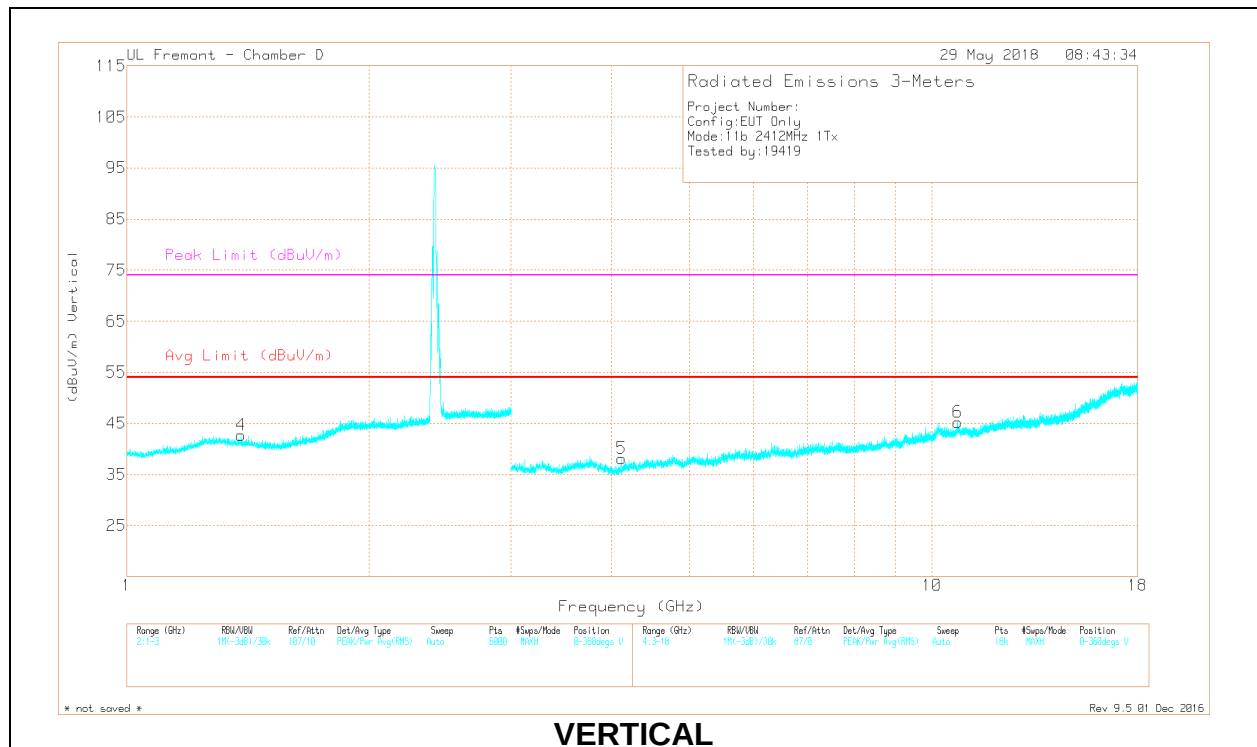
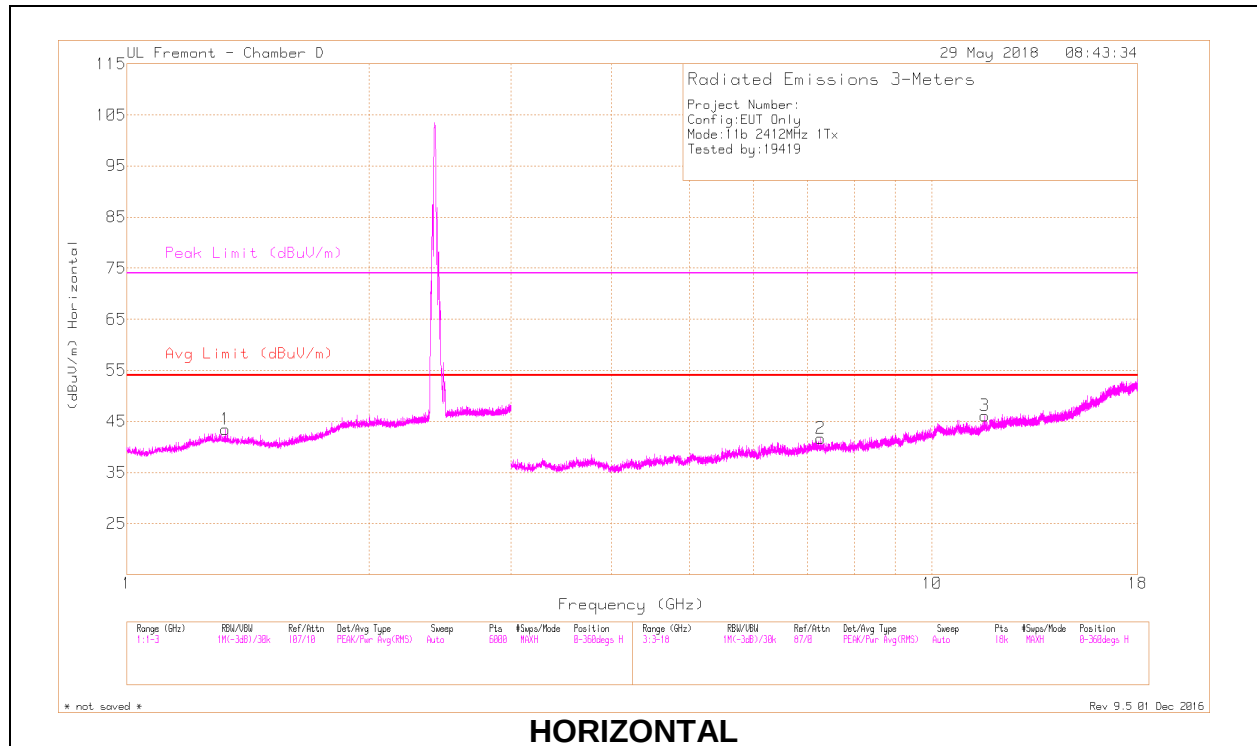


## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

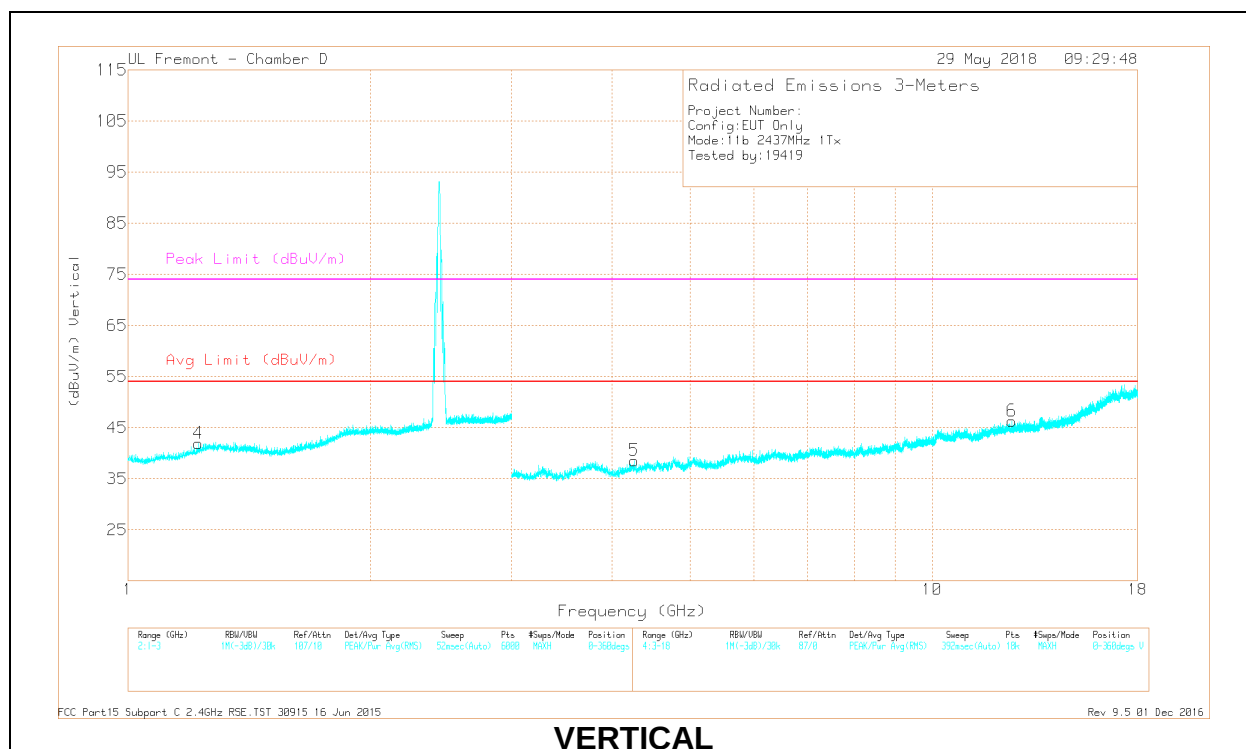
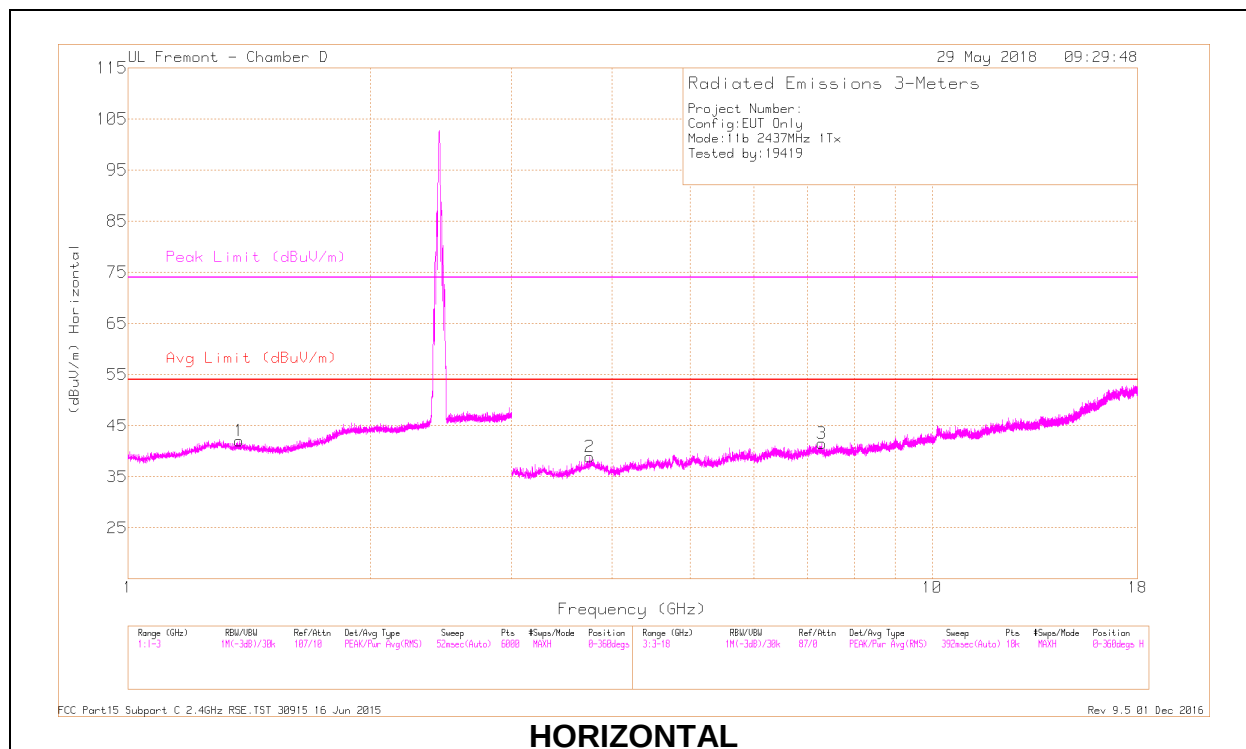
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.319         | 43.59                | PK2  | 29.1           | -21.9                   | 50.79                      | -                  | -           | 74                  | -23.21         | 102            | 171         | H        |
|        | * 1.312         | 30.24                | MAv1 | 29.2           | -22                     | 37.44                      | 54                 | -16.56      | -                   | -              | 102            | 171         | H        |
| 4      | * 1.385         | 42.24                | PK2  | 28.8           | -21.9                   | 49.14                      | -                  | -           | 74                  | -24.86         | 54             | 238         | V        |
|        | * 1.387         | 30.2                 | MAv1 | 28.8           | -21.9                   | 37.1                       | 54                 | -16.9       | -                   | -              | 54             | 238         | V        |
| 2      | * 7.274         | 36.11                | PK2  | 36.2           | -24.3                   | 48.01                      | -                  | -           | 74                  | -25.99         | 214            | 325         | H        |
|        | * 7.275         | 24.49                | MAv1 | 36.2           | -24.3                   | 36.39                      | 54                 | -17.61      | -                   | -              | 214            | 325         | H        |
| 3      | * 11.631        | 33.55                | PK2  | 38.3           | -19.7                   | 52.15                      | -                  | -           | 74                  | -21.85         | 239            | 228         | H        |
|        | * 11.638        | 21.84                | MAv1 | 38.3           | -19.8                   | 40.34                      | 54                 | -13.66      | -                   | -              | 239            | 228         | H        |
| 5      | * 4.122         | 37.5                 | PK2  | 33.6           | -27.7                   | 43.4                       | -                  | -           | 74                  | -30.6          | 273            | 348         | V        |
|        | * 4.128         | 26.07                | MAv1 | 33.6           | -27.7                   | 31.97                      | 54                 | -22.03      | -                   | -              | 273            | 348         | V        |
| 6      | * 10.767        | 33.24                | PK2  | 37.7           | -19.4                   | 51.54                      | -                  | -           | 74                  | -22.46         | 232            | 148         | V        |
|        | * 10.766        | 21.95                | MAv1 | 37.7           | -19.4                   | 40.25                      | 54                 | -13.75      | -                   | -              | 232            | 148         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL, CH 6 RESULTS



## RADIATED EMISSIONS

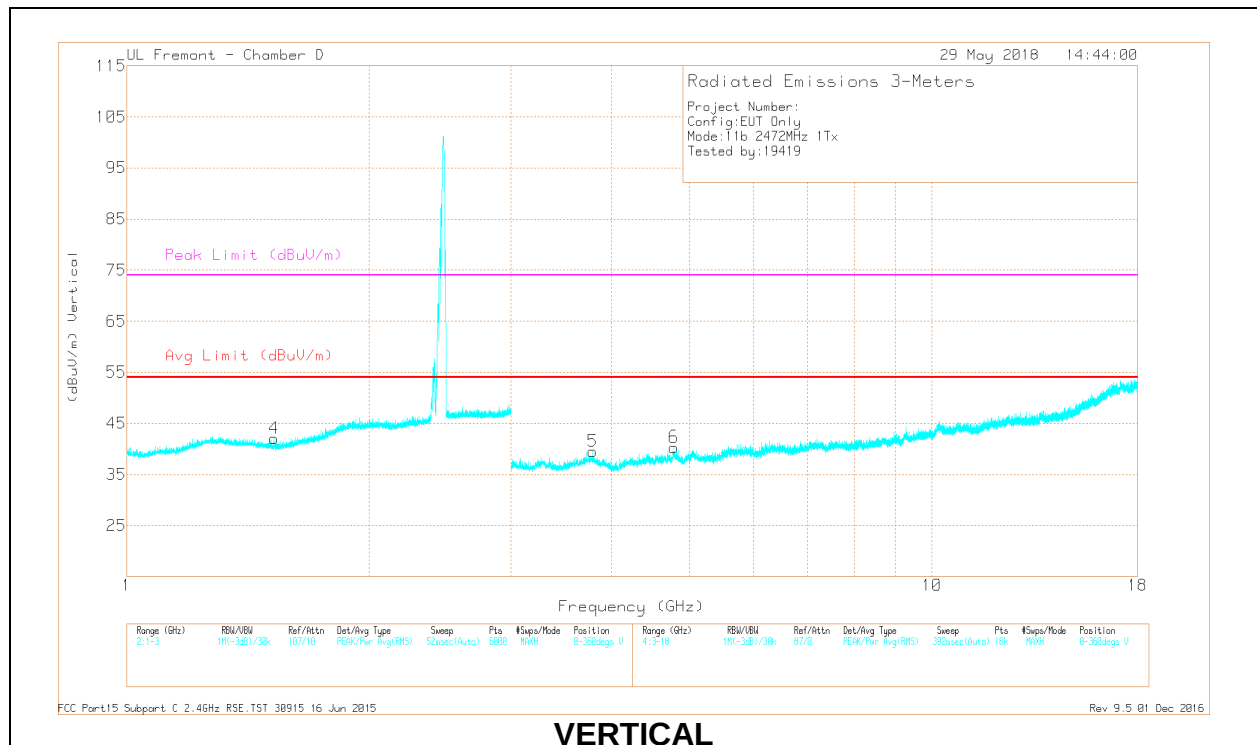
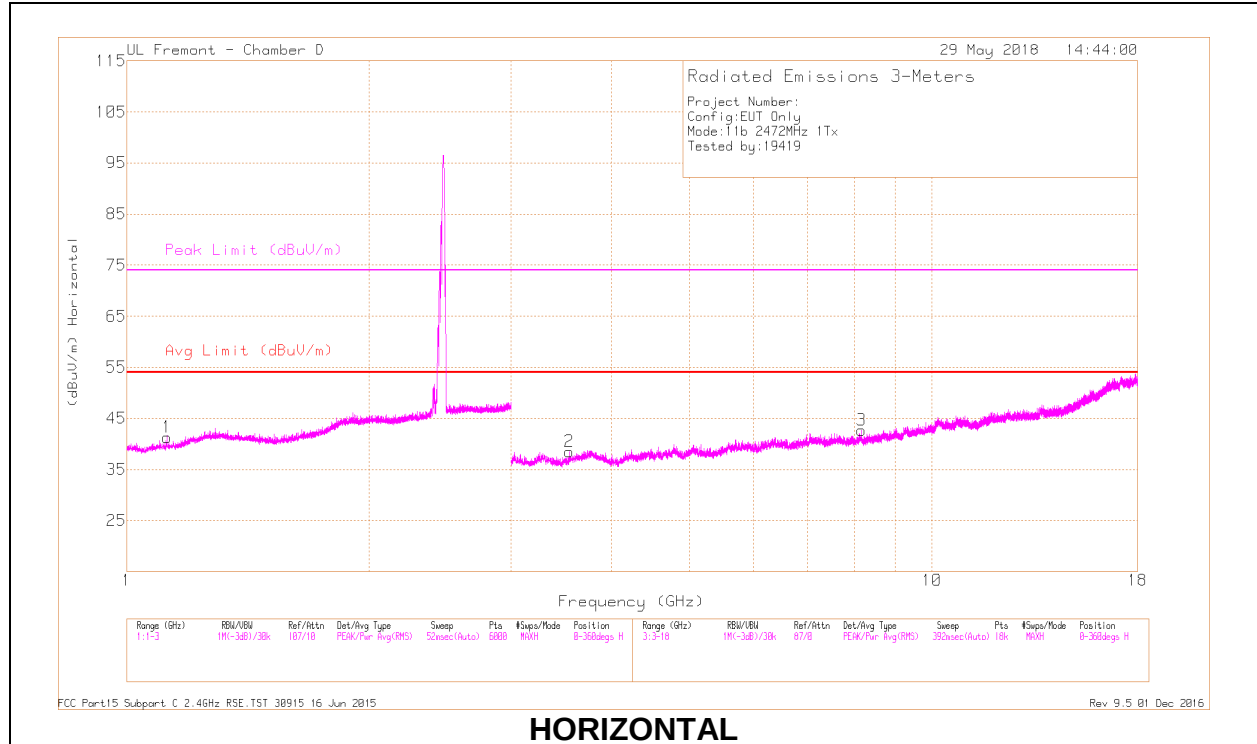
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T136<br>(dB/m) | Amp/Cbl/Fitr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|---------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 1.374                | 41.55                      | PK2  | 28.8              | -21.9                     | 48.45                                | -                     | -              | 74                     | -25.55               | 86                | 202            | H        |
|        | * 1.375                | 29.75                      | MAv1 | 28.8              | -21.9                     | 36.65                                | 54                    | -17.35         | -                      | -                    | 86                | 202            | H        |
| 4      | * 1.233                | 42.37                      | PK2  | 28.8              | -22                       | 49.17                                | -                     | -              | 74                     | -24.83               | 291               | 291            | V        |
|        | * 1.209                | 29.85                      | MAv1 | 28.4              | -22.1                     | 36.15                                | 54                    | -17.85         | -                      | -                    | 291               | 291            | V        |
| 2      | * 3.746                | 37.56                      | PK2  | 33.5              | -28                       | 43.06                                | -                     | -              | 74                     | -30.94               | 92                | 249            | H        |
|        | * 3.735                | 26.22                      | MAv1 | 33.4              | -28.2                     | 31.42                                | 54                    | -22.58         | -                      | -                    | 92                | 249            | H        |
| 3      | * 7.294                | 35.62                      | PK2  | 36.1              | -24.2                     | 47.52                                | -                     | -              | 74                     | -26.48               | 299               | 384            | H        |
|        | * 7.279                | 24.06                      | MAv1 | 36.2              | -24.3                     | 35.96                                | 54                    | -18.04         | -                      | -                    | 299               | 384            | H        |
| 5      | * 4.271                | 36.98                      | PK2  | 33.9              | -27.7                     | 43.18                                | -                     | -              | 74                     | -30.82               | 156               | 326            | V        |
|        | * 4.27                 | 25.58                      | MAv1 | 33.9              | -27.6                     | 31.88                                | 54                    | -22.12         | -                      | -                    | 156               | 326            | V        |
| 6      | * 12.565               | 34.03                      | PK2  | 39.1              | -20.6                     | 52.53                                | -                     | -              | 74                     | -21.47               | 341               | 202            | V        |
|        | * 12.565               | 22.11                      | MAv1 | 39.1              | -20.6                     | 40.61                                | 54                    | -13.39         | -                      | -                    | 341               | 202            | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL, CH 13 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.133         | 42.47                | PK2  | 27.4           | -22.2                   | 47.67                      | -                  | -           | 74                  | -26.33         | 338            | 232         | H        |
|        | * 1.13          | 30.35                | MAv1 | 27.4           | -22.2                   | 35.55                      | 54                 | -18.45      | -                   | -              | 338            | 232         | H        |
| 4      | * 1.526         | 41.95                | PK2  | 28             | -21.6                   | 48.35                      | -                  | -           | 74                  | -25.65         | 305            | 352         | V        |
|        | * 1.533         | 30                   | MAv1 | 28             | -21.7                   | 36.3                       | 54                 | -17.7       | -                   | -              | 305            | 352         | V        |
| 2      | * 3.557         | 39.96                | PK2  | 33.4           | -27.9                   | 45.46                      | -                  | -           | 74                  | -28.54         | 319            | 110         | H        |
|        | * 3.557         | 27.65                | MAv1 | 33.4           | -27.9                   | 33.15                      | 54                 | -20.85      | -                   | -              | 319            | 110         | H        |
| 3      | * 8.174         | 35.48                | PK2  | 35.8           | -22.7                   | 48.58                      | -                  | -           | 74                  | -25.42         | 42             | 112         | H        |
|        | * 8.175         | 23.78                | MAv1 | 35.8           | -22.7                   | 36.88                      | 54                 | -17.12      | -                   | -              | 42             | 112         | H        |
| 5      | * 3.791         | 38.45                | PK2  | 33.6           | -28                     | 44.05                      | -                  | -           | 74                  | -29.95         | 306            | 116         | V        |
|        | * 3.773         | 26.8                 | MAv1 | 33.5           | -27.8                   | 32.5                       | 54                 | -21.5       | -                   | -              | 306            | 116         | V        |
| 6      | * 4.767         | 37.82                | PK2  | 34.5           | -26.3                   | 46.02                      | -                  | -           | 74                  | -27.98         | 150            | 344         | V        |
|        | * 4.766         | 26.45                | MAv1 | 34.6           | -26.3                   | 34.75                      | 54                 | -19.25      | -                   | -              | 150            | 344         | V        |

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

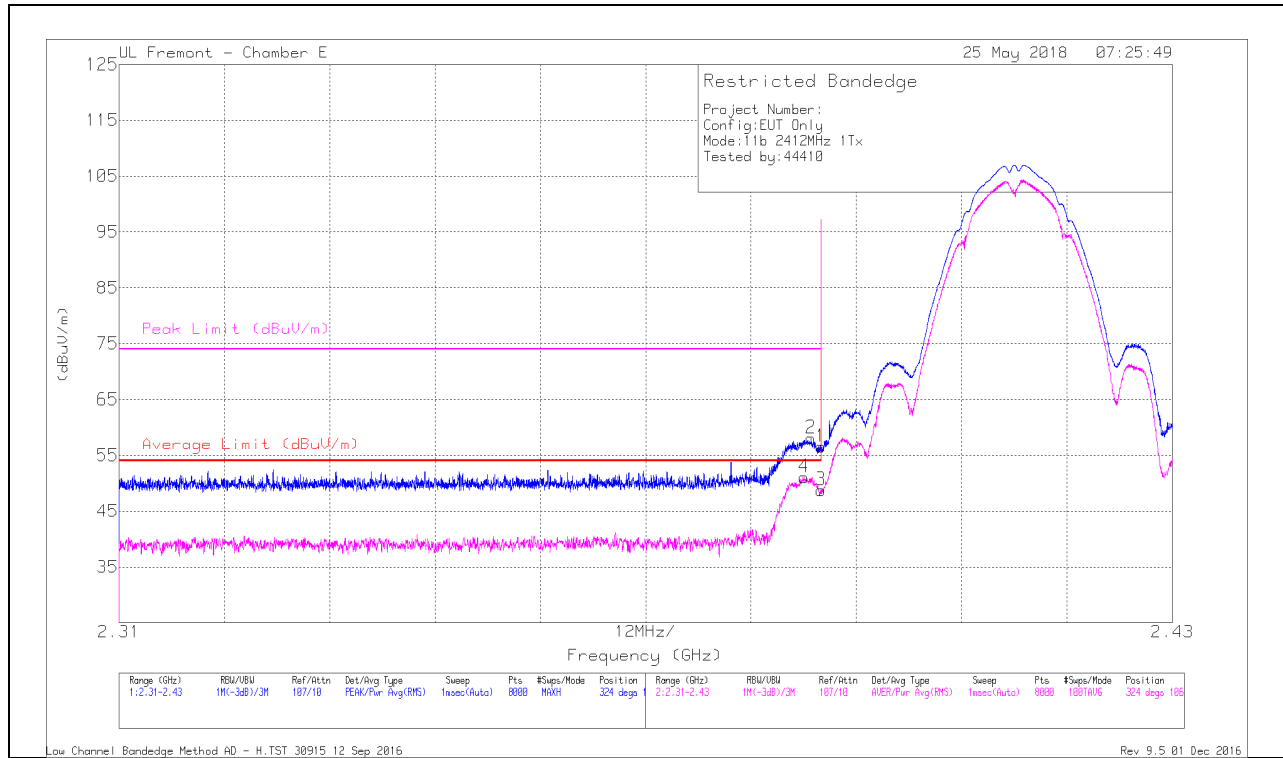
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL, CH 1)**

**HORIZONTAL RESULT**



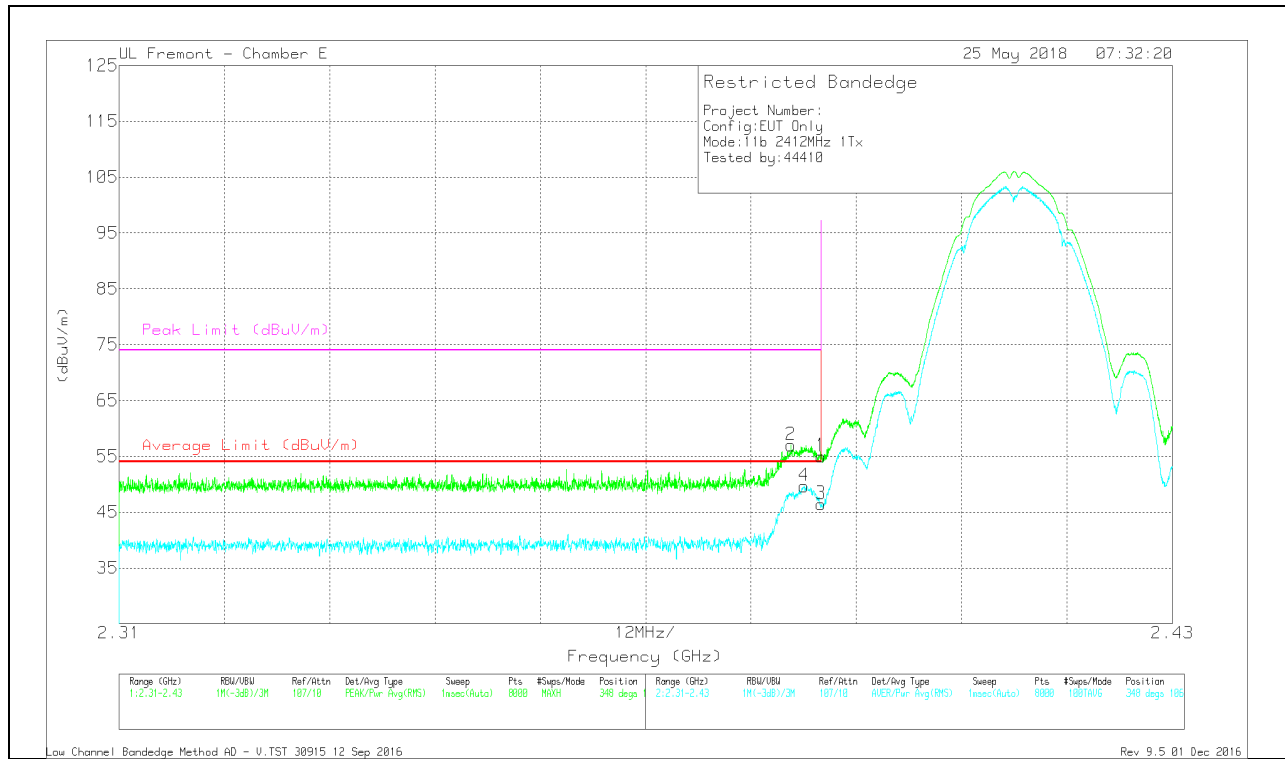
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 47.16                | Pk  | 32             | -22.6                    | 56.56                      | -                      | -           | 74                  | -17.44         | 324            | 106         | H        |
| 2      | * 2.389         | 48.75                | Pk  | 31.9           | -22.6                    | 58.05                      | -                      | -           | 74                  | -15.95         | 324            | 106         | H        |
| 3      | * 2.39          | 39.37                | RMS | 32             | -22.6                    | 48.77                      | 54                     | -5.23       | -                   | -              | 324            | 106         | H        |
| 4      | * 2.388         | 41.78                | RMS | 31.9           | -22.6                    | 51.08                      | 54                     | -2.92       | -                   | -              | 324            | 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 T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 45.62                | Pk  | 32             | -22.6                    | 55.02                      | -                      | -           | 74                  | -18.98         | 348            | 106         | V        |
| 2      | * 2.387         | 47.71                | Pk  | 31.9           | -22.6                    | 57.01                      | -                      | -           | 74                  | -16.99         | 348            | 106         | V        |
| 3      | * 2.39          | 37.05                | RMS | 32             | -22.6                    | 46.45                      | 54                     | -7.55       | -                   | -              | 348            | 106         | V        |
| 4      | * 2.388         | 40.37                | RMS | 31.9           | -22.6                    | 49.67                      | 54                     | -4.33       | -                   | -              | 348            | 106         | V        |

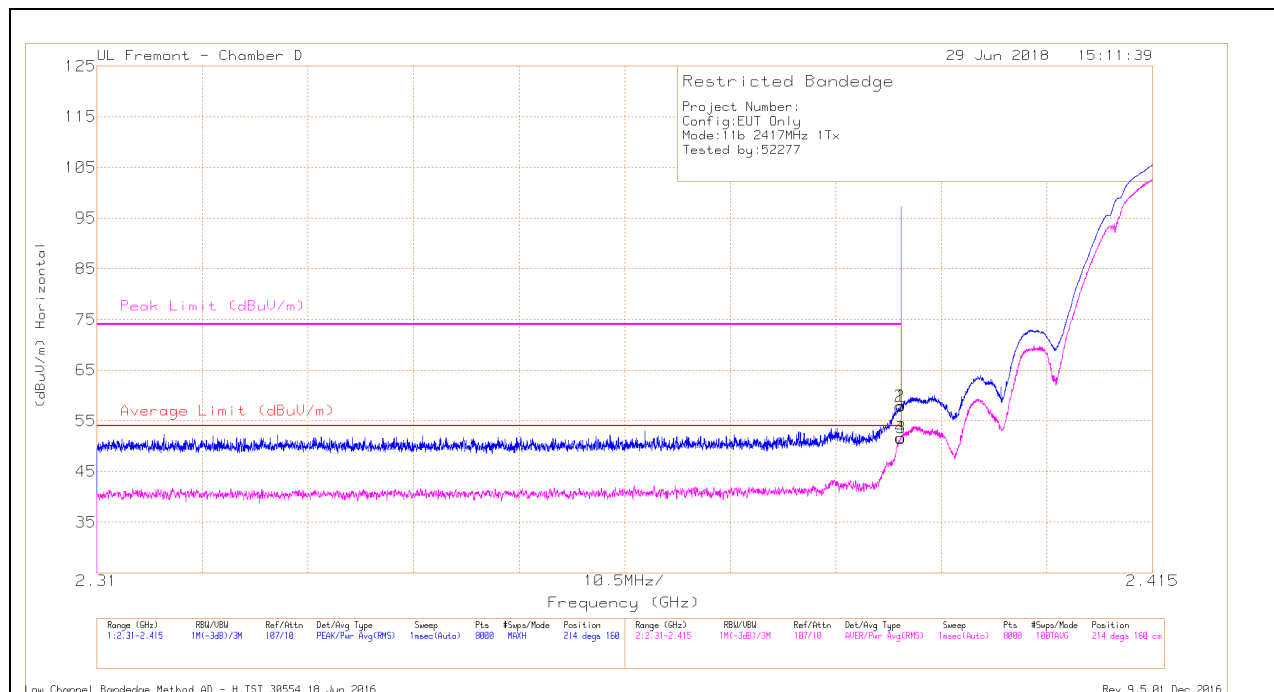
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 2)**

## **HORIZONTAL RESULT**



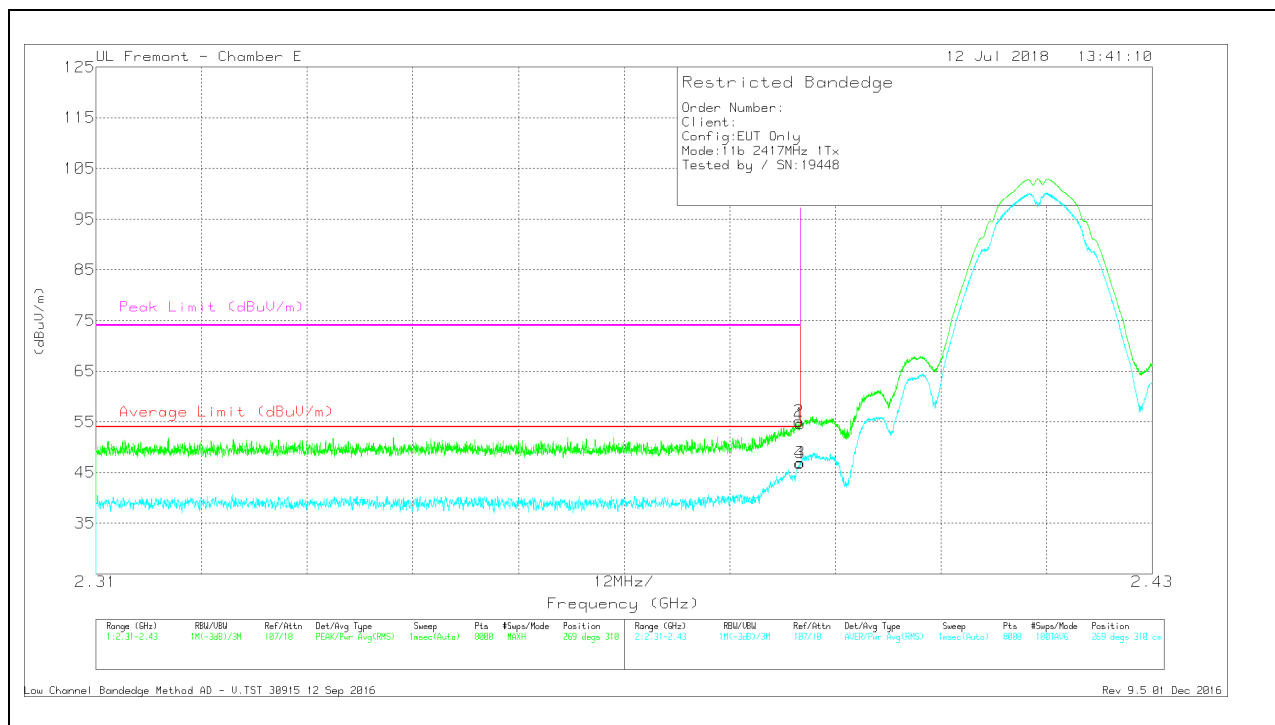
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cb/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 46.41                | Pk  | 32.1           | -20.5                 | 58.01                      | -                      | -           | 74                  | -15.99         | 214            | 160         | H        |
| 2      | * 2.39          | 46.25                | Pk  | 32.1           | -20.5                 | 57.85                      | -                      | -           | 74                  | -16.15         | 214            | 160         | H        |
| 3      | * 2.39          | 40.04                | RMS | 32.1           | -20.5                 | 51.64                      | 54                     | -2.36       | -                   | -              | 214            | 160         | H        |
| 4      | * 2.39          | 40                   | RMS | 32.1           | -20.5                 | 51.6                       | 54                     | -2.4        | -                   | -              | 214            | 160         | 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 | AFT346 (dB/m) | Amp/Cb/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      | * 2.39          | 45.24                | Pk  | 32            | -22.6                  | 54.64                      | -                      | -           | 74                  | -19.36         | 269            | 310         | V        |
| 2      | * 2.39          | 45.72                | Pk  | 32            | -22.6                  | 55.12                      | -                      | -           | 74                  | -18.88         | 269            | 310         | V        |
| 3      | * 2.39          | 37.56                | RMS | 32            | -22.6                  | 46.96                      | 54                     | -7.04       | -                   | -              | 269            | 310         | V        |
| 4      | * 2.39          | 37.47                | RMS | 32            | -22.6                  | 46.87                      | 54                     | -7.13       | -                   | -              | 269            | 310         | V        |

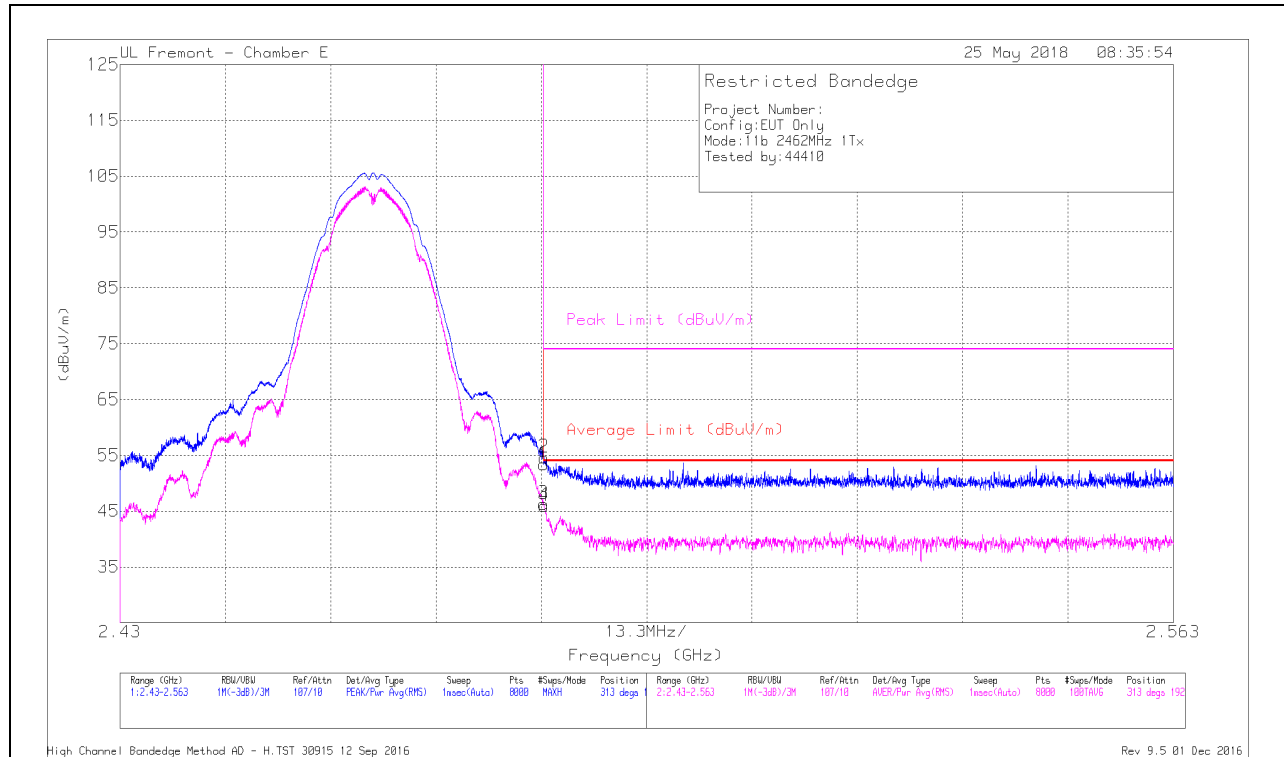
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 11)**

## **HORIZONTAL RESULT**



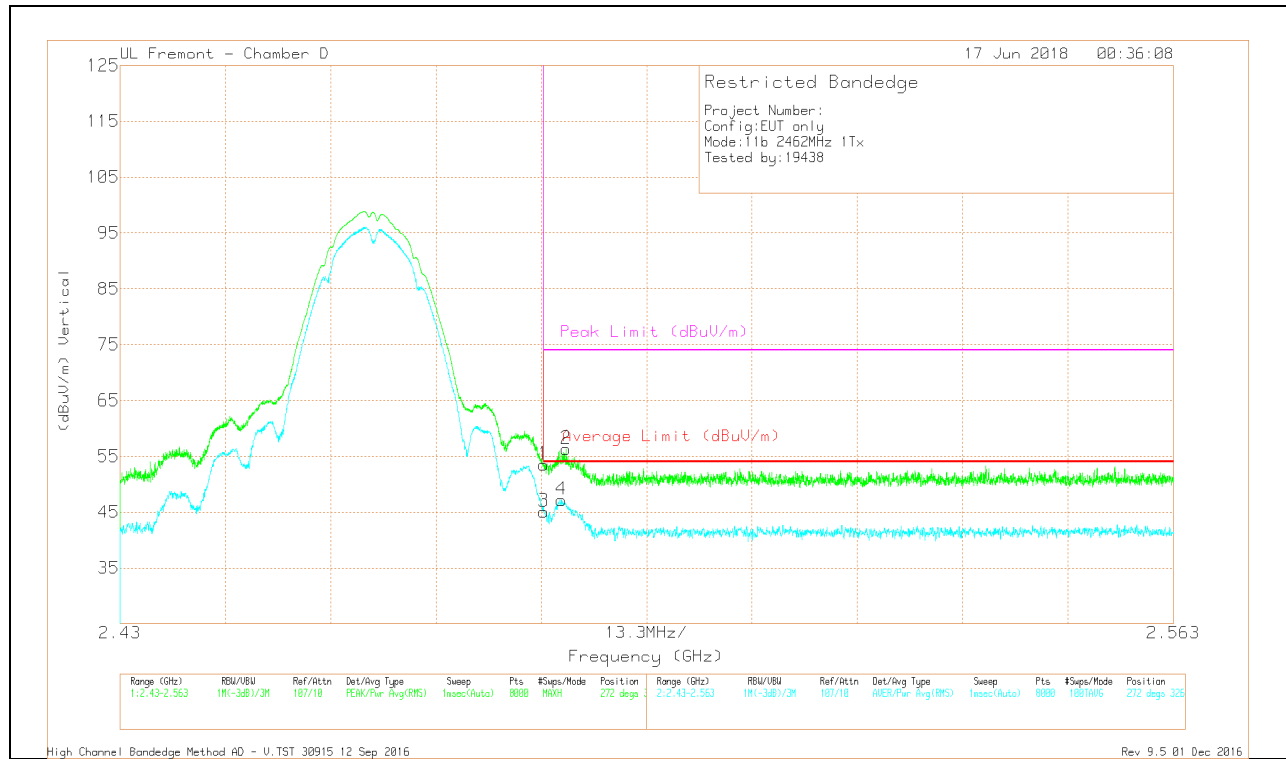
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 43.55                | Pk  | 32.1           | -22.3                    | 53.35                      | -                      | -           | 74                  | -20.65         | 313            | 192         | H        |
| 2      | * 2.484         | 44.82                | Pk  | 32.1           | -22.3                    | 54.62                      | -                      | -           | 74                  | -19.38         | 313            | 192         | H        |
| 3      | * 2.484         | 36.51                | RMS | 32.1           | -22.3                    | 46.31                      | 54                     | -7.69       | -                   | -              | 313            | 192         | H        |
| 4      | * 2.484         | 36.15                | RMS | 32.1           | -22.3                    | 45.95                      | 54                     | -8.05       | -                   | -              | 313            | 192         | 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 T136 (dBm) | 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      | * 2.484         | 41.54                | Pk  | 32.4          | -20.4                  | 53.54                      | -                      | -           | 74                  | -20.46         | 272            | 326         | V        |
| 3      | * 2.484         | 33.12                | RMS | 32.4          | -20.4                  | 45.12                      | 54                     | -8.88       | -                   | -              | 272            | 326         | V        |
| 2      | * 2.486         | 44.43                | Pk  | 32.4          | -20.5                  | 56.33                      | -                      | -           | 74                  | -17.67         | 272            | 326         | V        |
| 4      | * 2.486         | 35.31                | RMS | 32.4          | -20.5                  | 47.21                      | 54                     | -6.79       | -                   | -              | 272            | 326         | V        |

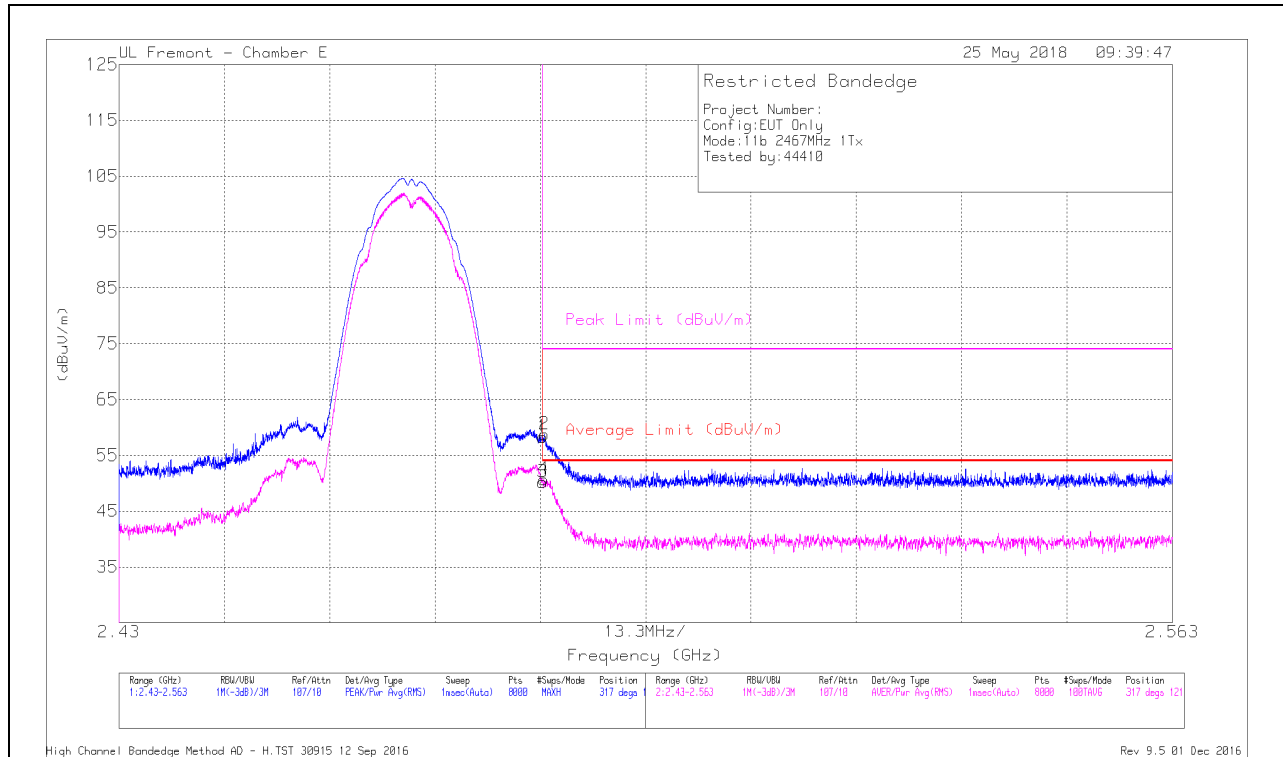
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 12)**

## **HORIZONTAL RESULT**



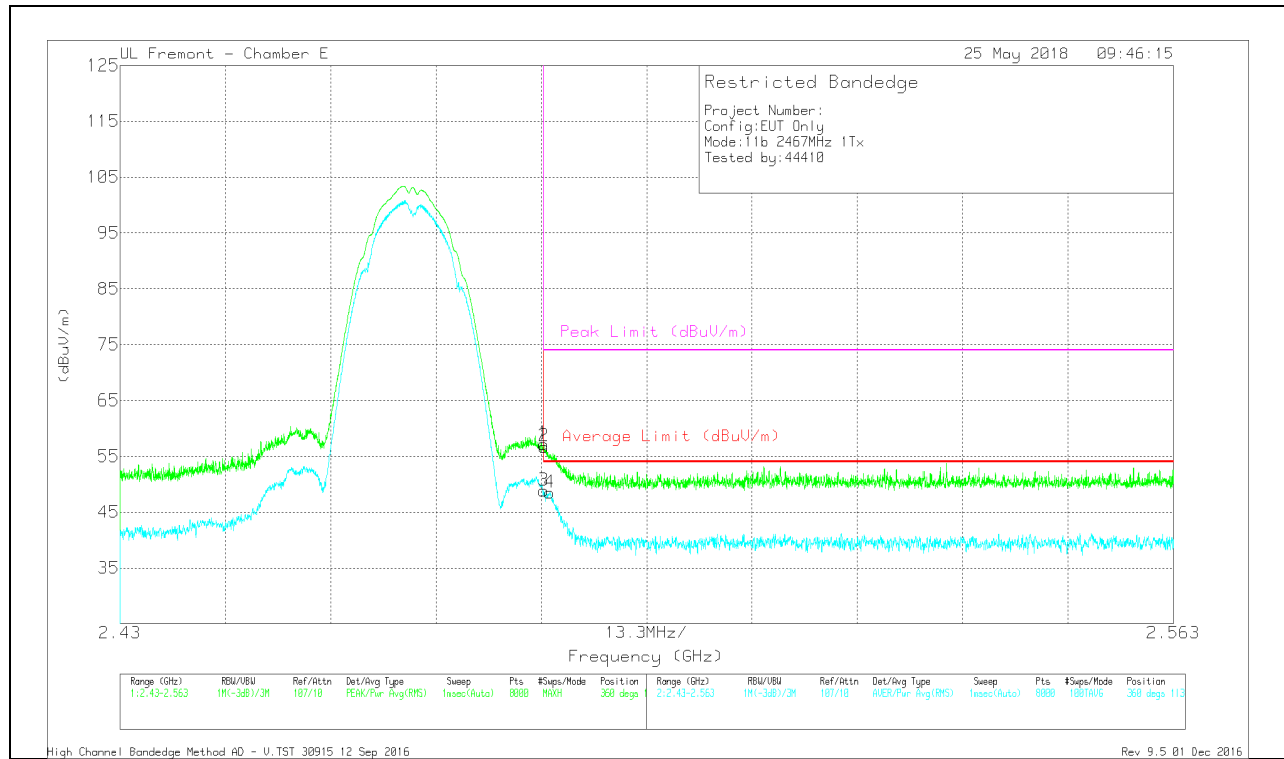
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 48.48                | Pk  | 32.1           | -22.3                    | 58.28                      | -                      | -           | 74                  | -15.72         | 317            | 121         | H        |
| 2      | * 2.484         | 48.95                | Pk  | 32.1           | -22.3                    | 58.75                      | -                      | -           | 74                  | -15.25         | 317            | 121         | H        |
| 3      | * 2.484         | 40.39                | RMS | 32.1           | -22.3                    | 50.19                      | 54                     | -3.81       | -                   | -              | 317            | 121         | H        |
| 4      | * 2.484         | 40.89                | RMS | 32.1           | -22.3                    | 50.69                      | 54                     | -3.31       | -                   | -              | 317            | 121         | 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 T346 (dBm) | 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      | * 2.484         | 47.39                | Pk  | 32.1          | -22.3                  | 57.19                      | -                      | -           | 74                  | -16.81         | 360            | 113         | V        |
| 2      | * 2.484         | 46.94                | Pk  | 32.1          | -22.3                  | 56.74                      | -                      | -           | 74                  | -17.26         | 360            | 113         | V        |
| 3      | * 2.484         | 39.06                | RMS | 32.1          | -22.3                  | 48.86                      | 54                     | -5.14       | -                   | -              | 360            | 113         | V        |
| 4      | * 2.484         | 38.69                | RMS | 32.1          | -22.3                  | 48.49                      | 54                     | -5.51       | -                   | -              | 360            | 113         | V        |

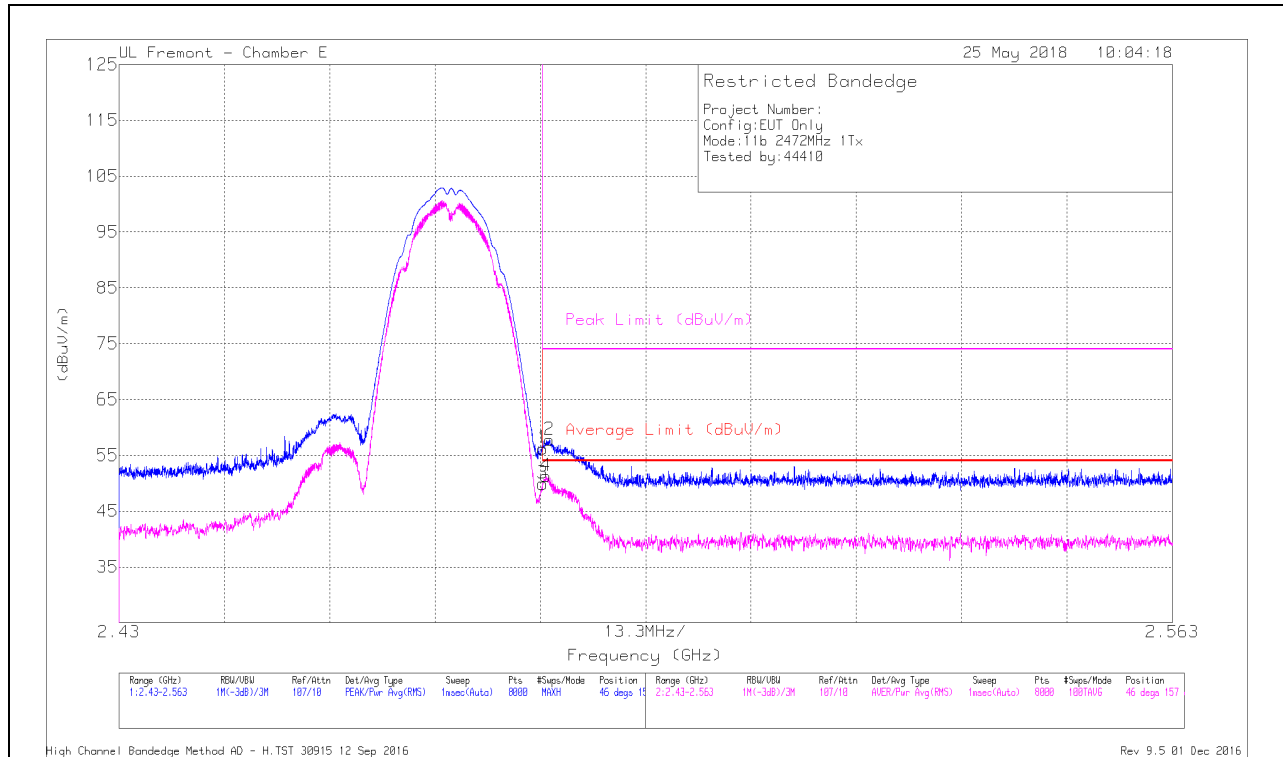
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 13)**

## **HORIZONTAL RESULT**



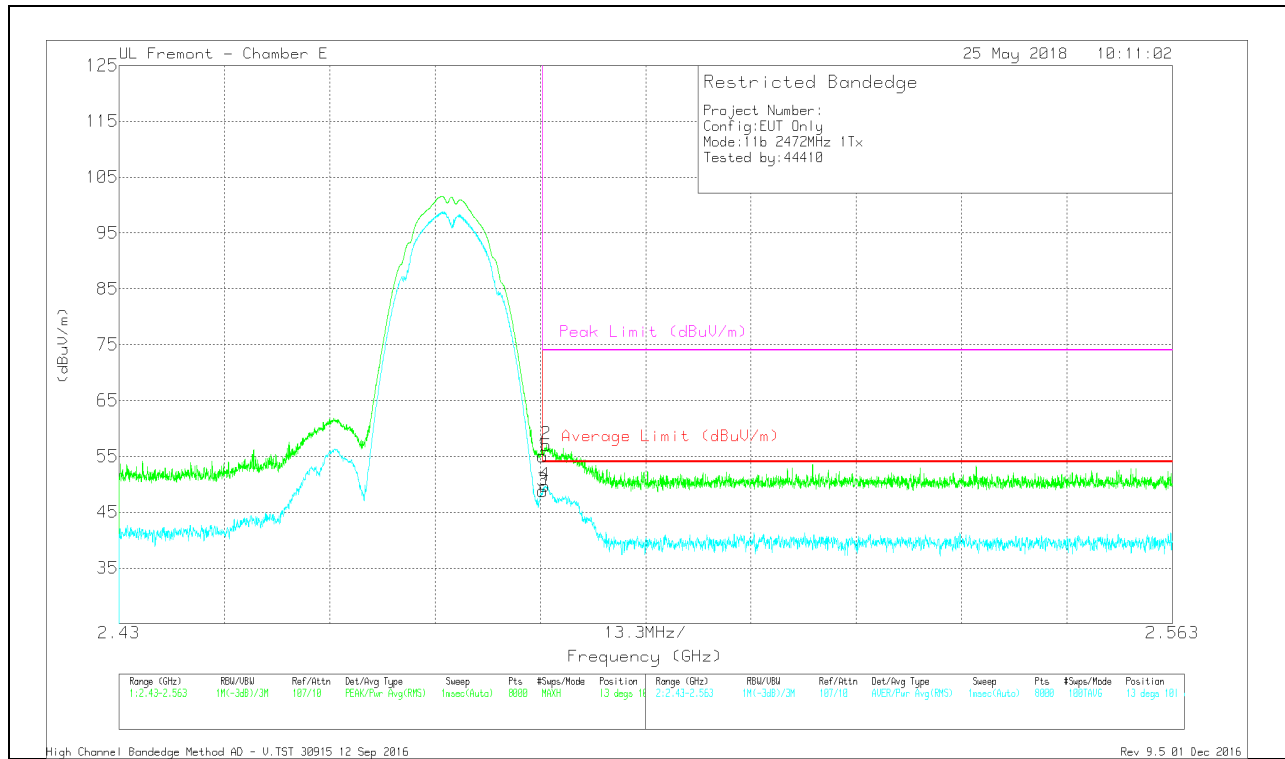
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 46.45                | Pk  | 32.1           | -22.3                  | 56.25                      | -                      | -           | 74                  | -17.75         | 46             | 157         | H        |
| 2      | * 2.484         | 47.96                | Pk  | 32.1           | -22.3                  | 57.76                      | -                      | -           | 74                  | -16.24         | 46             | 157         | H        |
| 3      | * 2.484         | 40.12                | RMS | 32.1           | -22.3                  | 49.92                      | 54                     | -4.08       | -                   | -              | 46             | 157         | H        |
| 4      | * 2.484         | 41.47                | RMS | 32.1           | -22.3                  | 51.27                      | 54                     | -2.73       | -                   | -              | 46             | 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 T346 (dBm) | 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      | * 2.484         | 45.24                | Pk  | 32.1          | -22.3                  | 55.04                      | -                      | -           | 74                  | -18.96         | 13             | 101         | V        |
| 2      | * 2.484         | 47.31                | Pk  | 32.1          | -22.3                  | 57.11                      | -                      | -           | 74                  | -16.89         | 13             | 101         | V        |
| 3      | * 2.484         | 39.01                | RMS | 32.1          | -22.3                  | 48.81                      | 54                     | -5.19       | -                   | -              | 13             | 101         | V        |
| 4      | * 2.484         | 39.96                | RMS | 32.1          | -22.3                  | 49.76                      | 54                     | -4.24       | -                   | -              | 13             | 101         | V        |

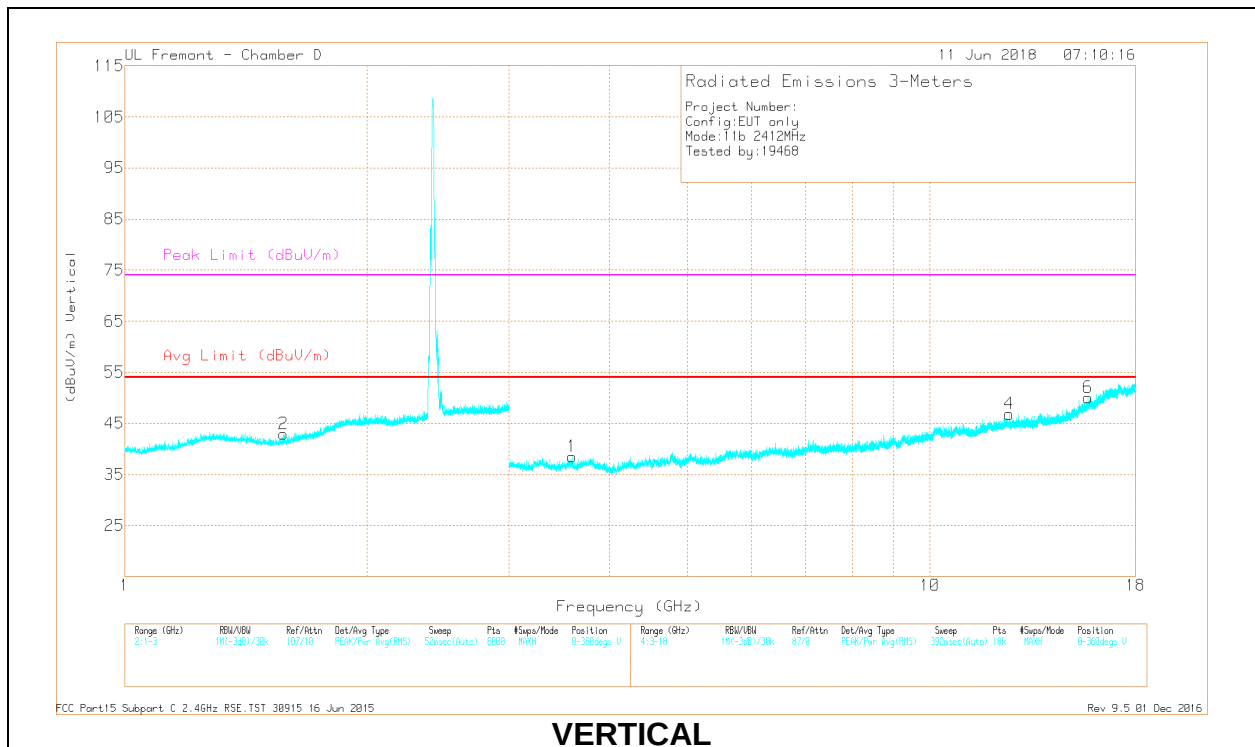
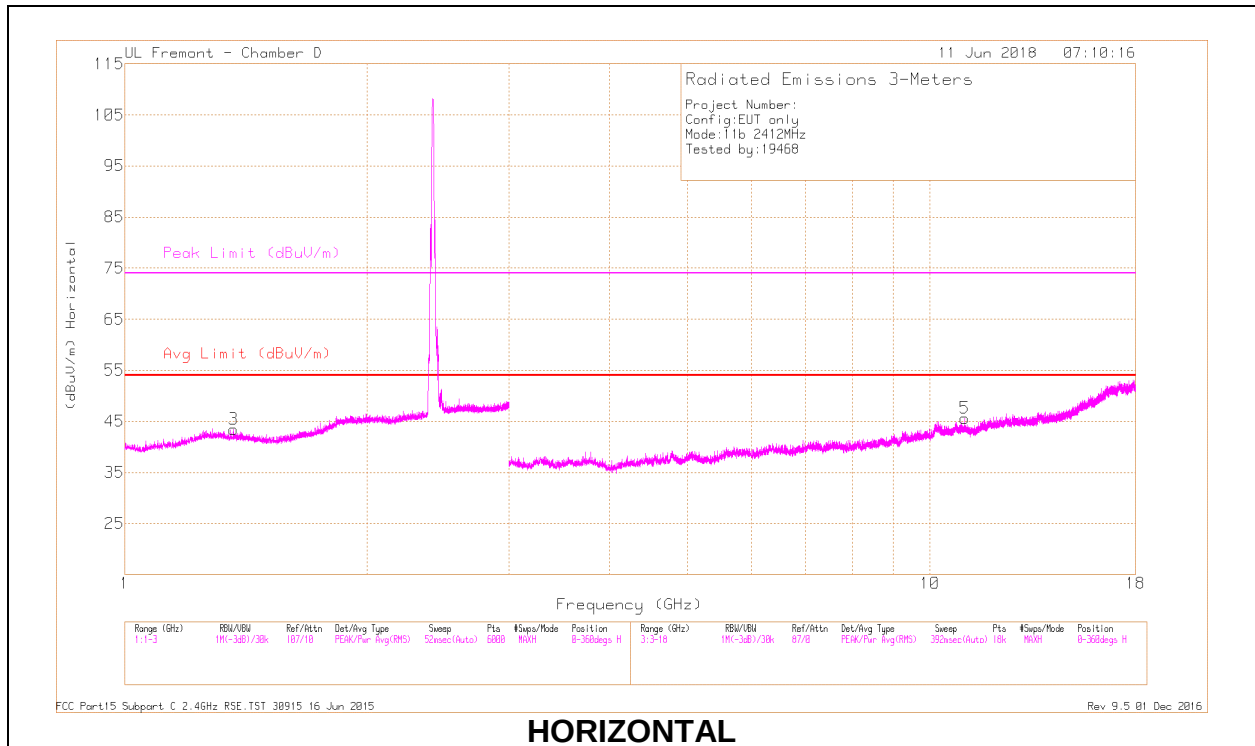
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

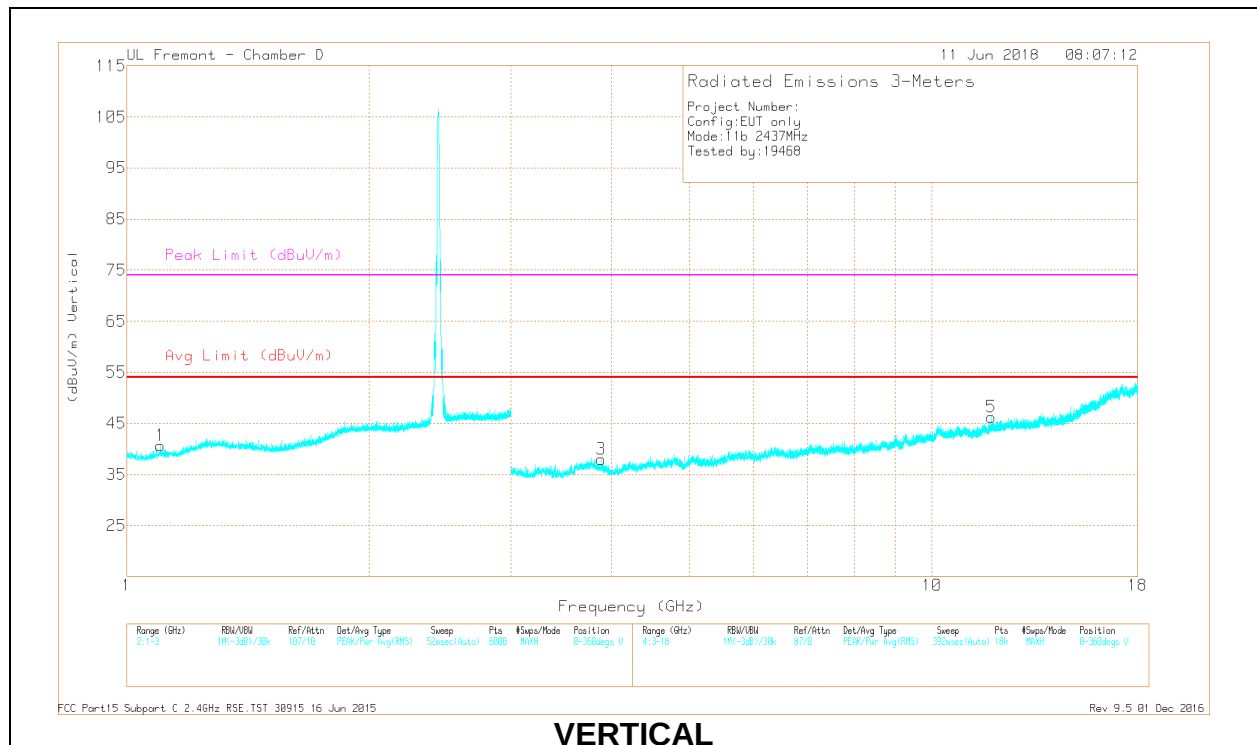
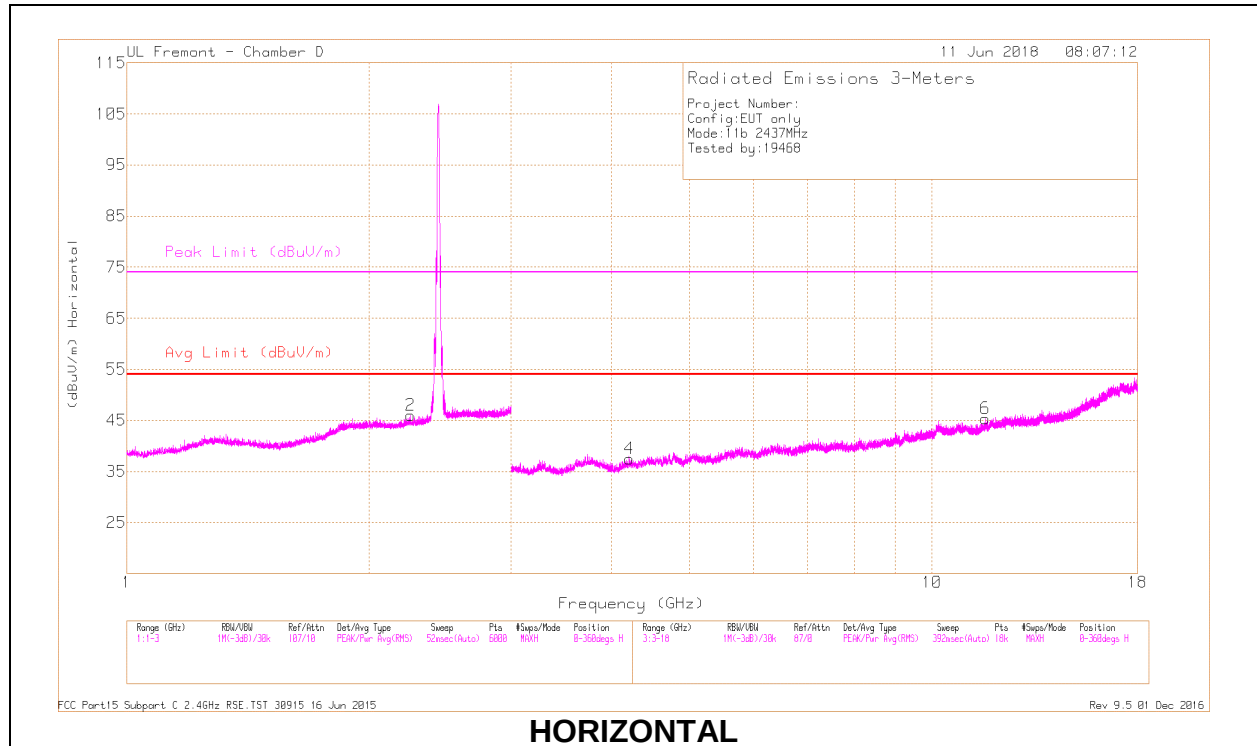
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3      | * 1.359         | 41.97                | PK2  | 28.8           | -21.9                  | 48.87                      | -                  | -           | 74                  | -25.13         | 273            | 102         | H        |
|        | * 1.36          | 29.74                | MAV1 | 28.8           | -21.9                  | 36.64                      | 54                 | -17.36      | -                   | -              | 273            | 102         | H        |
| 2      | * 1.575         | 41.97                | PK2  | 28.2           | -21.6                  | 48.57                      | -                  | -           | 74                  | -25.43         | 176            | 111         | V        |
|        | * 1.577         | 29.6                 | MAV1 | 28.2           | -21.6                  | 36.2                       | 54                 | -17.8       | -                   | -              | 176            | 111         | V        |
| 5      | * 11.053        | 32.73                | PK2  | 37.8           | -19.9                  | 50.63                      | -                  | -           | 74                  | -23.37         | 240            | 393         | H        |
|        | * 11.061        | 20.56                | MAV1 | 37.8           | -20                    | 38.36                      | 54                 | -15.64      | -                   | -              | 240            | 393         | H        |
| 1      | * 3.593         | 38.88                | PK2  | 33.5           | -27.8                  | 44.58                      | -                  | -           | 74                  | -29.42         | 280            | 268         | V        |
|        | * 3.593         | 26.28                | MAV1 | 33.5           | -27.8                  | 31.98                      | 54                 | -22.02      | -                   | -              | 280            | 268         | V        |
| 4      | * 12.553        | 35.02                | PK2  | 39.1           | -20.6                  | 53.52                      | -                  | -           | 74                  | -20.48         | 33             | 171         | V        |
|        | * 12.557        | 21.01                | MAV1 | 39.1           | -20.6                  | 39.51                      | 54                 | -14.49      | -                   | -              | 33             | 171         | V        |
| 6      | * 15.717        | 33.68                | PK2  | 41             | -18.8                  | 55.88                      | -                  | -           | 74                  | -18.12         | 169            | 119         | V        |
|        | * 15.706        | 21.03                | MAV1 | 41             | -18.9                  | 43.13                      | 54                 | -10.87      | -                   | -              | 169            | 119         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL, CH 6 RESULTS



## RADIATED EMISSIONS

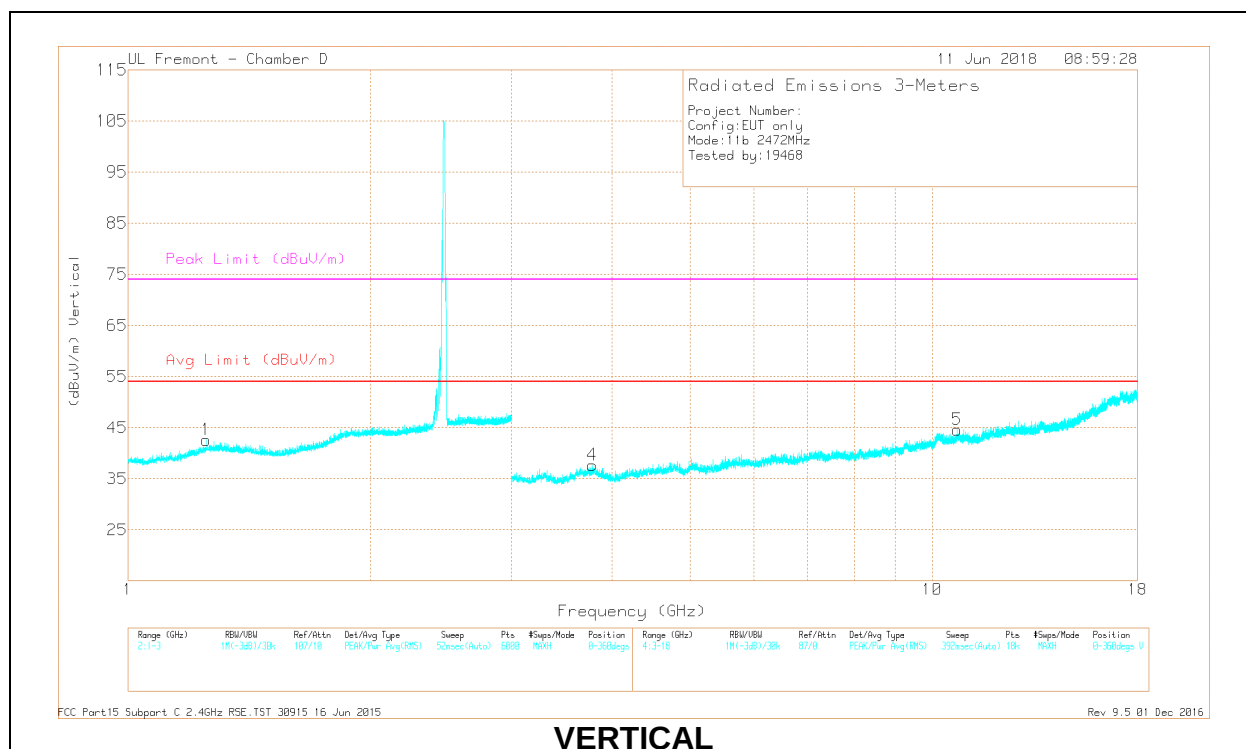
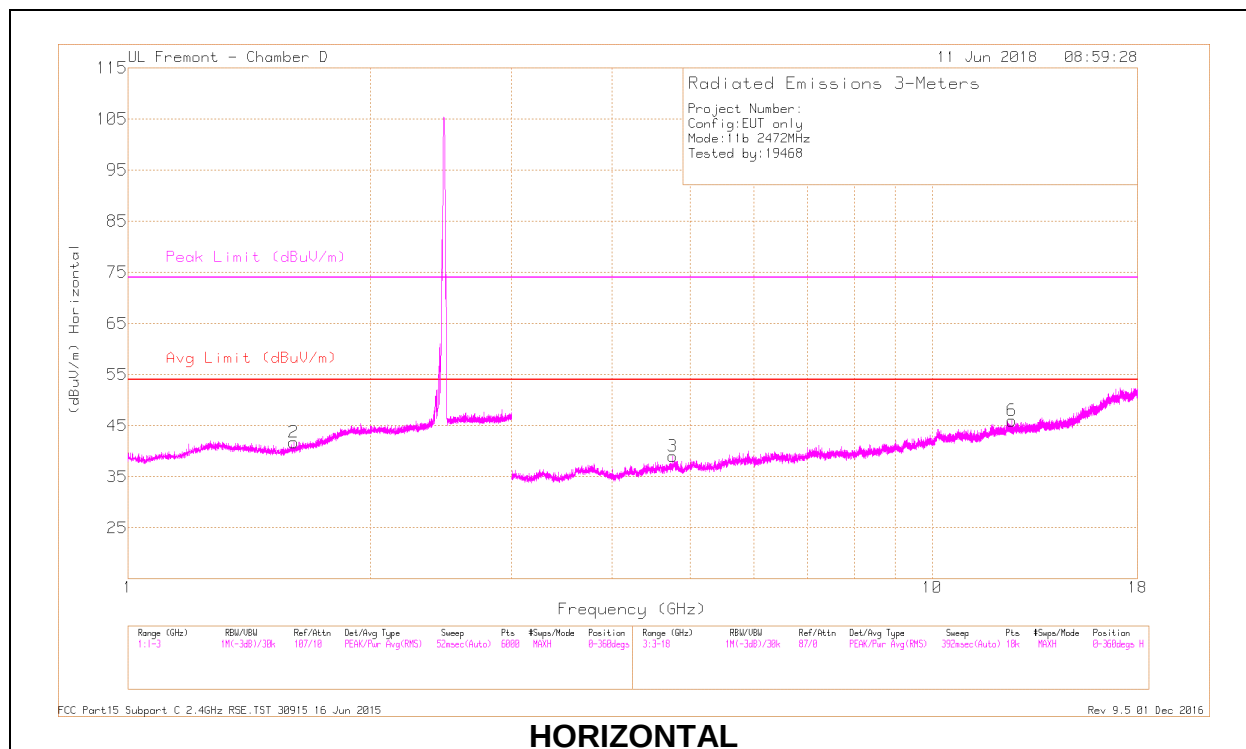
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.249         | 40.09                | PK2  | 31.5           | -20.7                  | 50.89                      | -                  | -           | 74                  | -23.11         | 287            | 166         | H        |
|        | * 2.251         | 28.31                | MAv1 | 31.5           | -20.7                  | 39.11                      | 54                 | -14.89      | -                   | -              | 287            | 166         | H        |
| 1      | * 1.092         | 41.28                | PK2  | 27.3           | -22.3                  | 46.28                      | -                  | -           | 74                  | -27.72         | 174            | 277         | V        |
|        | * 1.11          | 28.73                | MAv1 | 27.4           | -22.3                  | 33.83                      | 54                 | -20.17      | -                   | -              | 174            | 277         | V        |
| 4      | * 4.214         | 37.32                | PK2  | 33.8           | -27.2                  | 43.92                      | -                  | -           | 74                  | -30.08         | 178            | 136         | H        |
|        | * 4.215         | 24.23                | MAv1 | 33.8           | -27.2                  | 30.83                      | 54                 | -23.17      | -                   | -              | 178            | 136         | H        |
| 6      | * 11.641        | 32.84                | PK2  | 38.3           | -19.8                  | 51.34                      | -                  | -           | 74                  | -22.66         | 117            | 177         | H        |
|        | * 11.64         | 20.28                | MAv1 | 38.3           | -19.8                  | 38.78                      | 54                 | -15.22      | -                   | -              | 117            | 177         | H        |
| 3      | * 3.884         | 36.98                | PK2  | 33.6           | -27.9                  | 42.68                      | -                  | -           | 74                  | -31.32         | 308            | 131         | V        |
|        | * 3.887         | 24.87                | MAv1 | 33.6           | -27.9                  | 30.57                      | 54                 | -23.43      | -                   | -              | 308            | 131         | V        |
| 5      | * 11.857        | 32.25                | PK2  | 38.7           | -19.7                  | 51.25                      | -                  | -           | 74                  | -22.75         | 98             | 188         | V        |
|        | * 11.844        | 20.18                | MAv1 | 38.6           | -19.9                  | 38.88                      | 54                 | -15.12      | -                   | -              | 98             | 188         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL, CH 13 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 1.603         | 40.24                | PK2  | 28.4           | -21.5                 | 47.14                      | -                  | -           | 74                  | -26.86         | 125            | 310         | H        |
|        | * 1.605         | 28.33                | MAv1 | 28.4           | -21.5                 | 35.23                      | 54                 | -18.77      | -                   | -              | 125            | 310         | H        |
| 1      | * 1.255         | 40.7                 | PK2  | 29.1           | -22.1                 | 47.7                       | -                  | -           | 74                  | -26.3          | 305            | 127         | V        |
|        | * 1.26          | 28.69                | MAv1 | 29.1           | -22                   | 35.79                      | 54                 | -18.21      | -                   | -              | 305            | 127         | V        |
| 3      | * 4.764         | 36.58                | PK2  | 34.6           | -26.3                 | 44.88                      | -                  | -           | 74                  | -29.12         | 343            | 103         | H        |
|        | * 4.767         | 24.5                 | MAv1 | 34.6           | -26.3                 | 32.8                       | 54                 | -21.2       | -                   | -              | 343            | 103         | H        |
| 6      | * 12.559        | 34.2                 | PK2  | 39.1           | -20.6                 | 52.7                       | -                  | -           | 74                  | -21.3          | 222            | 145         | H        |
|        | * 12.566        | 20.92                | MAv1 | 39.1           | -20.6                 | 39.42                      | 54                 | -14.58      | -                   | -              | 222            | 145         | H        |
| 4      | * 3.78          | 37.01                | PK2  | 33.6           | -27.9                 | 42.71                      | -                  | -           | 74                  | -31.29         | 263            | 256         | V        |
|        | * 3.78          | 24.81                | MAv1 | 33.6           | -27.9                 | 30.51                      | 54                 | -23.49      | -                   | -              | 263            | 256         | V        |
| 5      | * 10.742        | 32.67                | PK2  | 37.7           | -19.7                 | 50.67                      | -                  | -           | 74                  | -23.33         | 334            | 256         | V        |
|        | * 10.736        | 20.2                 | MAv1 | 37.7           | -19.8                 | 38.1                       | 54                 | -15.9       | -                   | -              | 334            | 256         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

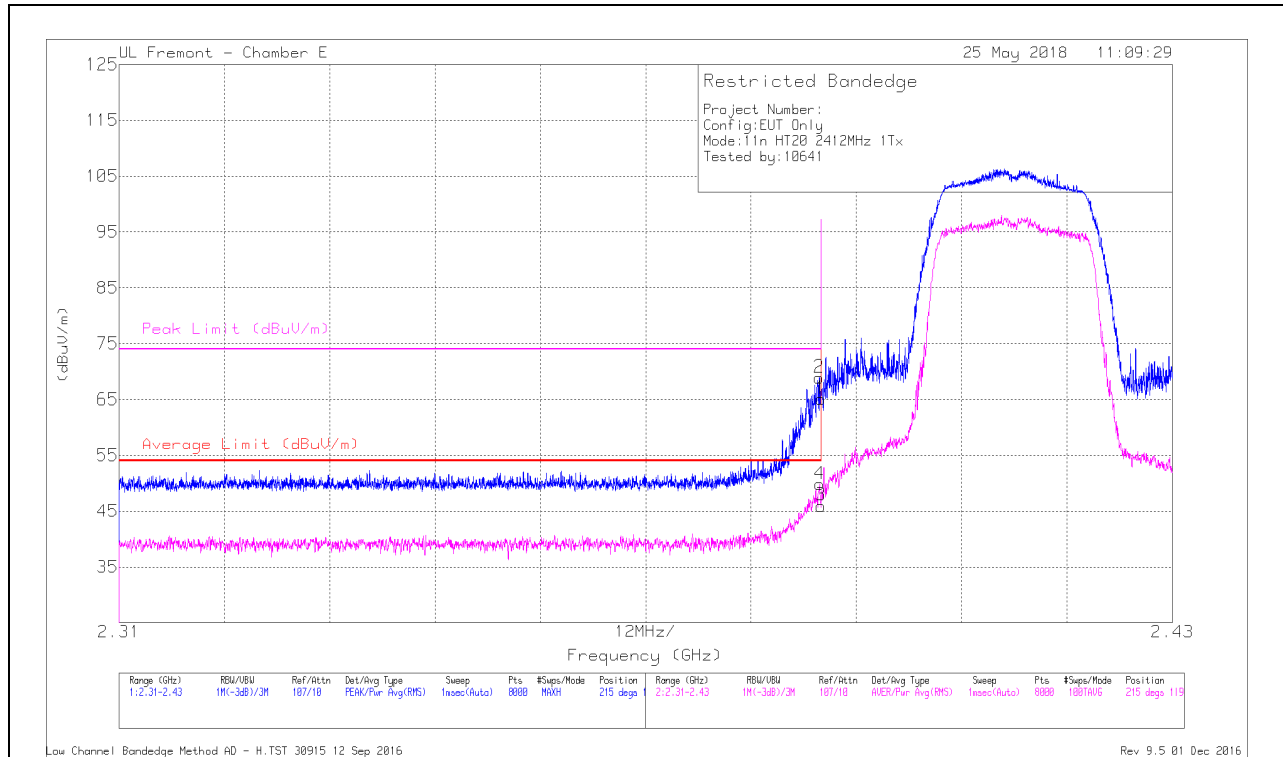
MAv1 - KDB558074 Option 1 Maximum RMS Average

## 9.1.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

### 1TX Antenna 2 MODE

### BANDEDGE (LOW CHANNEL, CH 1)

### HORIZONTAL RESULT



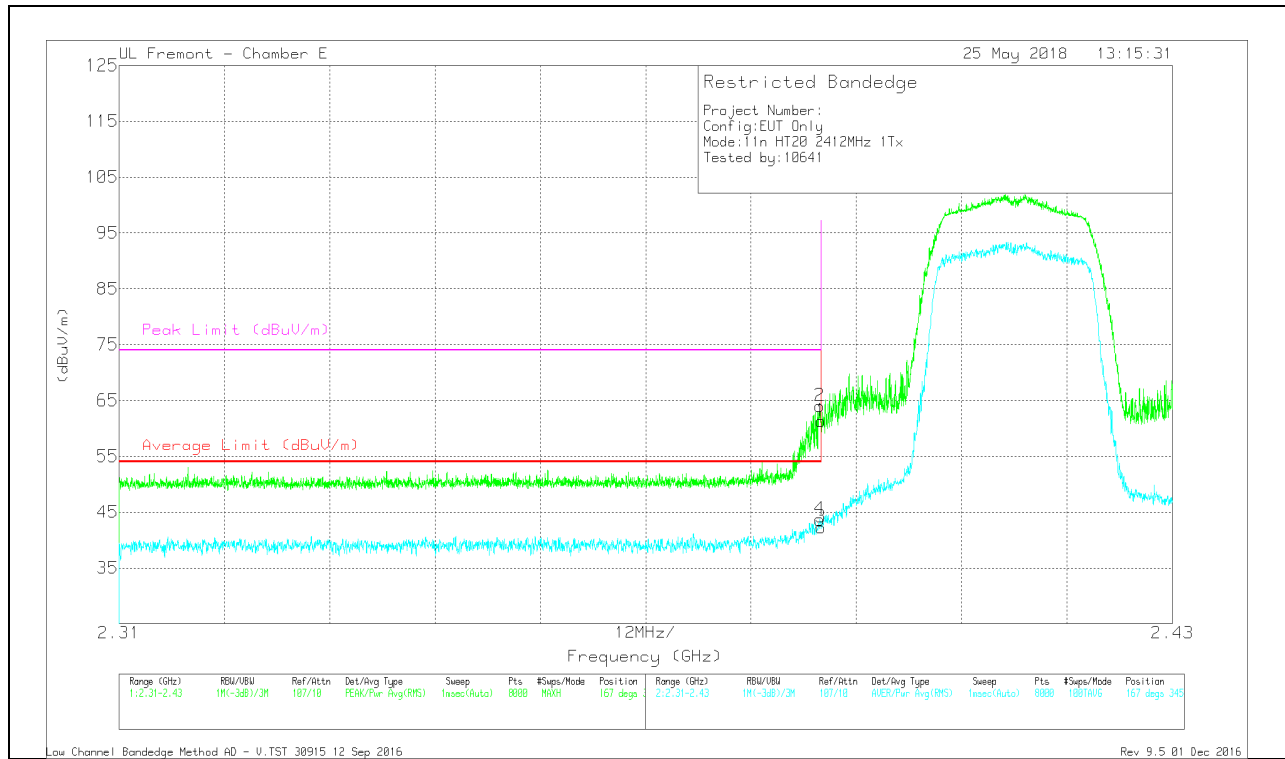
| Marker | Frequenc<br>y (GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/Pad<br>(dB) | Correcte<br>d Reading<br>(dBuV/m) | Average Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|---------------------|----------------------------|-----|----------------|----------------------------|-----------------------------------|---------------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 2.39              | 55.75                      | Pk  | 32             | -22.6                      | 65.15                             | -                         | -              | 74                     | -8.85                | 215               | 119            | H        |
| 2      | * 2.39              | 59.51                      | Pk  | 32             | -22.6                      | 68.91                             | -                         | -              | 74                     | -5.09                | 215               | 119            | H        |
| 3      | * 2.39              | 36.59                      | RMS | 32             | -22.6                      | 45.99                             | 54                        | -8.01          | -                      | -                    | 215               | 119            | H        |
| 4      | * 2.39              | 40.44                      | RMS | 32             | -22.6                      | 49.84                             | 54                        | -4.16          | -                      | -                    | 215               | 119            | 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 T346 (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      | * 2.39          | 51.92                | Pk  | 32             | -22.6                  | 61.32                      | -                      | -           | 74                  | -12.68         | 167            | 345         | V        |
| 2      | * 2.39          | 54.58                | Pk  | 32             | -22.6                  | 63.98                      | -                      | -           | 74                  | -10.02         | 167            | 345         | V        |
| 3      | * 2.39          | 32.86                | RMS | 32             | -22.6                  | 42.26                      | 54                     | -11.74      | -                   | -              | 167            | 345         | V        |
| 4      | * 2.39          | 34.29                | RMS | 32             | -22.6                  | 43.69                      | 54                     | -10.31      | -                   | -              | 167            | 345         | V        |

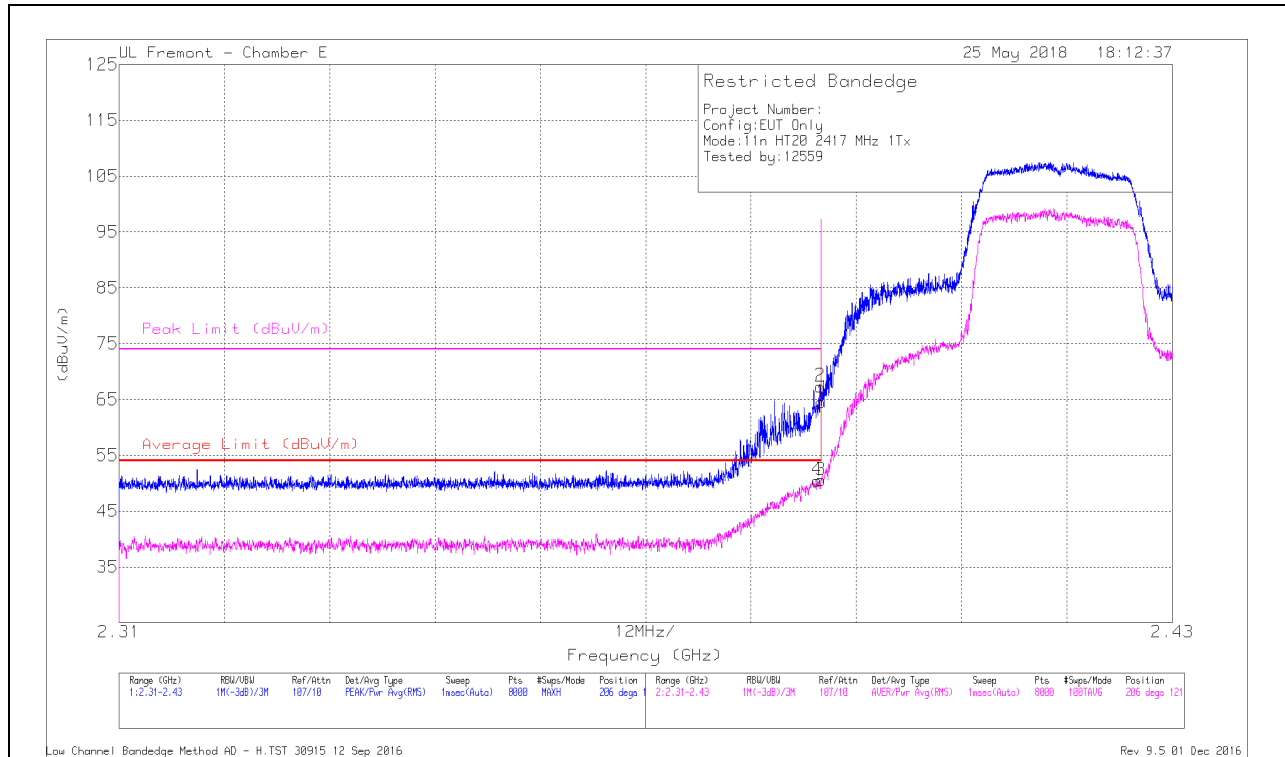
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 2)**

## **HORIZONTAL RESULT**



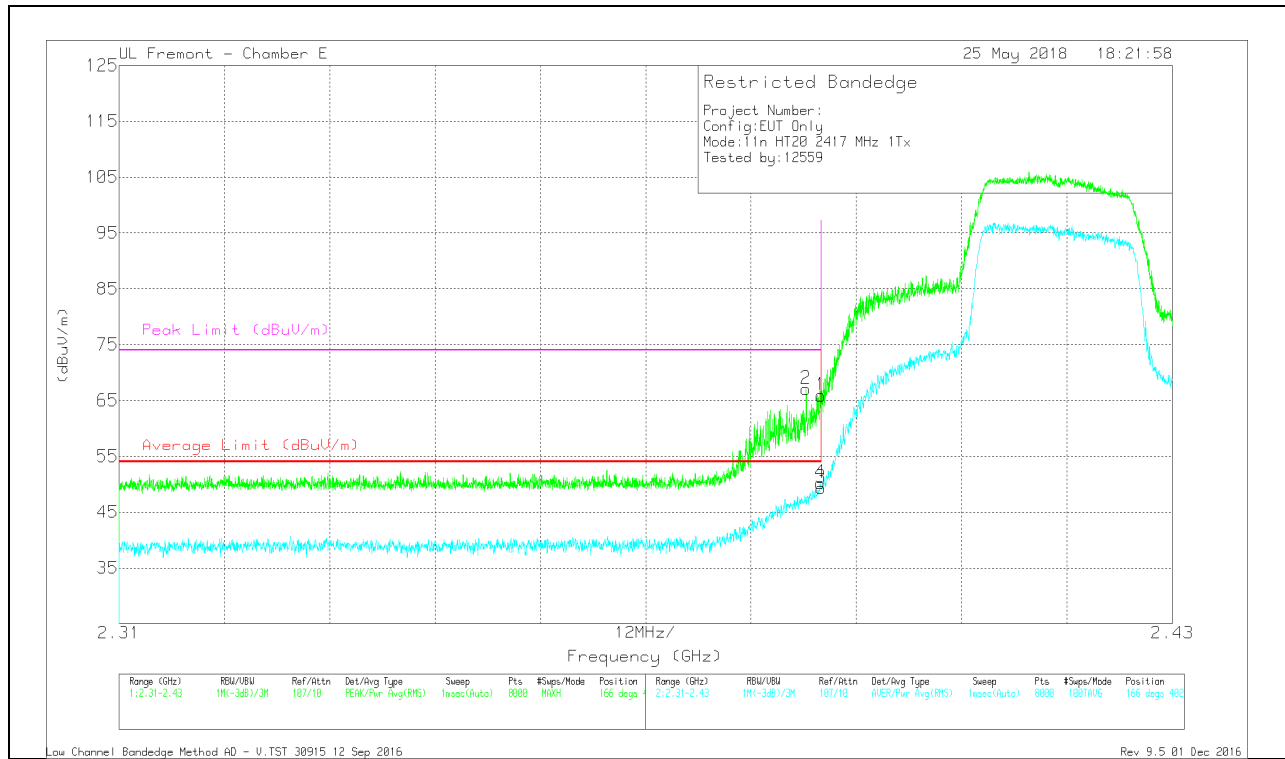
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.08                | Pk  | 32             | -22.6                   | 64.48                      | -                      | -           | 74                  | -9.52          | 206            | 121         | H        |
| 2      | * 2.39          | 57.96                | Pk  | 32             | -22.6                   | 67.36                      | -                      | -           | 74                  | -6.64          | 206            | 121         | H        |
| 3      | * 2.39          | 41.18                | RMS | 32             | -22.6                   | 50.58                      | 54                     | -3.42       | -                   | -              | 206            | 121         | H        |
| 4      | * 2.39          | 41.09                | RMS | 32             | -22.6                   | 50.49                      | 54                     | -3.51       | -                   | -              | 206            | 121         | 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 T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 56.51                | Pk  | 32             | -22.6                    | 65.91                      | -                      | -           | 74                  | -8.09          | 166            | 402         | V        |
| 2      | * 2.388         | 57.78                | Pk  | 31.9           | -22.6                    | 67.08                      | -                      | -           | 74                  | -6.92          | 166            | 402         | V        |
| 3      | * 2.39          | 39.97                | RMS | 32             | -22.6                    | 49.37                      | 54                     | -4.63       | -                   | -              | 166            | 402         | V        |
| 4      | * 2.39          | 40.83                | RMS | 32             | -22.6                    | 50.23                      | 54                     | -3.77       | -                   | -              | 166            | 402         | V        |

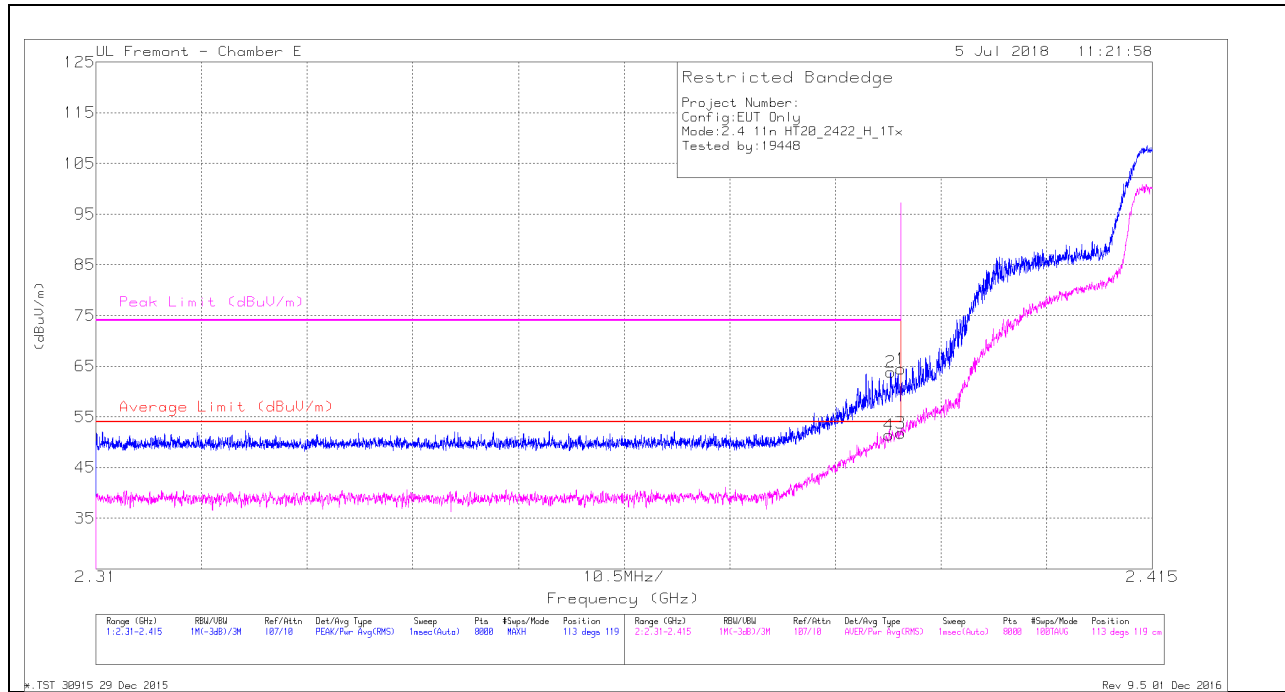
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 3)**

## **HORIZONTAL RESULT**



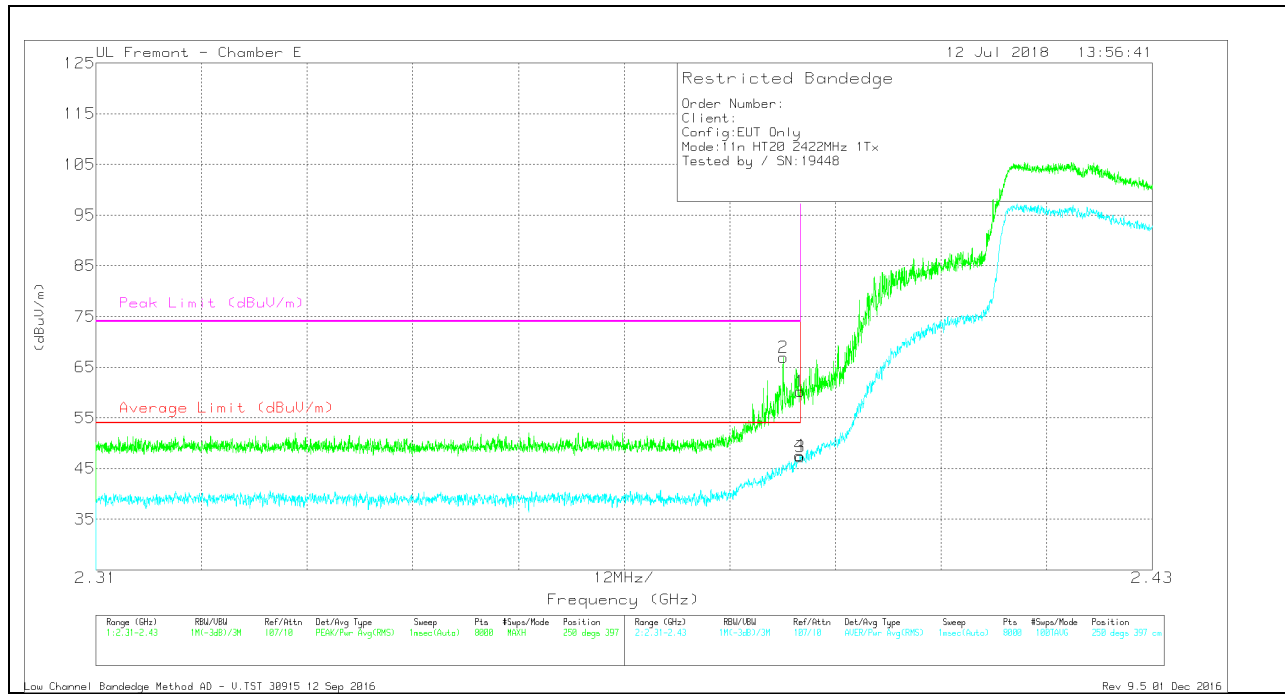
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.1                 | Pk  | 32             | -22.6                  | 64.5                       | -                      | -           | 74                  | -9.5           | 113            | 119         | H        |
| 2      | * 2.389         | 54.56                | Pk  | 31.9           | -22.6                  | 63.86                      | -                      | -           | 74                  | -10.14         | 113            | 119         | H        |
| 3      | * 2.39          | 42.36                | RMS | 32             | -22.6                  | 51.76                      | 54                     | -2.24       | -                   | -              | 113            | 119         | H        |
| 4      | * 2.389         | 42.14                | RMS | 31.9           | -22.6                  | 51.44                      | 54                     | -2.56       | -                   | -              | 113            | 119         | 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 | AFT346 (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      | * 2.39          | 50.85                | Pk  | 32            | -22.6                 | 60.25                      | -                      | -           | 74                  | -13.75         | 250            | 397         | V        |
| 2      | * 2.388         | 57.68                | Pk  | 31.9          | -22.6                 | 66.98                      | -                      | -           | 74                  | -7.02          | 250            | 397         | V        |
| 3      | * 2.39          | 37.93                | RMS | 32            | -22.6                 | 47.33                      | 54                     | -6.67       | -                   | -              | 250            | 397         | V        |
| 4      | * 2.39          | 38.18                | RMS | 32            | -22.6                 | 47.58                      | 54                     | -6.42       | -                   | -              | 250            | 397         | V        |

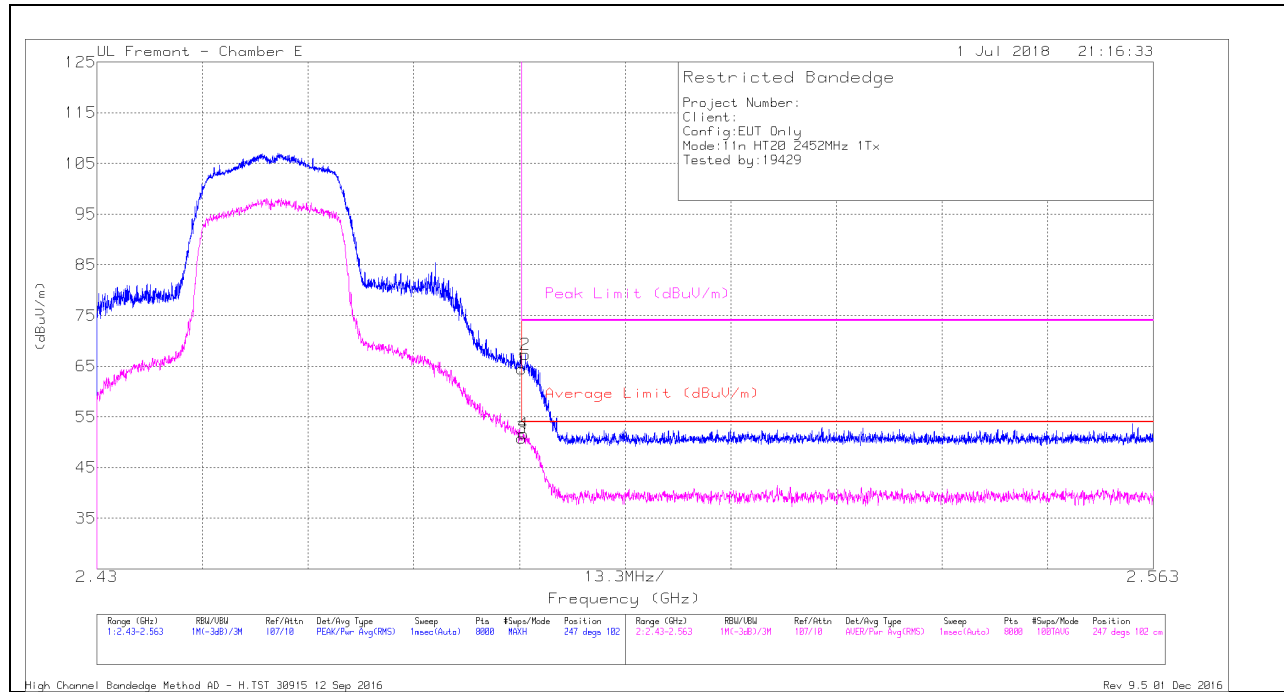
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 9)**

## **HORIZONTAL RESULT**



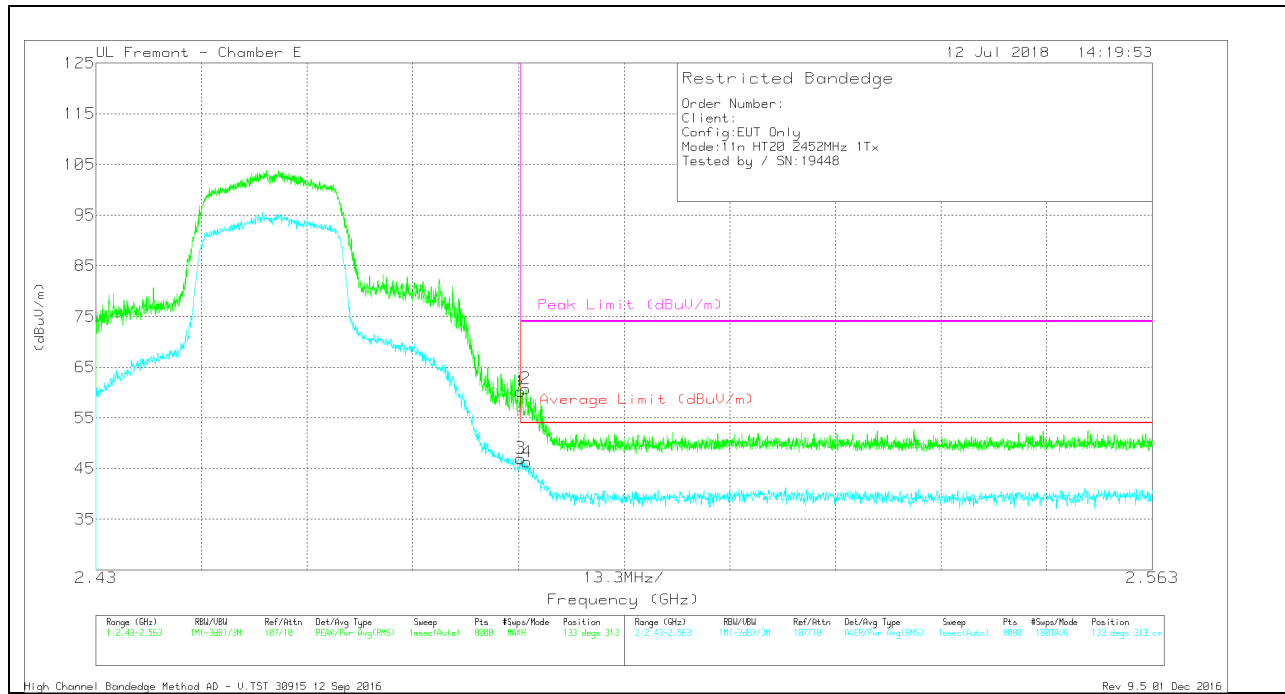
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.67                | Pk  | 32.1           | -22.3                  | 64.47                      | -                      | -           | 74                  | -9.53          | 247            | 102         | H        |
| 2      | * 2.484         | 57.54                | Pk  | 32.1           | -22.3                  | 67.34                      | -                      | -           | 74                  | -6.66          | 247            | 102         | H        |
| 3      | * 2.484         | 40.94                | RMS | 32.1           | -22.3                  | 50.74                      | 54                     | -3.26       | -                   | -              | 247            | 102         | H        |
| 4      | * 2.484         | 41.87                | RMS | 32.1           | -22.3                  | 51.67                      | 54                     | -2.33       | -                   | -              | 247            | 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 | AFT346 (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      | * 2.484         | 50.42                | Pk  | 32.1          | -22.3                 | 60.22                      | -                      | -           | 74                  | -13.78         | 133            | 313         | V        |
| 2      | * 2.484         | 50.98                | Pk  | 32.1          | -22.3                 | 60.78                      | -                      | -           | 74                  | -13.22         | 133            | 313         | V        |
| 3      | * 2.484         | 37.2                 | RMS | 32.1          | -22.3                 | 47                         | 54                     | -7          | -                   | -              | 133            | 313         | V        |
| 4      | * 2.484         | 36.53                | RMS | 32.1          | -22.3                 | 46.33                      | 54                     | -7.67       | -                   | -              | 133            | 313         | V        |

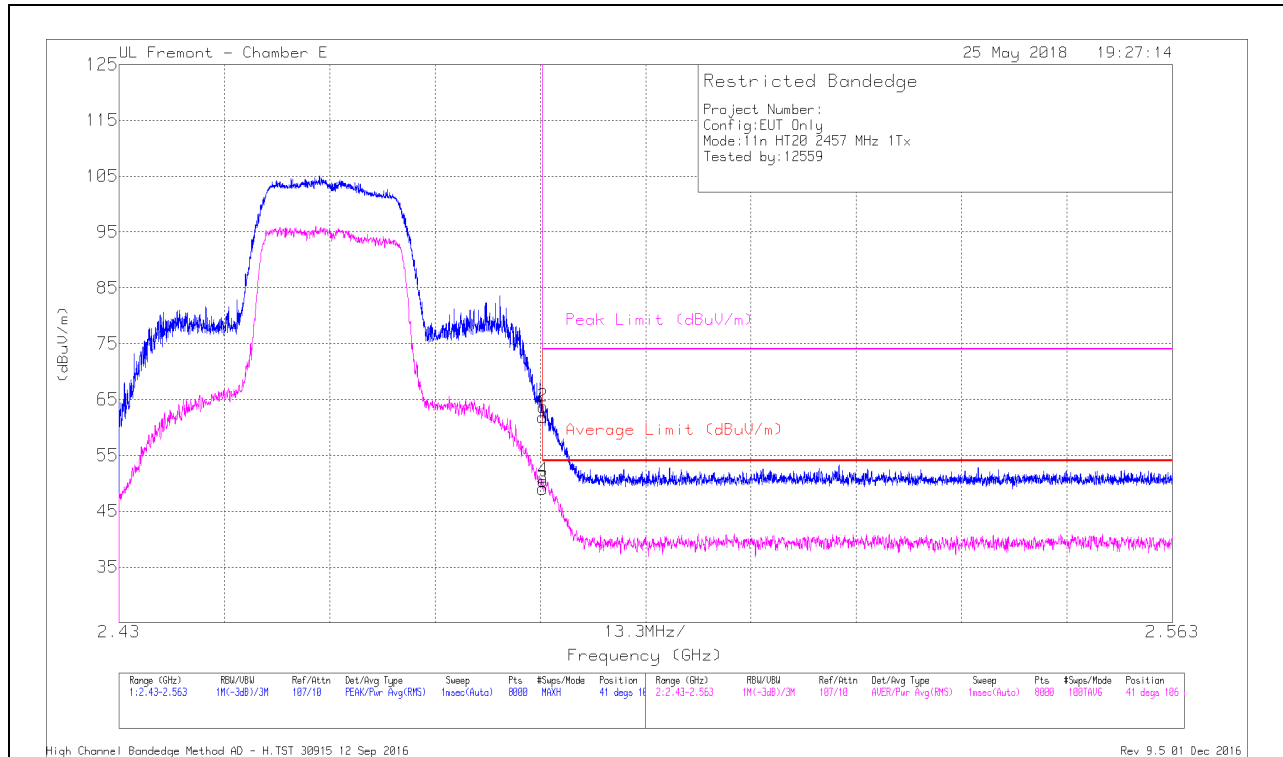
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 10)**

## **HORIZONTAL RESULT**



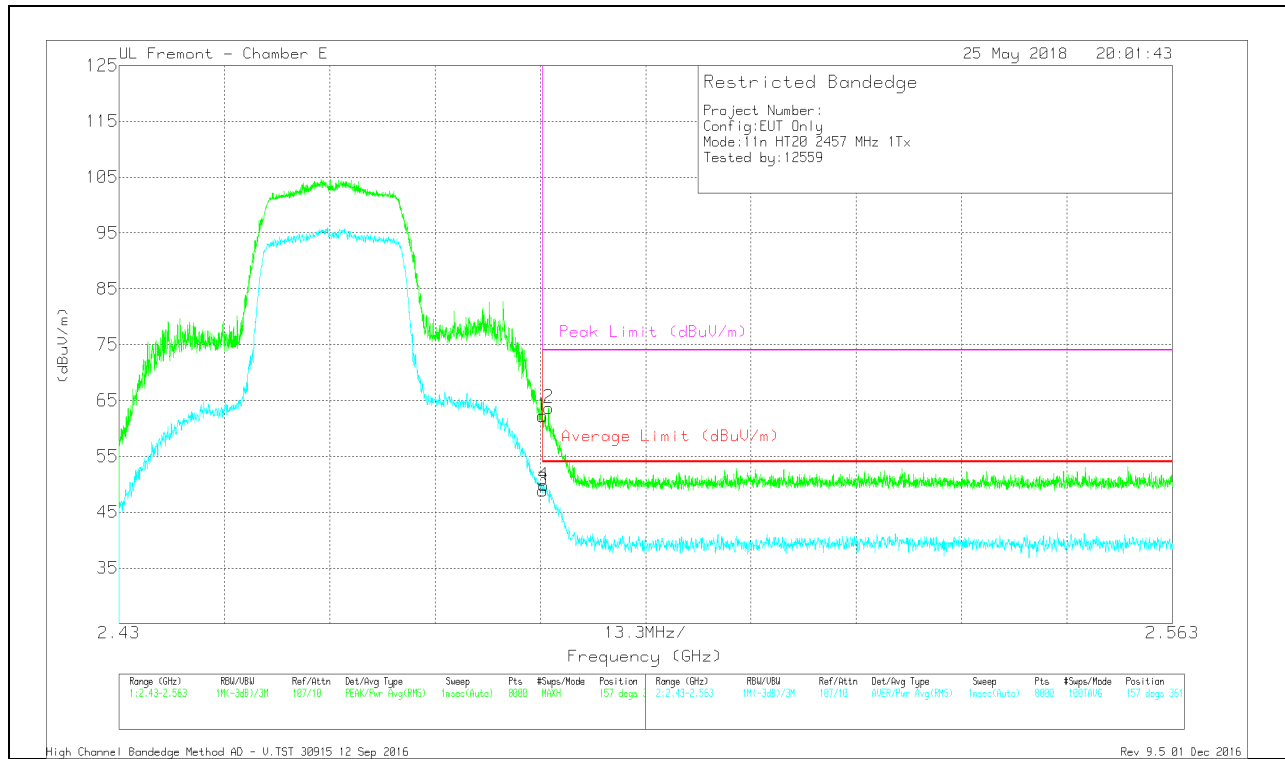
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.03                | Pk  | 32.1           | -22.3                    | 61.83                      | -                      | -           | 74                  | -12.17         | 41             | 106         | H        |
| 2      | * 2.484         | 53.93                | Pk  | 32.1           | -22.3                    | 63.73                      | -                      | -           | 74                  | -10.27         | 41             | 106         | H        |
| 3      | * 2.484         | 39.26                | RMS | 32.1           | -22.3                    | 49.06                      | 54                     | -4.94       | -                   | -              | 41             | 106         | H        |
| 4      | * 2.484         | 40.67                | RMS | 32.1           | -22.3                    | 50.47                      | 54                     | -3.53       | -                   | -              | 41             | 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 T346 (dB/m) | Ampl/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      | * 2.484         | 52.45                | Pk  | 32.1           | -22.3                   | 62.25                      | -                      | -           | 74                  | -11.75         | 157            | 361         | V        |
| 2      | * 2.484         | 53.88                | Pk  | 32.1           | -22.3                   | 63.68                      | -                      | -           | 74                  | -10.32         | 157            | 361         | V        |
| 3      | * 2.484         | 39.11                | RMS | 32.1           | -22.3                   | 48.91                      | 54                     | -5.09       | -                   | -              | 157            | 361         | V        |
| 4      | * 2.484         | 40.04                | RMS | 32.1           | -22.3                   | 49.84                      | 54                     | -4.16       | -                   | -              | 157            | 361         | V        |

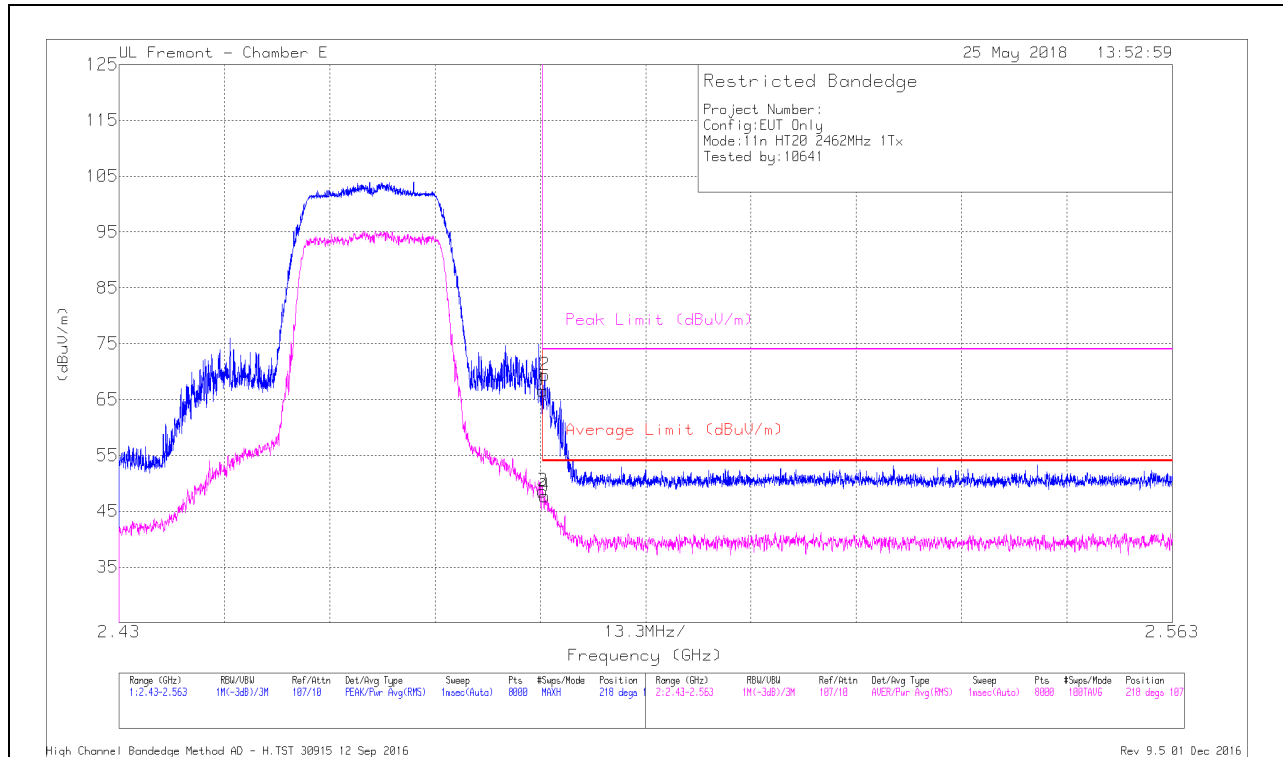
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 11)**

## **HORIZONTAL RESULT**



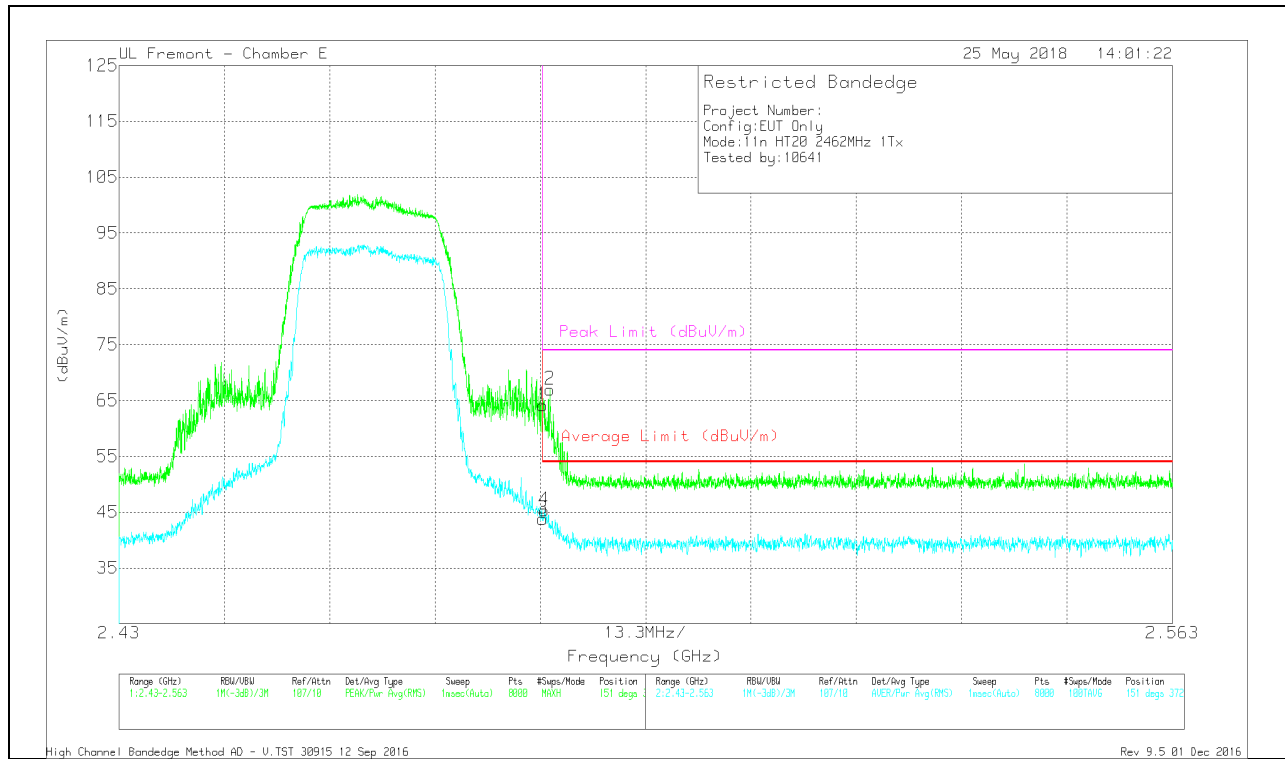
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.83                | Pk  | 32.1           | -22.3                  | 66.63                      | -                      | -           | 74                  | -7.37          | 218            | 107         | H        |
| 2      | * 2.484         | 59.59                | Pk  | 32.1           | -22.3                  | 69.39                      | -                      | -           | 74                  | -4.61          | 218            | 107         | H        |
| 3      | * 2.484         | 38.78                | RMS | 32.1           | -22.3                  | 48.58                      | 54                     | -5.42       | -                   | -              | 218            | 107         | H        |
| 4      | * 2.484         | 37.91                | RMS | 32.1           | -22.3                  | 47.71                      | 54                     | -6.29       | -                   | -              | 218            | 107         | 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 T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.39                | Pk  | 32.1           | -22.3                    | 64.19                      | -                      | -           | 74                  | -9.81          | 151            | 372         | V        |
| 2      | * 2.484         | 57.17                | Pk  | 32.1           | -22.3                    | 66.97                      | -                      | -           | 74                  | -7.03          | 151            | 372         | V        |
| 3      | * 2.484         | 34                   | RMS | 32.1           | -22.3                    | 43.8                       | 54                     | -10.2       | -                   | -              | 151            | 372         | V        |
| 4      | * 2.484         | 35.55                | RMS | 32.1           | -22.3                    | 45.35                      | 54                     | -8.65       | -                   | -              | 151            | 372         | V        |

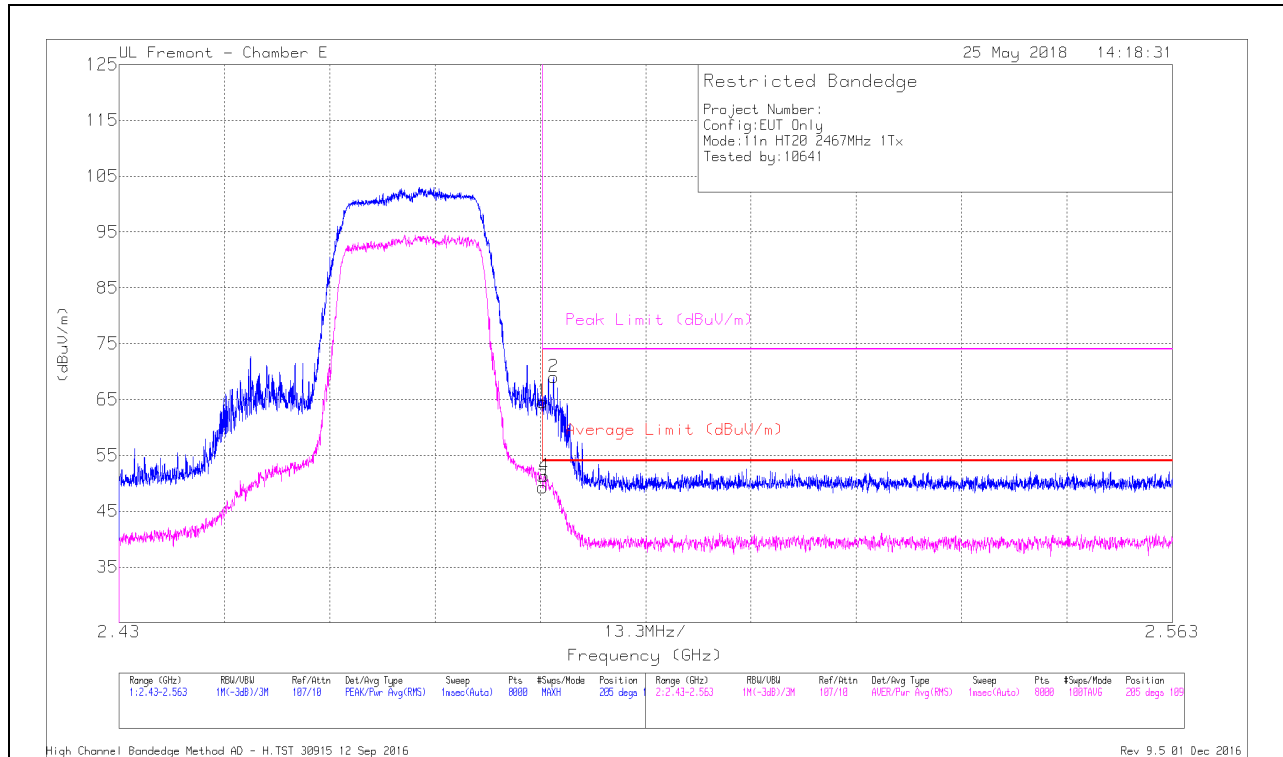
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 12)**

## **HORIZONTAL RESULT**



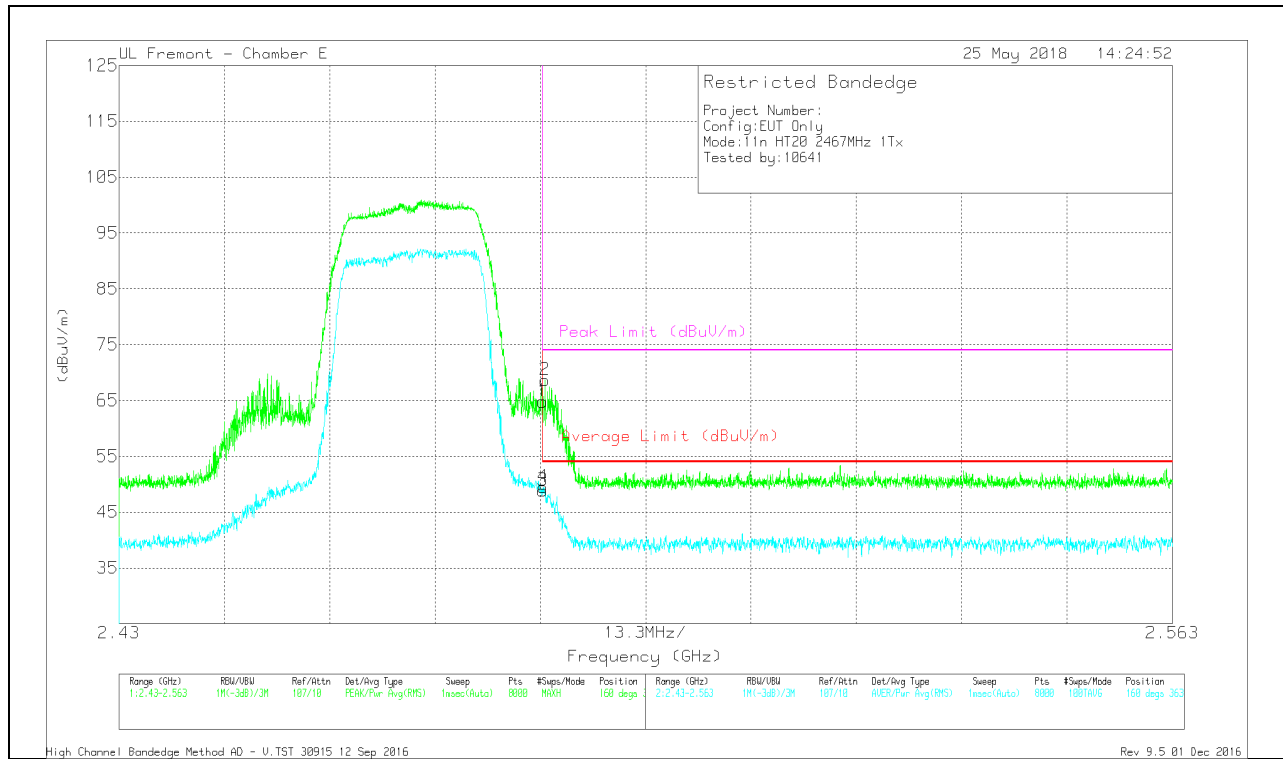
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.78                | Pk  | 32.1           | -22.3                   | 64.58                      | -                      | -           | 74                  | -9.42          | 205            | 109         | H        |
| 2      | * 2.485         | 59.33                | Pk  | 32.1           | -22.4                   | 69.03                      | -                      | -           | 74                  | -4.97          | 205            | 109         | H        |
| 3      | * 2.484         | 39.5                 | RMS | 32.1           | -22.3                   | 49.3                       | 54                     | -4.7        | -                   | -              | 205            | 109         | H        |
| 4      | * 2.484         | 41.49                | RMS | 32.1           | -22.3                   | 51.29                      | 54                     | -2.71       | -                   | -              | 205            | 109         | 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 T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.02                | Pk  | 32.1           | -22.3                    | 64.82                      | -                      | -           | 74                  | -9.18          | 160            | 363         | V        |
| 2      | * 2.484         | 58.82                | Pk  | 32.1           | -22.3                    | 68.62                      | -                      | -           | 74                  | -5.38          | 160            | 363         | V        |
| 3      | * 2.484         | 39.05                | RMS | 32.1           | -22.3                    | 48.85                      | 54                     | -5.15       | -                   | -              | 160            | 363         | V        |
| 4      | * 2.484         | 39.66                | RMS | 32.1           | -22.3                    | 49.46                      | 54                     | -4.54       | -                   | -              | 160            | 363         | V        |

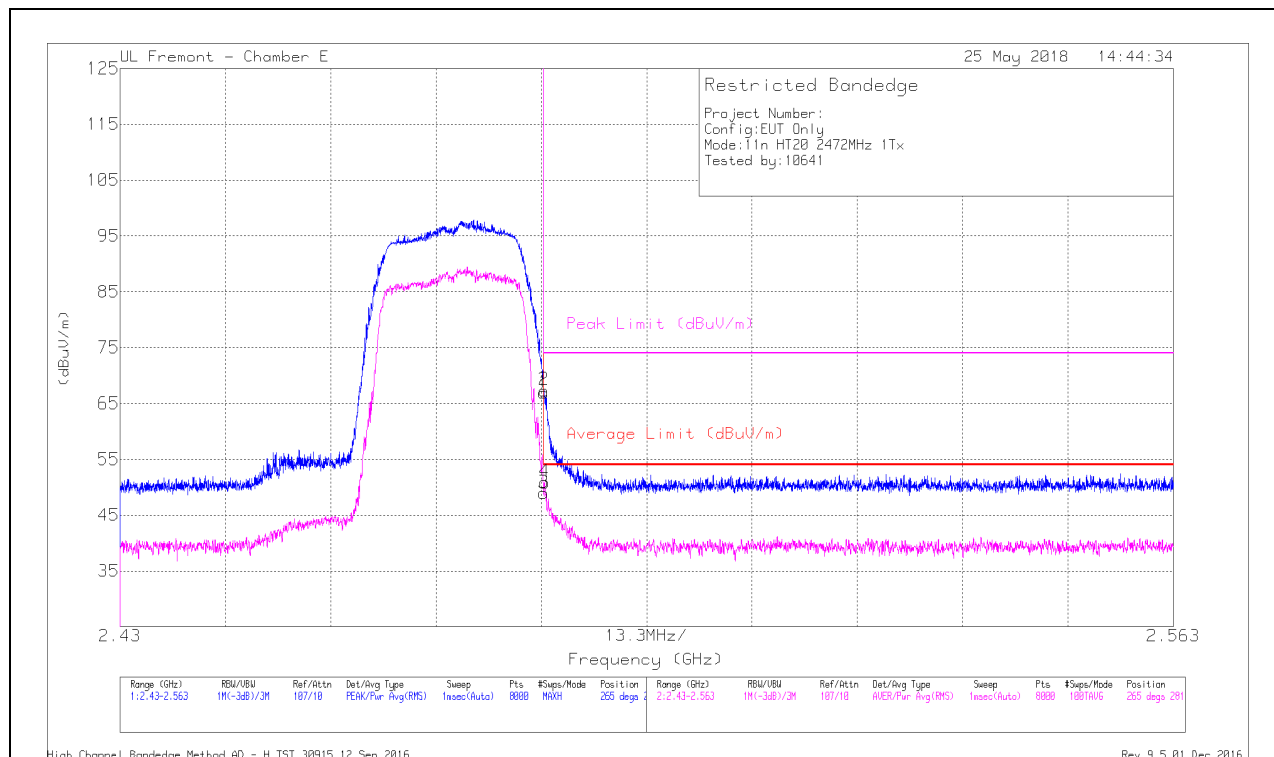
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 13)**

## **HORIZONTAL RESULT**



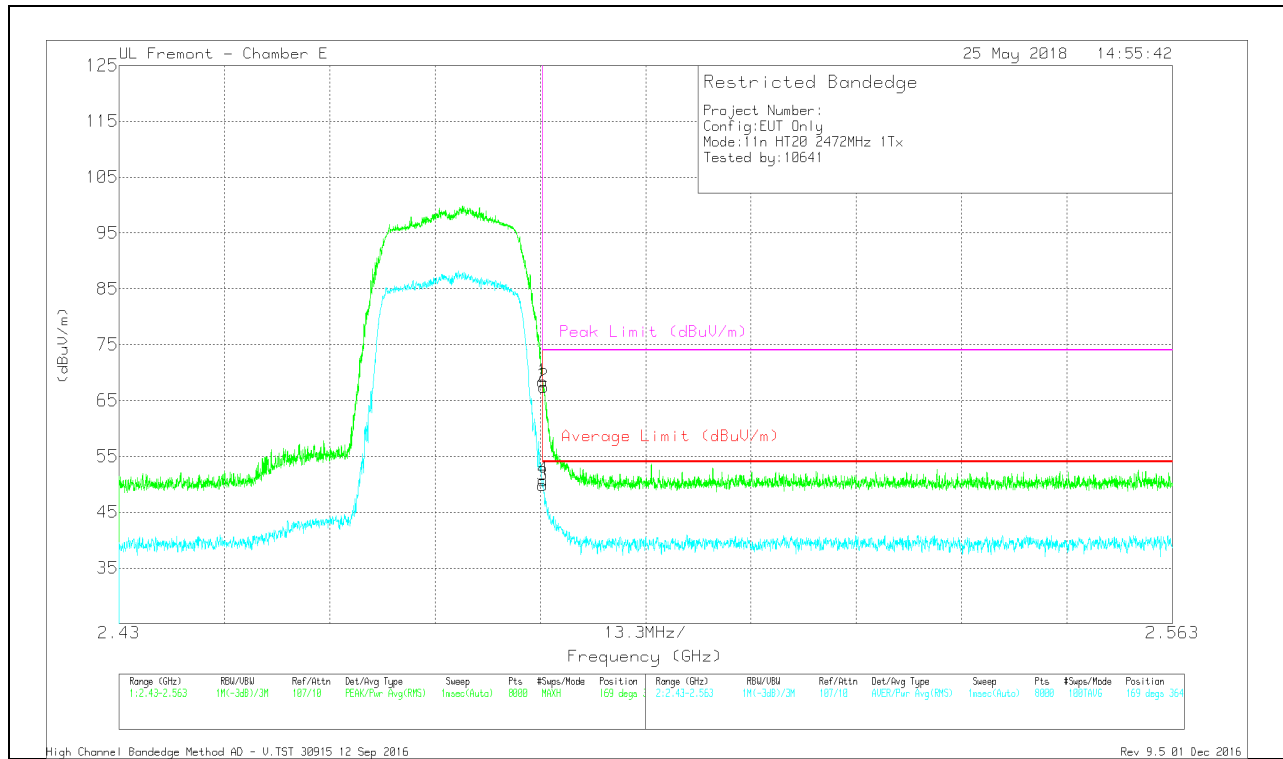
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 57.12                | Pk  | 32.1           | -22.3                   | 66.92                      | -                      | -           | 74                  | -7.08          | 265            | 281         | H        |
| 2      | * 2.484         | 57.57                | Pk  | 32.1           | -22.3                   | 67.37                      | -                      | -           | 74                  | -6.63          | 265            | 281         | H        |
| 3      | * 2.484         | 39.17                | RMS | 32.1           | -22.3                   | 48.97                      | 54                     | -5.03       | -                   | -              | 265            | 281         | H        |
| 4      | * 2.484         | 41.09                | RMS | 32.1           | -22.3                   | 50.89                      | 54                     | -3.11       | -                   | -              | 265            | 281         | 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 T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 58.62                | Pk  | 32.1           | -22.3                    | 68.42                      | -                      | -           | 74                  | -5.58          | 169            | 364         | V        |
| 2      | * 2.484         | 57.68                | Pk  | 32.1           | -22.3                    | 67.48                      | -                      | -           | 74                  | -6.52          | 169            | 364         | V        |
| 3      | * 2.484         | 40.07                | RMS | 32.1           | -22.3                    | 49.87                      | 54                     | -4.13       | -                   | -              | 169            | 364         | V        |
| 4      | * 2.484         | 40.94                | RMS | 32.1           | -22.3                    | 50.74                      | 54                     | -3.26       | -                   | -              | 169            | 364         | V        |

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

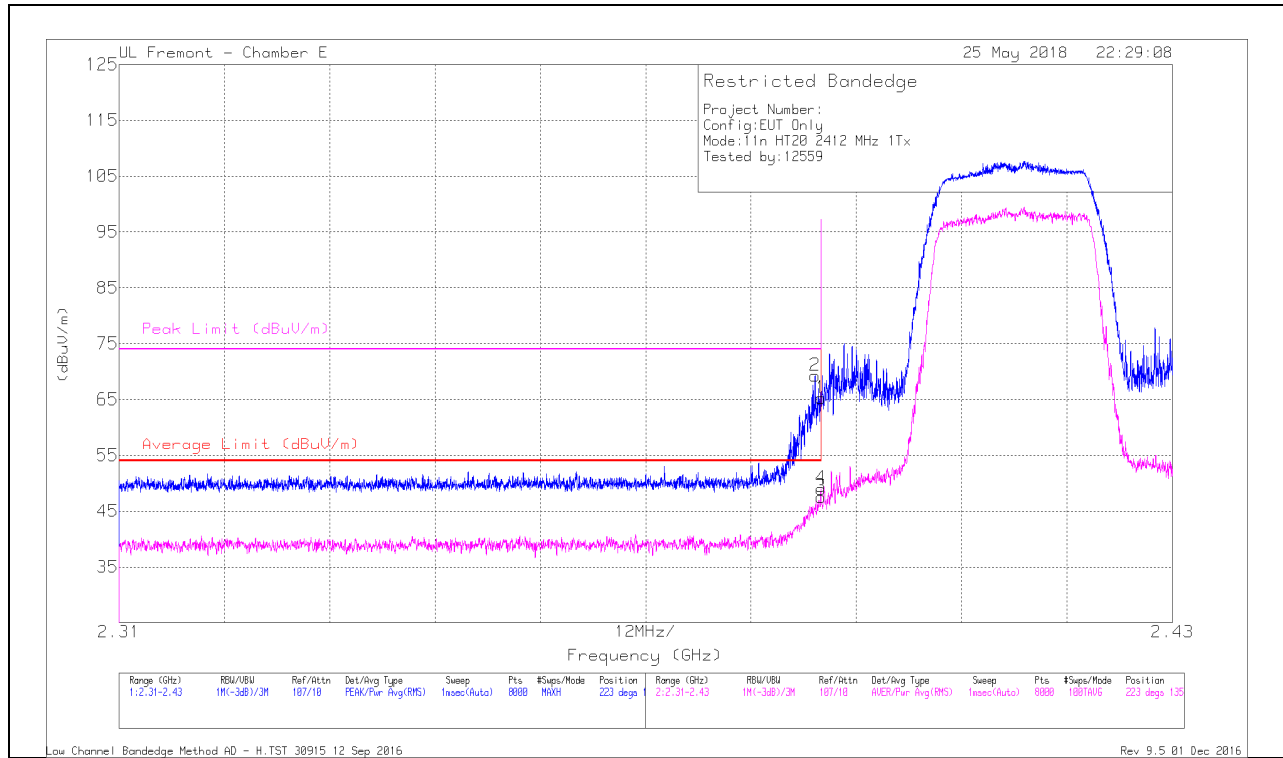
Pk - Peak detector

RMS - RMS detection

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL, CH 1)**

**HORIZONTAL RESULT**



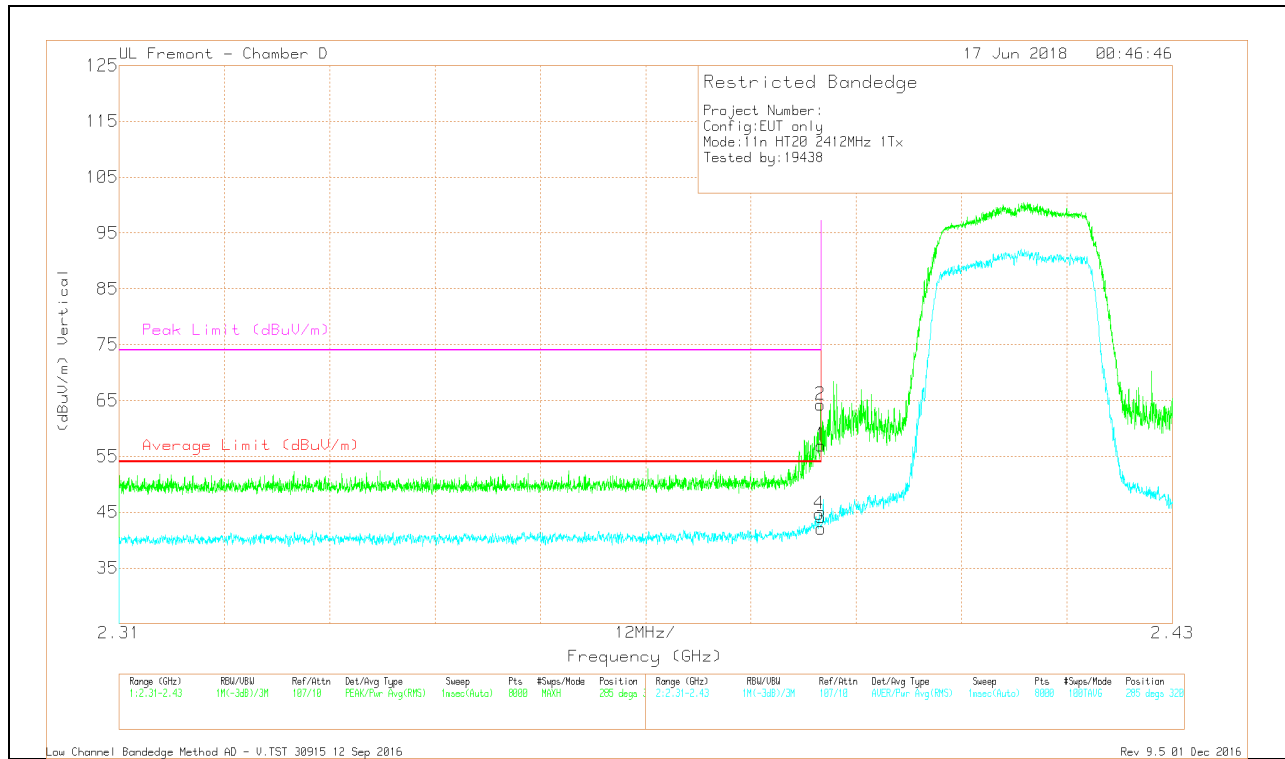
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.83                | Pk  | 32             | -22.6                    | 65.23                      | -                      | -           | 74                  | -8.77          | 223            | 135         | H        |
| 2      | * 2.389         | 59.85                | Pk  | 32             | -22.6                    | 69.25                      | -                      | -           | 74                  | -4.75          | 223            | 135         | H        |
| 3      | * 2.39          | 38.13                | RMS | 32             | -22.6                    | 47.53                      | 54                     | -6.47       | -                   | -              | 223            | 135         | H        |
| 4      | * 2.39          | 39.61                | RMS | 32             | -22.6                    | 49.01                      | 54                     | -4.99       | -                   | -              | 223            | 135         | 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 T136 (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      | * 2.39          | 45.55                | Pk  | 31.9           | -20.5                  | 56.95                      | -                      | -           | 74                  | -17.05         | 285            | 320         | V        |
| 2      | * 2.39          | 52.85                | Pk  | 31.9           | -20.5                  | 64.25                      | -                      | -           | 74                  | -9.75          | 285            | 320         | V        |
| 3      | * 2.39          | 30.7                 | RMS | 31.9           | -20.5                  | 42.1                       | 54                     | -11.9       | -                   | -              | 285            | 320         | V        |
| 4      | * 2.39          | 33.3                 | RMS | 31.9           | -20.5                  | 44.7                       | 54                     | -9.3        | -                   | -              | 285            | 320         | V        |

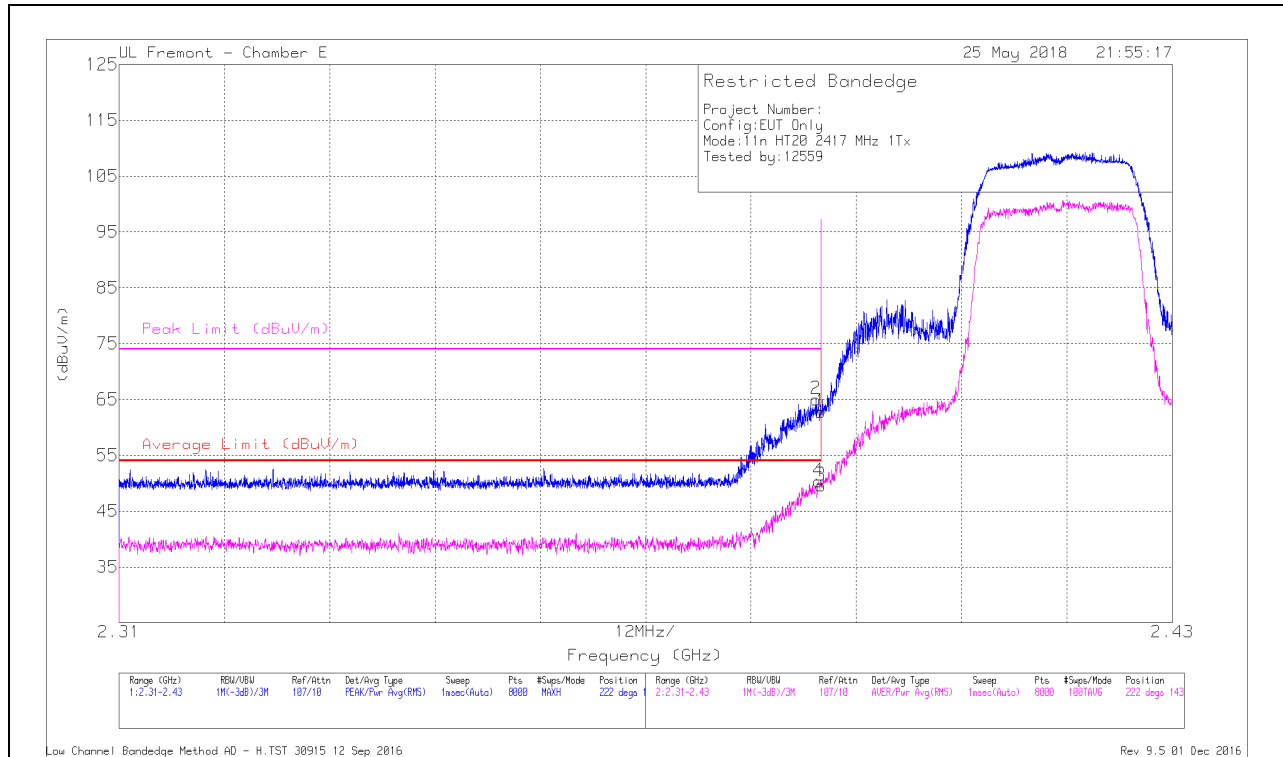
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 2)**

## **HORIZONTAL RESULT**



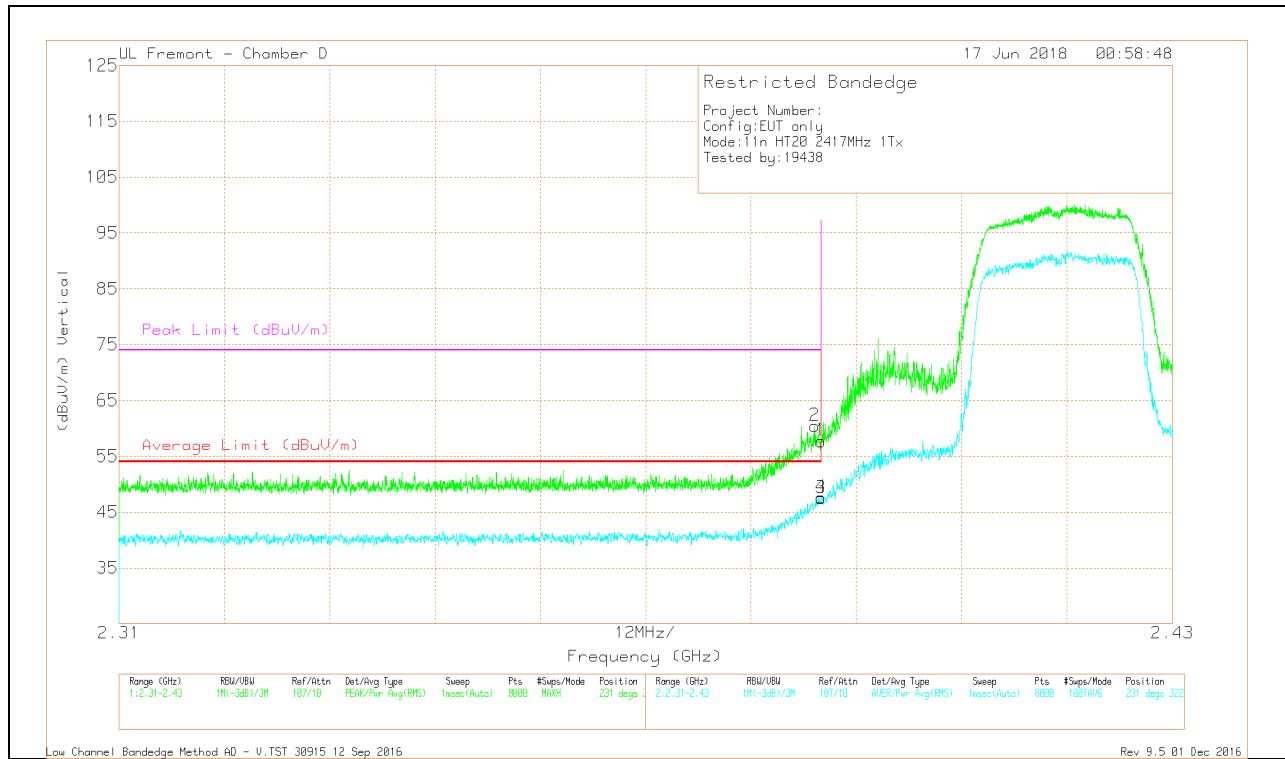
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 53.44                | Pk  | 32             | -22.6                   | 62.84                      | -                      | -           | 74                  | -11.16         | 222            | 143         | H        |
| 2      | * 2.389         | 55.64                | Pk  | 32             | -22.6                   | 65.04                      | -                      | -           | 74                  | -8.96          | 222            | 143         | H        |
| 3      | * 2.39          | 40.21                | RMS | 32             | -22.6                   | 49.61                      | 54                     | -4.39       | -                   | -              | 222            | 143         | H        |
| 4      | * 2.39          | 40.95                | RMS | 32             | -22.6                   | 50.35                      | 54                     | -3.65       | -                   | -              | 222            | 143         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (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 |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.389         | 49.07                | Pk  | 31.9           | -20.5                  | 60.47                      | -                      | -           | 74                  | -13.53         | 231            | 322         | V        |
| 1      | * 2.39          | 46.33                | Pk  | 31.9           | -20.5                  | 57.73                      | -                      | -           | 74                  | -16.27         | 231            | 322         | V        |
| 3      | * 2.39          | 36.1                 | RMS | 31.9           | -20.5                  | 47.5                       | 54                     | -6.5        | -                   | -              | 231            | 322         | V        |
| 4      | * 2.39          | 36.22                | RMS | 31.9           | -20.5                  | 47.62                      | 54                     | -6.38       | -                   | -              | 231            | 322         | V        |

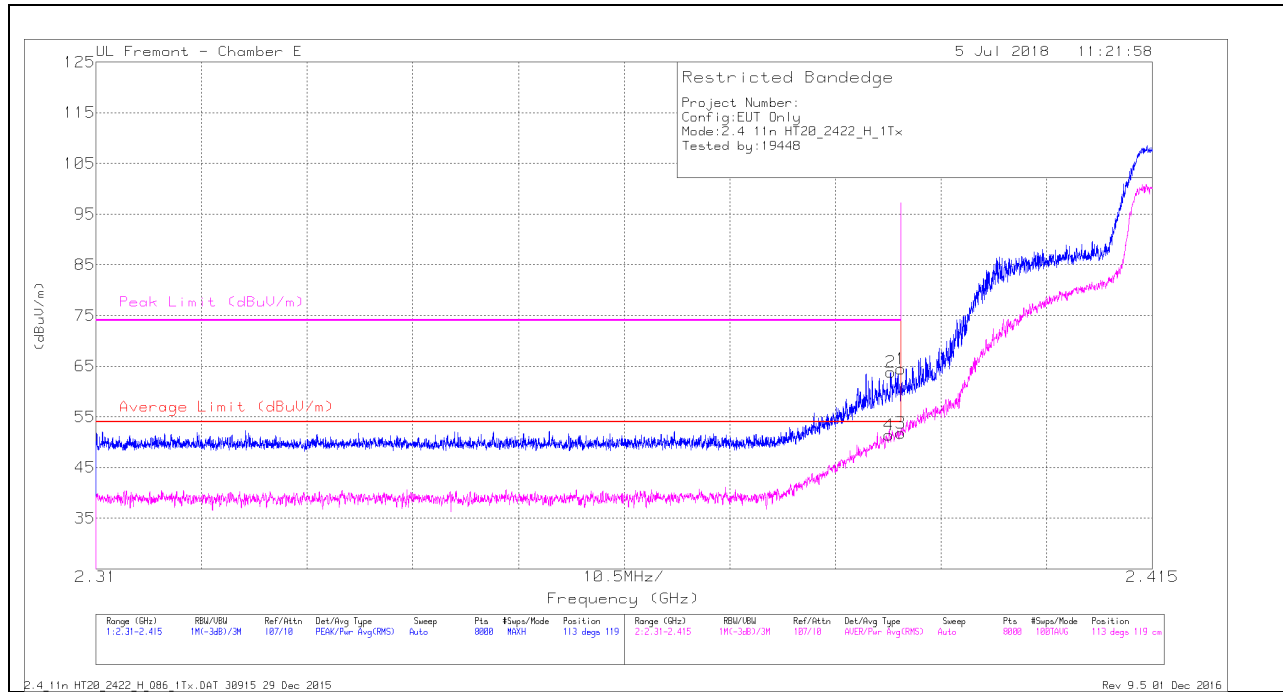
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 3)**

## **HORIZONTAL RESULT**



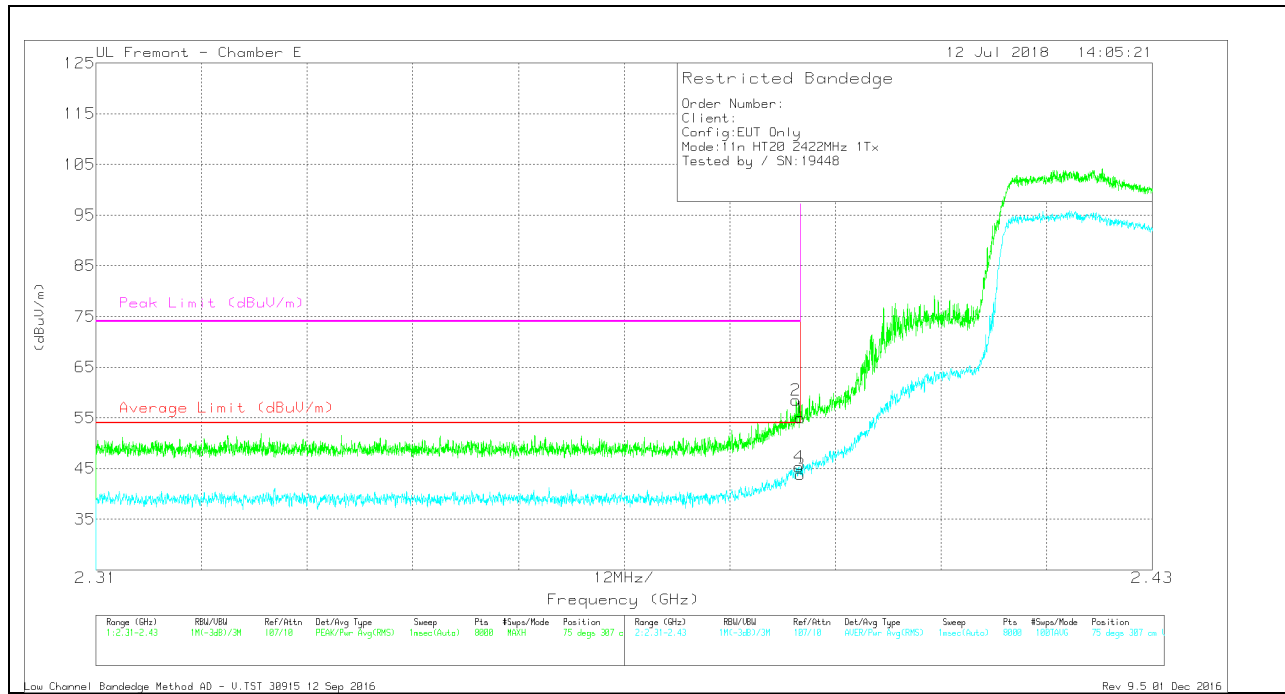
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.1                 | Pk  | 32             | -22.6                  | 64.5                       | -                      | -           | 74                  | -9.5           | 113            | 119         | H        |
| 2      | * 2.389         | 54.56                | Pk  | 31.9           | -22.6                  | 63.86                      | -                      | -           | 74                  | -10.14         | 113            | 119         | H        |
| 3      | * 2.39          | 42.36                | RMS | 32             | -22.6                  | 51.76                      | 54                     | -2.24       | -                   | -              | 113            | 119         | H        |
| 4      | * 2.389         | 42.14                | RMS | 31.9           | -22.6                  | 51.44                      | 54                     | -2.56       | -                   | -              | 113            | 119         | 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 T346 (dB/m) | Amp/Cb/Filtz/Par 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      | * 2.39          | 45.56                | Pk  | 32             | -22.6                   | 54.96                      | -                      | -           | 74                  | -19.04         | 75             | 307         | V        |
| 2      | * 2.39          | 49.05                | Pk  | 32             | -22.6                   | 58.45                      | -                      | -           | 74                  | -15.55         | 75             | 307         | V        |
| 3      | * 2.39          | 34.45                | RMS | 32             | -22.6                   | 43.85                      | 54                     | -10.15      | -                   | -              | 75             | 307         | V        |
| 4      | * 2.39          | 35.87                | RMS | 32             | -22.6                   | 45.27                      | 54                     | -8.73       | -                   | -              | 75             | 307         | V        |

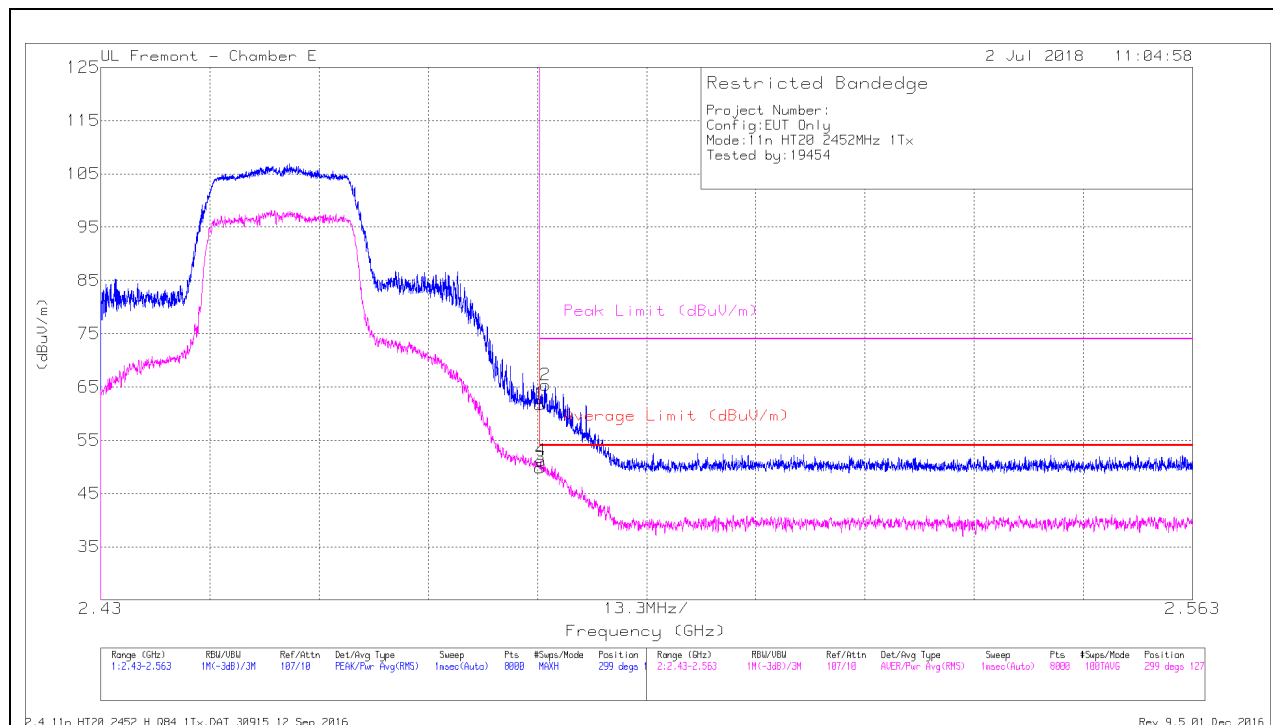
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 9)**

## **HORIZONTAL RESULT**



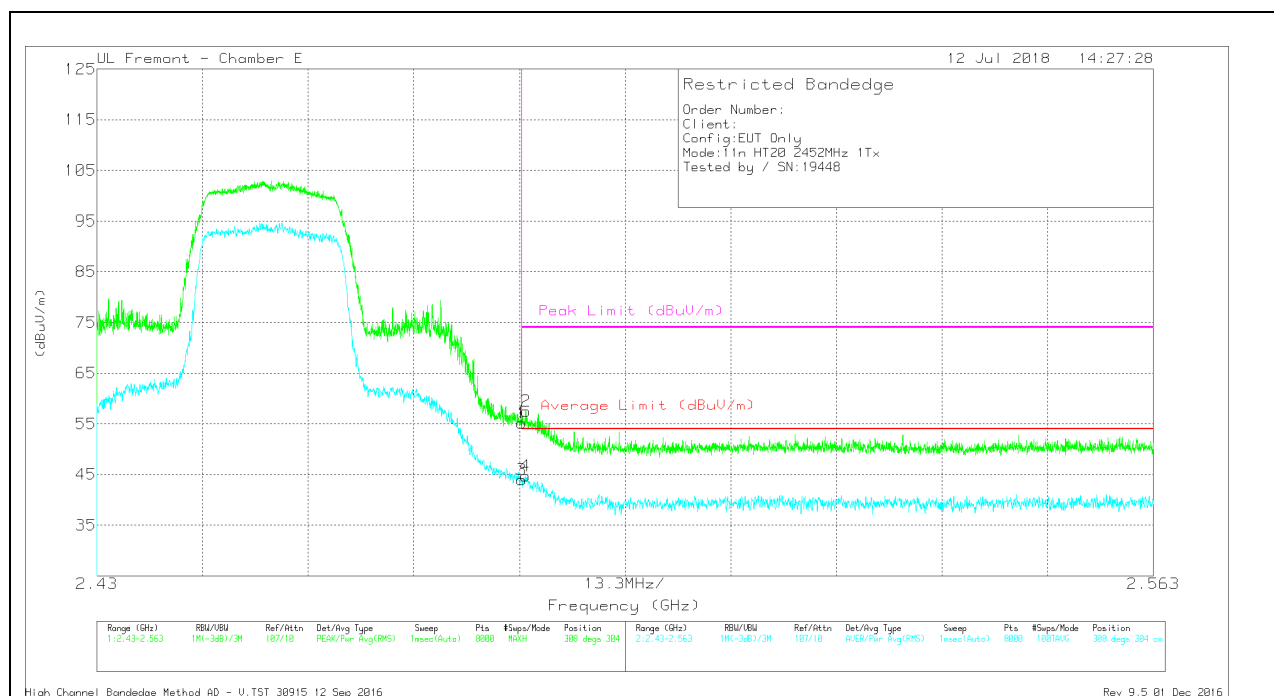
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cb/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|---------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.94                | Pk  | 32.1          | -22.3               | 61.74                      | -                      | -           | 74                  | -12.26         | 299            | 127         | H        |
| 2      | * 2.484         | 55.54                | Pk  | 32.1          | -22.3               | 65.34                      | -                      | -           | 74                  | -8.66          | 299            | 127         | H        |
| 3      | * 2.484         | 40.04                | RMS | 32.1          | -22.3               | 49.84                      | 54                     | -4.16       | -                   | -              | 299            | 127         | H        |
| 4      | * 2.484         | 41.38                | RMS | 32.1          | -22.3               | 51.18                      | 54                     | -2.82       | -                   | -              | 299            | 127         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cb/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      | * 2.484         | 45.35                | Pk  | 32.1           | -22.3                 | 55.15                      | -                      | -           | 74                  | -18.85         | 308            | 304         | V        |
| 2      | * 2.484         | 47.72                | Pk  | 32.1           | -22.3                 | 57.52                      | -                      | -           | 74                  | -16.48         | 308            | 304         | V        |
| 3      | * 2.484         | 34.19                | RMS | 32.1           | -22.3                 | 43.99                      | 54                     | -10.01      | -                   | -              | 308            | 304         | V        |
| 4      | * 2.484         | 34.85                | RMS | 32.1           | -22.3                 | 44.65                      | 54                     | -9.35       | -                   | -              | 308            | 304         | V        |

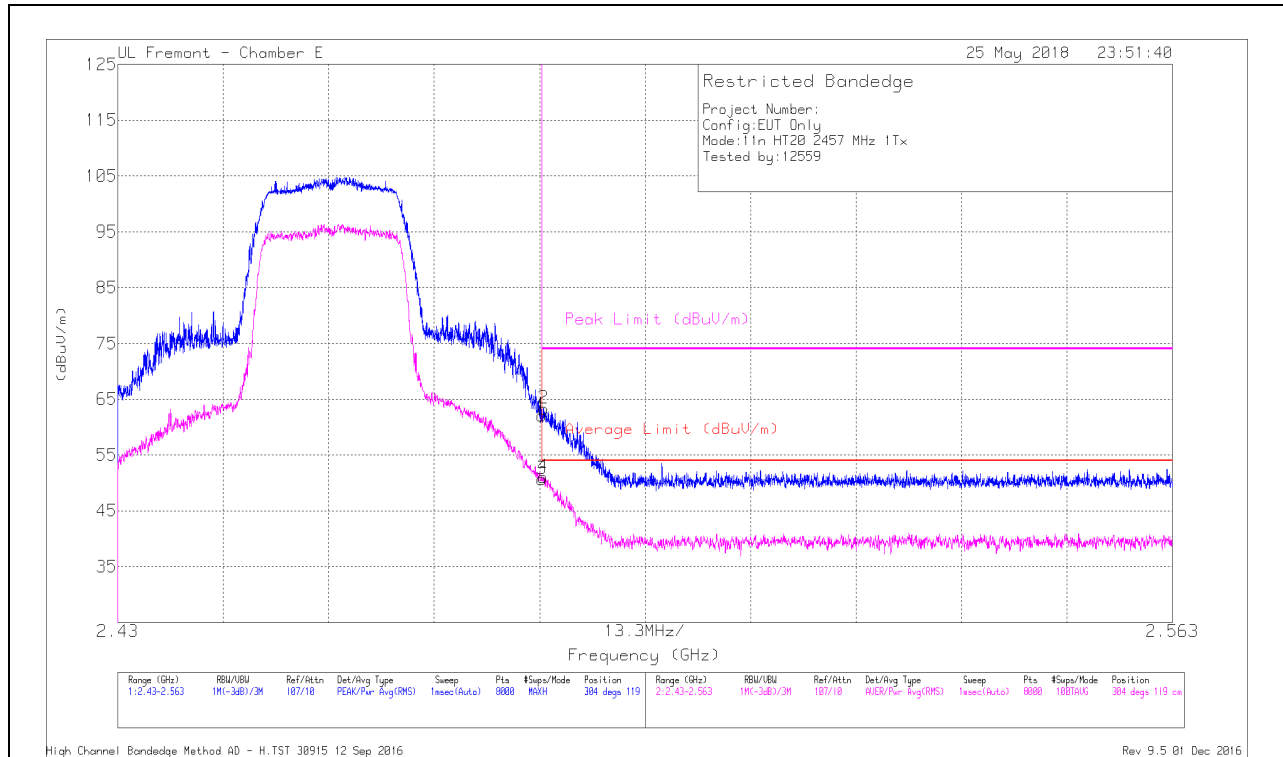
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 10)**

## **HORIZONTAL RESULT**



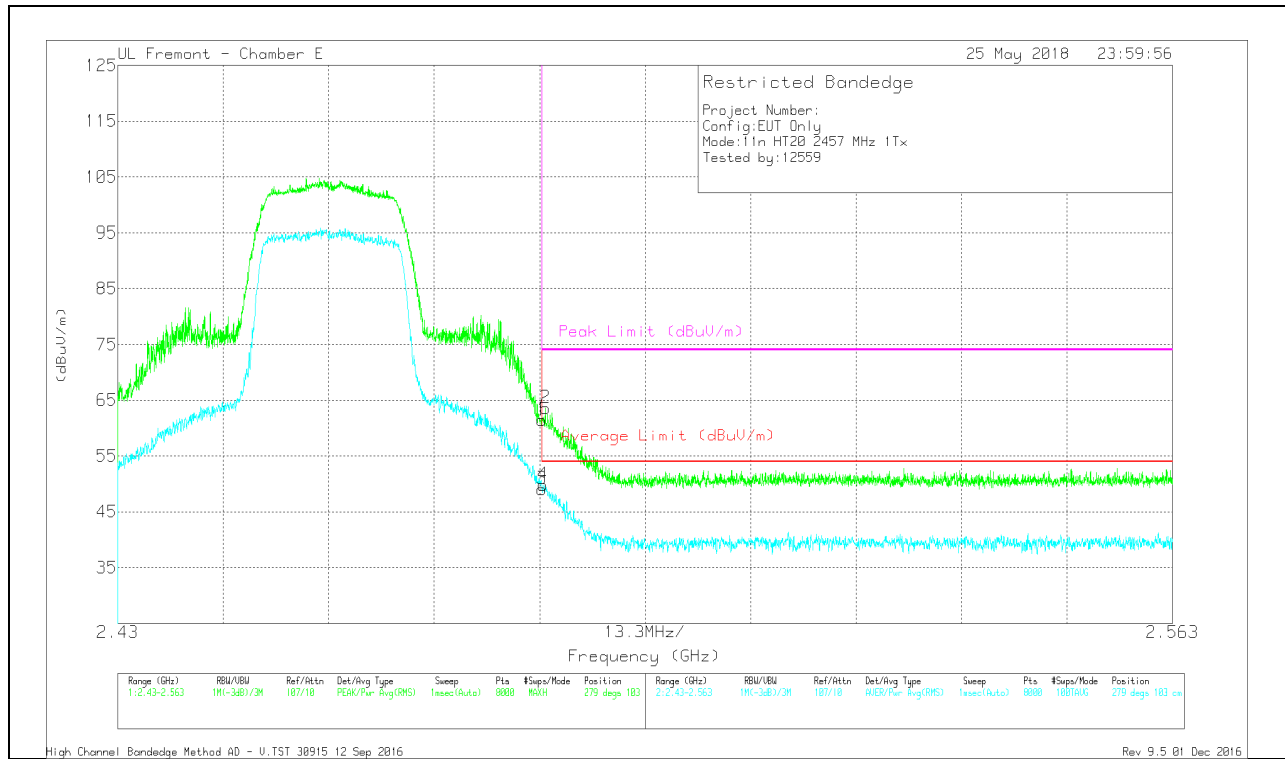
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.27                | Pk  | 32.1          | -22.3                   | 62.07                      | -                      | -           | 74                  | -11.93         | 304            | 119         | H        |
| 2      | * 2.484         | 53.55                | Pk  | 32.1          | -22.3                   | 63.35                      | -                      | -           | 74                  | -10.65         | 304            | 119         | H        |
| 3      | * 2.484         | 40.82                | RMS | 32.1          | -22.3                   | 50.62                      | 54                     | -3.38       | -                   | -              | 304            | 119         | H        |
| 4      | * 2.484         | 41.24                | RMS | 32.1          | -22.3                   | 51.04                      | 54                     | -2.96       | -                   | -              | 304            | 119         | 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 T346 (dBm) | Amp/Cbl/Ftr/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      | * 2.484         | 51.63                | Pk  | 32.1          | -22.3                | 61.43                      | -                      | -           | 74                  | -12.57         | 279            | 103         | V        |
| 2      | * 2.484         | 53.78                | Pk  | 32.1          | -22.3                | 63.58                      | -                      | -           | 74                  | -10.42         | 279            | 103         | V        |
| 3      | * 2.484         | 39.24                | RMS | 32.1          | -22.3                | 49.04                      | 54                     | -4.96       | -                   | -              | 279            | 103         | V        |
| 4      | * 2.484         | 40.02                | RMS | 32.1          | -22.3                | 49.82                      | 54                     | -4.18       | -                   | -              | 279            | 103         | V        |

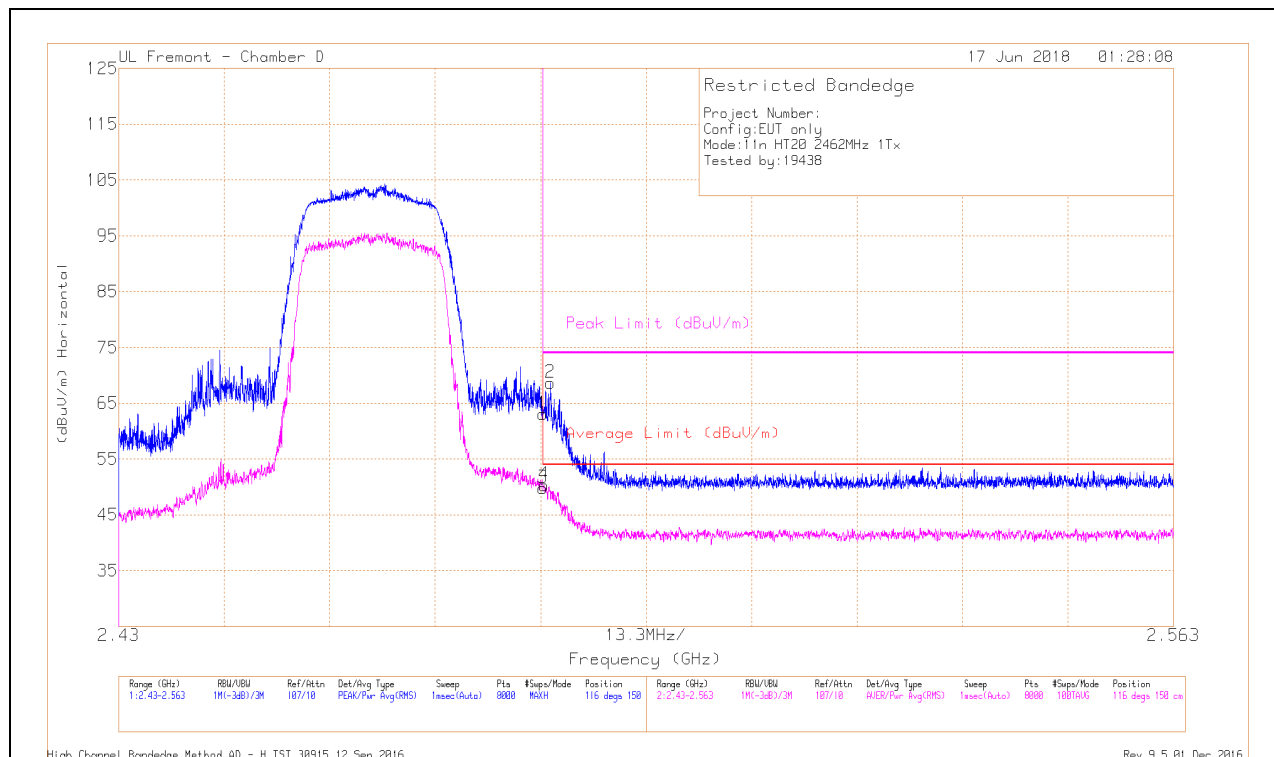
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 11)**

## **HORIZONTAL RESULT**



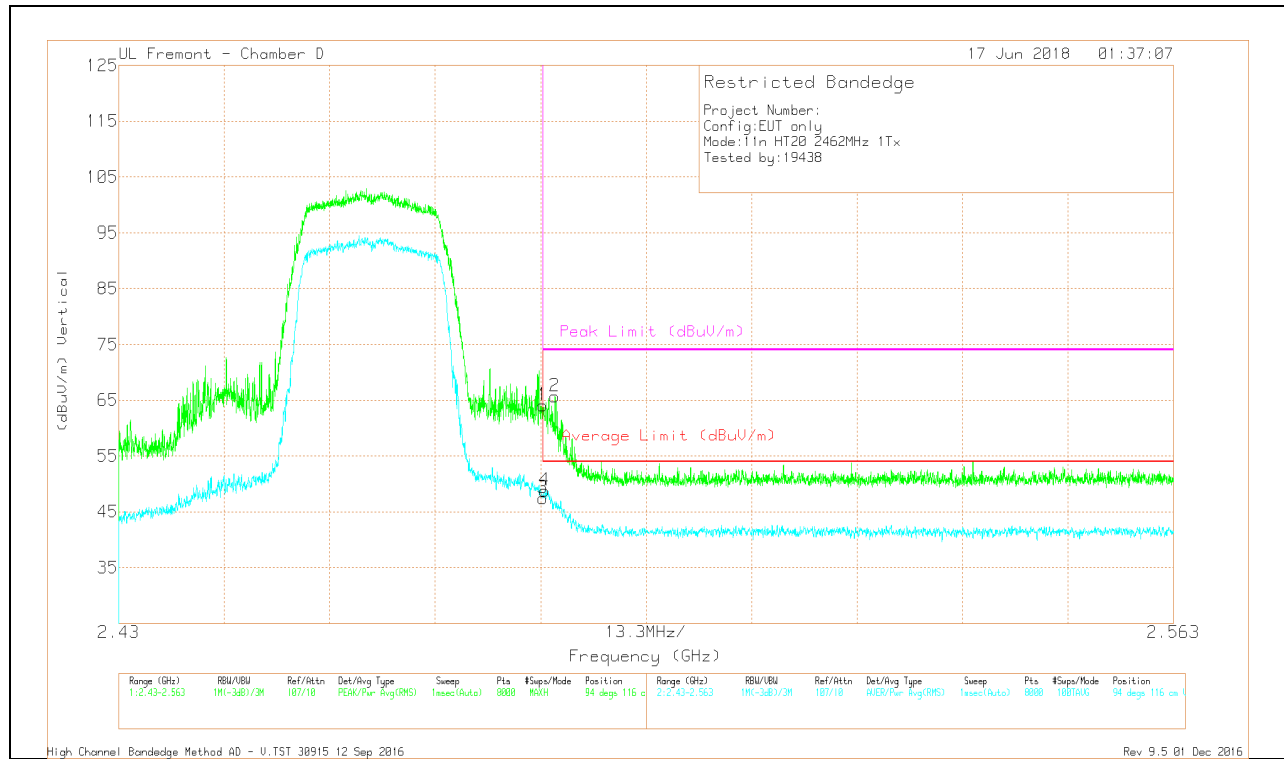
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.06                | Pk  | 32.4           | -20.4                    | 63.06                      | -                      | -           | 74                  | -10.94         | 116            | 150         | H        |
| 2      | * 2.484         | 56.74                | Pk  | 32.4           | -20.5                    | 68.64                      | -                      | -           | 74                  | -5.36          | 116            | 150         | H        |
| 3      | * 2.484         | 37.77                | RMS | 32.4           | -20.4                    | 49.77                      | 54                     | -4.23       | -                   | -              | 116            | 150         | H        |
| 4      | * 2.484         | 38.45                | RMS | 32.4           | -20.5                    | 50.35                      | 54                     | -3.65       | -                   | -              | 116            | 150         | 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 T136 (dBm) | 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      | * 2.484         | 52.09                | Pk  | 32.4          | -20.4                  | 64.09                      | -                      | -           | 74                  | -9.91          | 94             | 116         | V        |
| 3      | * 2.484         | 35.46                | RMS | 32.4          | -20.4                  | 47.46                      | 54                     | -6.54       | -                   | -              | 94             | 116         | V        |
| 4      | * 2.484         | 36.86                | RMS | 32.4          | -20.5                  | 48.76                      | 54                     | -5.24       | -                   | -              | 94             | 116         | V        |
| 2      | * 2.485         | 53.78                | Pk  | 32.4          | -20.5                  | 65.68                      | -                      | -           | 74                  | -8.32          | 94             | 116         | V        |

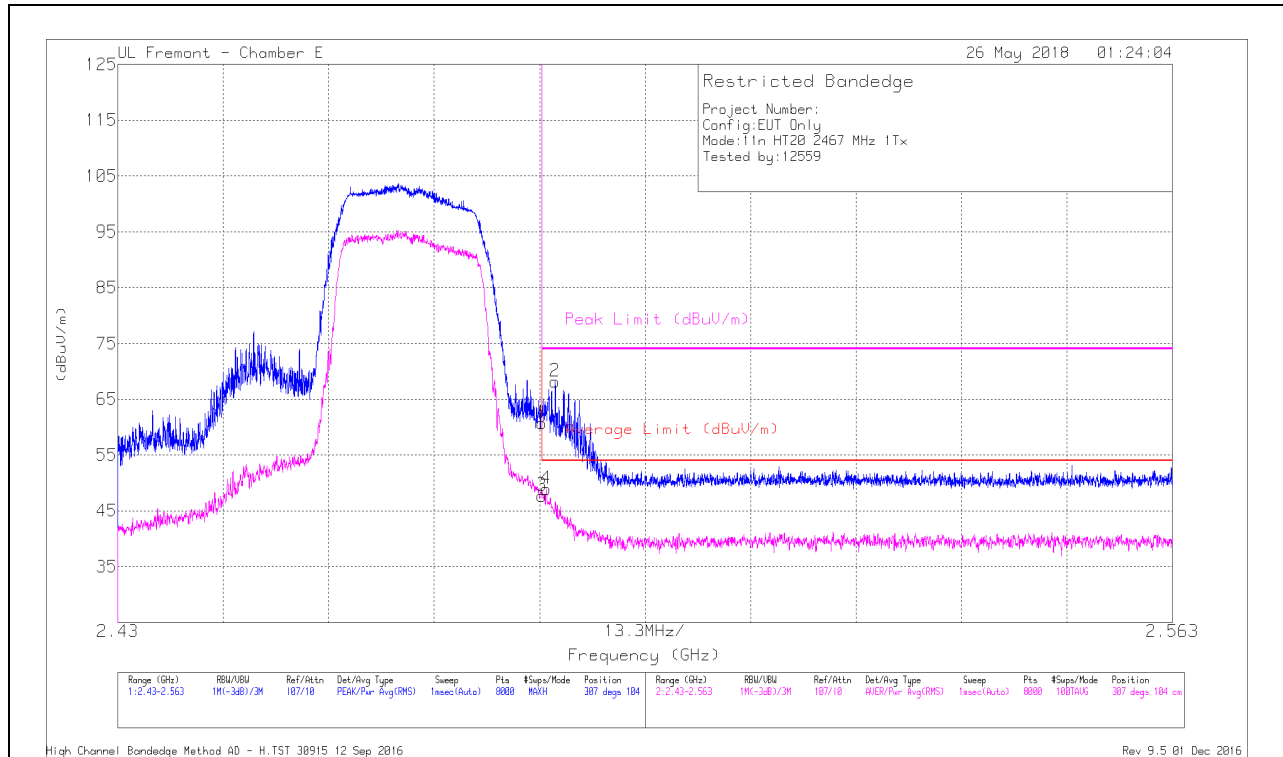
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 12)**

## **HORIZONTAL RESULT**



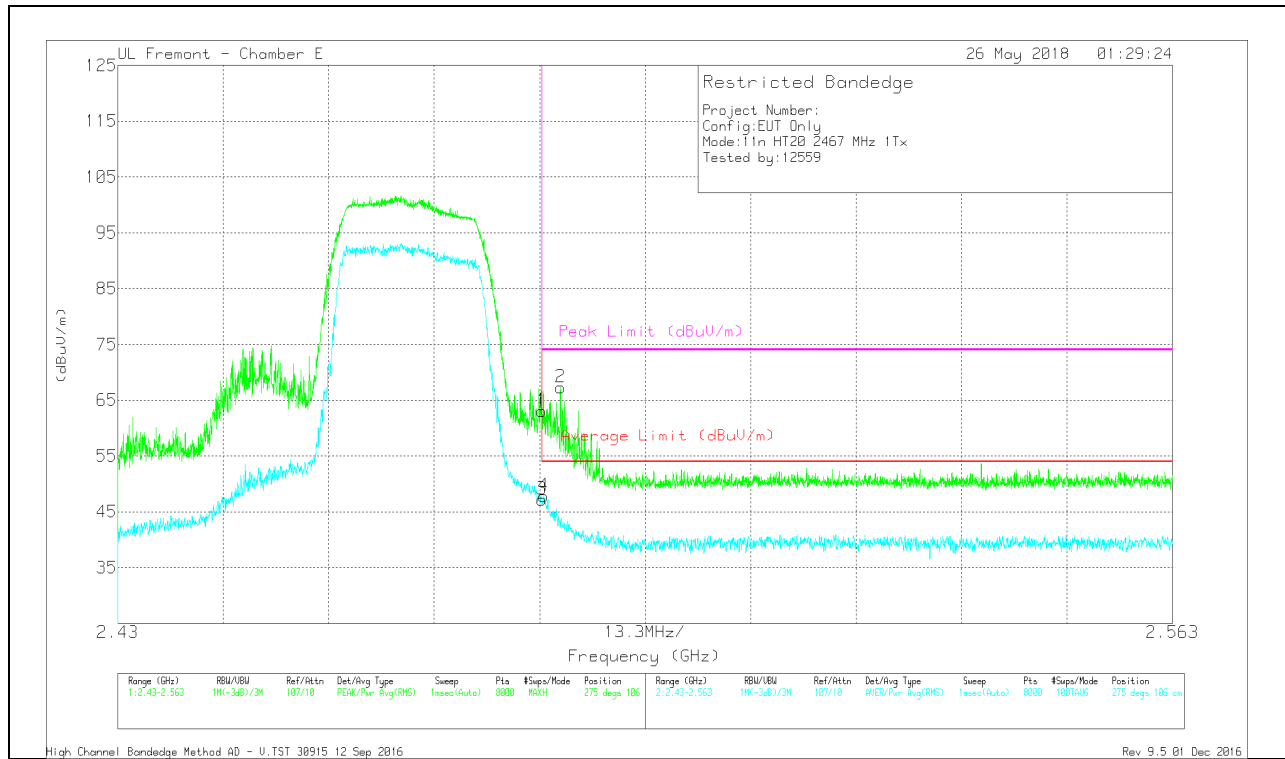
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.96                | Pk  | 32.1          | -22.3                   | 60.76                      | -                      | -           | 74                  | -13.24         | 307            | 104         | H        |
| 3      | * 2.484         | 37.92                | RMS | 32.1          | -22.3                   | 47.72                      | 54                     | -6.28       | -                   | -              | 307            | 104         | H        |
| 4      | * 2.484         | 39.09                | RMS | 32.1          | -22.3                   | 48.89                      | 54                     | -5.11       | -                   | -              | 307            | 104         | H        |
| 2      | * 2.485         | 58.46                | Pk  | 32.1          | -22.4                   | 68.16                      | -                      | -           | 74                  | -5.84          | 307            | 104         | 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 T346 (dBm) | 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      | * 2.484         | 53.27                | Pk  | 32.1          | -22.3                  | 63.07                      | -                      | -           | 74                  | -10.93         | 275            | 106         | V        |
| 3      | * 2.484         | 37.37                | RMS | 32.1          | -22.3                  | 47.17                      | 54                     | -6.83       | -                   | -              | 275            | 106         | V        |
| 4      | * 2.484         | 38.06                | RMS | 32.1          | -22.3                  | 47.86                      | 54                     | -6.14       | -                   | -              | 275            | 106         | V        |
| 2      | * 2.486         | 57.58                | Pk  | 32.1          | -22.4                  | 67.28                      | -                      | -           | 74                  | -6.72          | 275            | 106         | V        |

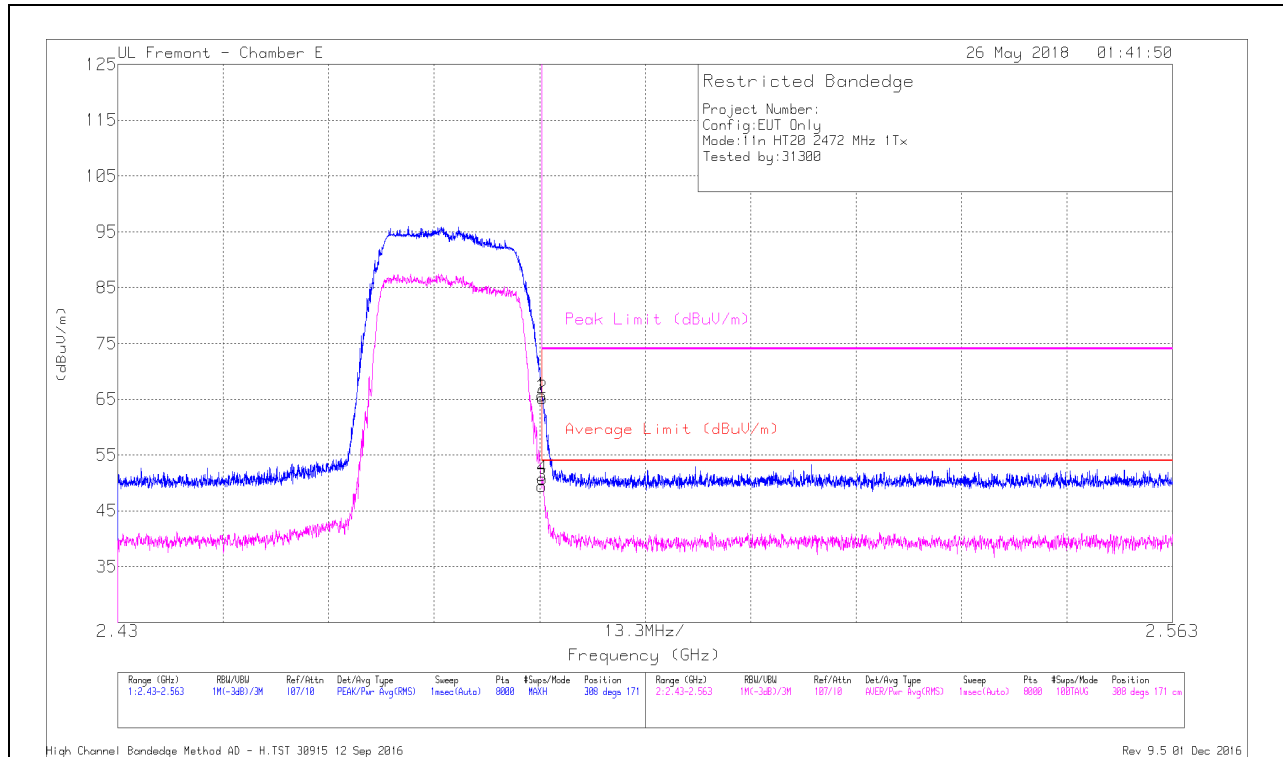
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 13)**

## **HORIZONTAL RESULT**



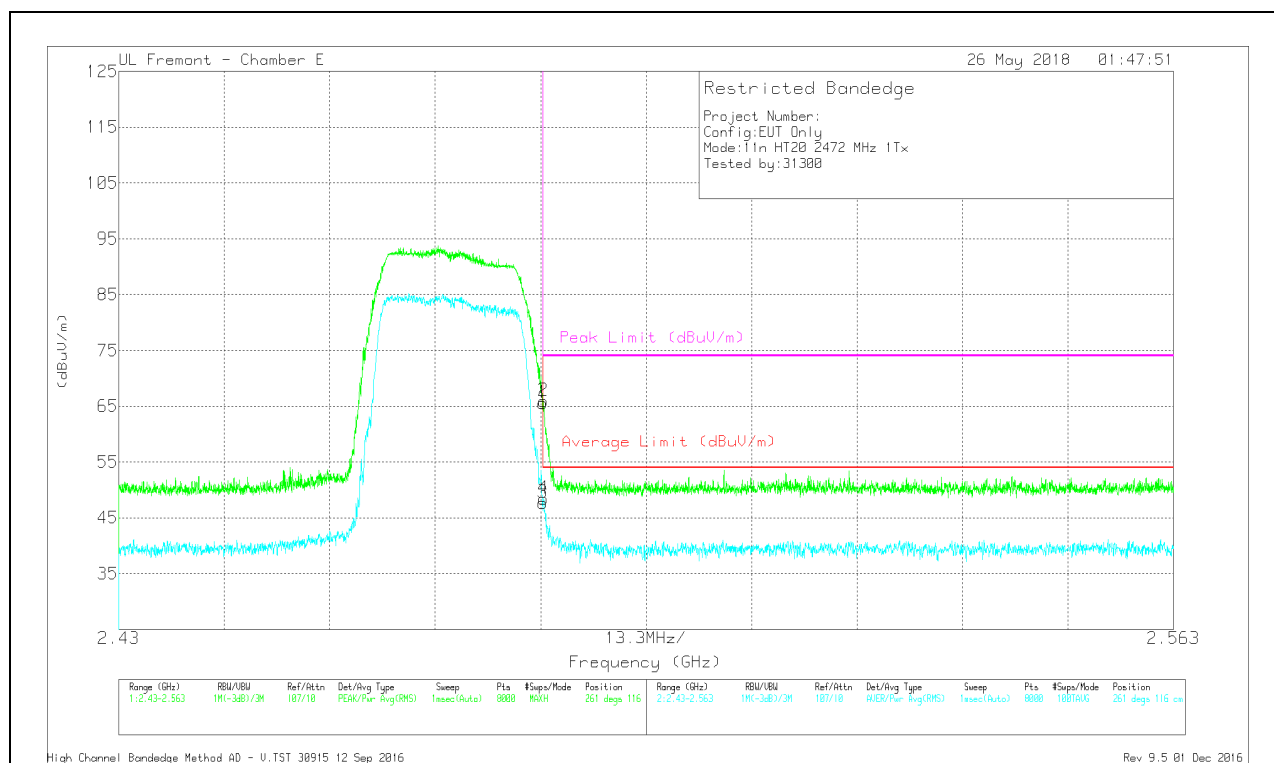
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.94                | Pk  | 32.1          | -22.3                   | 65.74                      | -                      | -           | 74                  | -8.26          | 308            | 171         | H        |
| 2      | * 2.484         | 55.37                | Pk  | 32.1          | -22.3                   | 65.17                      | -                      | -           | 74                  | -8.83          | 308            | 171         | H        |
| 3      | * 2.484         | 39.59                | RMS | 32.1          | -22.3                   | 49.39                      | 54                     | -4.61       | -                   | -              | 308            | 171         | H        |
| 4      | * 2.484         | 40.97                | RMS | 32.1          | -22.3                   | 50.77                      | 54                     | -3.23       | -                   | -              | 308            | 171         | 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 T346 (dBm) | 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      | * 2.484         | 55.74                | Pk  | 32.1          | -22.3                  | 65.54                      | -                      | -           | 74                  | -8.46          | 261            | 116         | V        |
| 2      | * 2.484         | 56.11                | Pk  | 32.1          | -22.3                  | 65.91                      | -                      | -           | 74                  | -8.09          | 261            | 116         | V        |
| 3      | * 2.484         | 37.92                | RMS | 32.1          | -22.3                  | 47.72                      | 54                     | -6.28       | -                   | -              | 261            | 116         | V        |
| 4      | * 2.484         | 38.6                 | RMS | 32.1          | -22.3                  | 48.4                       | 54                     | -5.6        | -                   | -              | 261            | 116         | V        |

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

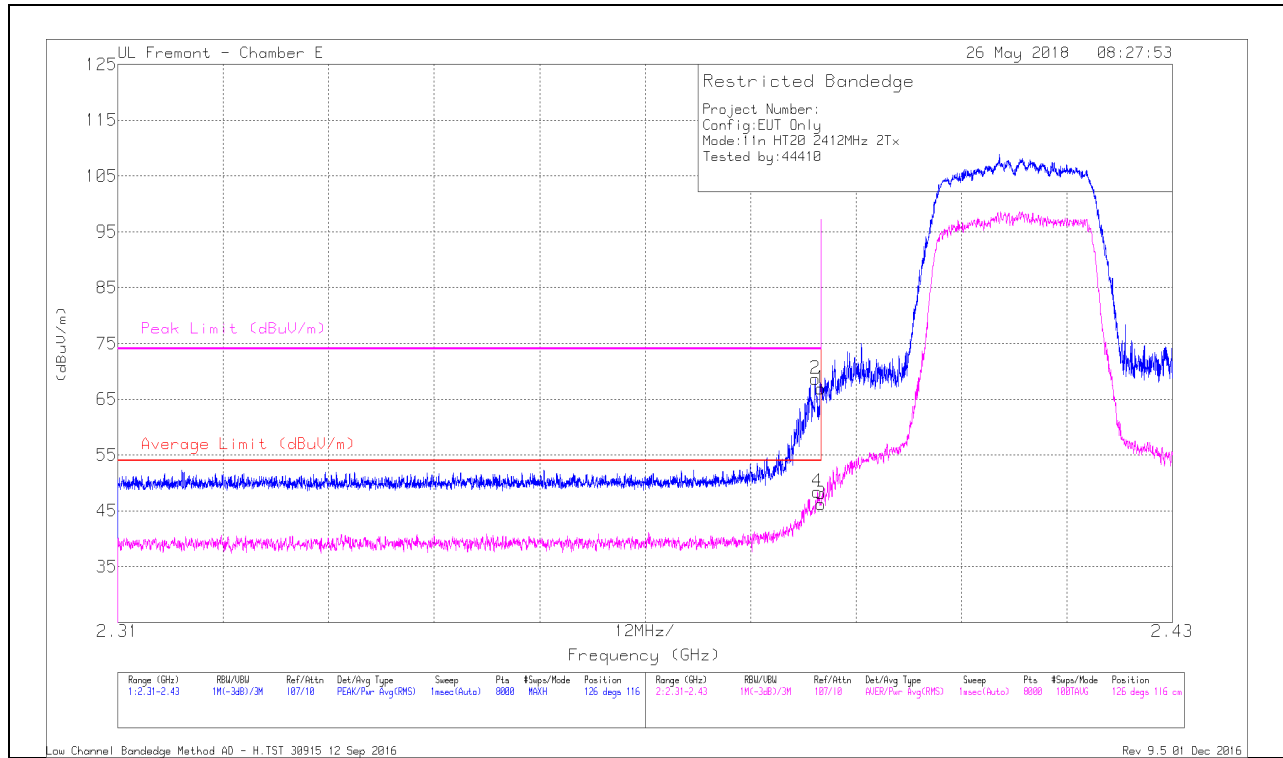
Pk - Peak detector

RMS - RMS detection

### 9.1.3. 2TX Antenna 2 + Antenna 5 CDD MODE

#### BANDEDGE (LOW CHANNEL, CH 1)

#### HORIZONTAL RESULT



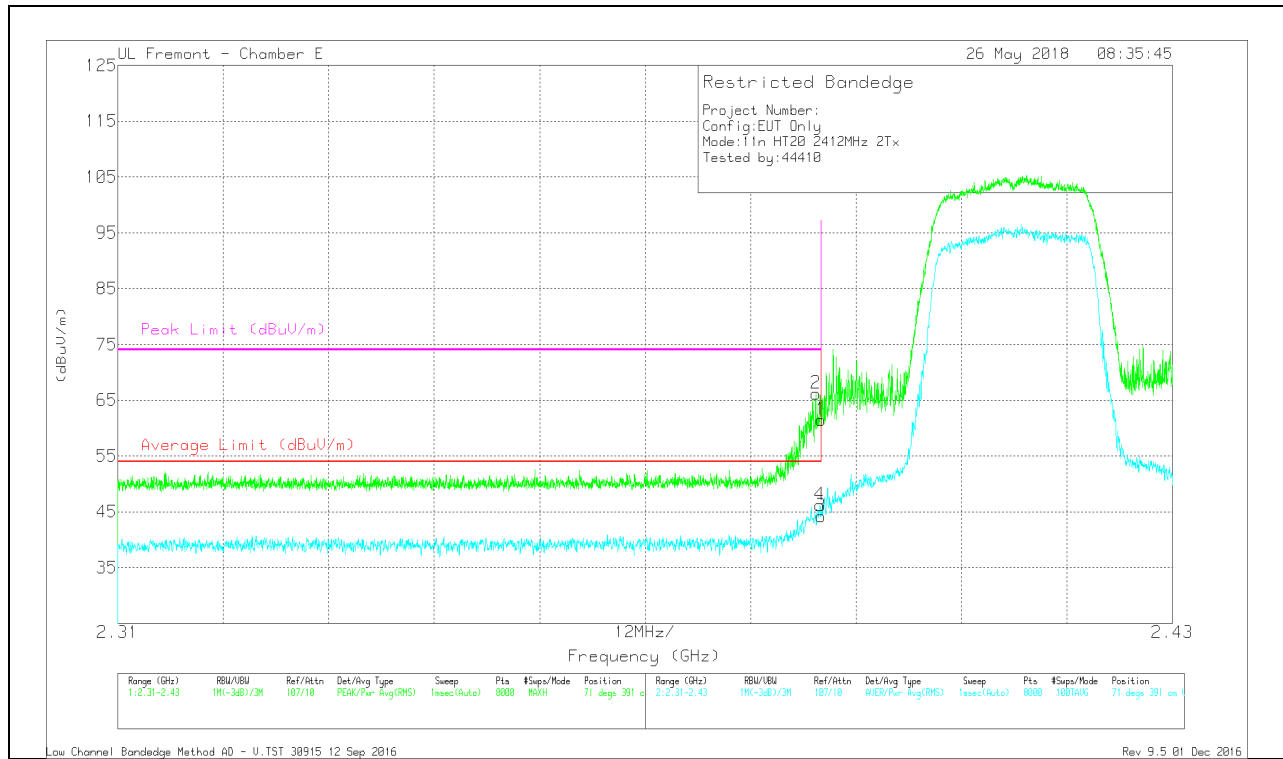
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 57.48                | Pk  | 32             | -22.6                   | 66.88                      | -                      | -           | 74                  | -7.12          | 126            | 116         | H        |
| 2      | * 2.389         | 59.3                 | PK  | 32             | -22.6                   | 68.7                       | -                      | -           | 74                  | -5.3           | 126            | 116         | H        |
| 3      | * 2.39          | 36.76                | RMS | 32             | -22.6                   | 46.16                      | 54                     | -7.84       | -                   | -              | 126            | 116         | H        |
| 4      | * 2.39          | 39.02                | RMS | 32             | -22.6                   | 48.42                      | 54                     | -5.58       | -                   | -              | 126            | 116         | 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 T346 (dB/m) | Ampl/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      | * 2.39          | 52.06                | Pk  | 32             | -22.6                   | 61.46                      | -                      | -           | 74                  | -12.54         | 71             | 391         | V        |
| 2      | * 2.389         | 56.81                | Pk  | 32             | -22.6                   | 66.21                      | -                      | -           | 74                  | -7.79          | 71             | 391         | V        |
| 3      | * 2.39          | 34.85                | RMS | 32             | -22.6                   | 44.25                      | 54                     | -9.75       | -                   | -              | 71             | 391         | V        |
| 4      | * 2.39          | 36.81                | RMS | 32             | -22.6                   | 46.21                      | 54                     | -7.79       | -                   | -              | 71             | 391         | V        |

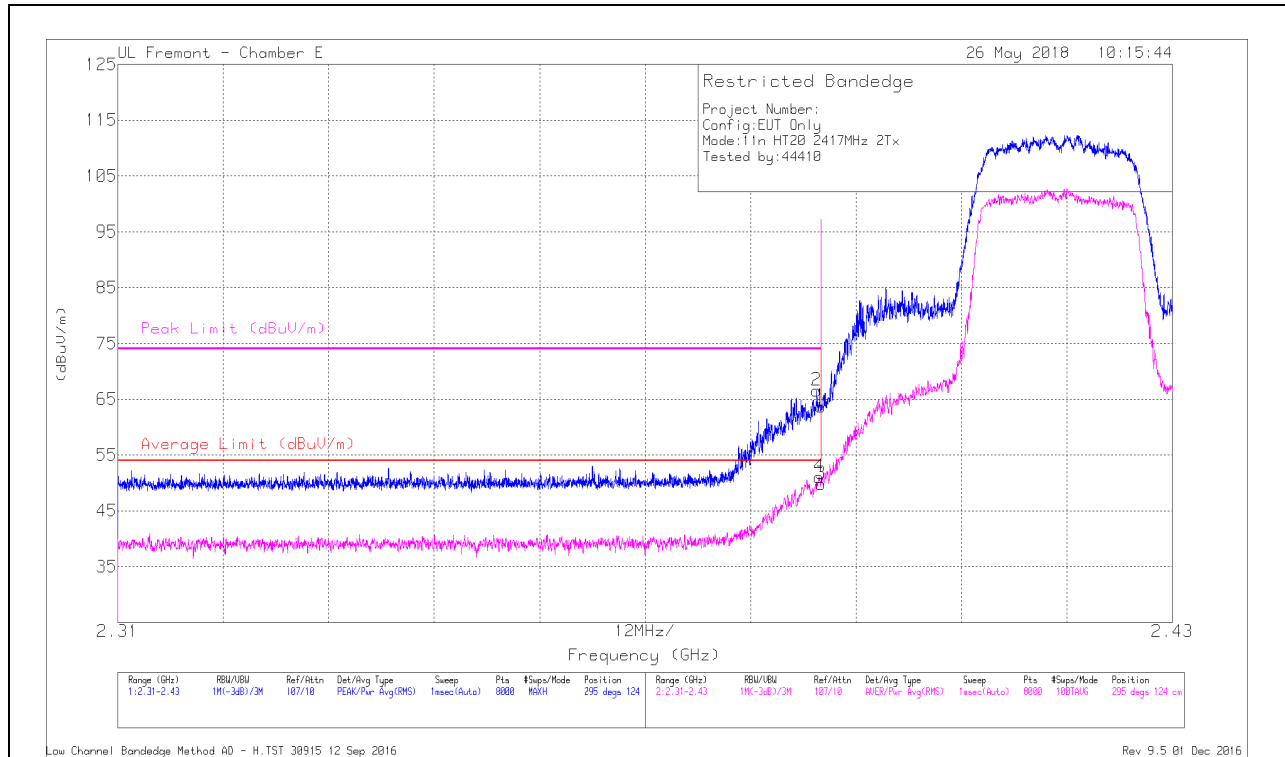
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 2)**

## **HORIZONTAL RESULT**



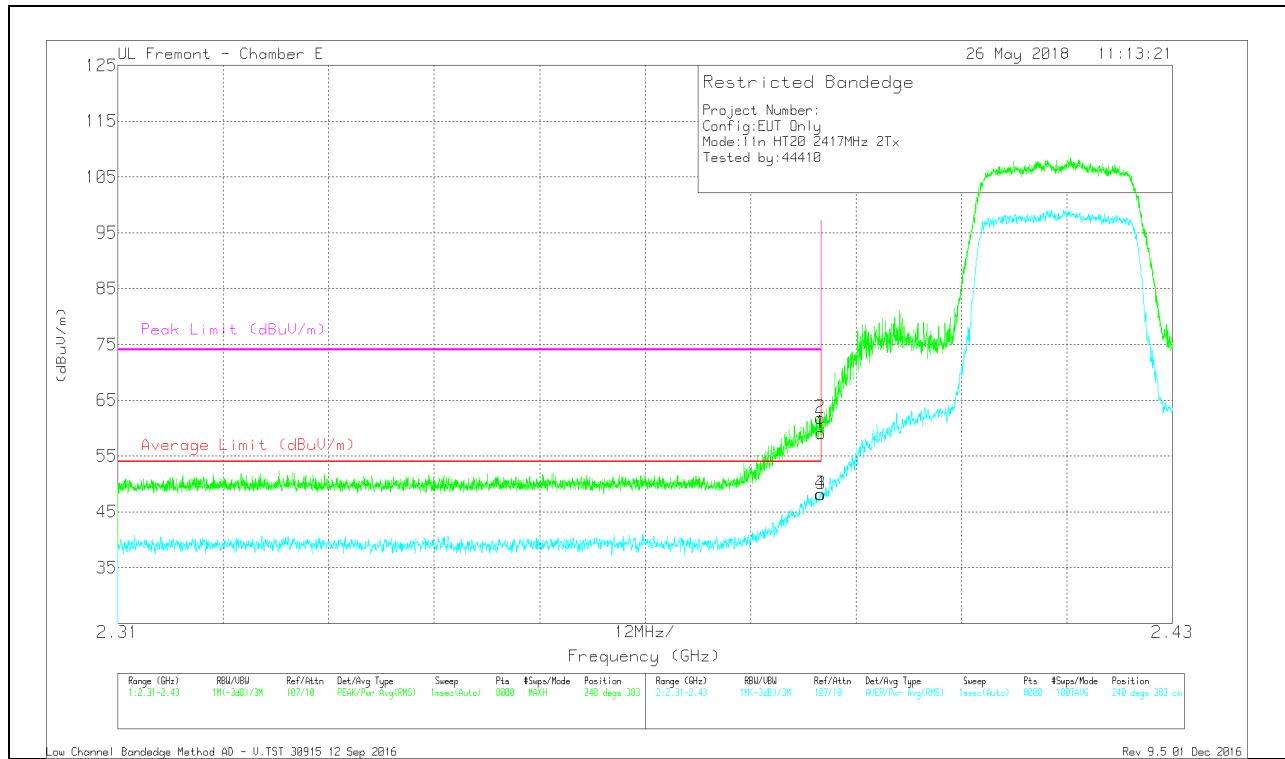
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.29                | Pk  | 32             | -22.6                   | 63.69                      | -                      | -           | 74                  | -10.31         | 295            | 124         | H        |
| 2      | * 2.39          | 57.14                | Pk  | 32             | -22.6                   | 66.54                      | -                      | -           | 74                  | -7.46          | 295            | 124         | H        |
| 3      | * 2.39          | 40.43                | RMS | 32             | -22.6                   | 49.83                      | 54                     | -4.17       | -                   | -              | 295            | 124         | H        |
| 4      | * 2.39          | 41.62                | RMS | 32             | -22.6                   | 51.02                      | 54                     | -2.98       | -                   | -              | 295            | 124         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/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      | * 2.39          | 49.7                 | Pk  | 32             | -22.6                   | 59.1                       | -                      | -           | 74                  | -14.9          | 240            | 383         | V        |
| 2      | * 2.39          | 52.42                | Pk  | 32             | -22.6                   | 61.82                      | -                      | -           | 74                  | -12.18         | 240            | 383         | V        |
| 3      | * 2.39          | 38.82                | RMS | 32             | -22.6                   | 48.22                      | 54                     | -5.78       | -                   | -              | 240            | 383         | V        |
| 4      | * 2.39          | 38.79                | RMS | 32             | -22.6                   | 48.19                      | 54                     | -5.81       | -                   | -              | 240            | 383         | V        |

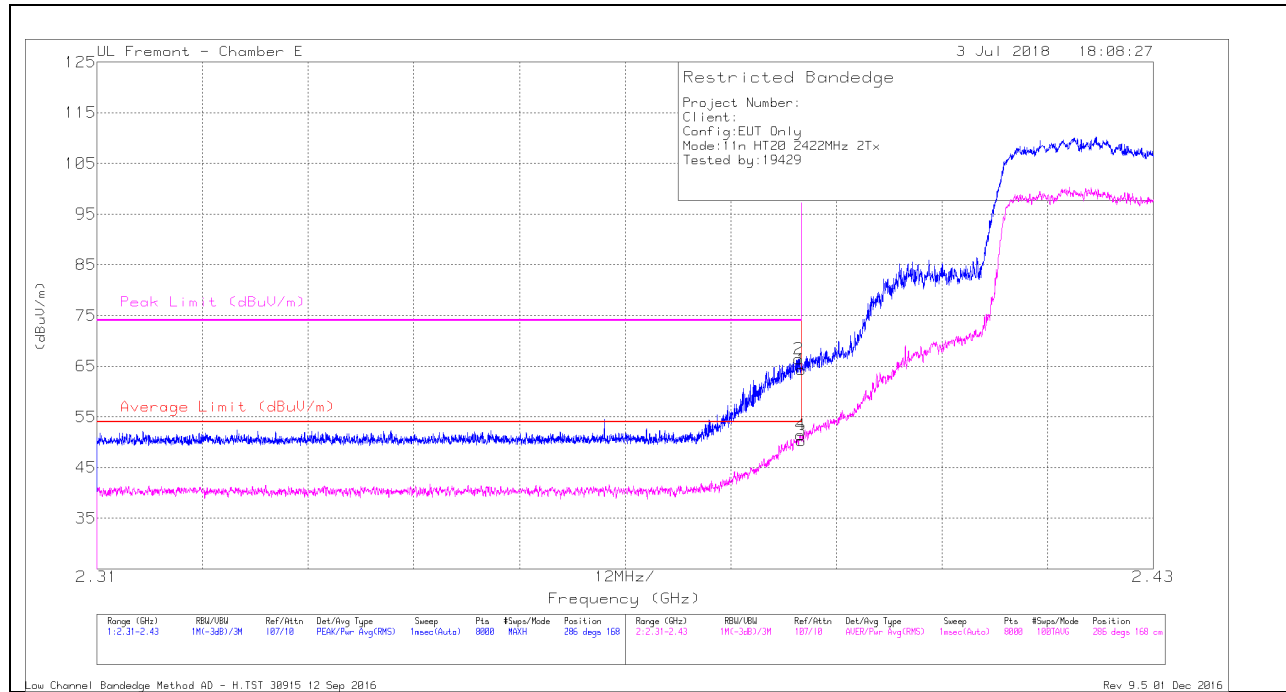
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 3)**

## **HORIZONTAL RESULT**



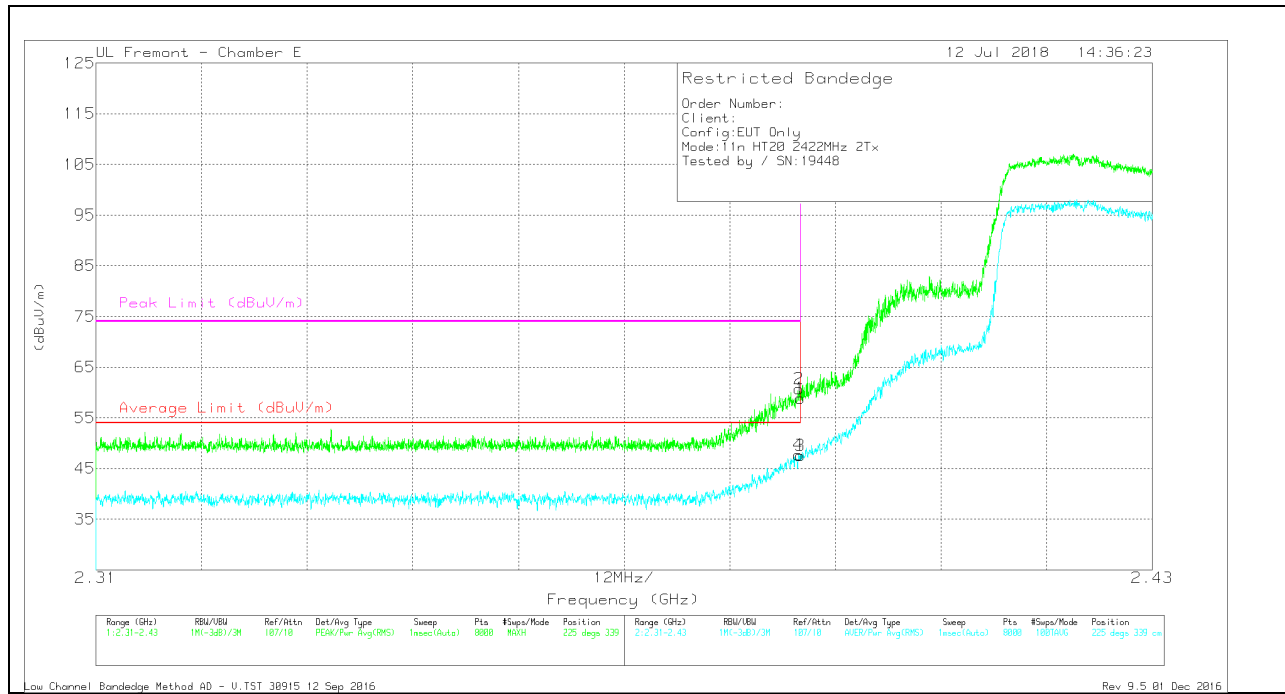
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.95                | Pk  | 32             | -22.6                   | 64.35                      | -                      | -           | 74                  | -9.65          | 286            | 168         | H        |
| 2      | * 2.39          | 57.02                | Pk  | 32             | -22.6                   | 66.42                      | -                      | -           | 74                  | -7.58          | 286            | 168         | H        |
| 3      | * 2.39          | 40.89                | RMS | 32             | -22.6                   | 50.29                      | 54                     | -3.71       | -                   | -              | 286            | 168         | H        |
| 4      | * 2.39          | 42.01                | RMS | 32             | -22.6                   | 51.41                      | 54                     | -2.59       | -                   | -              | 286            | 168         | 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 | AFT346 (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      | * 2.39          | 49.47                | Pk  | 32            | -22.6                 | 58.87                      | -                      | -           | 74                  | -15.13         | 225            | 339         | V        |
| 2      | * 2.39          | 51.33                | Pk  | 32            | -22.6                 | 60.73                      | -                      | -           | 74                  | -13.27         | 225            | 339         | V        |
| 3      | * 2.39          | 38.15                | RMS | 32            | -22.6                 | 47.55                      | 54                     | -6.45       | -                   | -              | 225            | 339         | V        |
| 4      | * 2.39          | 38.23                | RMS | 32            | -22.6                 | 47.63                      | 54                     | -6.37       | -                   | -              | 225            | 339         | V        |

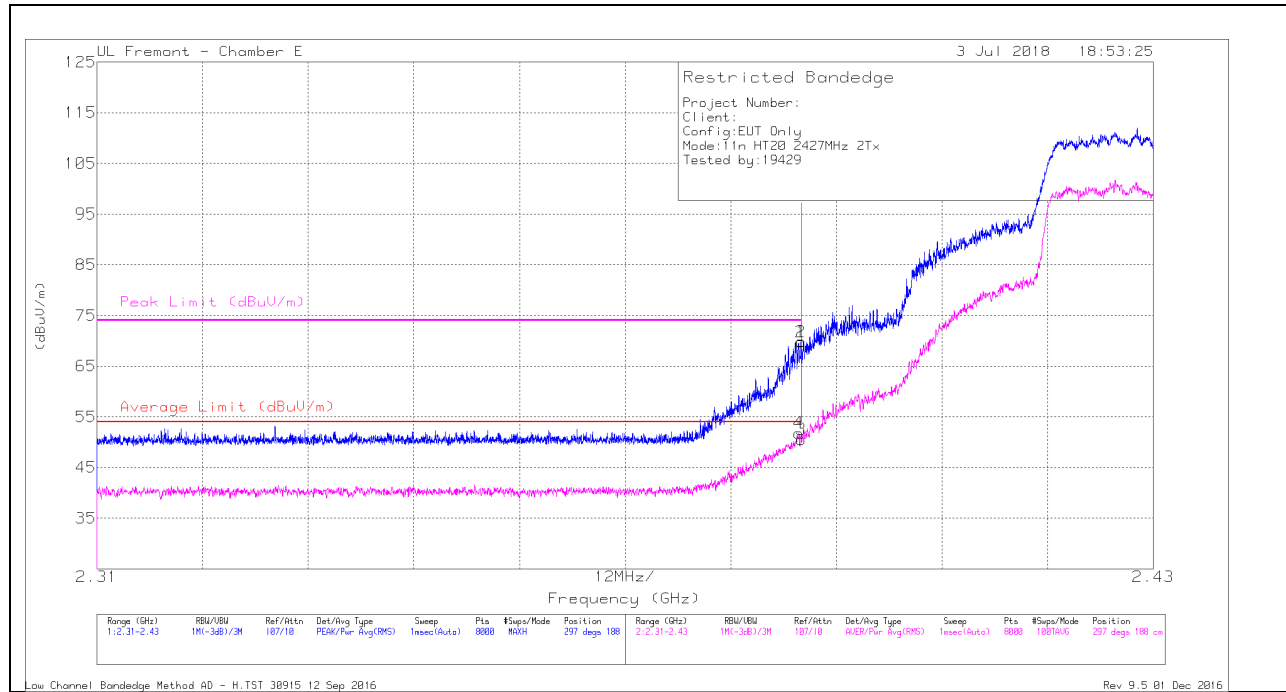
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (LOW CHANNEL, CH 4)**

## **HORIZONTAL RESULT**



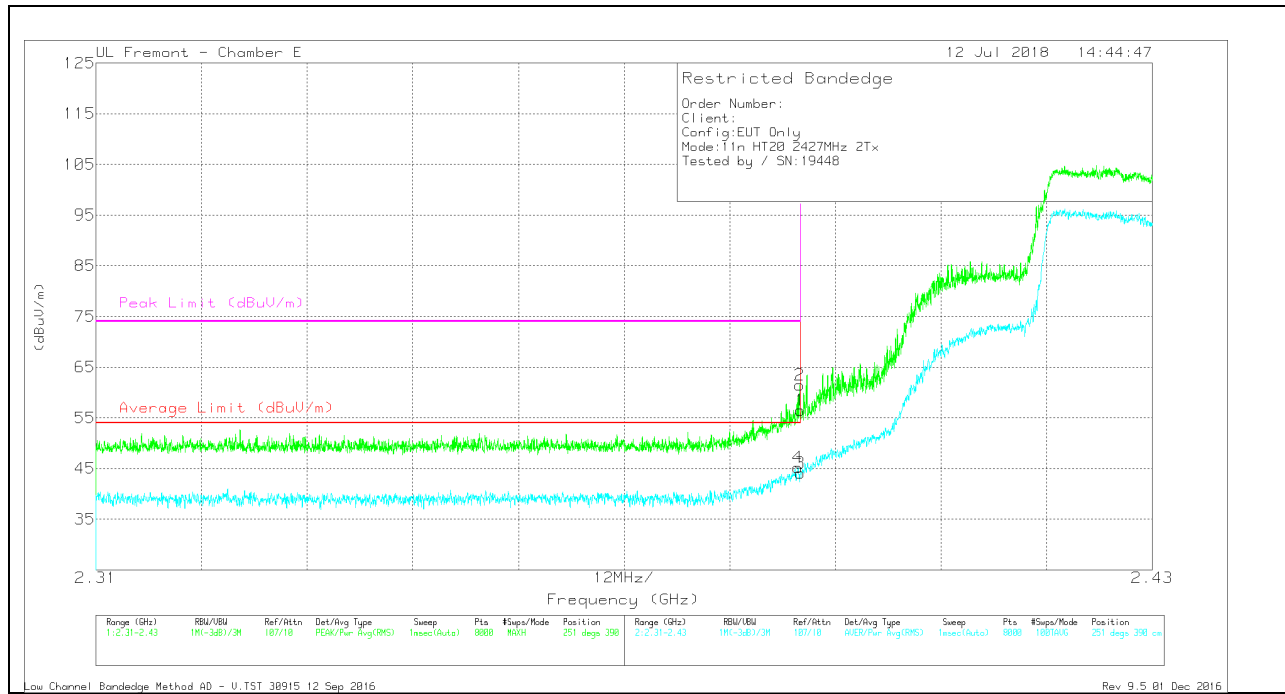
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 60.49                | Pk  | 32             | -22.6                   | 69.89                      | -                      | -           | 74                  | -4.11          | 297            | 188         | H        |
| 2      | * 2.39          | 60.42                | Pk  | 32             | -22.6                   | 69.82                      | -                      | -           | 74                  | -4.18          | 297            | 188         | H        |
| 3      | * 2.39          | 41.13                | RMS | 32             | -22.6                   | 50.53                      | 54                     | -3.47       | -                   | -              | 297            | 188         | H        |
| 4      | * 2.39          | 42.44                | RMS | 32             | -22.6                   | 51.84                      | 54                     | -2.16       | -                   | -              | 297            | 188         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | MeterReading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Ftr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 47.15               | Pk  | 32             | -22.6                 | 56.55                      | -                      | -           | 74                  | -17.45         | 251            | 390         | V        |
| 2      | * 2.39          | 52.08               | Pk  | 32             | -22.6                 | 61.48                      | -                      | -           | 74                  | -12.52         | 251            | 390         | V        |
| 3      | * 2.39          | 34.74               | RMS | 32             | -22.6                 | 44.14                      | 54                     | -9.86       | -                   | -              | 251            | 390         | V        |
| 4      | * 2.39          | 35.85               | RMS | 32             | -22.6                 | 45.25                      | 54                     | -8.75       | -                   | -              | 251            | 390         | V        |

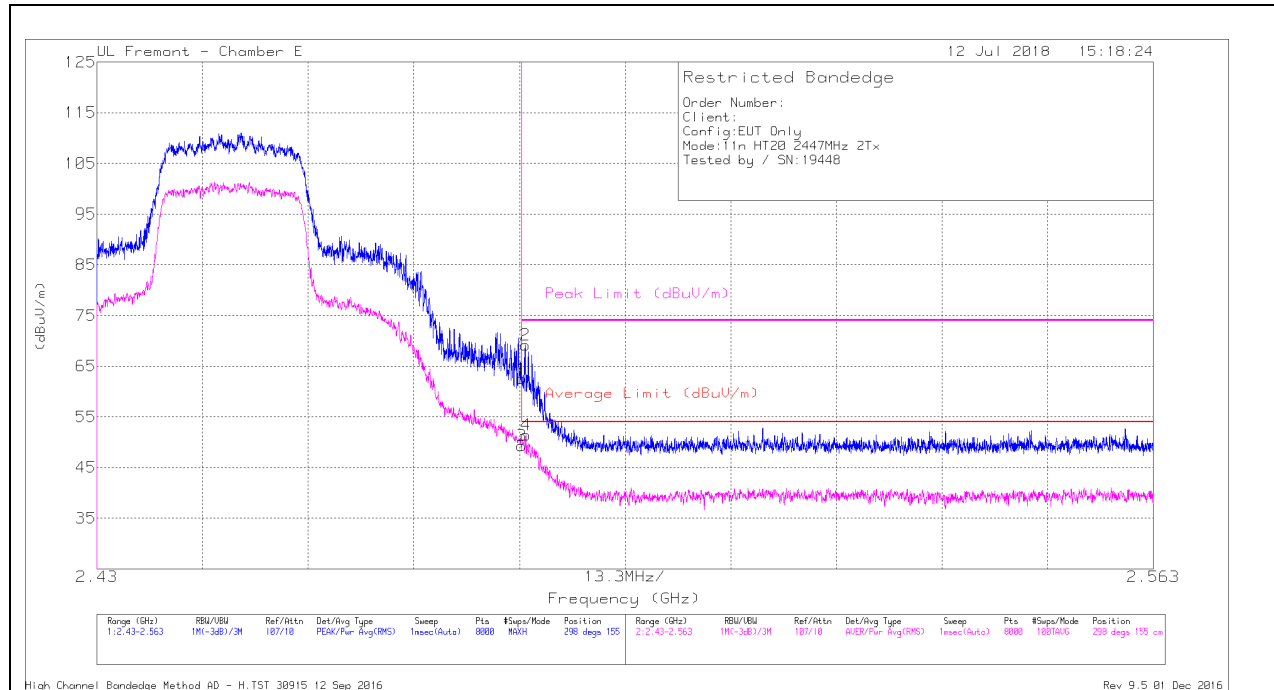
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 8)**

## **HORIZONTAL RESULT**



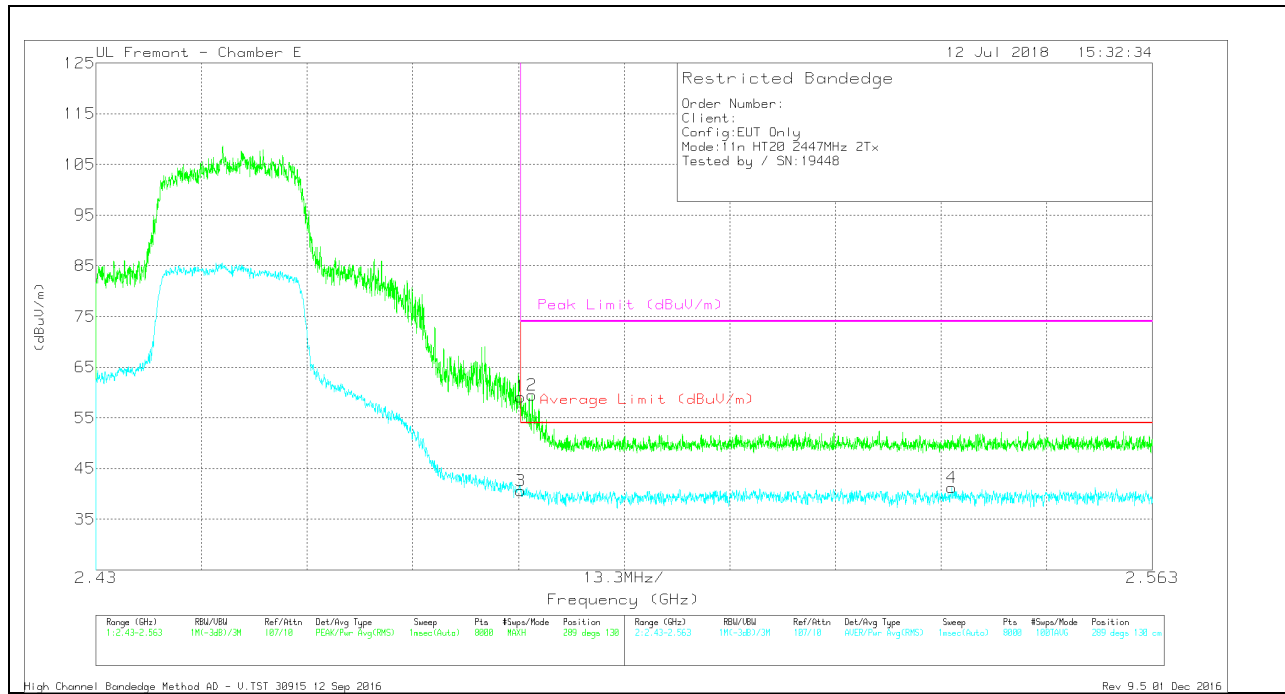
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.78                | Pk  | 32.1          | -22.3                  | 62.58                      | -                      | -           | 74                  | -11.42         | 298            | 155         | H        |
| 2      | * 2.484         | 59.39                | Pk  | 32.1          | -22.3                  | 69.19                      | -                      | -           | 74                  | -4.81          | 298            | 155         | H        |
| 3      | * 2.484         | 39.54                | RMS | 32.1          | -22.3                  | 49.34                      | 54                     | -4.66       | -                   | -              | 298            | 155         | H        |
| 4      | * 2.484         | 41.62                | RMS | 32.1          | -22.3                  | 51.42                      | 54                     | -2.58       | -                   | -              | 298            | 155         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cb/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      | * 2.484         | 49.37                | Pk  | 32.1           | -22.3                  | 59.17                      | -                      | -           | 74                  | -14.83         | 289            | 130         | V        |
| 2      | * 2.485         | 49.82                | Pk  | 32.1           | -22.4                  | 59.52                      | -                      | -           | 74                  | -14.48         | 289            | 130         | V        |
| 3      | * 2.484         | 30.77                | RMS | 32.1           | -22.3                  | 40.57                      | 54                     | -13.43      | -                   | -              | 289            | 130         | V        |
| 4      | 2.538           | 31.56                | RMS | 32.1           | -22.4                  | 41.26                      | 54                     | -12.74      | -                   | -              | 289            | 130         | V        |

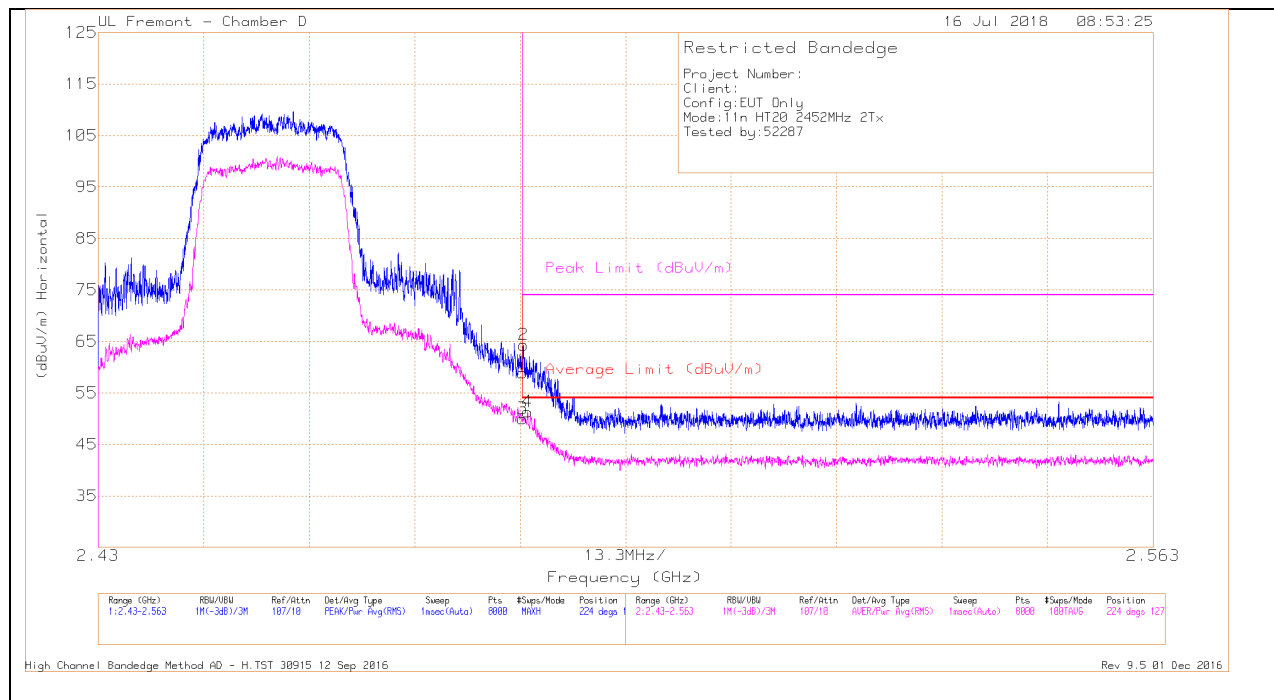
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 9)**

## **HORIZONTAL RESULT**



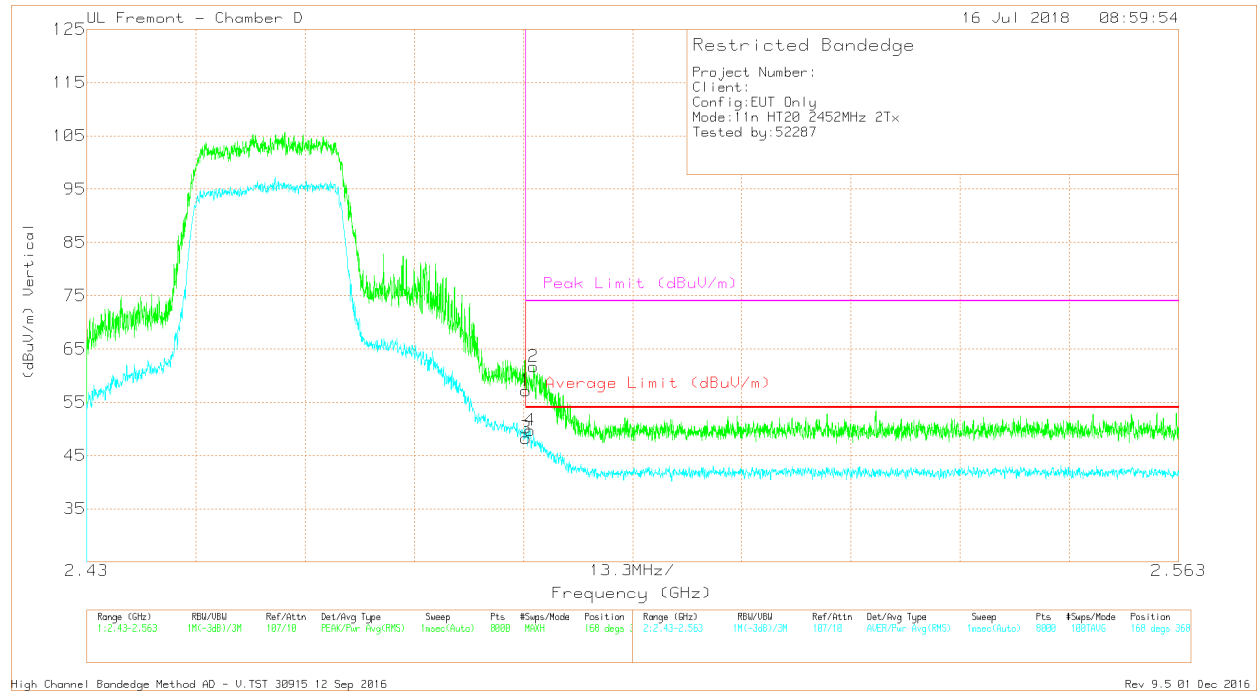
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/FiltriP ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 46.8                 | Pk  | 32.5           | -20.4                   | 58.9                       | -                      | -           | 74                  | -15.1          | 224            | 127         | H        |
| 2      | * 2.484         | 52.32                | Pk  | 32.5           | -20.5                   | 64.32                      | -                      | -           | 74                  | -9.68          | 224            | 127         | H        |
| 3      | * 2.484         | 37.9                 | RMS | 32.5           | -20.4                   | 50                         | 54                     | -4          | -                   | -              | 224            | 127         | H        |
| 4      | * 2.484         | 39.32                | RMS | 32.5           | -20.5                   | 51.32                      | 54                     | -2.68       | -                   | -              | 224            | 127         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Ampl/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      | * 2.484         | 45.07                | Pk  | 32.5           | -20.4                  | 57.17                      | -                      | -           | 74                  | -16.83         | 168            | 368         | V        |
| 2      | * 2.484         | 49.7                 | Pk  | 32.5           | -20.5                  | 61.7                       | -                      | -           | 74                  | -12.3          | 168            | 368         | V        |
| 3      | * 2.484         | 36.17                | RMS | 32.5           | -20.4                  | 48.27                      | 54                     | -5.73       | -                   | -              | 168            | 368         | V        |
| 4      | * 2.484         | 37.72                | RMS | 32.5           | -20.5                  | 49.72                      | 54                     | -4.28       | -                   | -              | 168            | 368         | V        |

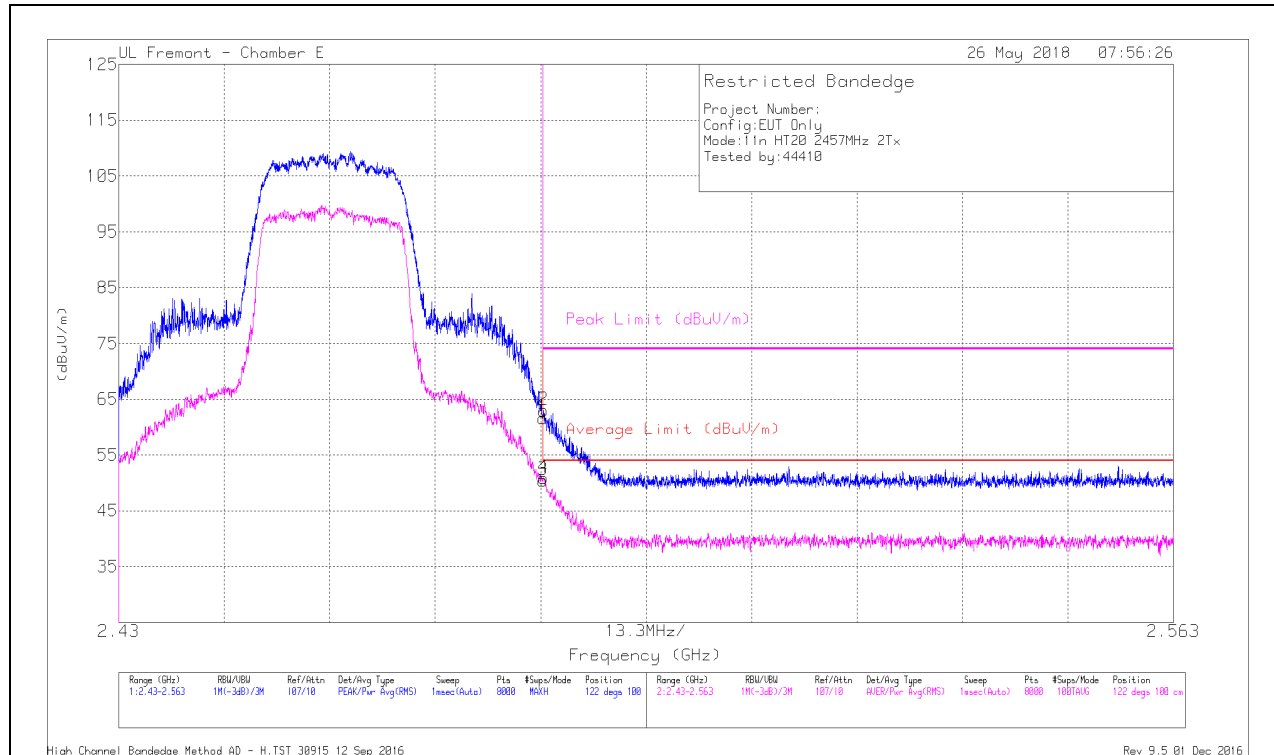
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 10)**

## **HORIZONTAL RESULT**



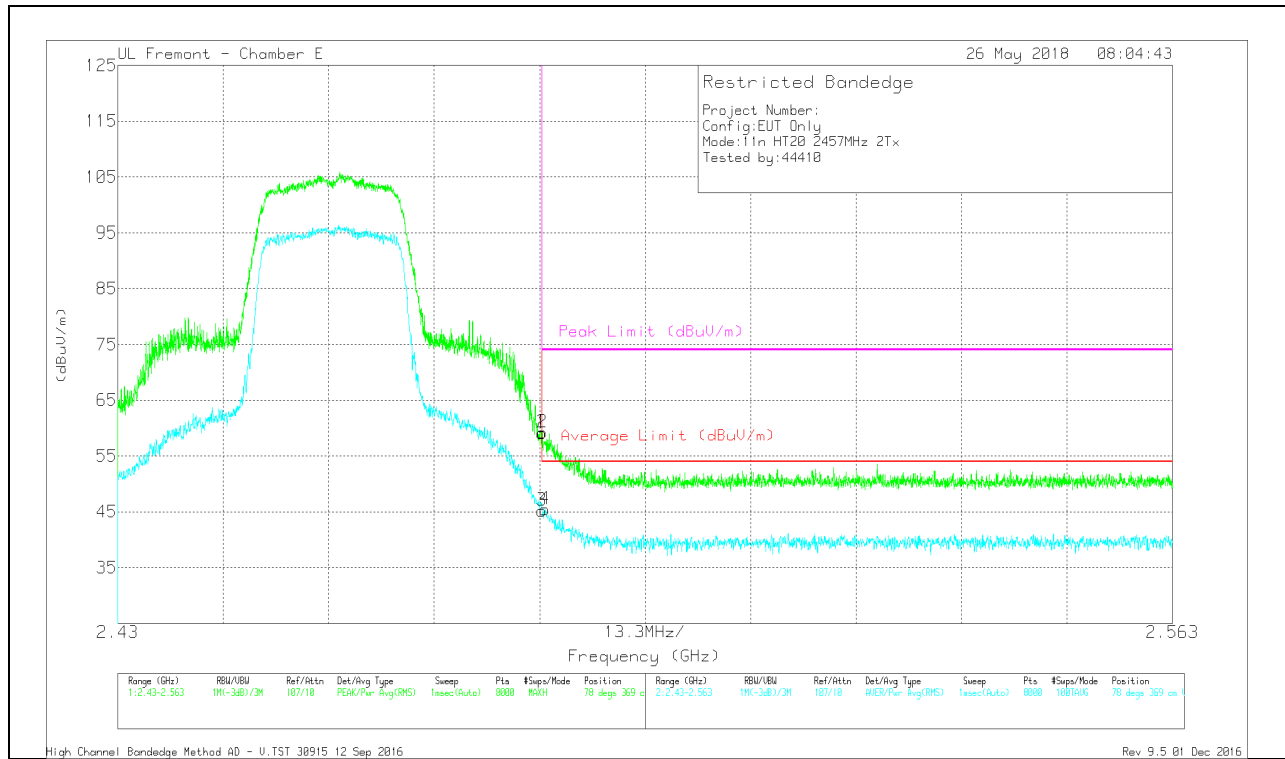
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.85                | Pk  | 32.1           | -22.3                    | 61.65                      | -                      | -           | 74                  | -12.35         | 122            | 100         | H        |
| 2      | * 2.484         | 53.22                | Pk  | 32.1           | -22.3                    | 63.02                      | -                      | -           | 74                  | -10.98         | 122            | 100         | H        |
| 3      | * 2.484         | 40.68                | RMS | 32.1           | -22.3                    | 50.48                      | 54                     | -3.52       | -                   | -              | 122            | 100         | H        |
| 4      | * 2.484         | 41.16                | RMS | 32.1           | -22.3                    | 50.96                      | 54                     | -3.04       | -                   | -              | 122            | 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 T346 (dB/m) | Ampl/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      | * 2.484         | 49.31                | Pk  | 32.1           | -22.3                   | 59.11                      | -                      | -           | 74                  | -14.89         | 78             | 369         | V        |
| 2      | * 2.484         | 49.4                 | Pk  | 32.1           | -22.3                   | 59.2                       | -                      | -           | 74                  | -14.8          | 78             | 369         | V        |
| 3      | * 2.484         | 35.43                | RMS | 32.1           | -22.3                   | 45.23                      | 54                     | -8.77       | -                   | -              | 78             | 369         | V        |
| 4      | * 2.484         | 35.62                | RMS | 32.1           | -22.3                   | 45.42                      | 54                     | -8.58       | -                   | -              | 78             | 369         | V        |

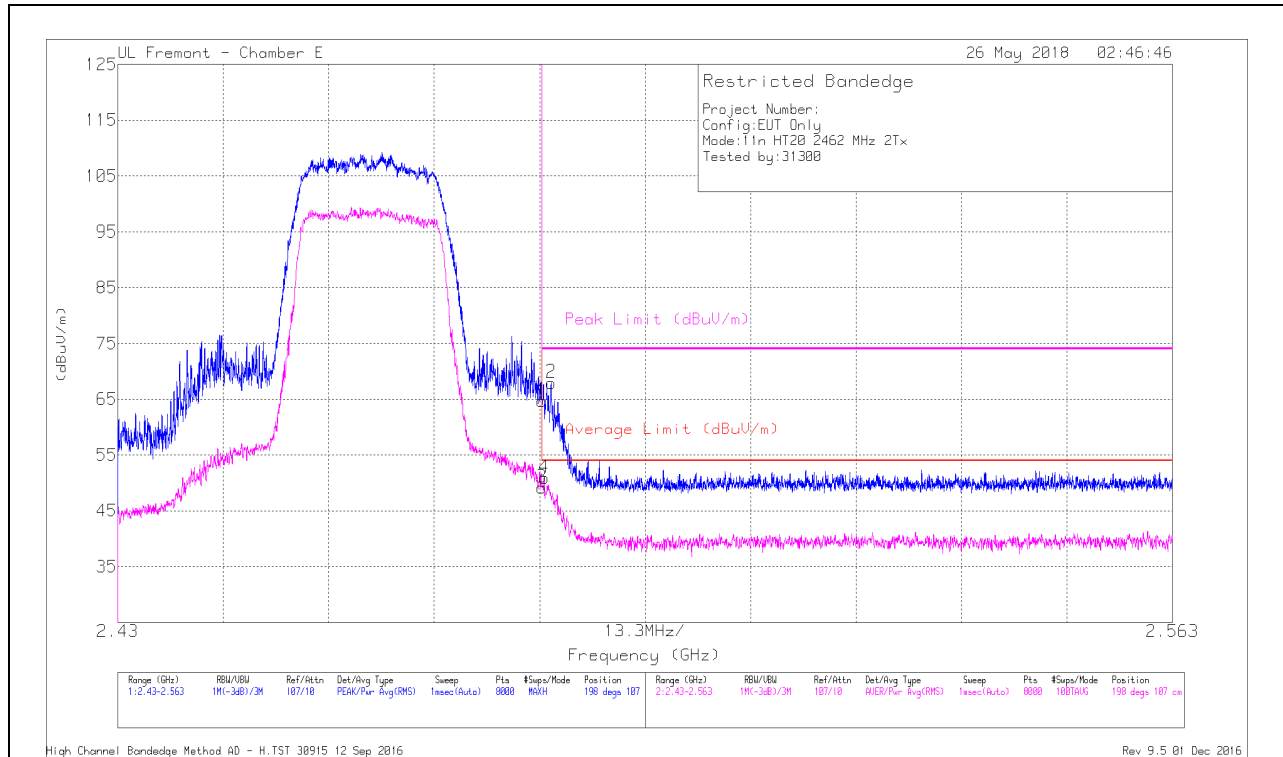
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 11)**

## **HORIZONTAL RESULT**



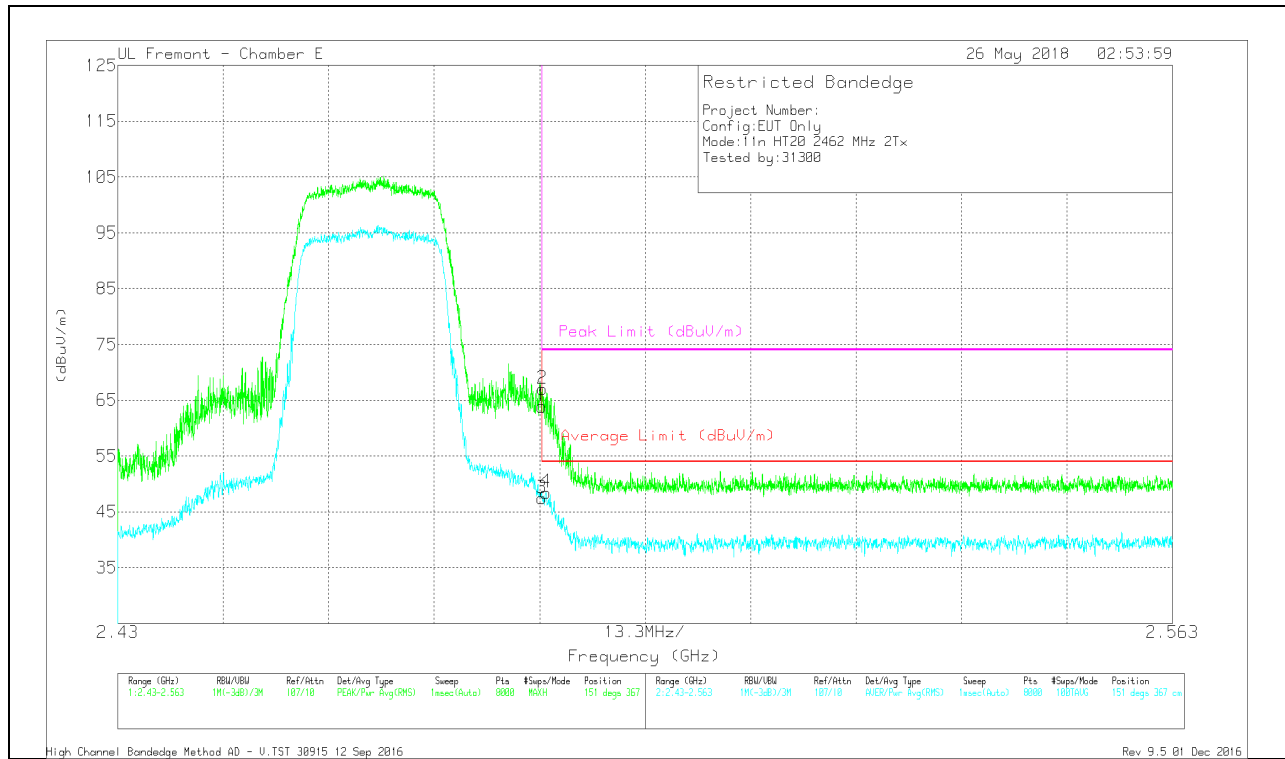
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.84                | Pk  | 32.1           | -22.3                   | 64.64                      | -                      | -           | 74                  | -9.36          | 198            | 107         | H        |
| 3      | * 2.484         | 39.32                | RMS | 32.1           | -22.3                   | 49.12                      | 54                     | -4.88       | -                   | -              | 198            | 107         | H        |
| 4      | * 2.484         | 41.15                | RMS | 32.1           | -22.3                   | 50.95                      | 54                     | -3.05       | -                   | -              | 198            | 107         | H        |
| 2      | * 2.485         | 58.28                | Pk  | 32.1           | -22.4                   | 67.98                      | -                      | -           | 74                  | -6.02          | 198            | 107         | 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 T346 (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      | * 2.484         | 54.09                | Pk  | 32.1           | -22.3                  | 63.89                      | -                      | -           | 74                  | -10.11         | 151            | 367         | V        |
| 2      | * 2.484         | 57.24                | Pk  | 32.1           | -22.3                  | 67.04                      | -                      | -           | 74                  | -6.96          | 151            | 367         | V        |
| 3      | * 2.484         | 37.65                | RMS | 32.1           | -22.3                  | 47.45                      | 54                     | -6.55       | -                   | -              | 151            | 367         | V        |
| 4      | * 2.484         | 38.69                | RMS | 32.1           | -22.3                  | 48.49                      | 54                     | -5.51       | -                   | -              | 151            | 367         | V        |

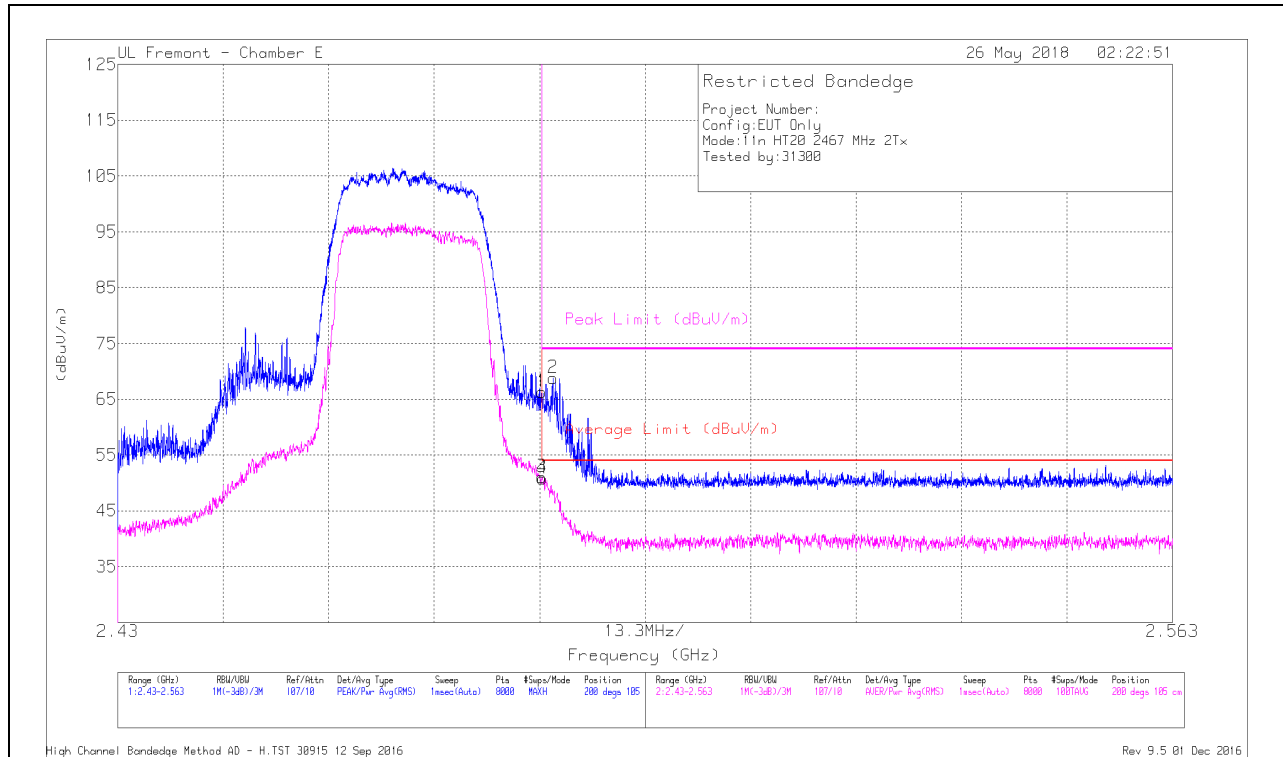
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 12)**

## **HORIZONTAL RESULT**



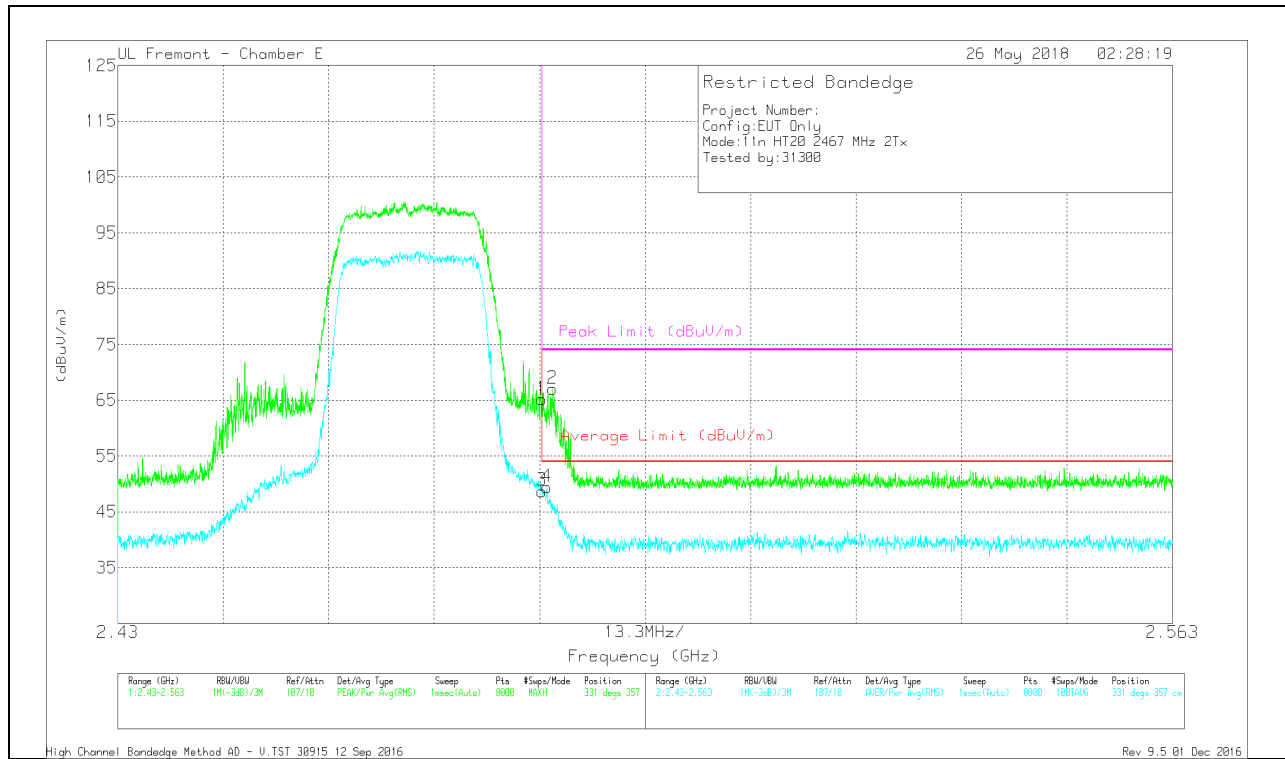
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.54                | Pk  | 32.1          | -22.3                   | 66.34                      | -                      | -           | 74                  | -7.66          | 200            | 105         | H        |
| 3      | * 2.484         | 41.23                | RMS | 32.1          | -22.3                   | 51.03                      | 54                     | -2.97       | -                   | -              | 200            | 105         | H        |
| 4      | * 2.484         | 41.01                | RMS | 32.1          | -22.3                   | 50.81                      | 54                     | -3.19       | -                   | -              | 200            | 105         | H        |
| 2      | * 2.485         | 59.1                 | Pk  | 32.1          | -22.4                   | 68.8                       | -                      | -           | 74                  | -5.2           | 200            | 105         | 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 T346 (dBm) | 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      | * 2.484         | 55.43                | Pk  | 32.1          | -22.3                  | 65.23                      | -                      | -           | 74                  | -8.77          | 331            | 357         | V        |
| 3      | * 2.484         | 38.94                | RMS | 32.1          | -22.3                  | 48.74                      | 54                     | -5.26       | -                   | -              | 331            | 357         | V        |
| 4      | * 2.484         | 39.58                | RMS | 32.1          | -22.3                  | 49.38                      | 54                     | -4.62       | -                   | -              | 331            | 357         | V        |
| 2      | * 2.485         | 57.32                | Pk  | 32.1          | -22.4                  | 67.02                      | -                      | -           | 74                  | -6.98          | 331            | 357         | V        |

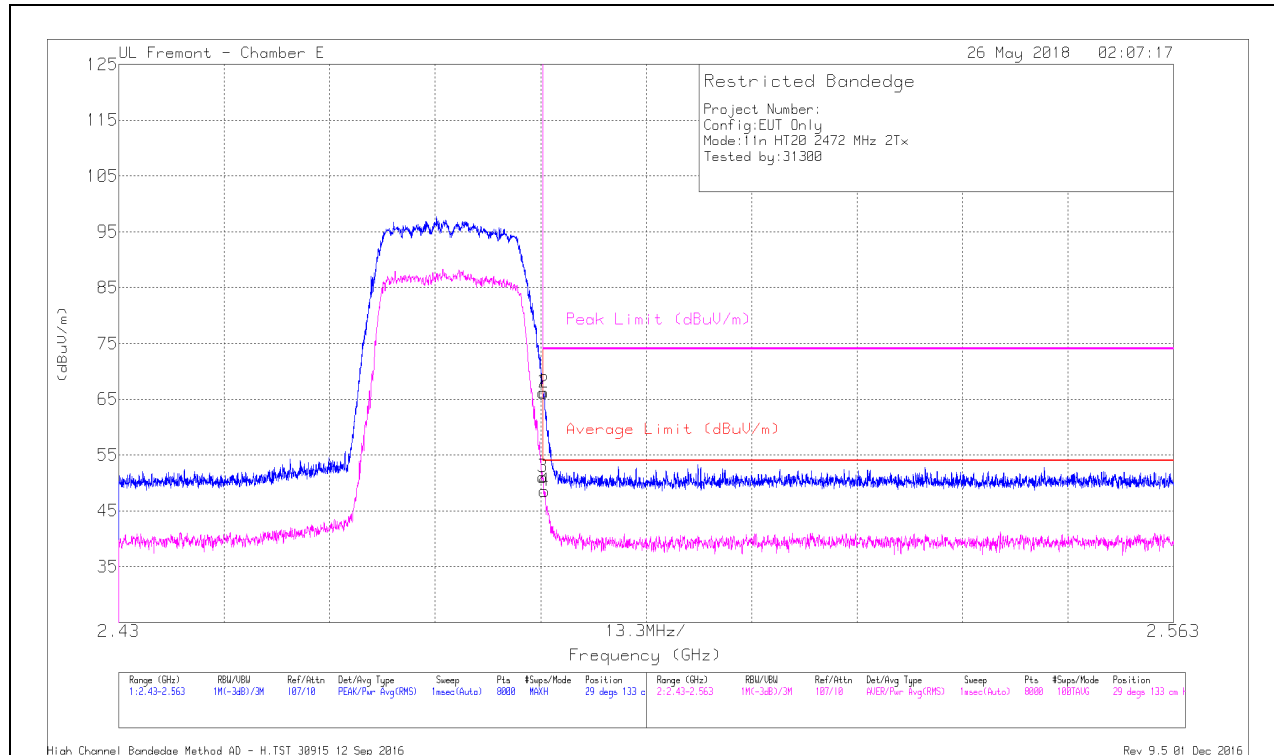
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

# **BANDEDGE (HIGH CHANNEL, CH 13)**

## **HORIZONTAL RESULT**



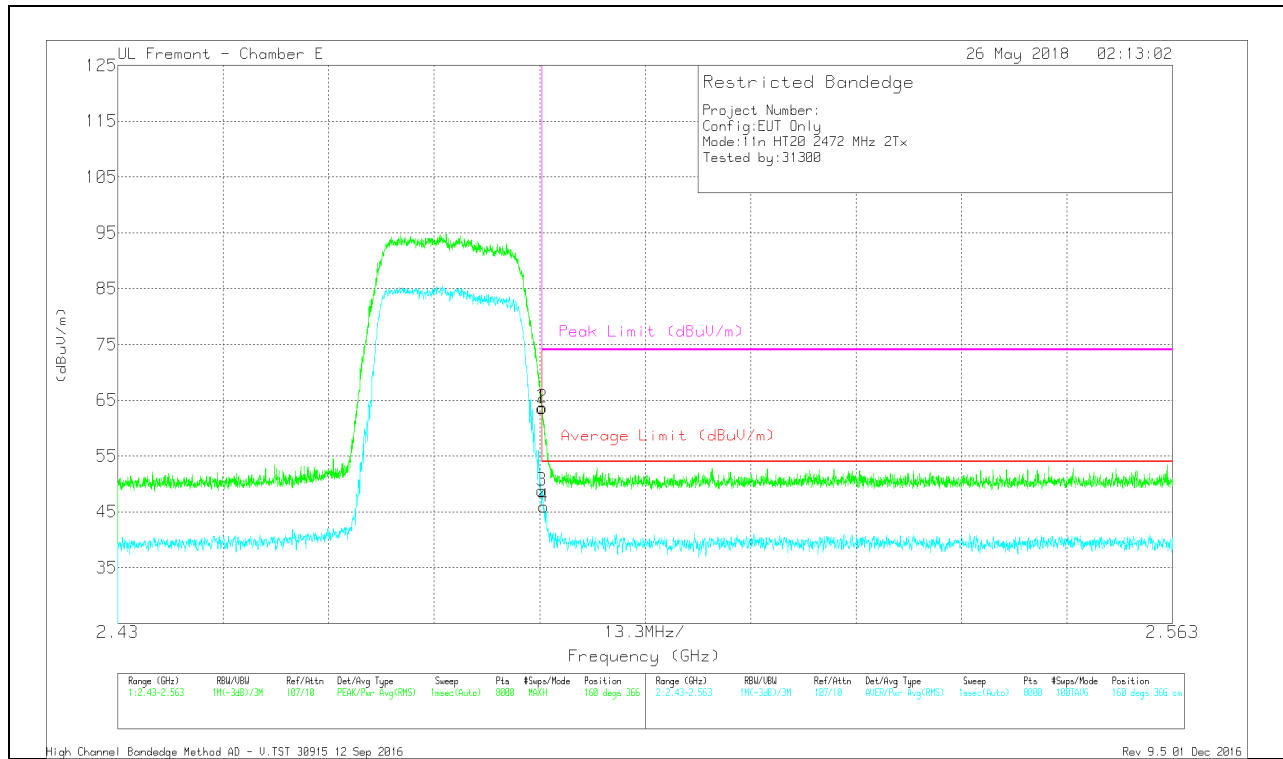
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.35                | Pk  | 32.1           | -22.3                   | 66.15                      | -                      | -           | 74                  | -7.85          | 29             | 133         | H        |
| 2      | * 2.484         | 56.39                | Pk  | 32.1           | -22.3                   | 66.19                      | -                      | -           | 74                  | -7.81          | 29             | 133         | H        |
| 3      | * 2.484         | 41.22                | RMS | 32.1           | -22.3                   | 51.02                      | 54                     | -2.98       | -                   | -              | 29             | 133         | H        |
| 4      | * 2.484         | 38.75                | RMS | 32.1           | -22.3                   | 48.55                      | 54                     | -5.45       | -                   | -              | 29             | 133         | 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 T346 (dBm) | 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      | * 2.484         | 53.79                | Pk  | 32.1          | -22.3                  | 63.59                      | -                      | -           | 74                  | -10.41         | 160            | 366         | V        |
| 2      | * 2.484         | 53.89                | Pk  | 32.1          | -22.3                  | 63.69                      | -                      | -           | 74                  | -10.31         | 160            | 366         | V        |
| 3      | * 2.484         | 38.95                | RMS | 32.1          | -22.3                  | 48.75                      | 54                     | -5.25       | -                   | -              | 160            | 366         | V        |
| 4      | * 2.484         | 36.18                | RMS | 32.1          | -22.3                  | 45.98                      | 54                     | -8.02       | -                   | -              | 160            | 366         | V        |

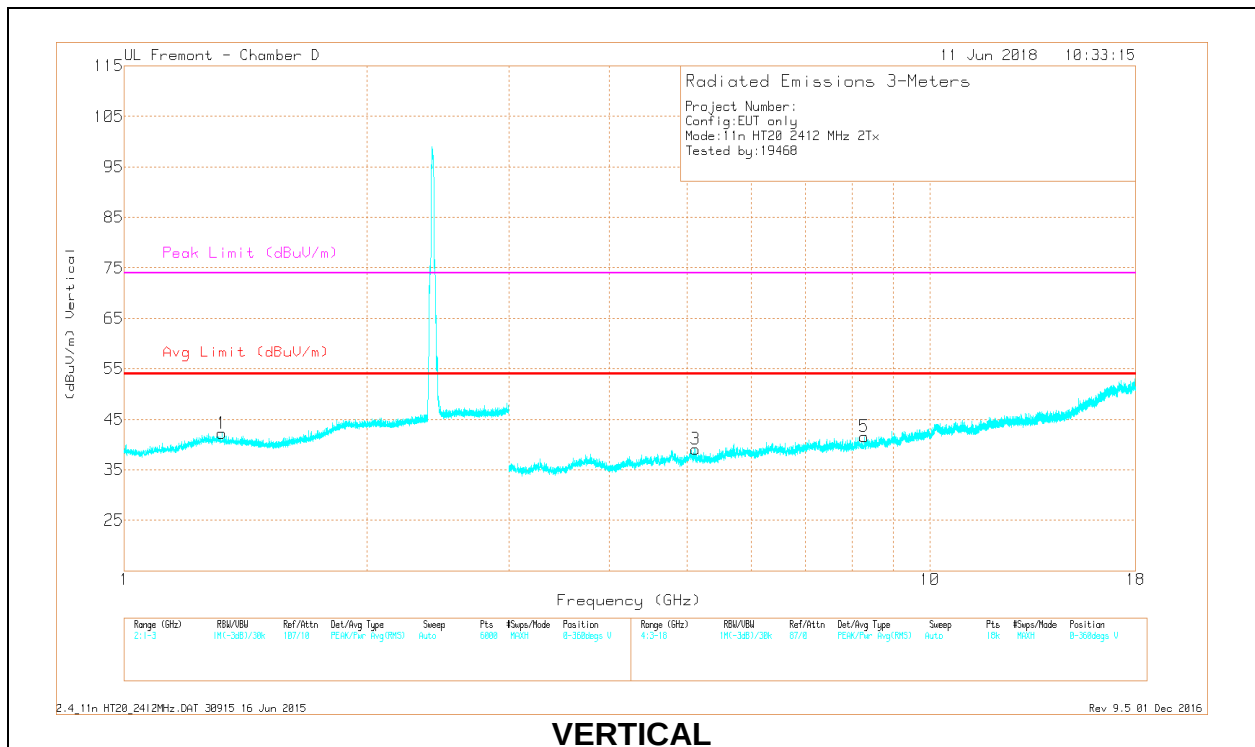
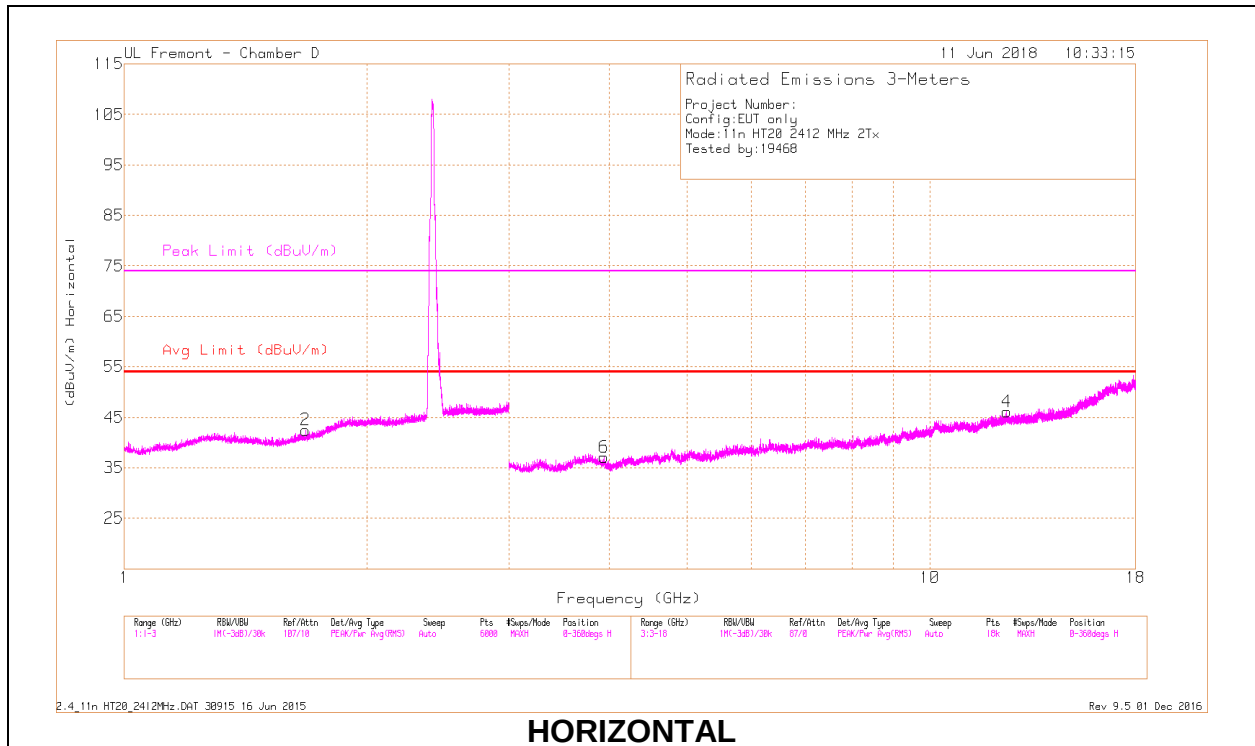
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

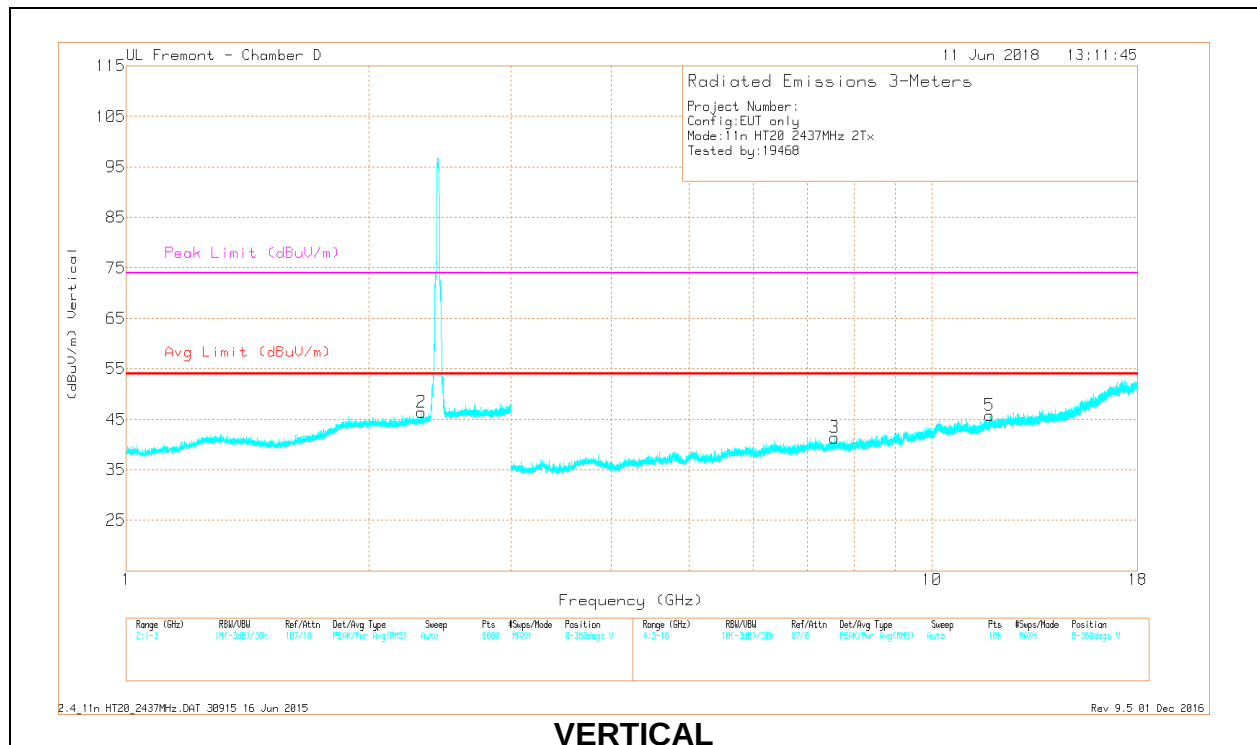
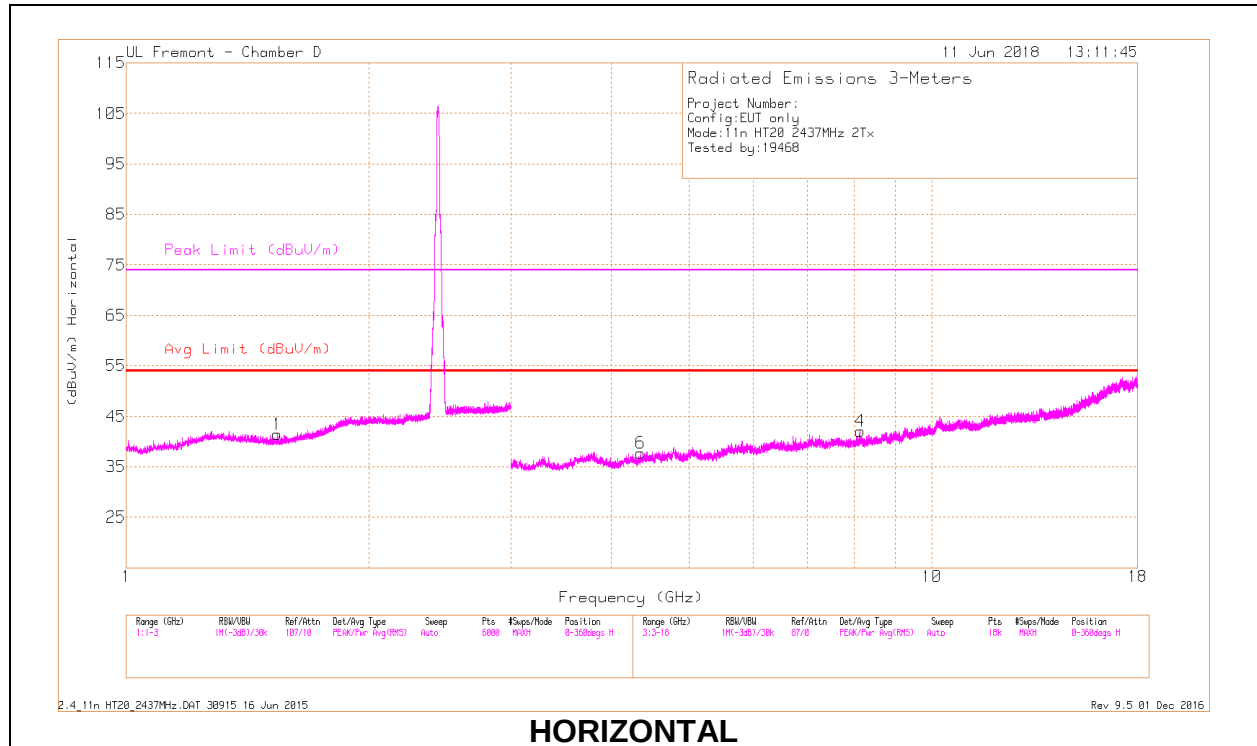
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 1.678         | 40.71                | PK2  | 28.9           | -21.4                | 48.21                      | -                  | -           | 74                  | -25.79         | 85             | 294         | H        |
|        | * 1.682         | 28.29                | MAv1 | 28.9           | -21.4                | 35.79                      | 54                 | -18.21      | -                   | -              | 85             | 294         | H        |
| 1      | * 1.329         | 41.46                | PK2  | 29             | -21.9                | 48.56                      | -                  | -           | 74                  | -25.44         | 4              | 354         | V        |
|        | * 1.312         | 28.54                | MAv1 | 29.2           | -22                  | 35.74                      | 54                 | -18.26      | -                   | -              | 4              | 354         | V        |
| 4      | * 12.449        | 32.97                | PK2  | 39             | -19.8                | 52.17                      | -                  | -           | 74                  | -21.83         | 95             | 199         | H        |
|        | * 12.455        | 20.66                | MAv1 | 39             | -19.9                | 39.76                      | 54                 | -14.24      | -                   | -              | 95             | 199         | H        |
| 6      | * 3.94          | 36.44                | PK2  | 33.6           | -27.8                | 42.24                      | -                  | -           | 74                  | -31.76         | 4              | 139         | H        |
|        | * 3.95          | 24.56                | MAv1 | 33.5           | -27.9                | 30.16                      | 54                 | -23.84      | -                   | -              | 4              | 139         | H        |
| 3      | * 5.106         | 36.13                | PK2  | 34.6           | -26.9                | 43.83                      | -                  | -           | 74                  | -30.17         | 107            | 385         | V        |
|        | * 5.117         | 24.3                 | MAv1 | 34.6           | -27.1                | 31.8                       | 54                 | -22.2       | -                   | -              | 107            | 385         | V        |
| 5      | * 8.29          | 34.84                | PK2  | 35.9           | -23.5                | 47.24                      | -                  | -           | 74                  | -26.76         | 133            | 132         | V        |
|        | * 8.29          | 22.46                | MAv1 | 35.9           | -23.5                | 34.86                      | 54                 | -19.14      | -                   | -              | 133            | 132         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL, CH 6 RESULTS



## RADIATED EMISSIONS

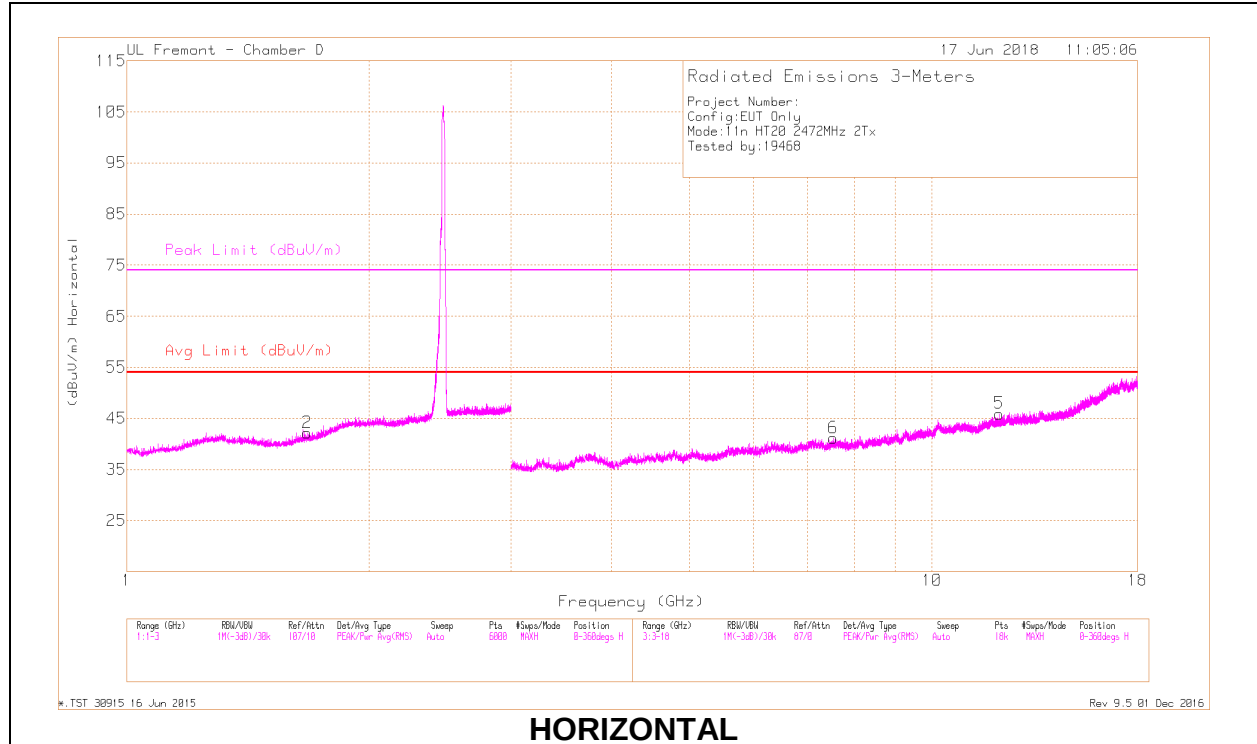
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.542         | 40.53                | PK2  | 28             | -21.6                 | 46.93                      | -                  | -           | 74                  | -27.07         | 235            | 364         | H        |
|        | * 1.537         | 28.38                | MAv1 | 28             | -21.7                 | 34.68                      | 54                 | -19.32      | -                   | -              | 235            | 364         | H        |
| 2      | * 2.325         | 40.5                 | PK2  | 31.5           | -20.6                 | 51.4                       | -                  | -           | 74                  | -22.6          | 154            | 355         | V        |
|        | * 2.328         | 28.38                | MAv1 | 31.5           | -20.6                 | 39.28                      | 54                 | -14.72      | -                   | -              | 154            | 355         | V        |
| 4      | * 8.155         | 34.25                | PK2  | 35.8           | -22.7                 | 47.35                      | -                  | -           | 74                  | -26.65         | 270            | 135         | H        |
|        | * 8.141         | 21.94                | MAv1 | 35.8           | -22.5                 | 35.24                      | 54                 | -18.76      | -                   | -              | 270            | 135         | H        |
|        | * 4.34          | 37.64                | PK2  | 34             | -28.2                 | 43.44                      | -                  | -           | 74                  | -30.56         | 360            | 294         | H        |
|        | * 4.341         | 24.89                | MAv1 | 34             | -28.1                 | 30.79                      | 54                 | -23.21      | -                   | -              | 360            | 294         | H        |
| 3      | * 7.57          | 35.15                | PK2  | 36.3           | -24.3                 | 47.15                      | -                  | -           | 74                  | -26.85         | 126            | 277         | V        |
|        | * 7.563         | 22.57                | MAv1 | 36.3           | -24.3                 | 34.57                      | 54                 | -19.43      | -                   | -              | 126            | 277         | V        |
| 5      | * 11.789        | 32.35                | PK2  | 38.6           | -20.2                 | 50.75                      | -                  | -           | 74                  | -23.25         | 255            | 201         | V        |
|        | * 11.793        | 20.48                | MAv1 | 38.6           | -20.2                 | 38.88                      | 54                 | -15.12      | -                   | -              | 255            | 201         | V        |

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

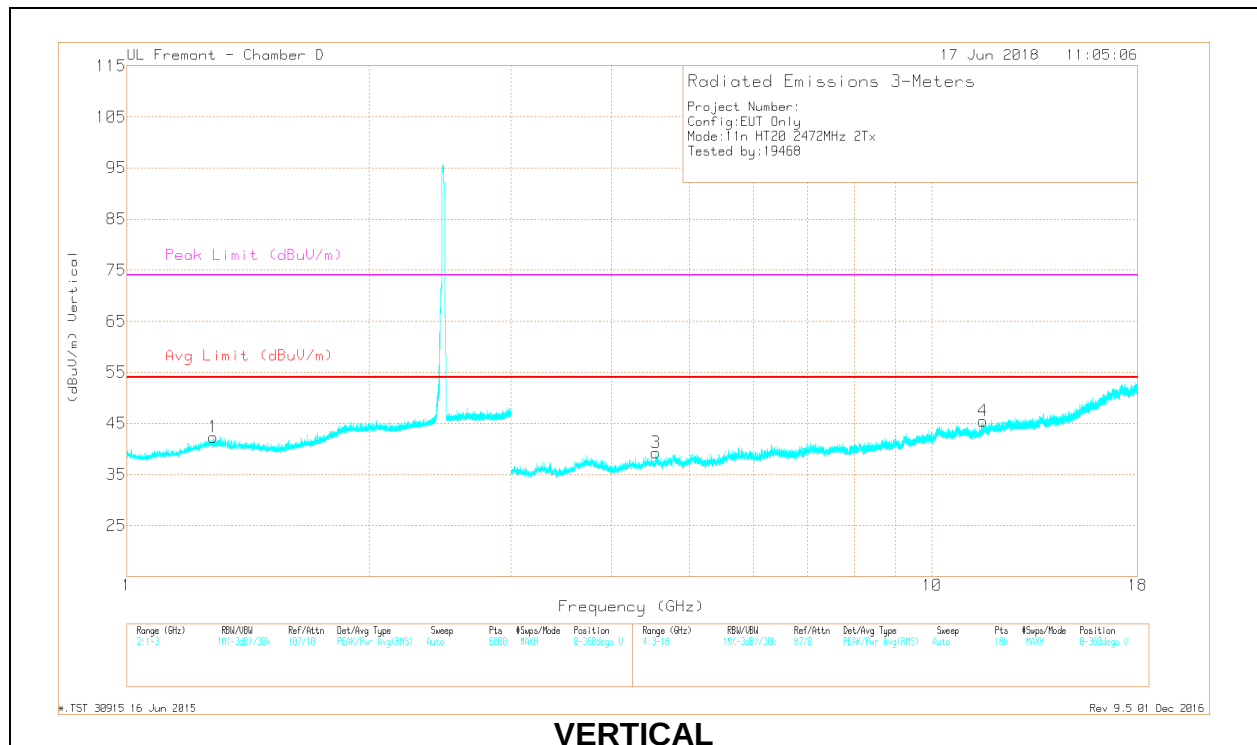
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

## RADIATED EMISSIONS

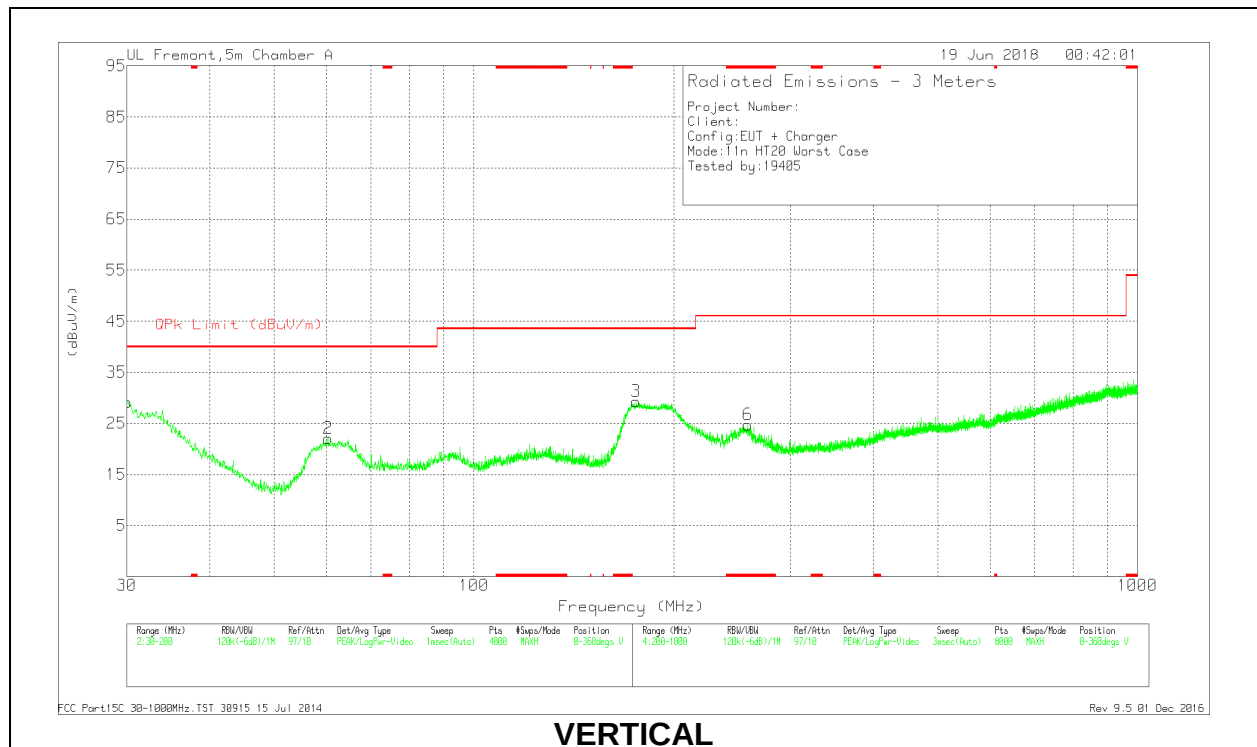
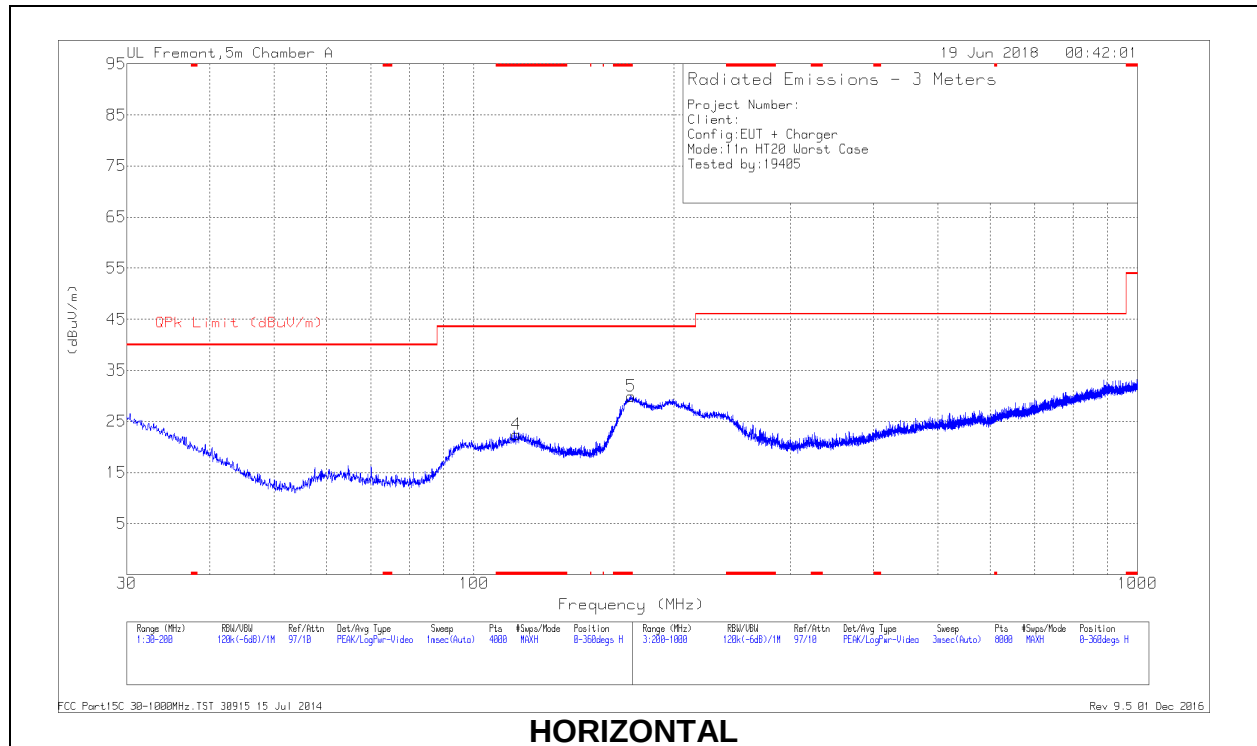
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det   | AF T136 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 1.682         | 40.93                | PKF H | 28.9           | -21.4                 | 48.43                      | -                  | -           | 74                  | -25.57         | 258            | 312         | H        |
|        | * 1.682         | 28.42                | VA1T  | 28.9           | -21.4                 | 35.92                      | 54                 | -18.08      | -                   | -              | 258            | 312         | H        |
| 1      | * 1.282         | 41.13                | PKF H | 29.2           | -22.1                 | 48.23                      | -                  | -           | 74                  | -25.77         | 296            | 329         | V        |
|        | * 1.272         | 28.65                | VA1T  | 29.2           | -22.1                 | 35.75                      | 54                 | -18.25      | -                   | -              | 296            | 329         | V        |
| 5      | * 12.105        | 33.83                | PKF H | 38.9           | -20.2                 | 52.53                      | -                  | -           | 74                  | -21.47         | 55             | 324         | H        |
|        | * 12.112        | 20.57                | VA1T  | 38.9           | -20.3                 | 39.17                      | 54                 | -14.83      | -                   | -              | 55             | 324         | H        |
| 6      | * 7.532         | 34.87                | PKF H | 36.3           | -24.5                 | 46.67                      | -                  | -           | 74                  | -27.33         | 122            | 400         | H        |
|        | * 7.529         | 22.66                | VA1T  | 36.3           | -24.5                 | 34.46                      | 54                 | -19.54      | -                   | -              | 122            | 400         | H        |
| 3      | * 4.535         | 37.39                | PKF H | 34.5           | -27.6                 | 44.29                      | -                  | -           | 74                  | -29.71         | 132            | 129         | V        |
|        | * 4.549         | 24.97                | VA1T  | 34.6           | -27.6                 | 31.97                      | 54                 | -22.03      | -                   | -              | 132            | 129         | V        |
| 4      | * 11.569        | 33.25                | PKF H | 38.2           | -19.9                 | 51.55                      | -                  | -           | 74                  | -22.45         | 44             | 387         | V        |
|        | * 11.563        | 20.23                | VA1T  | 38.2           | -19.9                 | 38.53                      | 54                 | -15.47      | -                   | -              | 44             | 387         | V        |

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

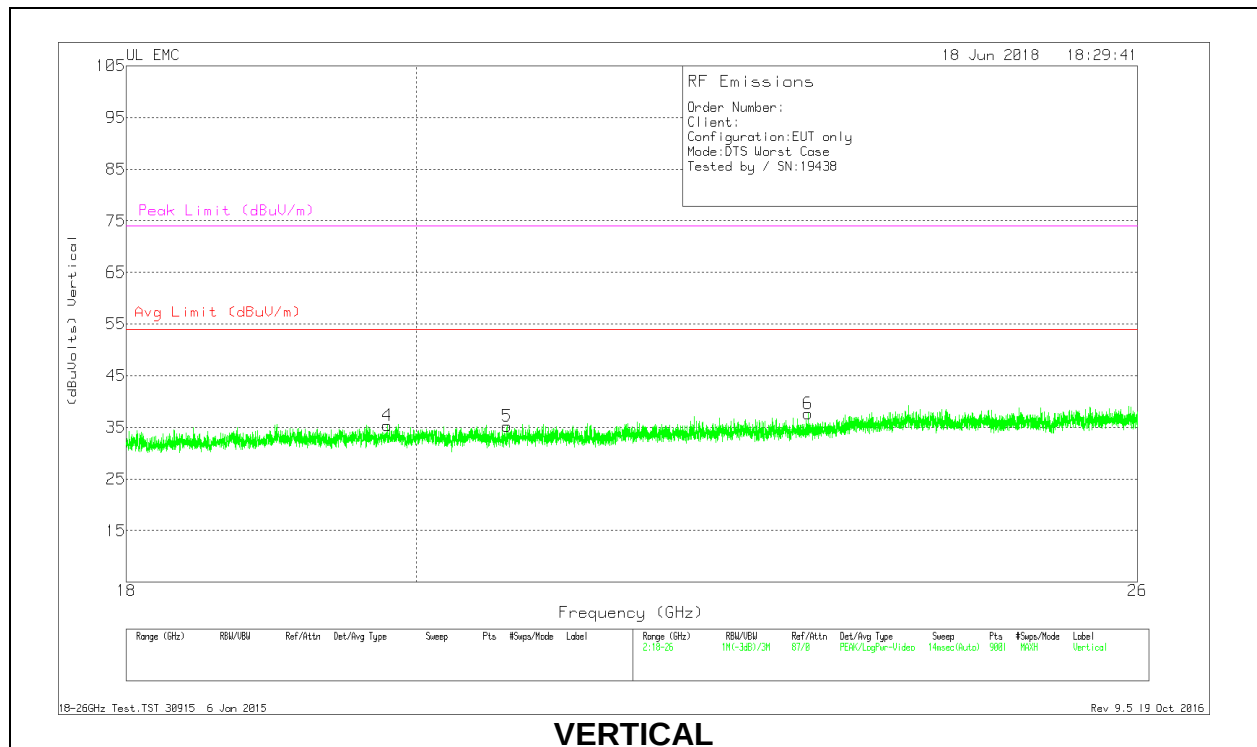
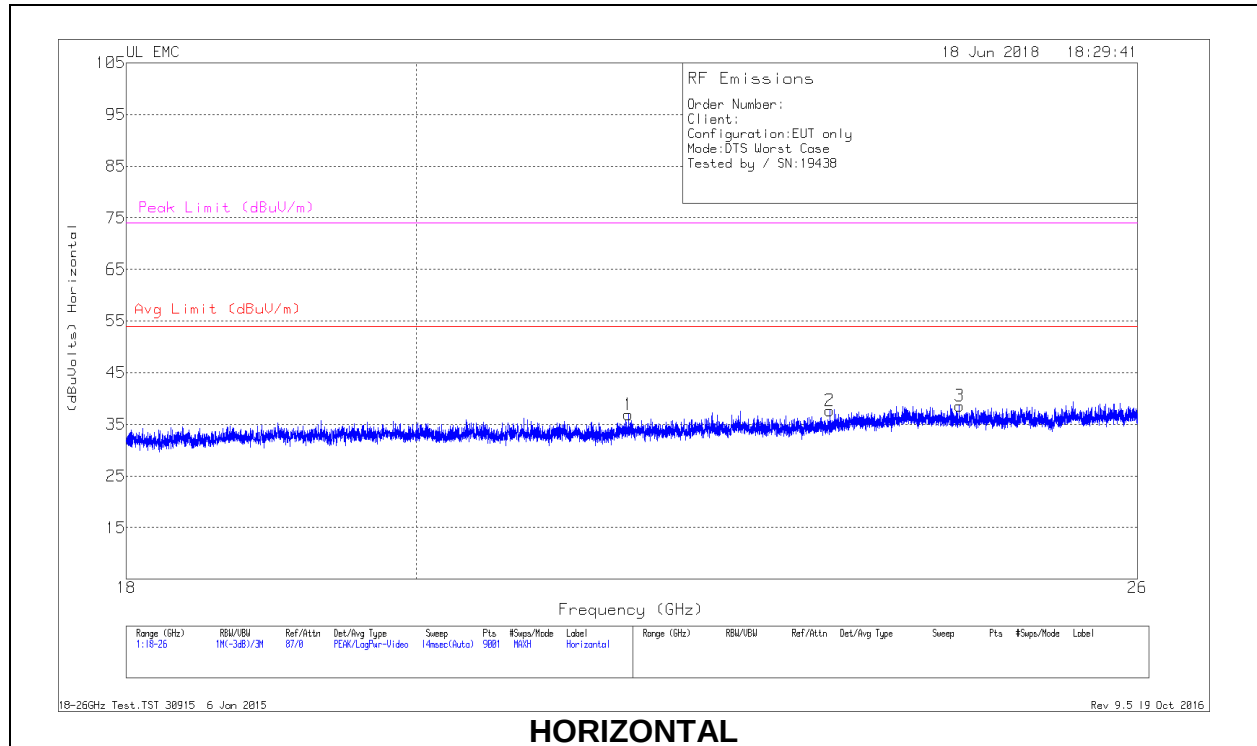
## 9.2. Worst Case Below 1 GHz



**Below 1GHz DATA**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF T130 (dB/m) | Ampl/Cbl (dB/m) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 4      | * 115.8297      | 31.12                | Pk  | 17.5           | -26.2           | 22.42                      | 43.52              | -21.1       | 0-360          | 300         | H        |
| 5      | * 172.4544      | 39.79                | Pk  | 15.7           | -25.6           | 29.89                      | 43.52              | -13.63      | 0-360          | 200         | H        |
| 6      | * 258.6076      | 33.76                | Pk  | 15.8           | -24.8           | 24.76                      | 46.02              | -21.26      | 0-360          | 101         | V        |
| 1      | 30.085          | 31.42                | Pk  | 25.1           | -27.3           | 29.22                      | 40                 | -10.78      | 0-360          | 100         | V        |
| 2      | 60.2678         | 37.29                | Pk  | 11.6           | -26.9           | 21.99                      | 40                 | -18.01      | 0-360          | 100         | V        |
| 3      | 175.6002        | 39.47                | Pk  | 15.4           | -25.6           | 29.27                      | 43.52              | -14.25      | 0-360          | 100         | V        |

### 9.3. Worst Case 18-26 GHz



**18 – 26GHz DATA**

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T89 AF<br>(dB/m) | Amp/Cbl (dB) | Dist Corr<br>(dB) | Corrected<br>Reading<br>(dBuVolts<br>) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) |
|--------|------------------------|----------------------------|-----|------------------|--------------|-------------------|----------------------------------------|-----------------------|----------------|------------------------|----------------------|
| 1      | 21.606                 | 38.47                      | Pk  | 33.2             | -25.3        | -9.5              | 36.87                                  | 54                    | -17.13         | 74                     | -37.13               |
| 2      | 23.245                 | 38.54                      | Pk  | 33.6             | -25          | -9.5              | 37.64                                  | 54                    | -16.36         | 74                     | -36.36               |
| 3      | 24.369                 | 38.76                      | Pk  | 33.9             | -24.6        | -9.5              | 38.56                                  | 54                    | -15.44         | 74                     | -35.44               |
| 4      | 19.793                 | 36.99                      | Pk  | 32.7             | -24.8        | -9.5              | 35.39                                  | 54                    | -18.61         | 74                     | -38.61               |
| 5      | 20.672                 | 36.81                      | Pk  | 33               | -25.1        | -9.5              | 35.21                                  | 54                    | -18.79         | 74                     | -38.79               |
| 6      | 23.062                 | 38.73                      | Pk  | 33.6             | -25.2        | -9.5              | 37.63                                  | 54                    | -16.37         | 74                     | -36.37               |

## 10. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

\* Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

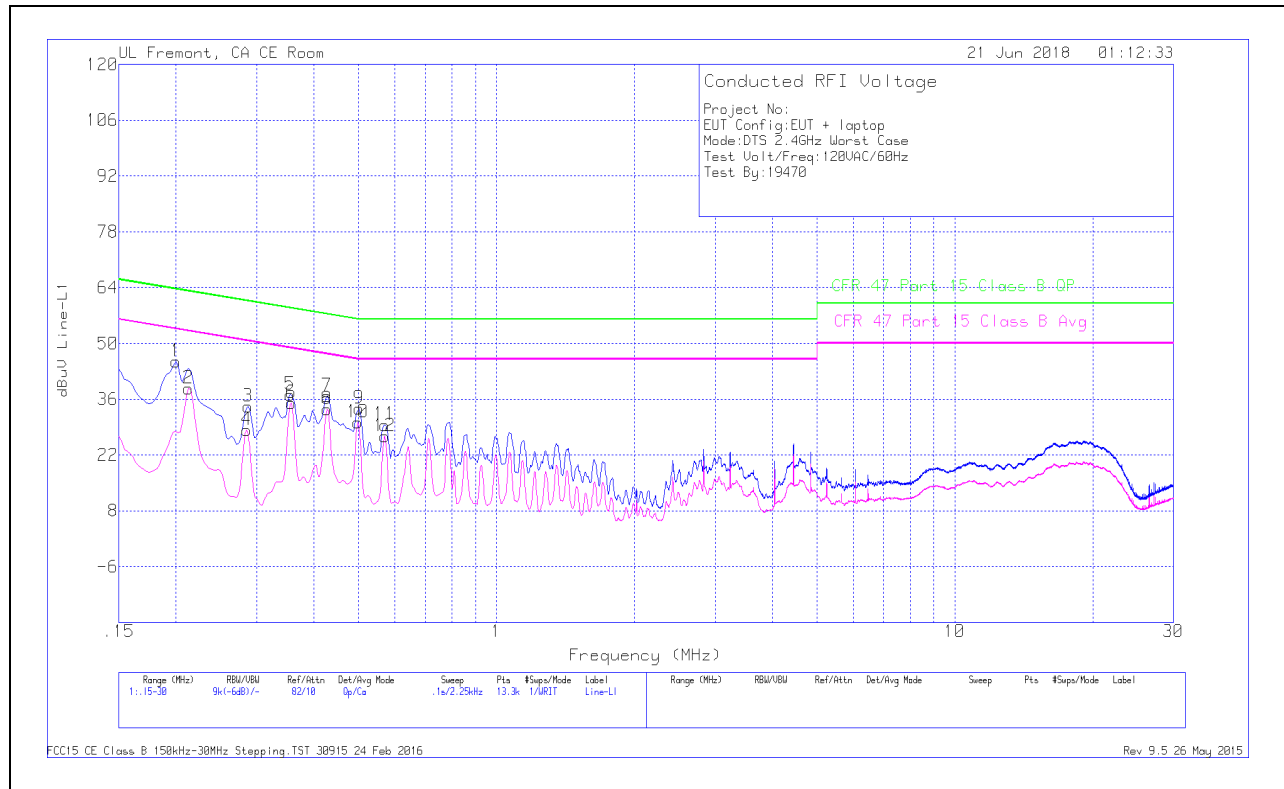
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

## 10.1.1. AC Power Line Host

### LINE 1 RESULTS

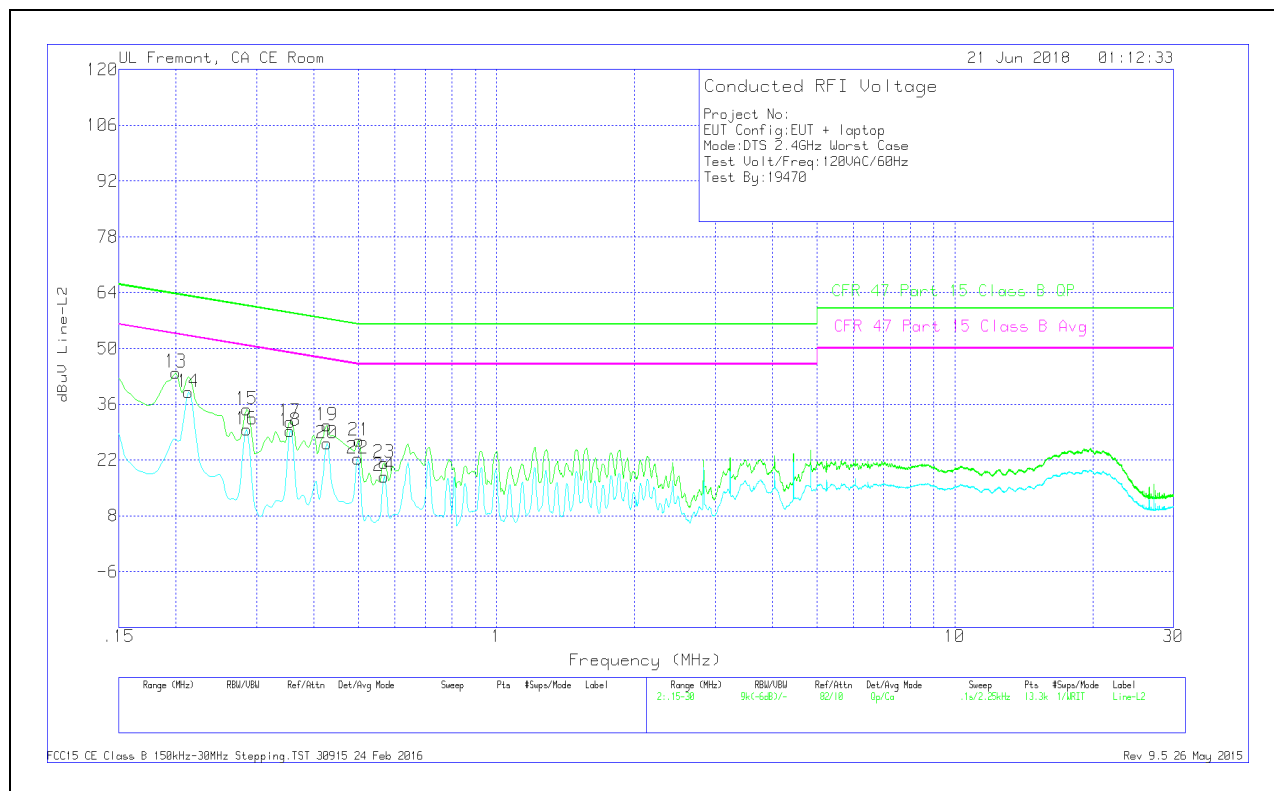


| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
| 1                            | .1995           | 34.84                | Qp  | .6      | 0               | 10.1         | 45.54                  | 63.63                     | -18.09         | -                          | -                    |
| 2                            | .213            | 28.1                 | Ca  | .5      | 0               | 10.1         | 38.7                   | -                         | -              | 53.09                      | -14.39               |
| 3                            | .28725          | 23.73                | Qp  | .4      | 0               | 10.1         | 34.23                  | 60.6                      | -26.37         | -                          | -                    |
| 4                            | .285            | 17.83                | Ca  | .4      | 0               | 10.1         | 28.33                  | -                         | -              | 50.67                      | -22.34               |
| 5                            | .35475          | 26.67                | Qp  | .3      | 0               | 10.1         | 37.07                  | 58.85                     | -21.78         | -                          | -                    |
| 6                            | .357            | 24.63                | Ca  | .3      | 0               | 10.1         | 35.03                  | -                         | -              | 48.8                       | -13.77               |
| 7                            | .42675          | 26.43                | Qp  | .2      | 0               | 10.1         | 36.73                  | 57.32                     | -20.59         | -                          | -                    |
| 8                            | .42675          | 23.18                | Ca  | .2      | 0               | 10.1         | 33.48                  | -                         | -              | 47.32                      | -13.84               |
| 9                            | .501            | 23.39                | Qp  | .1      | 0               | 10.1         | 33.59                  | 56                        | -22.41         | -                          | -                    |
| 10                           | .49875          | 19.95                | Ca  | .1      | 0               | 10.1         | 30.15                  | -                         | -              | 46.02                      | -15.87               |
| 11                           | .57075          | 19.37                | Qp  | .1      | 0               | 10.1         | 29.57                  | 56                        | -26.43         | -                          | -                    |
| 12                           | .57075          | 16.57                | Ca  | .1      | 0               | 10.1         | 26.77                  | -                         | -              | 46                         | -19.23               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



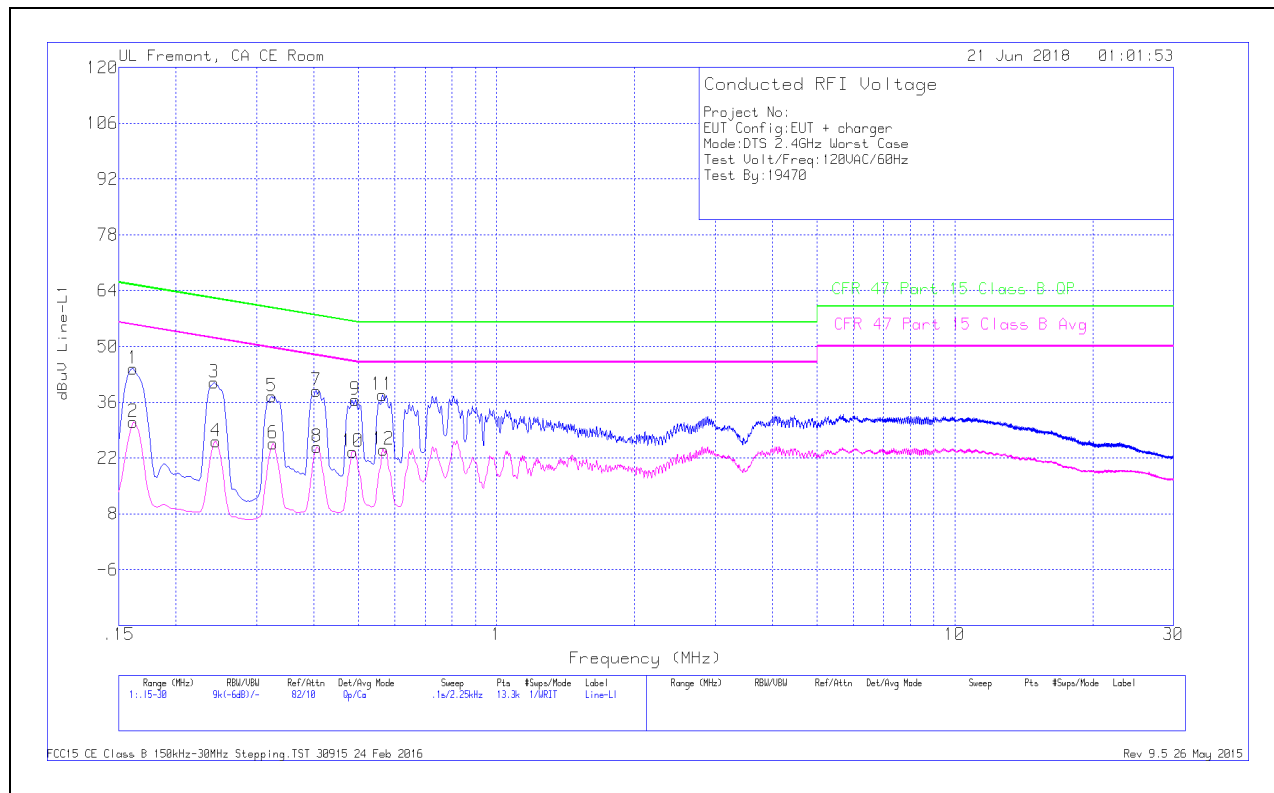
| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
| 13                           | .1995           | 33.8                 | Qp  | .1      | 0               | 10.1         | 44                     | 63.63                     | -19.63         | -                          | -                    |
| 14                           | .213            | 28.81                | Ca  | .1      | 0               | 10.1         | 39.01                  | -                         | -              | 53.09                      | -14.08               |
| 15                           | .285            | 24.54                | Qp  | .1      | 0               | 10.1         | 34.74                  | 60.67                     | -25.93         | -                          | -                    |
| 16                           | .285            | 19.49                | Ca  | .1      | 0               | 10.1         | 29.69                  | -                         | -              | 50.67                      | -20.98               |
| 17                           | .35475          | 21.37                | Qp  | .1      | 0               | 10.1         | 31.57                  | 58.85                     | -27.28         | -                          | -                    |
| 18                           | .35475          | 19.11                | Ca  | .1      | 0               | 10.1         | 29.31                  | -                         | -              | 48.85                      | -19.54               |
| 19                           | .42675          | 20.45                | Qp  | .1      | 0               | 10.1         | 30.65                  | 57.32                     | -26.67         | -                          | -                    |
| 20                           | .42675          | 15.95                | Ca  | .1      | 0               | 10.1         | 26.15                  | -                         | -              | 47.32                      | -21.17               |
| 21                           | .501            | 16.72                | Qp  | .1      | 0               | 10.1         | 26.92                  | 56                        | -29.08         | -                          | -                    |
| 22                           | .49875          | 12.16                | Ca  | .1      | 0               | 10.1         | 22.36                  | -                         | -              | 46.02                      | -23.66               |
| 23                           | .5685           | 11.11                | Qp  | .1      | 0               | 10.1         | 21.31                  | 56                        | -34.69         | -                          | -                    |
| 24                           | .5685           | 7.73                 | Ca  | .1      | 0               | 10.1         | 17.93                  | -                         | -              | 46                         | -28.07               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## 10.1.2. AC Power Line Norm

### LINE 1 RESULTS

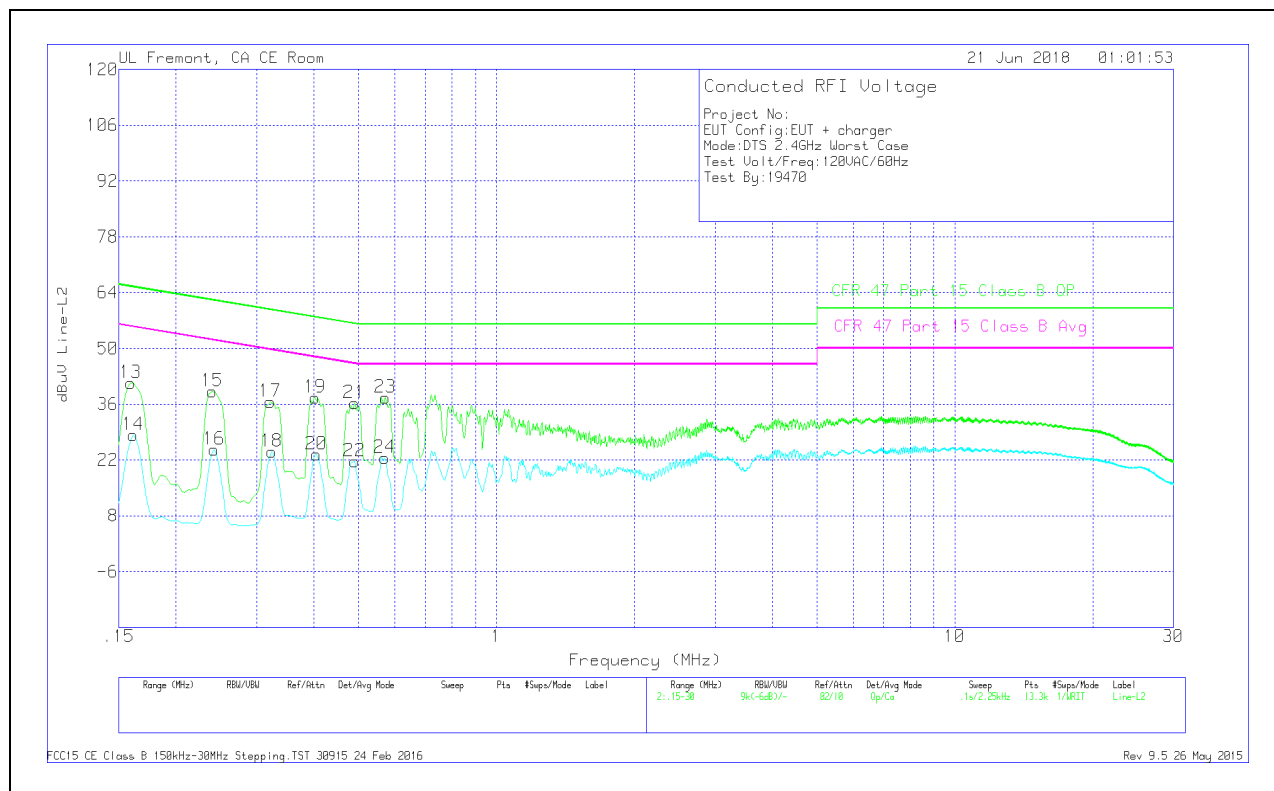


| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
| 1                            | .16125          | 33.7                 | Qp  | .7      | 0               | 10.1         | 44.5                   | 65.4                      | -20.9          | -                          | -                    |
| 2                            | .16125          | 20.2                 | Ca  | .7      | 0               | 10.1         | 31                     | -                         | -              | 55.4                       | -24.4                |
| 3                            | .24225          | 30.38                | Qp  | .4      | 0               | 10.1         | 40.88                  | 62.02                     | -21.14         | -                          | -                    |
| 4                            | .2445           | 15.65                | Ca  | .4      | 0               | 10.1         | 26.15                  | -                         | -              | 51.94                      | -25.79               |
| 5                            | .32325          | 27.02                | Qp  | .4      | 0               | 10.1         | 37.52                  | 59.62                     | -22.1          | -                          | -                    |
| 6                            | .3255           | 15.32                | Ca  | .3      | 0               | 10.1         | 25.72                  | -                         | -              | 49.57                      | -23.85               |
| 7                            | .40425          | 28.5                 | Qp  | .2      | 0               | 10.1         | 38.8                   | 57.77                     | -18.97         | -                          | -                    |
| 8                            | .4065           | 14.45                | Ca  | .2      | 0               | 10.1         | 24.75                  | -                         | -              | 47.72                      | -22.97               |
| 9                            | .492            | 26.49                | Qp  | .1      | 0               | 10.1         | 36.69                  | 56.13                     | -19.44         | -                          | -                    |
| 10                           | .48525          | 13.41                | Ca  | .1      | 0               | 10.1         | 23.61                  | -                         | -              | 46.25                      | -22.64               |
| 11                           | .564            | 27.63                | Qp  | .1      | 0               | 10.1         | 37.83                  | 56                        | -18.17         | -                          | -                    |
| 12                           | .56625          | 13.86                | Ca  | .1      | 0               | 10.1         | 24.06                  | -                         | -              | 46                         | -21.94               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
| 13                           | .159            | 31.13                | Qp  | .1      | 0               | 10.1         | 41.33                  | 65.52                     | -24.19         | -                          | -                    |
| 14                           | .16125          | 18.12                | Ca  | .1      | 0               | 10.1         | 28.32                  | -                         | -              | 55.4                       | -27.08               |
| 15                           | .24             | 29.06                | Qp  | .1      | 0               | 10.1         | 39.26                  | 62.1                      | -22.84         | -                          | -                    |
| 16                           | .24225          | 14.38                | Ca  | .1      | 0               | 10.1         | 24.58                  | -                         | -              | 52.02                      | -27.44               |
| 17                           | .321            | 26.41                | Qp  | .1      | 0               | 10.1         | 36.61                  | 59.68                     | -23.07         | -                          | -                    |
| 18                           | .32325          | 13.87                | Ca  | .1      | 0               | 10.1         | 24.07                  | -                         | -              | 49.62                      | -25.55               |
| 19                           | .402            | 27.45                | Qp  | .1      | 0               | 10.1         | 37.65                  | 57.81                     | -20.16         | -                          | -                    |
| 20                           | .40425          | 13.23                | Ca  | .1      | 0               | 10.1         | 23.43                  | -                         | -              | 47.77                      | -24.34               |
| 21                           | .48975          | 26.04                | Qp  | .1      | 0               | 10.1         | 36.24                  | 56.17                     | -19.93         | -                          | -                    |
| 22                           | .48975          | 11.41                | Ca  | .1      | 0               | 10.1         | 21.61                  | -                         | -              | 46.17                      | -24.56               |
| 23                           | .573            | 27.38                | Qp  | .1      | 0               | 10.1         | 37.58                  | 56                        | -18.42         | -                          | -                    |
| 24                           | .57075          | 12.36                | Ca  | .1      | 0               | 10.1         | 22.56                  | -                         | -              | 46                         | -23.44               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## END OF REPORT

## **11. SETUP PHOTOS**

Please refer to 12258201-EP1V1 for setup photos