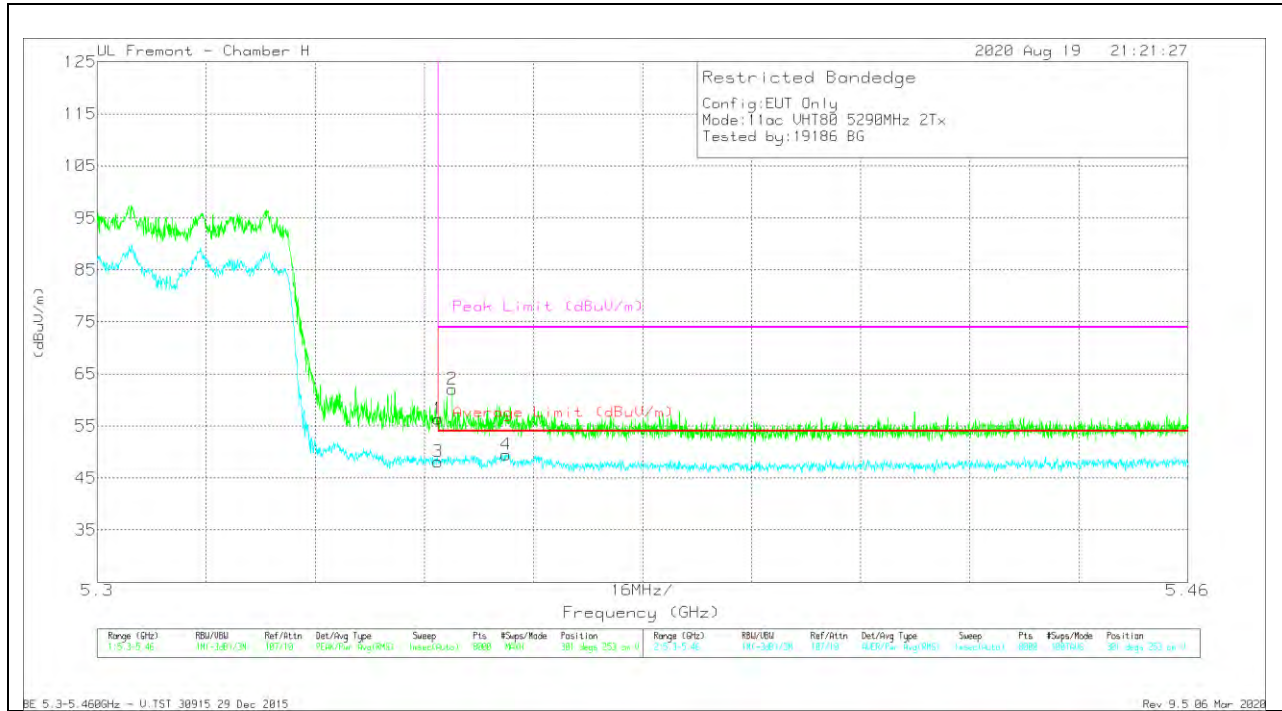


## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.35                | PK  | 34.9          | -20.9                | 0            | 56.35                      | -                      | -           | 74                  | -17.65         | 301            | 253         | V        |
| 2      | * 5.35209       | 48.22                | PK  | 34.9          | -21                  | 0            | 62.12                      | -                      | -           | 74                  | -11.88         | 301            | 253         | V        |
| 3      | * 5.35001       | 32.78                | RMS | 34.9          | -20.9                | 1.31         | 48.09                      | 54                     | -5.91       | -                   | -              | 301            | 253         | V        |
| 4      | * 5.35997       | 34.24                | RMS | 34.9          | -20.9                | 1.31         | 49.55                      | 54                     | -4.45       | -                   | -              | 301            | 253         | V        |

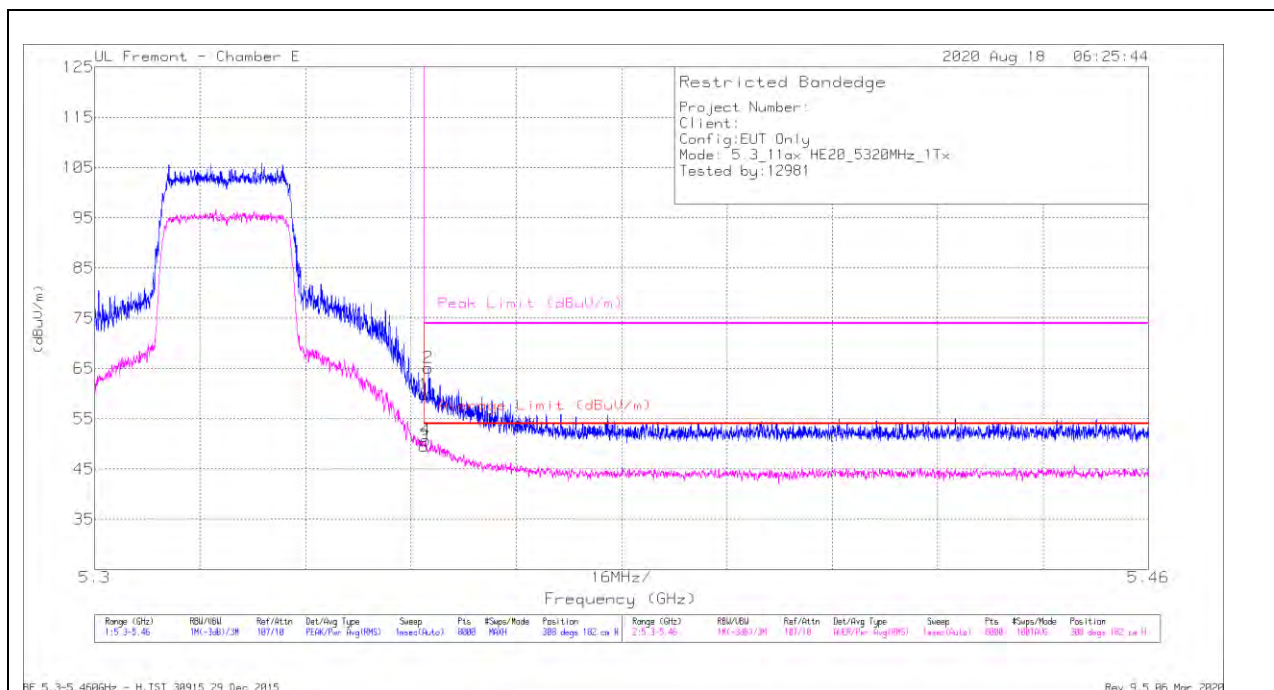
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## 1.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND

### 1TX ANT 5 – SU, RU Index 61

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT



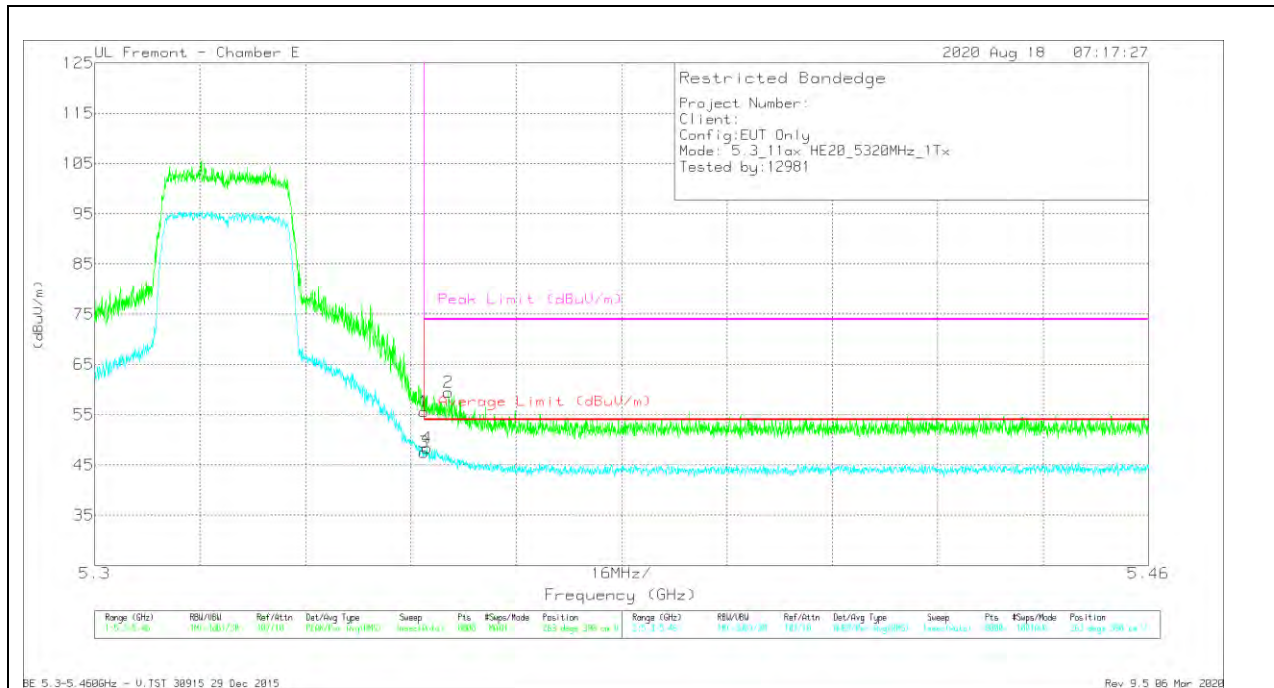
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 47.2                 | Pk  | 34.5           | -21.8                 | 59.9                       | -                      | -           | 74                  | -14.1          | 308            | 182         | H        |
| 2      | * 5.35067       | 52.45                | Pk  | 34.5           | -21.8                 | 65.15                      | -                      | -           | 74                  | -8.85          | 308            | 182         | H        |
| 3      | * 5.35001       | 36.87                | RMS | 34.5           | -21.8                 | 49.57                      | 54                     | -4.43       | -                   | -              | 308            | 182         | H        |
| 4      | * 5.35027       | 38.1                 | RMS | 34.5           | -21.8                 | 50.8                       | 54                     | -3.2        | -                   | -              | 308            | 182         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



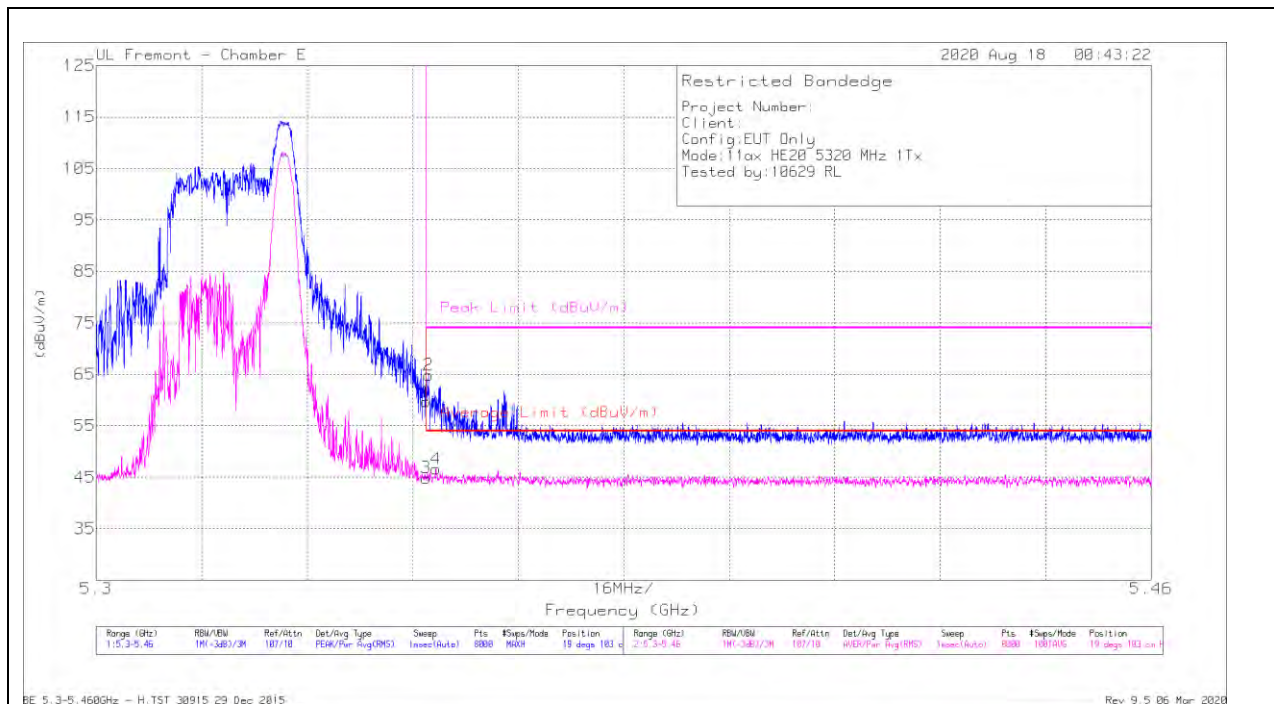
| Marker | Frequency (GHz) | Motor Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.87                | Pk  | 34.5           | -21.8                  | 55.57                      | -                      | -           | 74                  | -18.43         | 263            | 390         | V        |
| 2      | * 5.35373       | 46.71                | Pk  | 34.5           | -21.7                  | 59.51                      | -                      | -           | 74                  | -14.49         | 263            | 390         | V        |
| 3      | * 5.35001       | 34.78                | RMS | 34.5           | -21.8                  | 47.48                      | 54                     | -6.52       | -                   | -              | 263            | 390         | V        |
| 4      | * 5.35045       | 35.7                 | RMS | 34.5           | -21.8                  | 48.4                       | 54                     | -5.6        | -                   | -              | 263            | 390         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

**1TX ANT 5 – 26 Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



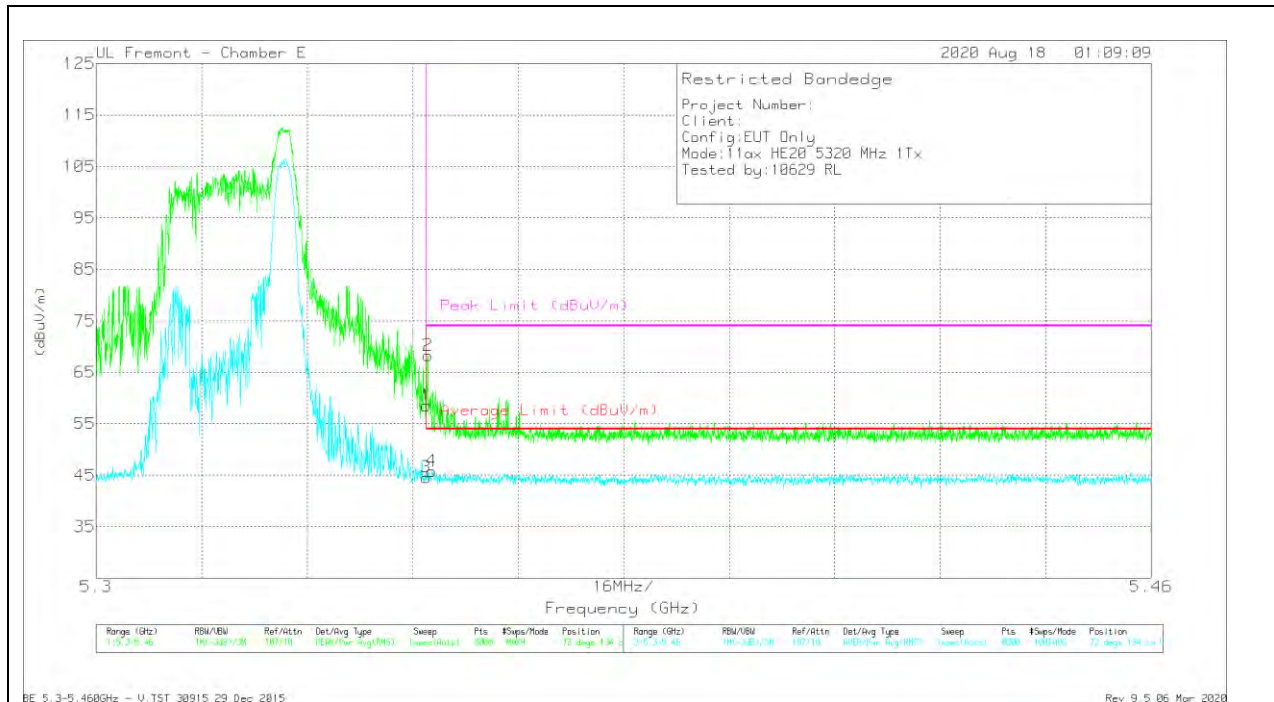
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 46.97                | Pk  | 34.5           | -21.8                  | 59.67                      | -                      | -           | 74                  | -14.33         | 19             | 103         | H        |
| 2      | * 5.35039       | 52.14                | Pk  | 34.5           | -21.8                  | 64.84                      | -                      | -           | 74                  | -9.16          | 19             | 103         | H        |
| 3      | * 5.35001       | 32.14                | RMS | 34.5           | -21.8                  | 44.84                      | 54                     | -9.16       | -                   | -              | 19             | 103         | H        |
| 4      | * 5.35153       | 33.82                | RMS | 34.5           | -21.7                  | 46.62                      | 54                     | -7.38       | -                   | -              | 19             | 103         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



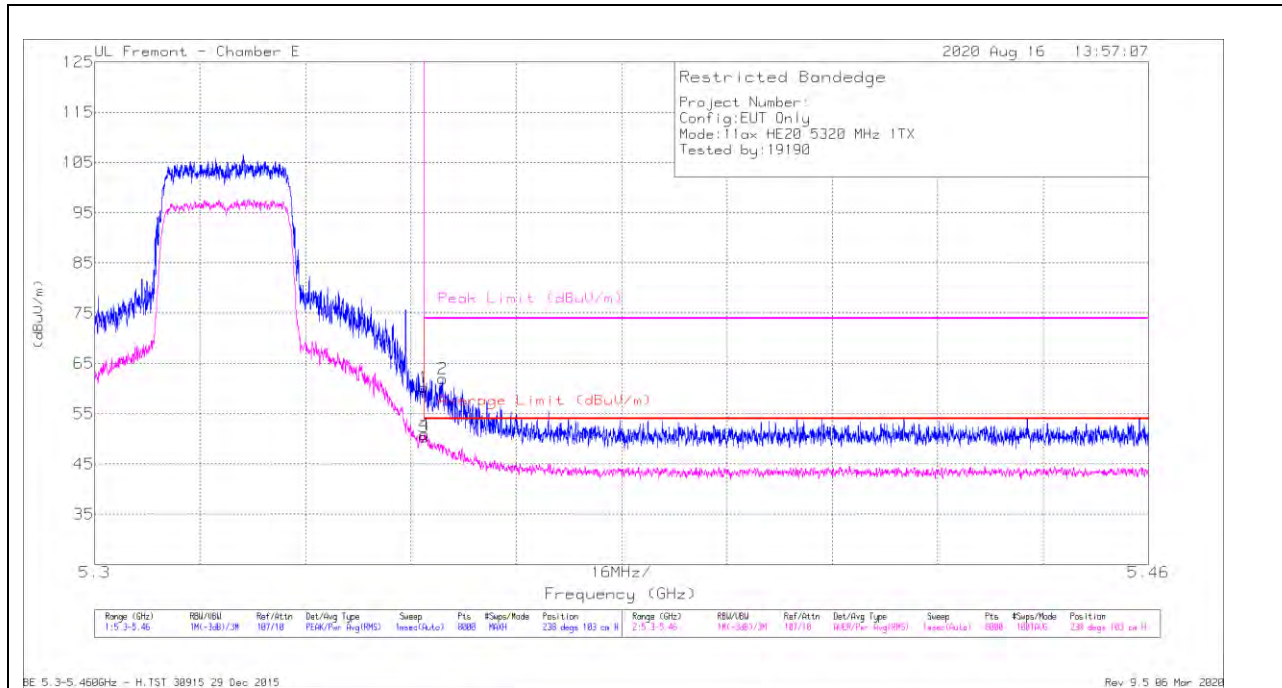
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 45.85                | Pk  | 34.5           | -21.8                  | 58.55                      | -                      | -           | 74                  | -15.45         | 72             | 134         | V        |
| 3      | * 5.35001       | 31.89                | RMS | 34.5           | -21.8                  | 44.59                      | 54                     | -9.41       | -                   | -              | 72             | 134         | V        |
| 2      | * 5.35027       | 55.6                 | Pk  | 34.5           | -21.8                  | 68.3                       | -                      | -           | 74                  | -5.7           | 72             | 134         | V        |
| 4      | * 5.35089       | 33.1                 | RMS | 34.5           | -21.8                  | 45.8                       | 54                     | -8.2        | -                   | -              | 72             | 134         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

**1TX ANT 6 – SU, RU Index 61**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



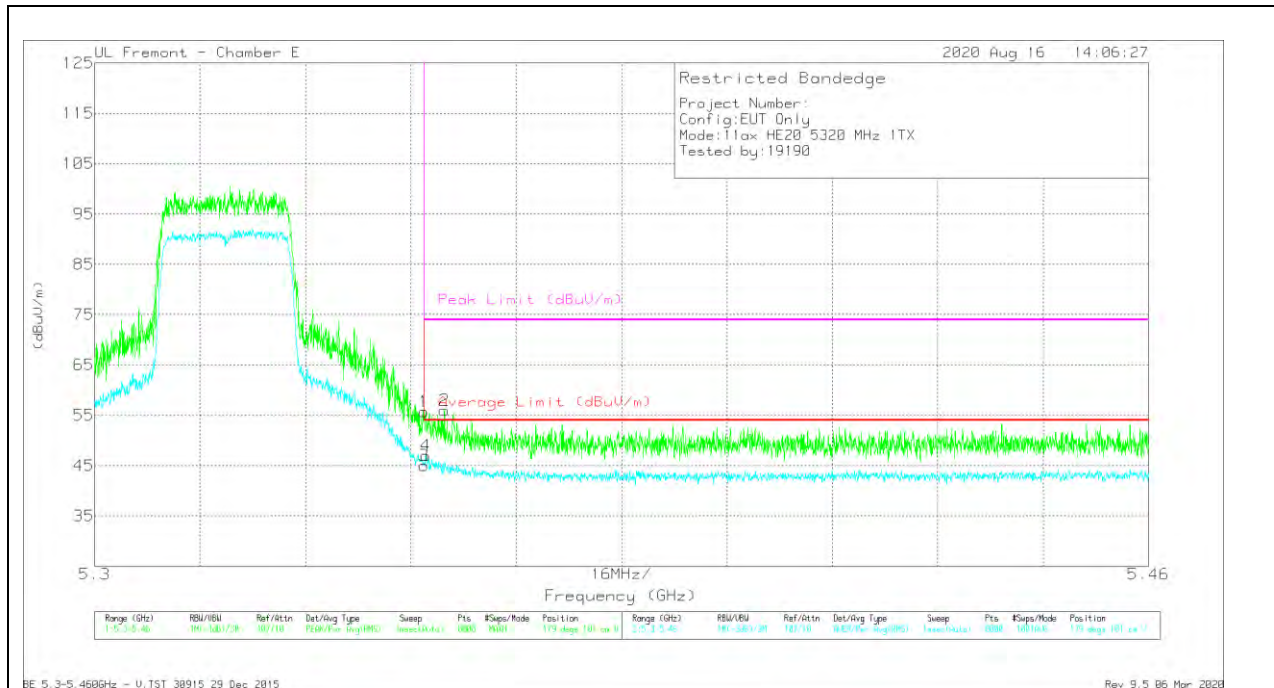
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 47.51                | Pk  | 34.5           | -21.8                  | 60.21                      | -                      | -           | 74                  | -13.79         | 238            | 103         | H        |
| 2      | * 5.35283       | 49.13                | Pk  | 34.5           | -21.7                  | 61.93                      | -                      | -           | 74                  | -12.07         | 238            | 103         | H        |
| 3      | * 5.35001       | 37.69                | RMS | 34.5           | -21.8                  | 50.39                      | 54                     | -3.61       | -                   | -              | 238            | 103         | H        |
| 4      | * 5.35005       | 38.13                | RMS | 34.5           | -21.8                  | 50.83                      | 54                     | -3.17       | -                   | -              | 238            | 103         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 43.03                | Pk  | 34.5           | -21.8                  | 55.73                      | -                      | -           | 74                  | -18.27         | 179            | 101         | V        |
| 3      | * 5.35001       | 32.35                | RMS | 34.5           | -21.8                  | 45.05                      | 54                     | -8.95       | -                   | -              | 179            | 101         | V        |
| 4      | * 5.35025       | 34.3                 | RMS | 34.5           | -21.8                  | 47                         | 54                     | -7          | -                   | -              | 179            | 101         | V        |
| 2      | * 5.35309       | 43.22                | Pk  | 34.5           | -21.7                  | 56.02                      | -                      | -           | 74                  | -17.98         | 179            | 101         | V        |

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

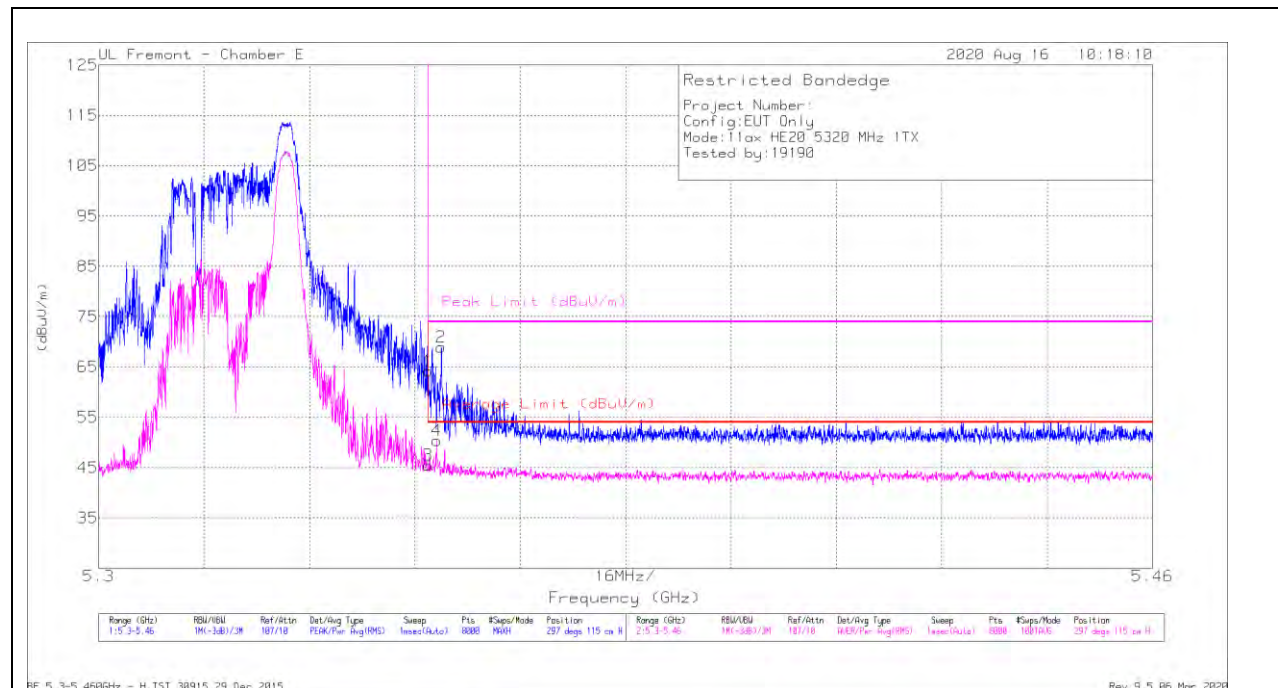
Pk - Peak detector

RMS - RMS detection

**1TX ANT 6 – 26 Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

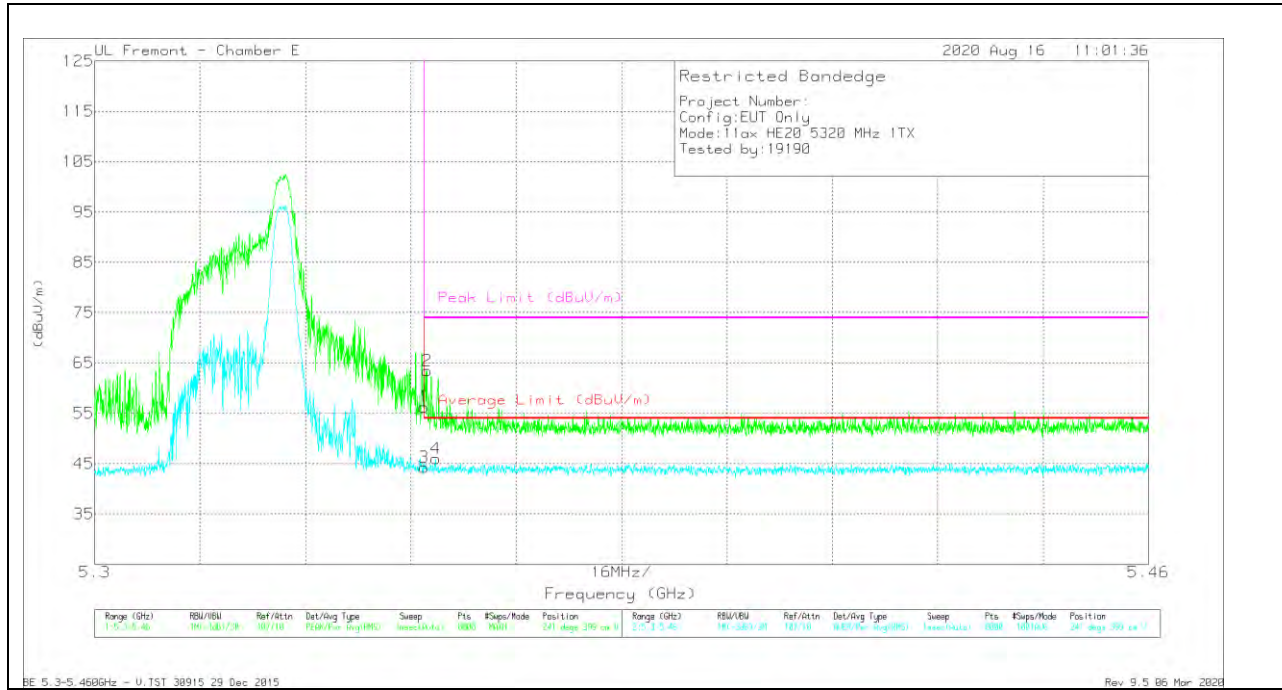
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 51.48                | Pk  | 34.5           | -21.8                  | 64.18                      | -                      | -           | 74                  | -9.82          | 297            | 115         | H        |
| 3      | * 5.35001       | 32.78                | RMS | 34.5           | -21.8                  | 45.48                      | 54                     | -8.52       | -                   | -              | 297            | 115         | H        |
| 4      | * 5.35131       | 37.67                | RMS | 34.5           | -21.8                  | 50.37                      | 54                     | -3.63       | -                   | -              | 297            | 115         | H        |
| 2      | * 5.35203       | 56.13                | Pk  | 34.5           | -21.7                  | 68.93                      | -                      | -           | 74                  | -5.07          | 297            | 115         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 43.6                 | Pk  | 34.5           | -21.8                  | 56.3                       | -                      | -           | 74                  | -17.7          | 241            | 399         | V        |
| 2      | * 5.35043       | 50.74                | Pk  | 34.5           | -21.8                  | 63.44                      | -                      | -           | 74                  | -10.56         | 241            | 399         | V        |
| 3      | * 5.35001       | 31.55                | RMS | 34.5           | -21.8                  | 44.25                      | 54                     | -9.75       | -                   | -              | 241            | 399         | V        |
| 4      | * 5.35177       | 33.18                | RMS | 34.5           | -21.7                  | 45.98                      | 54                     | -8.02       | -                   | -              | 241            | 399         | V        |

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

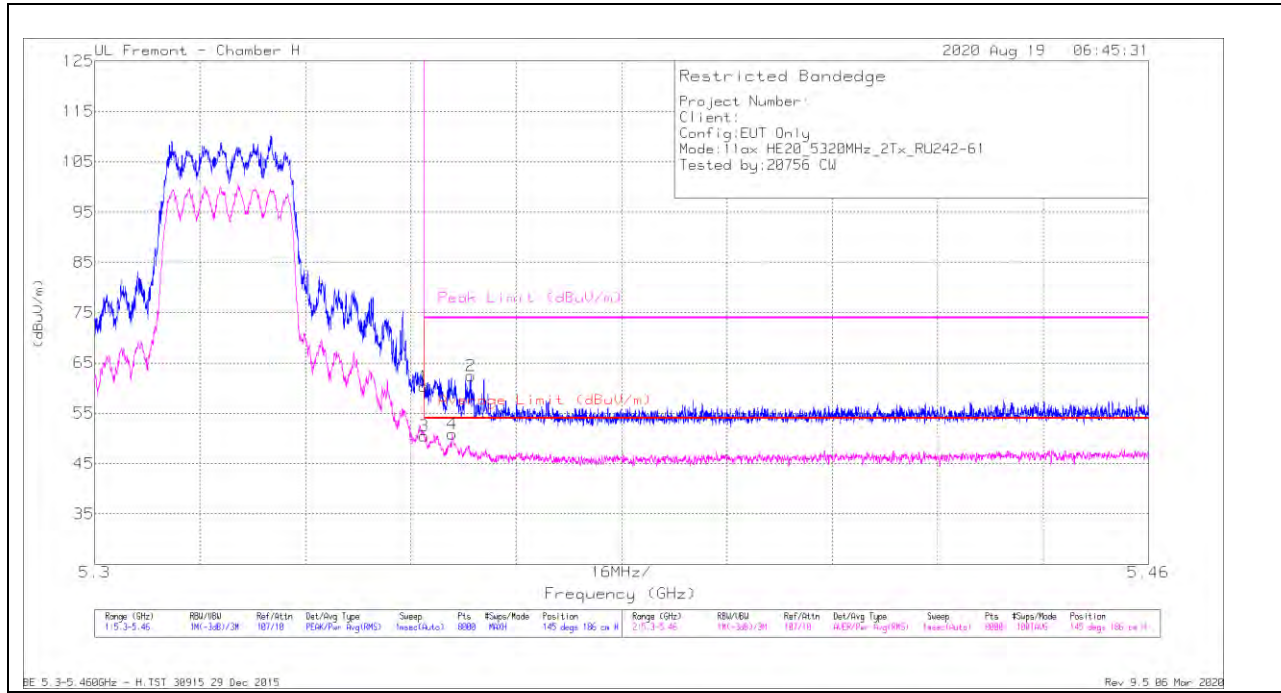
Pk - Peak detector

RMS - RMS detection

**2TX ANT 5 + ANT 6 OFDMA MODE – SU, RU Index 61**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



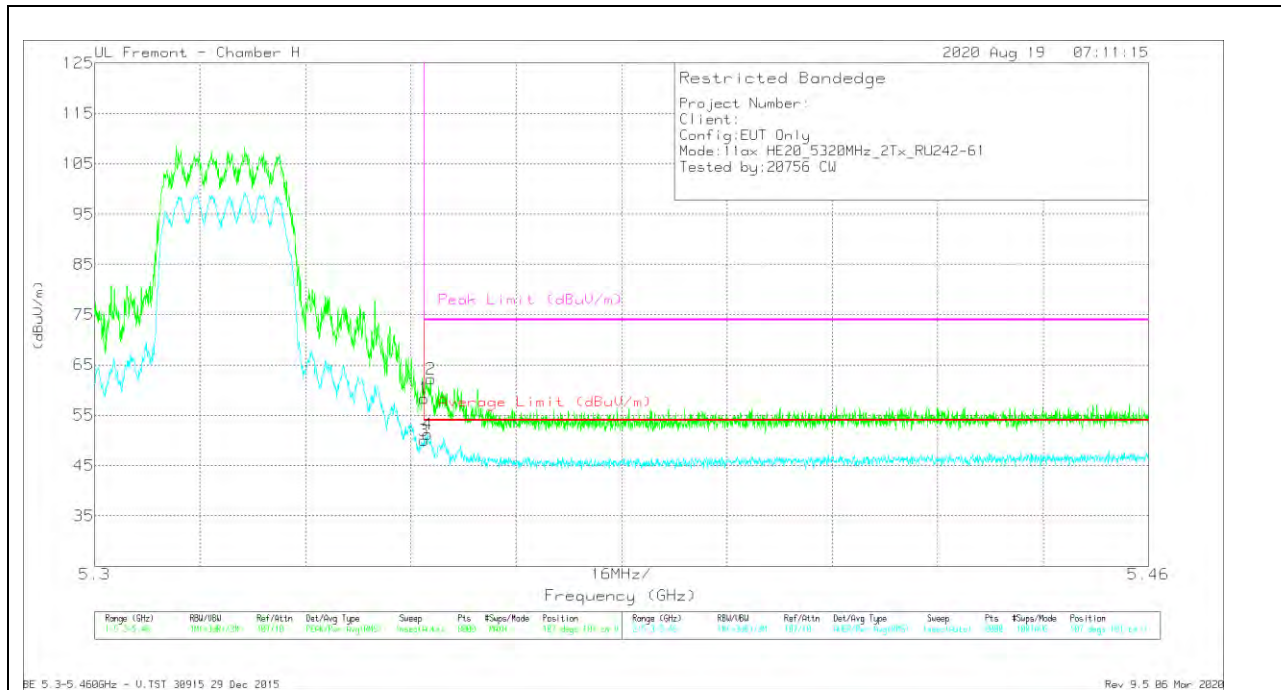
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/CbI/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 46.4                 | Pk  | 34.9           | -20.9                  | 60.4                       | -                      | -           | 74                  | -13.6          | 145            | 186         | H        |
| 2      | * 5.35711       | 48.48                | Pk  | 34.9           | -20.9                  | 62.48                      | -                      | -           | 74                  | -11.52         | 145            | 186         | H        |
| 3      | * 5.35001       | 36.53                | RMS | 34.9           | -20.9                  | 50.53                      | 54                     | -3.47       | -                   | -              | 145            | 186         | H        |
| 4      | * 5.35429       | 37                   | RMS | 34.9           | -21                    | 50.9                       | 54                     | -3.1        | -                   | -              | 145            | 186         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbll/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.36                | Pk  | 34.9           | -20.9                   | 58.36                      | -                      | -           | 74                  | -15.64         | 107            | 101         | V        |
| 2      | * 5.35103       | 48.18                | Pk  | 34.9           | -20.9                   | 62.18                      | -                      | -           | 74                  | -11.82         | 107            | 101         | V        |
| 3      | * 5.35001       | 36.02                | RMS | 34.9           | -20.9                   | 50.02                      | 54                     | -3.98       | -                   | -              | 107            | 101         | V        |
| 4      | * 5.35055       | 37.28                | RMS | 34.9           | -20.9                   | 51.28                      | 54                     | -2.72       | -                   | -              | 107            | 101         | V        |

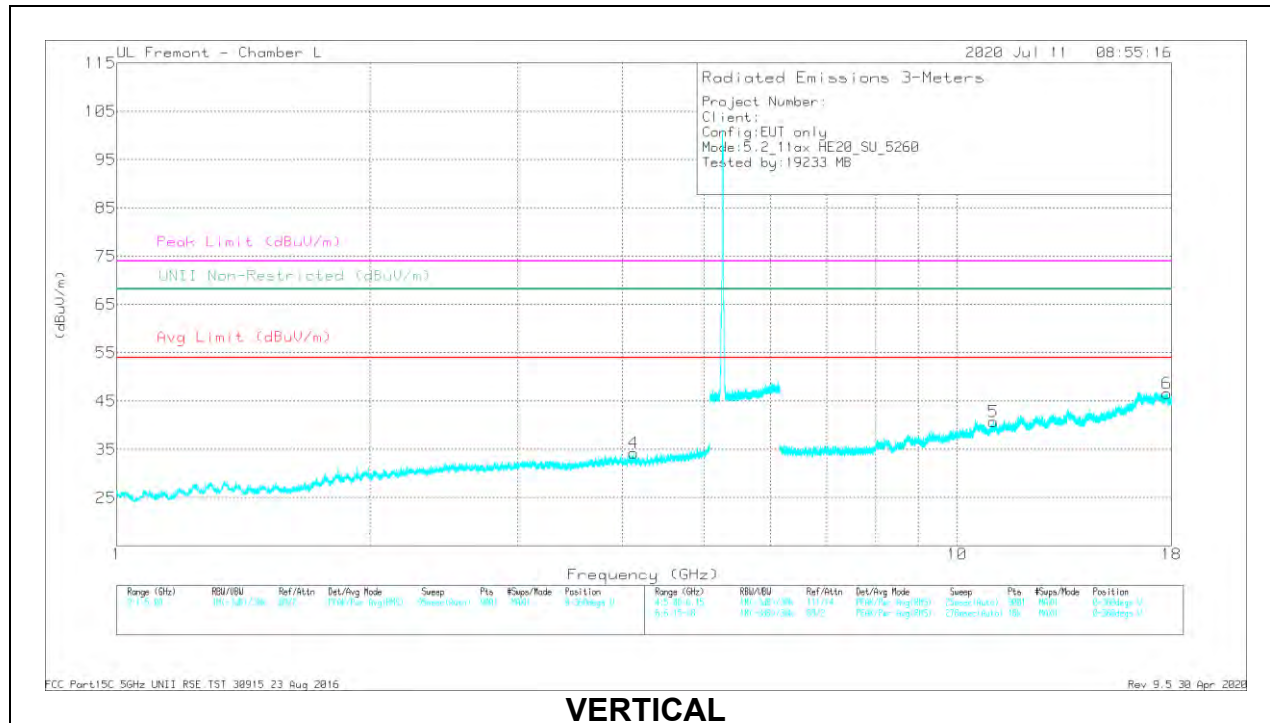
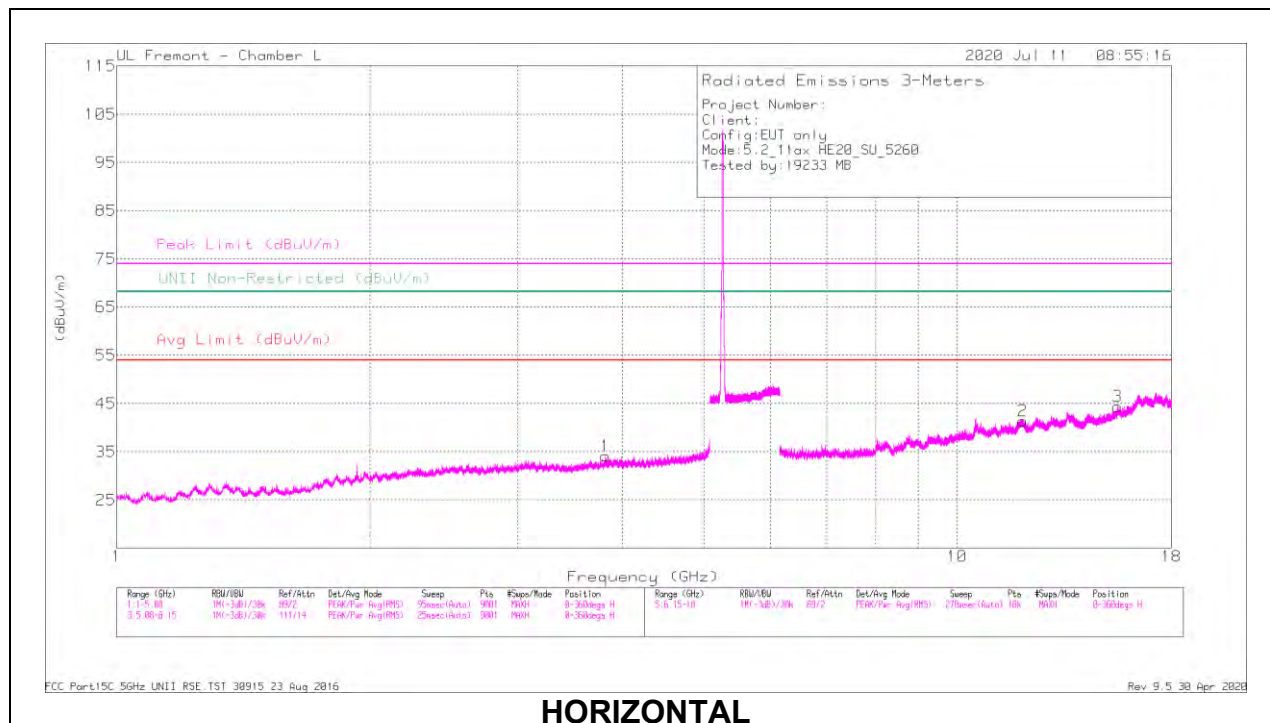
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## RADIATED EMISSIONS

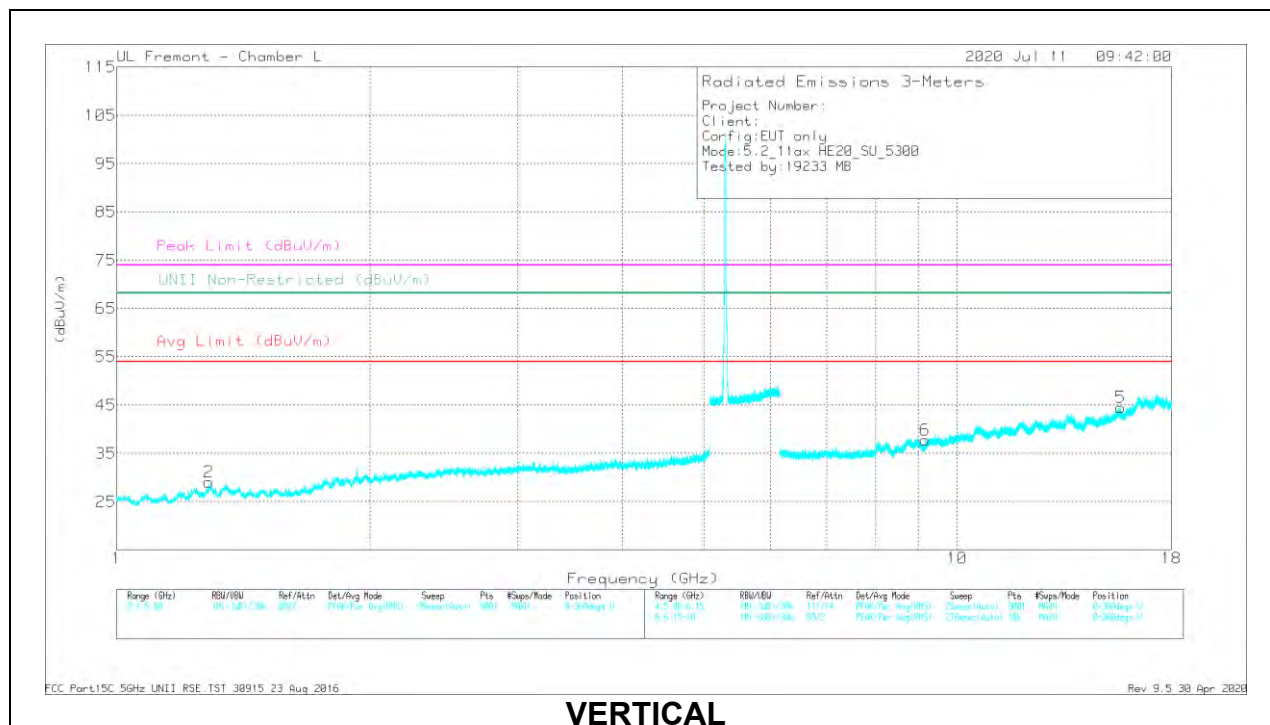
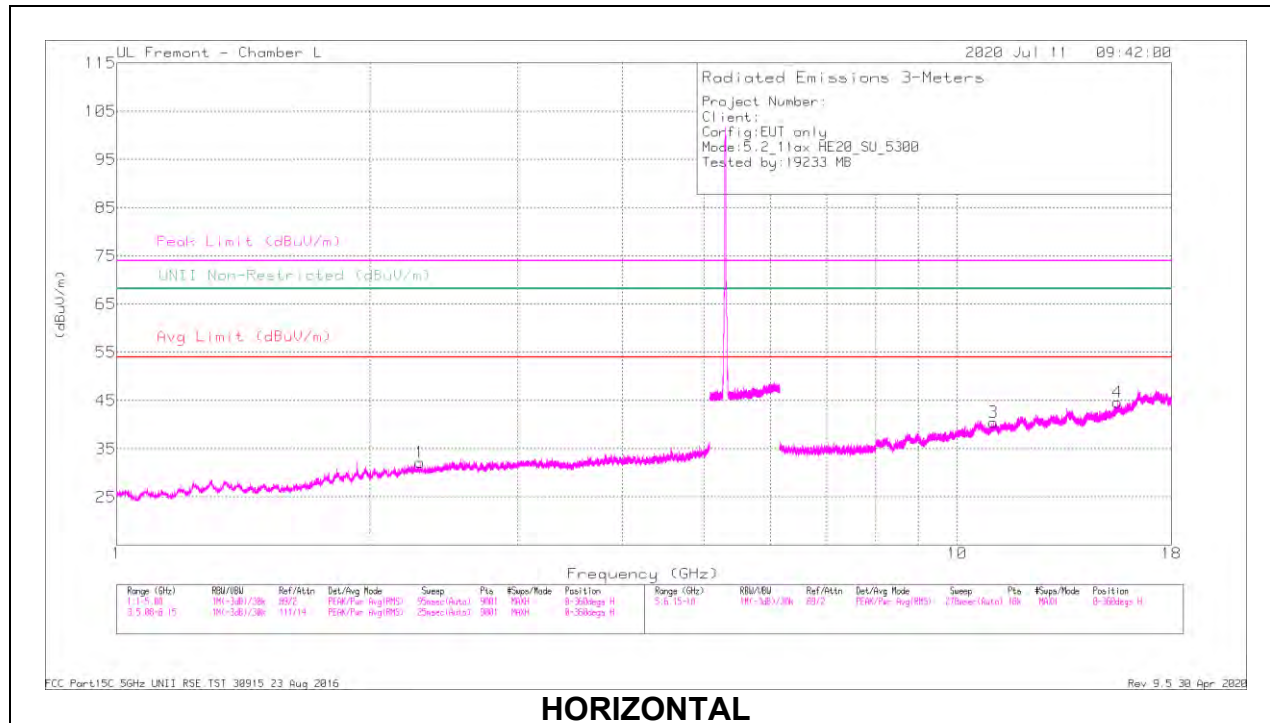
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 344 (dBm) | Amp/Ctrl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNIT Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|--------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 3.8191        | 37.61                | PK-U | 33.5         | -28.9                  | 42.21                      | -                  | -           | 74                  | -31.79         | -                            | -              | 326            | 296         | H        |
| * 3.82037       | 27.39                | ADR  | 33.5         | -28.9                  | 31.99                      | 54                 | -22.01      | -                   | -              | -                            | -              | 326            | 296         | H        |
| * 4.12761       | 35.72                | PK-U | 33.6         | -27.5                  | 41.82                      | -                  | -           | 74                  | -32.18         | -                            | -              | 152            | 294         | V        |
| * 4.12723       | 25.08                | ADR  | 33.6         | -27.5                  | 31.18                      | 54                 | -22.82      | -                   | -              | -                            | -              | 152            | 294         | V        |
| * 11.97705      | 30.19                | PK-U | 38.7         | -19.5                  | 49.39                      | -                  | -           | 74                  | -24.61         | -                            | -              | 10             | 175         | H        |
| * 11.97812      | 19.76                | ADR  | 38.7         | -19.6                  | 38.86                      | 54                 | -15.14      | -                   | -              | -                            | -              | 10             | 175         | H        |
| * 15.53959      | 29.29                | PK-U | 41           | -18.5                  | 51.79                      | -                  | -           | 74                  | -22.21         | -                            | -              | 120            | 377         | H        |
| * 15.53871      | 18.75                | ADR  | 41           | -18.5                  | 41.25                      | 54                 | -12.75      | -                   | -              | -                            | -              | 120            | 377         | H        |
| * 11.05166      | 29.72                | PK-U | 38           | -19.5                  | 48.22                      | -                  | -           | 74                  | -25.78         | -                            | -              | 325            | 376         | V        |
| * 11.05284      | 20.18                | ADR  | 38           | -19.5                  | 38.68                      | 54                 | -15.32      | -                   | -              | -                            | -              | 325            | 376         | V        |
| * 17.78931      | 29.1                 | PK-U | 41.5         | -16.5                  | 54.1                       | -                  | -           | 74                  | -19.9          | -                            | -              | 110            | 205         | V        |
| * 17.78201      | 18.8                 | ADR  | 41.4         | -16.5                  | 43.7                       | 54                 | -10.3       | -                   | -              | -                            | -              | 110            | 205         | 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

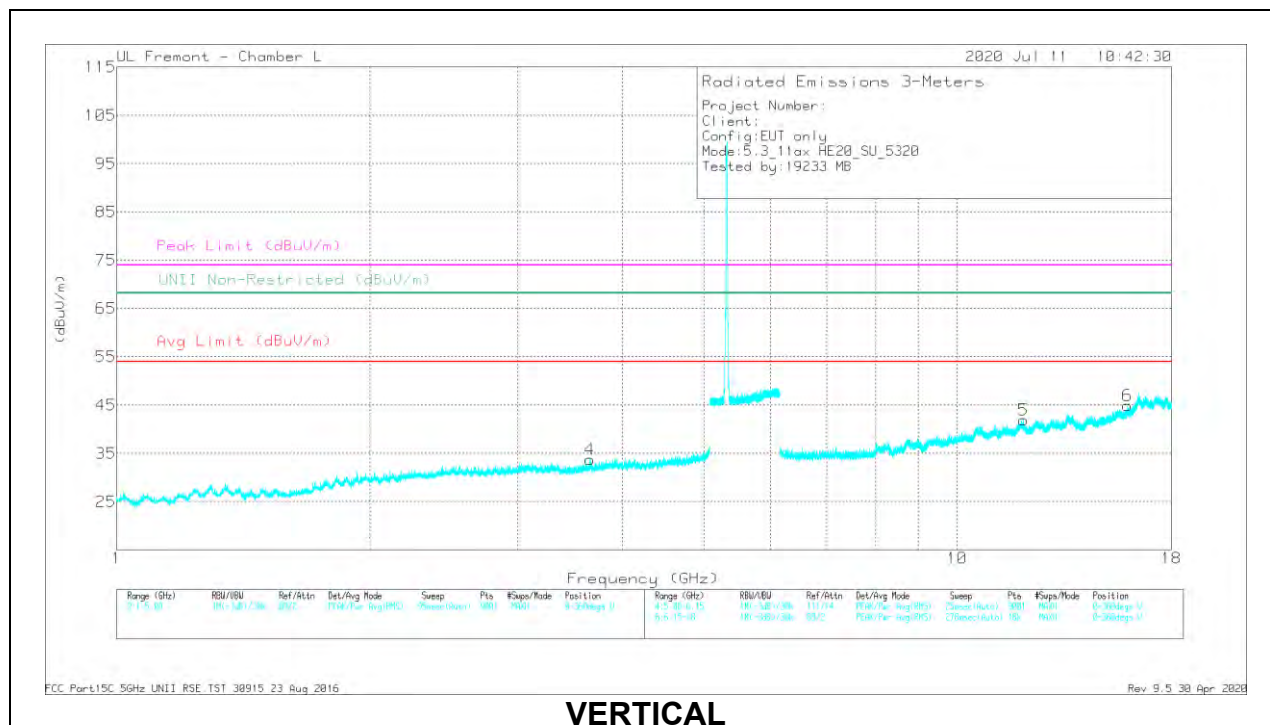
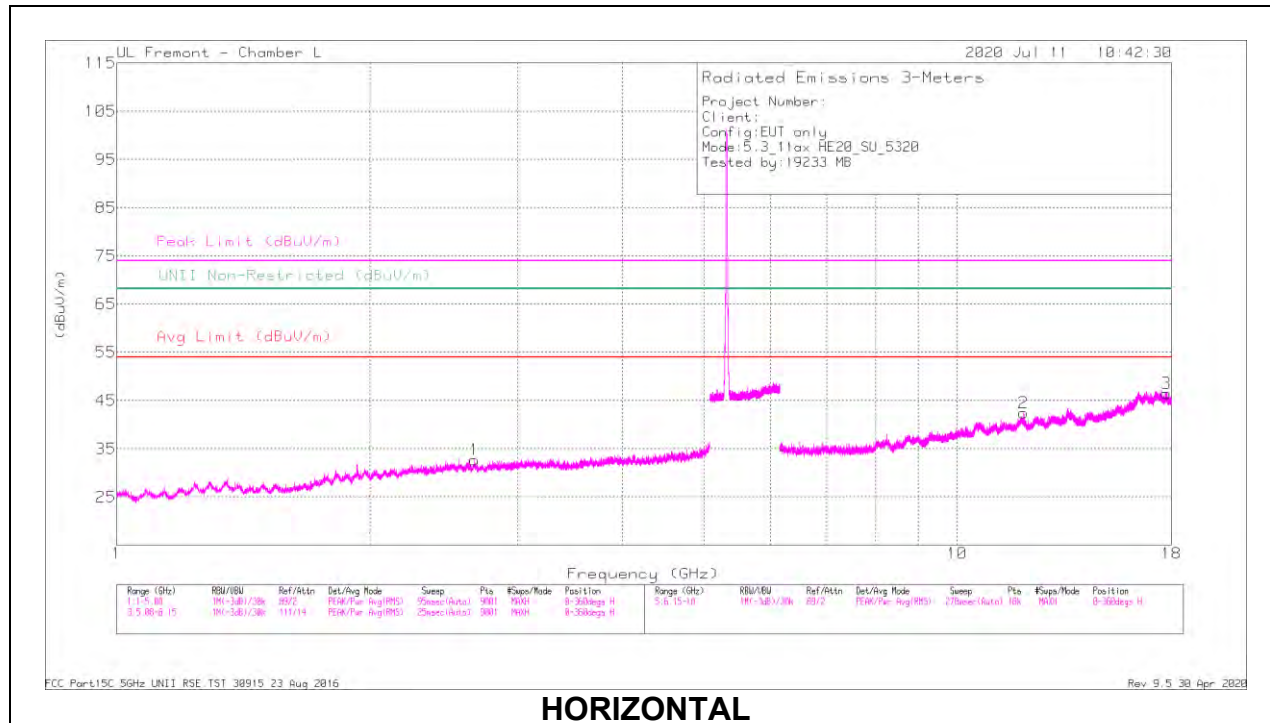
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 344 (dBm) | Amp/Ctrl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNIT Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|--------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 2.29343       | 39.12                | PK-U | 31.8         | -31                    | 39.92                      | -                  | -           | 74                  | -34.08         | -                            | -              | 198            | 292         | H        |
| * 2.29717       | 28.78                | ADR  | 31.8         | -30.9                  | 29.68                      | 54                 | -24.32      | -                   | -              | -                            | -              | 198            | 292         | H        |
| * 1.28831       | 40.71                | PK-U | 28.8         | -33.1                  | 36.41                      | -                  | -           | 74                  | -37.59         | -                            | -              | 341            | 237         | V        |
| * 1.28714       | 30.54                | ADR  | 28.8         | -33.1                  | 26.24                      | 54                 | -27.76      | -                   | -              | -                            | -              | 341            | 237         | V        |
| * 11.04841      | 28.78                | PK-U | 38           | -19.5                  | 48.28                      | -                  | -           | 74                  | -25.72         | -                            | -              | 17             | 385         | H        |
| * 11.04698      | 19.51                | ADR  | 38           | -19.6                  | 37.91                      | 54                 | -16.09      | -                   | -              | -                            | -              | 17             | 385         | H        |
| * 15.51583      | 30.57                | PK-U | 40.9         | -18.6                  | 52.87                      | -                  | -           | 74                  | -21.13         | -                            | -              | 60             | 232         | H        |
| * 15.51625      | 19.59                | ADR  | 40.9         | -18.6                  | 41.89                      | 54                 | -12.11      | -                   | -              | -                            | -              | 60             | 232         | H        |
| * 15.66135      | 29.28                | PK-U | 40.8         | -19.4                  | 50.68                      | -                  | -           | 74                  | -23.32         | -                            | -              | 13             | 178         | V        |
| * 15.66373      | 19.6                 | ADR  | 40.8         | -19.4                  | 41                         | 54                 | -13         | -                   | -              | -                            | -              | 13             | 178         | V        |
| * 9.16439       | 31.54                | PK-U | 36.3         | -21.5                  | 46.34                      | -                  | -           | 74                  | -27.66         | -                            | -              | 209            | 390         | V        |
| * 9.16697       | 20.66                | ADR  | 36.3         | -21.5                  | 35.46                      | 54                 | -18.54      | -                   | -              | -                            | -              | 209            | 390         | 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

| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 344 (dBm) | Amp/Ctrl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNIT Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|--------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 2.66415       | 38.98                | PK-U | 32.4         | -30.3                  | 41.08                      | -                  | -           | 74                  | -32.92         | -                            | -              | 280            | 287         | H        |
| * 2.66266       | 28.34                | ADR  | 32.4         | -30.3                  | 30.44                      | 54                 | -23.56      | -                   | -              | -                            | -              | 280            | 287         | H        |
| * 3.65512       | 37.35                | PK-U | 33           | -27.9                  | 42.45                      | -                  | -           | 74                  | -31.55         | -                            | -              | 307            | 294         | V        |
| * 3.65491       | 26.25                | ADR  | 33           | -27.9                  | 31.35                      | 54                 | -22.65      | -                   | -              | -                            | -              | 307            | 294         | V        |
| * 12.00693      | 30.81                | PK-U | 38.7         | -19.7                  | 49.81                      | -                  | -           | 74                  | -24.19         | -                            | -              | 57             | 391         | H        |
| * 12.00737      | 20.5                 | ADR  | 38.7         | -19.7                  | 39.5                       | 54                 | -14.5       | -                   | -              | -                            | -              | 57             | 391         | H        |
| * 17.74422      | 29.44                | PK-U | 41.6         | -16.6                  | 54.44                      | -                  | -           | 74                  | -19.56         | -                            | -              | 121            | 249         | H        |
| * 17.74147      | 19.45                | ADR  | 41.6         | -16.6                  | 44.45                      | 54                 | -9.55       | -                   | -              | -                            | -              | 121            | 249         | H        |
| * 11.99662      | 30.21                | PK-U | 38.7         | -19.7                  | 49.21                      | -                  | -           | 74                  | -24.79         | -                            | -              | 197            | 171         | V        |
| * 11.99563      | 19.47                | ADR  | 38.7         | -19.7                  | 38.47                      | 54                 | -15.53      | -                   | -              | -                            | -              | 197            | 171         | V        |
| * 15.96699      | 30.11                | PK-U | 41.1         | -18.8                  | 52.41                      | -                  | -           | 74                  | -21.59         | -                            | -              | 187            | 216         | V        |
| * 15.96519      | 18.92                | ADR  | 41.1         | -18.8                  | 41.22                      | 54                 | -12.78      | -                   | -              | -                            | -              | 187            | 216         | V        |

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

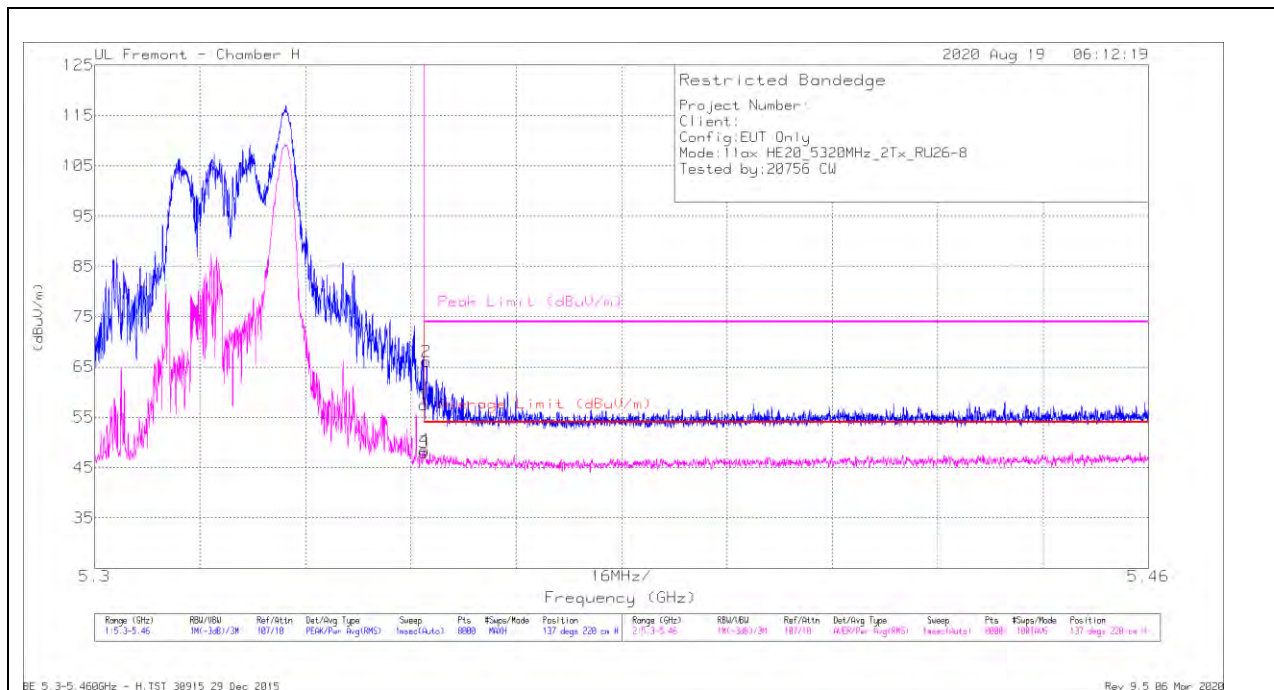
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX ANT 5 + ANT 6 OFDMA MODE – 26 Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 43.48                | Pk  | 34.9           | -20.9                  | 57.48                      | -                      | -           | 74                  | -16.52         | 137            | 220         | H        |
| 2      | * 5.35039       | 52.04                | Pk  | 34.9           | -20.9                  | 66.04                      | -                      | -           | 74                  | -7.96          | 137            | 220         | H        |
| 3      | * 5.35001       | 33.96                | RMS | 34.9           | -20.9                  | 47.96                      | 54                     | -6.04       | -                   | -              | 137            | 220         | H        |
| 4      | * 5.35005       | 34.51                | RMS | 34.9           | -20.9                  | 48.51                      | 54                     | -5.49       | -                   | -              | 137            | 220         | H        |

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber H

2020 Aug 19 06:02:00

Restricted Bandedge  
 Project Number:  
 Client:  
 Config: EUT Only  
 Mode: T1ax HE20\_5320MHz\_2Tx\_RU26-8  
 Tested by: 20756 CW

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

16MHz/  
 Frequency (GHz)

| Range (GHz) | RBW/VBW     | Ref/Att | Det/Avg Type    | Sweep       | Pls  | #Sups/Mode | Position            | Range (GHz) | RBW/VBW     | Ref/Att | Det/Avg Type    | Sweep       | Pls  | #Sups/Mode | Position            |
|-------------|-------------|---------|-----------------|-------------|------|------------|---------------------|-------------|-------------|---------|-----------------|-------------|------|------------|---------------------|
| 1.17-5.46   | 100/100/200 | 107/10  | PKA/PSD Avg(MS) | Res=14.4kHz | 1000 | 16000      | 124 (Step 2.92 GHz) | 2.17-5.46   | 100/100/200 | 107/10  | PKA/PSD Avg(MS) | Res=14.4kHz | 1000 | 16000      | 124 (Step 2.92 GHz) |

BE 5.3-5.460GHz - 0.TST 30915 29 Dec 2015

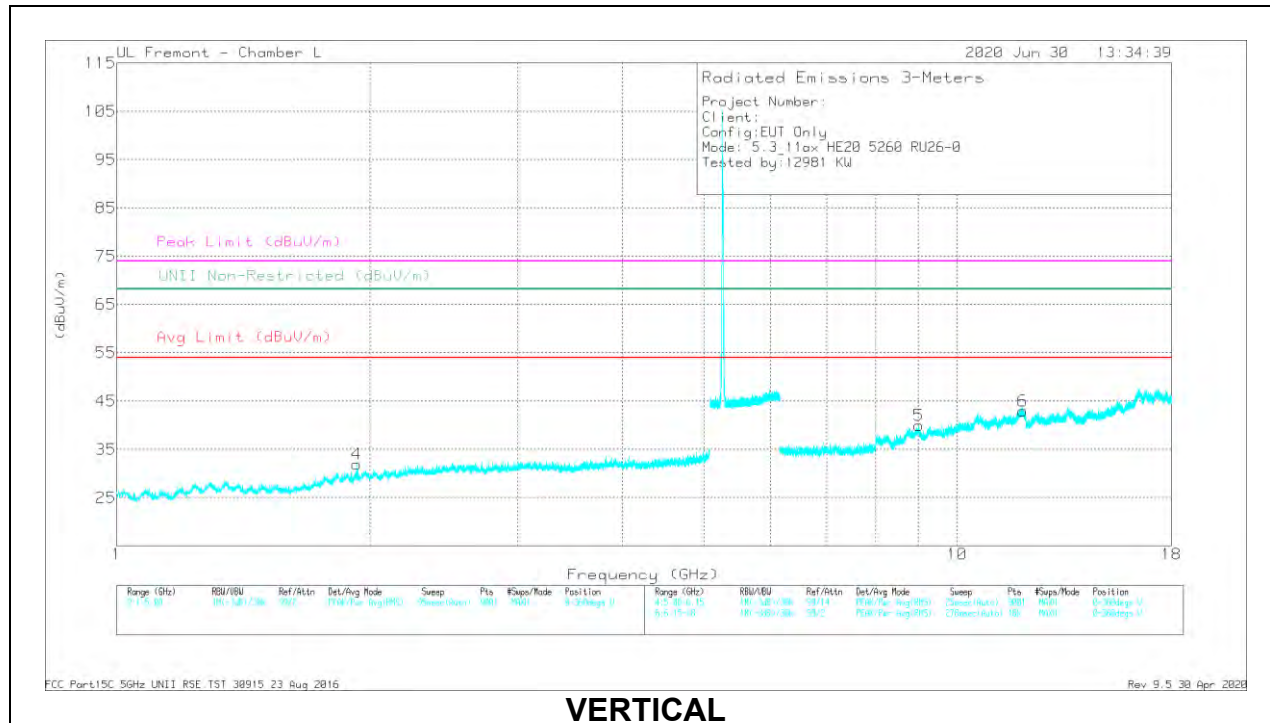
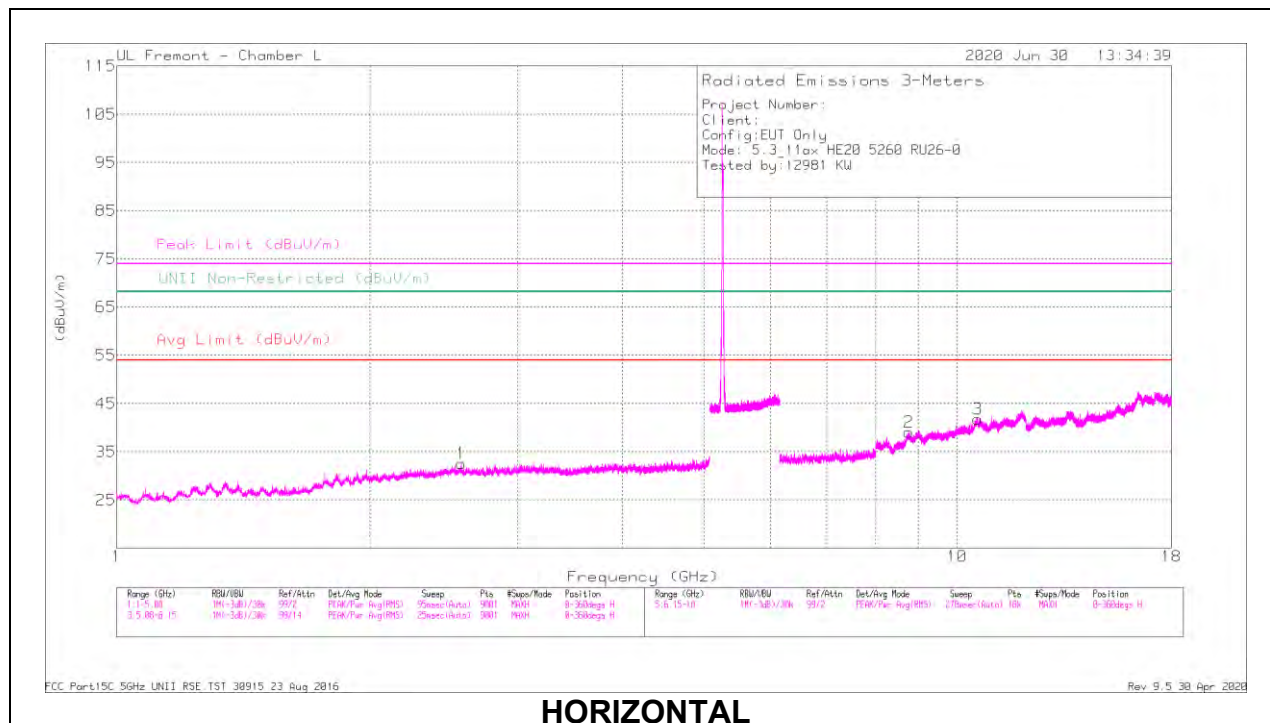
Rev 9.5 06 Mar 2020

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 7863 (dB/m) | Amp/Cdb/Filter/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.68                | Pk  | 34.9           | -20.9                   | 58.68                      | -                      | -           | 74                  | -15.32         | 124            | 236         | V        |
| 2      | * 5.35031       | 48.05                | Pk  | 34.9           | -20.9                   | 62.05                      | -                      | -           | 74                  | -11.95         | 124            | 236         | V        |
| 3      | * 5.35001       | 33.05                | RMS | 34.9           | -20.9                   | 47.05                      | 54                     | -6.95       | -                   | -              | 124            | 236         | V        |
| 4      | * 5.35063       | 34.22                | RMS | 34.9           | -20.9                   | 48.22                      | 54                     | -5.78       | -                   | -              | 124            | 236         | V        |

Pk - Peak detector  
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## RADIATED EMISSIONS

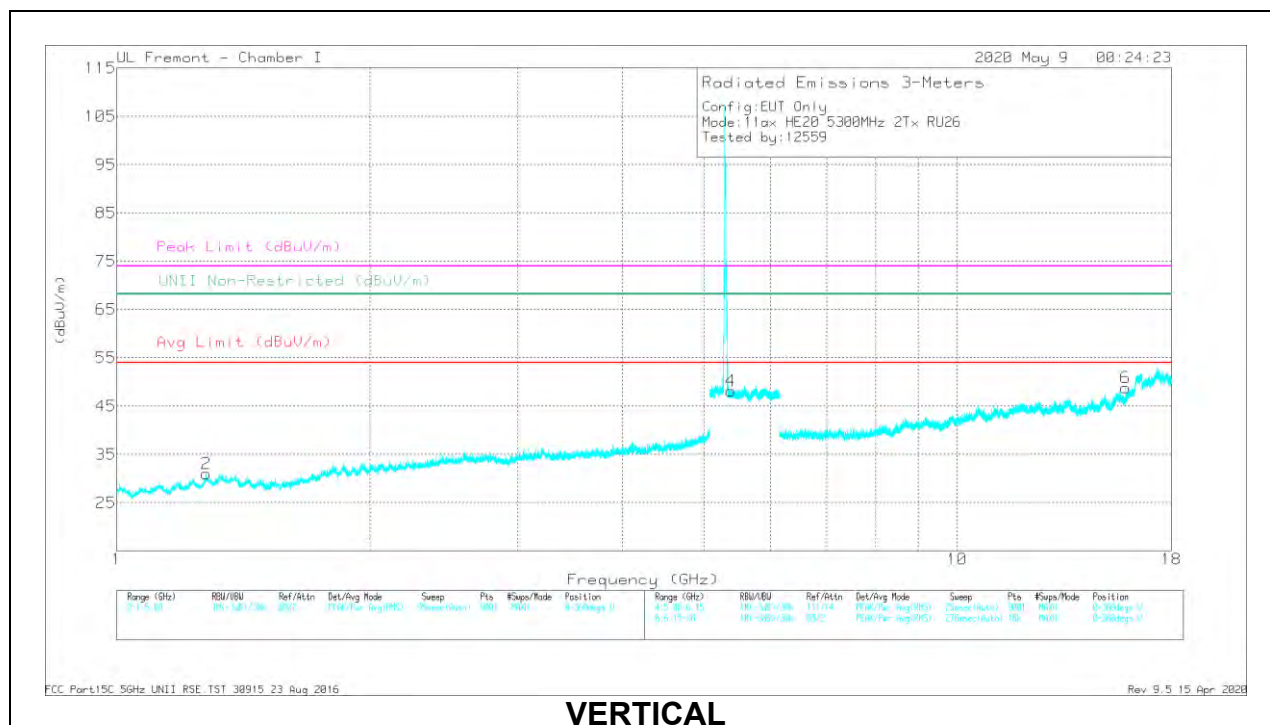
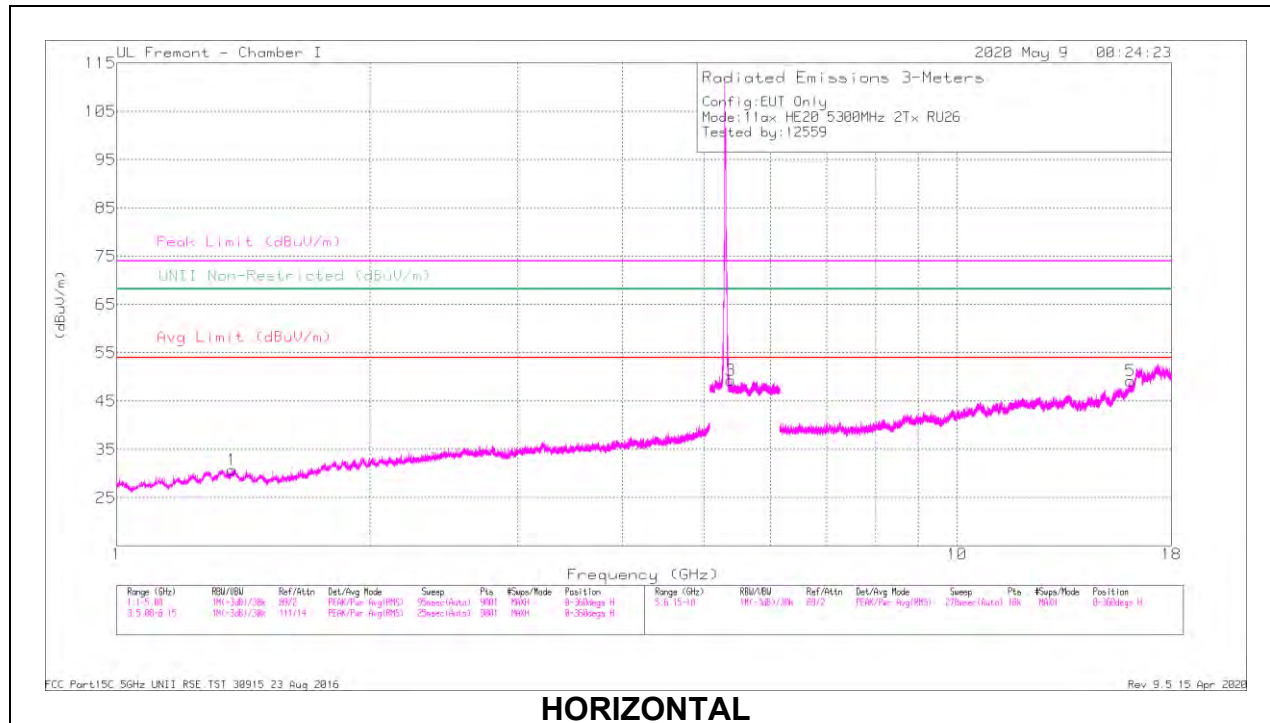
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 344 (dBm) | Amp/Ctrl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNIT Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|--------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2.57063         | 38.1                 | PK-U | 32.3         | -30.3                  | 40.1                       | -                  | -           | -                   | -              | 68.2                         | -28.1          | 243            | 159         | H        |
| 2.57411         | 27.32                | ADR  | 32.3         | -30.3                  | 29.32                      | -                  | -           | -                   | -              | -                            | -              | 243            | 159         | H        |
| 1.93036         | 40.71                | PK-U | 30.6         | -32                    | 39.31                      | -                  | -           | -                   | -              | 68.2                         | -28.89         | 177            | 228         | V        |
| 1.93315         | 29.66                | ADR  | 30.6         | -32                    | 28.26                      | -                  | -           | -                   | -              | -                            | -              | 177            | 228         | V        |
| 8.77334         | 31.17                | PK-U | 36           | -20.5                  | 46.67                      | -                  | -           | -                   | -              | 68.2                         | -21.53         | 294            | 186         | H        |
| 8.77701         | 19.58                | ADR  | 36.1         | -20.5                  | 36.18                      | -                  | -           | -                   | -              | -                            | -              | 294            | 186         | H        |
| 10.58931        | 30.1                 | PK-U | 37.8         | -19.9                  | 48                         | -                  | -           | -                   | -              | 68.2                         | -20.2          | 203            | 233         | H        |
| 10.58942        | 20.13                | ADR  | 37.8         | -19.9                  | 38.03                      | -                  | -           | -                   | -              | -                            | -              | 203            | 233         | H        |
| * 9.00416       | 30.15                | PK-U | 36.1         | -20.2                  | 46.06                      | -                  | -           | 74                  | -27.95         | -                            | -              | 47             | 164         | V        |
| * 9.00401       | 20.32                | ADR  | 36.1         | -20.2                  | 36.22                      | 54                 | -17.78      | -                   | -              | -                            | -              | 47             | 164         | V        |
| * 11.98478      | 30.17                | PK-U | 38.7         | -19.6                  | 49.27                      | -                  | -           | 74                  | -24.73         | -                            | -              | 155            | 201         | V        |
| * 11.98296      | 20.01                | ADR  | 38.7         | -19.6                  | 39.11                      | 54                 | -14.89      | -                   | -              | -                            | -              | 155            | 201         | 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

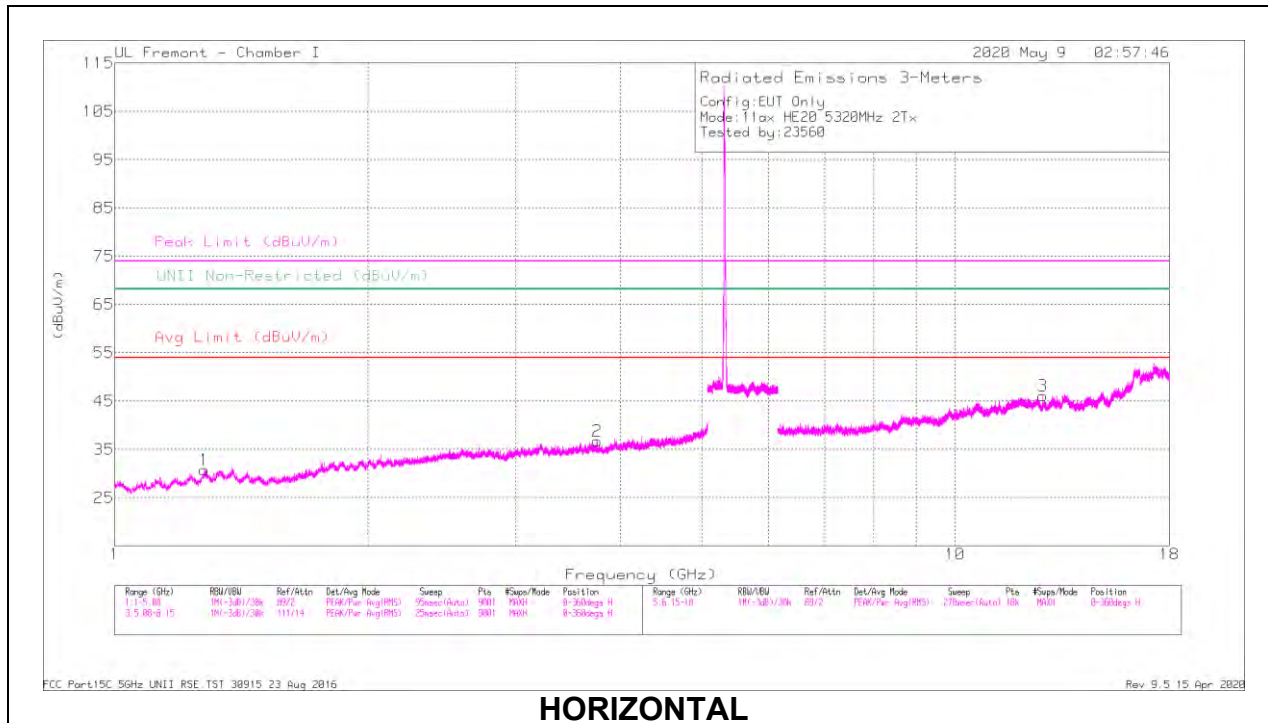
| Marker | Frequency (GHz) | Meter Reading (dBμV) | Det  | AF T662 (dBm) | Amp/Cbl/Filr/Pad (dB) | Corrected Reading (dBμV/m) | Avg Limit (dBμV/m) | Margin (dB) | Peak Limit (dBμV/m) | PK Margin (dB) | Unlit Non-Restricted (dBμV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|-------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.37019       | 38.71                | PK-U | 29.6          | -30                   | 38.31                      | -                  | -           | 74                  | -35.69         | -                             | -              | 267            | 155         | H        |
|        | * 1.37106       | 28.49                | ADR  | 29.5          | -30                   | 27.99                      | 54                 | -26.01      | -                   | -              | -                             | -              | 267            | 155         | H        |
| 2      | * 1.28028       | 40.56                | PK-U | 29.4          | -30.5                 | 39.46                      | -                  | -           | 74                  | -34.54         | -                             | -              | 84             | 249         | V        |
|        | * 1.27849       | 30.45                | ADR  | 29.4          | -30.5                 | 29.35                      | 54                 | -24.65      | -                   | -              | -                             | -              | 84             | 249         | V        |
| 3      | * 5.38526       | 32.4                 | PK-U | 34.7          | -13.6                 | 33.5                       | -                  | -           | 74                  | -20.5          | -                             | -              | 180            | 305         | H        |
|        | * 5.38464       | 22.77                | ADR  | 34.7          | -13.6                 | 43.87                      | 54                 | -10.13      | -                   | -              | -                             | -              | 190            | 305         | H        |
| 4      | * 5.38164       | 33.08                | PK-U | 34.7          | -13.6                 | 54.18                      | -                  | -           | 74                  | -19.82         | -                             | -              | 279            | 246         | V        |
|        | * 5.38294       | 22.39                | ADR  | 34.7          | -13.6                 | 43.49                      | 54                 | -10.51      | -                   | -              | -                             | -              | 279            | 246         | V        |
| 5      | * 16.09492      | 27.49                | PK-U | 40.5          | -12.6                 | 55.39                      | -                  | -           | 74                  | -18.61         | -                             | -              | 307            | 202         | H        |
|        | * 16.0935       | 17.22                | ADR  | 40.5          | -12.5                 | 45.22                      | 54                 | -8.78       | -                   | -              | -                             | -              | 307            | 202         | H        |
| 6      | * 15.87365      | 28.31                | PK-U | 40.1          | -13.3                 | 55.11                      | -                  | -           | 74                  | -18.89         | -                             | -              | 197            | 156         | V        |
|        | * 15.87388      | 17.79                | ADR  | 40.1          | -13.3                 | 44.59                      | 54                 | -9.41       | -                   | -              | -                             | -              | 197            | 156         | V        |

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

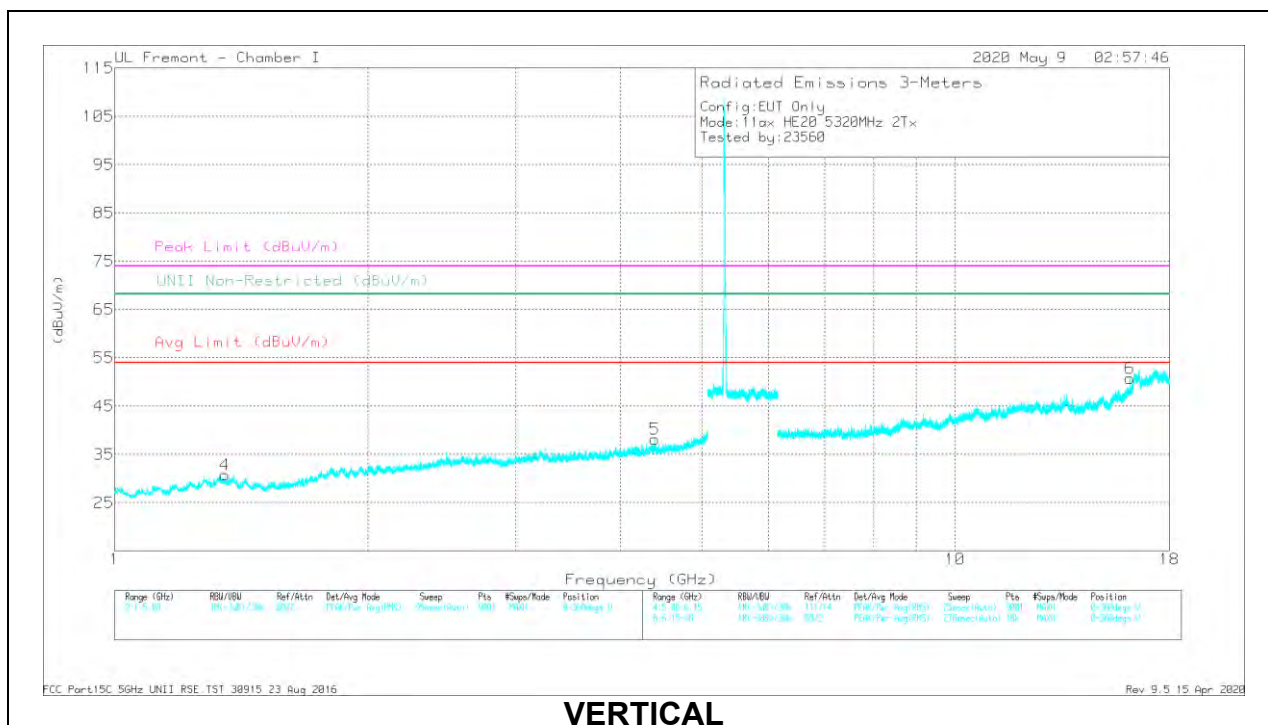
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBµV) | Det  | AF T662 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBµV/m) | Avg Limit (dBµV/m) | Margin (dB) | Peak Limit (dBµV/m) | PK Margin (dB) | Unlit Non-Restricted (dBµV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|-------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.27884       | 39.59                | PK-U | 29.4          | -30.5                | 38.49                      | -                  | -           | 74                  | -35.51         | -                             | -              | 14             | 115         | H        |
|        | * 1.27589       | 29.15                | ADR  | 29.3          | -30.5                | 27.95                      | 54                 | -26.05      | -                   | -              | -                             | -              | 14             | 115         | H        |
| 2      | * 3.75167       | 35.96                | PK-U | 33            | -24.9                | 44.06                      | -                  | -           | 74                  | -29.94         | -                             | -              | 74             | 270         | H        |
|        | * 3.75135       | 25.35                | ADR  | 33            | -24.9                | 33.45                      | 54                 | -20.55      | -                   | -              | -                             | -              | 74             | 270         | H        |
| 5      | * 4.39476       | 34.31                | PK-U | 33.6          | -23.7                | 44.21                      | -                  | -           | 74                  | -29.79         | -                             | -              | 201            | 199         | V        |
|        | * 4.39339       | 23.82                | ADR  | 33.6          | -23.7                | 33.52                      | 54                 | -20.48      | -                   | -              | -                             | -              | 201            | 199         | V        |
| 4      | * 1.35309       | 37.95                | PK-U | 29.7          | -30.1                | 37.55                      | -                  | -           | 74                  | -36.45         | -                             | -              | 289            | 179         | V        |
|        | * 1.35024       | 27.87                | ADR  | 29.7          | -30.1                | 27.47                      | 54                 | -26.53      | -                   | -              | -                             | -              | 289            | 179         | V        |
| 3      | 12.72229        | 29.37                | PK-U | 39            | -15.4                | 52.97                      | -                  | -           | -                   | -              | 68.2                          | -15.23         | 180            | 155         | H        |
| 6      | * 16.15662      | 28.58                | PK-U | 40.5          | -12.8                | 56.28                      | -                  | -           | 74                  | -17.72         | -                             | -              | 337            | 280         | V        |
|        | * 16.15725      | 17.96                | ADR  | 40.5          | -12.8                | 45.66                      | 54                 | -8.34       | -                   | -              | -                             | -              | 337            | 280         | V        |

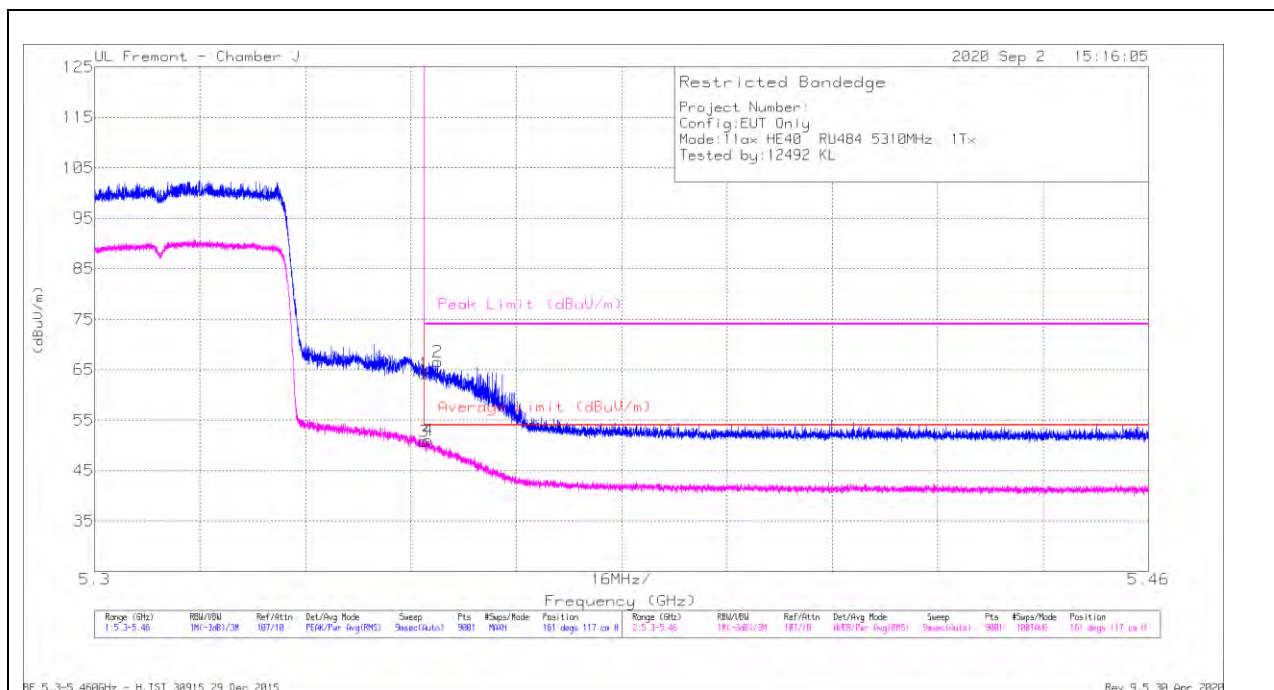
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak  
ADR - U-NII AD primary method, RMS average

## 1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND

### 1TX ANT 5 – SU, RU Index 65

### BANDEDGE (HIGH CHANNEL)

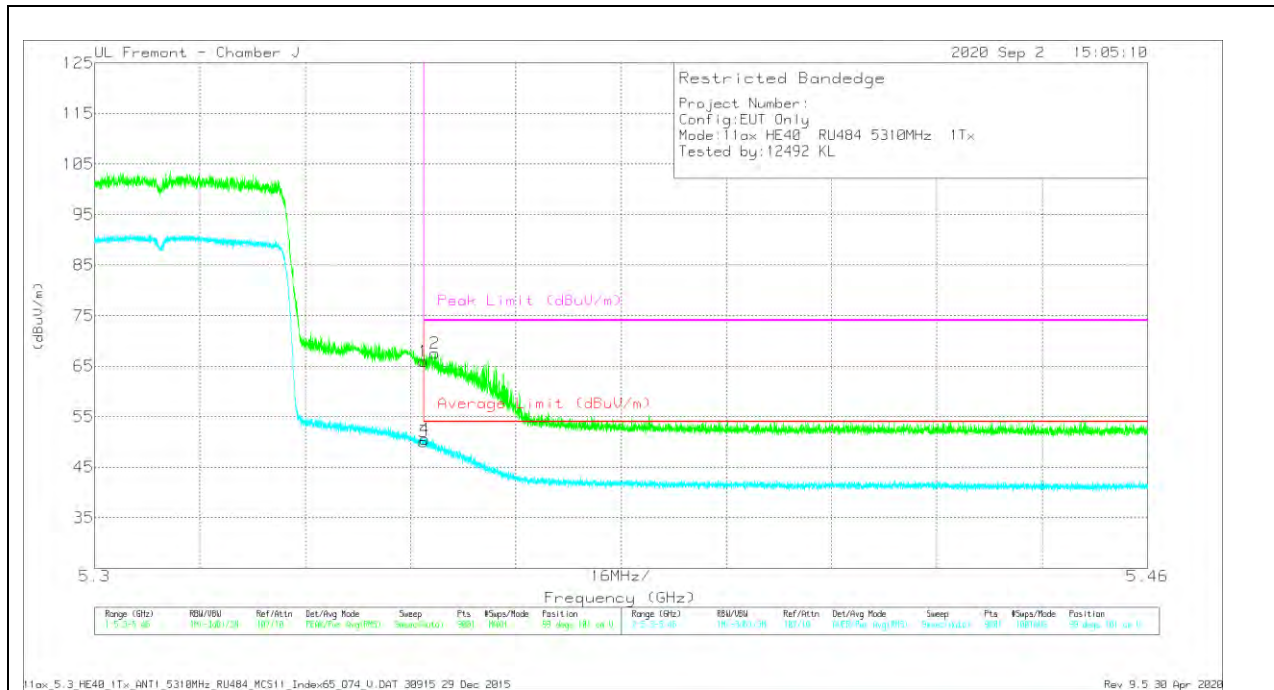
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T963 (dB/m) | Amp/Cbll/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 51.28                | Pk  | 33.3           | -20.4                   | 64.18                      | -                      | -           | 74                  | -9.82          | 161            | 117         | H        |
| 2      | * 5.35205       | 53.71                | Pk  | 33.3           | -20.4                   | 66.61                      | -                      | -           | 74                  | -7.39          | 161            | 117         | H        |
| 3      | * 5.35001       | 37.86                | RMS | 33.3           | -20.4                   | 50.76                      | 54                     | -3.24       | -                   | -              | 161            | 117         | H        |
| 4      | * 5.3507        | 38.18                | RMS | 33.3           | -20.4                   | 51.08                      | 54                     | -2.92       | -                   | -              | 161            | 117         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T963 (dB/m) | Amp/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 52.99                | Pk  | 33.3           | -20.4                 | 65.89                      | -                      | -           | 74                  | -8.11          | 99             | 101         | V        |
| 2      | * 5.35168       | 54.63                | Pk  | 33.3           | -20.4                 | 67.53                      | -                      | -           | 74                  | -6.47          | 99             | 101         | V        |
| 3      | * 5.35001       | 37.2                 | RMS | 33.3           | -20.4                 | 50.1                       | 54                     | -3.9        | -                   | -              | 99             | 101         | V        |
| 4      | * 5.35019       | 37.65                | RMS | 33.3           | -20.4                 | 50.55                      | 54                     | -3.45       | -                   | -              | 99             | 101         | V        |

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

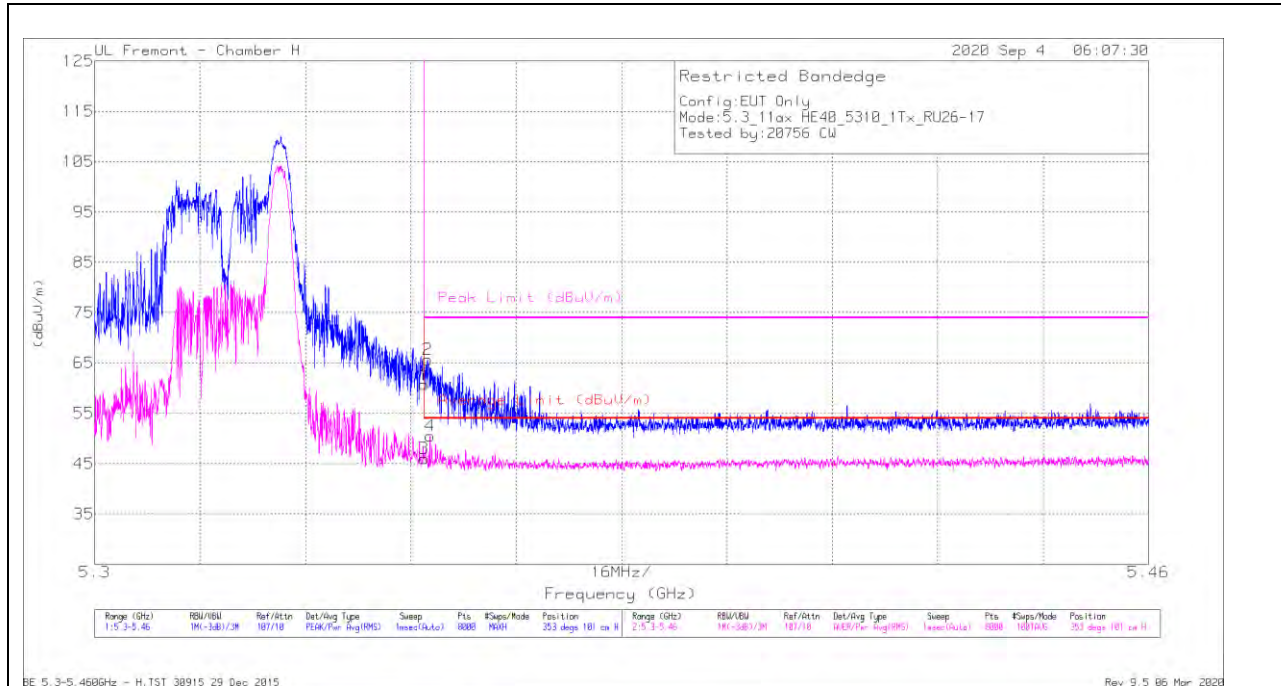
Pk - Peak detector

RMS - RMS detection

**1TX ANT 5 – 26 Tones, RU Index 17**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



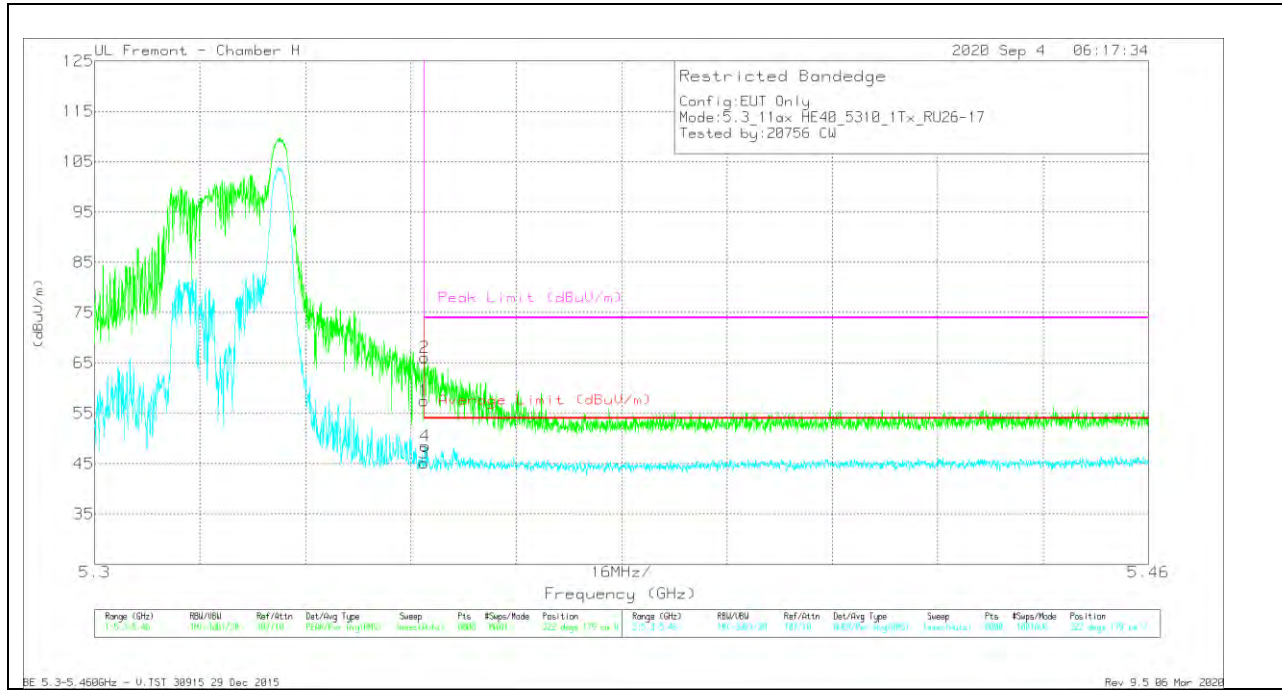
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 47.2                 | Pk  | 34.4           | -20.9                   | 60.7                       | -                      | -           | 74                  | -13.3          | 353            | 101         | H        |
| 2      | * 5.35057       | 52.15                | Pk  | 34.4           | -20.9                   | 65.65                      | -                      | -           | 74                  | -8.35          | 353            | 101         | H        |
| 3      | * 5.35001       | 32.57                | RMS | 34.4           | -20.9                   | 46.07                      | 54                     | -7.93       | -                   | -              | 353            | 101         | H        |
| 4      | * 5.35091       | 36.98                | RMS | 34.4           | -20.9                   | 50.48                      | 54                     | -3.52       | -                   | -              | 353            | 101         | H        |

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

PK - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbll/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.03                | Pk  | 34.4           | -20.9                   | 57.53                      | -                      | -           | 74                  | -16.47         | 322            | 179         | V        |
| 2      | * 5.35011       | 52.55                | Pk  | 34.4           | -20.9                   | 66.05                      | -                      | -           | 74                  | -7.95          | 322            | 179         | V        |
| 3      | * 5.35001       | 31.64                | RMS | 34.4           | -20.9                   | 45.14                      | 54                     | -8.86       | -                   | -              | 322            | 179         | V        |
| 4      | * 5.35017       | 35.04                | RMS | 34.4           | -20.9                   | 48.54                      | 54                     | -5.46       | -                   | -              | 322            | 179         | V        |

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

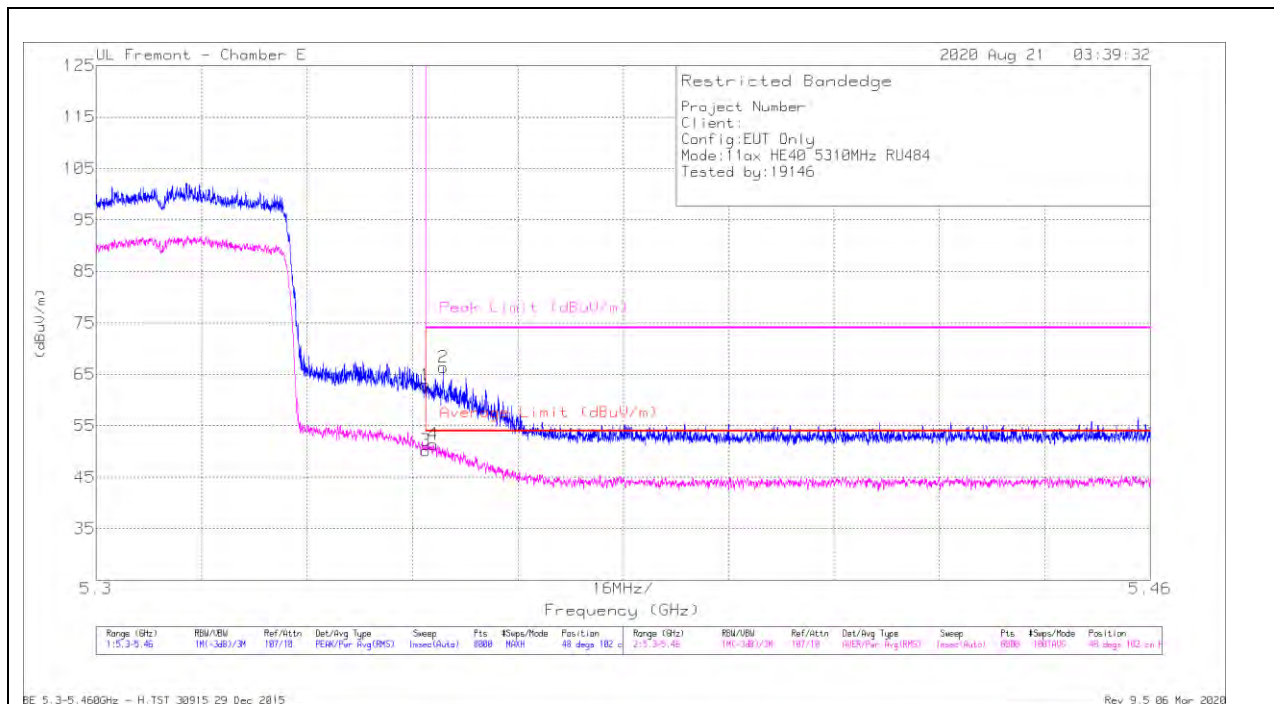
Pk - Peak detector

RMS - RMS detection

**1TX ANT 6 – SU, RU Index 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



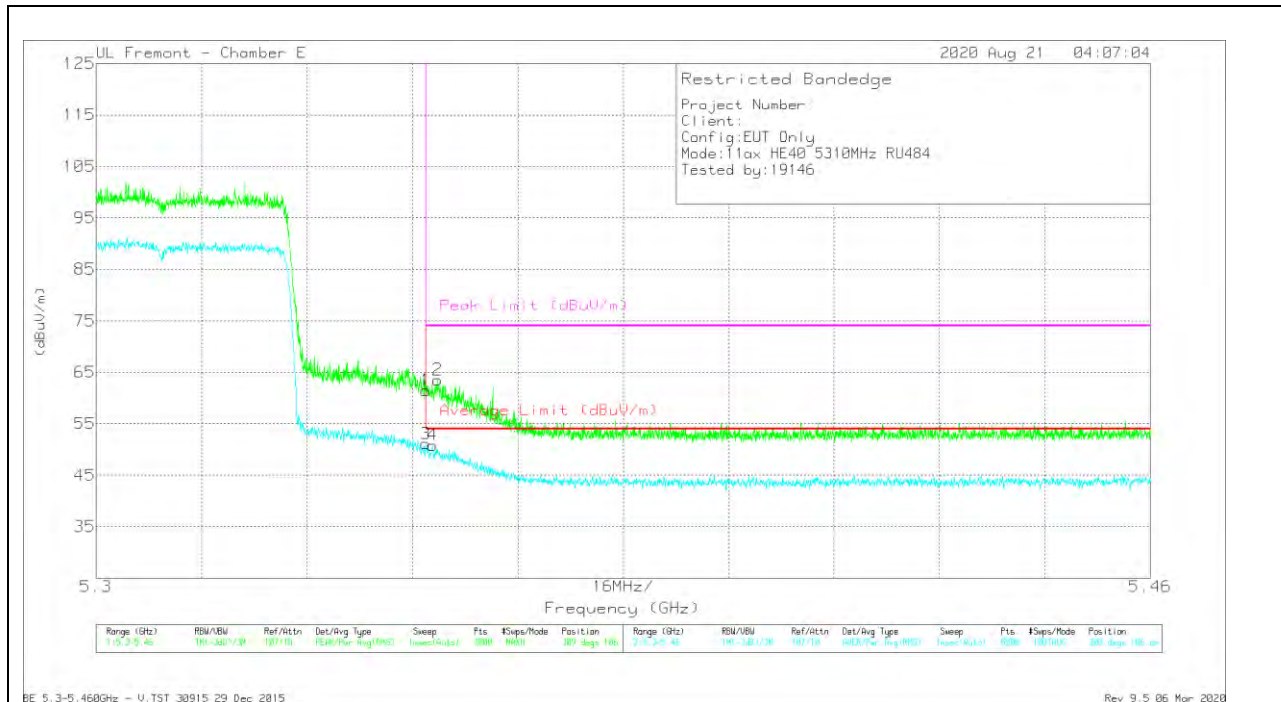
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 50.29                | Pk  | 34.5           | -21.8                 | 62.99                      | -                      | -           | 74                  | -11.01         | 48             | 102         | H        |
| 2      | * 5.35269       | 53.57                | Pk  | 34.5           | -21.7                 | 66.37                      | -                      | -           | 74                  | -7.63          | 48             | 102         | H        |
| 3      | * 5.35001       | 37.47                | RMS | 34.5           | -21.8                 | 50.17                      | 54                     | -3.83       | -                   | -              | 48             | 102         | H        |
| 4      | * 5.35119       | 38.7                 | RMS | 34.5           | -21.8                 | 51.4                       | 54                     | -2.6        | -                   | -              | 48             | 102         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

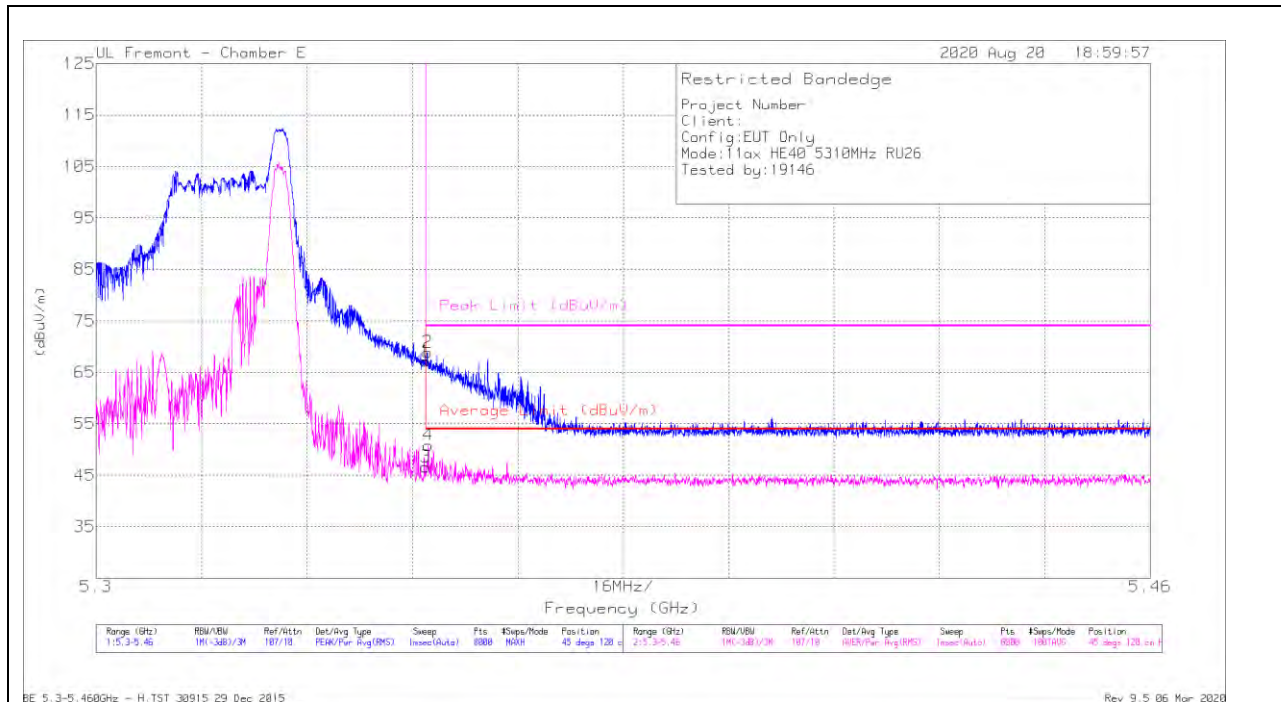


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *5.35001        | 48.79                | Pk  | 34.5           | -21.8                  | 61.49                      | -                      | -           | 74                  | -12.51         | 309            | 106         | V        |
| 2      | *5.35183        | 50.72                | Pk  | 34.5           | -21.7                  | 63.52                      | -                      | -           | 74                  | -10.48         | 309            | 106         | V        |
| 3      | *5.35001        | 38.42                | RMS | 34.5           | -21.8                  | 51.12                      | 54                     | -2.88       | -                   | -              | 309            | 106         | V        |
| 4      | *5.35105        | 38.13                | RMS | 34.5           | -21.8                  | 50.83                      | 54                     | -3.17       | -                   | -              | 309            | 106         | V        |

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

PK - Peak detector

RMS - RMS detection



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 54.46                | Pk  | 34.5           | -21.8                  | 67.16                      | -                      | -           | 74                  | -6.84          | 45             | 120         | H        |
| 2      | * 5.35027       | 56.18                | Pk  | 34.5           | -21.8                  | 68.88                      | -                      | -           | 74                  | -5.12          | 45             | 120         | H        |
| 3      | * 5.35001       | 33.96                | RMS | 34.5           | -21.8                  | 46.66                      | 54                     | -7.34       | -                   | -              | 45             | 120         | H        |
| 4      | * 5.35043       | 38.13                | RMS | 34.5           | -21.8                  | 50.83                      | 54                     | -3.17       | -                   | -              | 45             | 120         | H        |

RMS - RMS detection

UL Fremont - Chamber E

2020 Aug 20 18:14:54

Restricted Bandedge

Project Number:  
Client:  
Config: EUT Only  
Mode: T1ax HE40 5310MHz RU26  
Tested by: 19146

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

16MHz/  
Frequency (GHz)

Range (GHz) 5.3-5.46 RBW/VBW 100/30 Ref/Att 0/10 Det/Avg Type Peak/Max Sweep 1000/10 Pts 300 #Sps/Mode 100/10 Position 300 steps, 110 ms

BE 5.3-5.46GHz - U.TST 30915 29 Dec 2015

Rev 9.5.06 Mar 2020

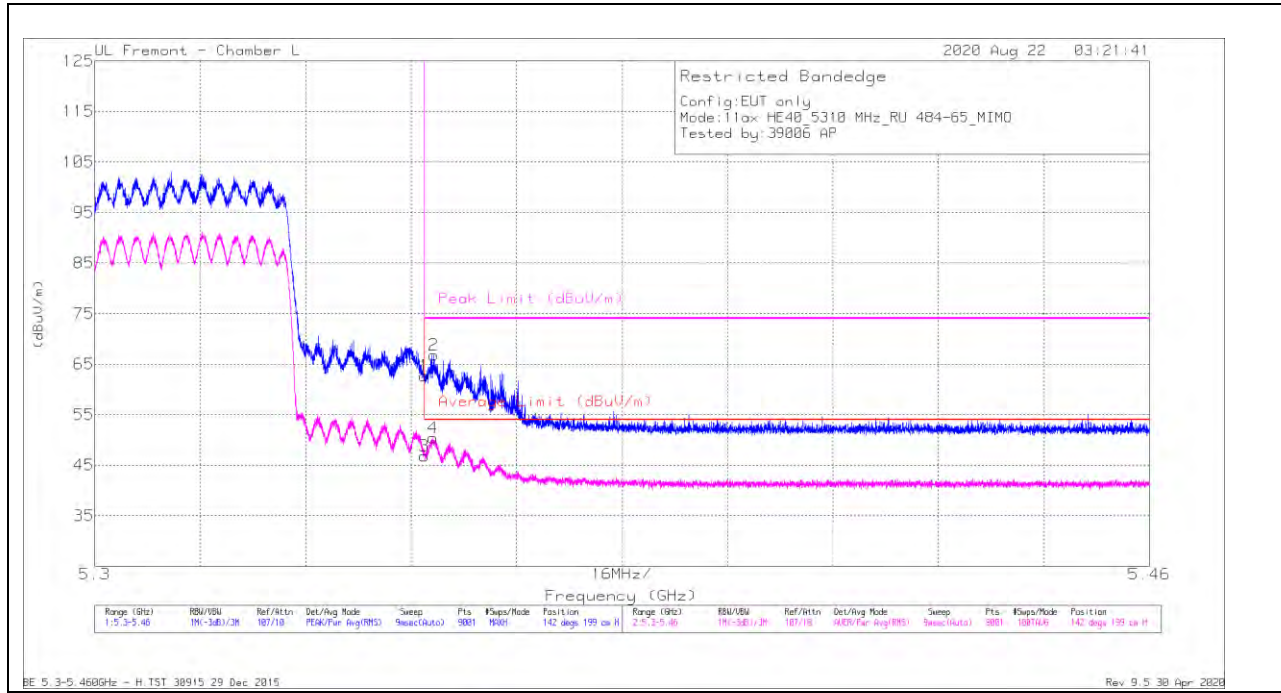
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 53.85                | Pk  | 34.5           | -21.8                  | 66.55                      | -                      | -           | 74                  | -7.45          | 309            | 118         | V        |
| 2      | * 5.36329       | 55.12                | Pk  | 34.5           | -21.8                  | 67.82                      | -                      | -           | 74                  | -6.18          | 309            | 118         | V        |
| 3      | * 5.35001       | 33.11                | RMS | 34.5           | -21.8                  | 45.81                      | 54                     | -8.19       | -                   | -              | 309            | 118         | V        |
| 4      | * 5.35055       | 36.16                | RMS | 34.5           | -21.8                  | 48.86                      | 54                     | -5.14       | -                   | -              | 309            | 118         | V        |

Pk - Peak detector  
RMS - RMS detection

**2TX ANT 5 + ANT 6 OFDMA MODE – SU, RU Index 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



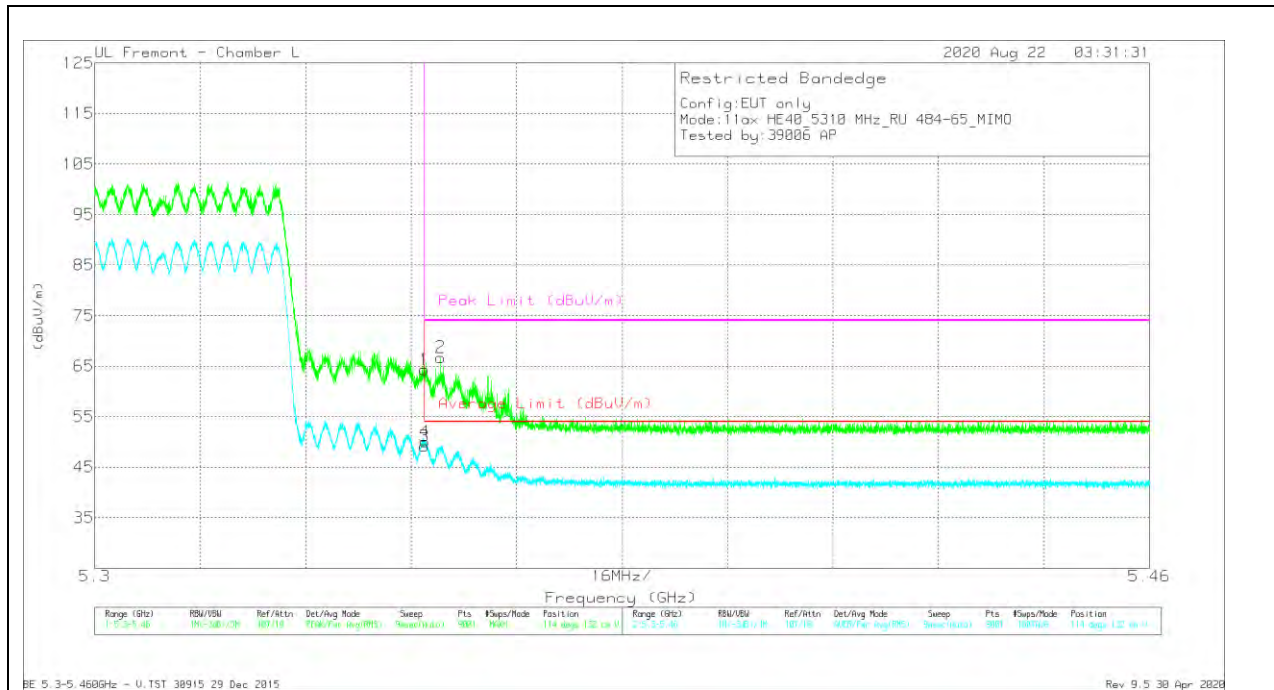
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 344 (dB/m) | Amp/CbI/Filtz/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 45.33                | Pk  | 34.5          | -17.1                   | 62.73                      | -                      | -           | 74                  | -11.27         | 142            | 199         | H        |
| 2      | * 5.35145       | 49.44                | Pk  | 34.5          | -17.1                   | 66.84                      | -                      | -           | 74                  | -7.16          | 142            | 199         | H        |
| 3      | * 5.35001       | 29.44                | RMS | 34.5          | -17.1                   | 46.84                      | 54                     | -7.16       | -                   | -              | 142            | 199         | H        |
| 4      | * 5.35136       | 33.01                | RMS | 34.5          | -17.1                   | 50.41                      | 54                     | -3.59       | -                   | -              | 142            | 199         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 344 (dB/m) | Amp/Cbll/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 46.97                | Pk  | 34.5          | -17.1                    | 64.37                      | -                      | -           | 74                  | -9.63          | 114            | 132         | V        |
| 2      | * 5.35248       | 49.34                | Pk  | 34.5          | -17.1                    | 66.74                      | -                      | -           | 74                  | -7.26          | 114            | 132         | V        |
| 3      | * 5.35001       | 31.79                | RMS | 34.5          | -17.1                    | 49.19                      | 54                     | -4.81       | -                   | -              | 114            | 132         | V        |
| 4      | * 5.3501        | 32.65                | RMS | 34.5          | -17.1                    | 50.05                      | 54                     | -3.95       | -                   | -              | 114            | 132         | V        |

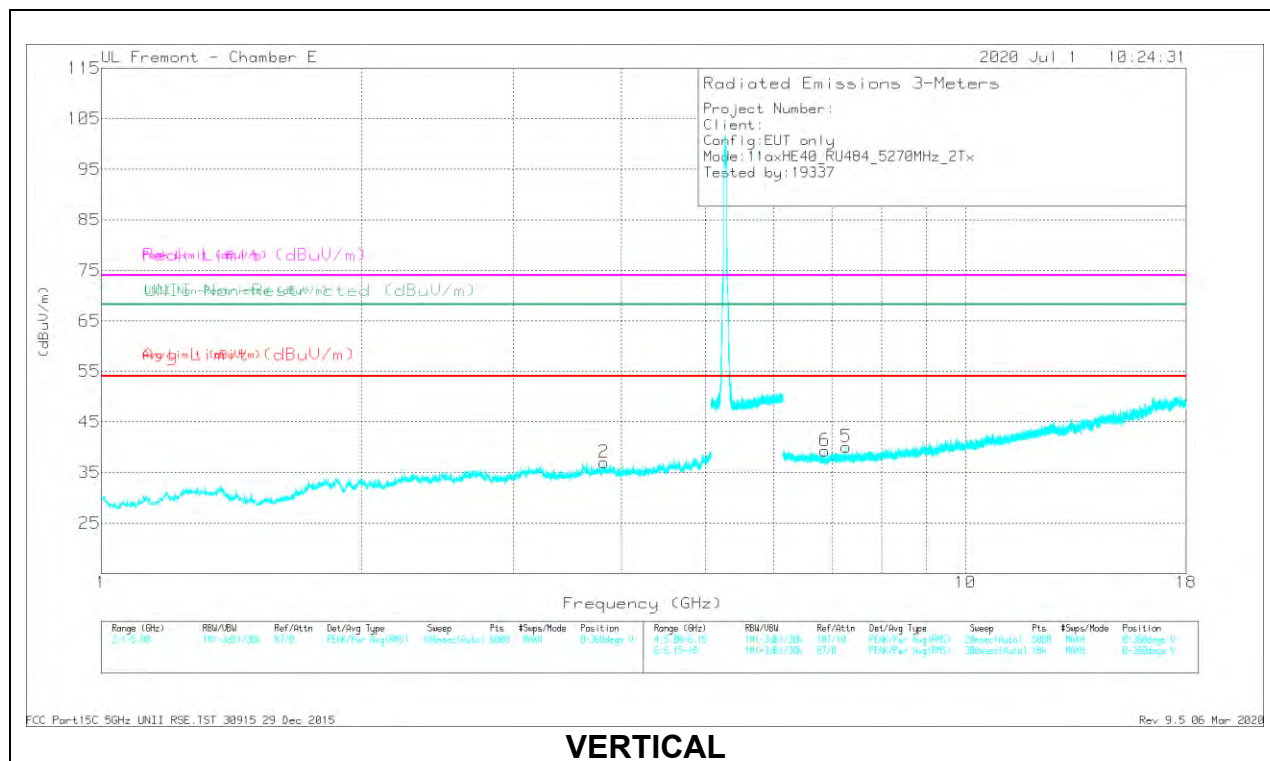
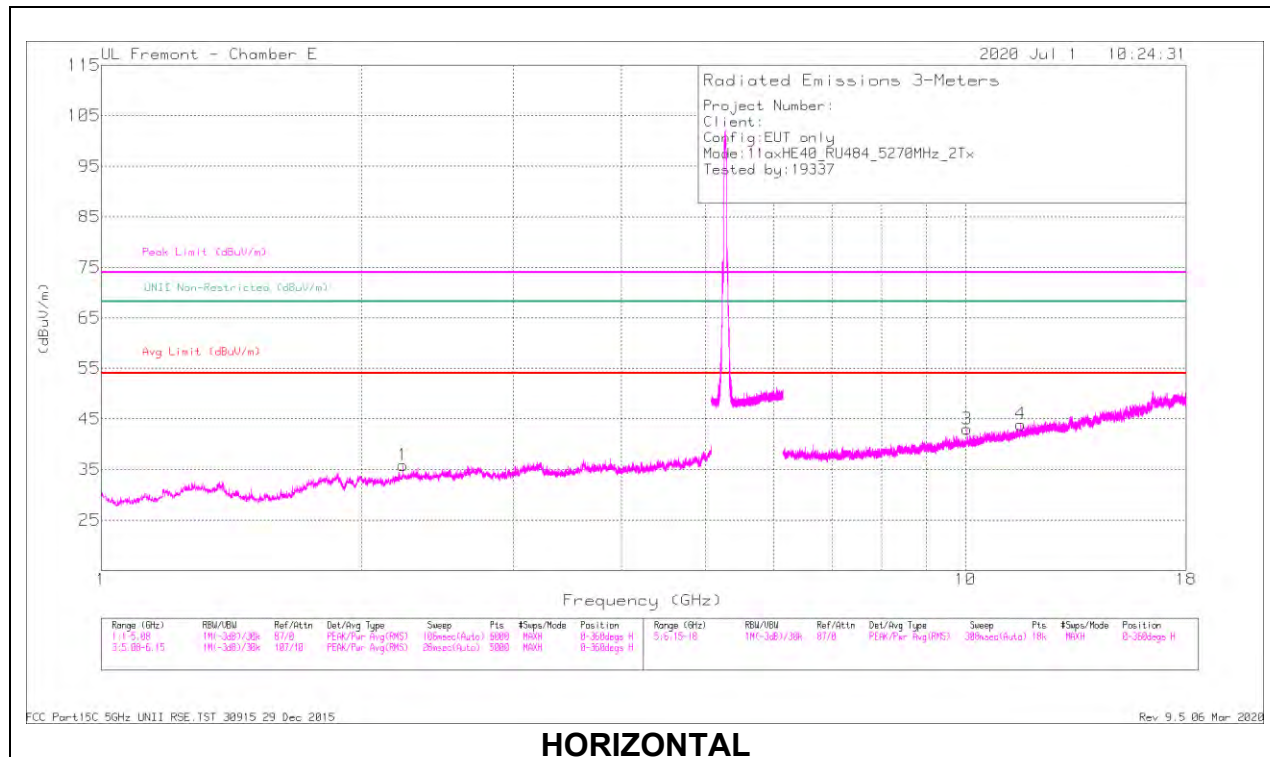
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## RADIATED EMISSIONS

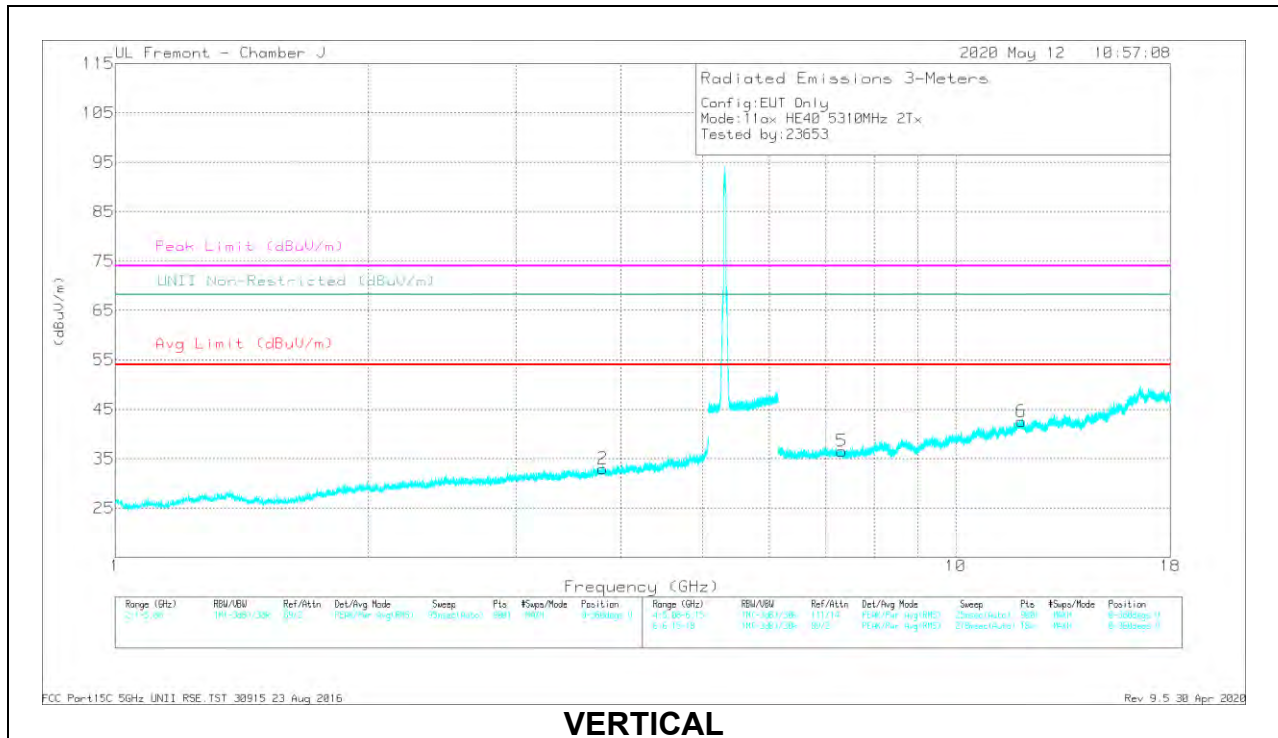
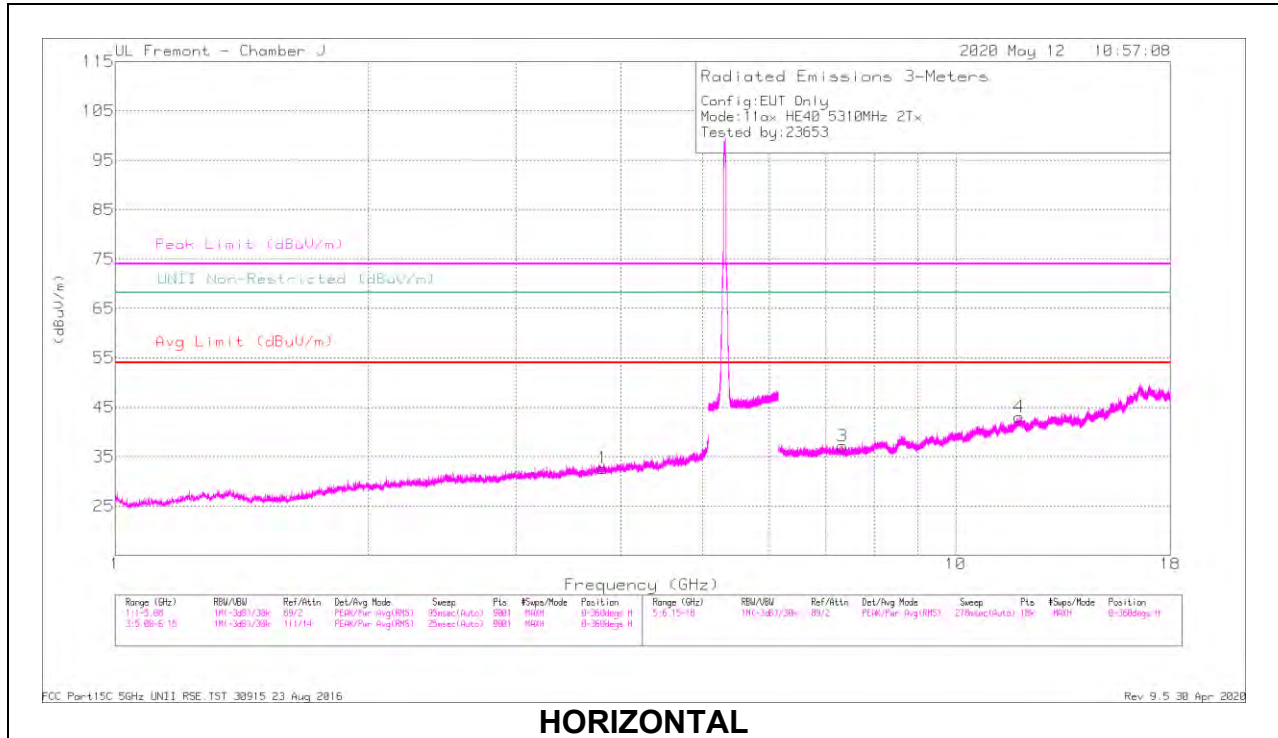
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T712 (dBm) | Amp/CntFilt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 2.23128       | 45.17                | PK-U | 31.8          | -35.7                | 41.27                      | -                  | -           | 74                  | -32.73         | -                           | -              | 288            | 200         | H        |
|        | * 2.23415       | 33.47                | ADR  | 31.8          | -35.6                | 29.67                      | 54                 | -24.33      | -                   | -              | -                           | -              | 288            | 200         | H        |
| 2      | * 3.81795       | 42.62                | PK-U | 33.6          | -32.5                | 43.72                      | -                  | -           | 74                  | -30.28         | -                           | -              | 317            | 163         | V        |
|        | * 3.81616       | 31                   | ADR  | 33.6          | -32.5                | 32.1                       | 54                 | -21.9       | -                   | -              | -                           | -              | 317            | 163         | V        |
| 4      | * 11.57423      | 36.04                | PK-U | 38.2          | -24.1                | 50.14                      | -                  | -           | 74                  | -23.86         | -                           | -              | 0              | 120         | H        |
|        | * 11.5756       | 24.12                | ADR  | 38.2          | -24.1                | 38.22                      | 54                 | -15.78      | -                   | -              | -                           | -              | 0              | 120         | H        |
| 5      | * 7.2721        | 37.97                | PK-U | 35.5          | -28.2                | 45.27                      | -                  | -           | 74                  | -28.73         | -                           | -              | 124            | 331         | V        |
|        | * 7.2751        | 26.74                | ADR  | 35.5          | -28.3                | 33.94                      | 54                 | -20.06      | -                   | -              | -                           | -              | 124            | 331         | V        |
| 6      | 6.87921         | 26.65                | ADR  | 35.8          | -28.8                | 33.65                      | -                  | -           | -                   | -              | -                           | -              | 239            | 363         | V        |
|        | 6.87969         | 38.04                | PK-U | 35.8          | -28.8                | 45.04                      | -                  | -           | -                   | -              | 68.2                        | -23.16         | 239            | 363         | V        |
| 3      | 10.03612        | 29.13                | ADR  | 36.9          | -25.4                | 36.63                      | -                  | -           | -                   | -              | -                           | -              | 178            | 112         | H        |
|        | 10.03808        | 36.85                | PK-U | 36.9          | -25.4                | 48.35                      | -                  | -           | -                   | -              | 68.2                        | -19.85         | 178            | 112         | 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 (dBµV) | Det  | AF T344 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBµV/m) | Avg Limit (dBµV/m) | Margin (dB) | Peak Limit (dBµV/m) | PK Margin (dB) | UNI Non-Restricted (dBµV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 3.80243       | 40.09                | PK-U | 33.5          | -32.4                | 41.19                      | -                  | -           | 74                  | -32.81         | -                           | -              | 162            | 244         | H        |
|        | * 3.80122       | 29.83                | ADR  | 33.5          | -32.4                | 30.93                      | 54                 | -23.07      | -                   | -              | -                           | -              | 162            | 244         | H        |
| 2      | * 3.80252       | 39.94                | PK-U | 33.5          | -32.4                | 41.04                      | -                  | -           | 74                  | -32.96         | -                           | -              | 80             | 386         | V        |
|        | * 3.80316       | 30.03                | ADR  | 33.5          | -32.4                | 31.13                      | -                  | -22.87      | -                   | -              | -                           | -              | 80             | 386         | V        |
| 3      | * 7.33353       | 36.2                 | PK-U | 35.5          | -27.4                | 44.3                       | -                  | -           | 74                  | -29.7          | -                           | -              | 194            | 265         | H        |
|        | * 7.33395       | 26.14                | ADR  | 35.5          | -27.4                | 34.24                      | 54                 | -19.76      | -                   | -              | -                           | -              | 194            | 265         | H        |
| 4      | * 11.89748      | 34.73                | PK-U | 38.6          | -22.7                | 50.63                      | -                  | -           | 74                  | -23.37         | -                           | -              | 242            | 168         | H        |
|        | * 11.89664      | 23.58                | ADR  | 38.6          | -22.7                | 39.48                      | 54                 | -14.52      | -                   | -              | -                           | -              | 242            | 168         | H        |
| 5      | * 7.32163       | 37.55                | PK-U | 35.5          | -27.3                | 45.75                      | -                  | -           | 74                  | -28.25         | -                           | -              | 84             | 210         | V        |
|        | * 7.32179       | 26.42                | ADR  | 35.5          | -27.3                | 34.62                      | 54                 | -19.38      | -                   | -              | -                           | -              | 84             | 210         | V        |
| 6      | * 11.9655       | 33.64                | PK-U | 38.6          | -22.5                | 49.74                      | -                  | -           | 74                  | -24.26         | -                           | -              | 176            | 164         | V        |
|        | * 11.96208      | 23.16                | ADR  | 38.6          | -22.5                | 39.26                      | 54                 | -14.74      | -                   | -              | -                           | -              | 176            | 164         | V        |

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

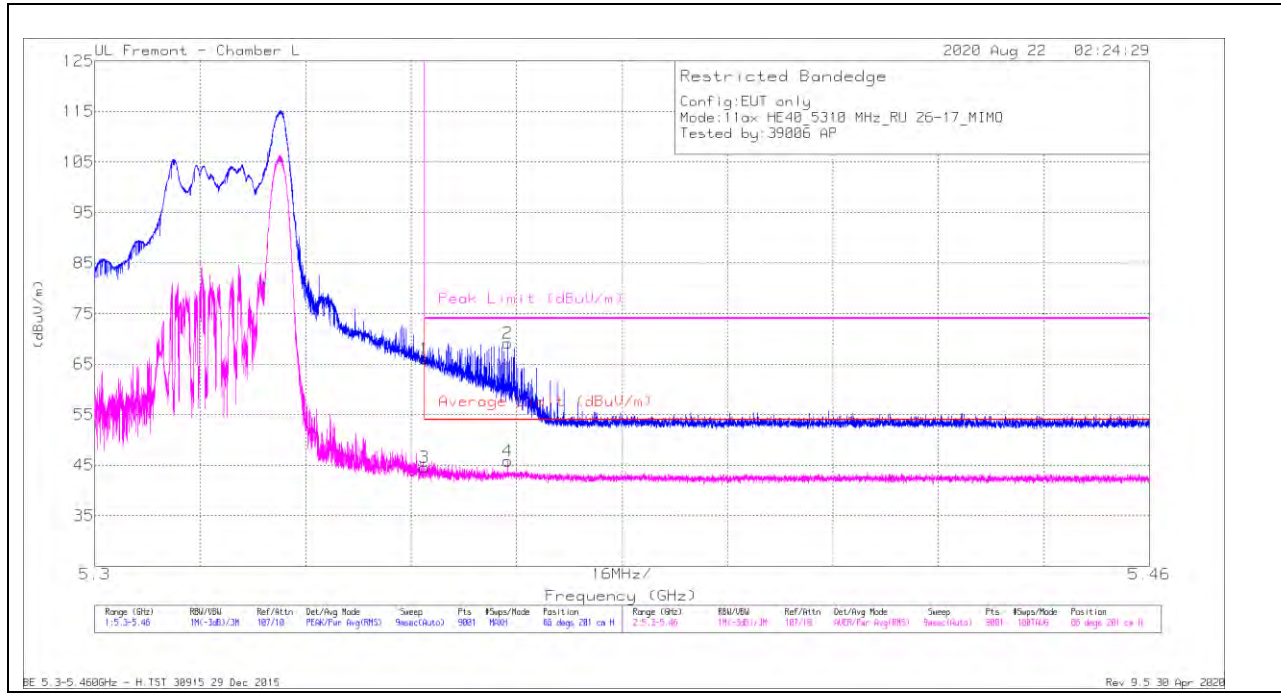
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX ANT 5 + ANT 6 OFDMA MODE – 26 Tones, RU Index 17**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



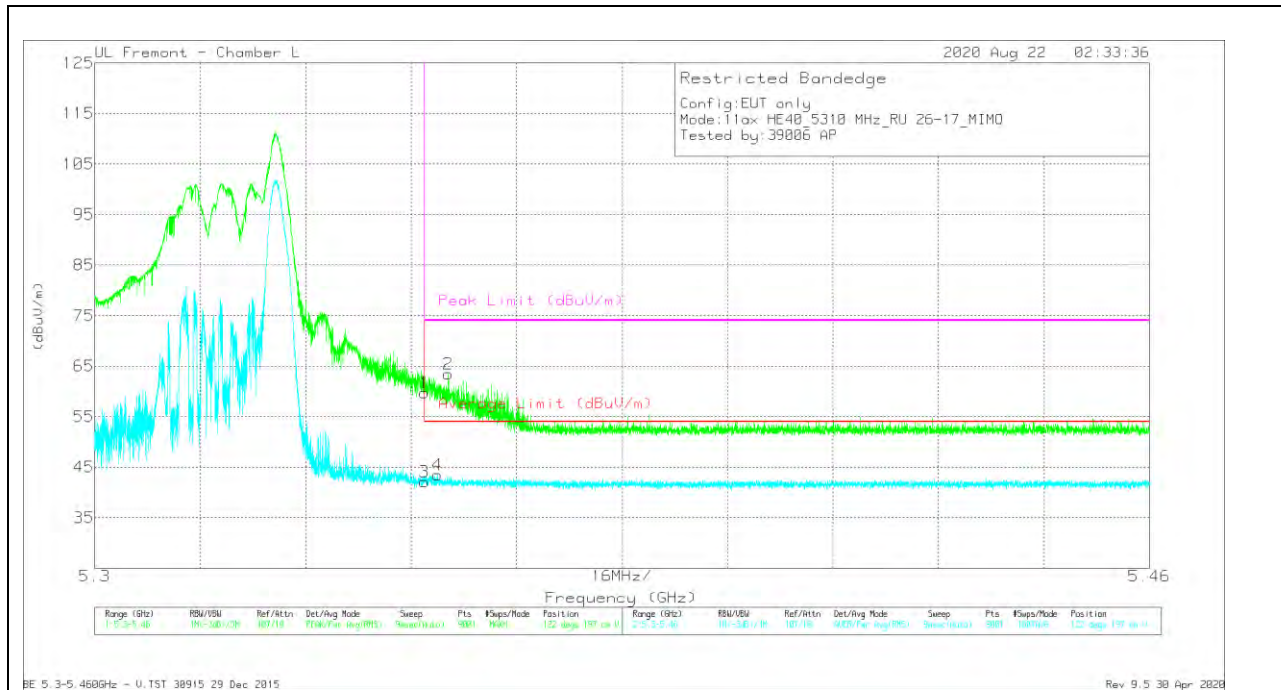
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 344 (dB/m) | Amp/CbI/Filtz/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Dogs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 48.69                | Pk  | 34.5          | -17.1                   | 66.09                      | -                      | -           | 74                  | -7.91          | 86             | 201         | H        |
| 2      | * 5.36267       | 51.61                | Pk  | 34.5          | -17                     | 69.11                      | -                      | -           | 74                  | -4.89          | 86             | 201         | H        |
| 3      | * 5.35001       | 27.13                | RMS | 34.5          | -17.1                   | 44.53                      | 54                     | -9.47       | -                   | -              | 86             | 201         | H        |
| 4      | * 5.36265       | 28.36                | RMS | 34.5          | -17                     | 45.86                      | 54                     | -8.14       | -                   | -              | 86             | 201         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 344 (dB/m) | Amp/Cb/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.29                | Pk  | 34.5          | -17.1                 | 59.69                      | -                      | -           | 74                  | -14.31         | 122            | 197         | V        |
| 2      | * 5.35365       | 46.03                | Pk  | 34.5          | -17.1                 | 63.43                      | -                      | -           | 74                  | -10.57         | 122            | 197         | V        |
| 3      | * 5.35001       | 24.65                | RMS | 34.5          | -17.1                 | 42.05                      | 54                     | -11.95      | -                   | -              | 122            | 197         | V        |
| 4      | * 5.35198       | 26.05                | RMS | 34.5          | -17.1                 | 43.45                      | 54                     | -10.55      | -                   | -              | 122            | 197         | V        |

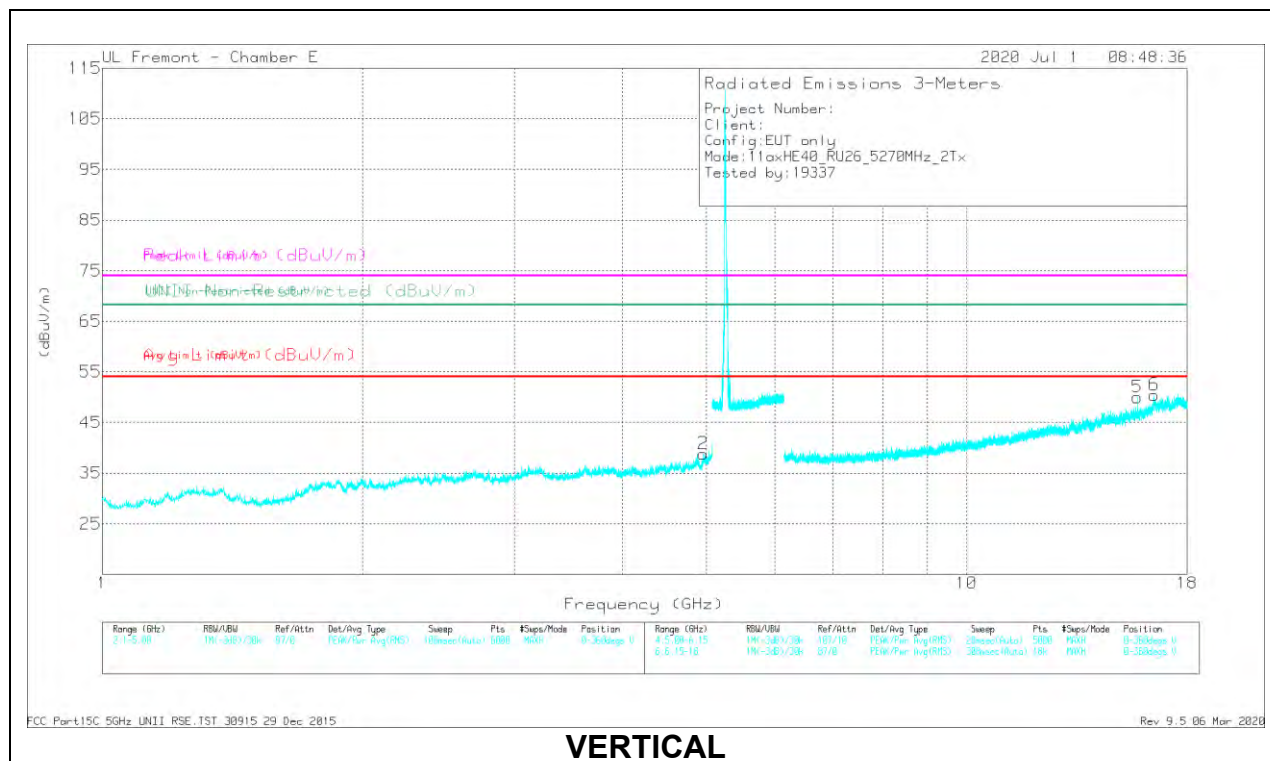
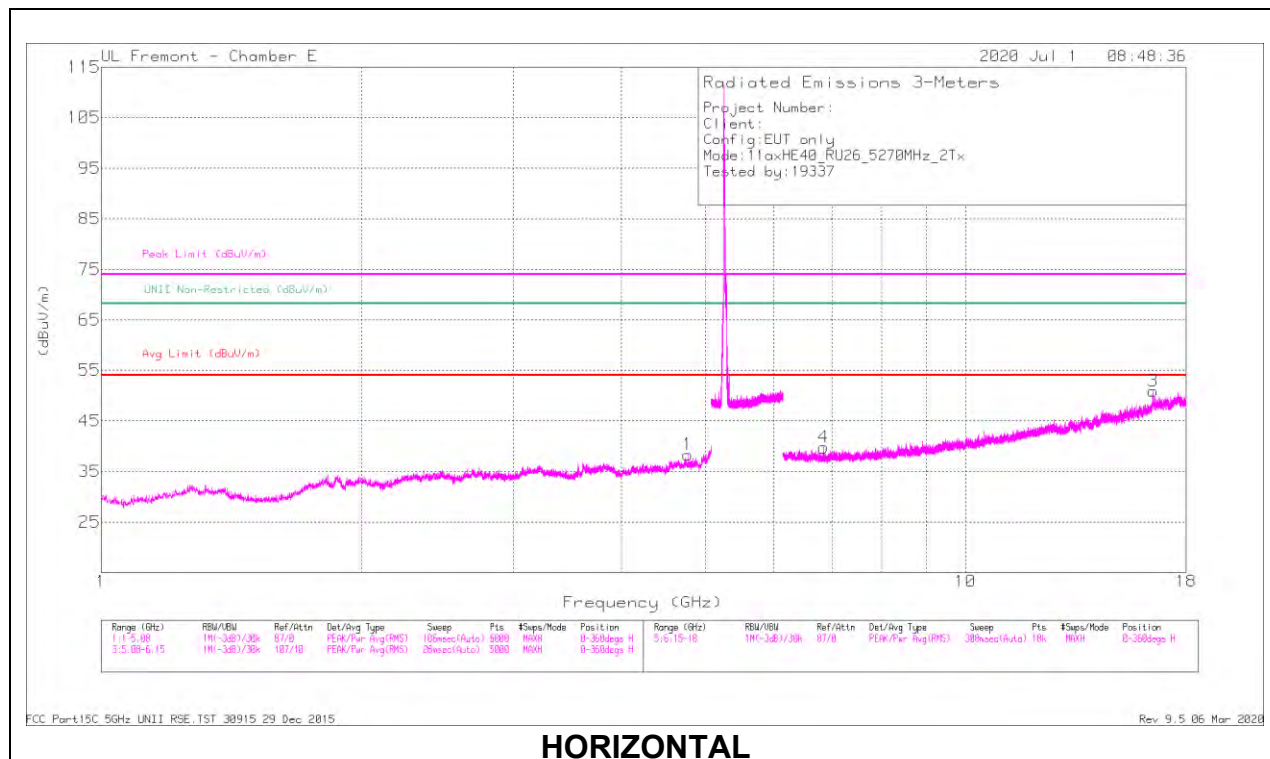
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## RADIATED EMISSIONS

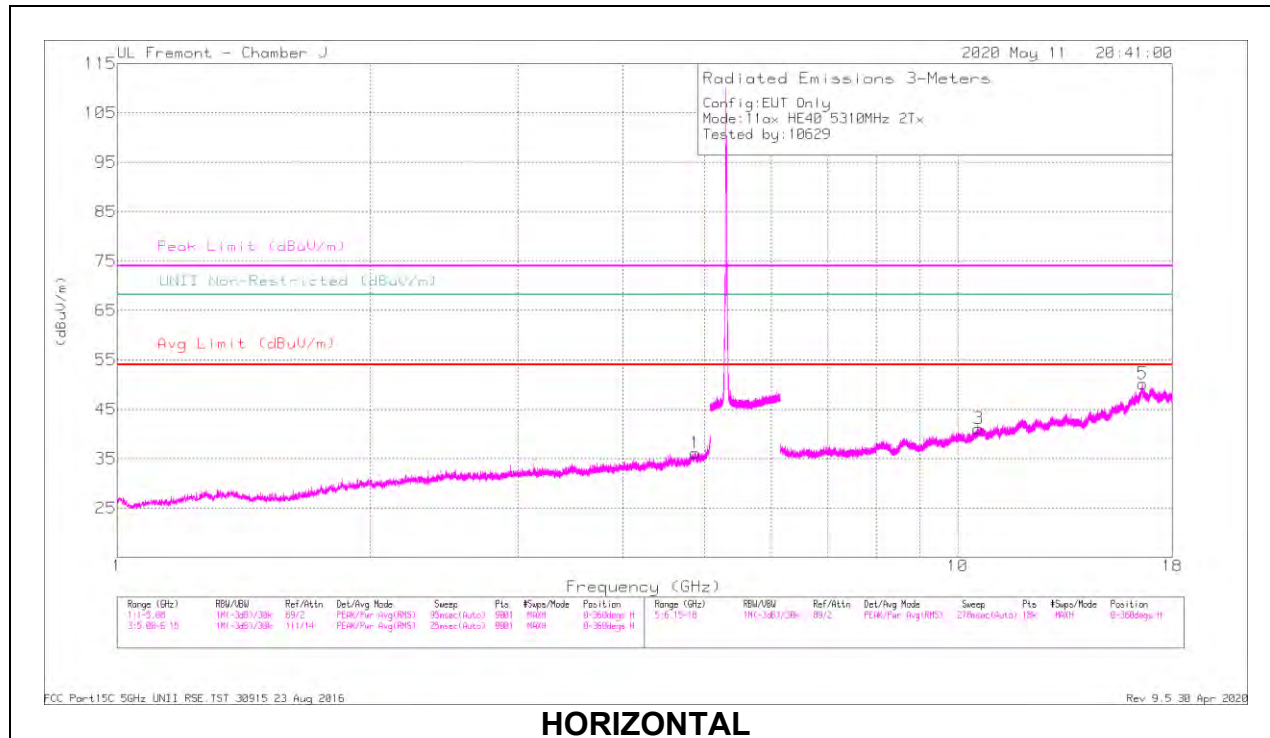
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T712 (dBm) | Amp/Cbfilt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|---------------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.77586       | 41.83                | PK-U | 34.2          | -31.4               | 44.63                      | -                  | -           | 74                  | -29.37         | -                           | -              | 80             | 265         | H        |
|        | * 4.77484       | 29.42                | ADR  | 34.2          | -31.4               | 32.22                      | 54                 | -21.78      | -                   | -              | -                           | -              | 80             | 265         | H        |
| 2      | * 4.95516       | 41.54                | PK-U | 34.1          | -30.5               | 45.14                      | -                  | -           | 74                  | -28.86         | -                           | -              | 79             | 143         | V        |
|        | * 4.95364       | 30.09                | ADR  | 34.1          | -30.5               | 33.69                      | 54                 | -20.31      | -                   | -              | -                           | -              | 79             | 143         | V        |
| 5      | * 15.75736      | 35.08                | PK-U | 40.2          | -21.2               | 54.08                      | -                  | -           | 74                  | -19.91         | -                           | -              | 106            | 203         | V        |
|        | * 15.75495      | 23.57                | ADR  | 40.2          | -21.3               | 42.47                      | 54                 | -11.53      | -                   | -              | -                           | -              | 106            | 203         | V        |
| 4      | 6.85038         | 38.82                | PK-U | 35.7          | -28.7               | 45.82                      | -                  | -           | -                   | -              | 68.2                        | -22.38         | 33             | 296         | H        |
|        | 6.85173         | 26.77                | ADR  | 35.7          | -28.7               | 33.77                      | -                  | -           | -                   | -              | -                           | -              | 33             | 296         | H        |
| 3      | 16.47462        | 22.94                | ADR  | 41.4          | -18.7               | 45.64                      | -                  | -           | -                   | -              | -                           | -              | 354            | 168         | H        |
|        | 16.47587        | 34.65                | PK-U | 41.4          | -18.7               | 57.35                      | -                  | -           | -                   | -              | 68.2                        | -10.85         | 354            | 168         | H        |
| 6      | 16.47671        | 34.54                | PK-U | 41.4          | -18.7               | 57.24                      | -                  | -           | -                   | -              | 68.2                        | -10.96         | 146            | 298         | V        |
|        | 16.4789         | 23.06                | ADR  | 41.4          | -18.7               | 45.76                      | -                  | -           | -                   | -              | -                           | -              | 146            | 298         | V        |

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

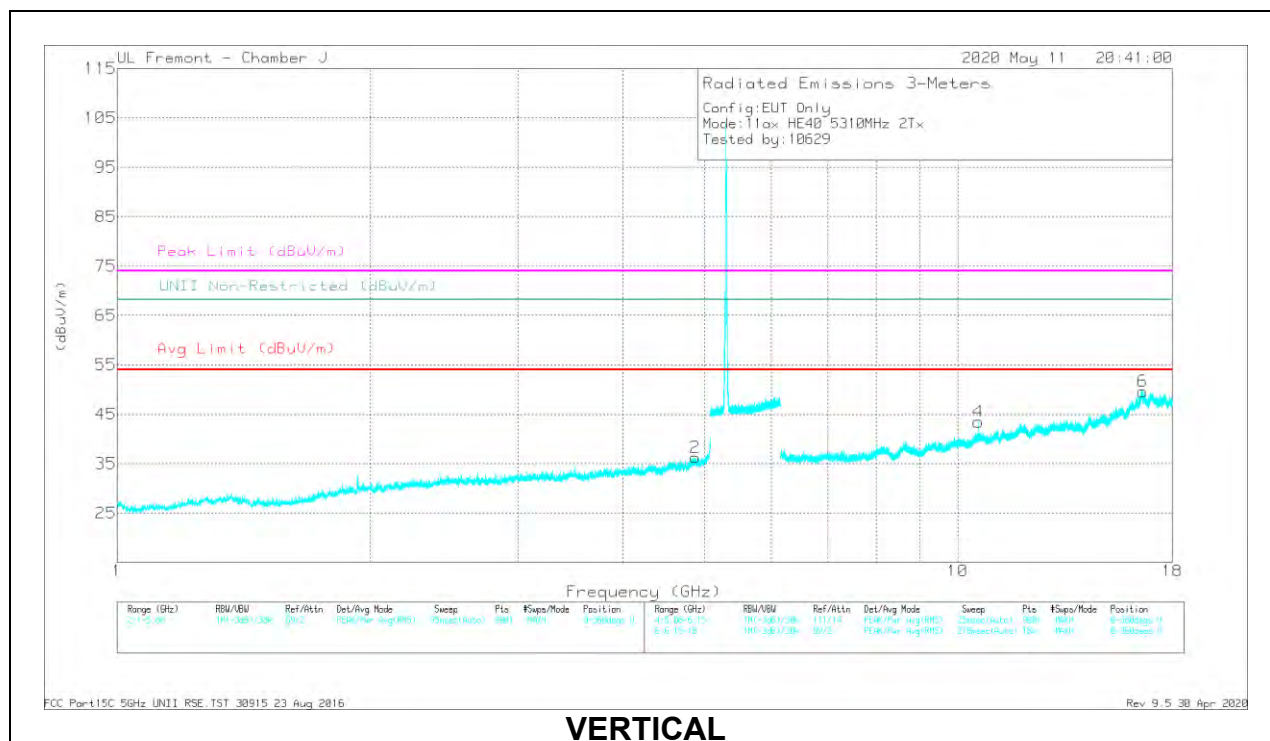
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T344 (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 (Degree) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|------------------|-------------|----------|
| 1      | * 4.87558       | 39.73                | PK-U | 34.2          | -29.7                | 44.23                      | -                  | -           | 74                  | -29.77         | -                            | -              | 131              | 168         | H        |
|        | * 4.87428       | 29.8                 | ADR  | 34.1          | -29.7                | 34.2                       | 54                 | -19.8       | -                   | -              | -                            | -              | 131              | 168         | H        |
| 2      | * 4.87345       | 39.71                | PK-U | 34.1          | -29.7                | 44.11                      | -                  | -           | 74                  | -29.89         | -                            | -              | 170              | 199         | V        |
|        | * 4.87693       | 29.66                | ADR  | 34.2          | -29.7                | 34.16                      | 54                 | -19.84      | -                   | -              | -                            | -              | 170              | 199         | V        |
| 3      | 10.58378        | 38.83                | PK-U | 37.9          | -24.8                | 51.93                      | -                  | -           | -                   | -              | 68.2                         | -16.27         | 228              | 101         | H        |
| 5      | 16.59585        | 33.89                | PK-U | 42.2          | -19                  | 57.09                      | -                  | -           | -                   | -              | 68.2                         | -11.11         | 87               | 179         | H        |
| 4      | 10.58429        | 39.75                | PK-U | 37.9          | -24.8                | 52.85                      | -                  | -           | -                   | -              | 68.2                         | -15.35         | 277              | 101         | V        |
| 6      | 16.59654        | 33.78                | PK-U | 42.1          | -19                  | 56.88                      | -                  | -           | -                   | -              | 68.2                         | -11.32         | 28               | 152         | V        |

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

PK-U - U-NII: Maximum Peak

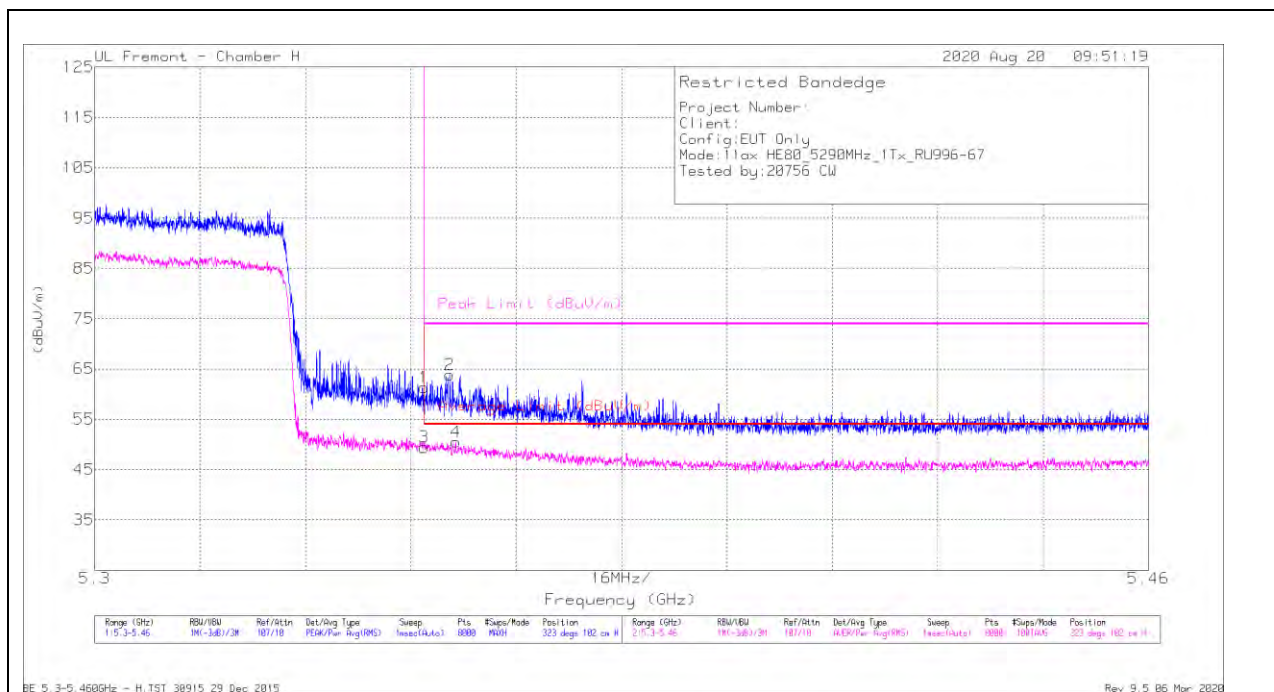
ADR - U-NII AD primary method, RMS average

## 1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3 GHz BAND

### 1TX ANT 5 – SU, RU Index 67

### BANDEDGE (MID CHANNEL)

### HORIZONTAL RESULT



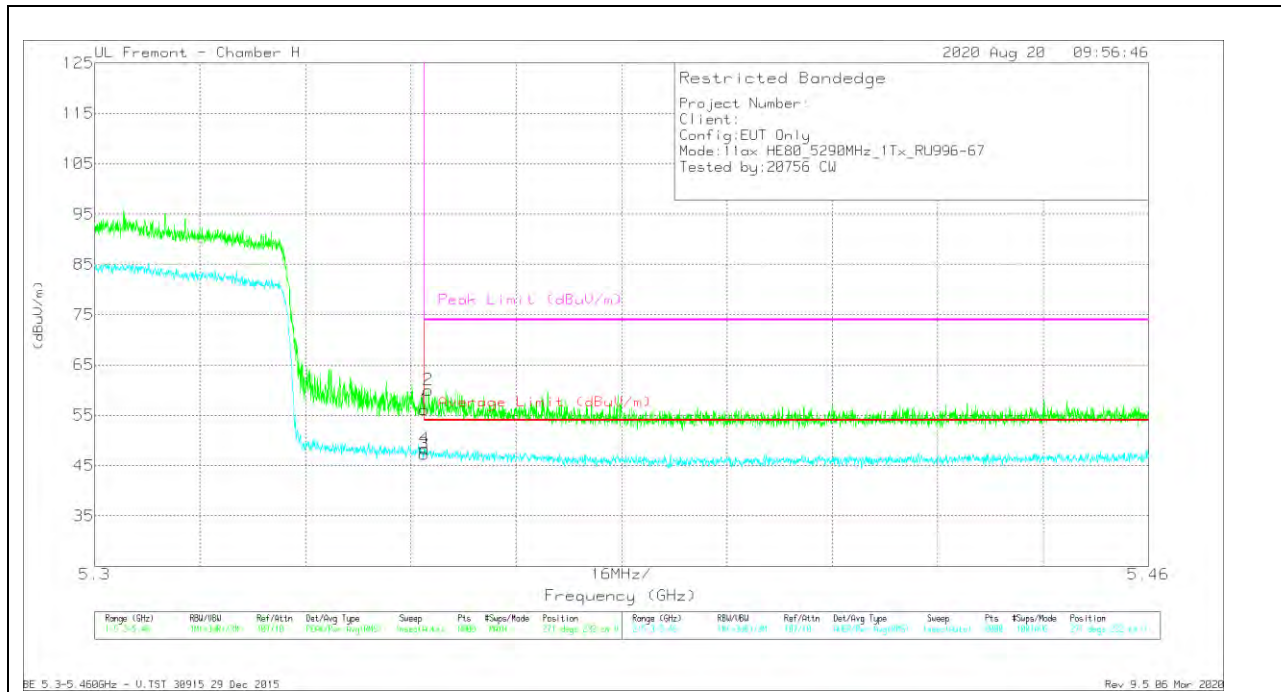
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 47.39                | Pk  | 34.9           | -20.9                   | 61.39                      | -                      | -           | 74                  | -12.61         | 323            | 102         | H        |
| 2      | * 5.35389       | 49.89                | Pk  | 34.9           | -21                     | 63.79                      | -                      | -           | 74                  | -10.21         | 323            | 102         | H        |
| 3      | * 5.35001       | 35.45                | RMS | 34.9           | -20.9                   | 49.45                      | 54                     | -4.55       | -                   | -              | 323            | 102         | H        |
| 4      | * 5.35483       | 36.54                | RMS | 34.9           | -20.9                   | 50.54                      | 54                     | -3.46       | -                   | -              | 323            | 102         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/CbI/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.09                | Pk  | 34.9           | -20.9                  | 56.09                      | -                      | -           | 74                  | -17.91         | 271            | 232         | V        |
| 2      | * 5.35069       | 46.04                | Pk  | 34.9           | -20.9                  | 60.04                      | -                      | -           | 74                  | -13.96         | 271            | 232         | V        |
| 3      | * 5.35001       | 33.33                | RMS | 34.9           | -20.9                  | 47.33                      | 54                     | -6.67       | -                   | -              | 271            | 232         | V        |
| 4      | * 5.35007       | 34.36                | RMS | 34.9           | -20.9                  | 48.36                      | 54                     | -5.64       | -                   | -              | 271            | 232         | V        |

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

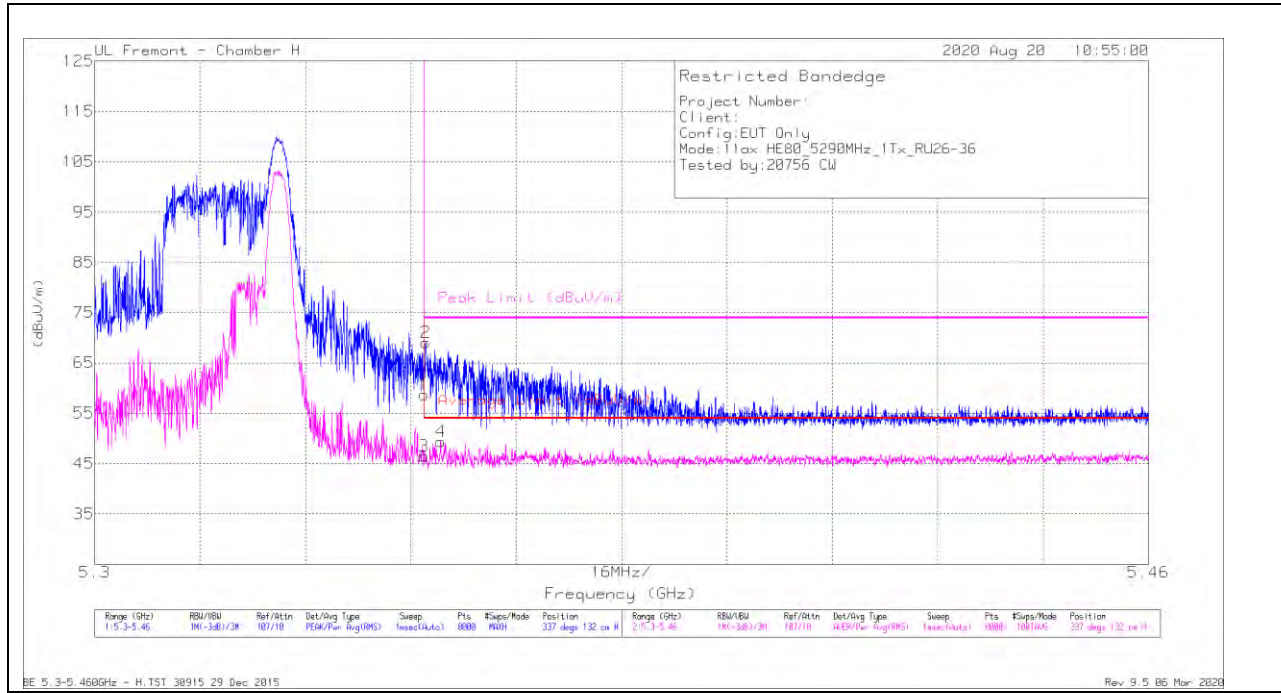
Pk - Peak detector

RMS - RMS detection

**1TX ANT 5 – 26 Tones, RU Index 36**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



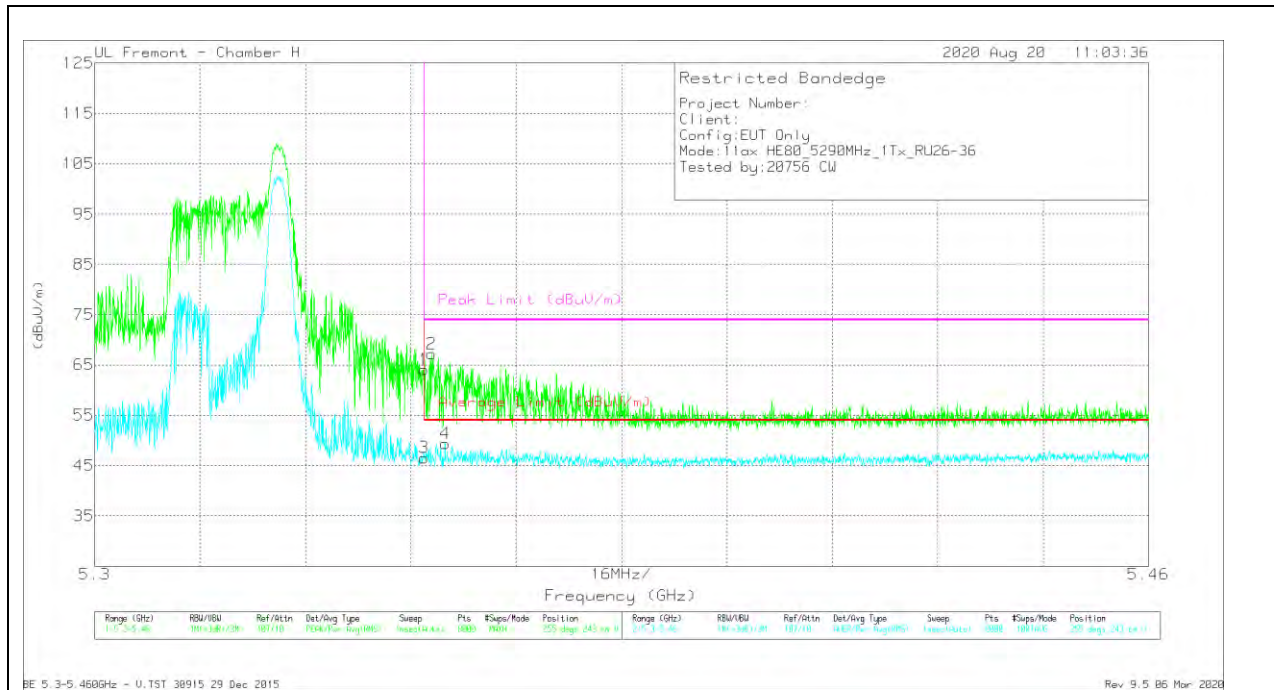
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Filtz/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.78                | Pk  | 34.9           | -20.9                  | 58.78                      | -                      | -           | 74                  | -15.22         | 337            | 132         | H        |
| 2      | * 5.35025       | 55.04                | Pk  | 34.9           | -20.9                  | 69.04                      | -                      | -           | 74                  | -4.96          | 337            | 132         | H        |
| 3      | * 5.35001       | 32.49                | RMS | 34.9           | -20.9                  | 46.49                      | 54                     | -7.51       | -                   | -              | 337            | 132         | H        |
| 4      | * 5.35253       | 35.47                | RMS | 34.9           | -21                    | 49.37                      | 54                     | -4.63       | -                   | -              | 337            | 132         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbll/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 50.09                | Pk  | 34.9           | -20.9                   | 64.09                      | -                      | -           | 74                  | -9.91          | 255            | 243         | V        |
| 2      | * 5.35115       | 53.24                | Pk  | 34.9           | -20.9                   | 67.24                      | -                      | -           | 74                  | -6.76          | 255            | 243         | V        |
| 3      | * 5.35001       | 32.58                | RMS | 34.9           | -20.9                   | 46.58                      | 54                     | -7.42       | -                   | -              | 255            | 243         | V        |
| 4      | * 5.35319       | 35.48                | RMS | 34.9           | -21                     | 49.38                      | 54                     | -4.62       | -                   | -              | 255            | 243         | V        |

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

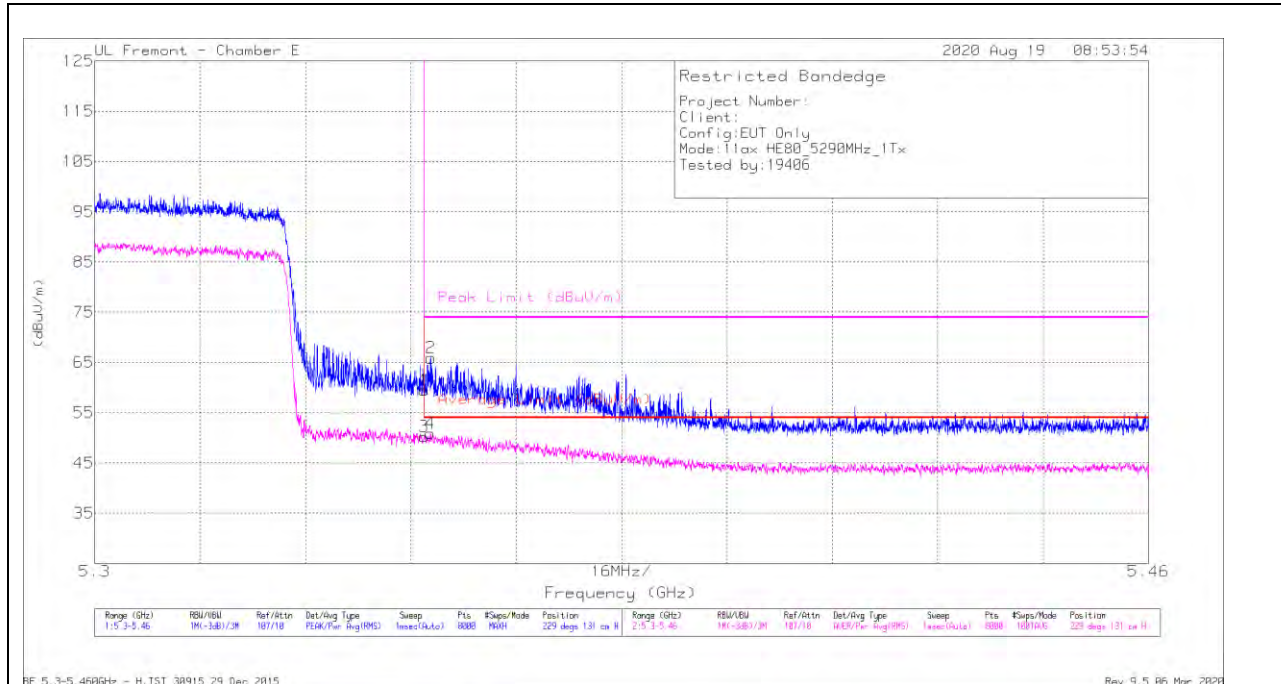
Pk - Peak detector

RMS - RMS detection

**1TX ANT 6 – SU, RU Index 67**

**BANDEDGE (MID CHANNEL)**

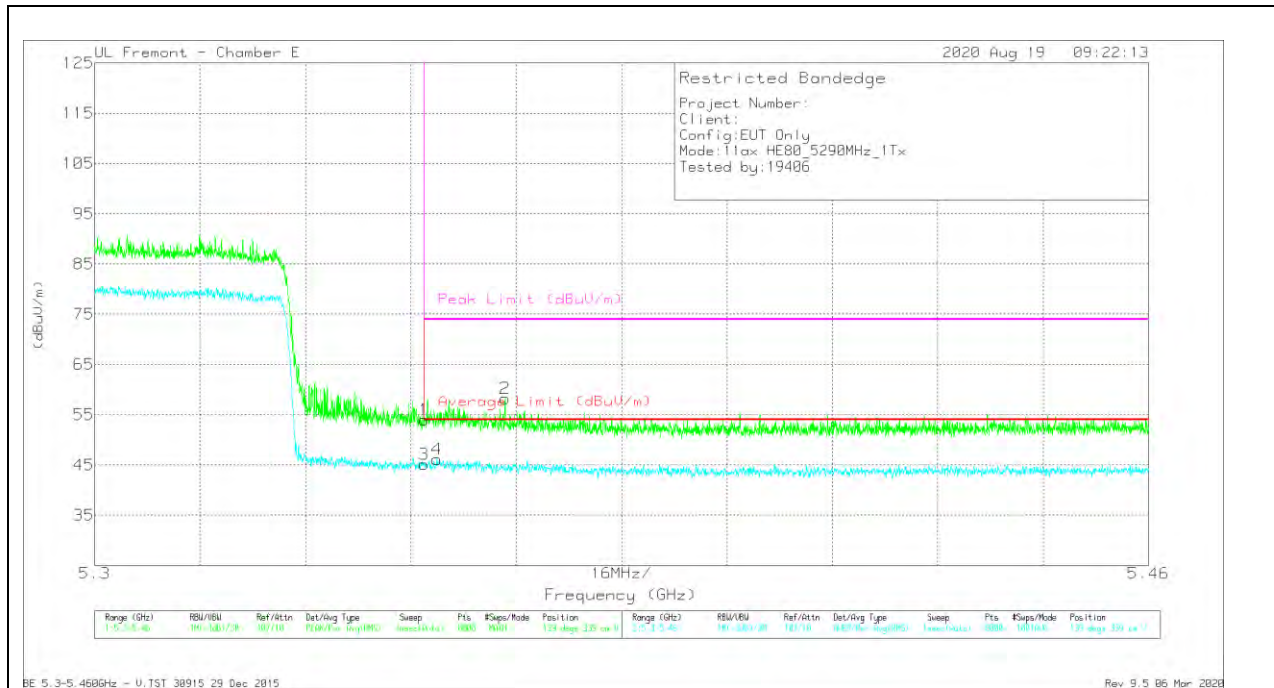
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 46.79                | Pk  | 34.5           | -21.8                 | 59.49                      | -                      | -           | 74                  | -14.51         | 229            | 131         | H        |
| 2      | * 5.35101       | 53.2                 | Pk  | 34.5           | -21.8                 | 65.9                       | -                      | -           | 74                  | -8.1           | 229            | 131         | H        |
| 3      | * 5.35001       | 37.55                | RMS | 34.5           | -21.8                 | 50.25                      | 54                     | -3.75       | -                   | -              | 229            | 131         | H        |
| 4      | * 5.35099       | 38.14                | RMS | 34.5           | -21.8                 | 50.84                      | 54                     | -3.16       | -                   | -              | 229            | 131         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 41.32                | Pk  | 34.5           | -21.8                  | 54.02                      | -                      | -           | 74                  | -19.98         | 139            | 339         | V        |
| 2      | * 5.36231       | 45.52                | Pk  | 34.5           | -21.8                  | 58.22                      | -                      | -           | 74                  | -15.78         | 139            | 339         | V        |
| 3      | * 5.35001       | 32.42                | RMS | 34.5           | -21.8                  | 45.12                      | 54                     | -8.88       | -                   | -              | 139            | 339         | V        |
| 4      | * 5.35195       | 33.31                | RMS | 34.5           | -21.7                  | 46.11                      | 54                     | -7.89       | -                   | -              | 139            | 339         | V        |

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

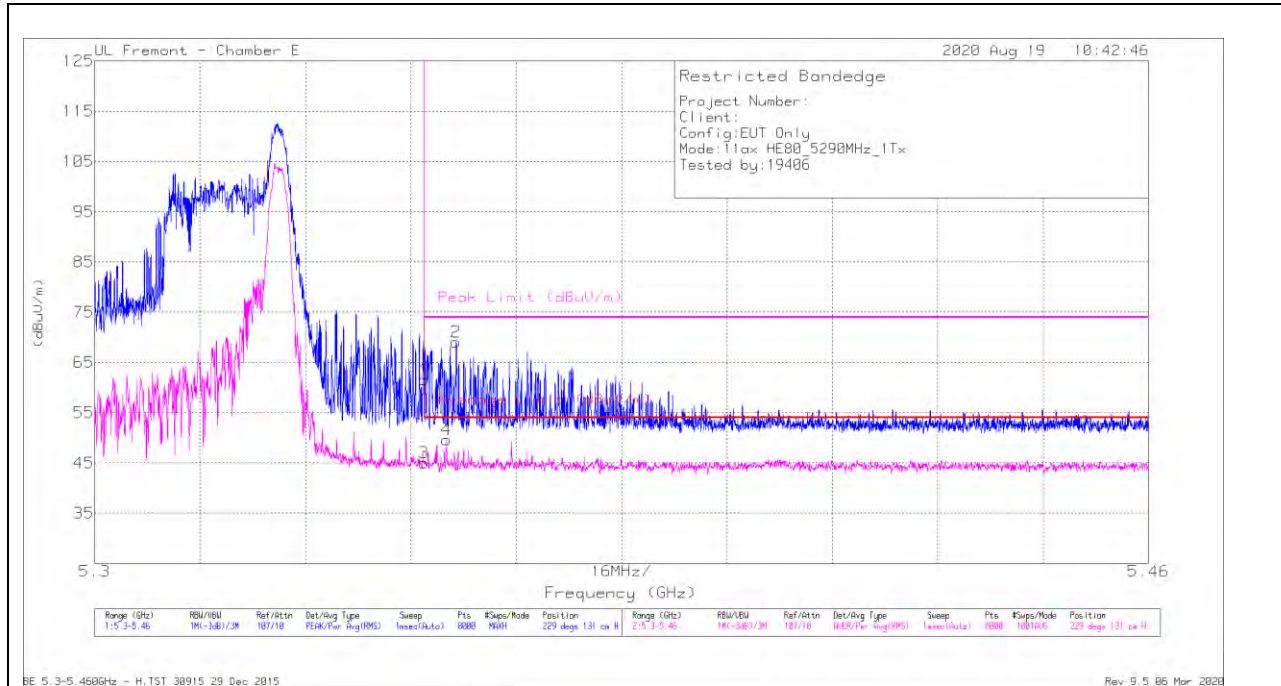
Pk - Peak detector

RMS - RMS detection

**1TX ANT 6 – 26 Tones, RU Index 36**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 48.95                | Pk  | 34.5           | -21.8                 | 61.65                      | -                      | -           | 74                  | -12.35         | 229            | 131         | H        |
| 2      | * 5.35489       | 56.29                | Pk  | 34.5           | -21.7                 | 69.09                      | -                      | -           | 74                  | -4.91          | 229            | 131         | H        |
| 3      | * 5.35001       | 32.35                | RMS | 34.5           | -21.8                 | 45.05                      | 54                     | -8.95       | -                   | -              | 229            | 131         | H        |
| 4      | * 5.35341       | 36.85                | RMS | 34.5           | -21.7                 | 49.65                      | 54                     | -4.35       | -                   | -              | 229            | 131         | H        |

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

2020 Aug 19 10:51:02

Restricted Bondage

Project Number:  
Client:  
Config: EUT Only  
Mode: 11ax HE80\_5290MHz\_1Tx  
Tested by: 19406

Peak Limit (dBμV/m)

Average Limit (dBμV/m)

16MHz/  
Frequency (GHz)

Range (GHz) 5.3-5.46 RBW/VBW 100/100 Ref/Att 10/10 Det/Avg Type Pk/Avg Sweep 1000/100 Pts 128 #Saps/Mode 128 Position 128 steps, 2.00 sec

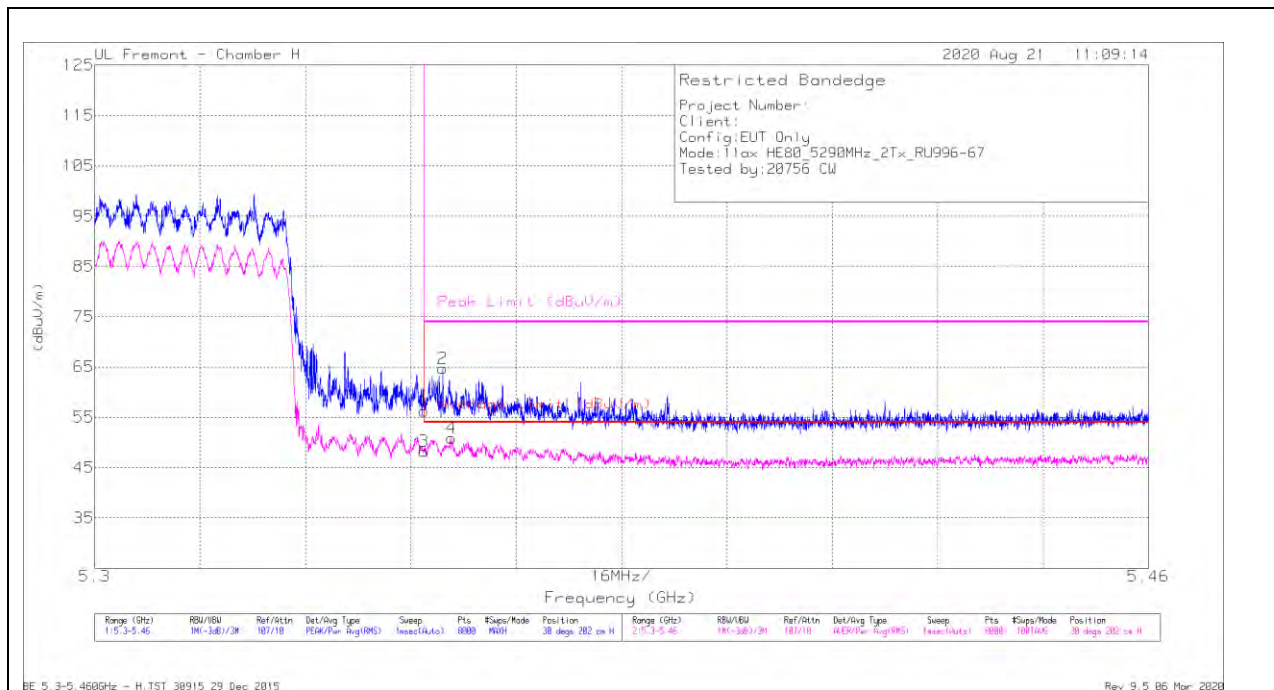
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cut/Filt/r/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 39.59                | Pk  | 34.5           | -21.8                    | 52.29                      | -                      | -           | 74                  | -21.71         | 139            | 339         | V        |
| 2      | * 5.35045       | 50.19                | Pk  | 34.5           | -21.8                    | 62.89                      | -                      | -           | 74                  | -11.11         | 139            | 339         | V        |
| 3      | * 5.35001       | 31.19                | RMS | 34.5           | -21.8                    | 43.89                      | 54                     | -10.11      | -                   | -              | 139            | 339         | V        |
| 4      | * 5.45574       | 32.68                | RMS | 34.6           | -21.7                    | 45.58                      | 54                     | -8.42       | -                   | -              | 139            | 339         | V        |

Pk - Peak detector  
RMS - RMS detection

**2TX ANT 5 + ANT 6 OFDMA MODE – SU, RU Index 67**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



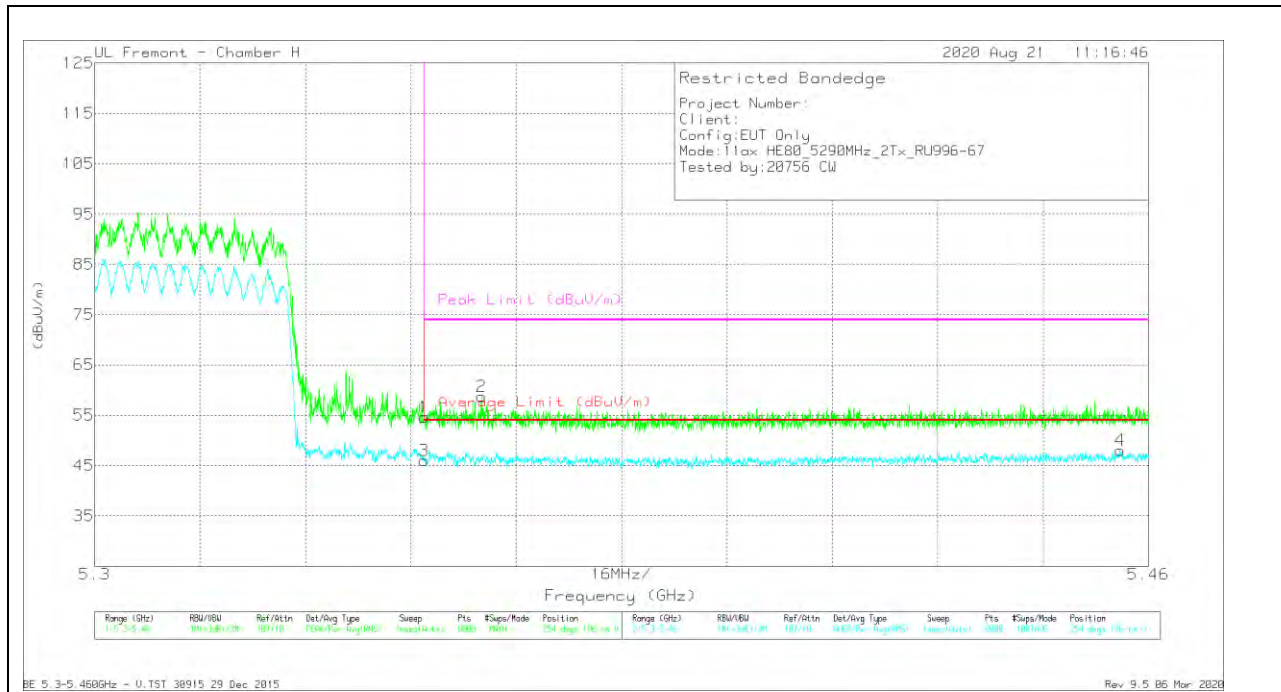
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/CbI/Filtz/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.2                 | Pk  | 34.9           | -20.9                   | 56.2                       | -                      | -           | 74                  | -17.8          | 30             | 202         | H        |
| 2      | * 5.35285       | 50.77                | Pk  | 34.9           | -21                     | 64.67                      | -                      | -           | 74                  | -9.33          | 30             | 202         | H        |
| 3      | * 5.35001       | 34.22                | RMS | 34.9           | -20.9                   | 48.22                      | 54                     | -5.78       | -                   | -              | 30             | 202         | H        |
| 4      | * 5.35419       | 36.95                | RMS | 34.9           | -21                     | 50.85                      | 54                     | -3.15       | -                   | -              | 30             | 202         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 40.67                | Pk  | 34.9           | -20.9                 | 54.67                      | -                      | -           | 74                  | -19.33         | 254            | 196         | V        |
| 2      | * 5.35873       | 44.7                 | Pk  | 34.9           | -20.9                 | 58.7                       | -                      | -           | 74                  | -15.3          | 254            | 196         | V        |
| 3      | * 5.35001       | 31.97                | RMS | 34.9           | -20.9                 | 45.97                      | 54                     | -8.03       | -                   | -              | 254            | 196         | V        |
| 4      | * 5.45568       | 33.67                | RMS | 35.3           | -20.9                 | 48.07                      | 54                     | -5.93       | -                   | -              | 254            | 196         | V        |

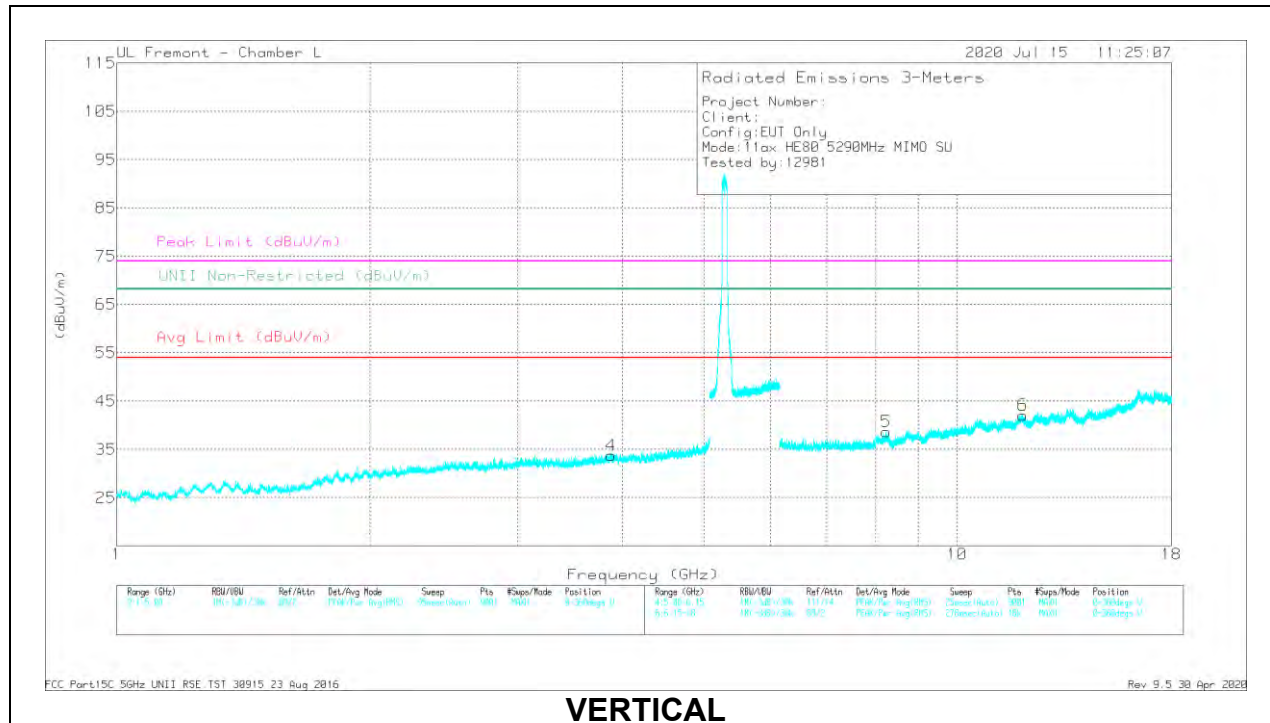
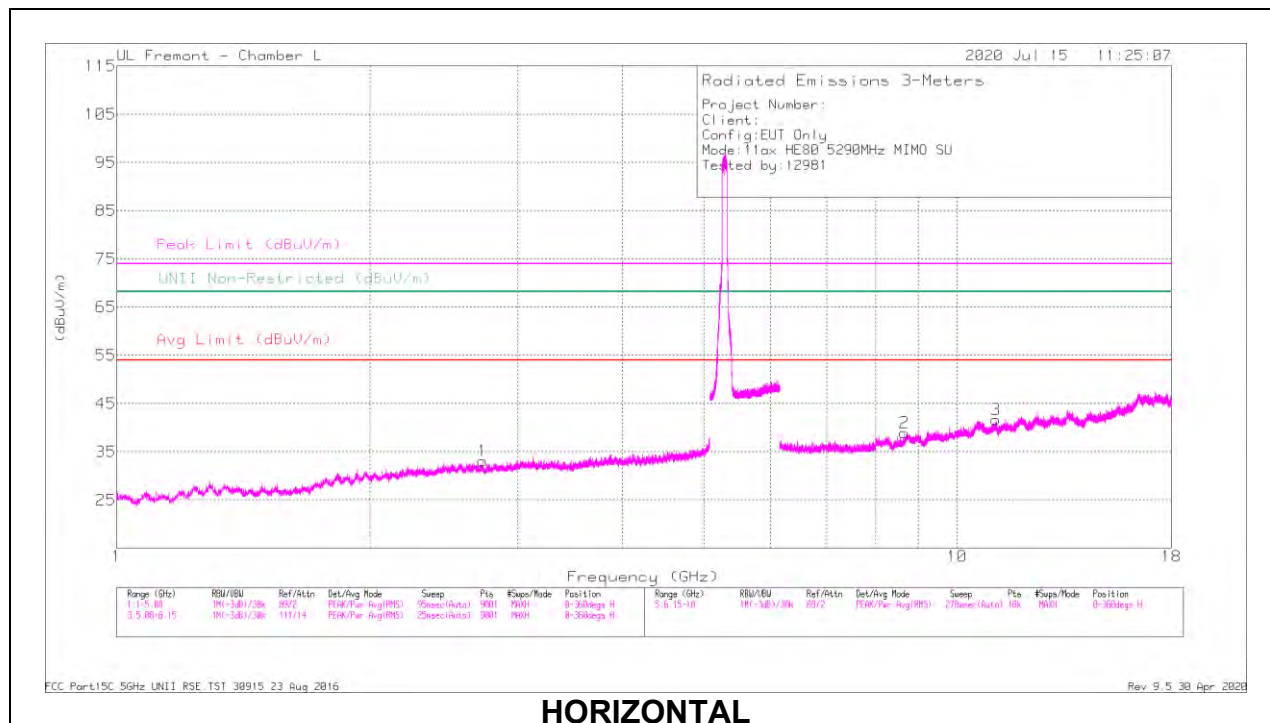
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



## RADIATED EMISSIONS

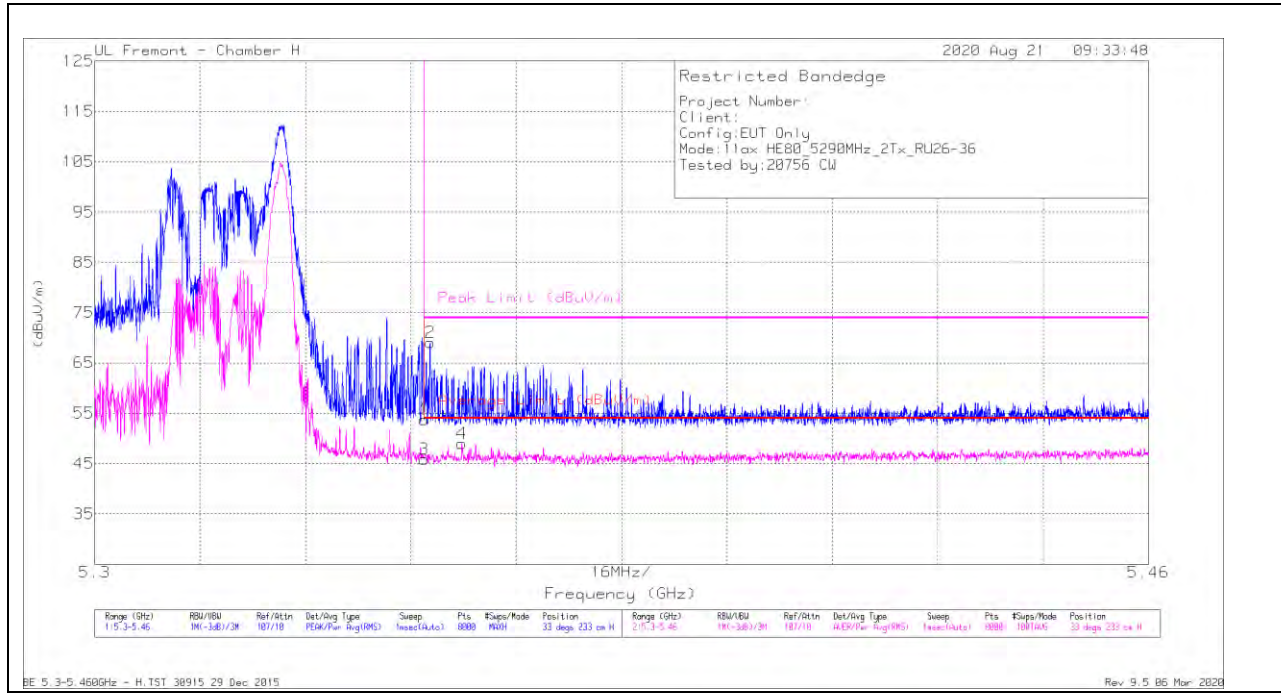
| Marker | Frequency (MHz) | Meas Reading (dBuV) | Det  | AF 344 (dBm) | Amp/Ctrl/Filt/Pwr (dB) | Corrected Reading (dBuV/m) | Ang Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|--------|-----------------|---------------------|------|--------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|-----------------|------------|----------|
| 1      | * 2.72671       | 38.2                | PK-U | 32.2         | -30.5                  | 39.9                       | -                  | -           | 74                  | -34.1          | -                           | -              | 167             | 110        | H        |
|        | * 2.72696       | 28.75               | ADR  | 32.2         | -30.5                  | 30.67                      | 54                 | -23.33      | -                   | -              | -                           | -              | 167             | 110        | H        |
| 4      | * 3.87693       | 36.62               | PK-U | 33.6         | -28.1                  | 42.12                      | -                  | -           | 74                  | -31.88         | -                           | -              | 114             | 119        | V        |
|        | * 3.87655       | 27.18               | ADR  | 33.5         | -28.1                  | 32.8                       | 54                 | -21.2       | -                   | -              | -                           | -              | 114             | 119        | V        |
| 2      | 8.66501         | 32.8                | PK-U | 36           | -21.9                  | 46.9                       | -                  | -           | -                   | -              | 68.2                        | -21.3          | 208             | 308        | H        |
|        | 8.66721         | 22.31               | ADR  | 36           | -21.9                  | 36.63                      | -                  | -           | -                   | -              | -                           | -              | 208             | 308        | H        |
| 3      | * 11.13456      | 30.2                | PK-U | 38           | -19.8                  | 48.4                       | -                  | -           | 74                  | -25.6          | -                           | -              | 249             | 162        | H        |
|        | * 11.13531      | 20.12               | ADR  | 38           | -19.8                  | 38.54                      | 54                 | -15.46      | -                   | -              | -                           | -              | 249             | 162        | H        |
| 5      | * 8.24276       | 31.6                | PK-U | 35.7         | -21.5                  | 45.8                       | -                  | -           | 74                  | -28.2          | -                           | -              | 63              | 141        | V        |
|        | * 8.24276       | 21.5                | ADR  | 35.7         | -21.5                  | 35.92                      | 54                 | -18.08      | -                   | -              | -                           | -              | 63              | 141        | V        |
| 6      | * 11.97696      | 30.96               | PK-U | 38.7         | -19.5                  | 50.16                      | -                  | -           | 74                  | -23.84         | -                           | -              | 301             | 333        | V        |
|        | * 11.97551      | 20.18               | ADR  | 38.7         | -19.5                  | 39.6                       | 54                 | -14.4       | -                   | -              | -                           | -              | 301             | 333        | 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 ANT 5 + ANT 6 OFDMA MODE – 26 Tones, RU Index 36**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



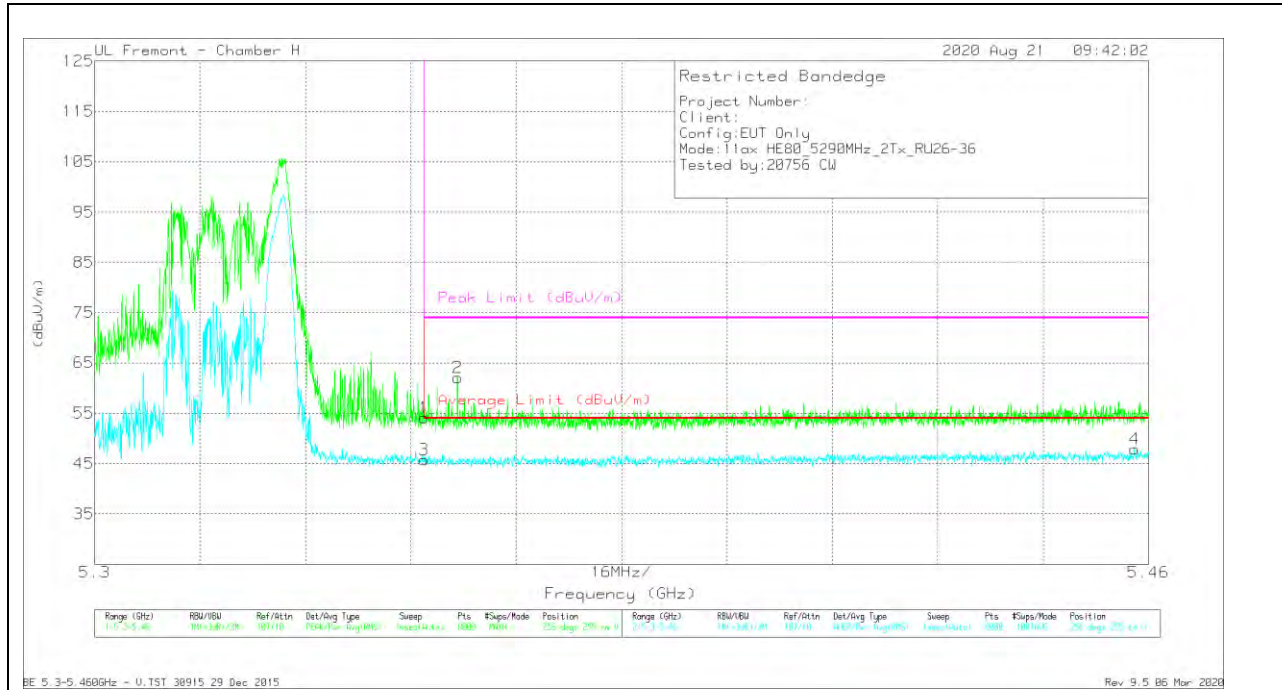
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Filtz/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 39.75                | Pk  | 34.9           | -20.9                  | 53.75                      | -                      | -           | 74                  | -20.25         | 33             | 233         | H        |
| 2      | * 5.35091       | 55.09                | Pk  | 34.9           | -20.9                  | 69.09                      | -                      | -           | 74                  | -4.91          | 33             | 233         | H        |
| 3      | * 5.35001       | 31.85                | RMS | 34.9           | -20.9                  | 45.85                      | 54                     | -8.15       | -                   | -              | 33             | 233         | H        |
| 4      | * 5.35575       | 35.05                | RMS | 34.9           | -20.9                  | 49.05                      | 54                     | -4.95       | -                   | -              | 33             | 233         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Ftr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 40.1                 | Pk  | 34.9           | -20.9                 | 54.1                       | -                      | -           | 74                  | -19.9          | 256            | 255         | V        |
| 2      | * 5.35509       | 48.08                | Pk  | 34.9           | -20.9                 | 62.08                      | -                      | -           | 74                  | -11.92         | 256            | 255         | V        |
| 3      | * 5.35001       | 31.77                | RMS | 34.9           | -20.9                 | 45.77                      | 54                     | -8.23       | -                   | -              | 256            | 255         | V        |
| 4      | * 5.45786       | 33.45                | RMS | 35.3           | -20.9                 | 47.85                      | 54                     | -6.15       | -                   | -              | 256            | 255         | V        |

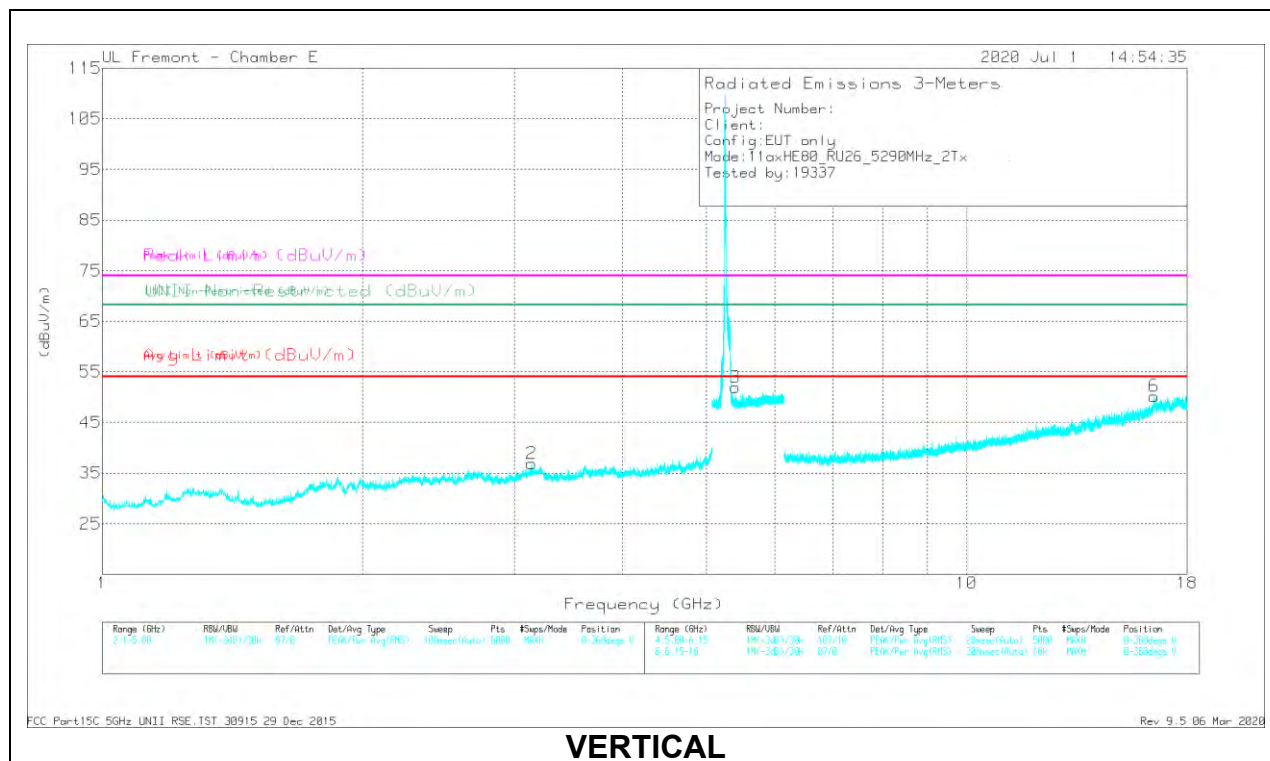
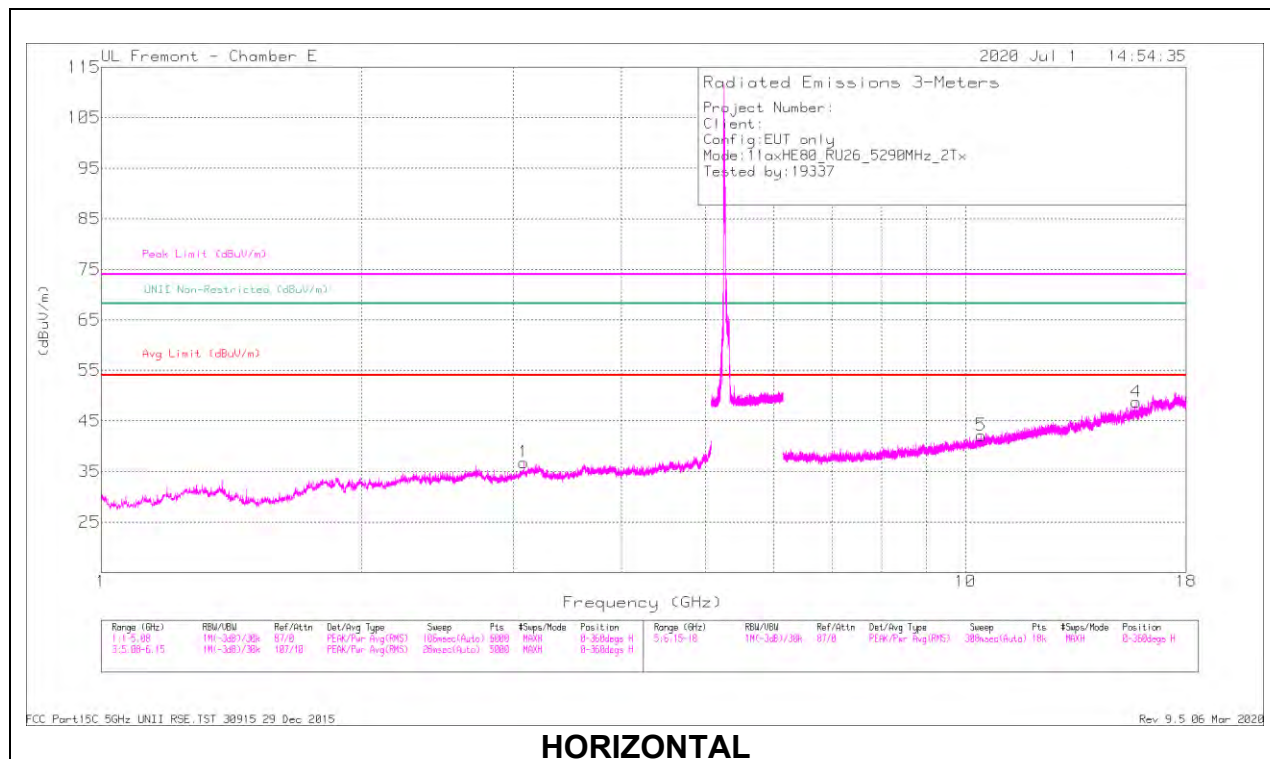
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



## RADIATED EMISSIONS

| Frequency (GHz) | Meter Reading (dBu) | Det  | AF T712 (dBm) | Amp/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNE Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|---------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| * 5.40203       | 43.37               | PK-U | 34.5          | -21.8                 | 56.07                      | -                  | -           | 74                  | -17.93         | -                           | -              | 152            | 202         | V        |
| * 5.40232       | 31.3                | ADR  | 34.5          | -21.7                 | 44.1                       | 54                 | -9.9        | -                   | -              | -                           | -              | 152            | 202         | V        |
| * 15.7565       | 35.4                | PK-U | 40.2          | -21.3                 | 54.3                       | -                  | -           | 74                  | -19.7          | -                           | -              | 337            | 358         | H        |
| * 15.75348      | 23.68               | ADR  | 40.2          | -21.3                 | 42.58                      | -                  | -           | -                   | -              | -                           | -              | 337            | 358         | H        |
| 3.08199         | 45.26               | PK-U | 33.1          | -35.3                 | 43.06                      | -                  | -11.42      | -                   | -              | 68.2                        | -25.14         | 74             | 297         | H        |
| 3.08236         | 33.28               | ADR  | 33.1          | -35.3                 | 31.08                      | -                  | -           | -                   | -              | -                           | -              | 74             | 297         | H        |
| 3.13697         | 33.33               | ADR  | 33            | -35.1                 | 31.23                      | -                  | -           | -                   | -              | -                           | -              | 167            | 228         | V        |
| 3.14064         | 45.3                | PK-U | 32.9          | -35.1                 | 43.1                       | -                  | -           | -                   | -              | 68.2                        | -25.1          | 167            | 228         | V        |
| 10.42617        | 25.58               | ADR  | 37.4          | -26.3                 | 36.68                      | -                  | -           | -                   | -              | -                           | -              | 168            | 101         | H        |
| 10.42984        | 37.19               | PK-U | 37.4          | -26.2                 | 48.39                      | -                  | -           | -                   | -              | 68.2                        | -19.81         | 168            | 101         | H        |
| 16.48944        | 35.59               | PK-U | 41.4          | -19.2                 | 57.79                      | -                  | -           | -                   | -              | 68.2                        | -10.41         | 29             | 105         | V        |
| 16.48982        | 23                  | ADR  | 41.4          | -19.3                 | 45.1                       | -                  | -           | -                   | -              | -                           | -              | 29             | 105         | V        |

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

PK-U - U-NII: Maximum Peak

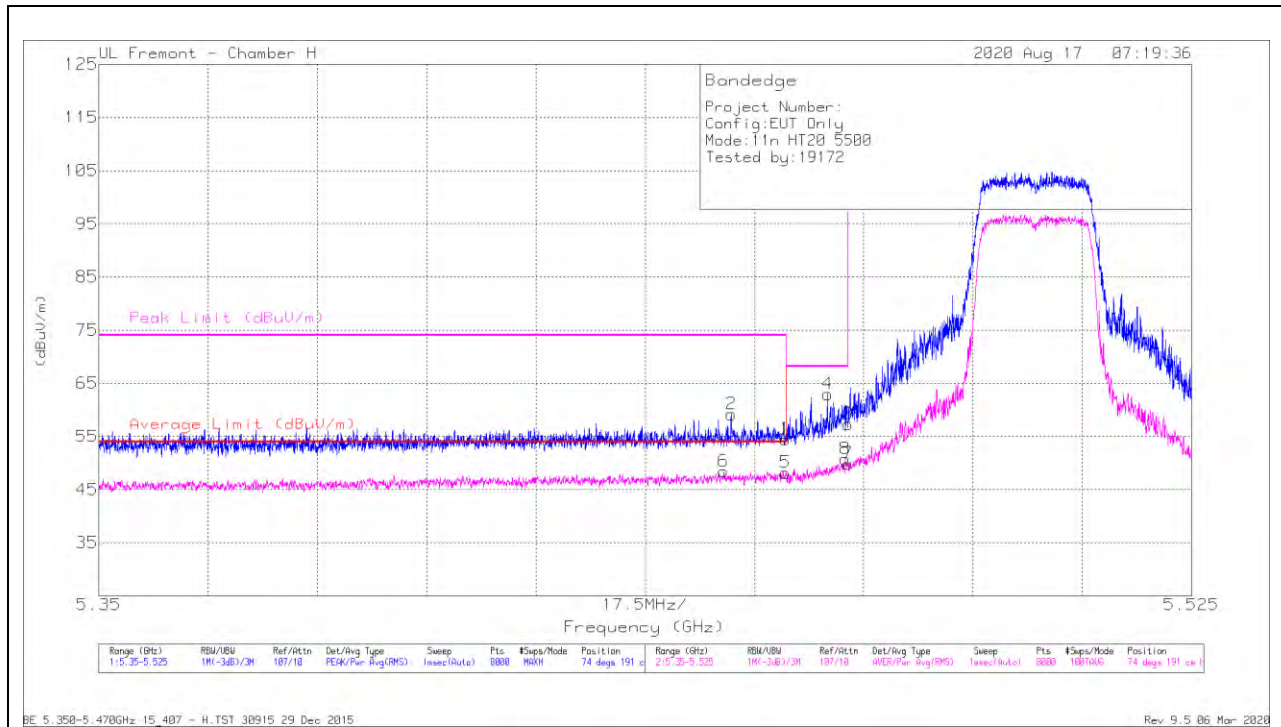
ADR - U-NII AD primary method, RMS average

### 1.1.13. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

#### 1TX ANT 5

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



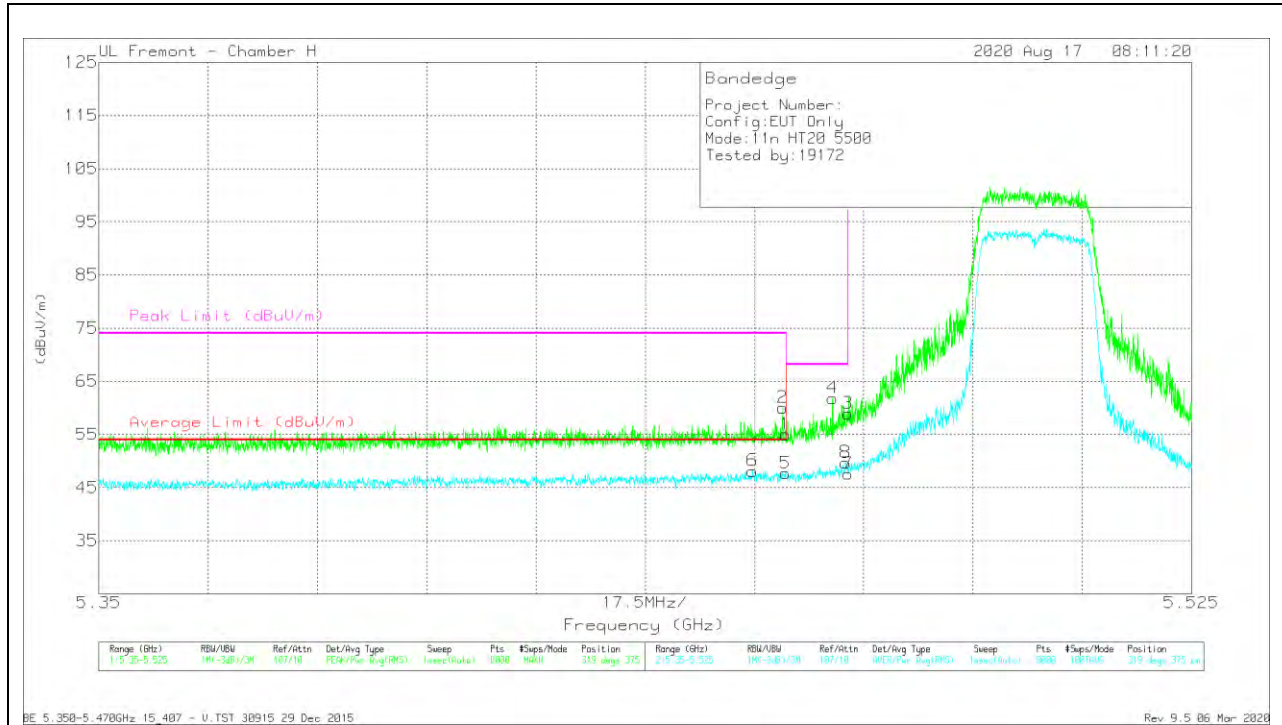
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Cal/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 40.19                | Pk  | 35.2          | -20.9                 | 0            | 54.49                      | -                      | -           | 74                  | -19.51         | 74              | 191         | H        |
| 2      | * 5.45127       | 44.87                | Pk  | 35.2          | -20.9                 | 0            | 59.17                      | -                      | -           | 74                  | -14.83         | 74              | 191         | H        |
| 5      | * 5.45998       | 33.49                | RMS | 35.2          | -20.9                 | -37          | 48.16                      | 54                     | -5.84       | -                   | -              | 74              | 191         | H        |
| 6      | * 5.45007       | 33.77                | RMS | 35.1          | -20.8                 | -37          | 48.44                      | 54                     | -5.56       | -                   | -              | 74              | 191         | H        |
| 4      | 5.4667          | 48.66                | Pk  | 35.2          | -20.9                 | 0            | 62.96                      | -                      | -           | 68.2                | -5.24          | 74              | 191         | H        |
| 8      | 5.46956         | 36.08                | RMS | 35.3          | -21                   | -37          | 50.75                      | -                      | -           | -                   | -              | 74              | 191         | H        |
| 3      | 5.46998         | 43.02                | Pk  | 35.3          | -21                   | 0            | 57.32                      | -                      | -           | 68.2                | -10.88         | 74              | 191         | H        |
| 7      | 5.46998         | 35.17                | RMS | 35.3          | -21                   | -37          | 49.84                      | -                      | -           | -                   | -              | 74              | 191         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cb/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.7                 | PK  | 35.2          | -20.9                | 0            | 55                         | -                      | -           | 74                  | -19            | 319            | 375         | V        |
| 2      | * 5.45998       | 45.73                | PK  | 35.2          | -20.9                | 0            | 60.03                      | -                      | -           | 74                  | -13.97         | 319            | 375         | V        |
| 5      | * 5.45998       | 33.06                | RMS | 35.2          | -20.9                | -37          | 47.73                      | 54                     | -6.27       | -                   | -              | 319            | 375         | V        |
| 6      | * 5.45469       | 33.38                | RMS | 35.3          | -20.9                | -37          | 48.15                      | 54                     | -5.85       | -                   | -              | 319            | 375         | V        |
| 4      | 5.46751         | 47.44                | PK  | 35.3          | -20.9                | 0            | 61.84                      | -                      | -           | 68.2                | -6.36          | 319            | 375         | V        |
| 8      | 5.46959         | 35.03                | RMS | 35.3          | -21                  | -37          | 49.70                      | -                      | -           | -                   | -              | 319            | 375         | V        |
| 3      | 5.46998         | 44.63                | PK  | 35.3          | -21                  | 0            | 58.93                      | -                      | -           | 68.2                | -9.27          | 319            | 375         | V        |
| 7      | 5.46998         | 32.93                | RMS | 35.3          | -21                  | -37          | 47.60                      | -                      | -           | -                   | -              | 319            | 375         | V        |

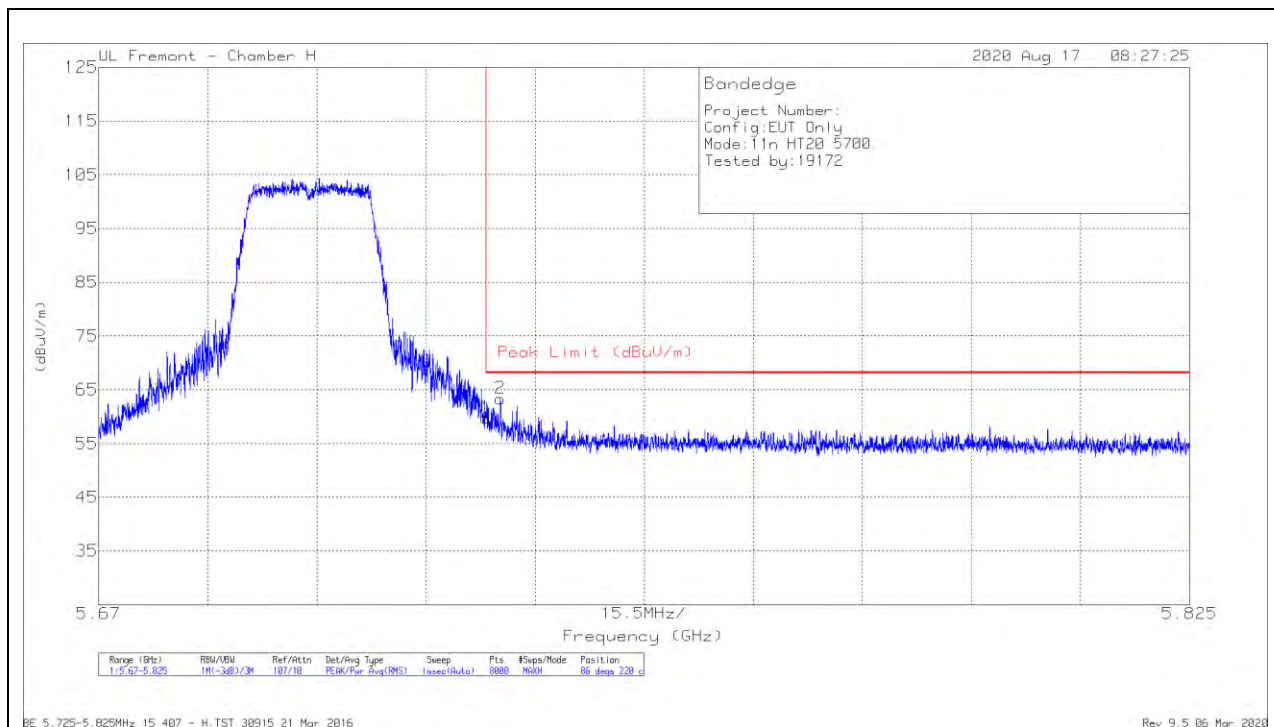
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL)

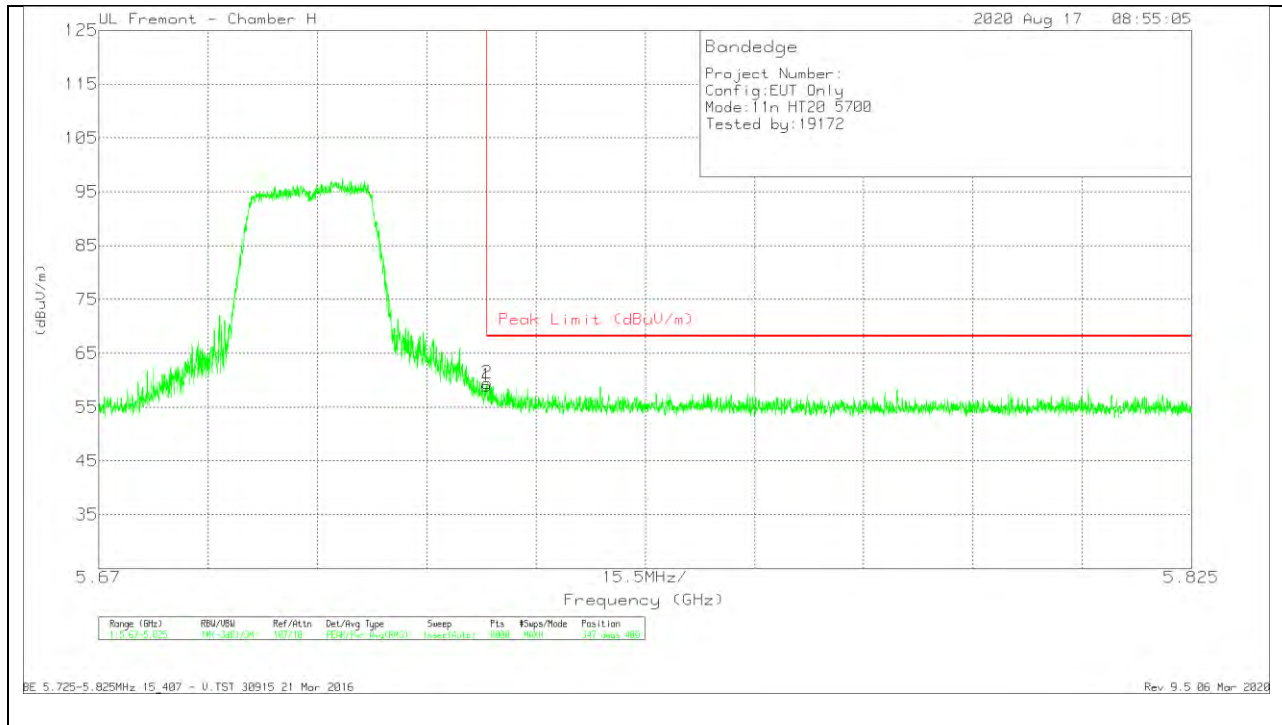
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 45.91                | Pk  | 35             | -21.1                   | 0            | 59.81                      | 68.2                | -8.39          | 86             | 220         | H        |
| 2      | 5.72707         | 49.56                | Pk  | 34.9           | -21.1                   | 0            | 63.36                      | 68.2                | -4.84          | 86             | 220         | H        |

Pk - Peak detector

## VERTICAL RESULT



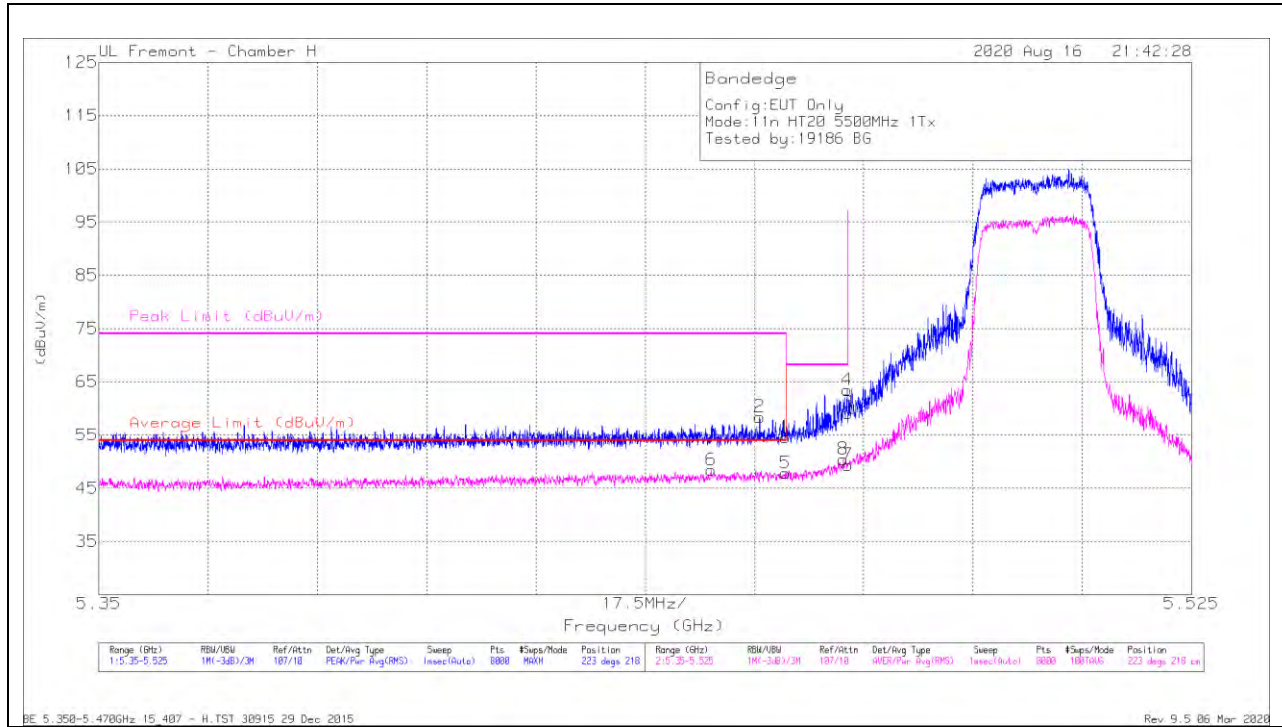
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 45.09                | Pk  | 35             | -21.1                 | 0            | 58.99                      | 68.2                | -9.21          | 347            | 400         | V        |
| 2      | 5.72507         | 45.58                | Pk  | 35             | -21.1                 | 0            | 59.48                      | 68.2                | -8.72          | 347            | 400         | V        |

Pk - Peak detector

**1TX ANT 6**

**BANDEDGE (LOW CHANNEL)**

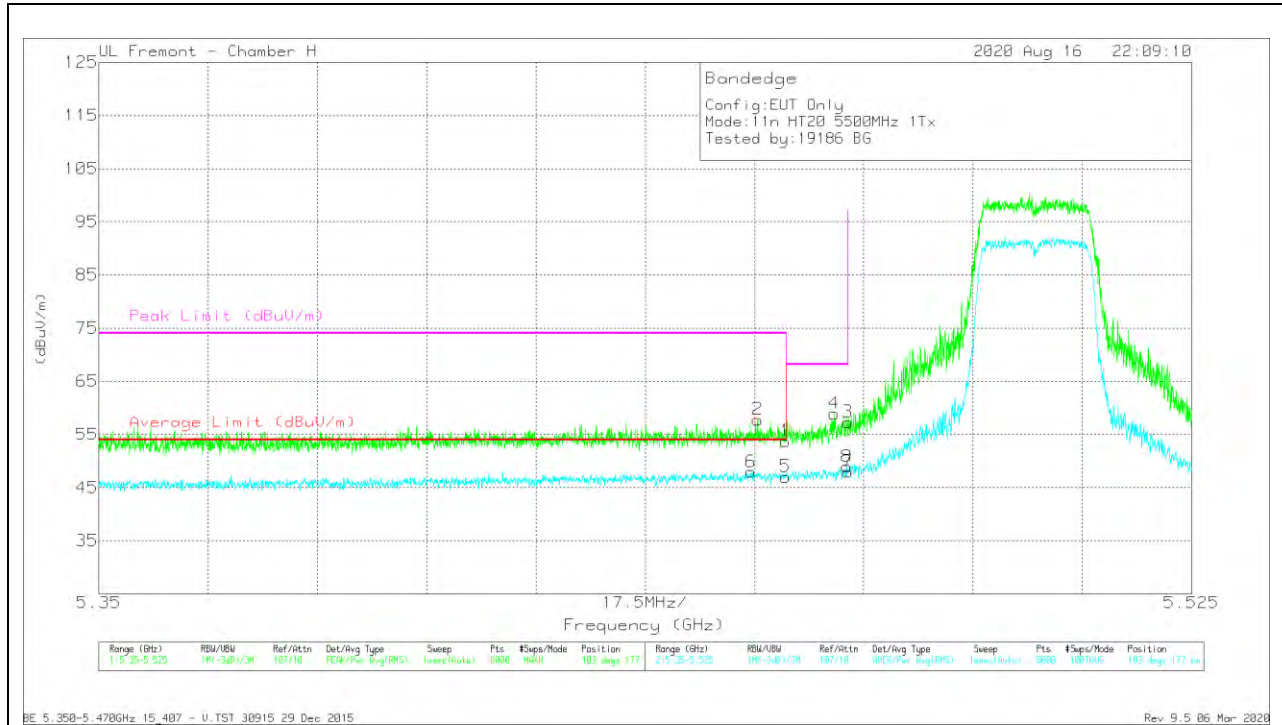
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/CBI/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.3                 | Pk  | 35.2          | -20.9                | 0            | 54.6                       | -                      | -           | 74                  | -19.4          | 223            | 218         | H        |
| 2      | * 5.45582       | 44                   | Pk  | 35.3          | -20.9                | 0            | 58.4                       | -                      | -           | 74                  | -15.6          | 223            | 218         | H        |
| 5      | * 5.45998       | 33.16                | RMS | 35.2          | -20.9                | -37          | 47.83                      | 54                     | -6.17       | -                   | -              | 223            | 218         | H        |
| 6      | * 5.44806       | 33.78                | RMS | 35.1          | -20.8                | -37          | 48.45                      | 54                     | -5.55       | -                   | -              | 223            | 218         | H        |
| 8      | 5.46921         | 35.78                | RMS | 35.3          | -21                  | -37          | 50.45                      | -                      | -           | -                   | -              | 223            | 218         | H        |
| 4      | 5.46983         | 49.18                | Pk  | 35.3          | -21                  | 0            | 63.48                      | -                      | -           | 68.2                | -4.72          | 223            | 218         | H        |
| 3      | 5.46998         | 44.86                | Pk  | 35.3          | -21                  | 0            | 59.16                      | -                      | -           | 68.2                | -9.04          | 223            | 218         | H        |
| 7      | 5.46998         | 34.71                | RMS | 35.3          | -21                  | -37          | 49.38                      | -                      | -           | -                   | -              | 223            | 218         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cb/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 39.42                | PK  | 35.2          | -20.9                | 0            | 53.72                      | -                      | -           | 74                  | -20.28         | 103            | 177         | V        |
| 2      | * 5.45552       | 43.4                 | PK  | 35.3          | -20.9                | 0            | 57.8                       | -                      | -           | 74                  | -16.2          | 103            | 177         | V        |
| 5      | * 5.45998       | 32.38                | RMS | 35.2          | -20.9                | -37          | 47.05                      | 54                     | -6.95       | -                   | -              | 103            | 177         | V        |
| 6      | * 5.45445       | 33.28                | RMS | 35.2          | -20.9                | -37          | 47.95                      | 54                     | -6.05       | -                   | -              | 103            | 177         | V        |
| 4      | 5.46779         | 44.53                | PK  | 35.3          | -20.9                | 0            | 58.93                      | -                      | -           | 68.2                | -9.27          | 103            | 177         | V        |
| 8      | 5.4698          | 34.28                | RMS | 35.3          | -21                  | -37          | 48.95                      | -                      | -           | -                   | -              | 103            | 177         | V        |
| 3      | 5.46998         | 42.98                | PK  | 35.3          | -21                  | 0            | 57.28                      | -                      | -           | 68.2                | -10.92         | 103            | 177         | V        |
| 7      | 5.46998         | 33.36                | RMS | 35.3          | -21                  | -37          | 48.03                      | -                      | -           | -                   | -              | 103            | 177         | V        |

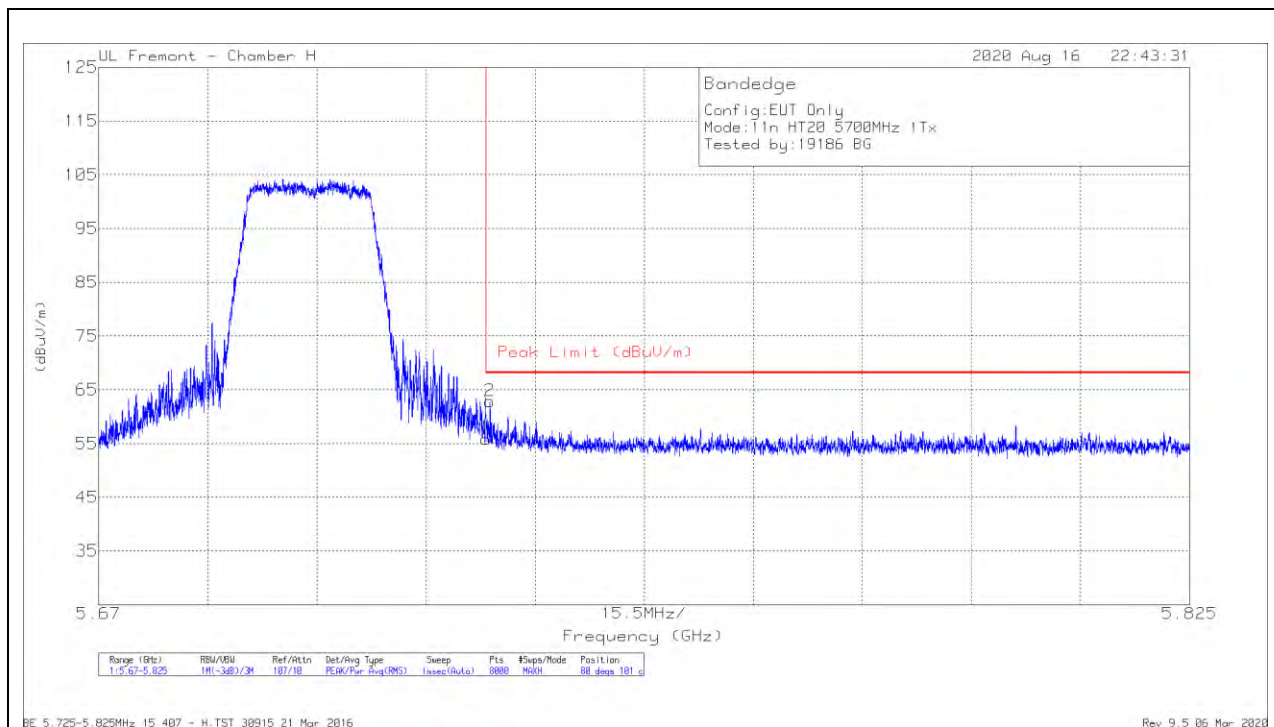
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL)

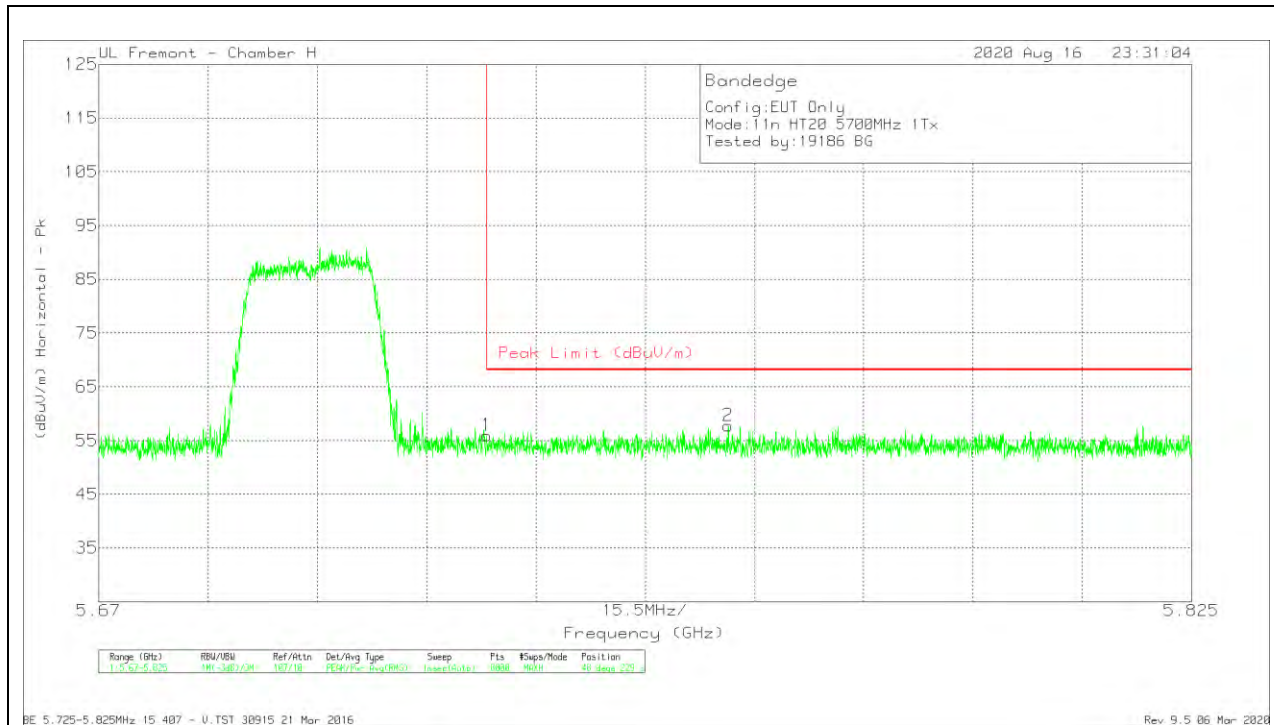
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 41.96                | Pk  | 35             | -21.1                   | 0            | 55.86                      | 68.2                | -12.34         | 80             | 101         | H        |
| 2      | 5.72557         | 49.09                | Pk  | 34.9           | -21.1                   | 0            | 62.89                      | 68.2                | -5.31          | 80             | 101         | H        |

Pk - Peak detector

## VERTICAL RESULT



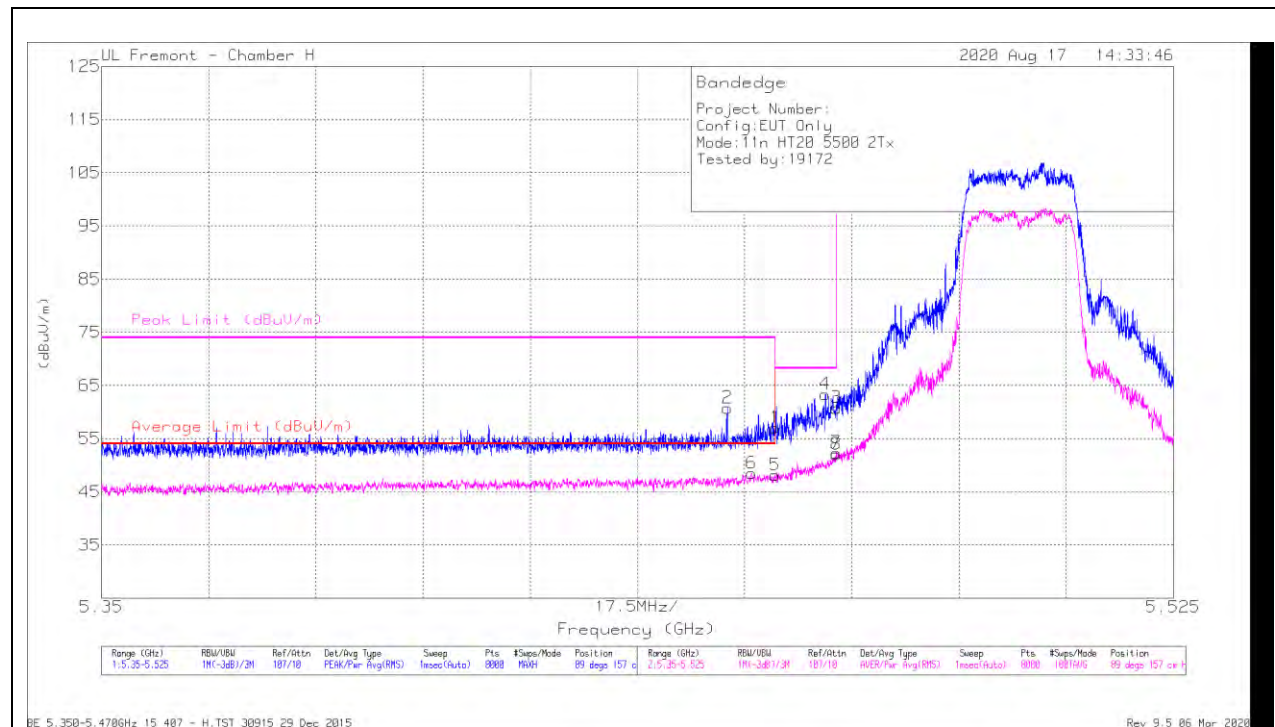
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 42.06                | Pk  | 35             | -21.1                  | 0            | 55.96                      | 68.2                | -12.24         | 48             | 229         | V        |
| 2      | 5.75929         | 43.67                | Pk  | 35             | -20.9                  | 0            | 57.77                      | 68.2                | -10.43         | 48             | 229         | V        |

Pk - Peak detector

**2TX ANT 5 + ANT 6 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

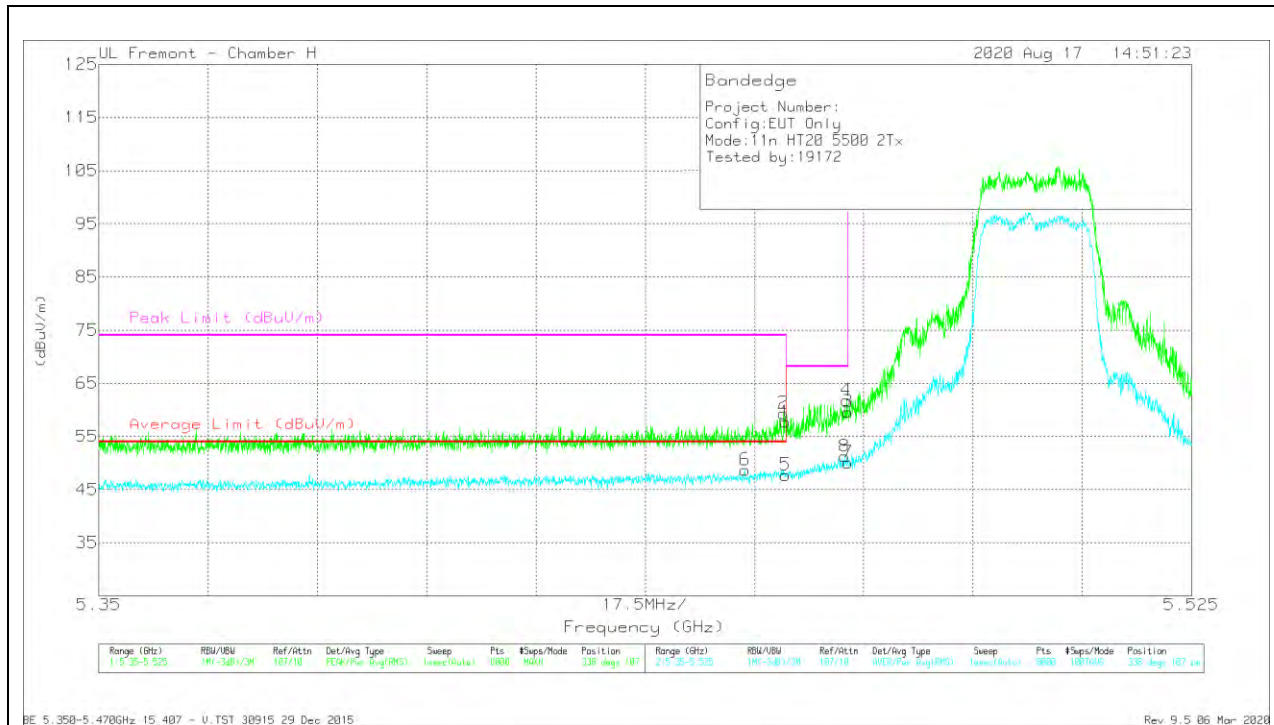
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 42.74                | PK  | 35.2           | -20.9                | 0            | 57.04                      | -                      | -           | 74                  | -16.96         | 89             | 157         | H        |
| 2      | * 5.45219       | 46.48                | PK  | 35.2           | -20.9                | 0            | 60.78                      | -                      | -           | 74                  | -13.22         | 89             | 157         | H        |
| 5      | * 5.45998       | 33.24                | RMS | 35.2           | -20.9                | 57           | 48.11                      | 54                     | -5.89       | -                   | -              | 89             | 157         | H        |
| 6      | * 5.45613       | 33.5                 | RMS | 35.3           | -20.9                | 57           | 48.47                      | 54                     | -5.53       | -                   | -              | 89             | 157         | H        |
| 4      | 5.46819         | 49.95                | PK  | 35.3           | -20.9                | 0            | 63.35                      | -                      | -           | 68.2                | -4.85          | 89             | 157         | H        |
| 8      | 5.46996         | 37.16                | RMS | 35.3           | -21                  | 57           | 52.03                      | -                      | -           | -                   | -              | 89             | 157         | H        |
| 3      | 5.46998         | 46.49                | PK  | 35.3           | -21                  | 0            | 60.79                      | -                      | -           | 68.2                | -7.41          | 89             | 157         | H        |
| 7      | 5.46998         | 37.44                | RMS | 35.3           | -21                  | 57           | 52.31                      | -                      | -           | -                   | -              | 89             | 157         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT

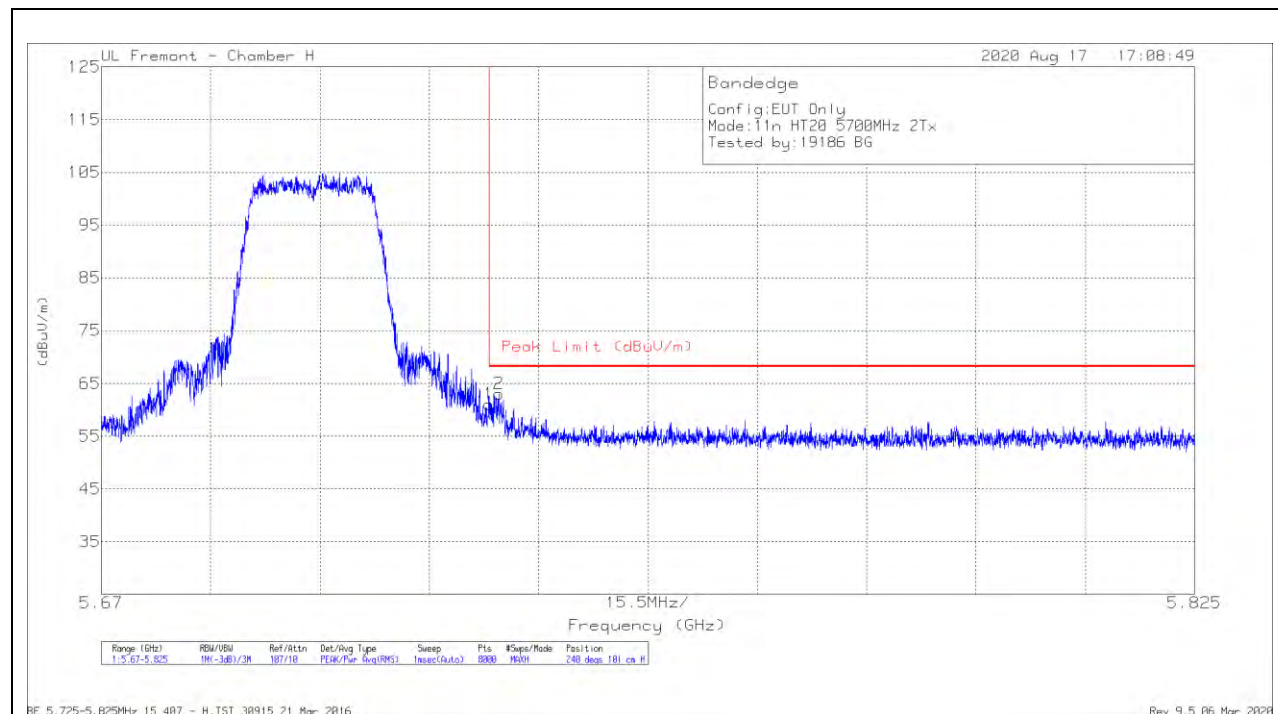


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Ch/Flt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|---------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 43.43                | PK  | 35.2          | -20.9               | 0            | 57.73                      | -                      | -           | 74                  | -16.27         | 338             | 107         | V        |
| 2      | * 5.45965       | 45.07                | PK  | 35.2          | -20.9               | 0            | 59.37                      | -                      | -           | 74                  | -14.63         | 338             | 107         | V        |
| 5      | * 5.45998       | 32.88                | RMS | 35.2          | -20.9               | 57           | 47.75                      | 54                     | -6.25       | -                   | -              | 338             | 107         | V        |
| 6      | * 5.45346       | 33.84                | RMS | 35.2          | -20.9               | 57           | 48.71                      | 54                     | -5.29       | -                   | -              | 338             | 107         | V        |
| 8      | 5.46943         | 36.37                | RMS | 35.3          | -21                 | 57           | 51.24                      | -                      | -           | -                   | -              | 338             | 107         | V        |
| 4      | 5.46976         | 47.51                | PK  | 35.3          | -21                 | 0            | 61.81                      | -                      | -           | 68.2                | -6.39          | 338             | 107         | V        |
| 3      | 5.46998         | 45.31                | PK  | 35.3          | -21                 | 0            | 59.61                      | -                      | -           | 68.2                | -8.59          | 338             | 107         | V        |
| 7      | 5.46998         | 35.22                | RMS | 35.3          | -21                 | 57           | 50.09                      | -                      | -           | -                   | -              | 338             | 107         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## BANDEDGE (HIGH CHANNEL)

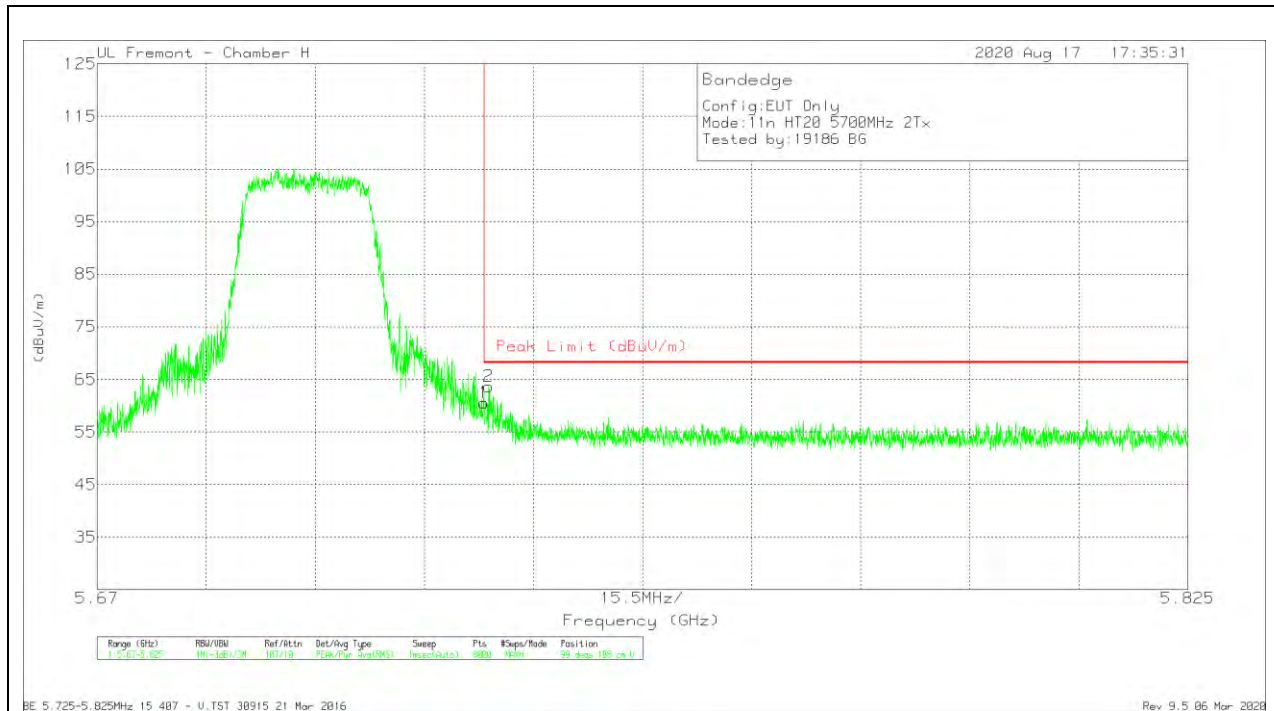
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 47.15                | Pk  | 35             | -21.1                  | 0            | 61.05                      | 68.2                | -7.15          | 240            | 101         | H        |
| 2      | 5.72635         | 49.18                | Pk  | 34.9           | -21.1                  | 0            | 62.98                      | 68.2                | -5.22          | 240            | 101         | H        |

Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 46.63                | Pk  | 35             | -21.1                 | 0            | 60.53                      | 68.2                | -7.67          | 99             | 108         | V        |
| 2      | 5.72565         | 49.84                | Pk  | 34.9           | -21.1                 | 0            | 63.64                      | 68.2                | -4.56          | 99             | 108         | V        |

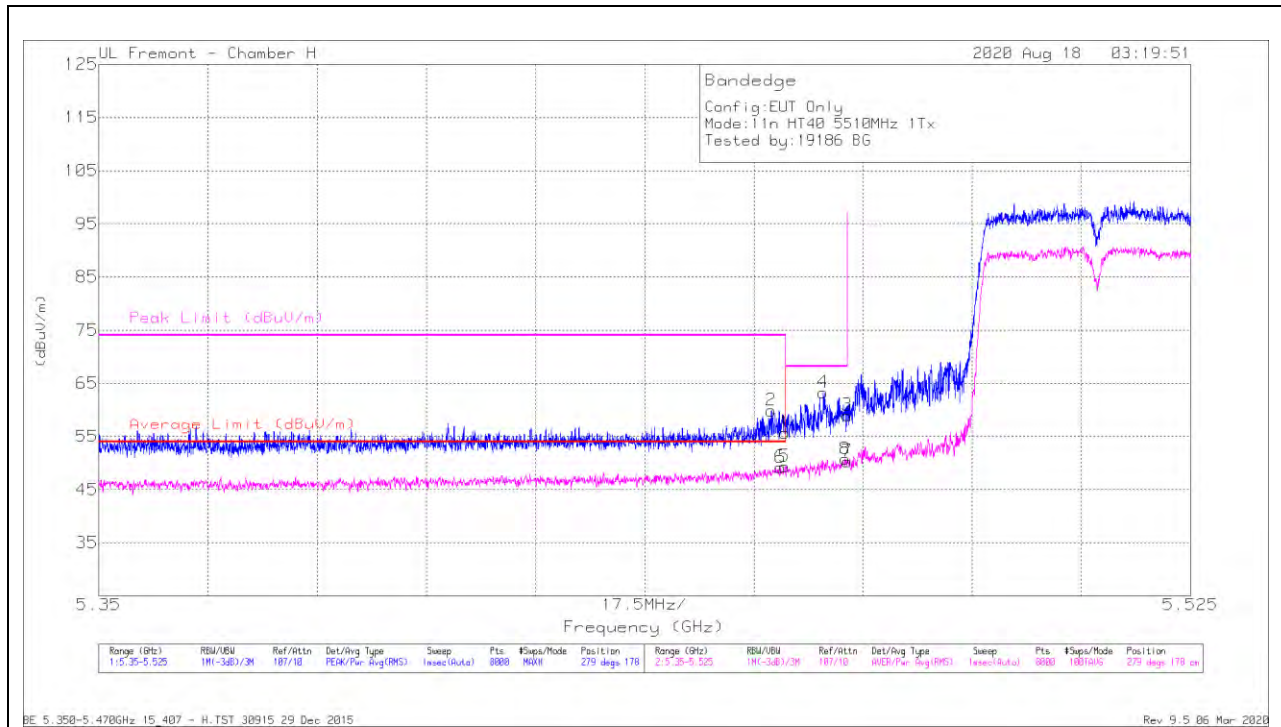
Pk - Peak detector

## 1.1.14. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

### 1TX ANT 5

### BANDEDGE (LOW CHANNEL)

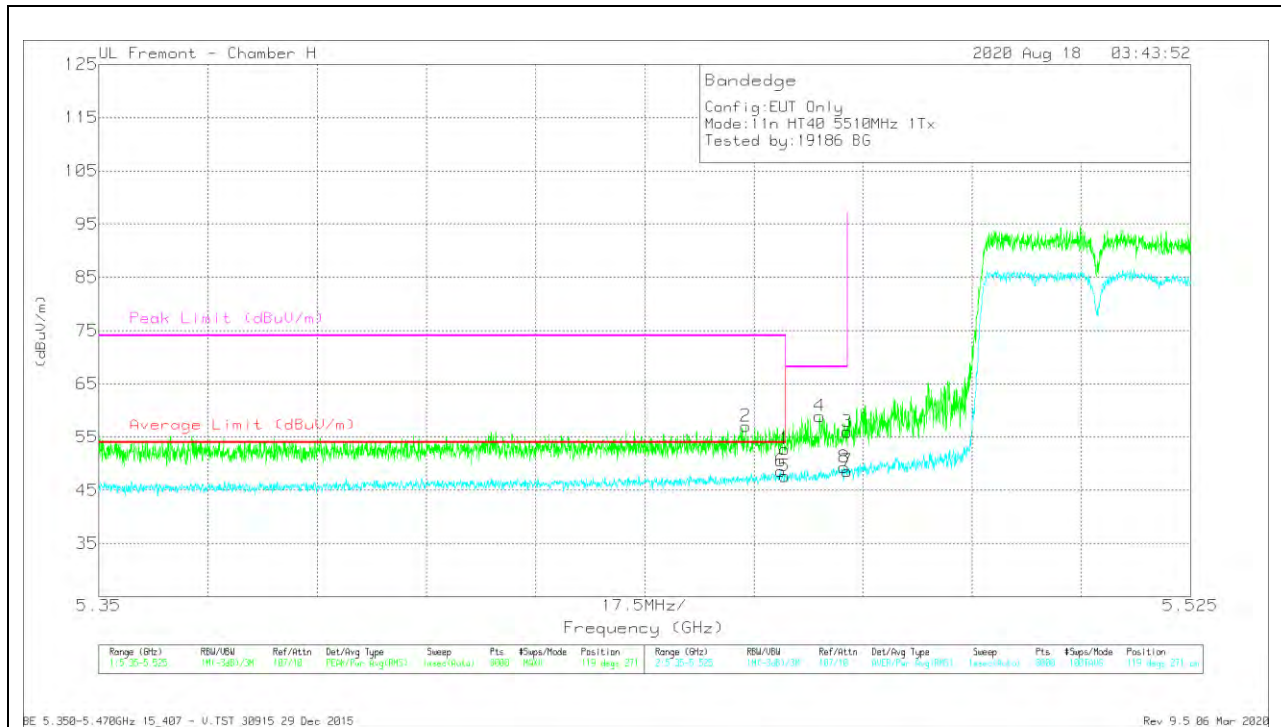
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | Af T863 (dBm) | Amp/Coil/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Aczimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 41.4                 | PK  | 35.2          | -20.9                  | 0            | 55.7                       | -                      | -           | 74                  | -18.3          | 279             | 178         | H        |
| 2      | * 5.45779       | 45.49                | PK  | 35.3          | -20.9                  | 0            | 59.89                      | -                      | -           | 74                  | -14.11         | 279             | 178         | H        |
| 5      | * 5.45998       | 34.41                | RMS | 35.2          | -20.9                  | 65           | 49.36                      | 54                     | -4.64       | -                   | -              | 279             | 178         | H        |
| 6      | * 5.45926       | 34.25                | RMS | 35.2          | -20.9                  | 65           | 49.20                      | 54                     | -4.80       | -                   | -              | 279             | 178         | H        |
| 4      | 5.46611         | 48.98                | PK  | 35.2          | -20.9                  | 0            | 63.28                      | -                      | -           | 68.2                | -4.92          | 279             | 178         | H        |
| 8      | 5.46963         | 35.81                | RMS | 35.3          | -21                    | 65           | 50.76                      | -                      | -           | -                   | -              | 279             | 178         | H        |
| 3      | 5.46998         | 44.7                 | PK  | 35.3          | -21                    | 0            | 59                         | -                      | -           | 68.2                | -9.2           | 279             | 178         | H        |
| 7      | 5.46998         | 35.35                | RMS | 35.3          | -21                    | 65           | 50.30                      | -                      | -           | -                   | -              | 279             | 178         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## VERTICAL RESULT

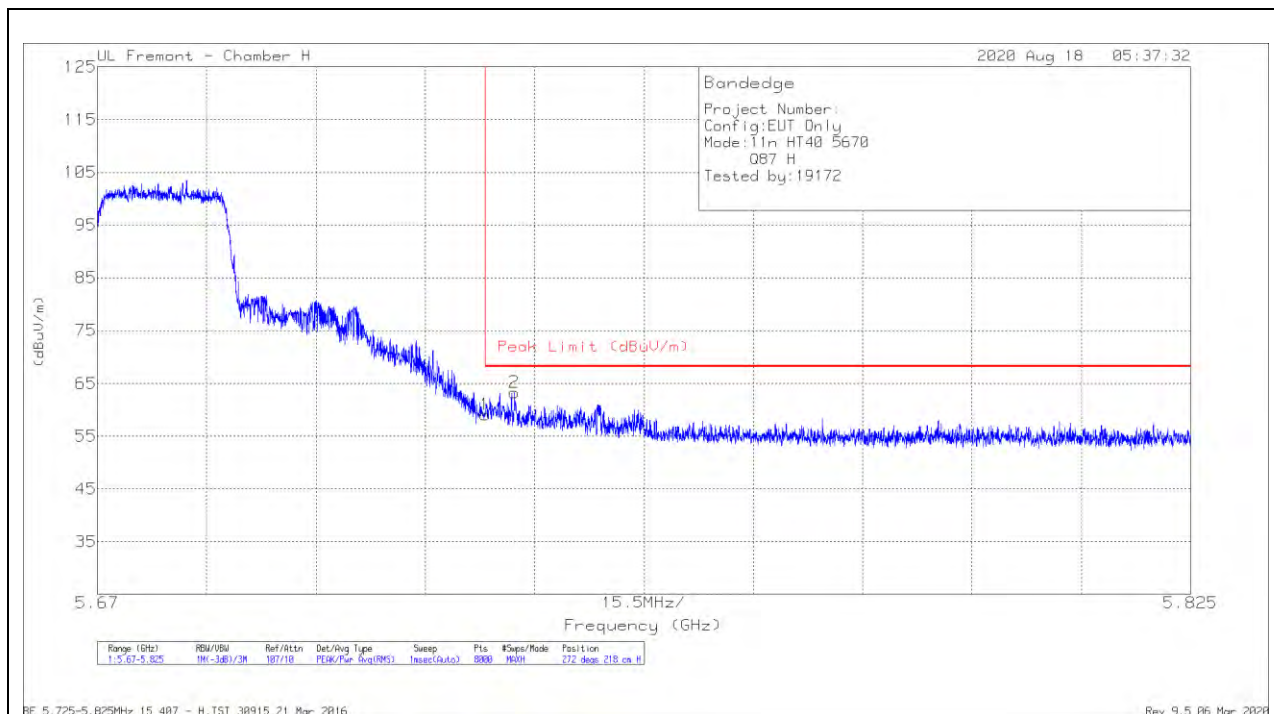


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (m) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|--------------|-------------|----------|
| 1      | * 5.45998       | 38.46                | PK  | 35.2          | -20.9                | 0            | 52.76                      | -                      | -           | 74                  | -21.24         | 119          | 271         | V        |
| 2      | * 5.45368       | 42.73                | PK  | 35.2          | -20.9                | 0            | 57.03                      | -                      | -           | 74                  | -16.97         | 119          | 271         | V        |
| 5      | * 5.45998       | 32.74                | RMS | 35.2          | -20.9                | 65           | 47.69                      | 54                     | -6.31       | -                   | -              | 119          | 271         | V        |
| 6      | * 5.4593        | 33.66                | RMS | 35.2          | -20.9                | 65           | 48.61                      | 54                     | -5.39       | -                   | -              | 119          | 271         | V        |
| 4      | 5.46554         | 44.62                | PK  | 35.2          | -20.9                | 0            | 58.92                      | -                      | -           | 68.2                | -9.28          | 119          | 271         | V        |
| 8      | 5.46948         | 34.37                | RMS | 35.3          | -21                  | 65           | 49.32                      | -                      | -           | -                   | -              | 119          | 271         | V        |
| 3      | 5.46998         | 41.69                | PK  | 35.3          | -21                  | 0            | 55.99                      | -                      | -           | 68.2                | -12.21         | 119          | 271         | V        |
| 7      | 5.46998         | 33.65                | RMS | 35.3          | -21                  | 65           | 48.60                      | -                      | -           | -                   | -              | 119          | 271         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## BANDEDGE (HIGH CHANNEL)

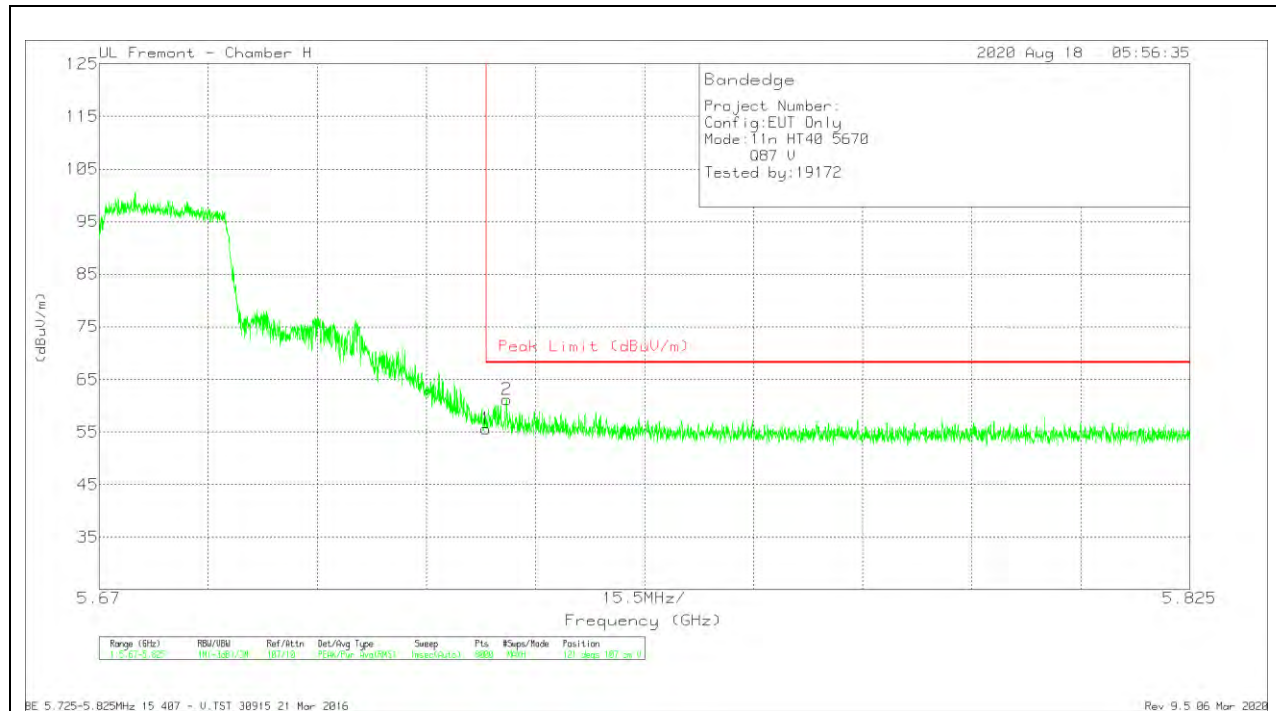
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 45.23                | Pk  | 35             | -21.1                  | 0            | 59.13                      | 68.2                | -9.07          | 272            | 218         | H        |
| 2      | 5.72912         | 49.46                | Pk  | 34.9           | -21.1                  | 0            | 63.26                      | 68.2                | -4.94          | 272            | 218         | H        |

Pk - Peak detector

## VERTICAL RESULT



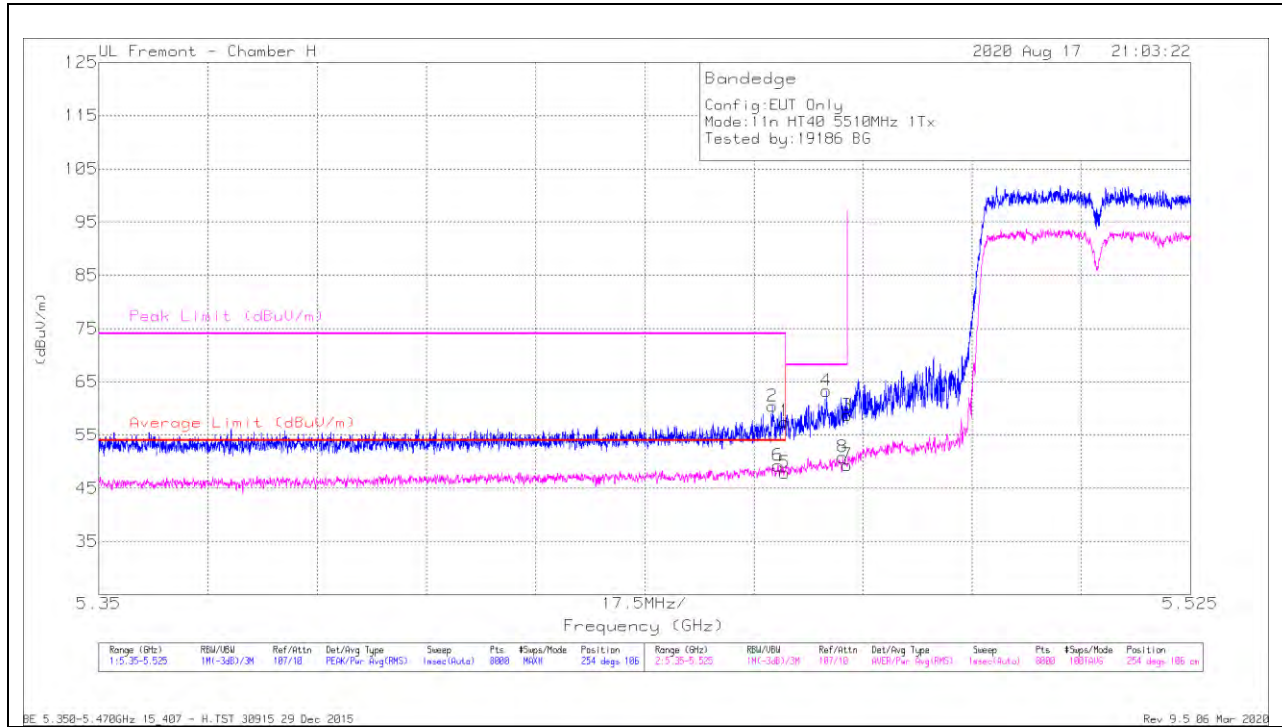
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 41.69                | Pk  | 35             | -21.1                 | 0            | 55.59                      | 68.2                | -12.61         | 121            | 107         | V        |
| 2      | 5.72788         | 47.33                | Pk  | 34.9           | -21.1                 | 0            | 61.13                      | 68.2                | -7.07          | 121            | 107         | V        |

Pk - Peak detector

**1TX ANT 6**

**BANDEDGE (LOW CHANNEL)**

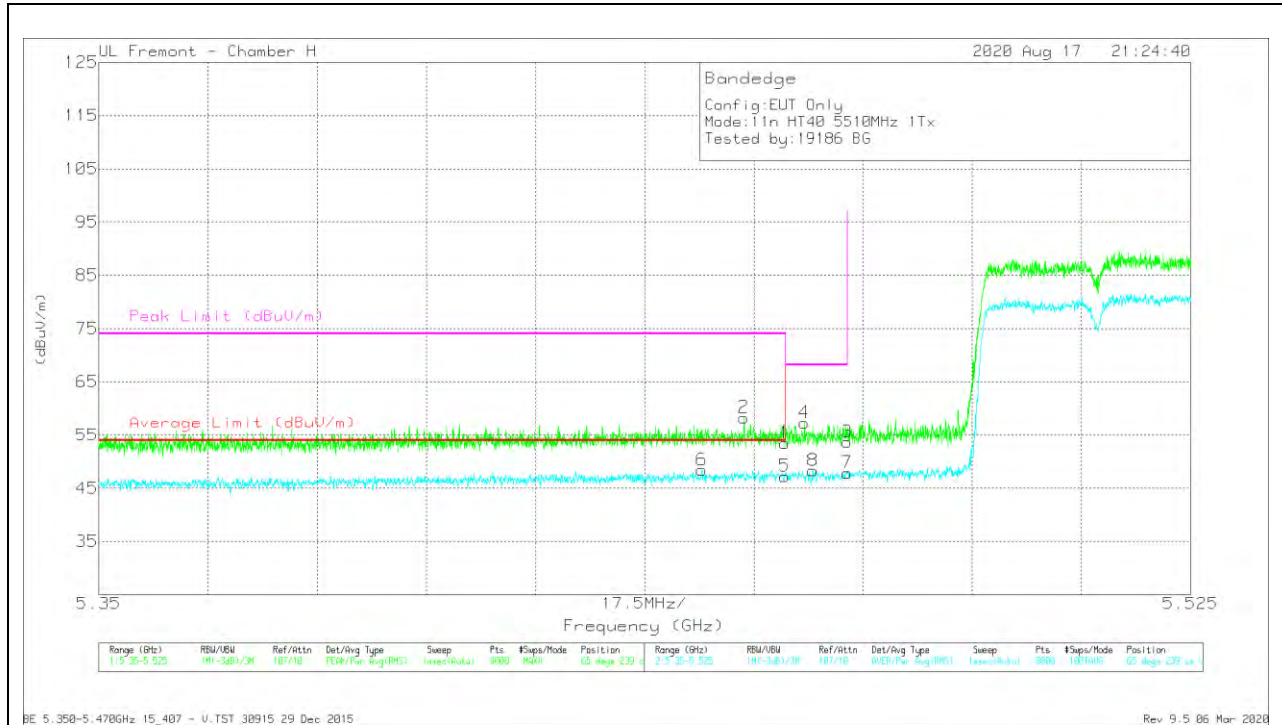
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 43.25                | PK  | 35.2           | -20.9                | 0            | 57.55                      | -                      | -           | 74                  | -16.45         | 254            | 106         | H        |
| 2      | * 5.45797       | 46.01                | PK  | 35.3           | -20.9                | 0            | 60.41                      | -                      | -           | 74                  | -13.59         | 254            | 106         | H        |
| 5      | * 5.45998       | 32.97                | RMS | 35.2           | -20.9                | 65           | 47.92                      | 54                     | -6.08       | -                   | -              | 254            | 106         | H        |
| 6      | * 5.45998       | 34.21                | RMS | 35.3           | -20.9                | 65           | 49.26                      | 54                     | -4.74       | -                   | -              | 254            | 106         | H        |
| 4      | 5.46621         | 49.01                | PK  | 35.2           | -20.9                | 0            | 63.31                      | -                      | -           | 68.2                | -4.89          | 254            | 106         | H        |
| 8      | 5.46921         | 35.9                 | RMS | 35.3           | -21                  | 65           | 50.85                      | -                      | -           | -                   | -              | 254            | 106         | H        |
| 3      | 5.46998         | 44.42                | PK  | 35.3           | -21                  | 0            | 58.72                      | -                      | -           | 68.2                | -9.48          | 254            | 106         | H        |
| 7      | 5.46998         | 34.4                 | RMS | 35.3           | -21                  | 65           | 49.35                      | -                      | -           | -                   | -              | 254            | 106         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT

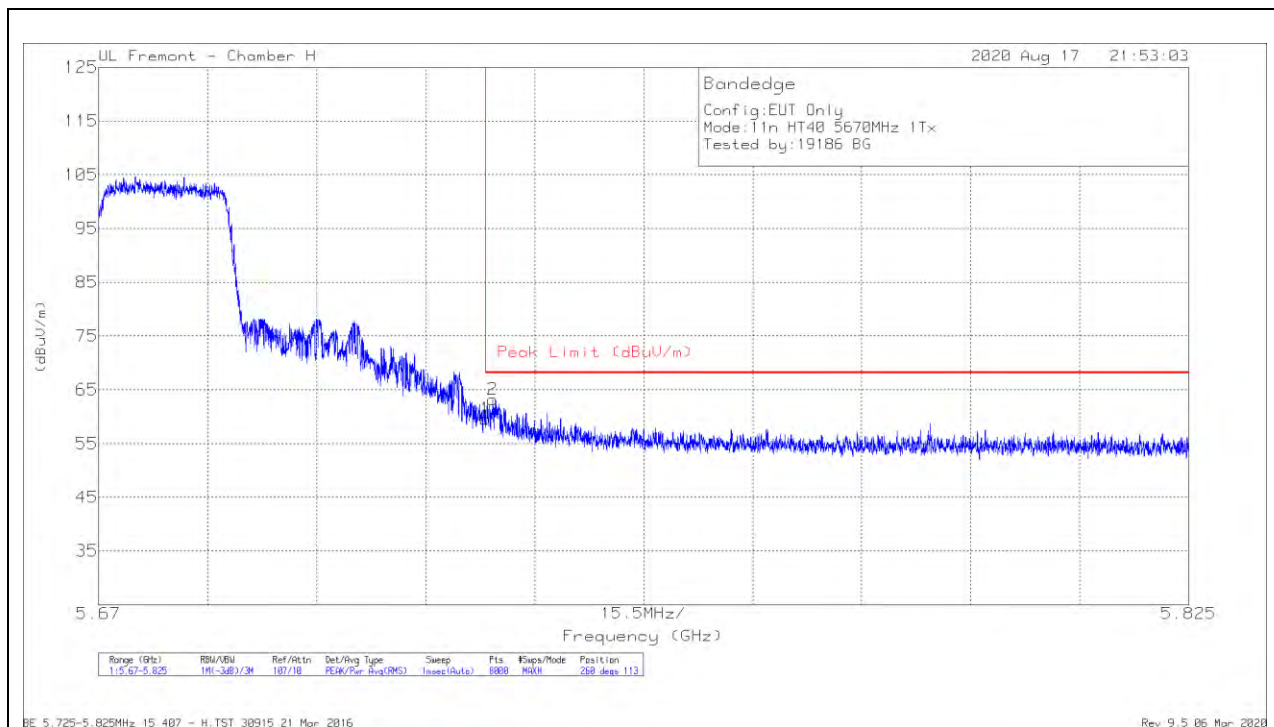


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (m) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|--------------|-------------|----------|
| 1      | * 5.45998       | 39.17                | PK  | 35.2          | -20.9                | 0            | 53.47                      | -                      | -           | 74                  | -20.53         | 65           | 239         | V        |
| 2      | * 5.4534        | 43.98                | PK  | 35.2          | -20.9                | 0            | 58.28                      | -                      | -           | 74                  | -15.72         | 65           | 239         | V        |
| 5      | * 5.45998       | 32.32                | RMS | 35.2          | -20.9                | 65           | 47.27                      | 54                     | -6.73       | -                   | -              | 65           | 239         | V        |
| 6      | * 5.44666       | 33.49                | RMS | 35.1          | -20.9                | 65           | 48.43                      | 54                     | -5.57       | -                   | -              | 65           | 239         | V        |
| 4      | 5.46309         | 42.96                | PK  | 35.2          | -20.9                | 0            | 57.26                      | -                      | -           | 68.2                | -10.94         | 65           | 239         | V        |
| 8      | 5.46449         | 33.38                | RMS | 35.2          | -20.9                | 65           | 48.33                      | -                      | -           | -                   | -              | 65           | 239         | V        |
| 3      | 5.46998         | 39.41                | PK  | 35.3          | -21                  | 0            | 53.71                      | -                      | -           | 68.2                | -14.49         | 65           | 239         | V        |
| 7      | 5.46998         | 32.94                | RMS | 35.3          | -21                  | 65           | 47.89                      | -                      | -           | -                   | -              | 65           | 239         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## BANDEDGE (HIGH CHANNEL)

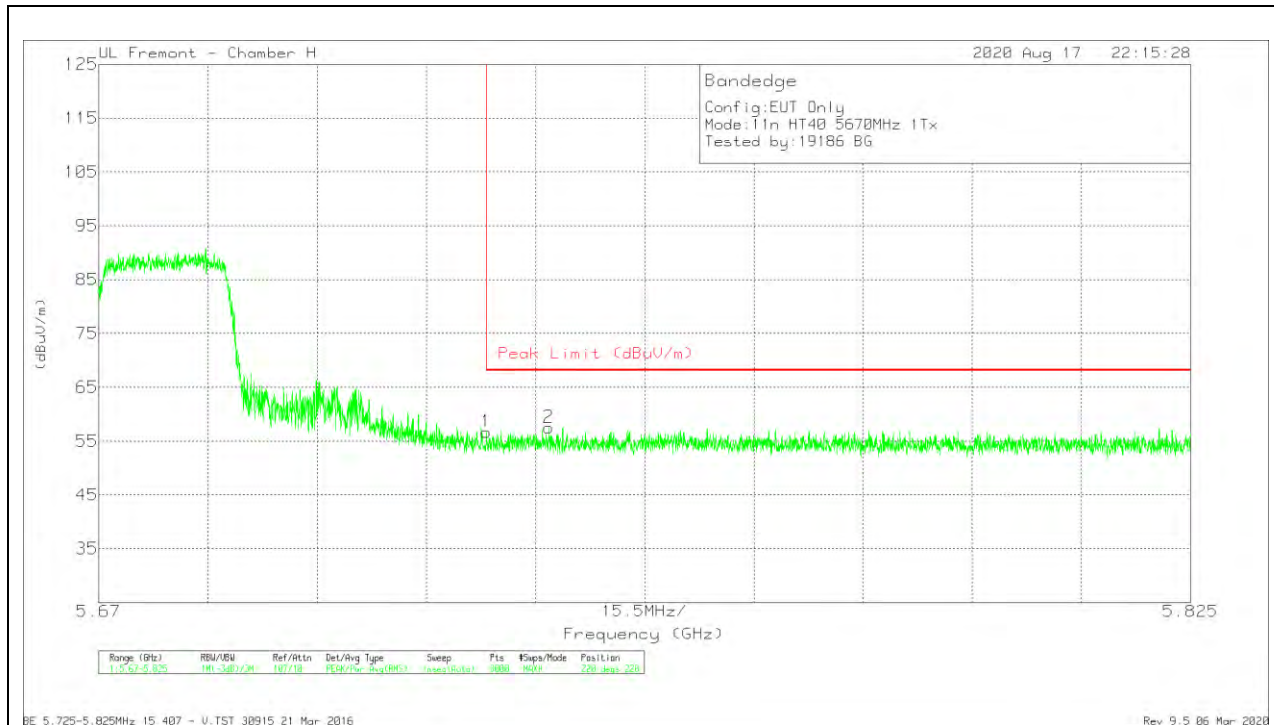
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 45.63                | Pk  | 35             | -21.1                  | 0            | 59.53                      | 68.2                | -8.67          | 260            | 113         | H        |
| 2      | 5.72602         | 49.39                | Pk  | 34.9           | -21.1                  | 0            | 63.19                      | 68.2                | -5.01          | 260            | 113         | H        |

Pk - Peak detector

## VERTICAL RESULT



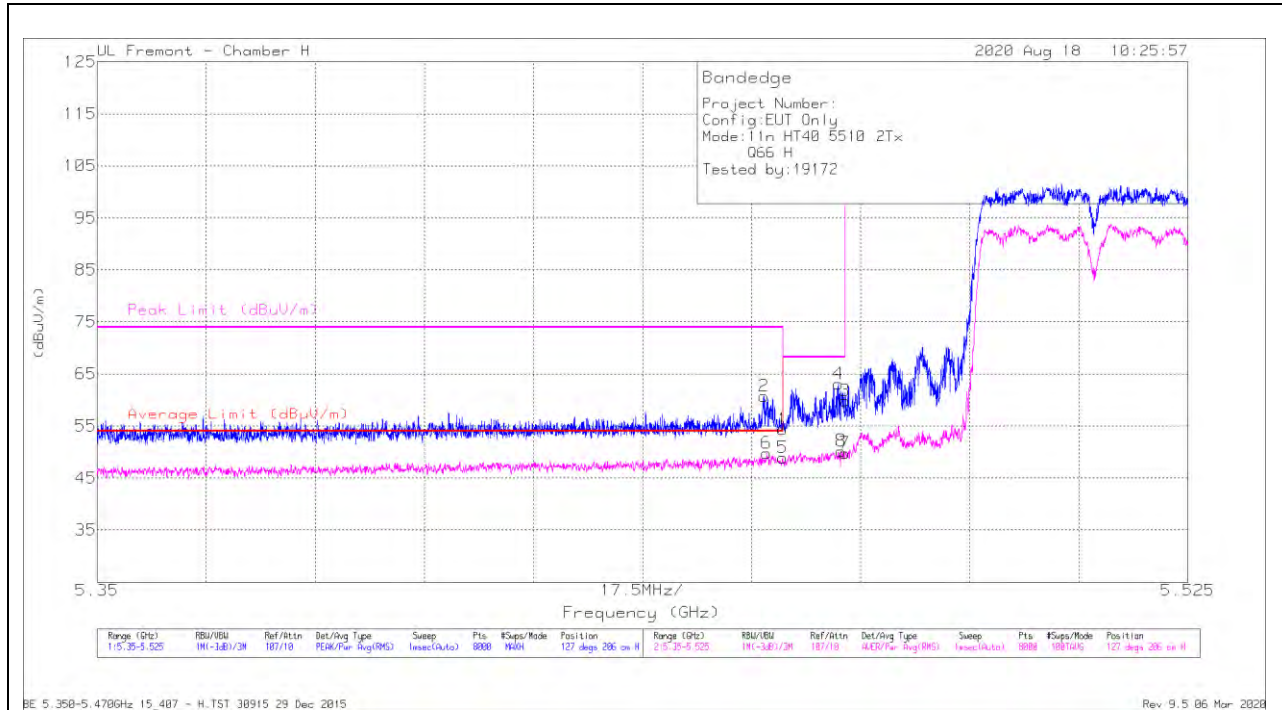
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 42.82                | Pk  | 35             | -21.1                  | 0            | 56.72                      | 68.2                | -11.48         | 220            | 228         | V        |
| 2      | 5.73387         | 43.63                | Pk  | 35             | -21.1                  | 0            | 57.53                      | 68.2                | -10.67         | 220            | 228         | V        |

Pk - Peak detector

**2TX ANT 5 + ANT 6 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

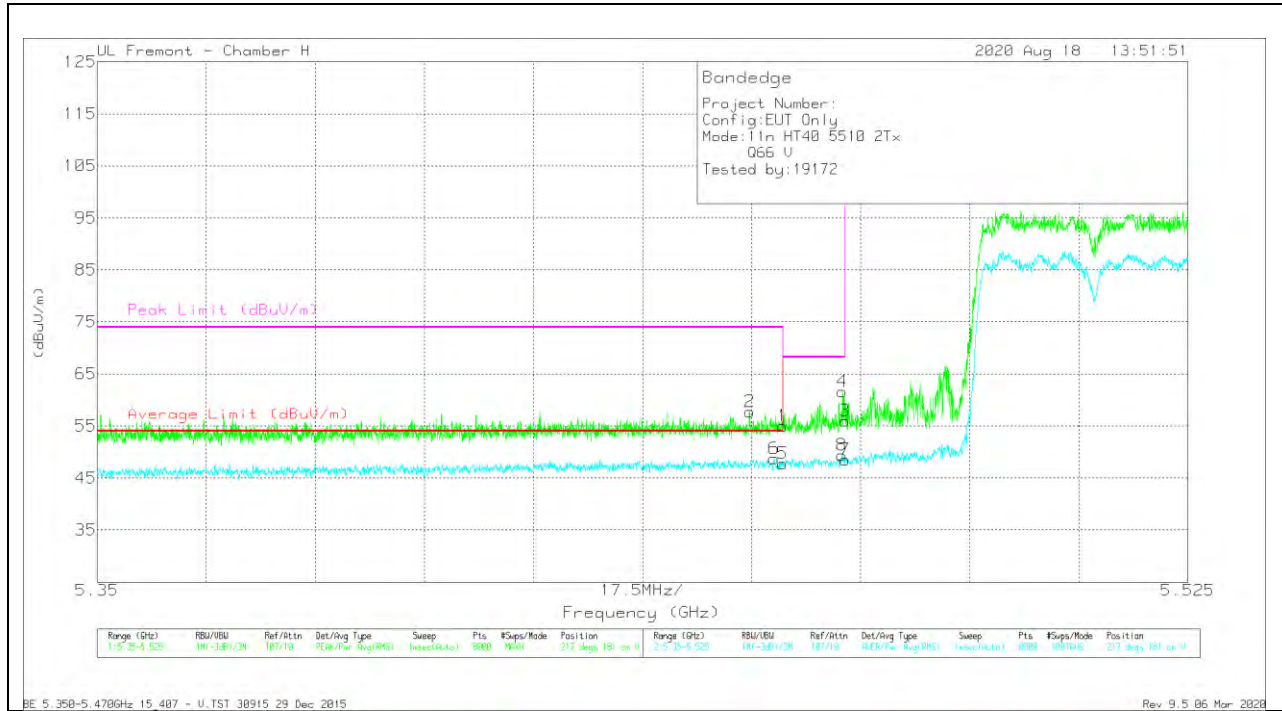
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.04                | Pk  | 35.2           | -20.9                | 0            | 54.34                      | -                      | -           | 74                  | -19.66         | 127            | 206         | H        |
| 2      | * 5.45694       | 46.32                | Pk  | 35.3           | -20.9                | 0            | 60.72                      | -                      | -           | 74                  | -13.28         | 127            | 206         | H        |
| 5      | * 5.45998       | 33.74                | RMS | 35.2           | -20.9                | 89           | 48.93                      | 54                     | -5.07       | -                   | -              | 127            | 206         | H        |
| 6      | * 5.4574        | 34.42                | RMS | 35.3           | -20.9                | 89           | 49.71                      | 54                     | -4.29       | -                   | -              | 127            | 206         | H        |
| 4      | 5.46891         | 49.94                | Pk  | 35.3           | -21                  | 0            | 63.14                      | -                      | -           | 68.2                | -5.06          | 127            | 206         | H        |
| 8      | 5.46941         | 35                   | RMS | 35.3           | -21                  | 89           | 50.19                      | -                      | -           | -                   | -              | 127            | 206         | H        |
| 3      | 5.46998         | 45.5                 | Pk  | 35.3           | -21                  | 0            | 59.8                       | -                      | -           | 68.2                | -8.4           | 127            | 206         | H        |
| 7      | 5.46998         | 34.59                | RMS | 35.3           | -21                  | 89           | 49.78                      | -                      | -           | -                   | -              | 127            | 206         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT

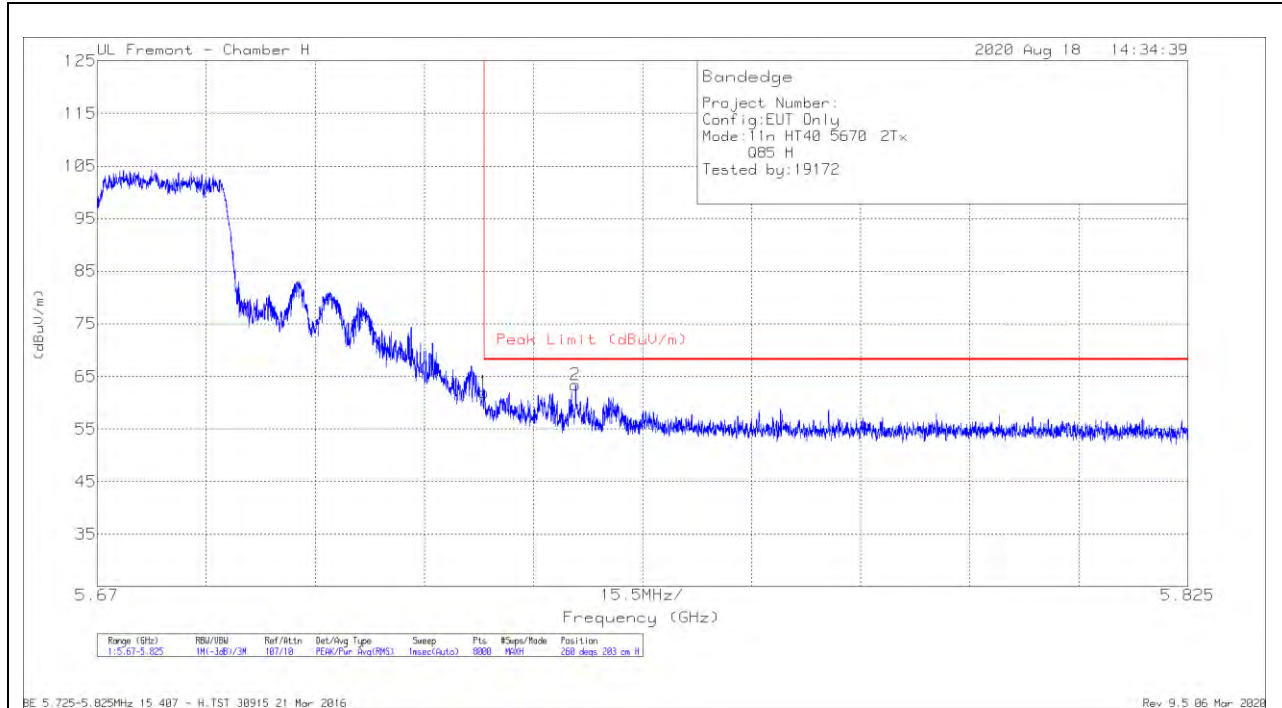


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 40.68                | PK  | 35.2          | -20.9                | 0            | 54.98                      | -                      | -           | 74                  | -19.02         | 217             | 181         | V        |
| 2      | * 5.45466       | 43.42                | PK  | 35.2          | -20.9                | 0            | 57.72                      | -                      | -           | 74                  | -16.28         | 217             | 181         | V        |
| 5      | * 5.45998       | 32.55                | RMS | 35.2          | -20.9                | 89           | 47.74                      | 54                     | -6.26       | -                   | -              | 217             | 181         | V        |
| 6      | * 5.45998       | 33.47                | RMS | 35.3          | -20.9                | 89           | 48.76                      | 54                     | -5.24       | -                   | -              | 217             | 181         | V        |
| 8      | 5.4695          | 34.15                | RMS | 35.3          | -21                  | 89           | 49.34                      | -                      | -           | -                   | -              | 217             | 181         | V        |
| 4      | 5.46961         | 47.31                | PK  | 35.3          | -21                  | 0            | 61.61                      | -                      | -           | 68.2                | -6.59          | 217             | 181         | V        |
| 3      | 5.46998         | 41.64                | PK  | 35.3          | -21                  | 0            | 55.94                      | -                      | -           | 68.2                | -12.26         | 217             | 181         | V        |
| 7      | 5.46998         | 33.33                | RMS | 35.3          | -21                  | 89           | 48.52                      | -                      | -           | -                   | -              | 217             | 181         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## BANDEDGE (HIGH CHANNEL)

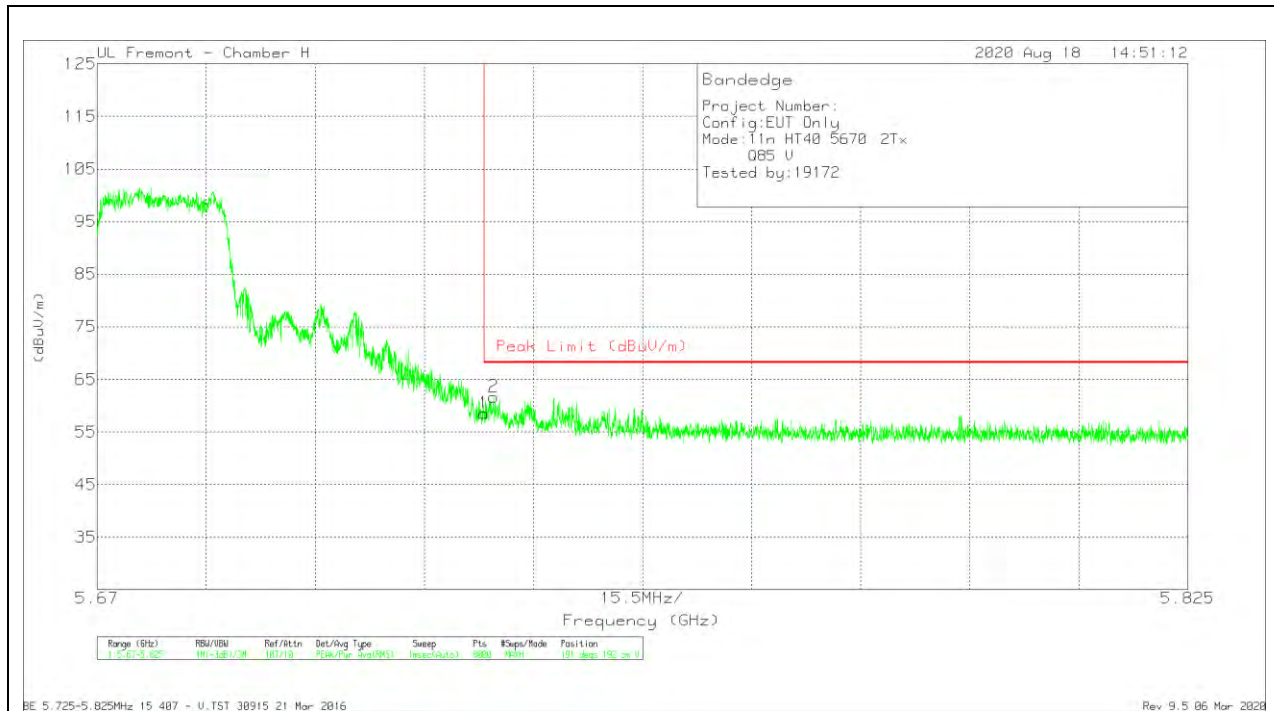
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 48.08                | Pk  | 35             | -21.1                   | 0            | 61.98                      | 68.2                | -6.22          | 260            | 203         | H        |
| 2      | 5.73799         | 49.56                | Pk  | 34.9           | -21.1                   | 0            | 63.36                      | 68.2                | -4.84          | 260            | 203         | H        |

Pk - Peak detector

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 44.7                 | Pk  | 35             | -21.1                 | 0            | 58.6                       | 68.2                | -9.6           | 191            | 192         | V        |
| 2      | 5.72635         | 47.93                | Pk  | 34.9           | -21.1                 | 0            | 61.73                      | 68.2                | -6.47          | 191            | 192         | V        |

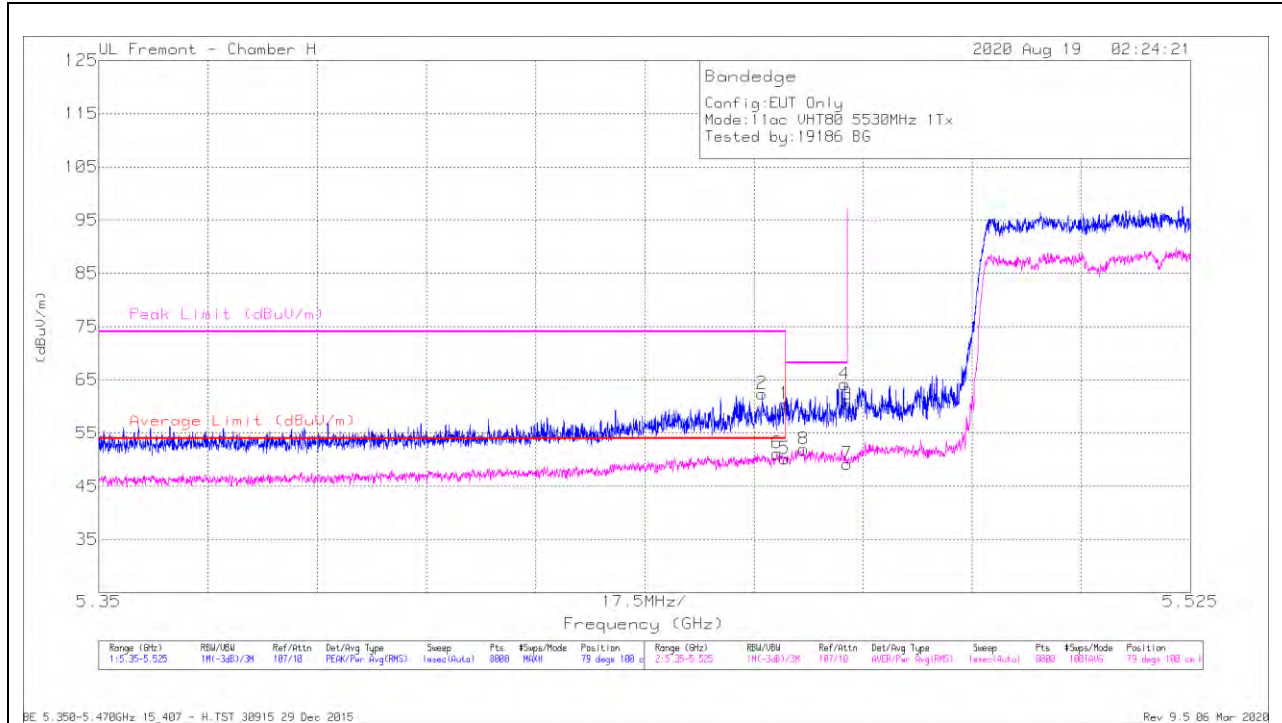
Pk - Peak detector

## 1.1.15. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

### 1TX ANT 5

### BANDEDGE (LOW CHANNEL)

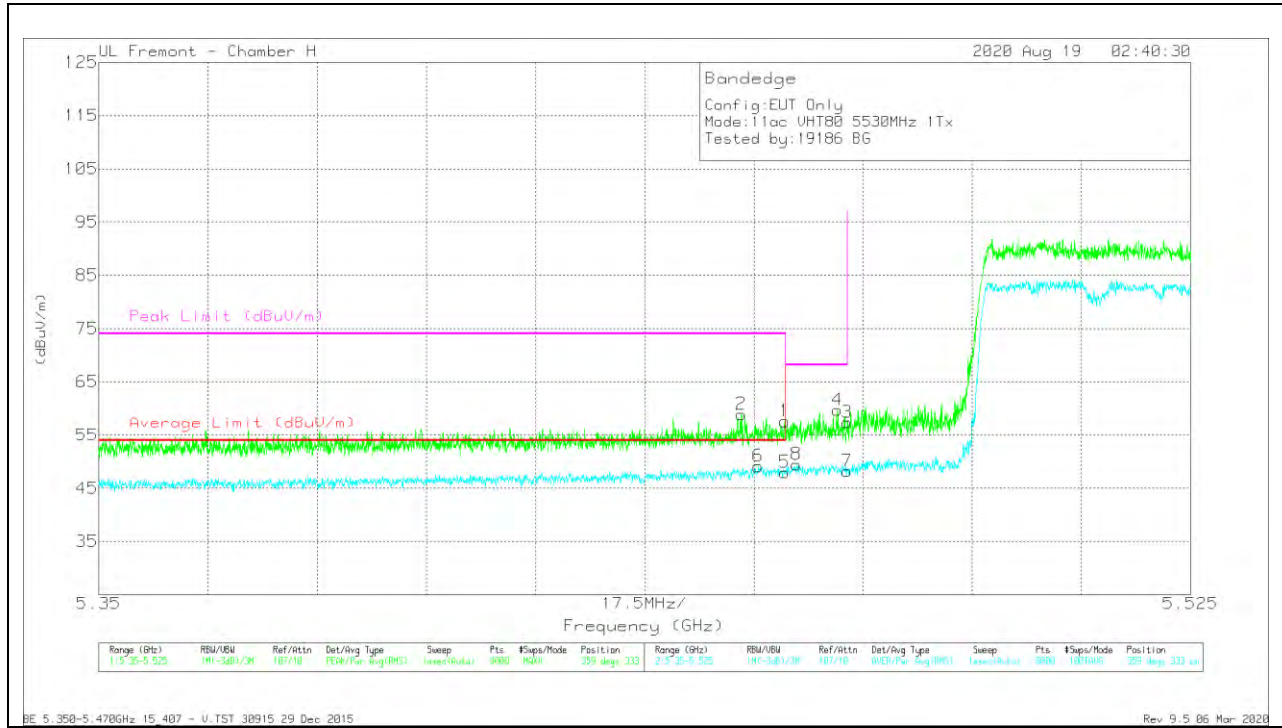
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/Filr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 46.17                | Pk  | 35.2          | -20.9                 | 0            | 60.47                      | -                      | -           | 74                  | -13.53         | 79             | 100         | H        |
| 2      | * 5.45631       | 48.03                | Pk  | 35.3          | -20.9                 | 0            | 62.43                      | -                      | -           | 74                  | -11.57         | 79             | 100         | H        |
| 5      | * 5.45998       | 34.8                 | RMS | 35.2          | -20.9                 | 1.08         | 50.18                      | 54                     | -3.82       | -                   | -              | 79             | 100         | H        |
| 6      | * 5.45867       | 35.69                | RMS | 35.3          | -20.9                 | 1.08         | 51.17                      | 54                     | -2.83       | -                   | -              | 79             | 100         | H        |
| 8      | 5.46293         | 36.54                | RMS | 35.2          | -20.9                 | 1.08         | 51.92                      | -                      | -           | -                   | -              | 79             | 100         | H        |
| 4      | 5.46952         | 49.87                | Pk  | 35.3          | -21                   | 0            | 64.17                      | -                      | -           | 68.2                | -4.03          | 79             | 100         | H        |
| 3      | 5.46998         | 46.13                | Pk  | 35.3          | -21                   | 0            | 60.43                      | -                      | -           | 68.2                | -7.77          | 79             | 100         | H        |
| 7      | 5.46998         | 33.78                | RMS | 35.3          | -21                   | 1.08         | 49.14                      | -                      | -           | -                   | -              | 79             | 100         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



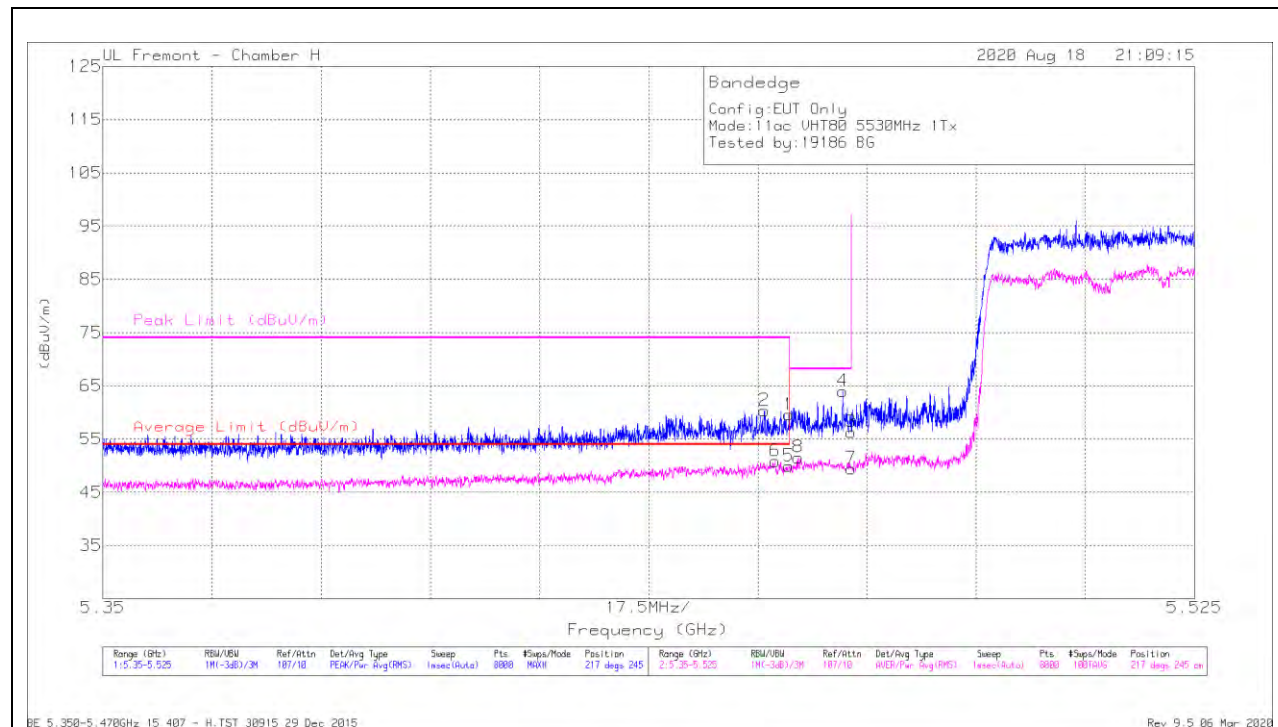
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Ch/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 43.28                | PK  | 35.2          | -20.9                | 0            | 57.58                      | -                      | -           | 74                  | -16.42         | 359             | 333         | V        |
| 2      | * 5.453         | 44.59                | PK  | 35.2          | -20.9                | 0            | 58.89                      | -                      | -           | 74                  | -15.11         | 359             | 333         | V        |
| 5      | * 5.45998       | 32.57                | RMS | 35.2          | -20.9                | 1.08         | 47.95                      | 54                     | -6.05       | -                   | -              | 359             | 333         | V        |
| 6      | * 5.45569       | 33.63                | RMS | 35.3          | -20.9                | 1.08         | 49.11                      | 54                     | -4.91       | -                   | -              | 359             | 333         | V        |
| 8      | 5.46182         | 34.05                | RMS | 35.2          | -20.9                | 1.08         | 49.43                      | -                      | -           | -                   | -              | 359             | 333         | V        |
| 4      | 5.46843         | 45.28                | PK  | 35.3          | -20.9                | 0            | 59.68                      | -                      | -           | 68.2                | -8.52          | 359             | 333         | V        |
| 3      | 5.46998         | 43.05                | PK  | 35.3          | -21                  | 0            | 57.35                      | -                      | -           | 68.2                | -10.85         | 359             | 333         | V        |
| 7      | 5.46998         | 32.79                | RMS | 35.3          | -21                  | 1.08         | 48.17                      | -                      | -           | -                   | -              | 359             | 333         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

# 1TX ANT 6

## BANDEDGE (LOW CHANNEL)

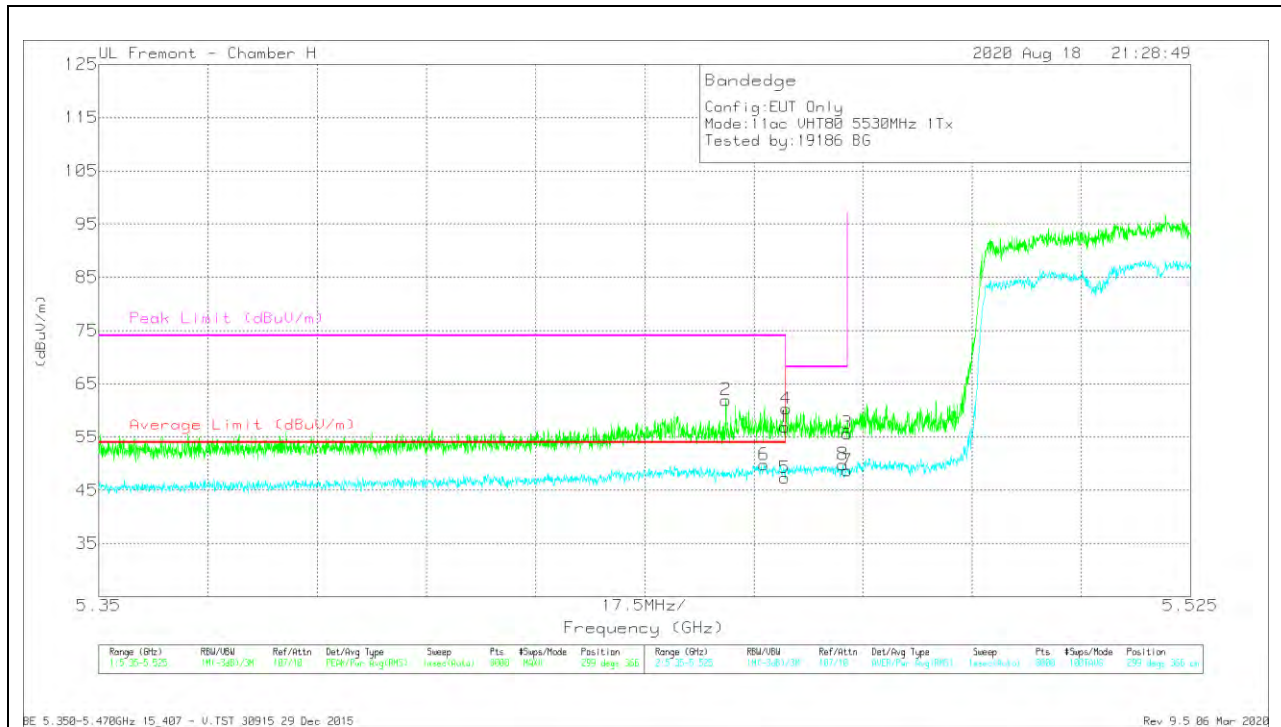
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 45.25                | Pk  | 35.2           | -20.9                | 0            | 59.55                      | -                      | -           | 74                  | -14.45         | 217            | 245         | H        |
| 2      | * 5.45604       | 45.94                | Pk  | 35.3           | -20.9                | 0            | 60.34                      | -                      | -           | 74                  | -13.66         | 217            | 245         | H        |
| 5      | * 5.45998       | 34.55                | RMS | 35.2           | -20.9                | 1.08         | 49.93                      | 54                     | -4.07       | -                   | -              | 217            | 245         | H        |
| 6      | * 5.45775       | 35.37                | RMS | 35.3           | -20.9                | 1.08         | 50.85                      | 54                     | -3.15       | -                   | -              | 217            | 245         | H        |
| 8      | 5.46147         | 36.19                | RMS | 35.2           | -20.9                | 1.08         | 51.56                      | -                      | -           | -                   | -              | 217            | 245         | H        |
| 4      | 5.4686          | 49.69                | Pk  | 35.3           | -21                  | 0            | 63.99                      | -                      | -           | 68.2                | -4.21          | 217            | 245         | H        |
| 3      | 5.46998         | 42.03                | Pk  | 35.3           | -21                  | 0            | 56.33                      | -                      | -           | 68.2                | -11.87         | 217            | 245         | H        |
| 7      | 5.46998         | 34.08                | RMS | 35.3           | -21                  | 1.08         | 49.46                      | -                      | -           | -                   | -              | 217            | 245         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



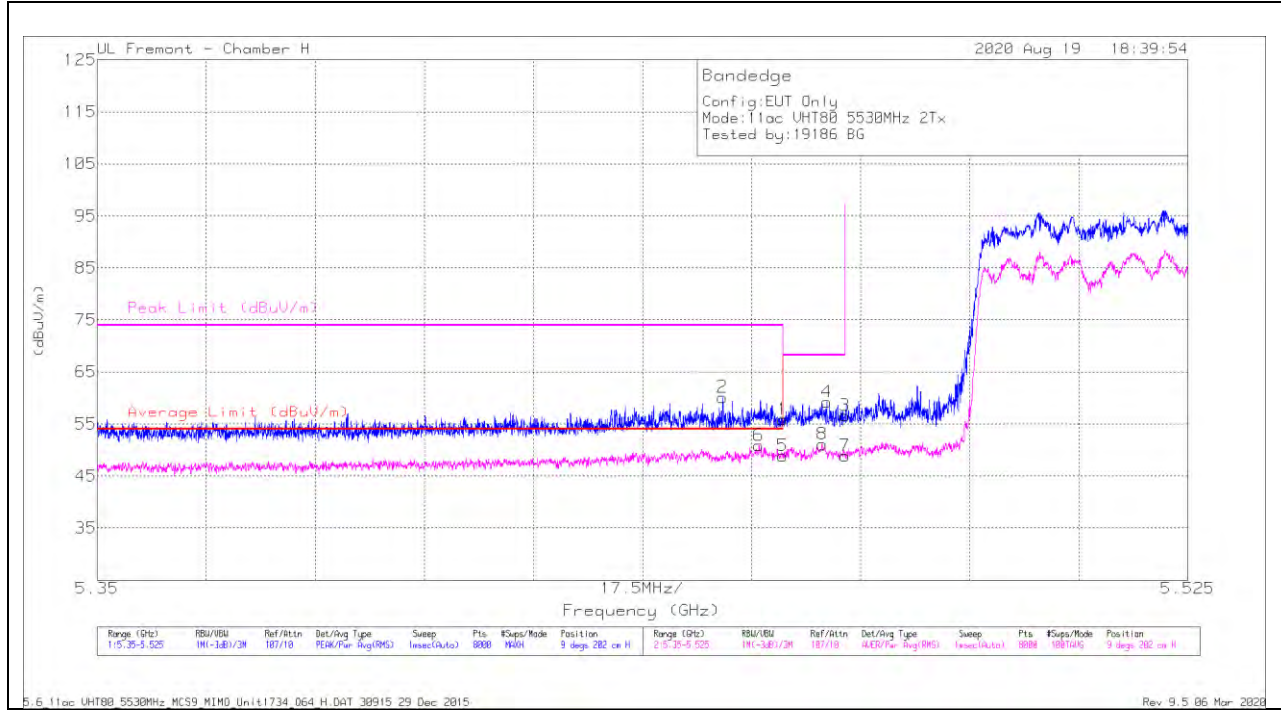
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 42.57                | PK  | 35.2          | -20.9                | 0            | 56.87                      | -                      | -           | 74                  | -17.13         | 299             | 366         | V        |
| 2      | * 5.45051       | 47.76                | PK  | 35.1          | -20.9                | 0            | 61.96                      | -                      | -           | 74                  | -12.04         | 299             | 366         | V        |
| 5      | * 5.45998       | 31.94                | RMS | 35.2          | -20.9                | 1.08         | 47.32                      | 54                     | -6.68       | -                   | -              | 299             | 366         | V        |
| 6      | * 5.45653       | 34.3                 | RMS | 35.3          | -20.9                | 1.08         | 49.78                      | 54                     | -4.22       | -                   | -              | 299             | 366         | V        |
| 4      | 5.4602          | 45.99                | PK  | 35.2          | -20.9                | 0            | 60.29                      | -                      | -           | 68.2                | -7.91          | 299             | 366         | V        |
| 8      | 5.46928         | 34.44                | RMS | 35.3          | -21                  | 1.08         | 49.82                      | -                      | -           | -                   | -              | 299             | 366         | V        |
| 3      | 5.46998         | 41.39                | PK  | 35.3          | -21                  | 0            | 55.69                      | -                      | -           | 68.2                | -12.51         | 299             | 366         | V        |
| 7      | 5.46998         | 33.31                | RMS | 35.3          | -21                  | 1.08         | 48.69                      | -                      | -           | -                   | -              | 299             | 366         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

**2TX ANT 5 + ANT 6 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

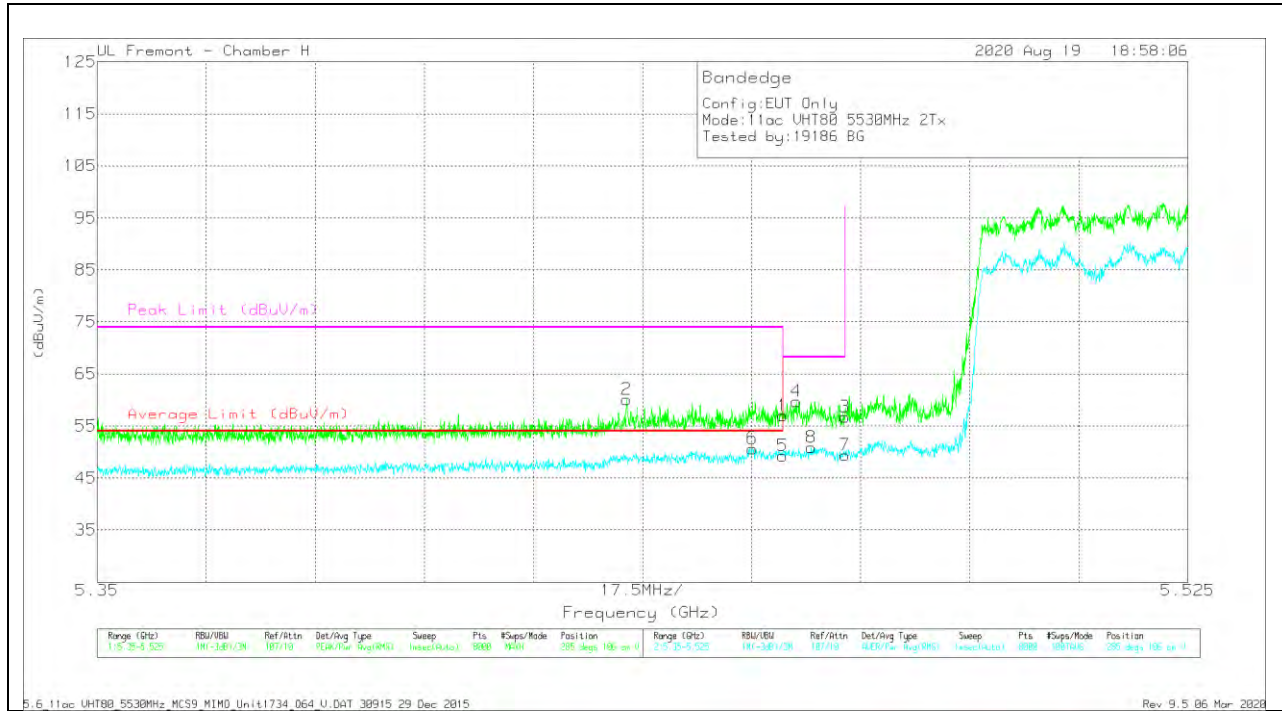
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/CB/FIR/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|---------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 41.58                | Pk  | 35.2          | -20.9               | 0            | 55.88                      | -                      | -           | 74                  | -18.12         | 9              | 202         | H        |
| 2      | * 5.45035       | 45.96                | Pk  | 35.1          | -20.9               | 0            | 60.16                      | -                      | -           | 74                  | -13.84         | 9              | 202         | H        |
| 5      | * 5.45998       | 33.24                | RMS | 35.2          | -20.9               | 1.31         | 48.85                      | 54                     | -5.15       | -                   | -              | 9              | 202         | H        |
| 6      | * 5.4662        | 35.13                | RMS | 35.3          | -20.9               | 1.31         | 50.84                      | 54                     | -3.16       | -                   | -              | 9              | 202         | H        |
| 8      | 5.4663          | 35.46                | RMS | 35.2          | -20.9               | 1.31         | 51.07                      | -                      | -           | -                   | -              | 9              | 202         | H        |
| 4      | 5.46705         | 44.88                | Pk  | 35.3          | -20.9               | 0            | 59.28                      | -                      | -           | 68.2                | -8.92          | 9              | 202         | H        |
| 3      | 5.46998         | 42.96                | Pk  | 35.3          | -21                 | 0            | 56.66                      | -                      | -           | 68.2                | -11.54         | 9              | 202         | H        |
| 7      | 5.46998         | 33.3                 | RMS | 35.3          | -21                 | 1.31         | 48.91                      | -                      | -           | -                   | -              | 9              | 202         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1863 (dBm) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|-----------------|-------------|----------|
| 1      | * 5.45998       | 42.73                | PK  | 35.2          | -20.9                | 0            | 57.03                      | -                      | -           | 74                  | -16.97         | 285             | 106         | V        |
| 2      | * 5.43495       | 45.84                | PK  | 35.1          | -20.8                | 0            | 60.14                      | -                      | -           | 74                  | -13.86         | 285             | 106         | V        |
| 5      | * 5.45998       | 33.68                | RMS | 35.2          | -20.9                | 1.31         | 49.29                      | 54                     | -4.71       | -                   | -              | 285             | 106         | V        |
| 6      | * 5.45512       | 34.98                | RMS | 35.3          | -20.9                | 1.31         | 50.69                      | 54                     | -3.31       | -                   | -              | 285             | 106         | V        |
| 4      | 5.46221         | 45.38                | PK  | 35.2          | -20.9                | 0            | 59.68                      | -                      | -           | 68.2                | -8.52          | 285             | 106         | V        |
| 8      | 5.46455         | 35.29                | RMS | 35.2          | -20.9                | 1.31         | 50.9                       | -                      | -           | -                   | -              | 285             | 106         | V        |
| 3      | 5.46998         | 42.41                | PK  | 35.3          | -21                  | 0            | 56.71                      | -                      | -           | 68.2                | -11.49         | 285             | 106         | V        |
| 7      | 5.46998         | 33.72                | RMS | 35.3          | -21                  | 1.31         | 49.33                      | -                      | -           | -                   | -              | 285             | 106         | V        |

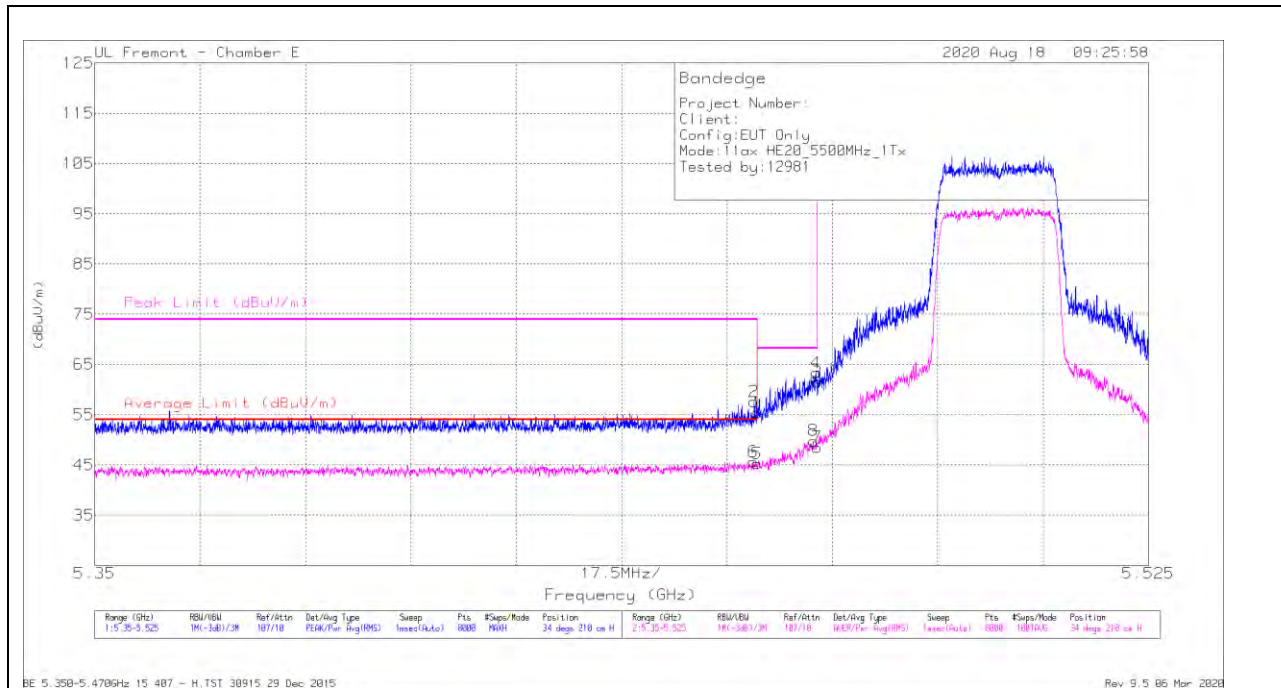
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

# 1.1.16. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6 GHz BAND

## 1TX ANT 5 – SU, RU Index 61

## BANDEDGE (LOW CHANNEL)

## HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 42.59                | Pk  | 34.5           | -21.7                 | 55.39                      | -                      | -           | 74                  | -18.61         | 34             | 210         | H        |
| 2      | * 5.45995       | 44.69                | Pk  | 34.6           | -21.7                 | 57.59                      | -                      | -           | 74                  | -16.41         | 34             | 210         | H        |
| 5      | * 5.45998       | 32.47                | RMS | 34.5           | -21.7                 | 45.27                      | 54                     | -8.73       | -                   | -              | 34             | 210         | H        |
| 6      | * 5.45937       | 32.77                | RMS | 34.6           | -21.7                 | 45.67                      | 54                     | -8.33       | -                   | -              | 34             | 210         | H        |
| 8      | 5.46932         | 36.92                | RMS | 34.6           | -21.7                 | 49.82                      | -                      | -           | -                   | -              | 34             | 210         | H        |
| 4      | 5.46974         | 50.48                | Pk  | 34.6           | -21.7                 | 63.38                      | -                      | -           | 68.2                | -4.82          | 34             | 210         | H        |
| 3      | 5.46998         | 48.57                | Pk  | 34.6           | -21.7                 | 61.47                      | -                      | -           | 68.2                | -6.73          | 34             | 210         | H        |
| 7      | 5.46998         | 35.58                | RMS | 34.6           | -21.7                 | 48.48                      | -                      | -           | -                   | -              | 34             | 210         | H        |

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

2020 Aug 18 10:25:30

Bandedge

Project Number:  
Client:  
Config: EUT Only  
Mode: 11ax HE20\_5500MHz\_1Tx  
Tested by: 12981

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

dBuV/m

Frequency (GHz)

5.35 17.5MHz/ 5.525

| Range (GHz) | RBW/MBW | Ref/Att (dB) | Det/Avg Type | Sweep | Pts  | #Seps/Mode | Position | Range (GHz) | RBW/MBW | Ref/Att (dB) | Det/Avg Type | Sweep | Pts  | #Seps/Mode | Position |
|-------------|---------|--------------|--------------|-------|------|------------|----------|-------------|---------|--------------|--------------|-------|------|------------|----------|
| 5.350-5.470 | 100/100 | 10/10        | Peak/Avg     | 1000  | 1000 | 1000       | 200      | 5.350-5.470 | 100/100 | 10/10        | Peak/Avg     | 1000  | 1000 | 1000       | 200      |

RE 5.350-5.470GHz 15 487 - V, TST 30915 29 Dec 2015

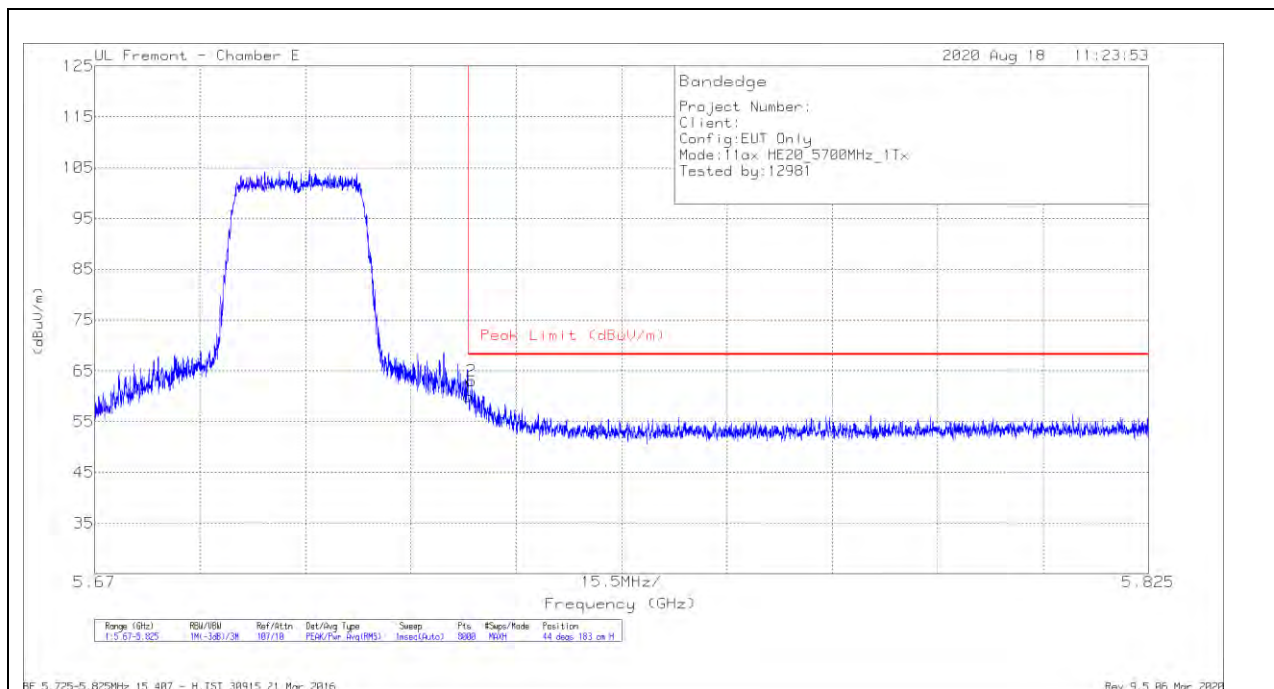
Rev 9.5 06 Mar 2020

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cb/Fitr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (Degr) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|------------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.69                | Pk  | 34.5           | -21.7                 | 53.49                      | -                      | -           | 74                  | -20.51           | 272            | 118         | V        |
| 2      | * 5.44591       | 42.99                | Pk  | 34.5           | -21.7                 | 55.79                      | -                      | -           | 74                  | -18.21           | 272            | 118         | V        |
| 5      | * 5.45998       | 31.07                | RMS | 34.5           | -21.7                 | 42.67                      | 54                     | -10.13      | -                   | -                | 272            | 118         | V        |
| 6      | * 5.45475       | 32.22                | RMS | 34.6           | -21.7                 | 45.12                      | 54                     | -8.88       | -                   | -                | 272            | 118         | V        |
| 4      | 5.46118         | 47.89                | Pk  | 34.5           | -21.7                 | 60.69                      | -                      | -           | 68.2                | -7.51            | 272            | 118         | V        |
| 8      | 5.46954         | 34.61                | RMS | 34.6           | -21.7                 | 47.51                      | -                      | -           | -                   | -                | 272            | 118         | V        |
| 3      | 5.46998         | 46.16                | Pk  | 34.6           | -21.7                 | 59.06                      | -                      | -           | 68.2                | -9.14            | 272            | 118         | V        |
| 7      | 5.46998         | 34.09                | RMS | 34.6           | -21.7                 | 46.99                      | -                      | -           | -                   | -                | 272            | 118         | V        |

Page 193 of 439

## BANDEDGE (HIGH CHANNEL)

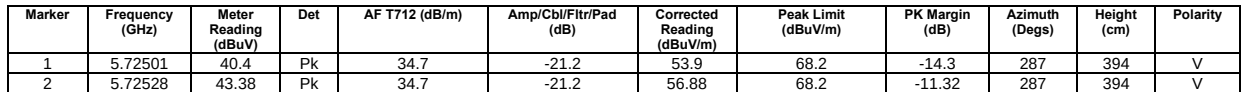
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 46.47                | Pk  | 34.7           | -21.2                  | 59.97                      | 68.2                | -8.23          | 44             | 183         | H        |
| 2      | 5.72546         | 49.48                | Pk  | 34.7           | -21.2                  | 62.98                      | 68.2                | -5.22          | 44             | 183         | H        |

Pk - Peak detector

## Page 195 of 439



UL VERIFICATION SERVICES INC.

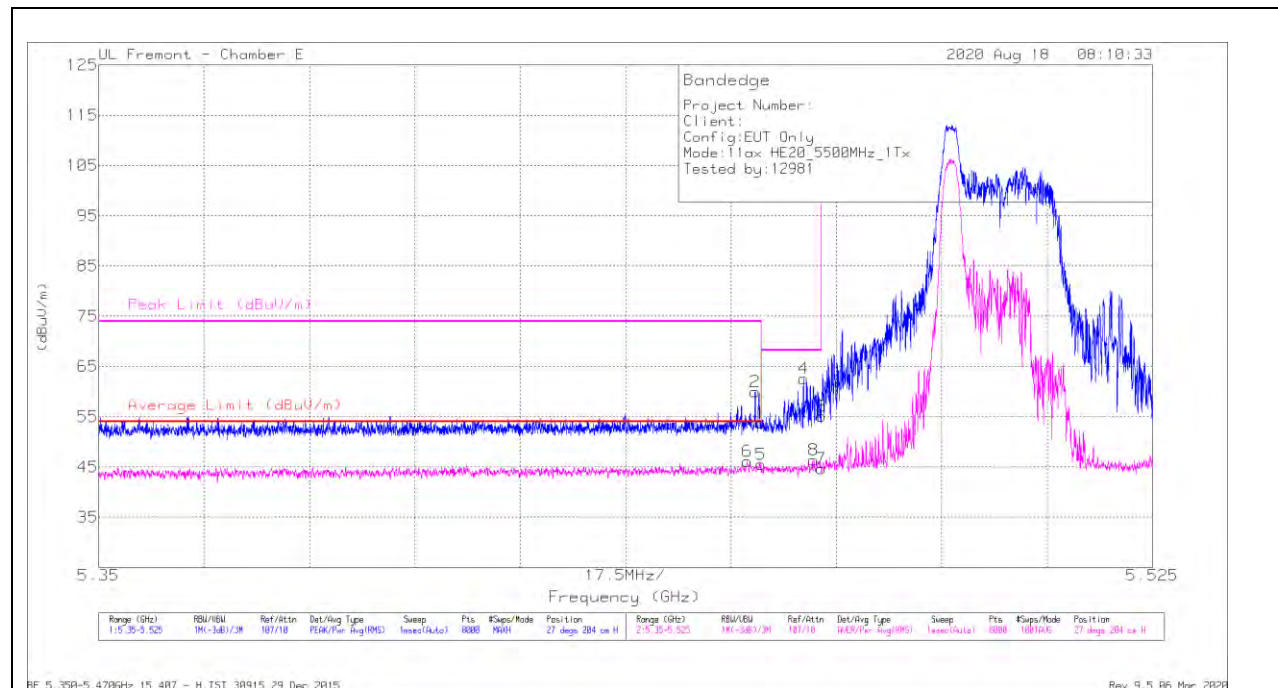
FAX:(510) 661-0888

*This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.*

**1TX ANT 5 – 26 Tones, RU Index 0**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.98                | Pk  | 34.5           | -21.7                 | 53.78                      | -                      | -           | 74                  | -20.22         | 27             | 204         | H        |
| 2      | * 5.45902       | 47.02                | Pk  | 34.6           | -21.7                 | 59.92                      | -                      | -           | 74                  | -14.08         | 27             | 204         | H        |
| 5      | * 5.45998       | 32.73                | RMS | 34.5           | -21.7                 | 45.53                      | 54                     | -8.47       | -                   | -              | 27             | 204         | H        |
| 6      | * 5.45771       | 33.26                | RMS | 34.6           | -21.7                 | 46.16                      | 54                     | -7.84       | -                   | -              | 27             | 204         | H        |
| 4      | 5.46705         | 49.77                | Pk  | 34.5           | -21.7                 | 62.57                      | -                      | -           | 68.2                | -5.63          | 27             | 204         | H        |
| 8      | 5.46875         | 33.62                | RMS | 34.5           | -21.7                 | 46.42                      | -                      | -           | -                   | -              | 27             | 204         | H        |
| 3      | 5.46998         | 42.25                | Pk  | 34.6           | -21.7                 | 55.15                      | -                      | -           | 68.2                | -13.05         | 27             | 204         | H        |
| 7      | 5.46998         | 31.7                 | RMS | 34.6           | -21.7                 | 44.6                       | -                      | -           | -                   | -              | 27             | 204         | H        |

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

2020 Aug 18 08:42:35

Bandedge

Project Number:

Client:

Config: EUT Only

Mode: 11ax HE20\_5500MHz\_1Tx

Tested by: 12981

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

2

65

87

5.35

17.5MHz/

Frequency (GHz)

5.525

| Range (GHz)    | RBW/VBW      | Ref/Att | Det/Avg Type | Sweep | Pts  | #Sweeps/Mode | Position | Range (GHz)    | RBW/VBW      | Ref/Att | Det/Avg Type | Sweep | Pts  | #Sweeps/Mode | Position |
|----------------|--------------|---------|--------------|-------|------|--------------|----------|----------------|--------------|---------|--------------|-------|------|--------------|----------|
| 1.5, 30.5, 5.0 | 100, 100, 10 | 10, 10  | Peak, Avg    | 1000  | 1000 | 1000         | 272      | 2.0, 10.5, 5.0 | 100, 100, 10 | 10, 10  | Peak, Avg    | 1000  | 1000 | 1000         | 272      |

RE 5.350-5.470GHz 15.487 - V, TST 30915 29 Dec 2015

Rev 9.5 06 Mar 2020

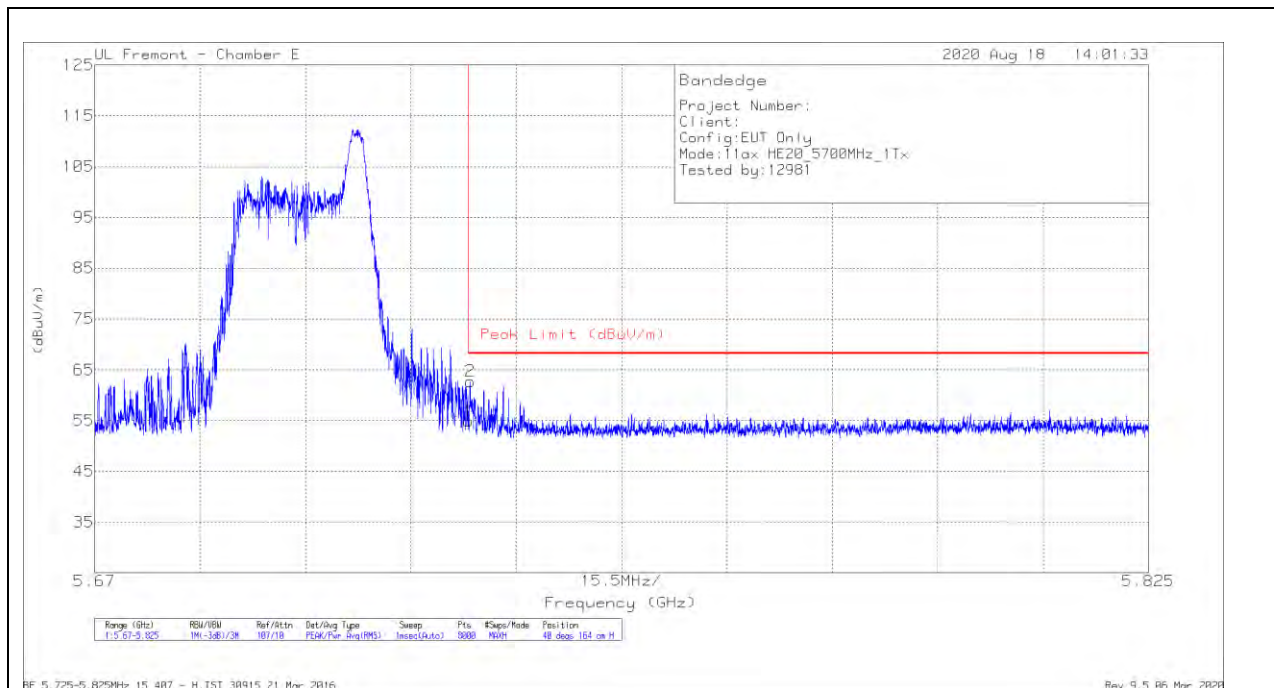
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dBm) | Amp/CB/Filter/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.03                | Pk  | 34.5          | -21.7                  | 52.83                      | -                      | -           | 74                  | -21.17         | 272            | 196         | V        |
| 2      | * 5.4178        | 44.7                 | Pk  | 34.5          | -21.8                  | 57.4                       | -                      | -           | 74                  | -16.6          | 272            | 196         | V        |
| 5      | * 5.45998       | 31.5                 | RMS | 34.5          | -                      | 44.3                       | 54                     | -9.7        | -                   | -              | 272            | 196         | V        |
| 6      | * 5.45816       | 32.59                | RMS | 34.5          | -21.7                  | 45.49                      | 54                     | -8.51       | -                   | -              | 272            | 196         | V        |
| 8      | 5.46854         | 32.64                | RMS | 34.5          | -21.7                  | 45.44                      | -                      | -           | -                   | -              | 272            | 196         | V        |
| 4      | 5.46978         | 46.72                | Pk  | 34.6          | -21.7                  | 59.62                      | -                      | -           | 68.2                | -8.58          | 272            | 196         | V        |
| 3      | 5.46998         | 41.34                | Pk  | 34.6          | -21.7                  | 54.24                      | -                      | -           | 68.2                | -13.96         | 272            | 196         | V        |
| 7      | 5.46998         | 31.81                | RMS | 34.6          | -21.7                  | 44.71                      | -                      | -           | -                   | -              | 272            | 196         | V        |

Page 197 of 439

**1TX ANT 5 – 26 Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

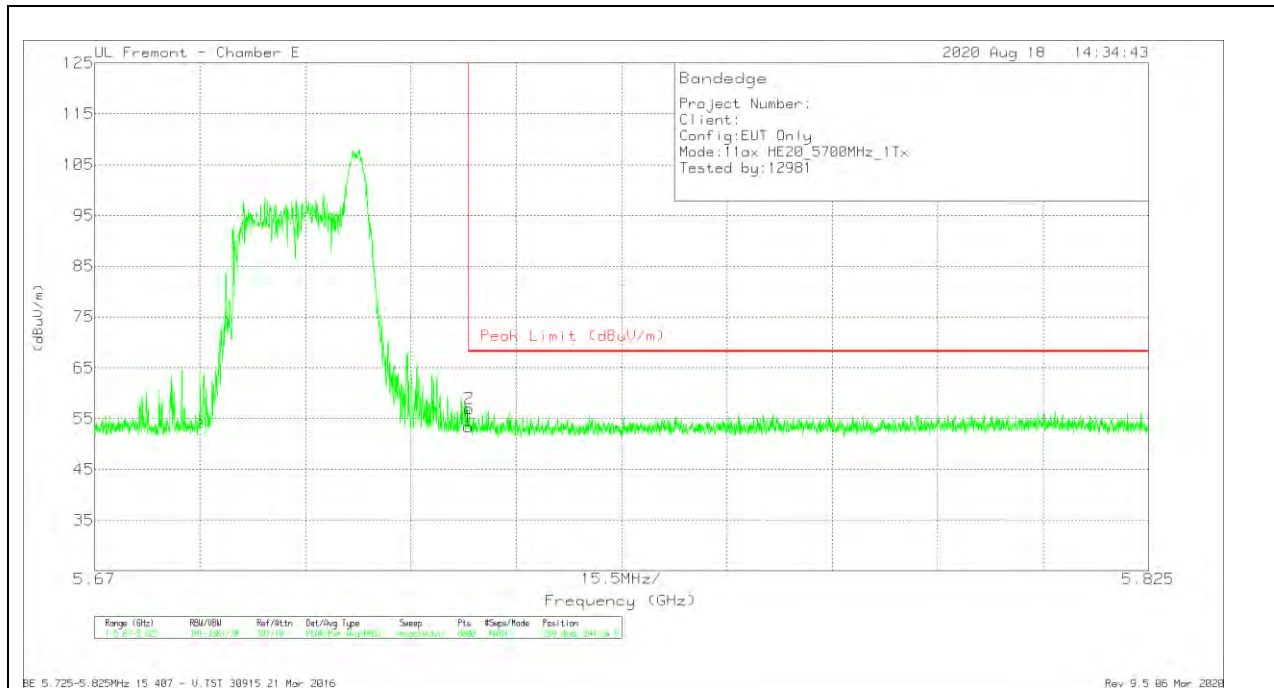
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 41.44                | Pk  | 34.7           | -21.2                 | 54.94                      | 68.2                | -13.26         | 40             | 164         | H        |
| 2      | 5.72522         | 49.22                | Pk  | 34.7           | -21.2                 | 62.72                      | 68.2                | -5.48          | 40             | 164         | H        |

Pk - Peak detector

## VERTICAL RESULT



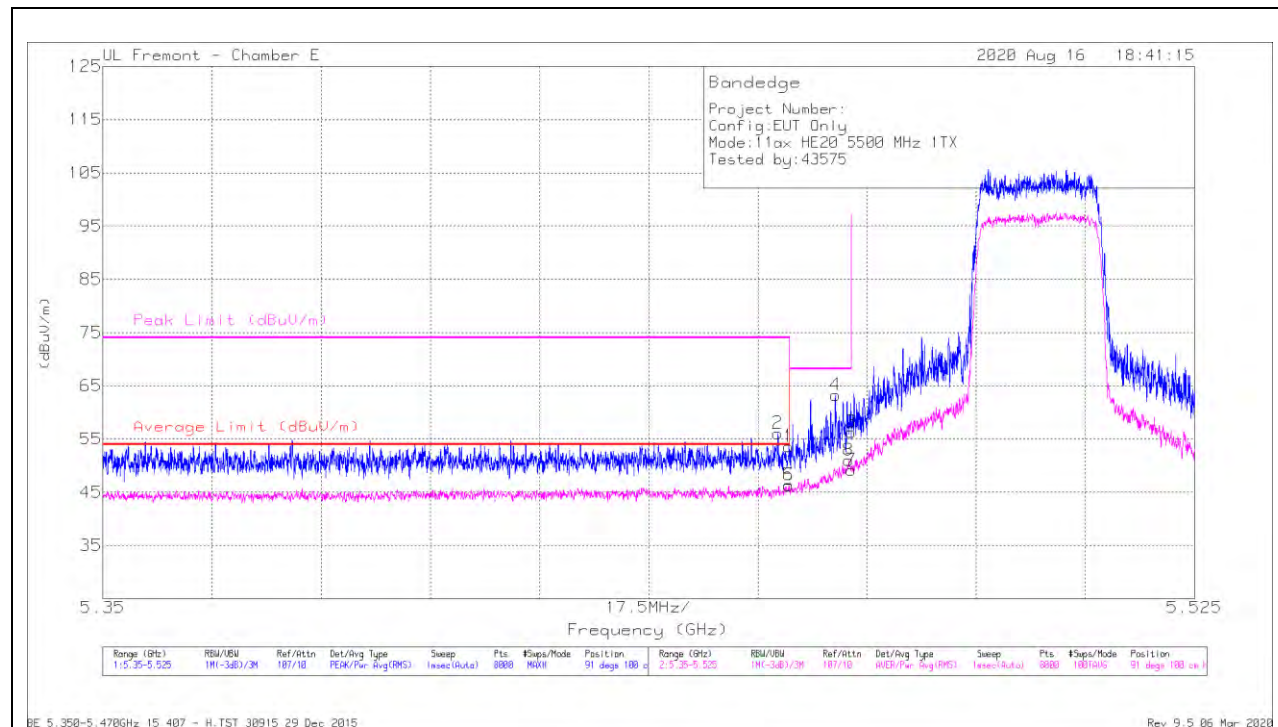
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 39.97                | Pk  | 34.7           | -21.2                  | 53.47                      | 68.2                | -14.73         | 289            | 394         | V        |
| 2      | 5.72509         | 43.46                | Pk  | 34.7           | -21.2                  | 56.96                      | 68.2                | -11.24         | 289            | 394         | V        |

Pk - Peak detector

**1TX ANT 6 – SU, RU Index 61**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 40.79                | Pk  | 34.5           | -21.7                 | 53.59                      | -                      | -           | 74                  | -20.41         | 91             | 100         | H        |
| 2      | * 5.45819       | 43.17                | Pk  | 34.6           | -21.7                 | 56.07                      | -                      | -           | 74                  | -17.93         | 91             | 100         | H        |
| 5      | * 5.45998       | 33.52                | RMS | 34.5           | -21.7                 | 46.32                      | 54                     | -7.68       | -                   | -              | 91             | 100         | H        |
| 6      | * 5.45996       | 33.5                 | RMS | 34.5           | -21.7                 | 46.3                       | 54                     | -7.7        | -                   | -              | 91             | 100         | H        |
| 4      | 5.46742         | 50.45                | Pk  | 34.5           | -21.7                 | 63.25                      | -                      | -           | 68.2                | -4.95          | 91             | 100         | H        |
| 8      | 5.46954         | 38.1                 | RMS | 34.6           | -21.7                 | 51                         | -                      | -           | -                   | -              | 91             | 100         | H        |
| 3      | 5.46998         | 43.4                 | Pk  | 34.6           | -21.7                 | 56.3                       | -                      | -           | 68.2                | -11.9          | 91             | 100         | H        |
| 7      | 5.46998         | 36.26                | RMS | 34.6           | -21.7                 | 49.16                      | -                      | -           | -                   | -              | 91             | 100         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection