.62         | -                           | -               | 48             | 109         | V        |
|        | * 1.283        | 33.36                | ADR  | 29.2           | -32.9                  | .09          | 29.75                      | 54                 | -24.25      | -                   | -              | -                           | -               | 48             | 109         | V        |
| 6      | * 3.791        | 41.43                | PK-U | 33.4           | -30.8                  | 0            | 44.03                      | -                  | -           | 74                  | -29.97         | -                           | -               | 26             | 104         | V        |
|        | * 3.794        | 30.17                | ADR  | 33.5           | -30.9                  | .09          | 32.86                      | 54                 | -21.14      | -                   | -              | -                           | -               | 26             | 104         | V        |
| 2      | 1.926          | 43.28                | PK-U | 31.4           | -32.3                  | 0            | 42.38                      | -                  | -           | -                   | -              | 68.2                        | -25.82          | 81             | 127         | H        |
| 5      | 2.524          | 42.82                | PK-U | 32.4           | -31.4                  | 0            | 43.82                      | -                  | -           | -                   | -              | 68.2                        | -24.38          | 316            | 194         | V        |

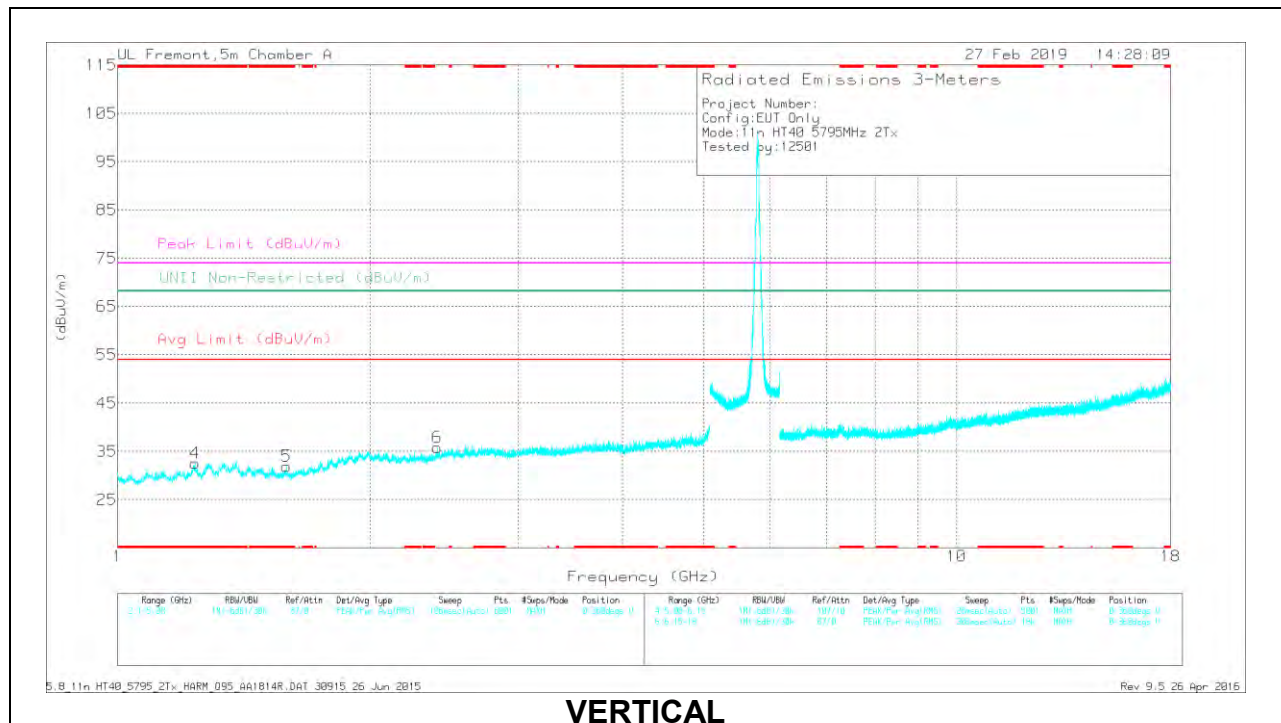
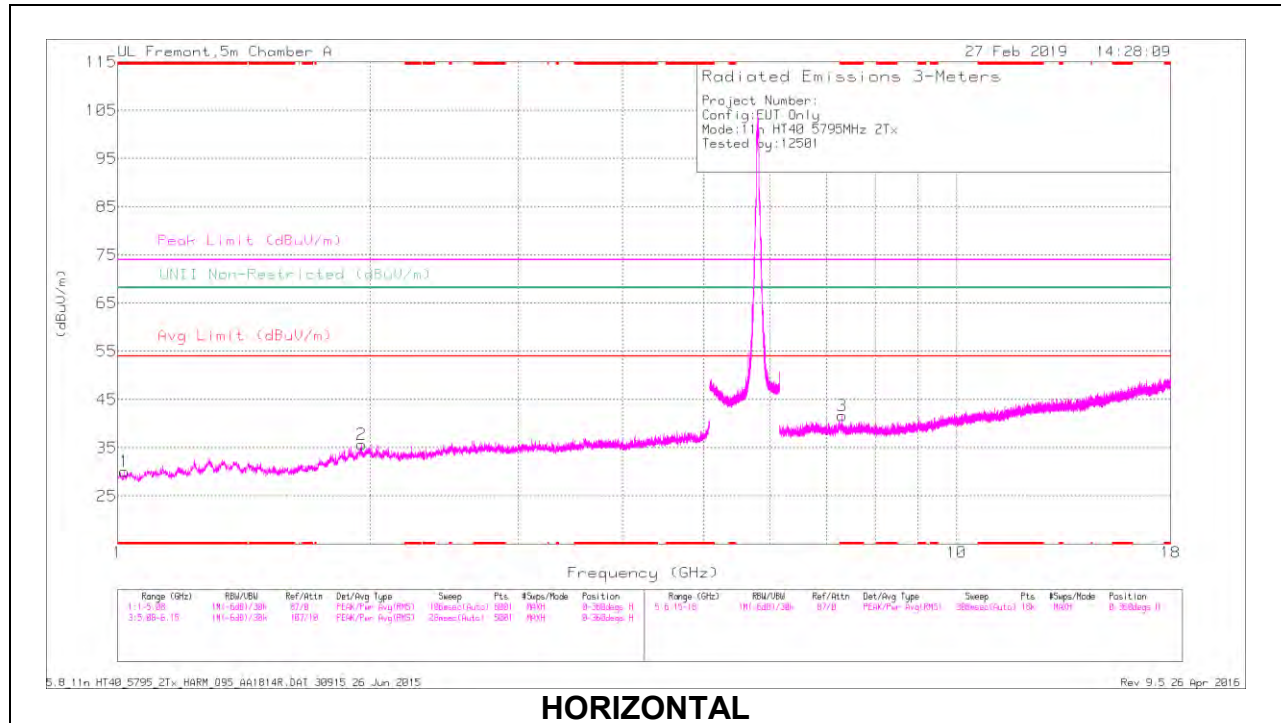
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



## HIGH CHANNEL RESULTS





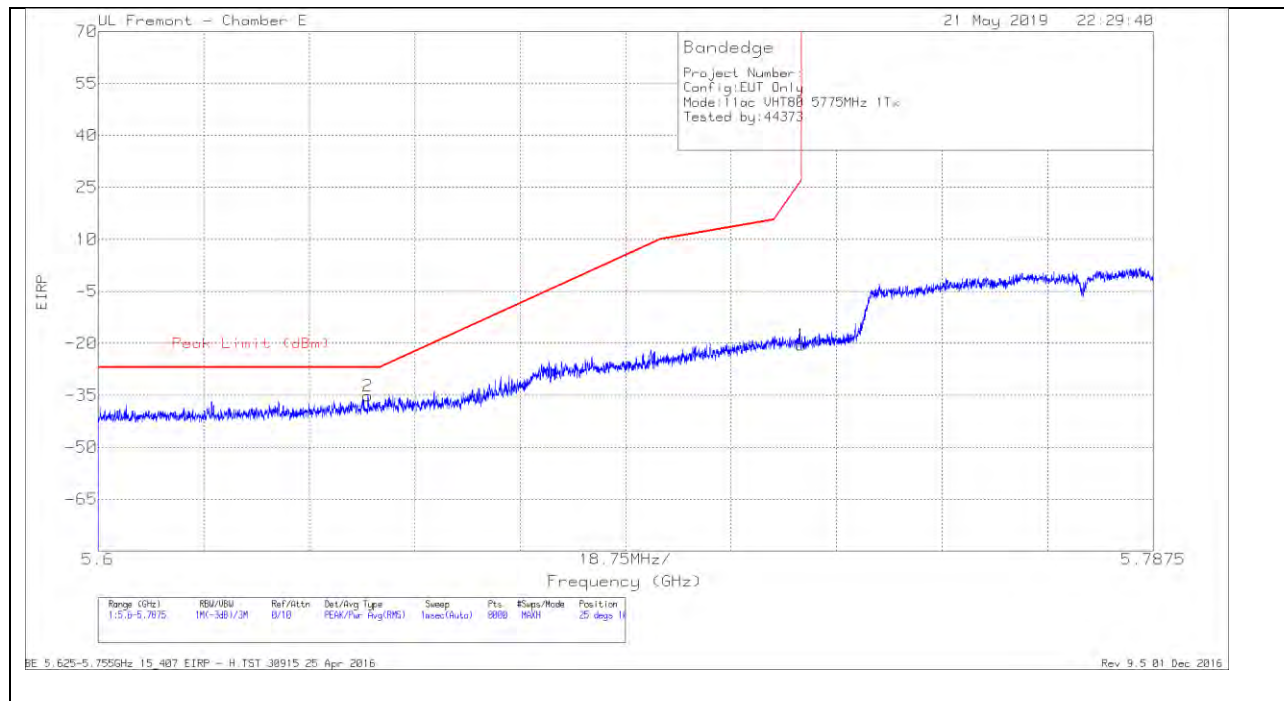
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.02          | 42.82                | PK-U | 27.1           | -33.3                | 0            | 36.62                      | -                  | -           | 74                  | -37.38         | -                            | -              | 63             | 105         | H        |
|        | * 1.017         | 31.23                | ADR  | 27.2           | -33.3                | .09          | 25.22                      | 54                 | -28.78      | -                   | -              | -                            | -              | 63             | 105         | H        |
| 4      | * 1.237         | 43.02                | PK-U | 28.7           | -33                  | 0            | 38.72                      | -                  | -           | 74                  | -35.28         | -                            | -              | 116            | 173         | V        |
|        | * 1.235         | 31.83                | ADR  | 28.7           | -33                  | .09          | 27.62                      | 54                 | -26.38      | -                   | -              | -                            | -              | 116            | 173         | V        |
| 5      | * 1.59          | 42.5                 | PK-U | 28.1           | -32.5                | 0            | 38.1                       | -                  | -           | 74                  | -35.9          | -                            | -              | 301            | 276         | V        |
|        | * 1.589         | 30.77                | ADR  | 28.1           | -32.5                | .09          | 26.46                      | 54                 | -27.54      | -                   | -              | -                            | -              | 301            | 276         | V        |
| 3      | * 7.308         | 36.67                | PK-U | 36.4           | -26.5                | 0            | 46.57                      | -                  | -           | 74                  | -27.43         | -                            | -              | 204            | 133         | H        |
|        | * 7.306         | 25.82                | ADR  | 36.4           | -26.5                | .09          | 35.81                      | 54                 | -18.19      | -                   | -              | -                            | -              | 204            | 133         | H        |
| 2      | 1.953           | 42.57                | PK-U | 31.8           | -32.3                | 0            | 42.07                      | -                  | -           | -                   | -              | 68.2                         | -26.13         | 330            | 201         | H        |
| 6      | 2.402           | 41.72                | PK-U | 31.7           | -31.9                | 0            | 41.52                      | -                  | -           | -                   | -              | 68.2                         | -26.68         | 98             | 207         | V        |

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

PK-U - U-NII: Maximum Peak

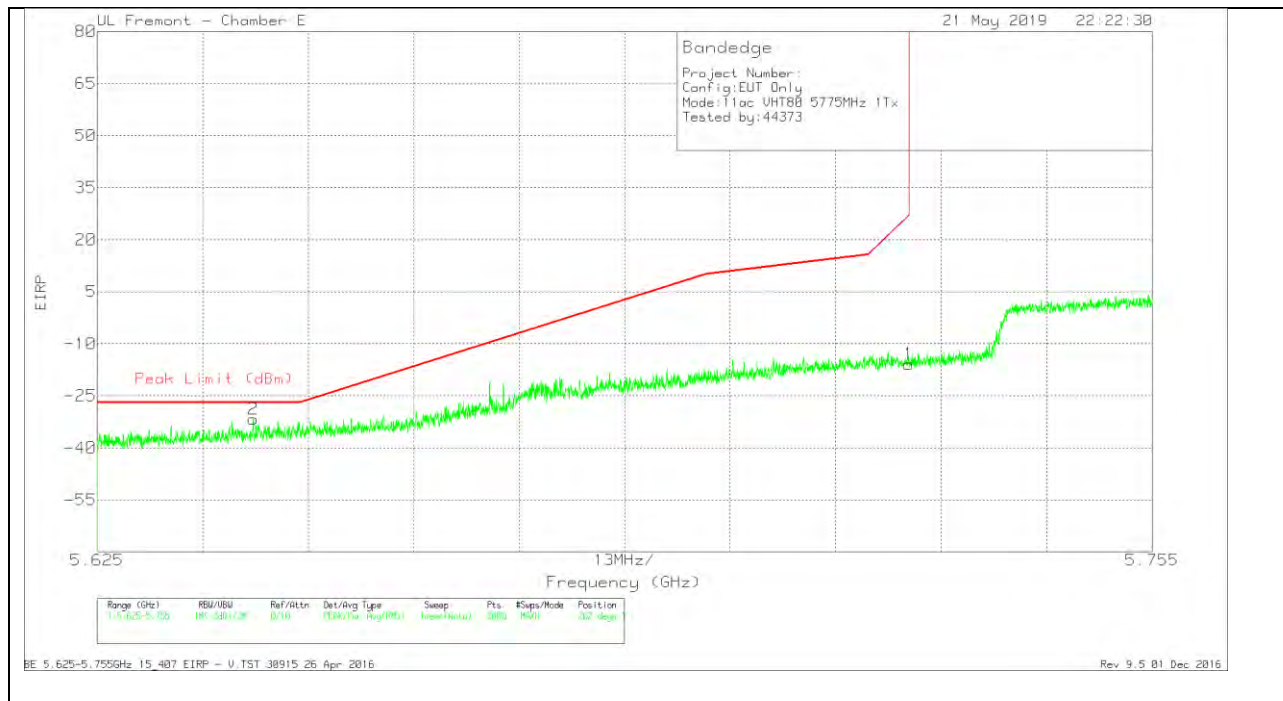
ADR - U-NII AD primary method, RMS average

**1.1.21. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz Band****1TX Antenna 4 MODE****BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.648           | -60.52              | Pk  | 34.8           | -21.3                 | 11.8                   | -35.22                 | -27              | -8.22          | 25             | 101         | H        |
| 1      | 5.725           | -46.18              | Pk  | 34.8           | -20.9                 | 11.8                   | -20.48                 | 26.96            | -47.44         | 25             | 101         | H        |

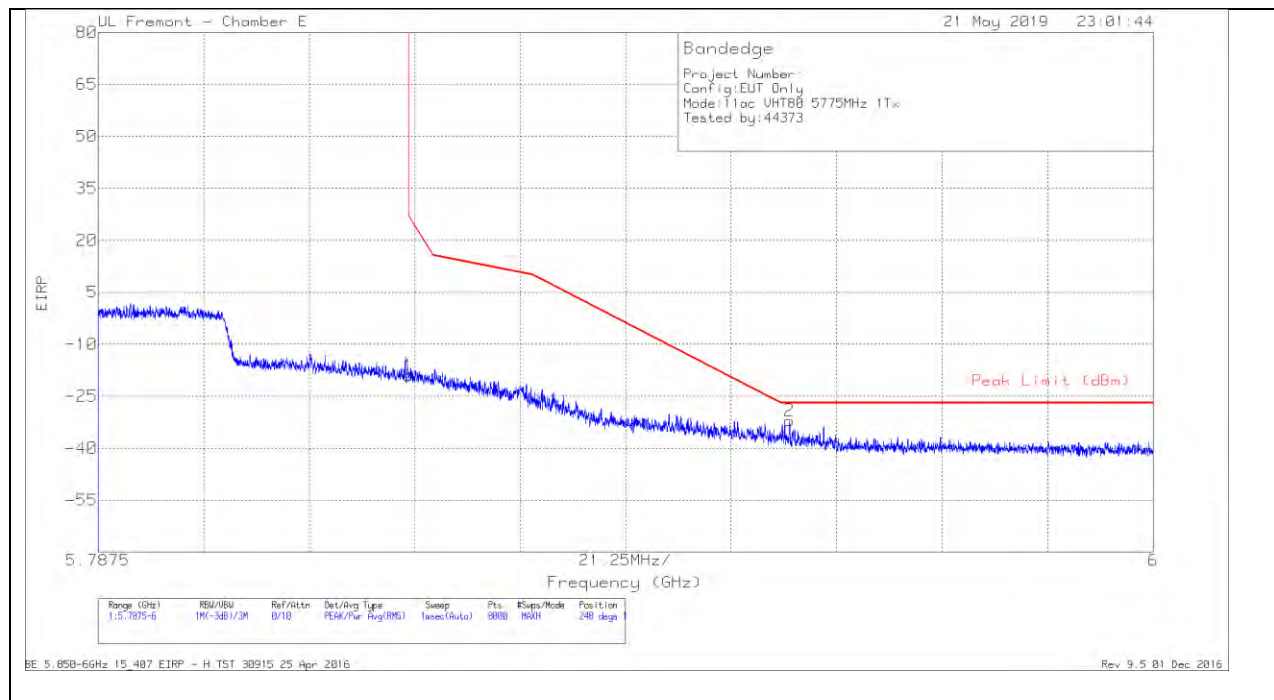
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.644           | -56.91              | Pk  | 34.8           | -21.4                  | 11.8                   | -31.71                 | -27              | -4.71          | 262            | 102         | V        |
| 1      | 5.725           | -41.57              | Pk  | 34.8           | -20.9                  | 11.8                   | -15.87                 | 27               | -42.87         | 262            | 102         | V        |

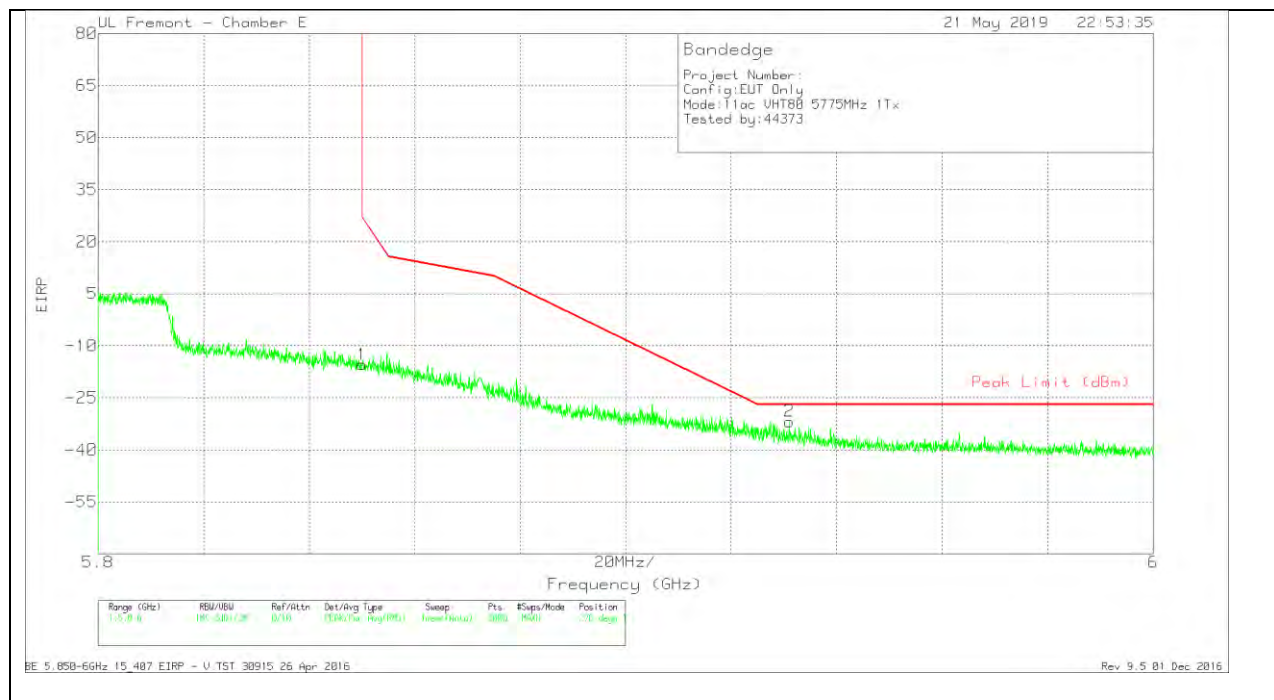
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.85            | -45.25              | Pk  | 34.9           | -20.5                  | 11.8                   | -19.05                 | 26.98            | -46.03         | 248            | 101         | H        |
| 2      | 5.927           | -58.23              | Pk  | 35.1           | -20.7                  | 11.8                   | -32.03                 | -27              | -5.03          | 248            | 101         | H        |

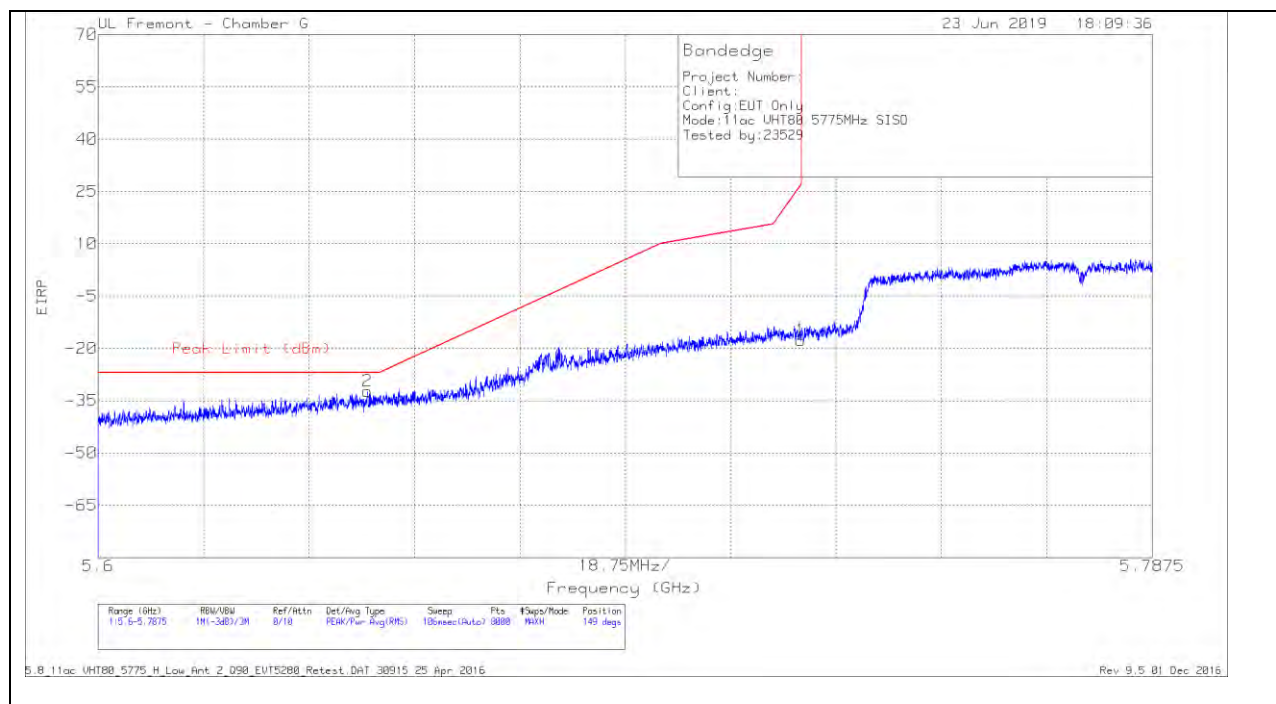
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dBm) | 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            | -41.62              | Pk  | 34.9          | -20.5                  | 11.8                   | -15.42                 | 26.99            | -42.41         | 276            | 109         | V        |
| 2      | 5.931           | -58                 | Pk  | 35.1          | -20.7                  | 11.8                   | -31.8                  | -27              | -4.8           | 276            | 109         | V        |

Pk - Peak detector

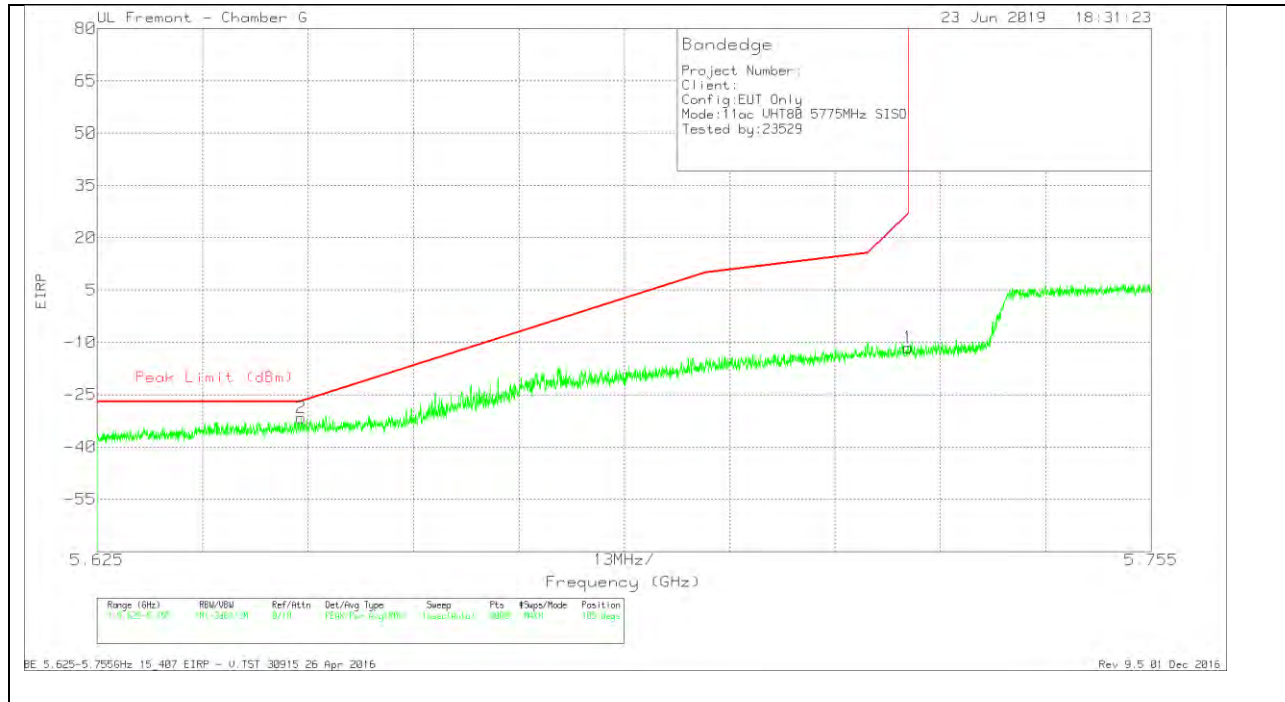
**1TX Antenna 5 MODE****BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (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           | -58.89              | Pk  | 35             | -20.2                   | 11.8                   | -32.29                 | -27              | -5.29          | 149            | 108         | H        |
| 1      | 5.725           | -44.62              | Pk  | 35.1           | -20                     | 11.8                   | -17.72                 | 26.96            | -44.68         | 149            | 108         | H        |

Pk - Peak detector

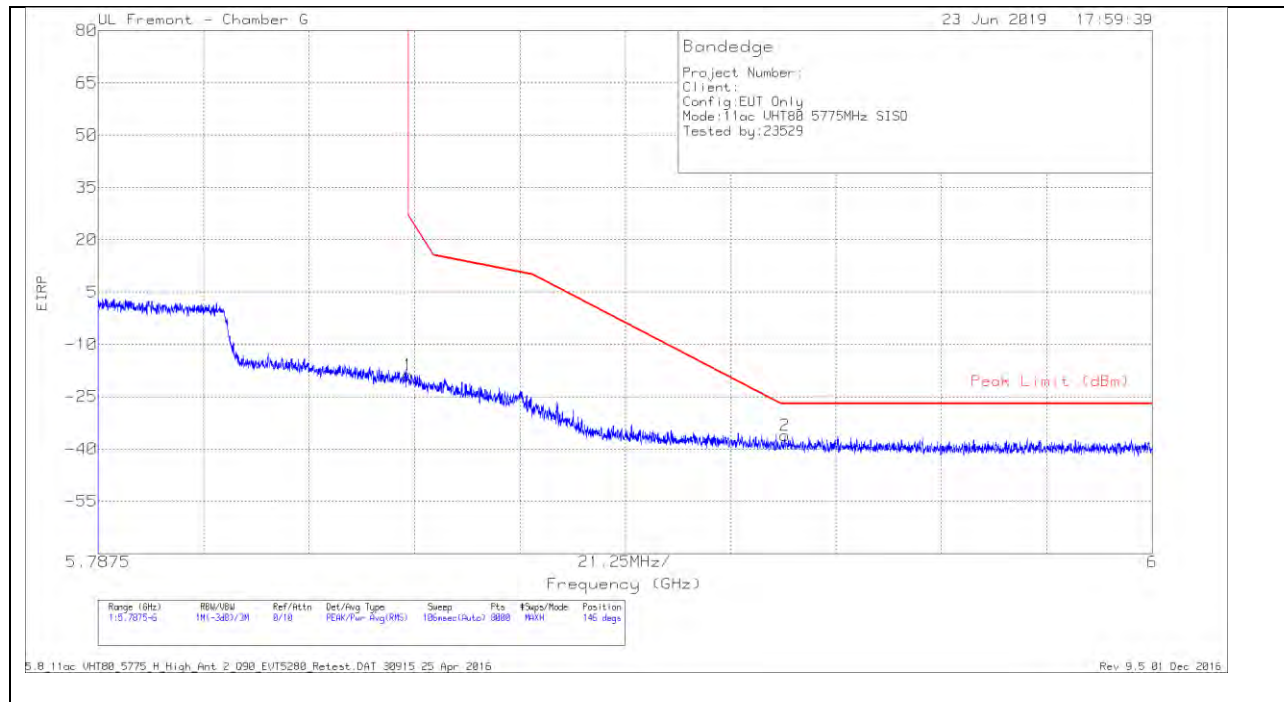


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (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            | -58.12              | Pk  | 34.9           | -20.2                   | 11.8                   | -31.62                 | -26.89           | -4.73          | 105            | 118         | V        |
| 1      | 5.725           | -38.39              | Pk  | 35.1           | -20                     | 11.8                   | -11.49                 | 27               | -38.49         | 105            | 118         | V        |

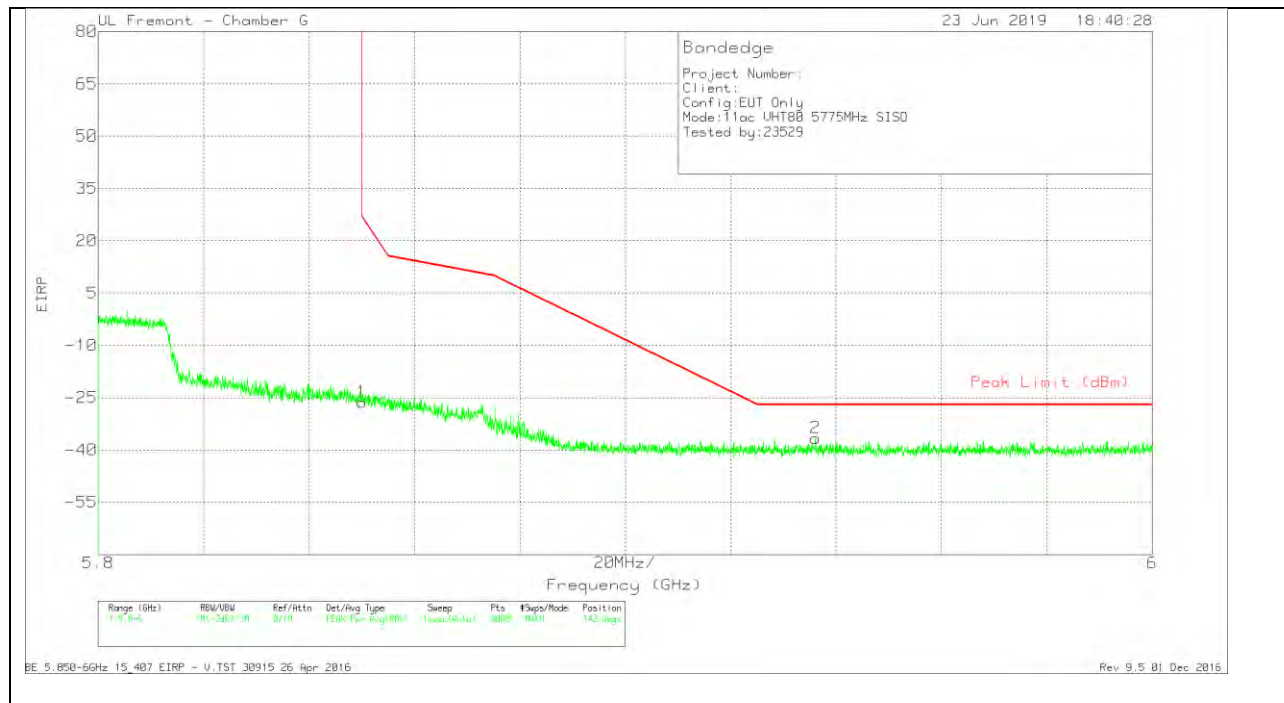
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (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            | -46.08              | Pk  | 35.4           | -19.9                   | 11.8                   | -18.78                 | 26.98            | -45.76         | 146            | 105         | H        |
| 2      | 5.926           | -63.22              | Pk  | 35.5           | -20.2                   | 11.8                   | -36.12                 | -27              | -9.12          | 146            | 105         | H        |

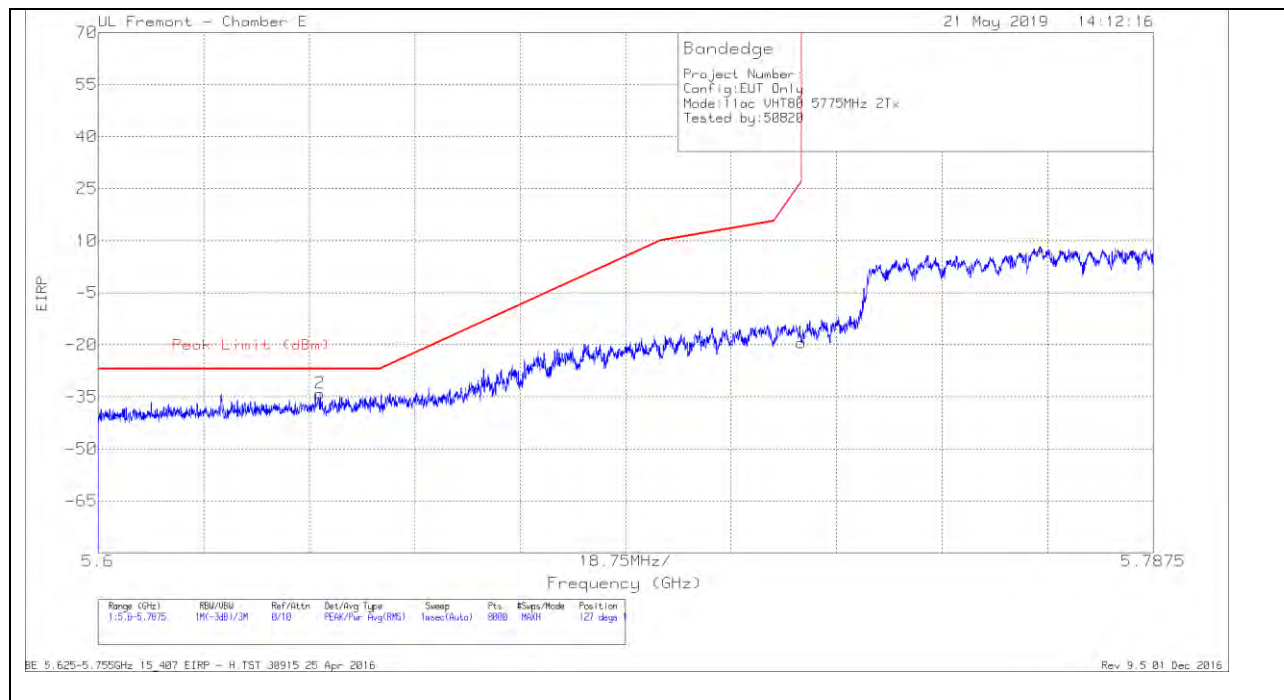
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T120 (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            | -53.61              | Pk  | 35.4           | -19.9                   | 11.8                   | -26.31                 | 26.99            | -53.3          | 142            | 102         | V        |
| 2      | 5.936           | -63.67              | Pk  | 35.5           | -20.2                   | 11.8                   | -36.57                 | -27              | -9.57          | 142            | 102         | V        |

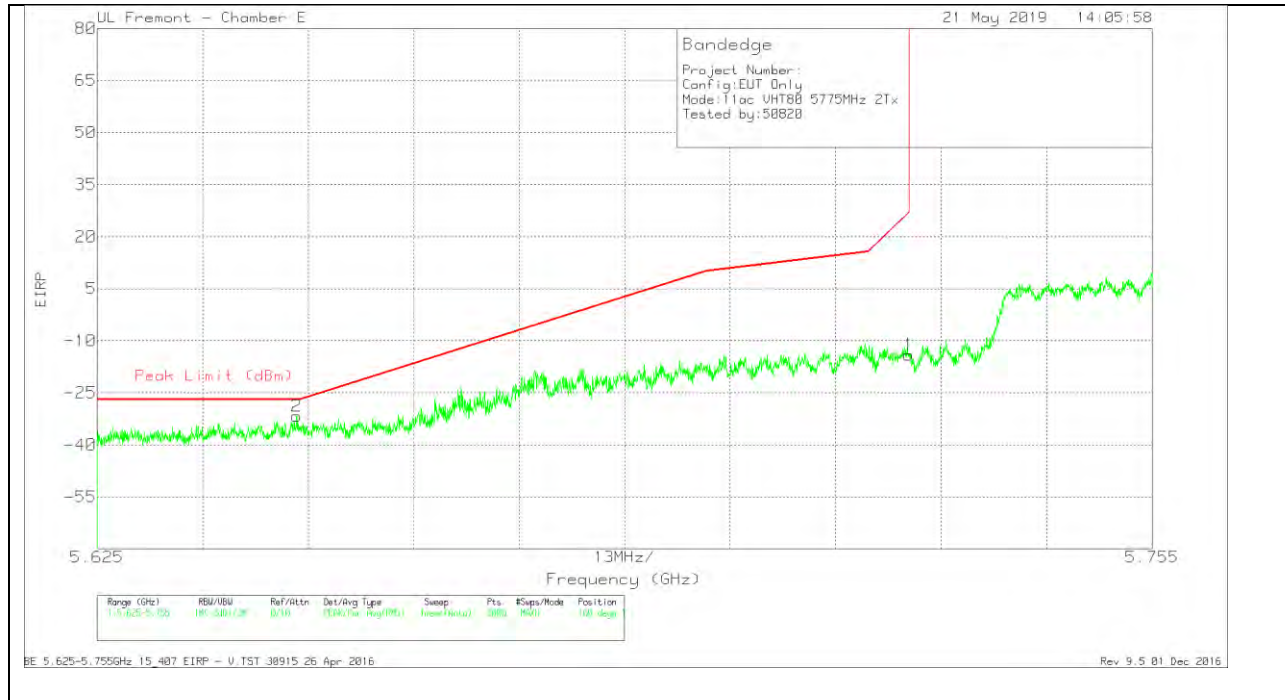
Pk - Peak detector

**2TX Antenna 4 + Antenna 5 CDD MODE****BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.639           | -59.21              | Pk  | 34.8           | -21.4                  | 11.8                   | -34.01                 | -27              | -7.01          | 127            | 133         | H        |
| 1      | 5.725           | -45.08              | Pk  | 34.8           | -20.9                  | 11.8                   | -19.38                 | 26.96            | -46.34         | 127            | 133         | H        |

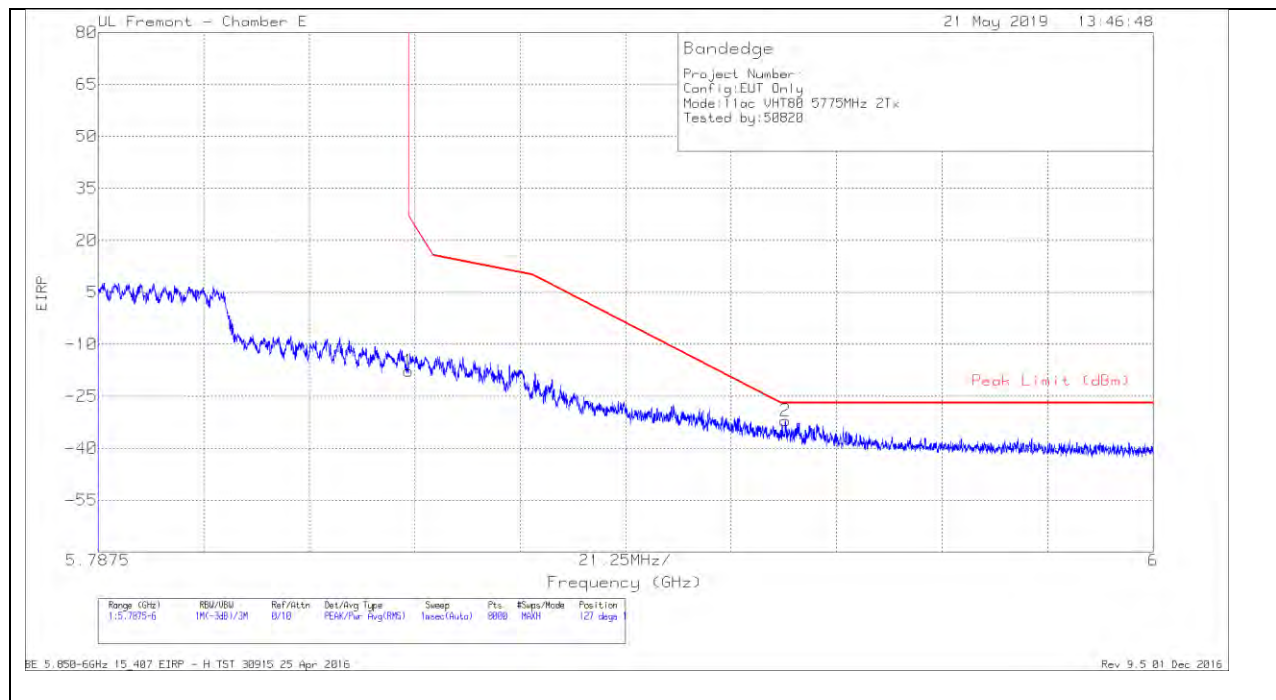
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dBm) | Amp/Cbl/Fitr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.65            | -57.04              | Pk  | 34.8          | -21.3                  | 11.8                   | -31.74                 | -27              | -4.74          | 160            | 149         | V        |
| 1      | 5.725           | -39.8               | Pk  | 34.8          | -20.9                  | 11.8                   | -14.1                  | 27               | -41.1          | 160            | 149         | V        |

Pk - Peak detector

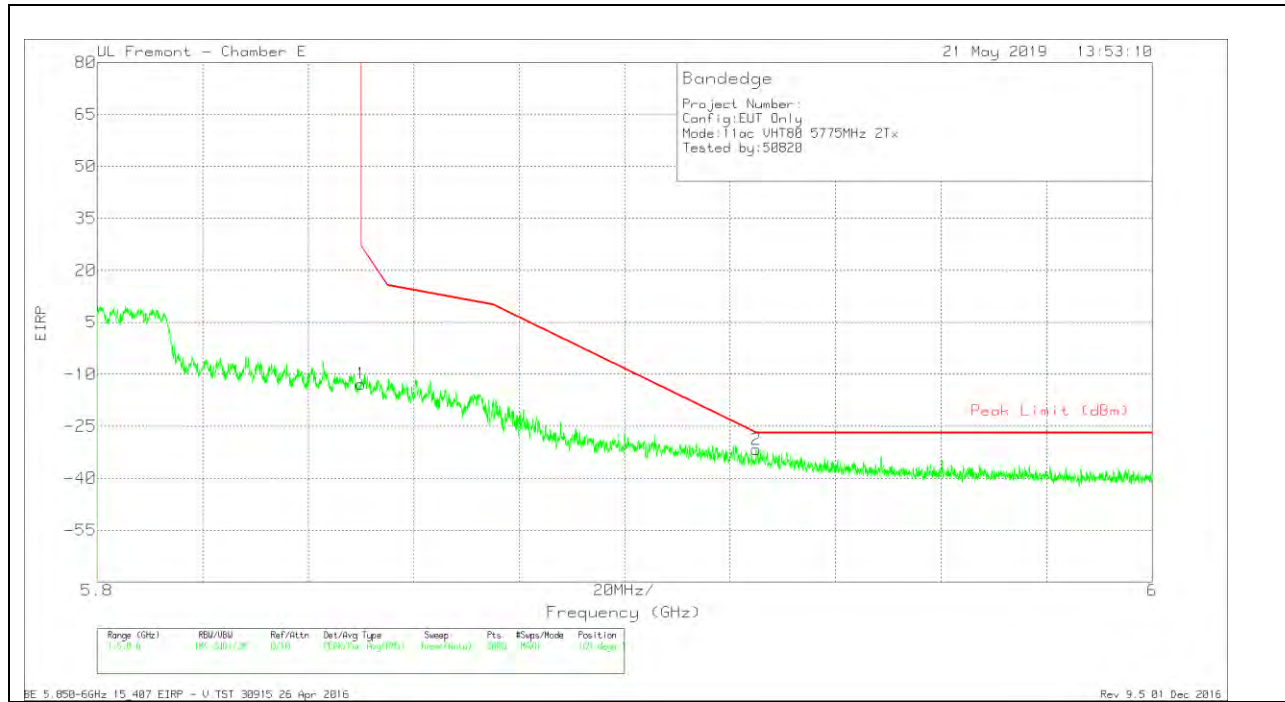
**BANDEGE (CHANNEL 155 HIGH EDGE)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -43.87              | Pk  | 34.9           | -20.5                   | 11.8                   | -17.67                 | 26.98            | -44.65         | 127            | 118         | H        |
| 2      | 5.926           | -58.24              | Pk  | 35.1           | -20.7                   | 11.8                   | -32.04                 | -27              | -5.04          | 127            | 118         | H        |

Pk - Peak detector

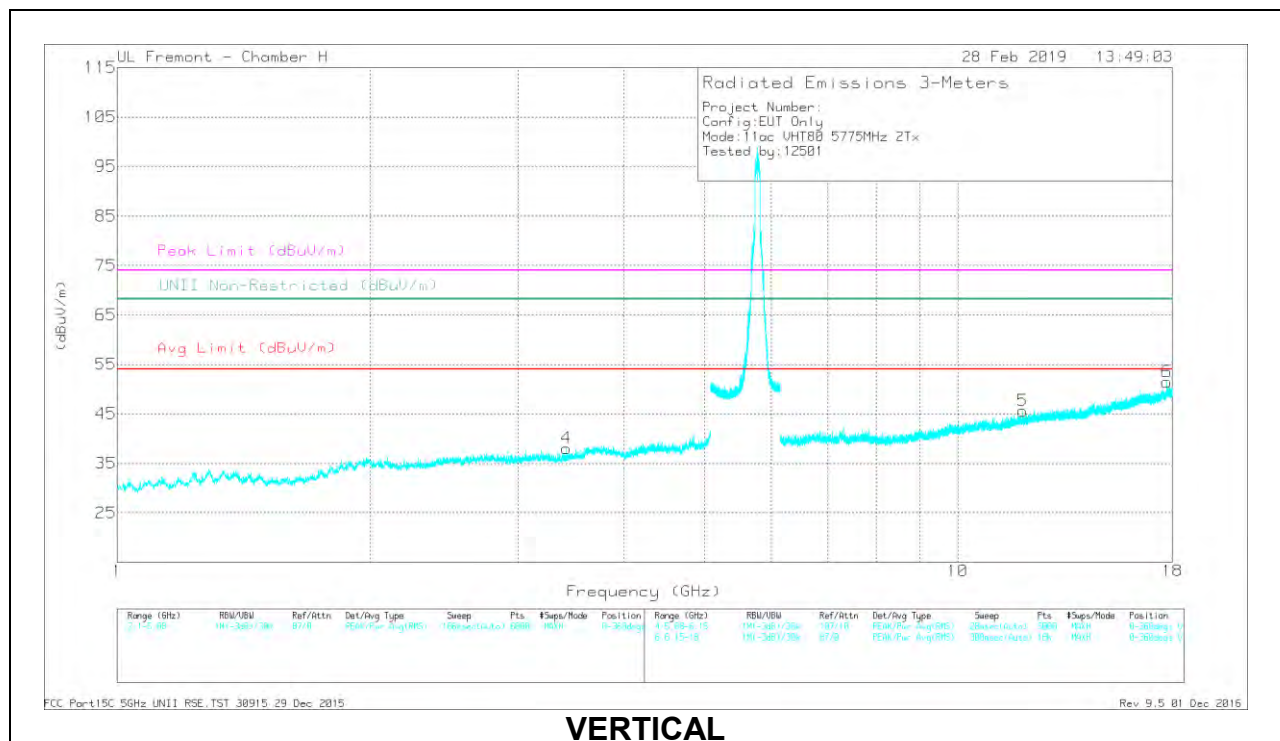
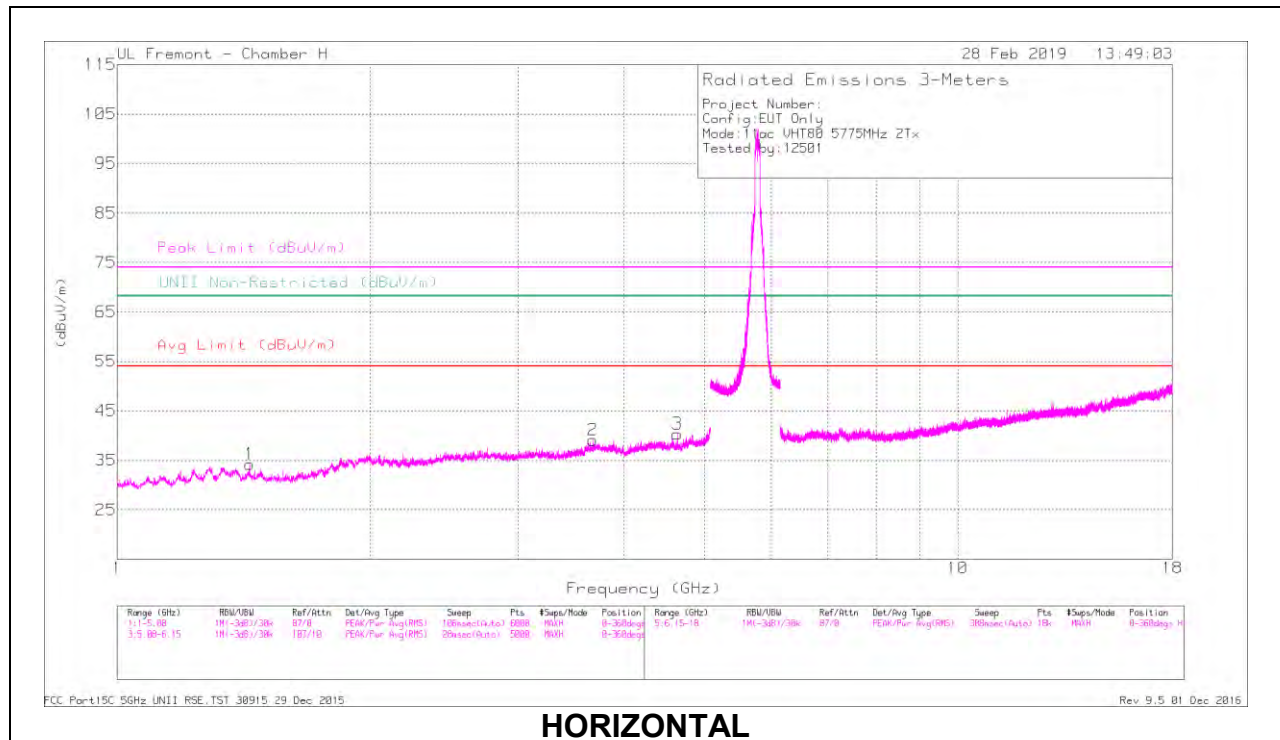


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -38.96              | Pk  | 34.9           | -20.5                   | 11.8                   | -12.76                 | 26.99            | -39.75         | 169            | 193         | V        |
| 2      | 5.925           | -57.95              | Pk  | 35             | -20.6                   | 11.8                   | -31.75                 | -26.94           | -4.81          | 169            | 193         | V        |

Pk - Peak detector

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

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBμV) | Det  | AF T136 (dB/m) | Amp/Cable/Pad (dB) | DC Corr (dB) | Corrected Reading (dBμV/m) | Avg Limit (dBμV/m) | Margin (dB) | Peak Limit (dBμV/m) | PK Margin (dB) | UNR Non-Restricted (dBμV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|--------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 2      | * 3.678         | 41.46                | PK-U | 33.1           | -30.7              | 0            | 43.86                      | -                  | -           | 74                  | -30.14         | -                           | -              | 222            | 230         | H        |
|        | * 3.679         | 29.85                | ADR  | 33.1           | -30.7              | .19          | 32.44                      | 54                 | -21.56      | -                   | -              | -                           | -              | 222            | 230         | H        |
| 3      | * 4.64          | 41.26                | PK-U | 34.1           | -30                | 0            | 45.36                      | -                  | -           | 74                  | -28.64         | -                           | -              | 104            | 209         | H        |
|        | * 4.638         | 29.88                | ADR  | 34.1           | -30                | .19          | 34.17                      | 54                 | -19.83      | -                   | -              | -                           | -              | 104            | 209         | H        |
| 5      | * 11.95         | 36.35                | PK-U | 38.8           | -23.5              | 0            | 51.65                      | -                  | -           | 74                  | -22.35         | -                           | -              | 17             | 110         | V        |
|        | * 11.952        | 24.86                | ADR  | 38.8           | -23.6              | .19          | 40.25                      | 54                 | -13.75      | -                   | -              | -                           | -              | 17             | 110         | V        |
| 6      | * 17.732        | 36.24                | PK-U | 41.6           | -19.9              | 0            | 57.94                      | -                  | -           | 74                  | -16.06         | -                           | -              | 89             | 168         | V        |
|        | * 17.732        | 24.56                | ADR  | 41.6           | -19.9              | .19          | 46.45                      | 54                 | -7.55       | -                   | -              | -                           | -              | 89             | 168         | V        |
| 1      | 1.435           | 44.65                | PK-U | 28.6           | -32.9              | 0            | 40.35                      | -                  | -           | -                   | -              | 68.2                        | -27.85         | 231            | 293         | H        |
| 4      | 3.424           | 42.41                | PK-U | 32.7           | -30.9              | 0            | 44.21                      | -                  | -           | -                   | -              | 68.2                        | -23.99         | 310            | 331         | V        |

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

PK-U - U-NII: Maximum Peak

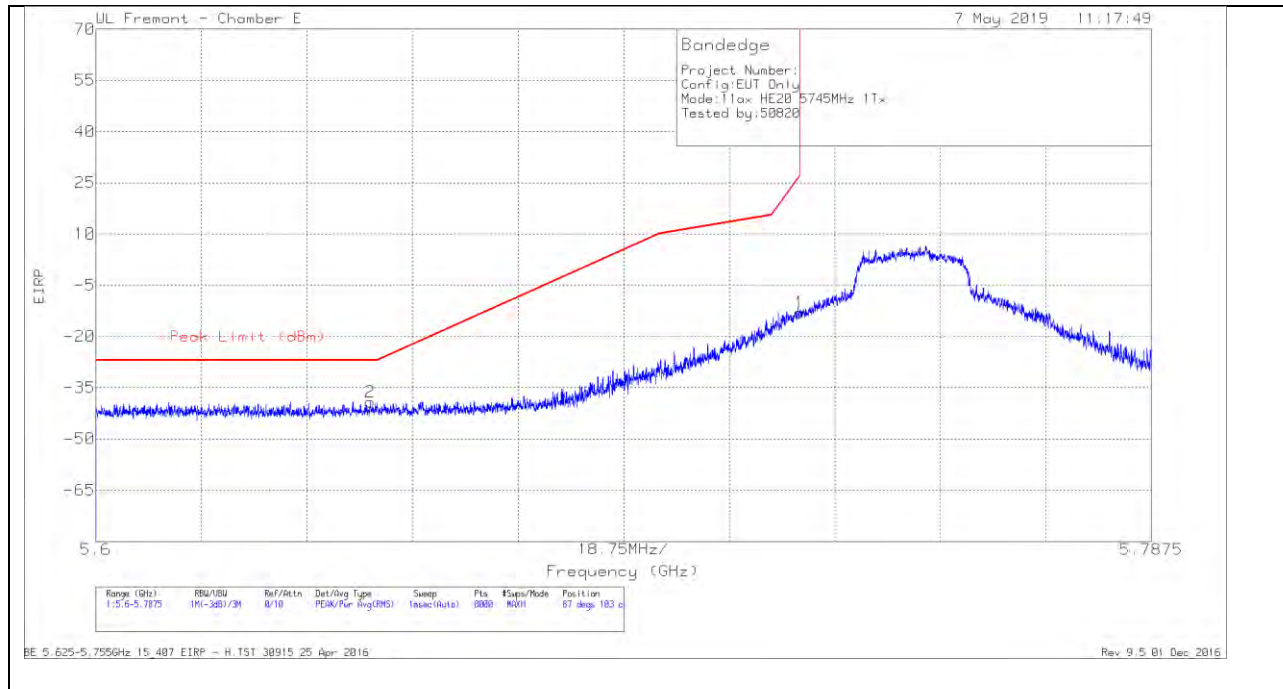
ADR - U-NII AD primary method, RMS average

## 1.1.22. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND

### 1TX Antenna 4 MODE – 242 Tones, RU Index 61

### BANDEDGE (LOW CHANNEL)

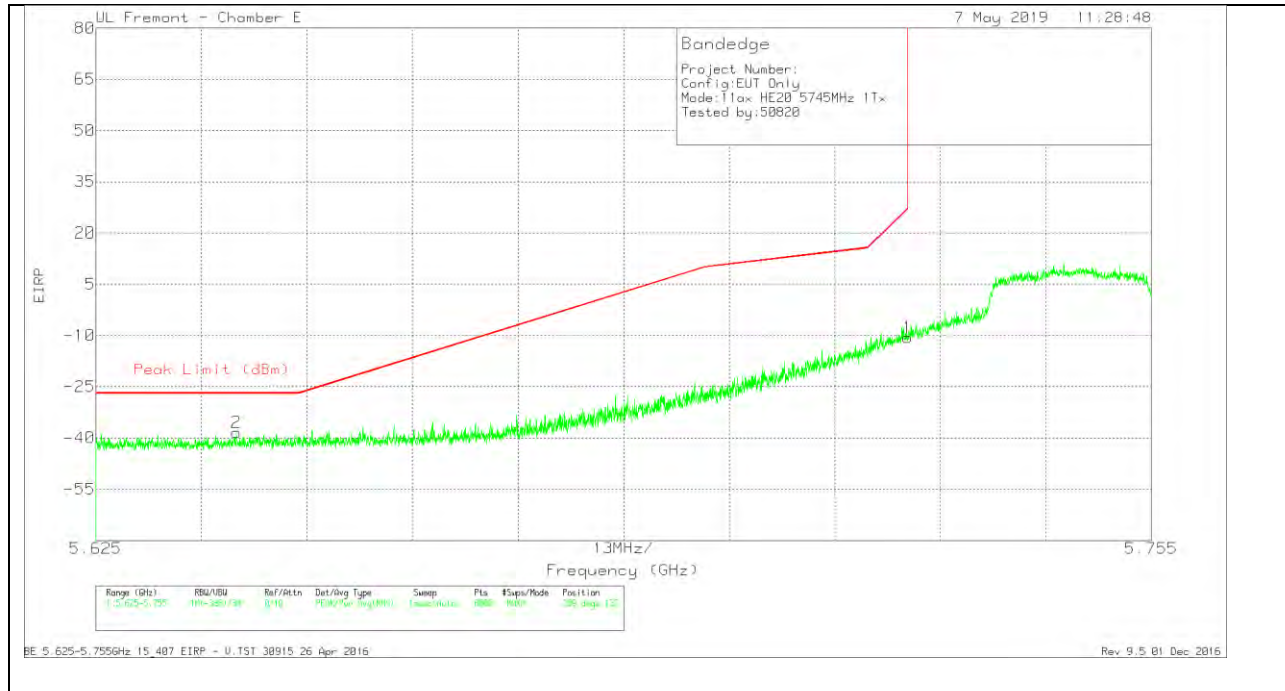
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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           | -64.43              | Pk  | 34.8           | -21.3                   | 11.8                   | -39.13                 | -27              | -12.13         | 87             | 103         | H        |
| 1      | 5.725           | -38.79              | Pk  | 34.8           | -20.9                   | 11.8                   | -13.09                 | 26.96            | -40.05         | 87             | 103         | H        |

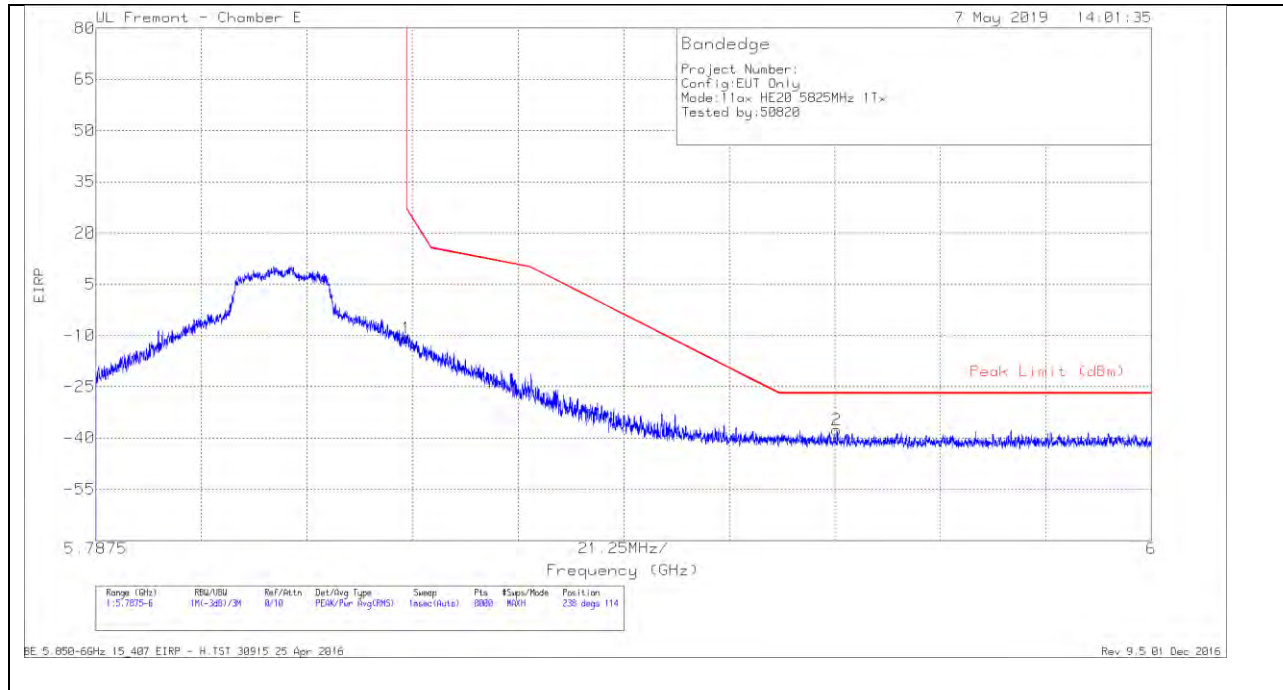
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.642           | -63.55              | Pk  | 34.8           | -21.4                   | 11.8                   | -38.35                 | -27              | -11.35         | 289            | 132         | V        |
| 1      | 5.725           | -36.25              | Pk  | 34.8           | -20.9                   | 11.8                   | -10.55                 | 27               | -37.55         | 289            | 132         | V        |

Pk - Peak detector

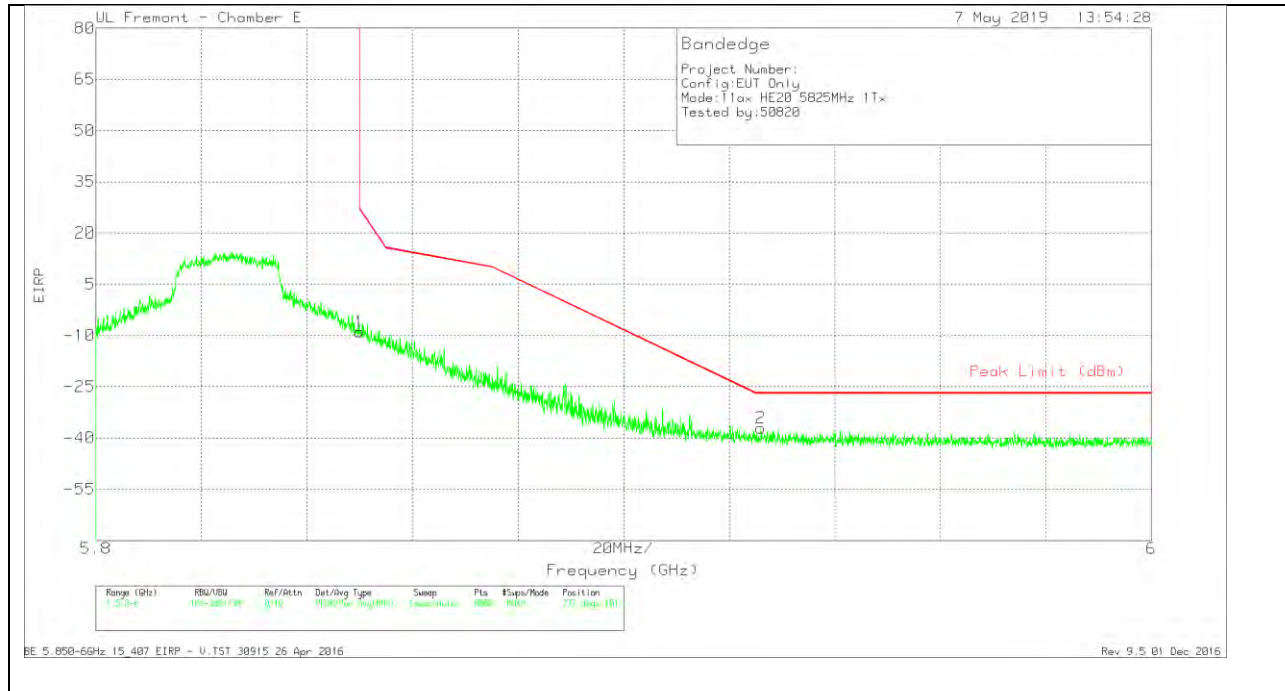
**BANDEGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -37                 | Pk  | 34.9           | -20.5                   | 11.8                   | -10.8                  | 26.98            | -37.78         | 238            | 114         | H        |
| 2      | 5.937           | -63.79              | Pk  | 35.1           | -20.7                   | 11.8                   | -37.59                 | -27              | -10.59         | 238            | 114         | H        |

Pk - Peak detector

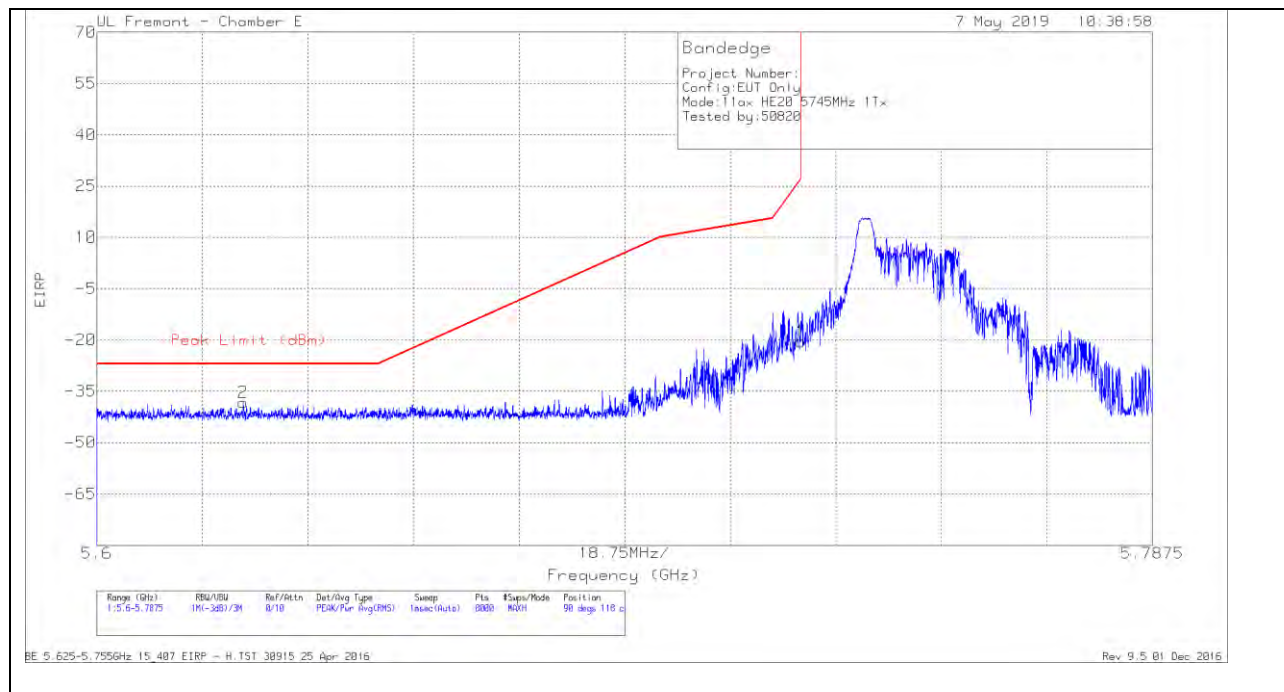


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -35.05              | Pk  | 34.9           | -20.5                   | 11.8                   | -8.85                  | 26.99            | -35.84         | 272            | 101         | V        |
| 2      | 5.926           | -63.27              | Pk  | 35.1           | -20.7                   | 11.8                   | -37.07                 | -27              | -10.07         | 272            | 101         | V        |

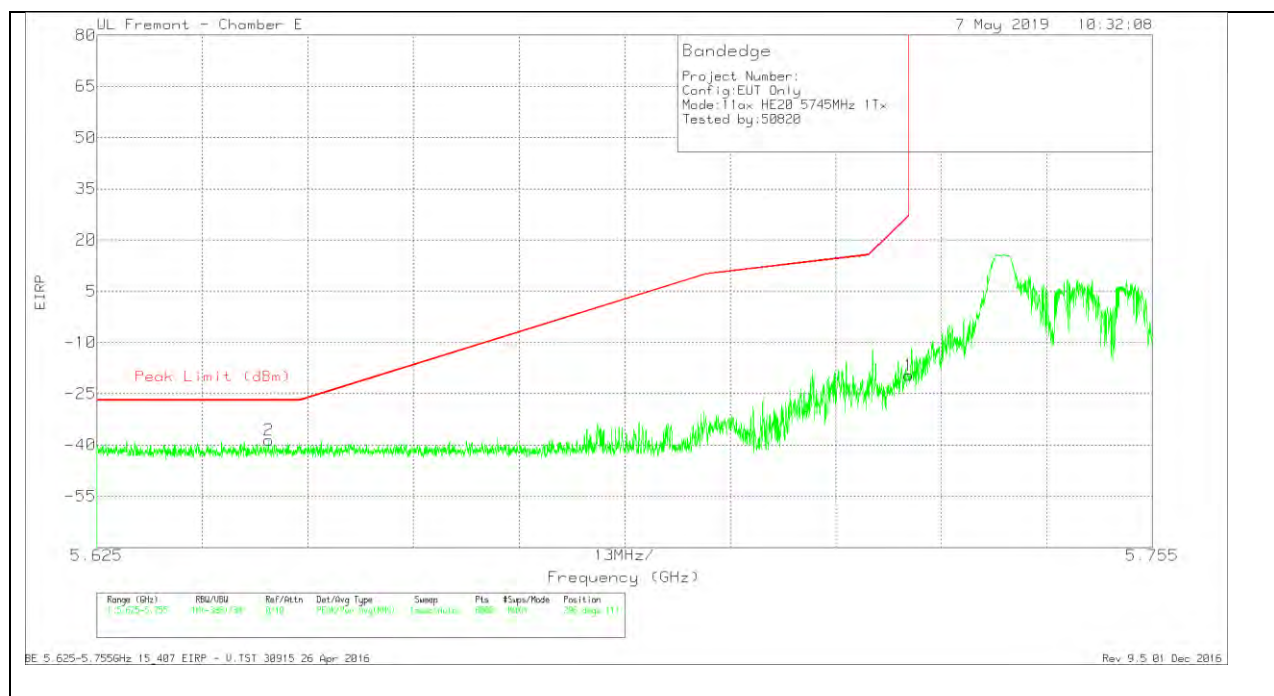
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.626           | -63.54              | Pk  | 34.8           | -21.4                   | 11.8                   | -38.34                 | -27              | -11.34         | 90             | 118         | H        |
| 1      | 5.725           | -46.19              | Pk  | 34.8           | -20.9                   | 11.8                   | -20.49                 | 26.96            | -47.45         | 90             | 118         | H        |

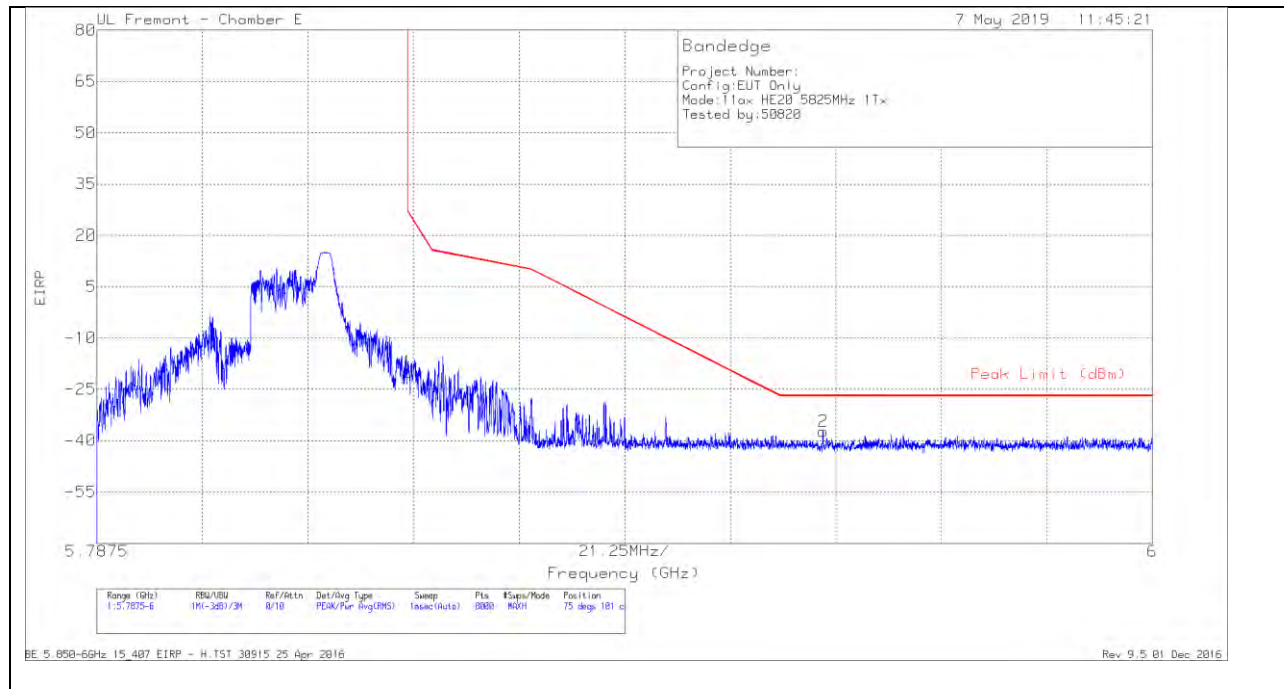
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.646           | -63.94              | Pk  | 34.8           | -21.3                   | 11.8                   | -38.64                 | -27              | -11.64         | 296            | 111         | V        |
| 1      | 5.725           | -45.31              | Pk  | 34.8           | -20.9                   | 11.8                   | -19.61                 | 27               | -46.61         | 296            | 111         | V        |

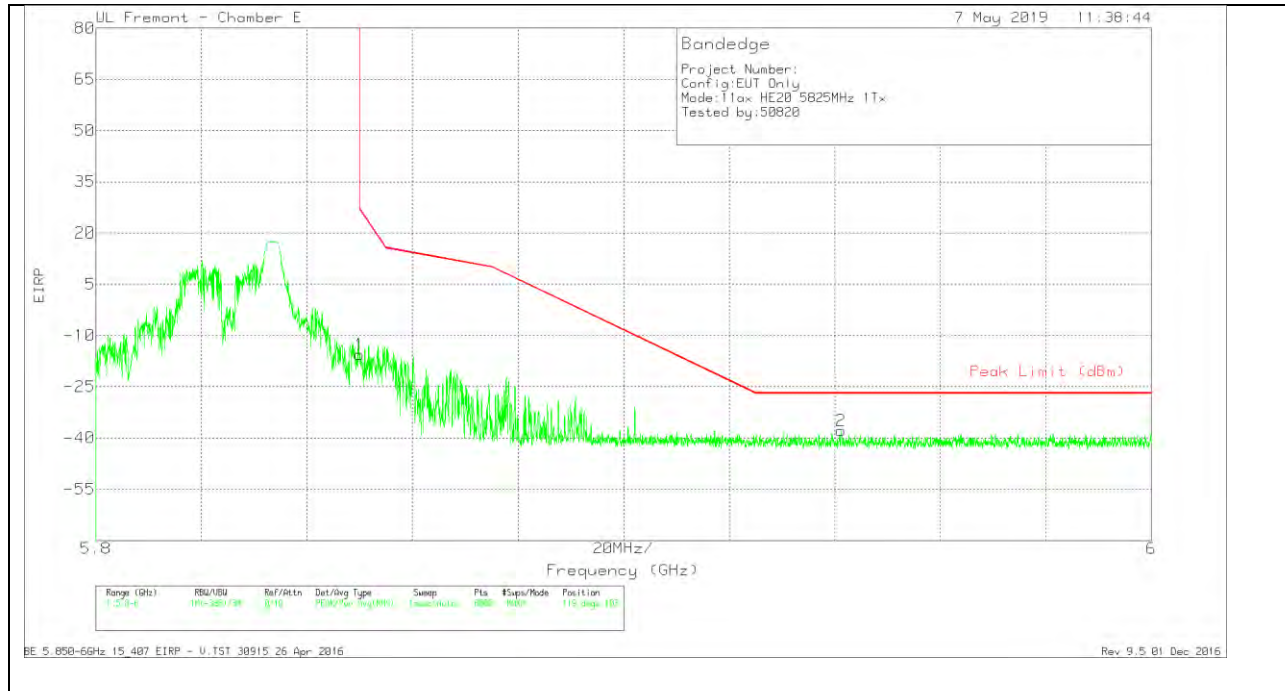
Pk - Peak detector

**1TX Antenna 4 MODE – 26 Tones, RU Index 8****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -46.15              | Pk  | 34.9           | -20.5                   | 11.8                   | -19.95                 | 26.98            | -46.93         | 75             | 101         | H        |
| 2      | 5.934           | -63.53              | Pk  | 35.1           | -20.7                   | 11.8                   | -37.33                 | -27              | -10.33         | 75             | 101         | H        |

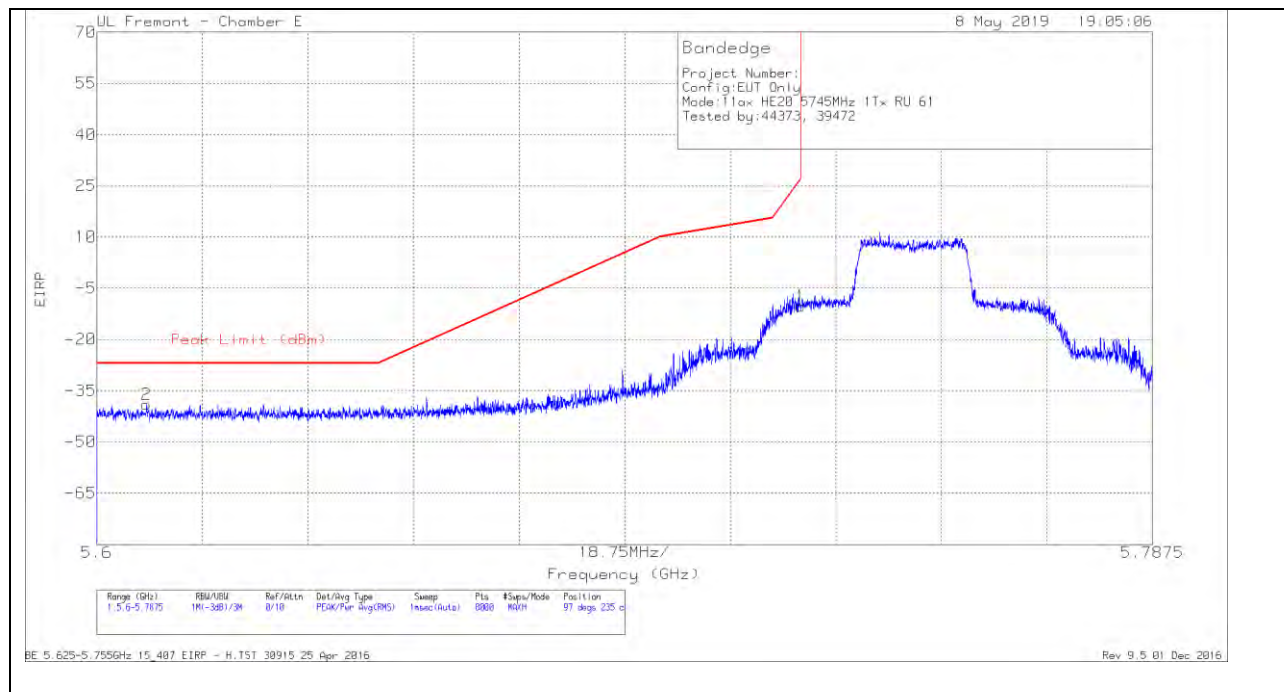
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -41.79              | Pk  | 34.9           | -20.5                   | 11.8                   | -15.59                 | 26.99            | -42.58         | 119            | 103         | V        |
| 2      | 5.941           | -63.99              | Pk  | 35.1           | -20.7                   | 11.8                   | -37.79                 | -27              | -10.79         | 119            | 103         | V        |

Pk - Peak detector

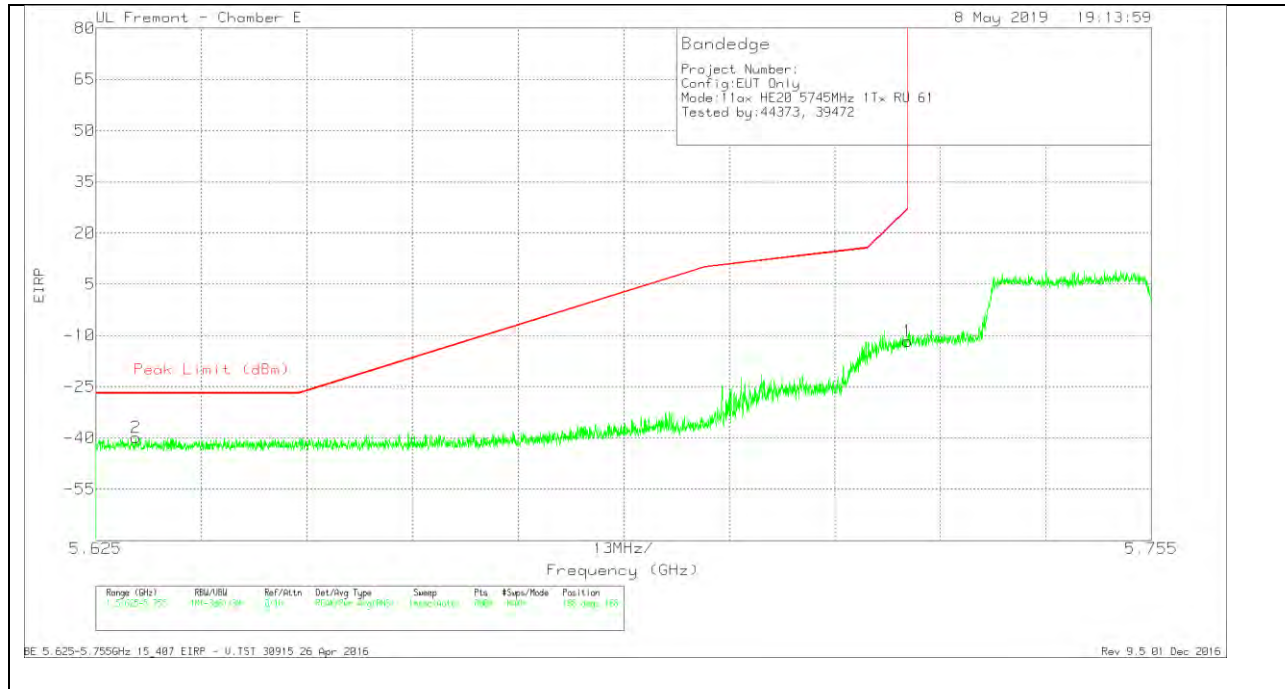
**1TX Antenna 5 MODE – 242 Tones, RU Index 61****BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.609           | -64.03              | Pk  | 34.8           | -21.5                 | 11.8                   | -38.93                 | -27              | -11.93         | 97             | 235         | H        |
| 1      | 5.725           | -35.94              | Pk  | 34.8           | -20.9                 | 11.8                   | -10.24                 | 26.96            | -37.2          | 97             | 235         | H        |

Pk - Peak detector

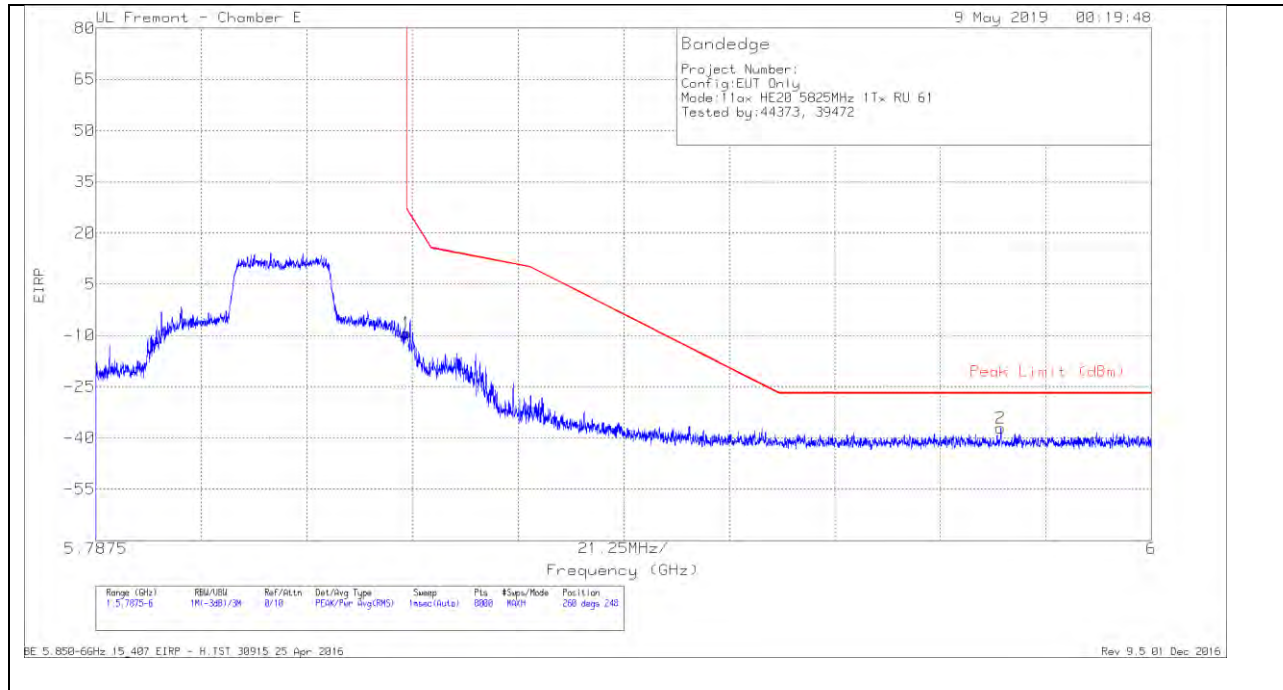


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.63            | -65.03              | Pk  | 34.8           | -21.4                  | 11.8                   | -39.83                 | -27              | -12.83         | 188            | 168         | V        |
| 1      | 5.725           | -37.38              | Pk  | 34.8           | -20.9                  | 11.8                   | -11.68                 | 27               | -38.68         | 188            | 168         | V        |

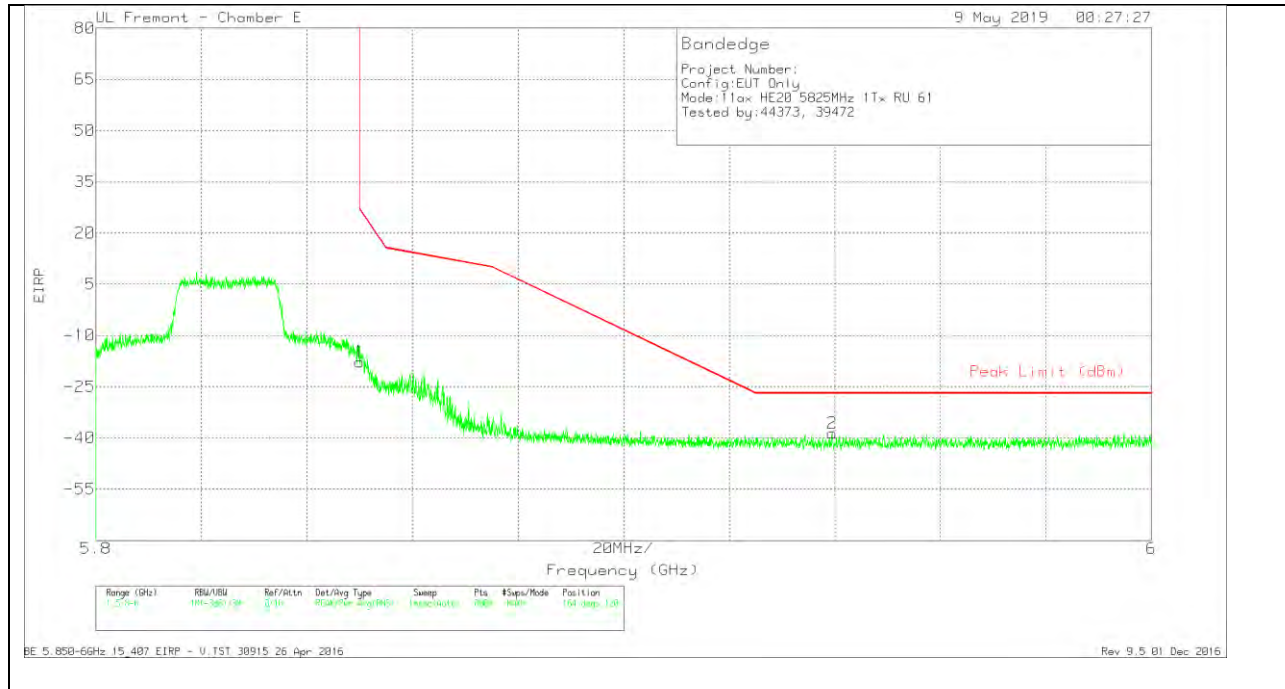
Pk - Peak detector

**BANDEGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/CbI/Fitr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -35.42              | Pk  | 34.9           | -20.5                  | 11.8                   | -9.22                  | 26.98            | -36.2          | 260            | 248         | H        |
| 2      | 5.97            | -63.37              | Pk  | 35             | -20.6                  | 11.8                   | -37.17                 | -27              | -10.17         | 260            | 248         | H        |

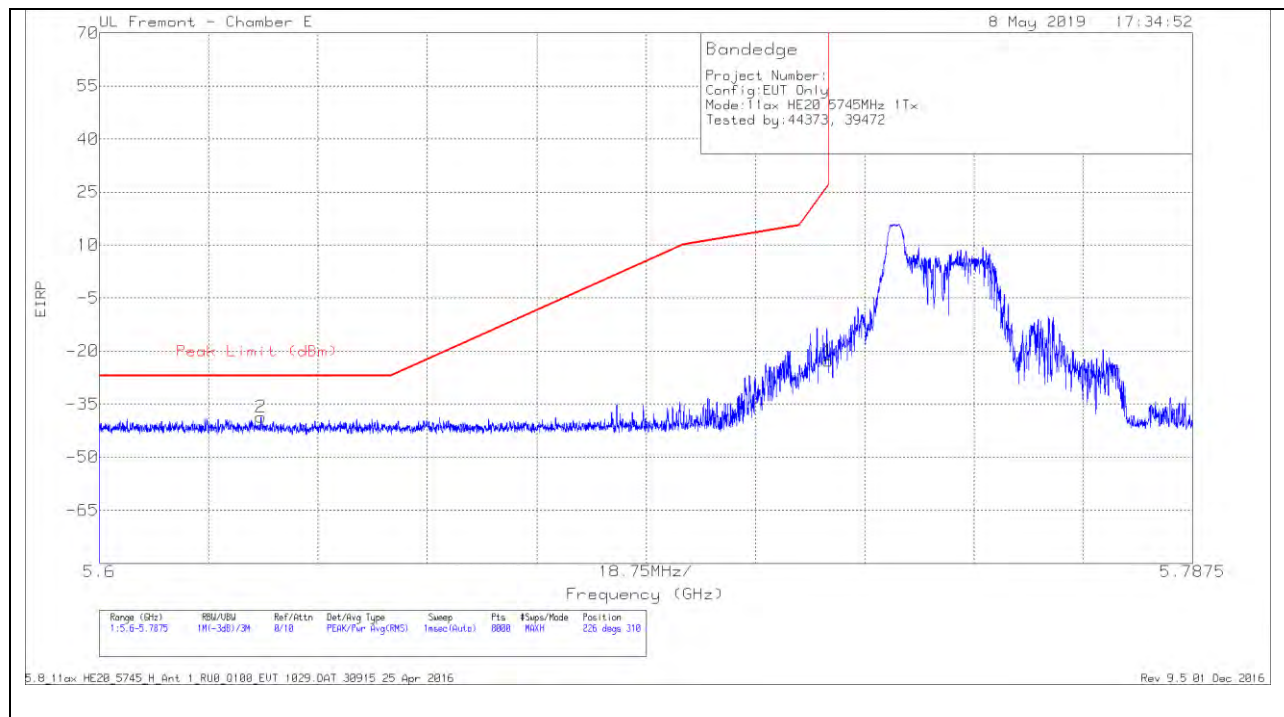
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -43.88              | Pk  | 34.9           | -20.5                  | 11.8                   | -17.68                 | 26.99            | -44.67         | 164            | 120         | V        |
| 2      | 5.939           | -64.84              | Pk  | 35.1           | -20.7                  | 11.8                   | -38.64                 | -27              | -11.64         | 164            | 120         | V        |

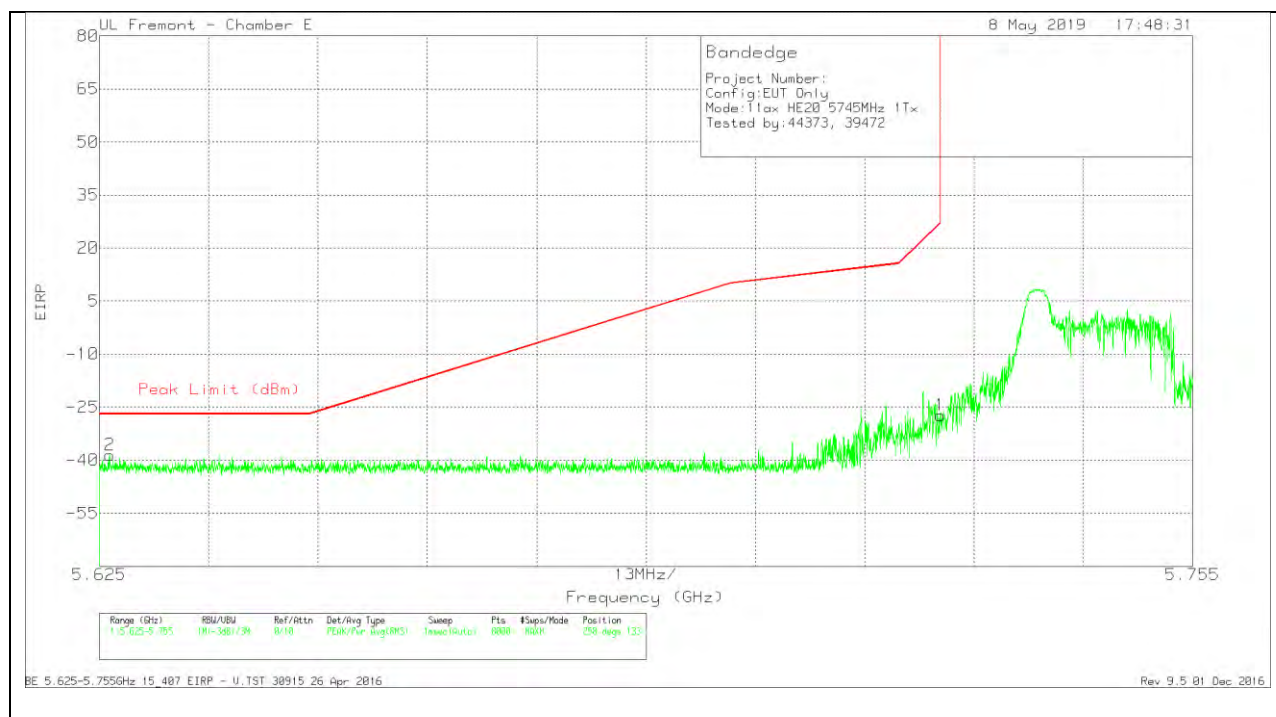
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.628           | -64.01              | Pk  | 34.9           | -21.4                  | 11.8                   | -38.71                 | -27              | -11.71         | 226            | 310         | H        |
| 1      | 5.725           | -48.56              | Pk  | 34.8           | -20.9                  | 11.8                   | -22.86                 | 26.96            | -49.82         | 226            | 310         | H        |

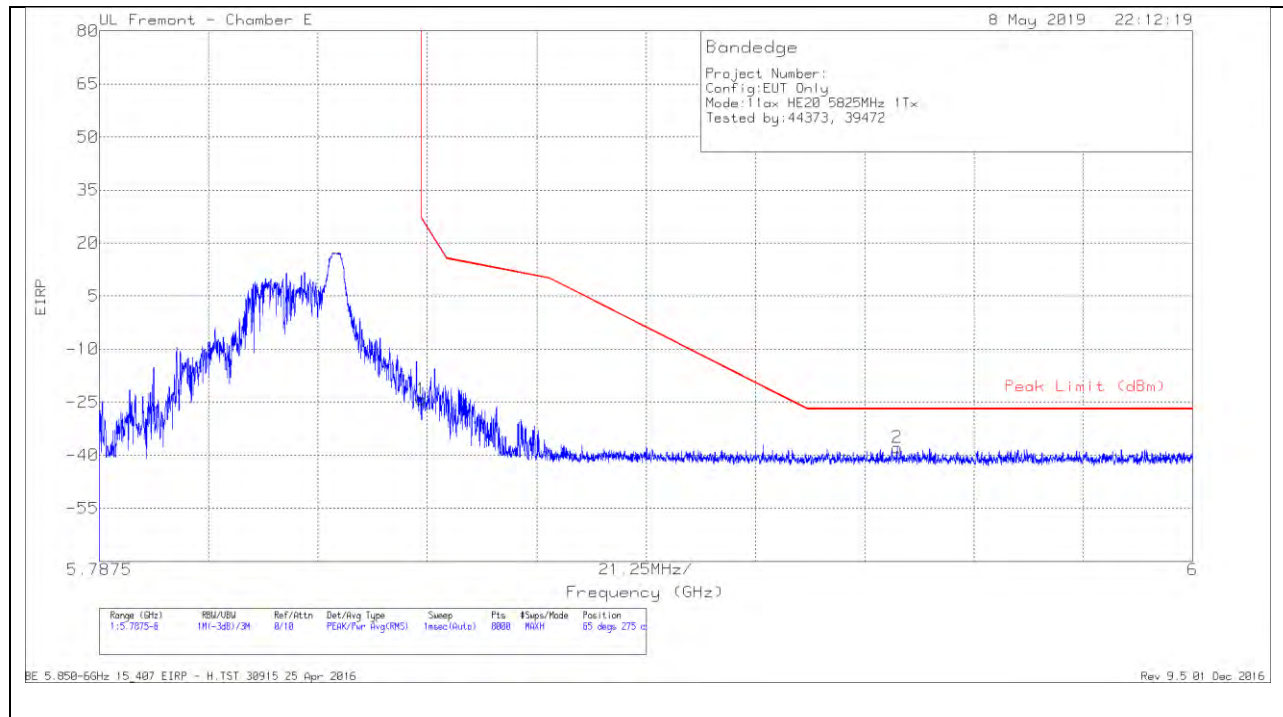
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.626           | -63.88              | Pk  | 34.9           | -21.4                   | 11.8                   | -38.58                 | -27              | -11.58         | 258            | 133         | V        |
| 1      | 5.725           | -52.98              | Pk  | 34.8           | -20.9                   | 11.8                   | -27.28                 | 27               | -54.28         | 258            | 133         | V        |

Pk - Peak detector

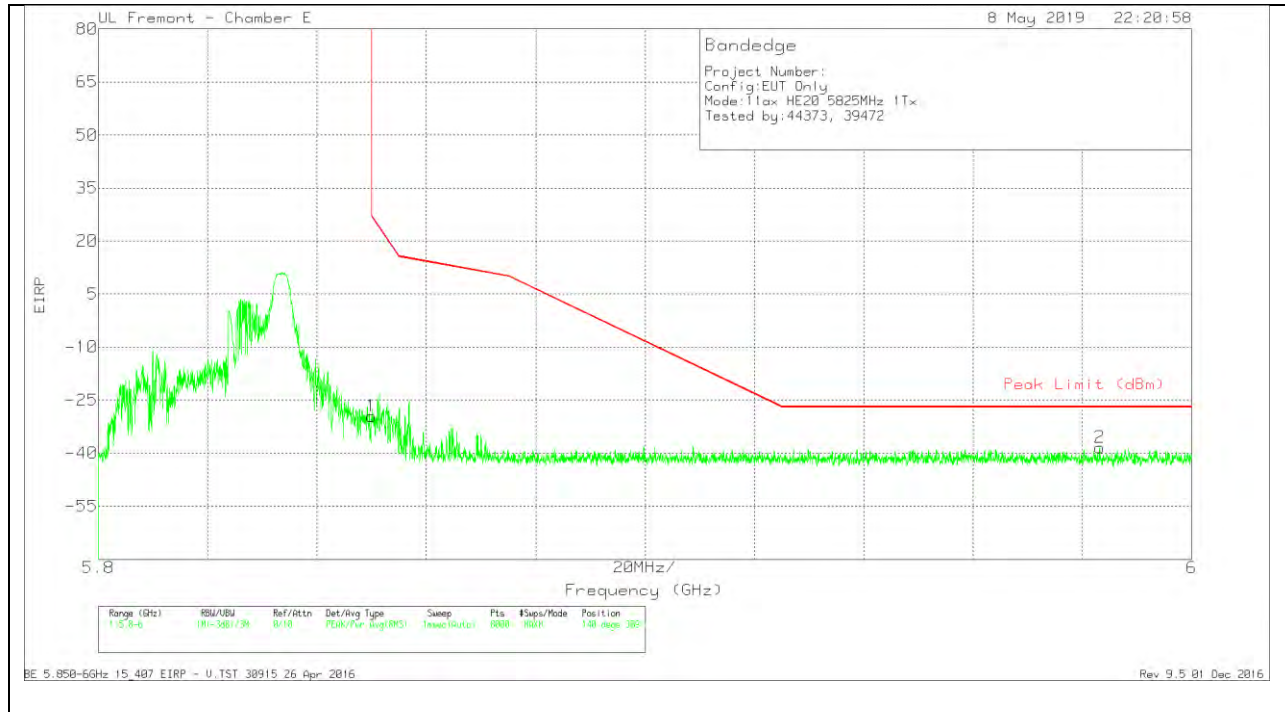
**1TX Antenna 5 MODE – 26 Tones, RU Index 8****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -50.46              | Pk  | 34.9           | -20.5                 | 11.8                   | -24.26                 | 26.98            | -51.24         | 65             | 275         | H        |
| 2      | 5.943           | -64.04              | Pk  | 35.1           | -20.7                 | 11.8                   | -37.84                 | -27              | -10.84         | 65             | 275         | H        |

Pk - Peak detector

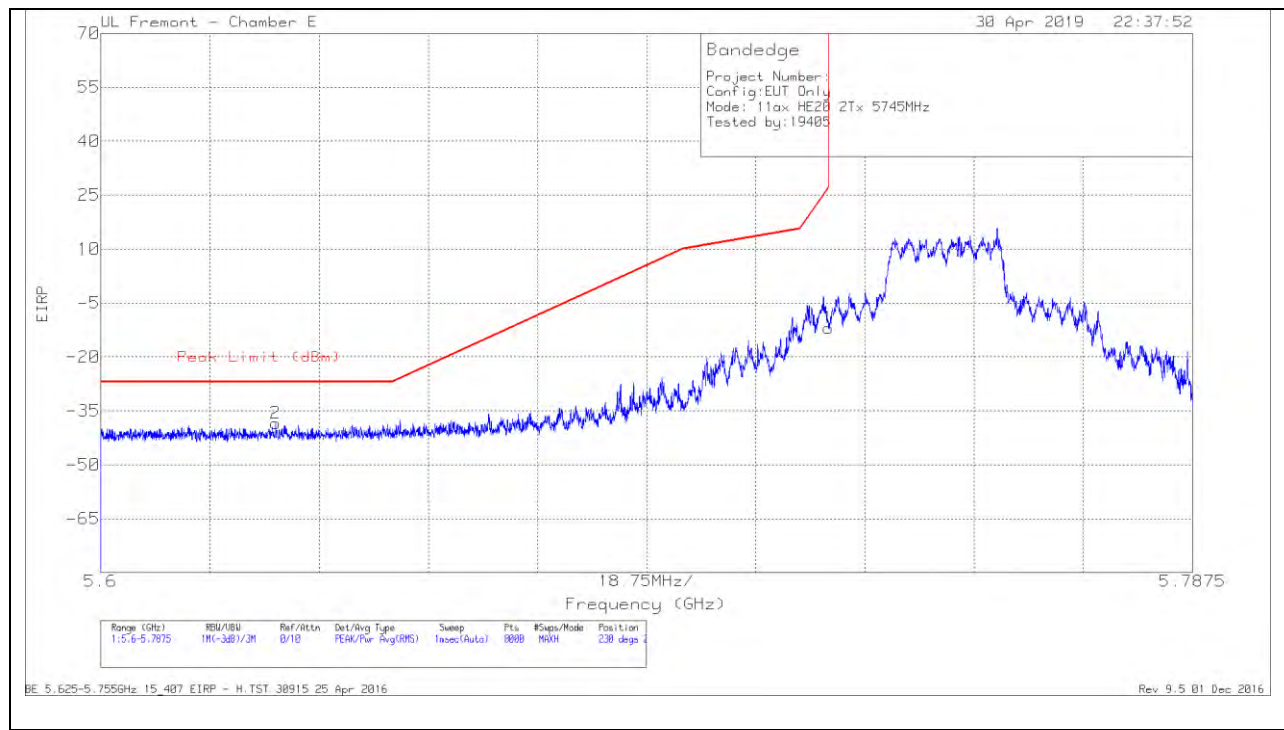


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.85            | -55.72              | Pk  | 34.9           | -20.5                  | 11.8                   | -29.52                 | 26.99            | -56.51         | 140            | 309         | V        |
| 2      | 5.983           | -64.54              | Pk  | 35             | -20.6                  | 11.8                   | -38.34                 | -27              | -11.34         | 140            | 309         | V        |

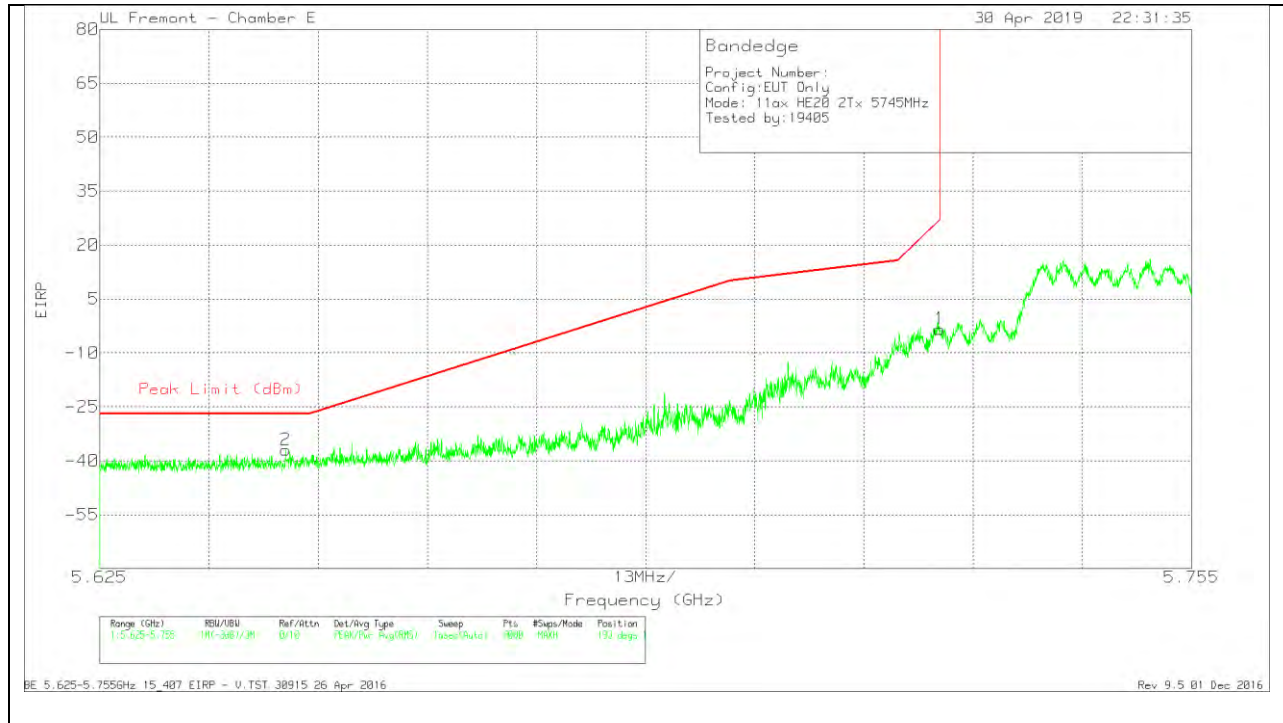
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.63            | -63.66              | Pk  | 34.8           | -21.4                   | 11.8                   | -38.46                 | -27              | -11.46         | 230            | 272         | H        |
| 1      | 5.725           | -37.7               | Pk  | 34.8           | -20.9                   | 11.8                   | -12                    | 26.96            | -38.96         | 230            | 272         | H        |

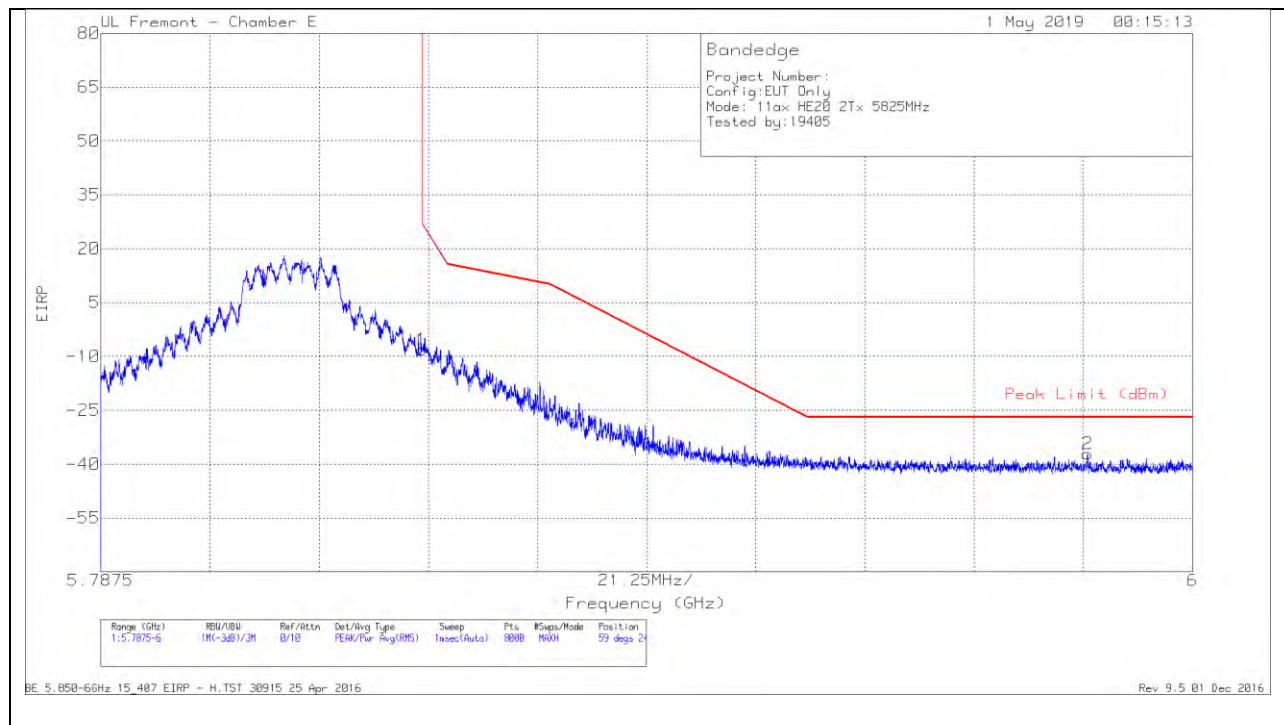
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.647           | -62.28              | Pk  | 34.8           | -21.3                   | 11.8                   | -36.98                 | -27              | -9.98          | 193            | 126         | V        |
| 1      | 5.725           | -29.08              | Pk  | 34.8           | -20.9                   | 11.8                   | -3.38                  | 27               | -30.38         | 193            | 126         | V        |

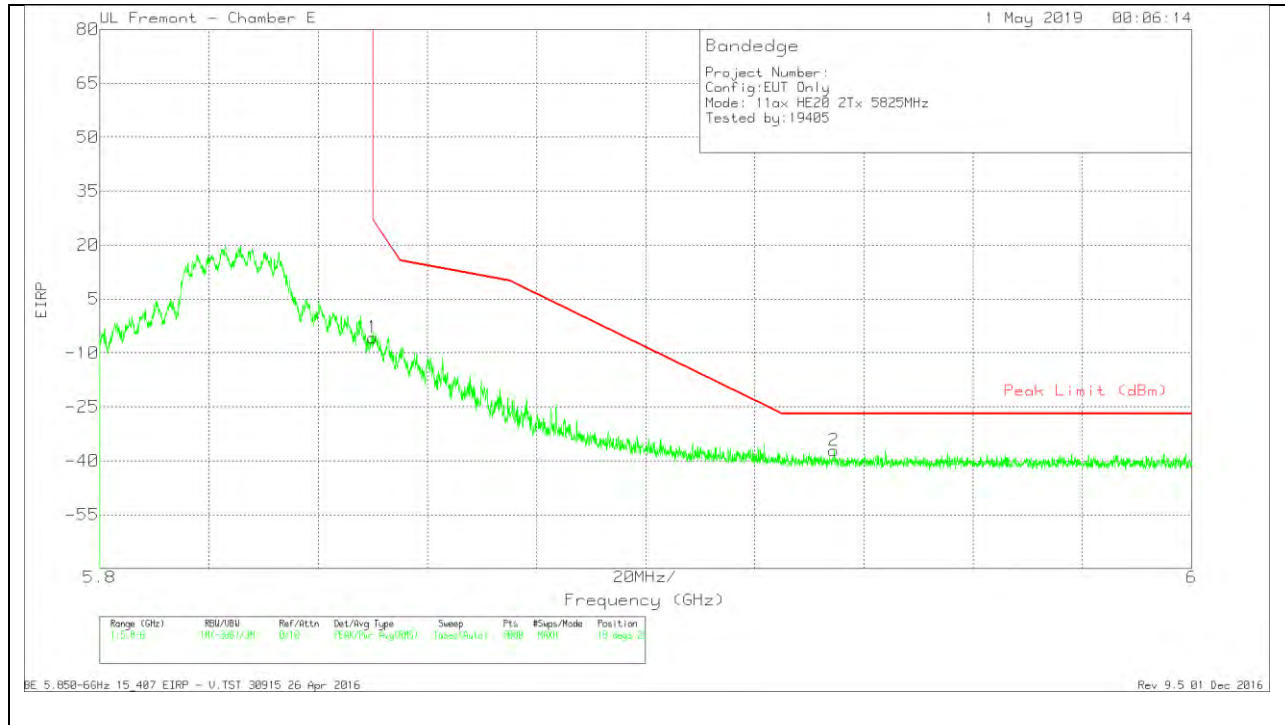
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -34.39              | Pk  | 34.9           | -20.5                   | 11.8                   | -8.19                  | 26.98            | -35.17         | 59             | 242         | H        |
| 2      | 5.98            | -63.44              | Pk  | 35.1           | -20.6                   | 11.8                   | -37.14                 | -27              | -10.14         | 59             | 242         | H        |

Pk - Peak detector

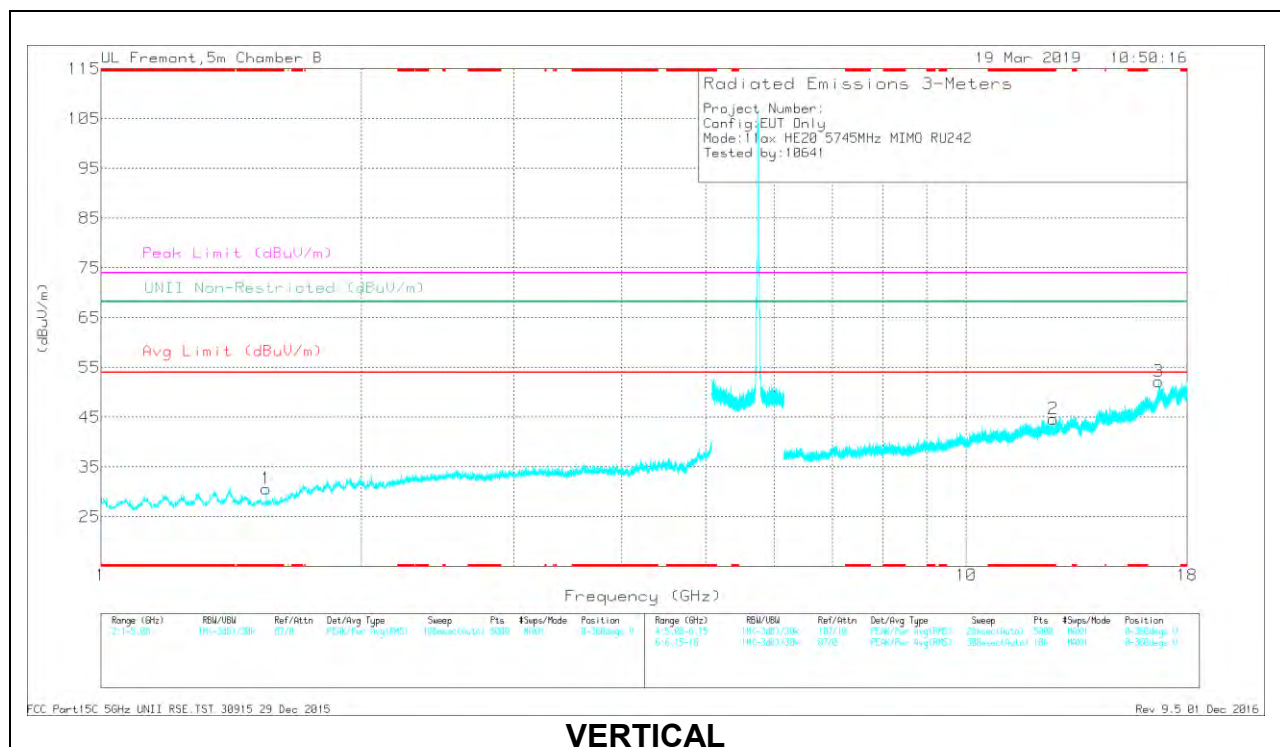
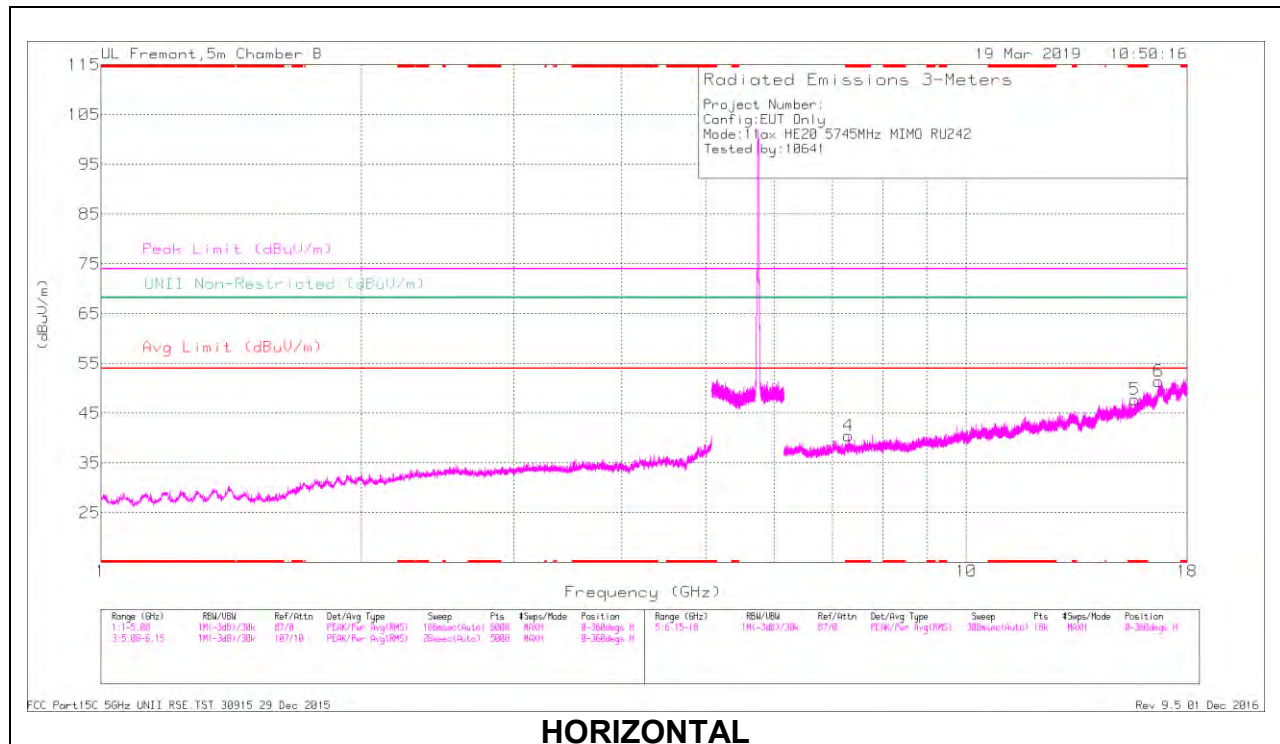
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -31.94              | Pk  | 34.9           | -20.5                   | 11.8                   | -5.74                  | 26.99            | -32.73         | 18             | 280         | V        |
| 2      | 5.935           | -63.33              | Pk  | 35.1           | -20.7                   | 11.8                   | -37.13                 | -27              | -10.13         | 18             | 280         | V        |

Pk - Peak detector



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



## RADIATED EMISSIONS

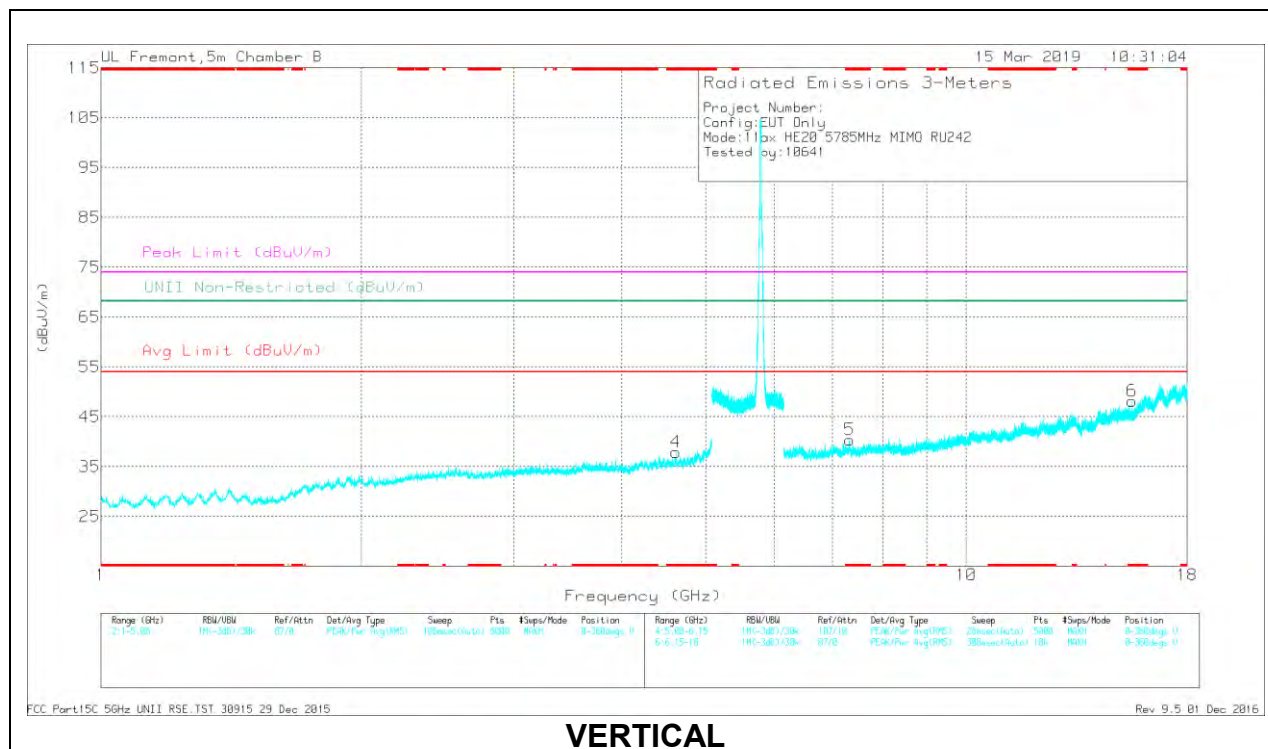
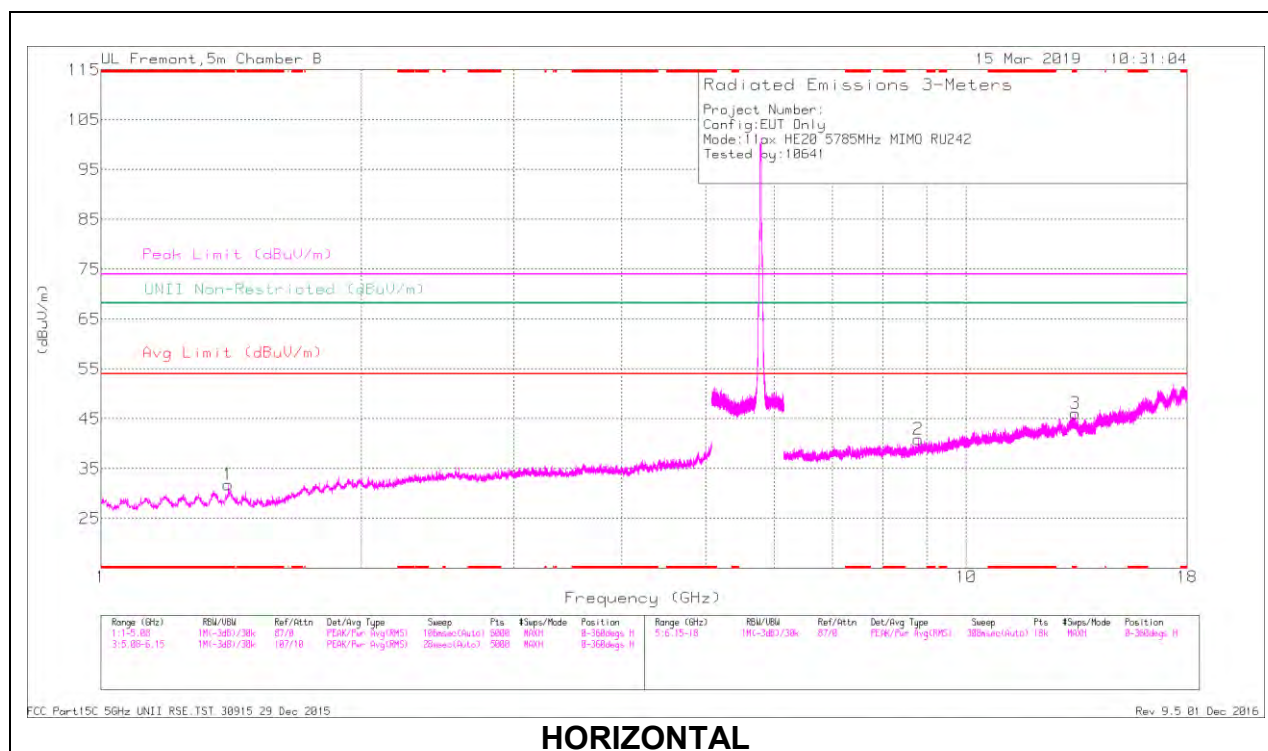
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.552         | 41.82                | PK-U | 27.7          | -33.1                  | 36.42                      | -                  | -           | 74                  | -37.58         | -                            | -              | 125            | 251         | V        |
|        | * 1.553         | 29.59                | ADR  | 27.7          | -33.1                  | 24.19                      | 54                 | -29.81      | -                   | -              | -                            | -              | 125            | 251         | V        |
| 5      | * 15.656        | 32.61                | PK-U | 41.1          | -18.7                  | 55.01                      | -                  | -           | 74                  | -18.99         | -                            | -              | 125            | 197         | H        |
|        | * 15.659        | 18.32                | ADR  | 41.1          | -18.6                  | 40.82                      | 54                 | -13.18      | -                   | -              | -                            | -              | 125            | 197         | H        |
| 4      | * 7.31          | 35.61                | PK-U | 35.9          | -24.5                  | 47.01                      | -                  | -           | 74                  | -26.99         | -                            | -              | 135            | 226         | H        |
|        | * 7.31          | 23.03                | ADR  | 35.9          | -24.6                  | 34.33                      | 54                 | -19.67      | -                   | -              | -                            | -              | 135            | 226         | H        |
| 2      | * 12.602        | 32.47                | PK-U | 39.2          | -20.3                  | 51.37                      | -                  | -           | 74                  | -22.63         | -                            | -              | 119            | 148         | V        |
|        | * 12.604        | 19.35                | ADR  | 39.2          | -20.3                  | 38.25                      | 54                 | -15.75      | -                   | -              | -                            | -              | 119            | 148         | V        |
| 6      | 16.677          | 32.19                | PK-U | 44.1          | -17.5                  | 58.79                      | -                  | -           | -                   | -              | 68.2                         | -9.41          | 96             | 165         | H        |
| 3      | 16.692          | 32.01                | PK-U | 44.3          | -17.5                  | 58.81                      | -                  | -           | -                   | -              | 68.2                         | -9.39          | 57             | 108         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

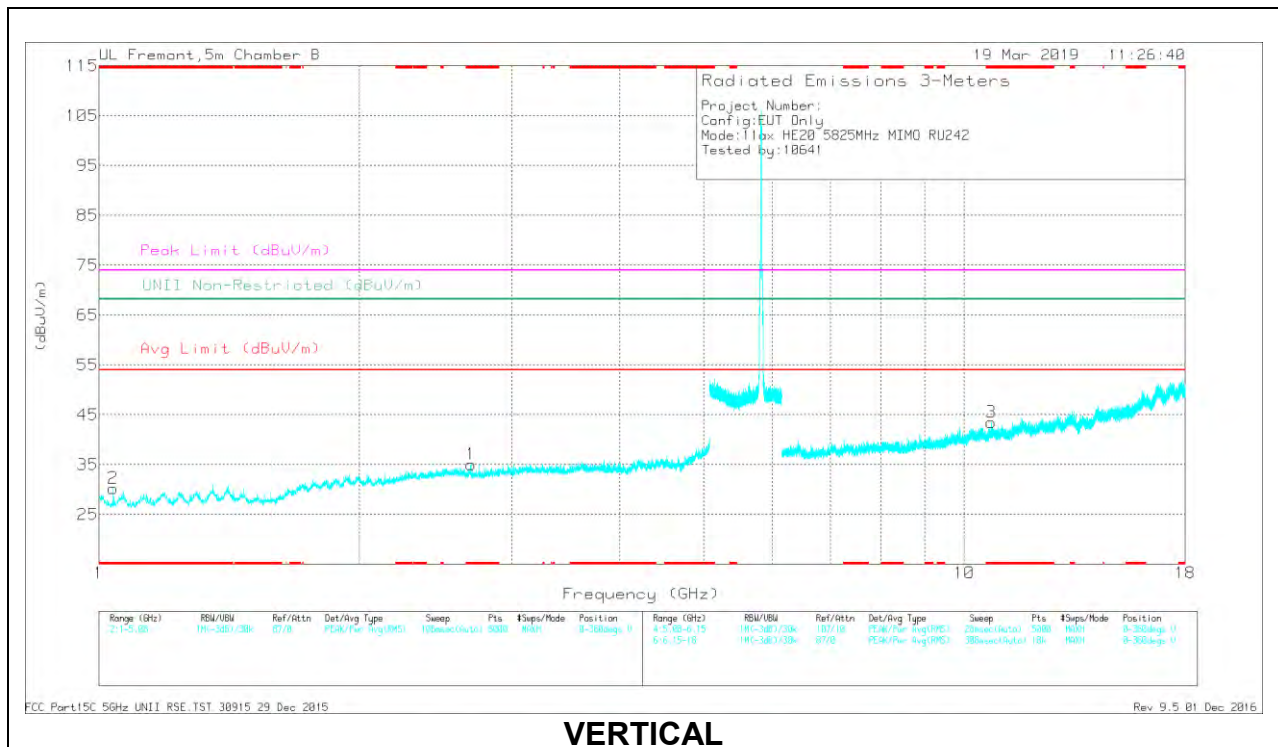
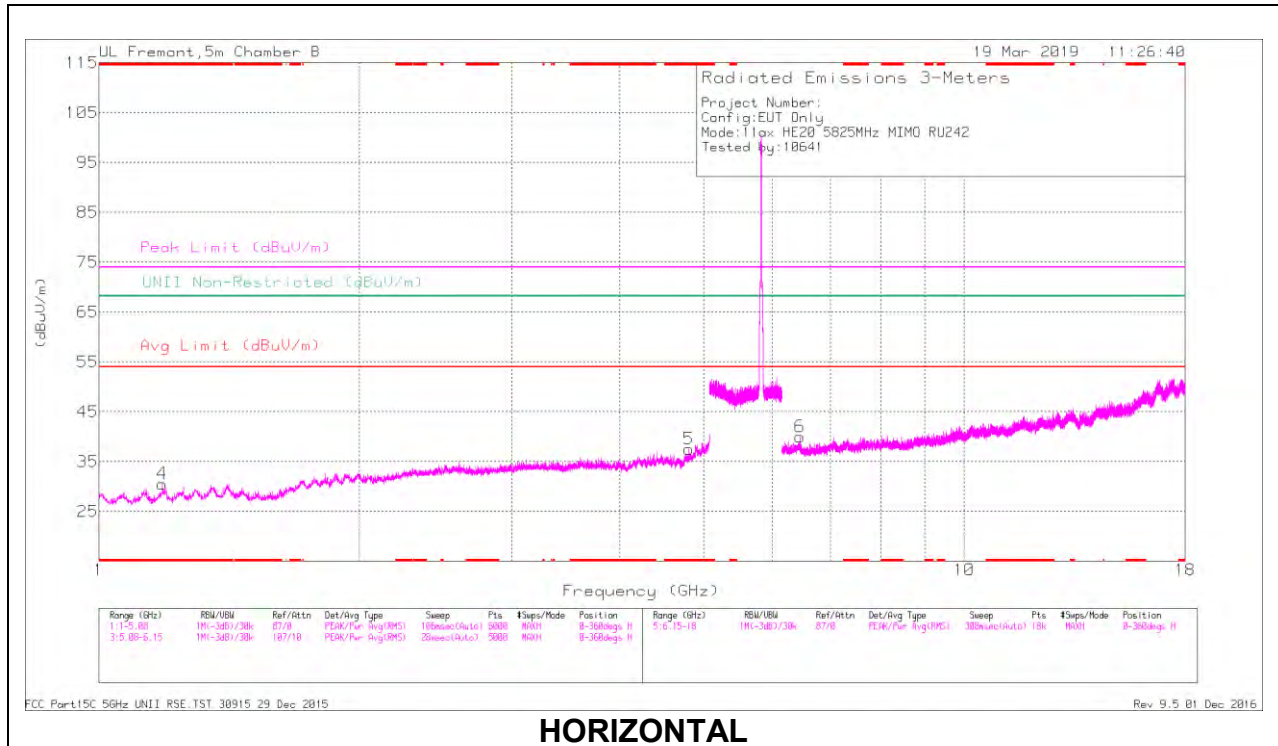
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.403         | 41.82                | PK-U | 28.5          | -32.2                  | 38.12                      | -                  | -           | 74                  | -35.88         | -                            | -              | 47             | 127         | H        |
|        | * 1.405         | 29.95                | ADR  | 28.5          | -32.2                  | 26.25                      | 54                 | -27.75      | -                   | -              | -                            | -              | 47             | 127         | H        |
| 4      | * 4.615         | 38.67                | PK-U | 34.1          | -28.3                  | 44.47                      | -                  | -           | 74                  | -29.53         | -                            | -              | 60             | 221         | V        |
|        | * 4.614         | 26.69                | ADR  | 34.1          | -28.4                  | 32.39                      | 54                 | -21.61      | -                   | -              | -                            | -              | 60             | 221         | V        |
| 3      | * 13.364        | 32.63                | PK-U | 40.4          | -20.9                  | 52.13                      | -                  | -           | 74                  | -21.87         | -                            | -              | 143            | 305         | H        |
|        | * 13.364        | 19.83                | ADR  | 40.4          | -20.9                  | 39.33                      | 54                 | -14.67      | -                   | -              | -                            | -              | 143            | 305         | H        |
| 5      | * 7.335         | 35.12                | PK-U | 36            | -24.3                  | 46.82                      | -                  | -           | 74                  | -27.18         | -                            | -              | 186            | 277         | V        |
|        | * 7.335         | 23.01                | ADR  | 36            | -24.3                  | 34.71                      | 54                 | -19.29      | -                   | -              | -                            | -              | 186            | 277         | V        |
| 6      | * 15.558        | 32.71                | PK-U | 40.6          | -18.9                  | 54.41                      | -                  | -           | 74                  | -19.59         | -                            | -              | 224            | 310         | V        |
|        | * 15.556        | 19.13                | ADR  | 40.6          | -19                    | 40.73                      | 54                 | -13.27      | -                   | -              | -                            | -              | 224            | 310         | V        |
| 2      | 8.806           | 35.24                | PK-U | 36.6          | -23.8                  | 48.04                      | -                  | -           | -                   | -              | 68.2                         | -20.16         | 103            | 285         | 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

## HIGH CHANNEL RESULTS



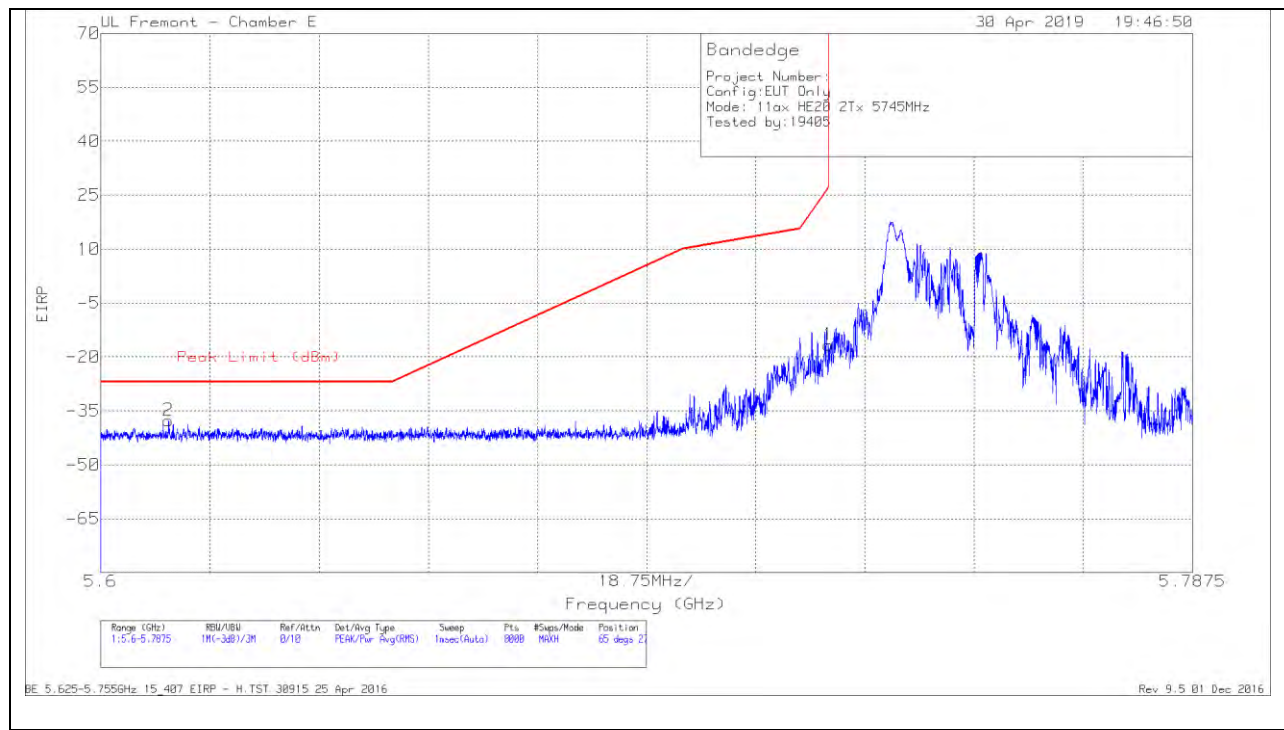
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 4      | * 1.185         | 42.36                | PK-U | 28.1          | -33.2                  | 37.26                      | -                  | -           | 74                  | -36.74         | -                            | -              | 33             | 114         | H        |
|        | * 1.184         | 30.52                | ADR  | 28.1          | -33.2                  | 25.42                      | 54                 | -28.58      | -                   | -              | -                            | -              | 33             | 114         | H        |
| 5      | * 4.807         | 37.71                | PK-U | 34.1          | -28.2                  | 43.61                      | -                  | -           | 74                  | -30.39         | -                            | -              | 63             | 125         | H        |
|        | * 4.808         | 25.8                 | ADR  | 34.1          | -28.2                  | 31.7                       | 54                 | -22.3       | -                   | -              | -                            | -              | 63             | 125         | H        |
| 1      | * 2.691         | 40.32                | PK-U | 32.3          | -30.7                  | 41.92                      | -                  | -           | 74                  | -32.08         | -                            | -              | 75             | 168         | V        |
|        | * 2.691         | 28.07                | ADR  | 32.3          | -30.7                  | 29.67                      | 54                 | -24.33      | -                   | -              | -                            | -              | 75             | 168         | V        |
| 2      | * 1.039         | 41.36                | PK-U | 27.5          | -33.7                  | 35.16                      | -                  | -           | 74                  | -38.84         | -                            | -              | 94             | 138         | V        |
|        | * 1.04          | 29.62                | ADR  | 27.5          | -33.7                  | 23.42                      | 54                 | -30.58      | -                   | -              | -                            | -              | 94             | 138         | V        |
| 3      | * 10.744        | 33.66                | PK-U | 37.9          | -21                    | 50.56                      | -                  | -           | 74                  | -23.44         | -                            | -              | 57             | 194         | V        |
|        | * 10.746        | 20.22                | ADR  | 37.9          | -20.9                  | 37.22                      | 54                 | -16.78      | -                   | -              | -                            | -              | 57             | 194         | V        |
| 6      | 6.452           | 36.44                | PK-U | 35.7          | -25.4                  | 46.74                      | -                  | -           | -                   | -              | 68.2                         | -21.46         | 70             | 128         | 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

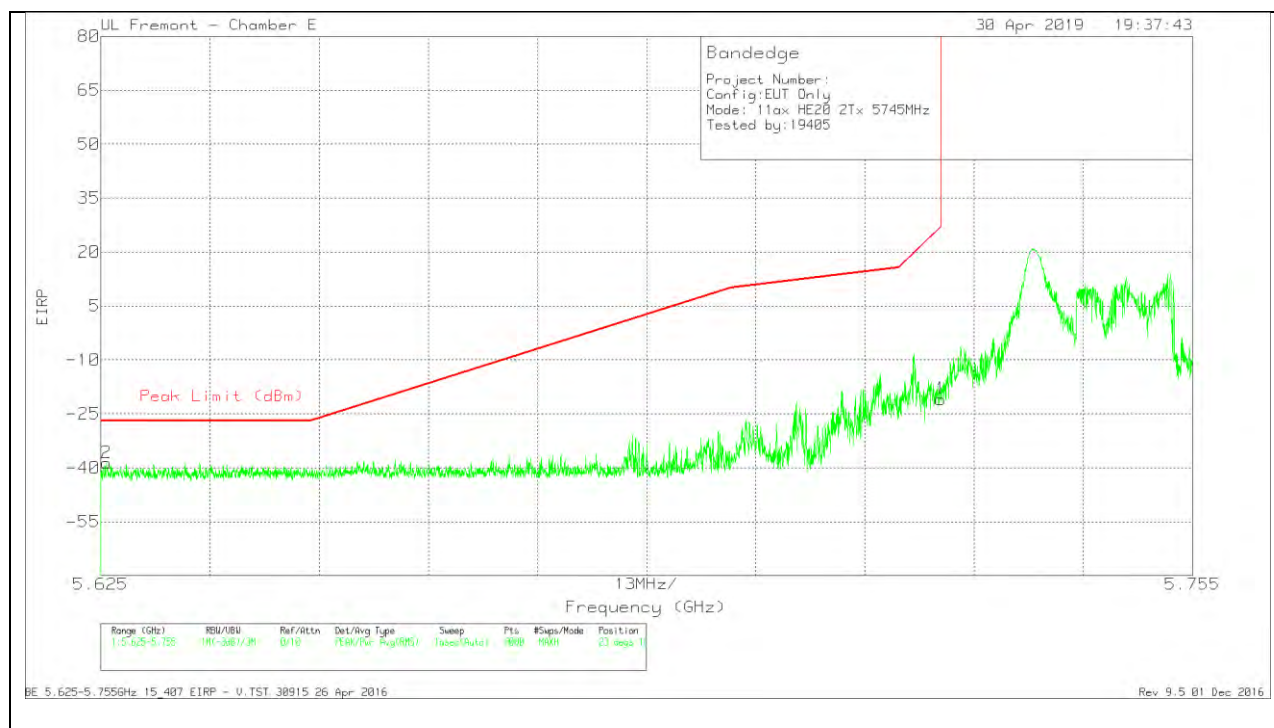
**2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.612           | -62.89              | Pk  | 34.8           | -21.4                  | 11.8                   | -37.69                 | -27              | -10.69         | 65             | 270         | H        |
| 1      | 5.725           | -42.32              | Pk  | 34.8           | -20.9                  | 11.8                   | -16.62                 | 26.96            | -43.58         | 65             | 270         | H        |

Pk - Peak detector

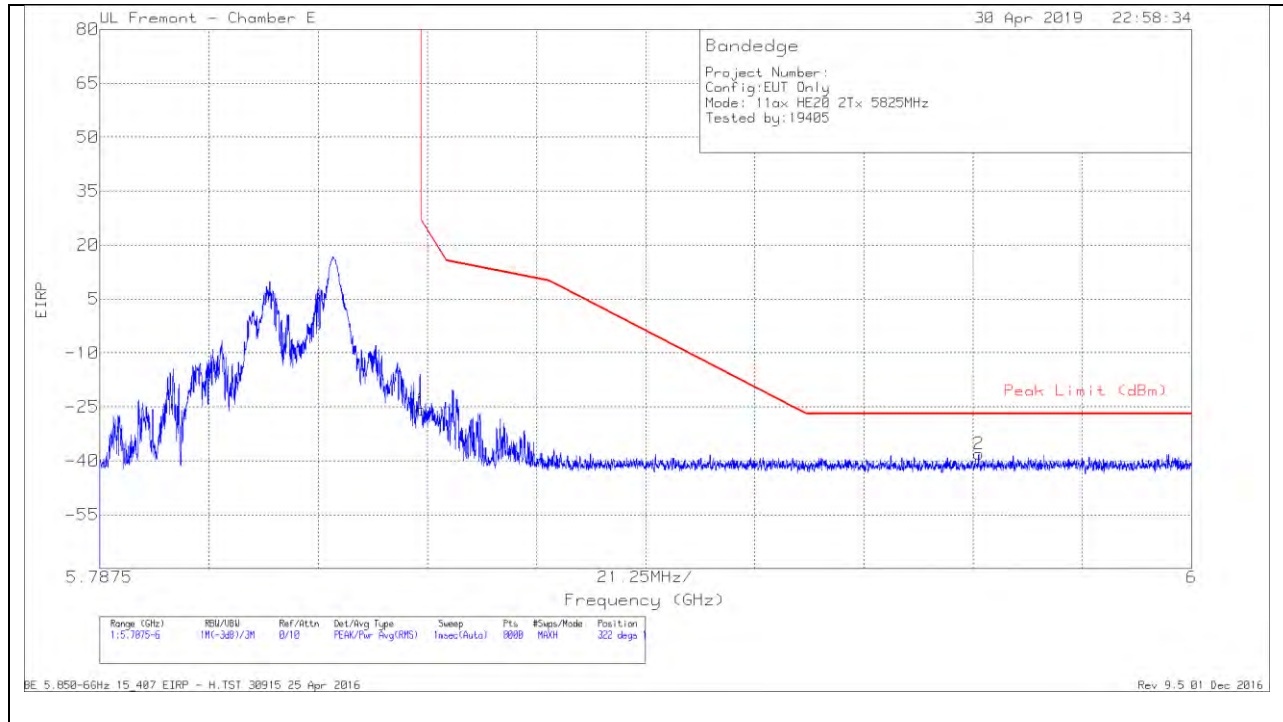


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.626           | -63.79              | Pk  | 34.8           | -21.4                  | 11.8                   | -38.59                 | -27              | -11.59         | 23             | 181         | V        |
| 1      | 5.725           | -46.63              | Pk  | 34.8           | -20.9                  | 11.8                   | -20.93                 | 27               | -47.93         | 23             | 181         | V        |

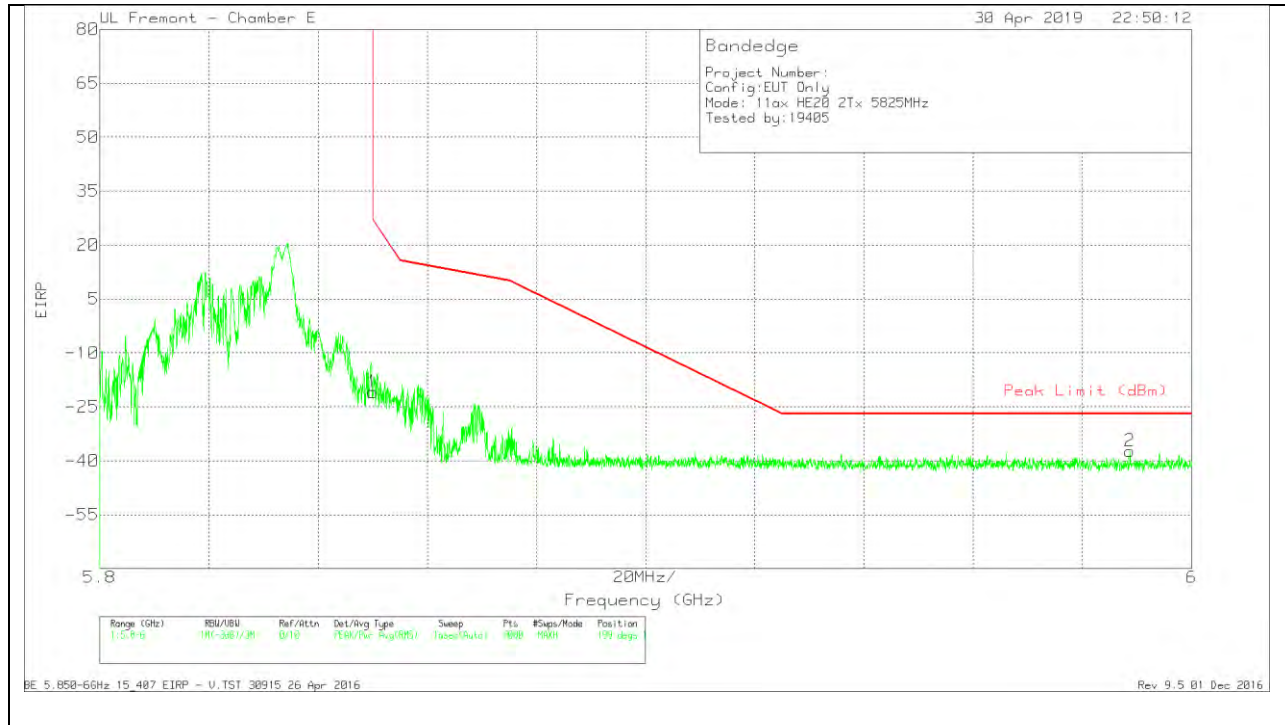
Pk - Peak detector

**2TX Antenna 4 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8****BANEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.85            | -52                 | Pk  | 34.9           | -20.5                  | 11.8                   | -25.8                  | 26.98            | -52.78         | 322            | 177         | H        |
| 2      | 5.959           | -64.36              | Pk  | 35.1           | -20.6                  | 11.8                   | -38.06                 | -27              | -11.06         | 322            | 177         | H        |

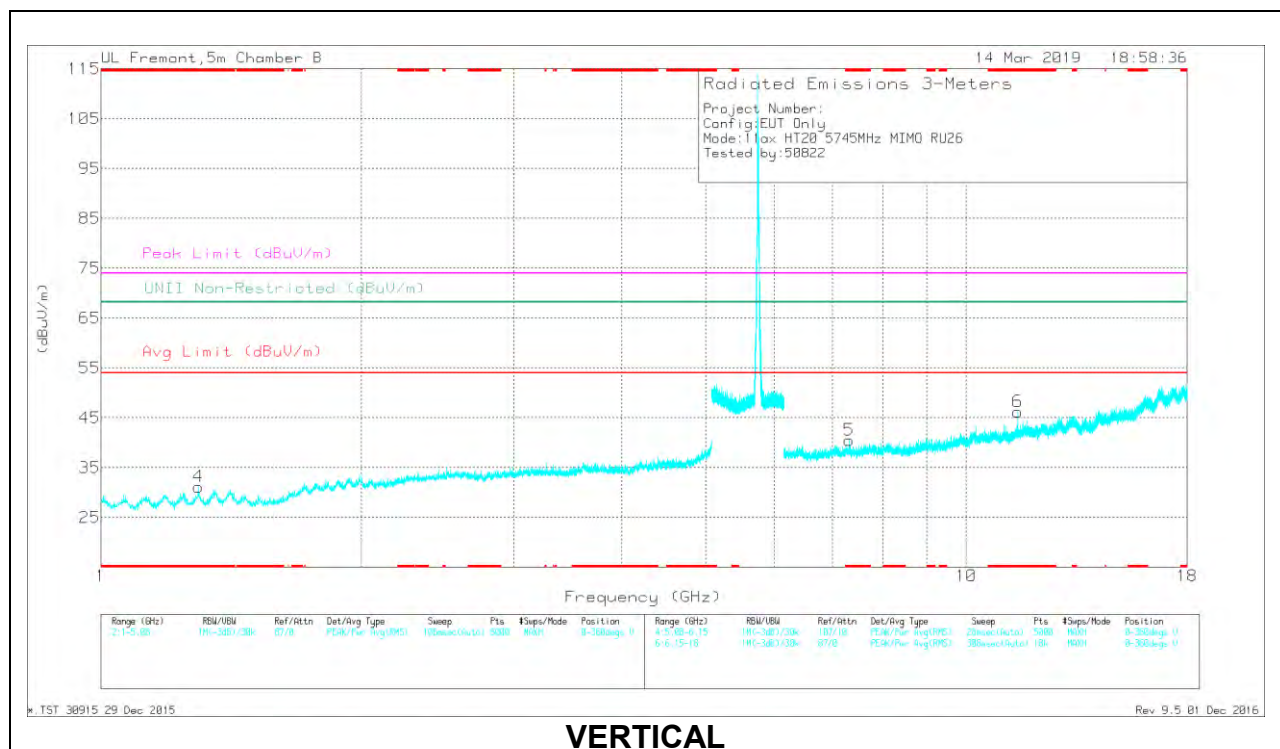
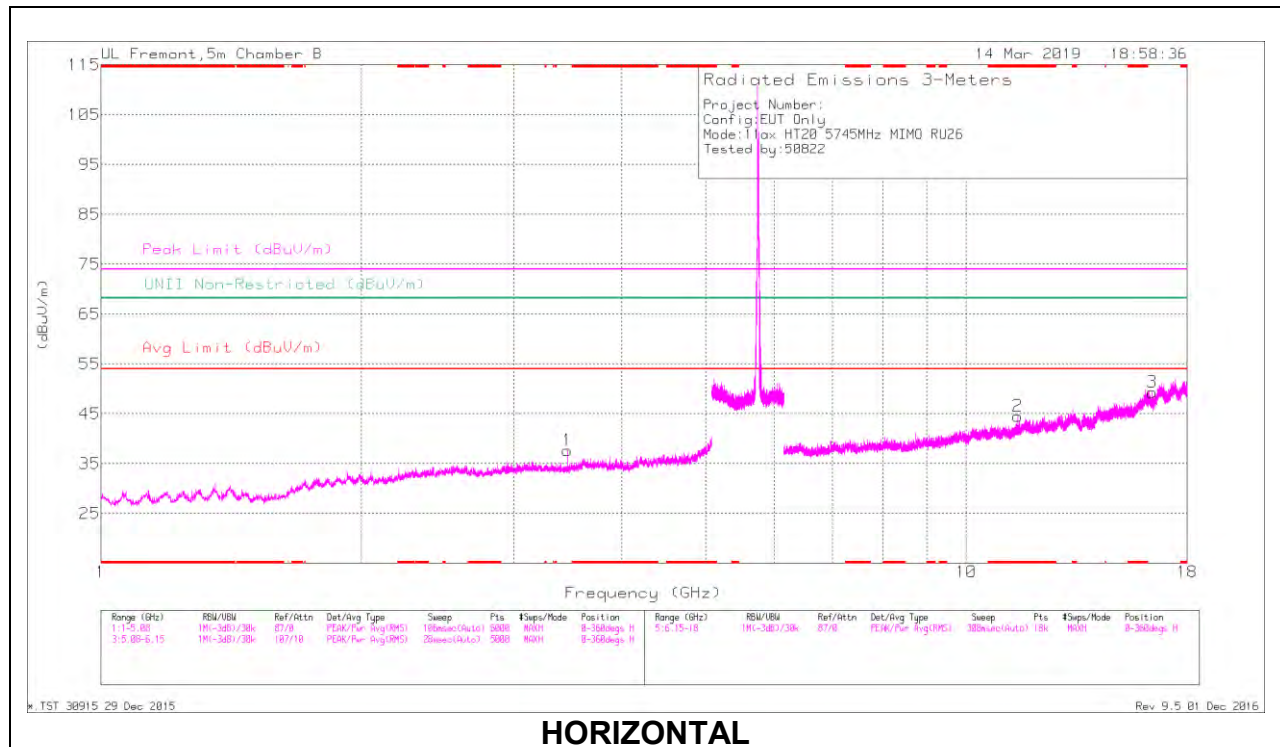
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -47.1               | Pk  | 34.9           | -20.5                  | 11.8                   | -20.9                  | 26.99            | -47.89         | 199            | 131         | V        |
| 2      | 5.989           | -63.6               | Pk  | 35             | -20.5                  | 11.8                   | -37.3                  | -27              | -10.3          | 199            | 131         | V        |

Pk - Peak detector

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

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|-------------|------------------------------|-------------|----------------|-------------|----------|
| 4      | * 1.297         | 42.37                | PK-U | 28.4          | -33.2                 | 37.57                      | -                  | -           | 74                  | -36.43      | -                            | -           | 238            | 289         | V        |
|        | * 1.296         | 30.14                | ADR  | 28.4          | -33.3                 | 25.24                      | 54                 | -28.76      | -                   | -           | -                            | -           | 238            | 289         | V        |
| 2      | * 11.472        | 35.41                | PK-U | 38.4          | -21                   | 52.81                      | -                  | -           | 74                  | -21.19      | -                            | -           | 38             | 121         | H        |
|        | * 11.473        | 23.2                 | ADR  | 38.4          | -21                   | 40.6                       | 54                 | -13.4       | -                   | -           | -                            | -           | 38             | 121         | H        |
| 5      | * 7.325         | 35.62                | PK-U | 36            | -24.2                 | 47.42                      | -                  | -           | 74                  | -26.58      | -                            | -           | 327            | 277         | V        |
|        | * 7.323         | 22.48                | ADR  | 35.9          | -24.2                 | 34.18                      | 54                 | -19.82      | -                   | -           | -                            | -           | 327            | 277         | V        |
| 6      | * 11.474        | 35.47                | PK-U | 38.4          | -21                   | 52.87                      | -                  | -           | 74                  | -21.13      | -                            | -           | 139            | 127         | V        |
|        | * 11.473        | 23.86                | ADR  | 38.4          | -21                   | 41.26                      | 54                 | -12.74      | -                   | -           | -                            | -           | 139            | 127         | V        |
| 1      | 3.46            | 39.73                | PK-U | 32.9          | -30.1                 | 42.53                      | -                  | -           | -                   | -           | 68.2                         | -25.67      | 239            | 281         | H        |
| 3      | 16.389          | 32.08                | PK-U | 42.7          | -18.8                 | 55.98                      | -                  | -           | -                   | -           | 68.2                         | -12.22      | 53             | 301         | H        |

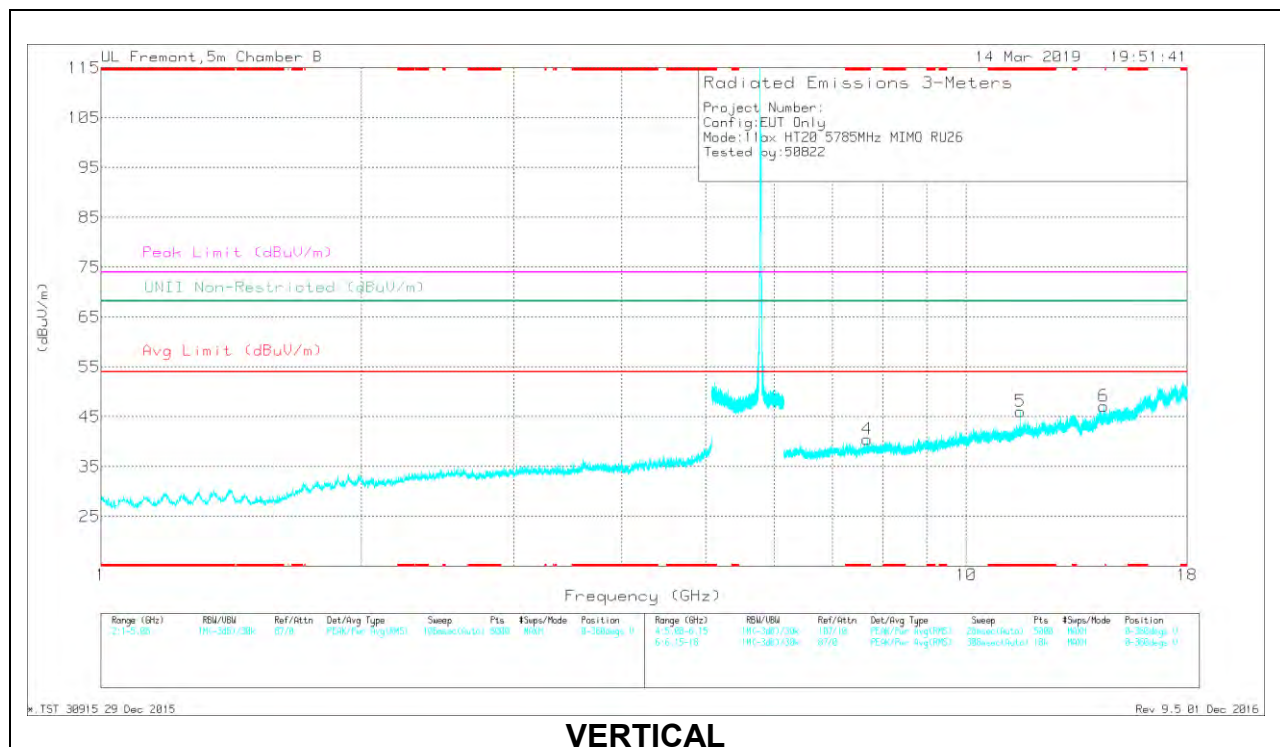
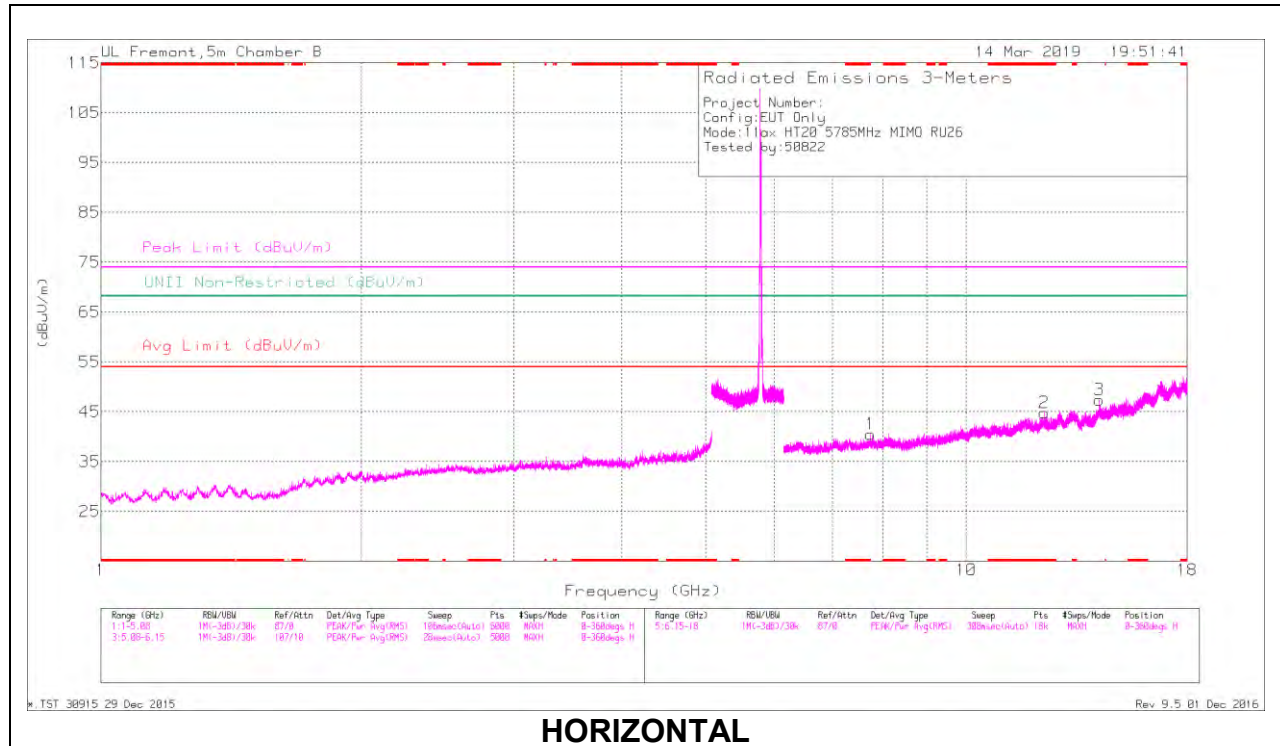
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



## MID CHANNEL RESULTS





## RADIATED EMISSIONS

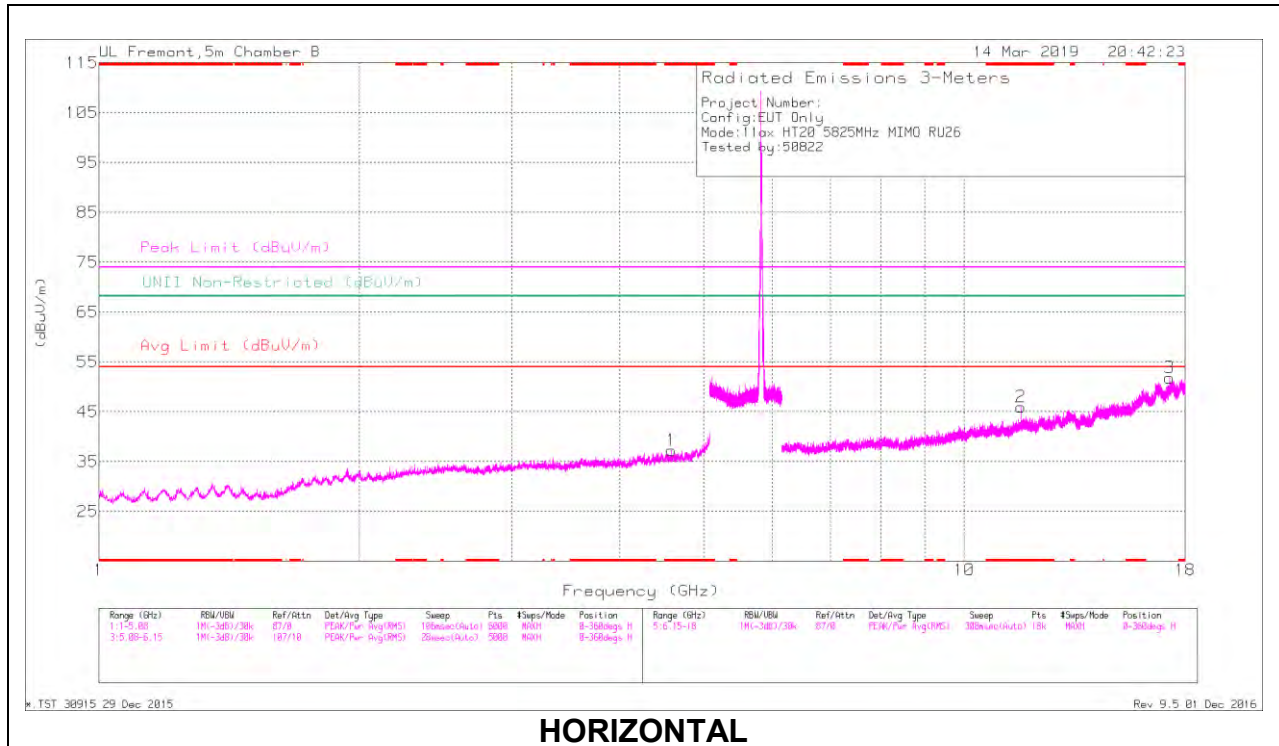
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|-------------|------------------------------|-------------|----------------|-------------|----------|
| 2      | * 7.425         | 36.51                | PK-U | 36.2          | -26.3                | 46.41                      | -                  | -           | 74                  | -27.59      | -                            | -           | 199            | 274         | H        |
|        | * 7.435         | 23.79                | ADR  | 36.1          | -26.4                | 33.49                      | 54                 | -20.51      | -                   | -           | -                            | -           | 199            | 274         | H        |
| 4      | * 12.3          | 32.89                | PK-U | 39.1          | -20                  | 51.99                      | -                  | -           | 74                  | -22.01      | -                            | -           | 39             | 263         | H        |
|        | * 12.302        | 18.99                | ADR  | 39.1          | -20.1                | 37.99                      | 54                 | -16.01      | -                   | -           | -                            | -           | 39             | 263         | H        |
| 5      | * 7.682         | 35.96                | PK-U | 36.4          | -26                  | 46.36                      | -                  | -           | 74                  | -27.64      | -                            | -           | 159            | 300         | V        |
|        | * 7.681         | 23.59                | ADR  | 36.4          | -26                  | 33.99                      | 54                 | -20.01      | -                   | -           | -                            | -           | 159            | 300         | V        |
| 1      | * 11.553        | 37.49                | PK-U | 38.5          | -21.2                | 54.79                      | -                  | -           | 74                  | -19.21      | -                            | -           | 273            | 121         | V        |
|        | * 11.553        | 24.57                | ADR  | 38.5          | -21.2                | 41.87                      | 54                 | -12.13      | -                   | -           | -                            | -           | 273            | 121         | V        |
| 3      | 14.238          | 34.4                 | PK-U | 40.2          | -19.8                | 54.8                       | -                  | -           | -                   | -           | 68.2                         | -13.4       | 36             | 259         | H        |
| 6      | 14.424          | 33.29                | PK-U | 40.1          | -19.6                | 53.79                      | -                  | -           | -                   | -           | 68.2                         | -14.41      | 233            | 286         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cb/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|-------------|------------------------------|-------------|----------------|-------------|----------|
| 1      | * 4.588         | 39.22                | PK-U | 34.1          | -29.1                | 44.22                      | -                  | -           | 74                  | -29.78      | -                            | -           | 88             | 117         | H        |
|        | * 4.589         | 26.63                | ADR  | 34.1          | -29.1                | 31.63                      | 54                 | -22.37      | -                   | -           | -                            | -           | 88             | 117         | H        |
| 2      | * 11.633        | 34                   | PK-U | 38.7          | -20.3                | 52.4                       | -                  | -           | 74                  | -21.6       | -                            | -           | 217            | 160         | H        |
|        | * 11.633        | 21.8                 | ADR  | 38.7          | -20.3                | 40.2                       | 54                 | -13.8       | -                   | -           | -                            | -           | 217            | 160         | H        |
| 5      | * 11.633        | 35.71                | PK-U | 38.7          | -20.3                | 54.11                      | -                  | -           | 74                  | -19.89      | -                            | -           | 267            | 123         | V        |
|        | * 11.633        | 24.51                | ADR  | 38.7          | -20.3                | 42.91                      | 54                 | -11.09      | -                   | -           | -                            | -           | 267            | 123         | V        |
| 4      | 2.08            | 40.87                | PK-U | 31.1          | -31.7                | 40.27                      | -                  | -           | -                   | -           | 68.2                         | -27.93      | 281            | 169         | V        |
| 6      | 14.819          | 32.72                | PK-U | 40.9          | -19.5                | 54.12                      | -                  | -           | -                   | -           | 68.2                         | -14.08      | 140            | 271         | V        |
| 3      | 17.269          | 31.64                | PK-U | 44.5          | -17.8                | 58.34                      | -                  | -           | -                   | -           | 68.2                         | -9.86       | 39             | 152         | H        |

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

PK-U - U-NII: Maximum Peak

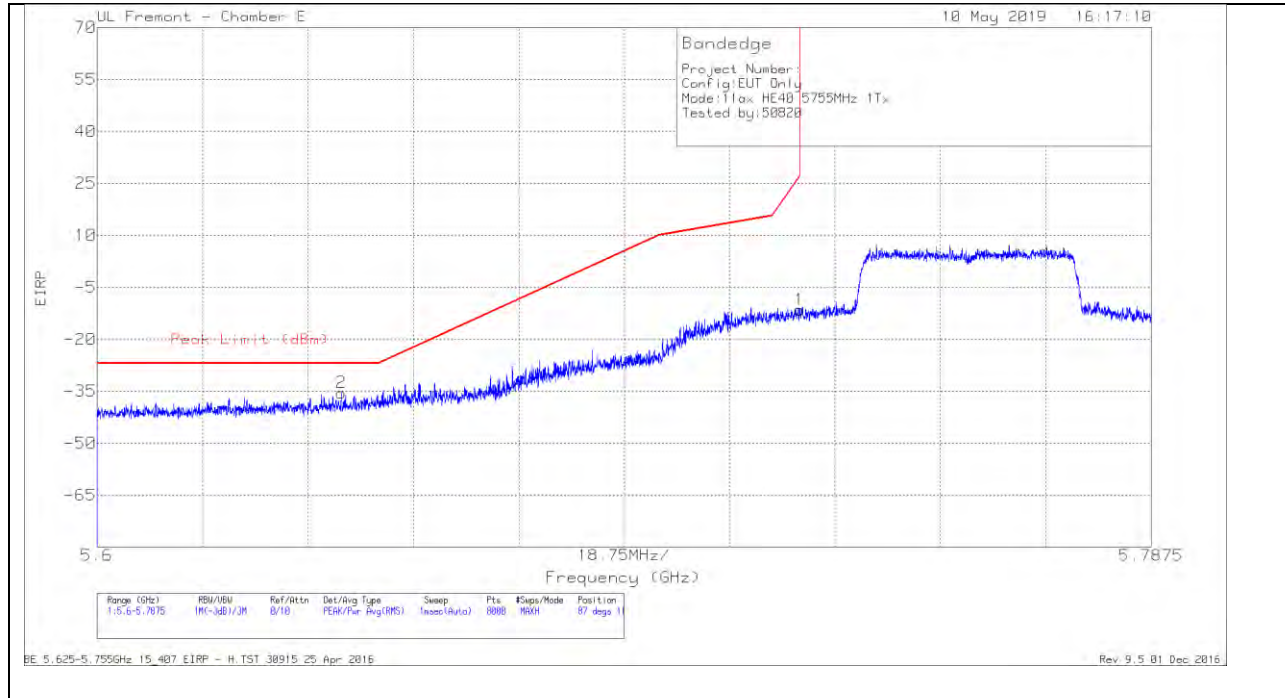
ADR - U-NII AD primary method, RMS average

# 1.1.23. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND

## 1TX Antenna 4 MODE – 484 Tones, RU Index 65

### BANDEDGE (LOW CHANNEL)

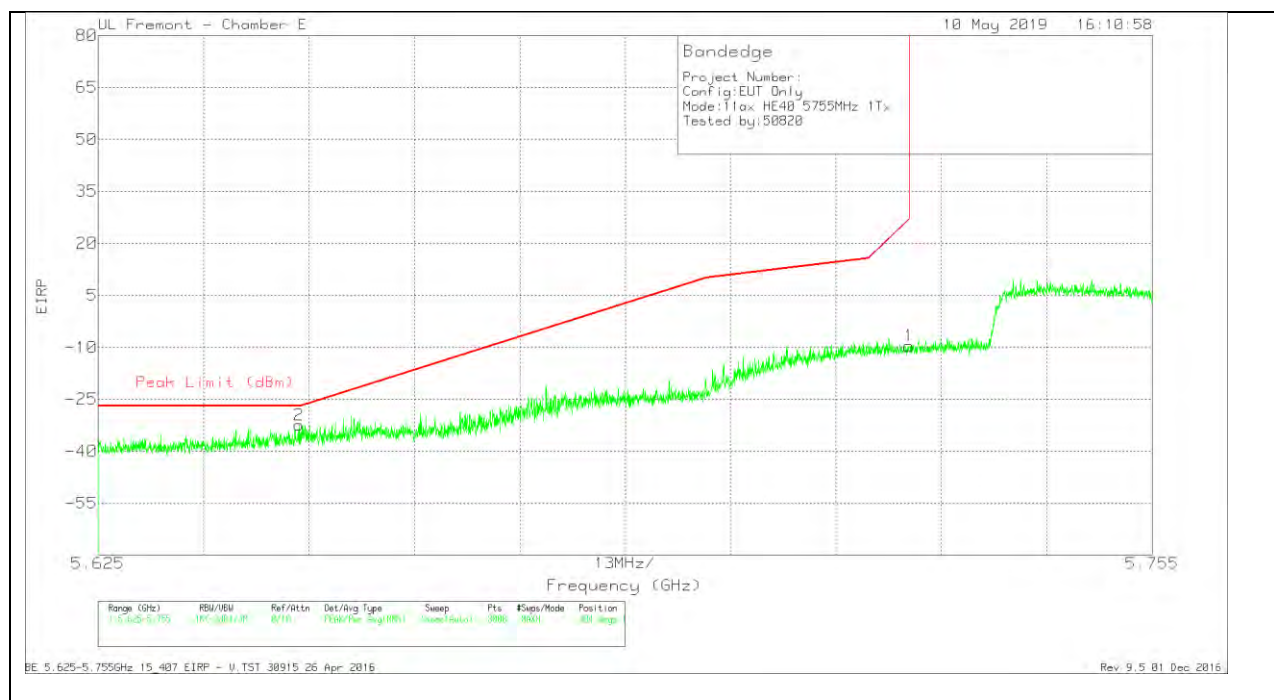
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.643           | -60.75              | Pk  | 34.9           | -21.4                   | 11.8                   | -35.45                 | -27              | -8.45          | 87             | 111         | H        |
| 1      | 5.725           | -37.19              | Pk  | 34.8           | -20.9                   | 11.8                   | -11.49                 | 26.96            | -38.45         | 87             | 111         | H        |

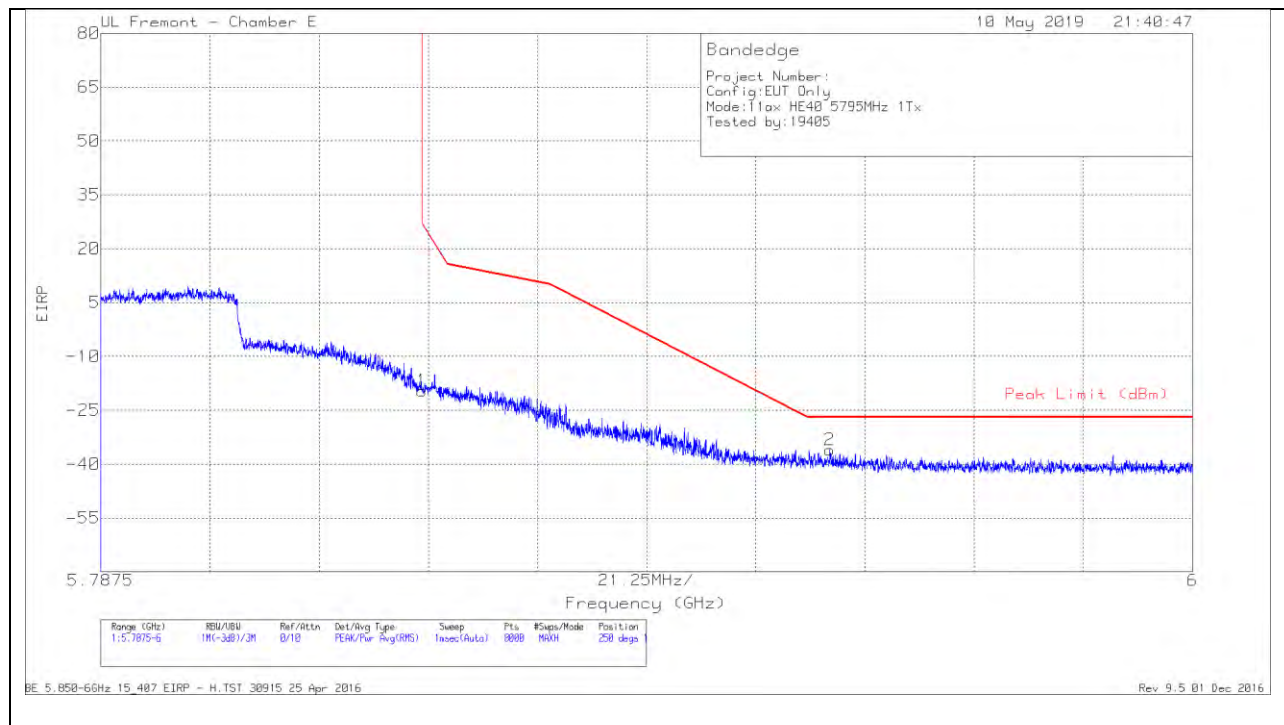
Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.65            | -57.73              | Pk  | 34.8           | -21.3                  | 11.8                   | -32.43                 | -27              | -5.43          | 304            | 100         | V        |
| 1      | 5.725           | -35.37              | Pk  | 34.8           | -20.9                  | 11.8                   | -9.67                  | 27               | -36.67         | 304            | 100         | V        |

Pk - Peak detector

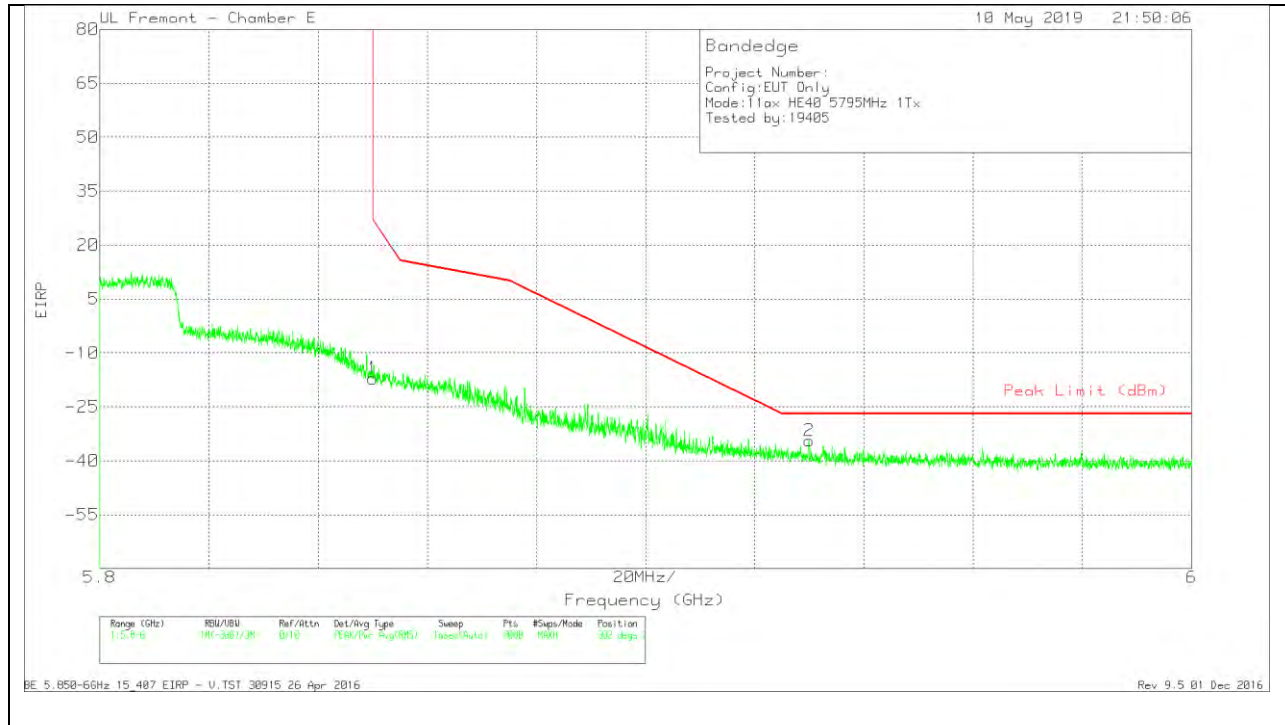
**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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      | 5.85            | -45.79              | Pk  | 34.9           | -20.5                  | 11.8                   | -19.59                 | 26.98            | -46.57         | 250            | 108         | H        |
| 2      | 5.929           | -62.3               | Pk  | 35.1           | -20.7                  | 11.8                   | -36.1                  | -27              | -9.1           | 250            | 108         | H        |

Pk - Peak detector

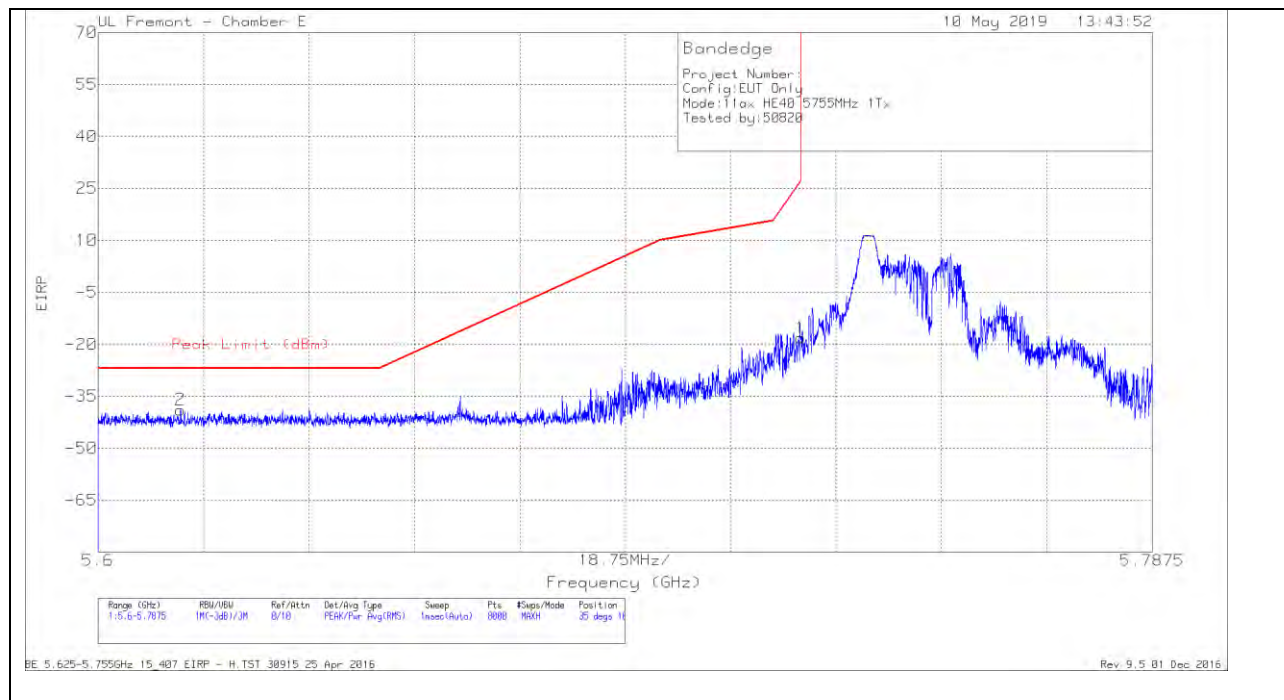


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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            | -43.3               | Pk  | 34.9           | -20.5                  | 11.8                   | -17.1                  | 26.99            | -44.09         | 302            | 242         | V        |
| 2      | 5.93            | -60.64              | Pk  | 35.1           | -20.7                  | 11.8                   | -34.44                 | -27              | -7.44          | 302            | 242         | V        |

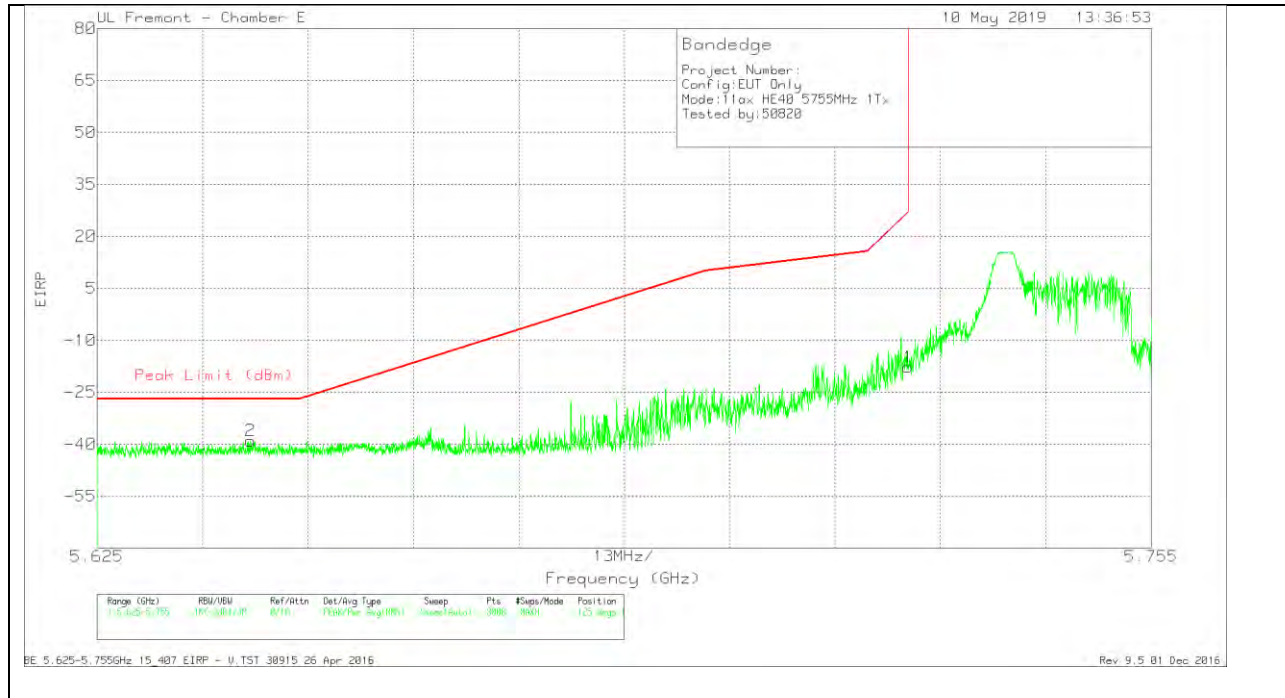
Pk - Peak detector

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

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.615           | -64.13              | Pk  | 34.8           | -21.4                  | 11.8                   | -38.93                 | -27              | -11.93         | 35             | 102         | H        |
| 1      | 5.725           | -43.86              | Pk  | 34.8           | -20.9                  | 11.8                   | -18.16                 | 26.96            | -45.12         | 35             | 102         | H        |

Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T119 (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 |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.644           | -64.21              | Pk  | 34.8           | -21.4                  | 11.8                   | -39.01                 | -27              | -12.01         | 125            | 102         | V        |
| 1      | 5.725           | -43.49              | Pk  | 34.8           | -20.9                  | 11.8                   | -17.79                 | 27               | -44.79         | 125            | 102         | V        |

Pk - Peak detector