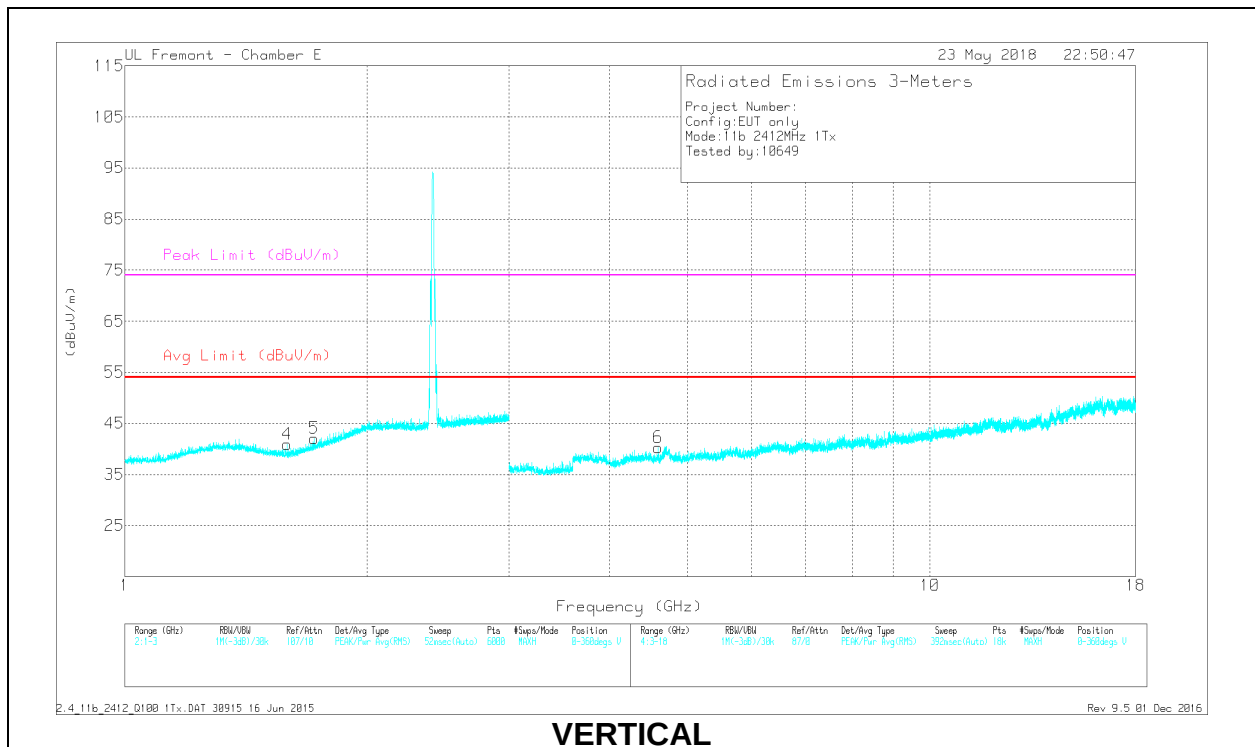
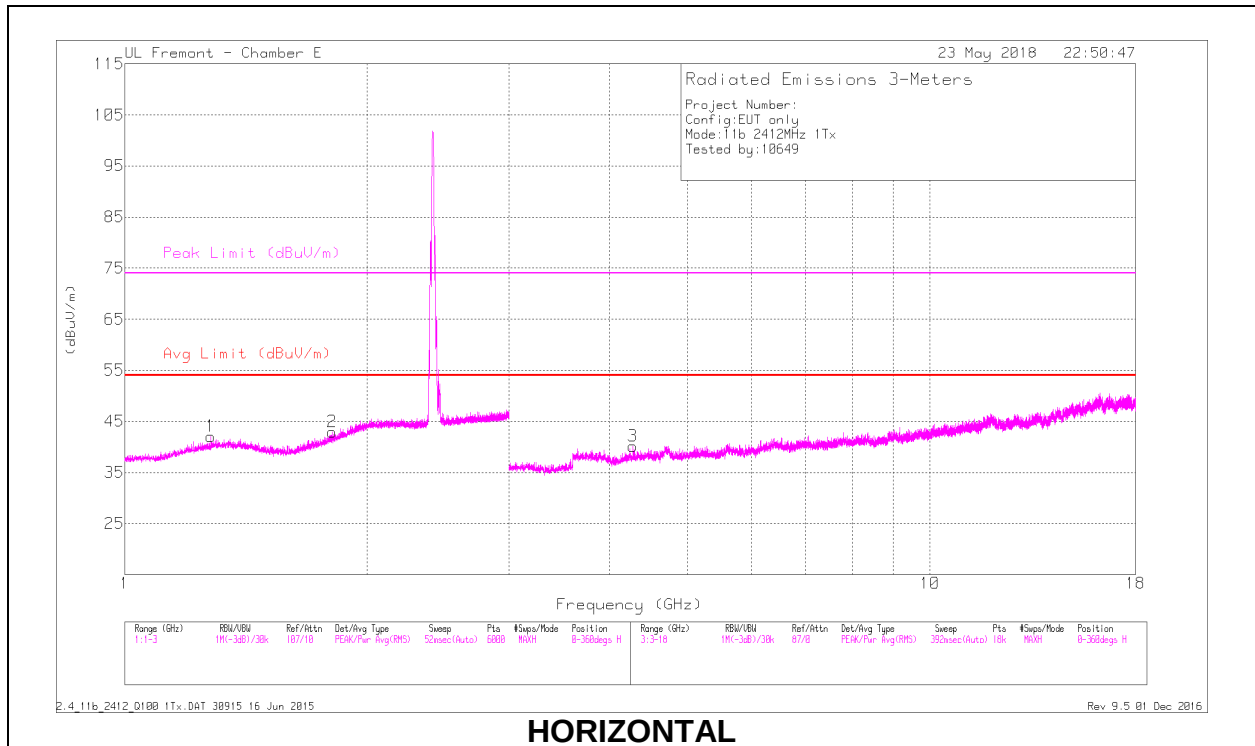


## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

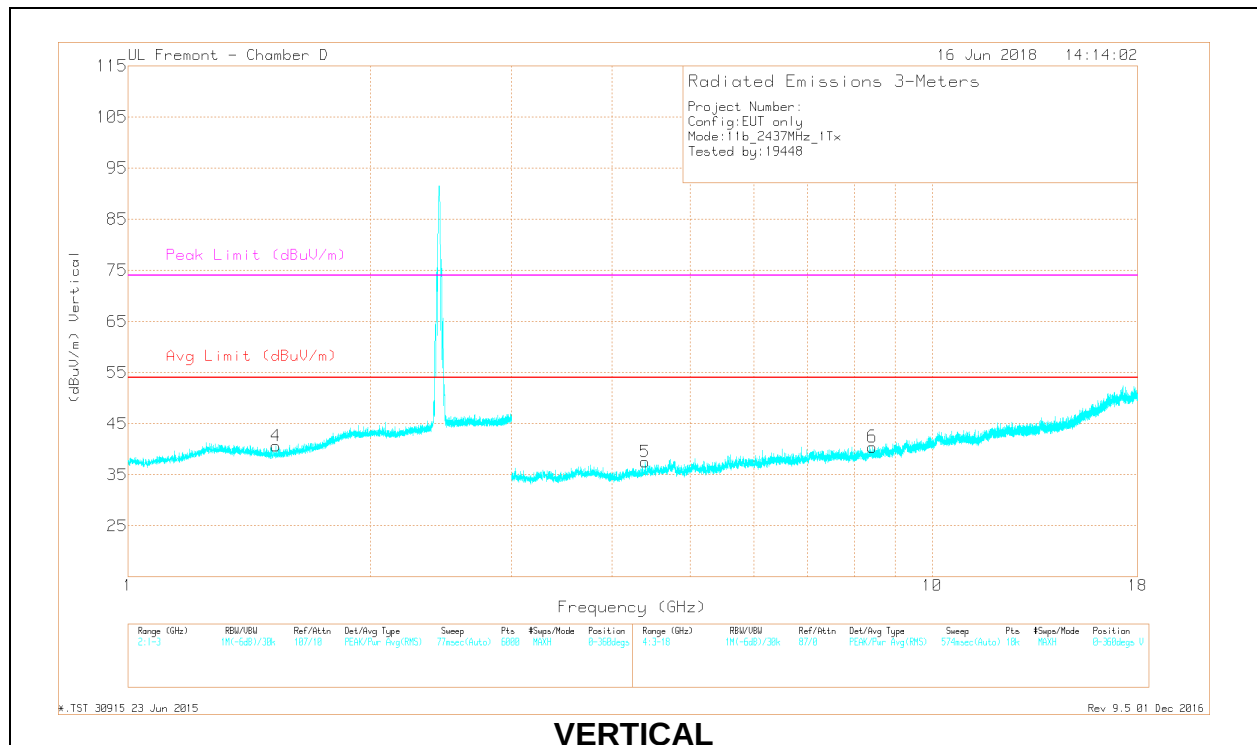
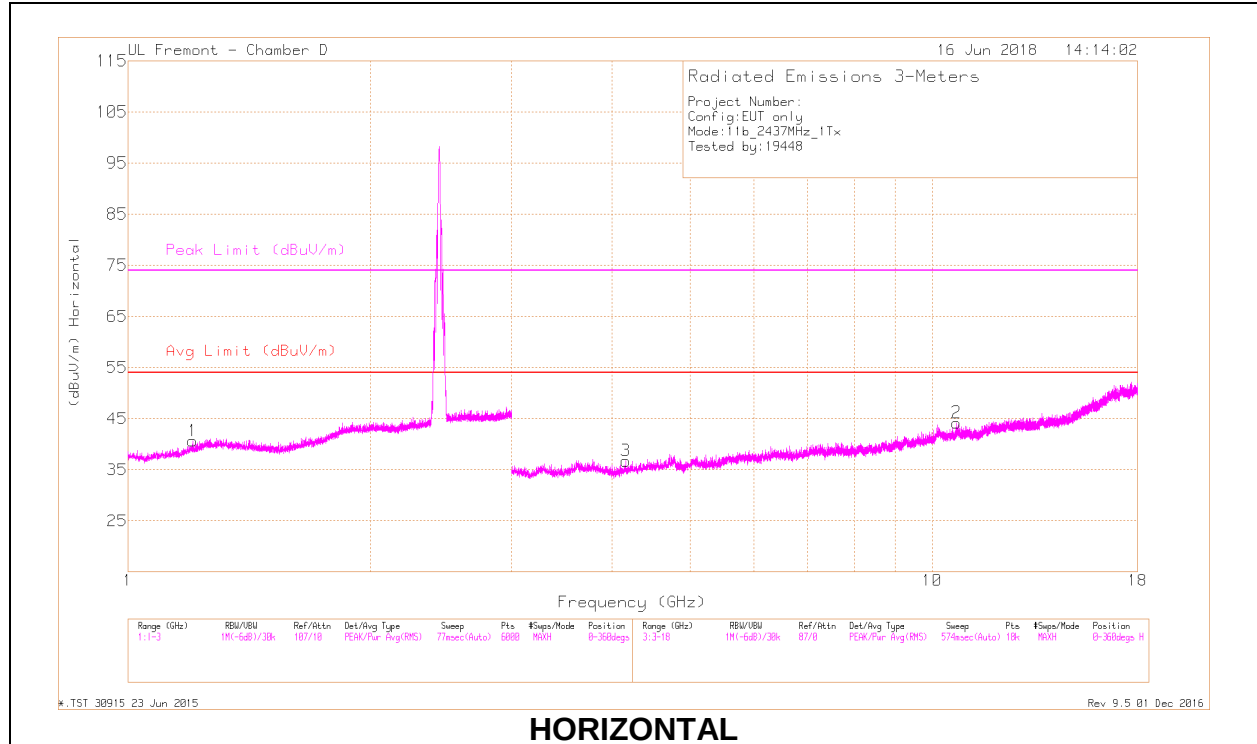
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl/Filtr/Padded (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|---------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.281         | 45.38                | PK2  | 28.7           | -25.3                     | 48.78                      | -                  | -           | 74                  | -25.22         | 333            | 146         | H        |
|        | * 1.281         | 32.39                | MAv1 | 28.7           | -25.3                     | 35.79                      | 54                 | -18.21      | -                   | -              | 333            | 146         | H        |
| 4      | * 1.589         | 44.28                | PK2  | 27.2           | -24.5                     | 46.98                      | -                  | -           | 74                  | -27.02         | 96             | 219         | V        |
|        | * 1.589         | 31.68                | MAv1 | 27.2           | -24.5                     | 34.38                      | 54                 | -19.62      | -                   | -              | 96             | 219         | V        |
| 3      | * 4.277         | 40.7                 | PK2  | 33.9           | -28.7                     | 45.9                       | -                  | -           | 74                  | -28.1          | 73             | 385         | H        |
|        | * 4.277         | 28.73                | MAv1 | 33.9           | -28.8                     | 33.83                      | 54                 | -20.17      | -                   | -              | 73             | 385         | H        |
| 6      | * 4.592         | 41.64                | PK2  | 34.4           | -29.4                     | 46.64                      | -                  | -           | 74                  | -27.36         | 193            | 181         | V        |
|        | * 4.594         | 29.67                | MAv1 | 34.4           | -29.5                     | 34.57                      | 54                 | -19.43      | -                   | -              | 193            | 181         | V        |
| 5      | 1.717           | 44.01                | PK2  | 28.5           | -24.2                     | 48.31                      | -                  | -           | -                   | -              | 96             | 219         | V        |
| 2      | 1.812           | 43.69                | PK2  | 29.7           | -24                       | 49.39                      | -                  | -           | -                   | -              | 133            | 337         | H        |

\* - 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

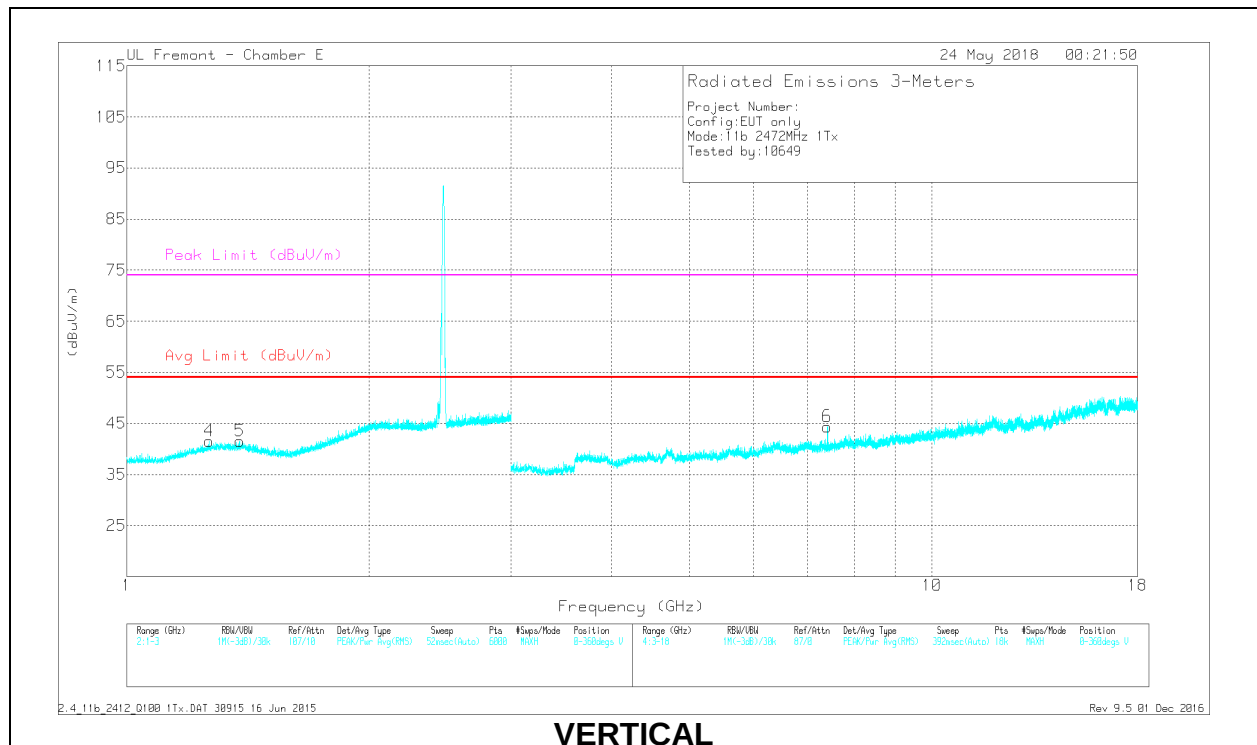
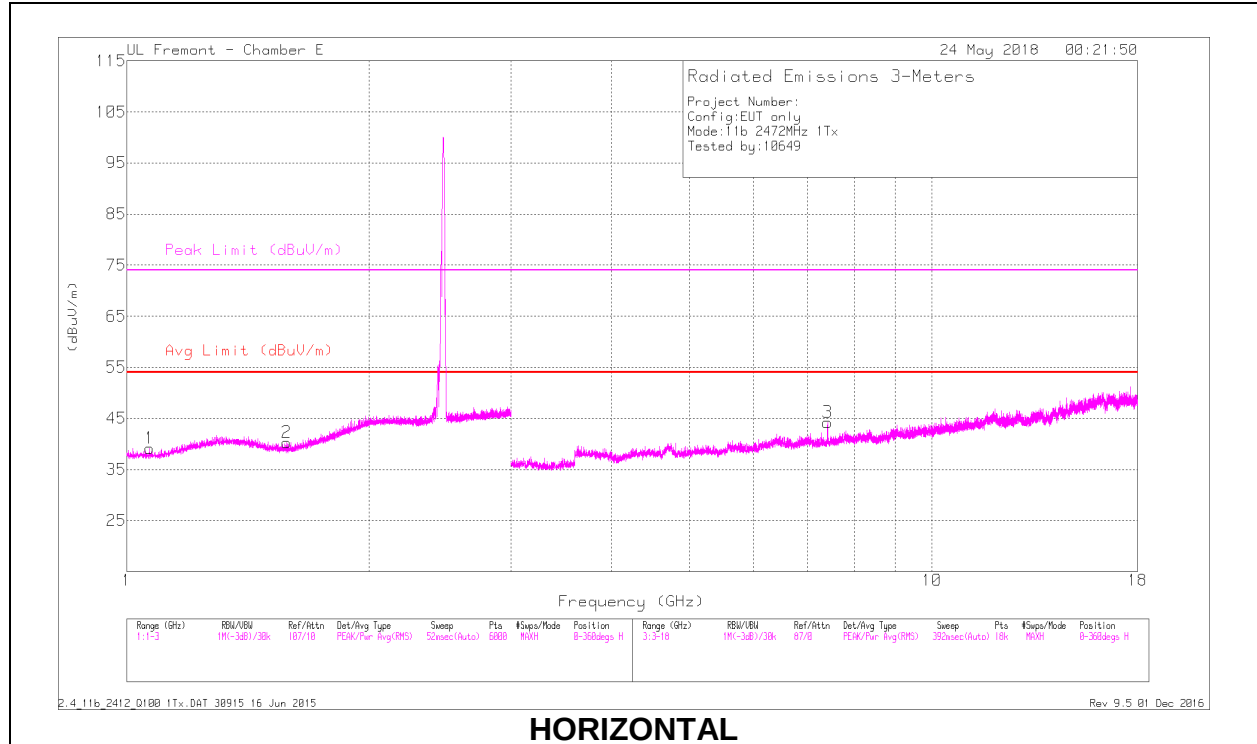
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 1.202         | 39.96                | PK2  | 28.3           | -22.2                   | 46.06                      | -                  | -           | 74                  | -27.94         | 0              | 101         | H        |
| * 1.205         | 28.82                | MAv1 | 28.4           | -22.1                   | 35.12                      | -                  | -           | -                   | -              | 0              | 101         | H        |
| * 1.528         | 39.67                | PK2  | 28             | -21.6                   | 46.07                      | -                  | -           | 74                  | -27.93         | 0              | 201         | V        |
| * 1.529         | 28.55                | MAv1 | 28             | -21.6                   | 34.95                      | -                  | -           | -                   | -              | 0              | 201         | V        |
| * 10.716        | 31.22                | PK2  | 37.7           | -20                     | 48.92                      | -                  | -           | 74                  | -25.08         | 0              | 102         | H        |
| * 10.715        | 20.55                | MAv1 | 37.7           | -20                     | 38.25                      | -                  | -           | -                   | -              | 0              | 102         | H        |
| * 4.16          | 36.03                | PK2  | 33.6           | -27.6                   | 42.03                      | -                  | -           | 74                  | -31.97         | 0              | 102         | H        |
| * 4.161         | 25.22                | MAv1 | 33.6           | -27.6                   | 31.22                      | -                  | -           | -                   | -              | 0              | 102         | H        |
| * 4.395         | 36.19                | PK2  | 34.1           | -27.7                   | 42.59                      | -                  | -           | 74                  | -31.41         | 0              | 201         | V        |
| * 4.392         | 25.09                | MAv1 | 34.1           | -27.7                   | 31.49                      | -                  | -           | -                   | -              | 0              | 201         | V        |
| * 8.426         | 32.87                | PK2  | 35.9           | -23                     | 45.77                      | -                  | -           | 74                  | -28.23         | 0              | 201         | V        |
| * 8.427         | 21.84                | MAv1 | 35.9           | -23                     | 34.74                      | -                  | -           | -                   | -              | 0              | 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



## RADIATED EMISSIONS

| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (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       | * 1.068         | 45.56                | PK2  | 26.4           | -25.8                  | 46.16                      | -                  | -           | 74                  | -27.84         | 192            | 165         | H        |
|         | * 1.068         | 32.81                | MAv1 | 26.4           | -25.8                  | 33.41                      | 54                 | -20.59      | -                   | -              | 192            | 165         | H        |
| 2       | * 1.581         | 44.38                | PK2  | 27.2           | -24.5                  | 47.08                      | -                  | -           | 74                  | -26.92         | 101            | 268         | H        |
|         | * 1.583         | 31.75                | MAv1 | 27.2           | -24.5                  | 34.45                      | 54                 | -19.55      | -                   | -              | 101            | 268         | H        |
| 4       | * 1.265         | 44.9                 | PK2  | 28.6           | -25.3                  | 48.2                       | -                  | -           | 74                  | -25.8          | 341            | 341         | V        |
|         | * 1.264         | 32.39                | MAv1 | 28.6           | -25.3                  | 35.69                      | 54                 | -18.31      | -                   | -              | 341            | 341         | V        |
| 5       | * 1.382         | 44.84                | PK2  | 28.8           | -25.1                  | 48.54                      | -                  | -           | 74                  | -25.46         | 155            | 145         | V        |
|         | * 1.383         | 32.21                | MAv1 | 28.8           | -25.1                  | 35.91                      | 54                 | -18.09      | -                   | -              | 155            | 145         | V        |
| 3       | * 7.418         | 39.21                | PK2  | 36             | -27.1                  | 48.11                      | -                  | -           | 74                  | -25.89         | 197            | 109         | H        |
|         | * 7.417         | 27.1                 | MAv1 | 36             | -27.1                  | 36                         | 54                 | -18         | -                   | -              | 197            | 109         | H        |
| 6       | * 7.413         | 39.66                | PK2  | 36             | -27.1                  | 48.56                      | -                  | -           | 74                  | -25.44         | 186            | 315         | V        |
|         | * 7.417         | 27                   | MAv1 | 36             | -27.1                  | 35.9                       | 54                 | -18.1       | -                   | -              | 186            | 315         | V        |

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

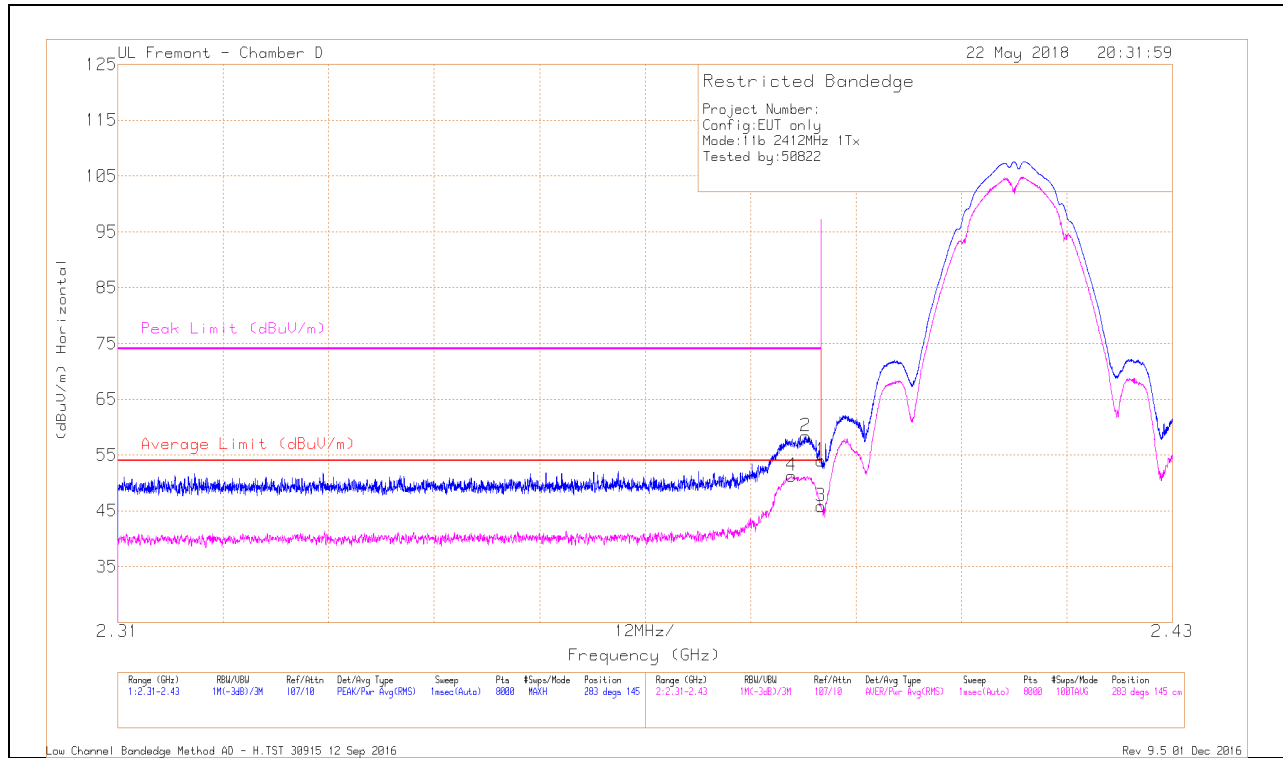
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**1TX Antenna 5 MODE**

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

**HORIZONTAL RESULT**



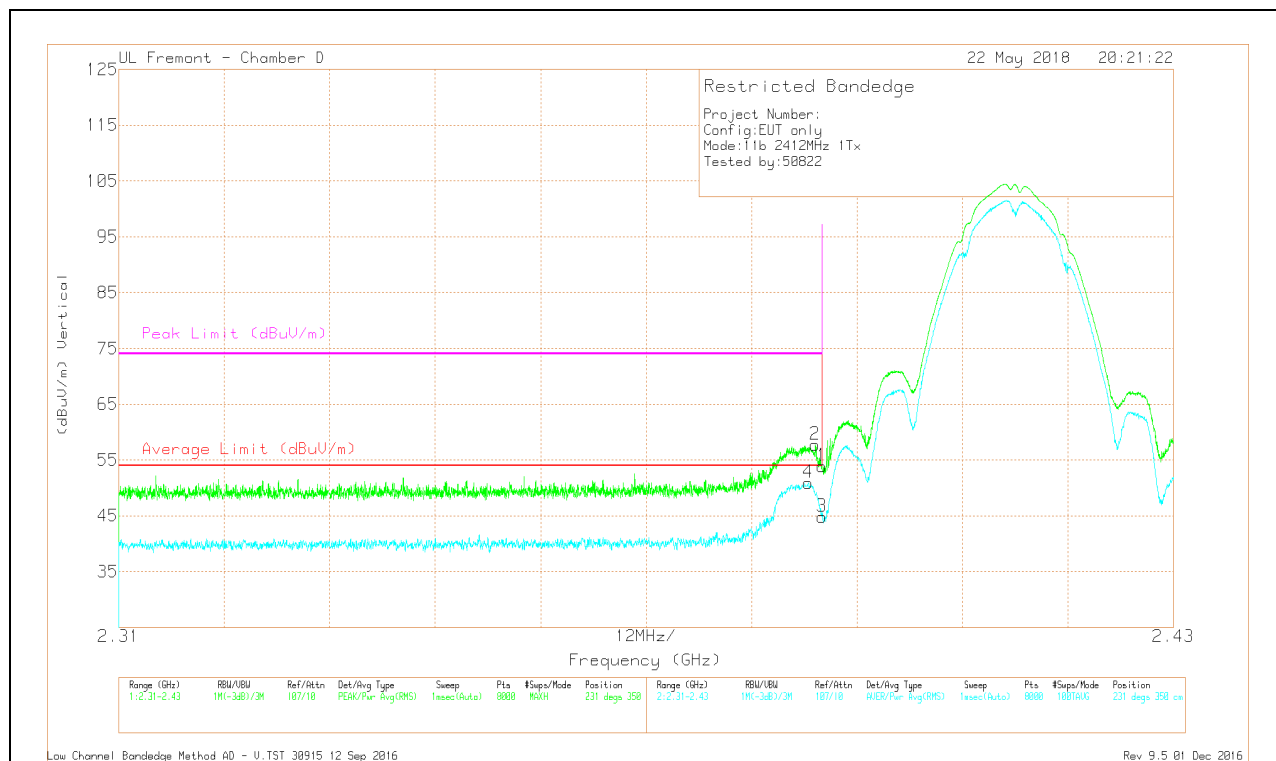
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 2.387         | 39.9                 | RMS | 31.9           | -20.5                  | 51.3                       | 54                     | -2.7        | -                   | -              | 283            | 145         | H        |
| 2      | * 2.388         | 46.96                | PK  | 31.9           | -20.5                  | 58.36                      | -                      | -           | 74                  | -15.64         | 283            | 145         | H        |
| 1      | * 2.39          | 42.6                 | PK  | 31.9           | -20.5                  | 54                         | -                      | -           | 74                  | -20            | 283            | 145         | H        |
| 3      | * 2.39          | 34.41                | RMS | 31.9           | -20.5                  | 45.81                      | 54                     | -8.19       | -                   | -              | 283            | 145         | 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 |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 2.388         | 39.47                | RMS | 31.9          | -20.5                  | 50.87                      | 54                     | -3.13       | -                   | -              | 231            | 350         | V        |
| 2      | * 2.389         | 46.34                | Pk  | 31.9          | -20.5                  | 57.74                      | -                      | -           | 74                  | -16.26         | 231            | 350         | V        |
| 1      | * 2.39          | 42.52                | Pk  | 31.9          | -20.5                  | 53.92                      | -                      | -           | 74                  | -20.08         | 231            | 350         | V        |
| 3      | * 2.39          | 33.46                | RMS | 31.9          | -20.5                  | 44.86                      | 54                     | -9.14       | -                   | -              | 231            | 350         | V        |

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

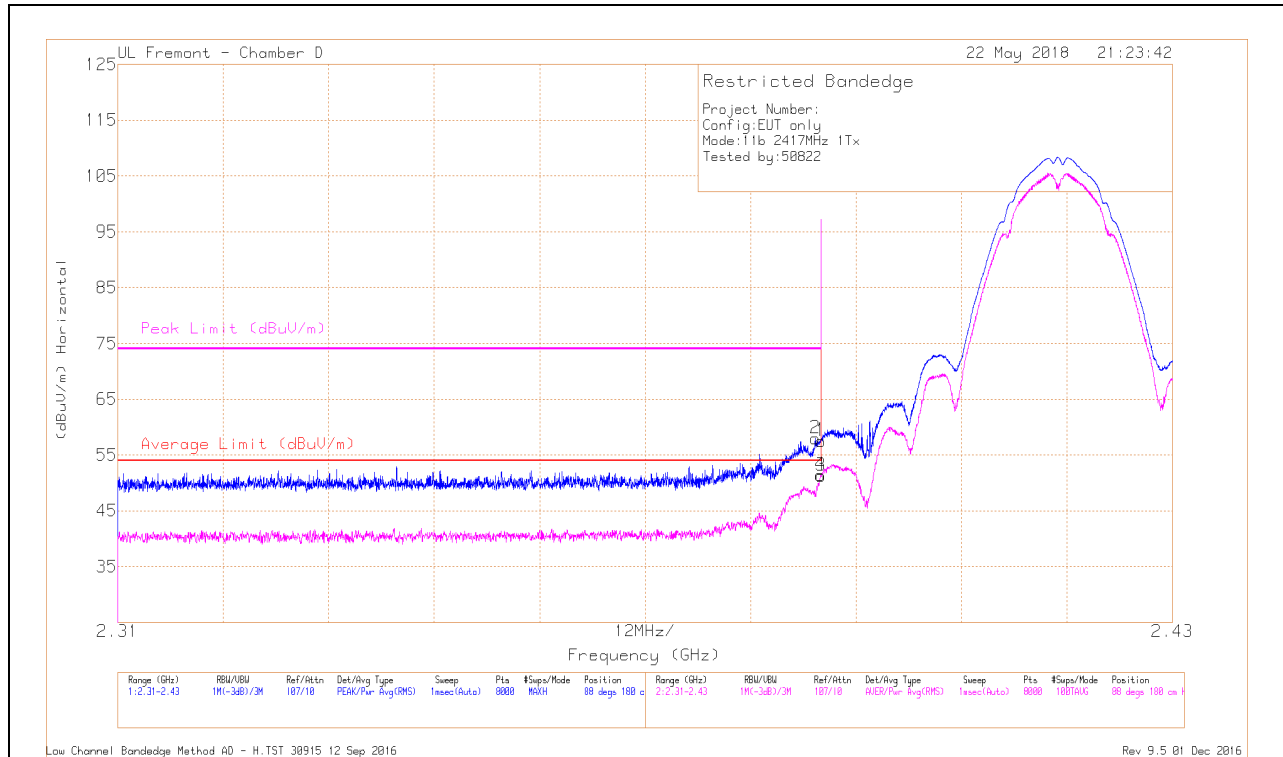
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



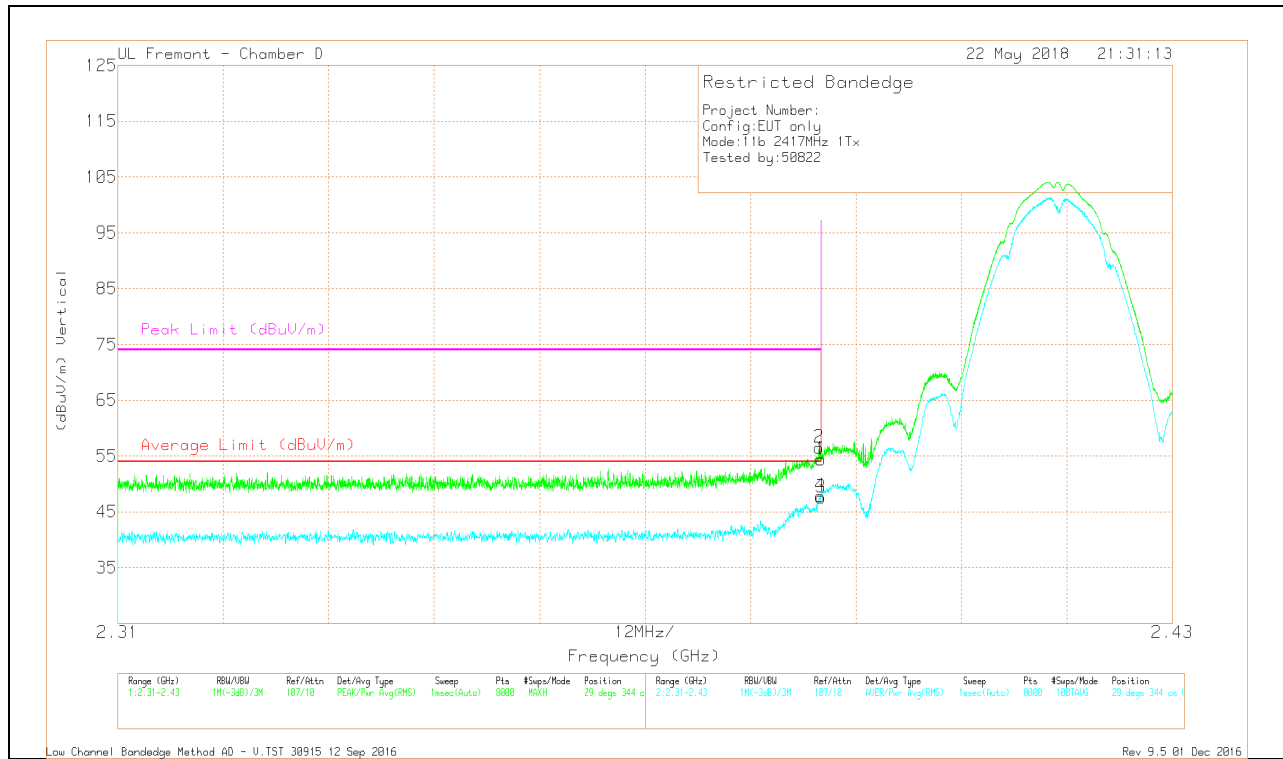
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.389         | 46.63                | Pk  | 31.9           | -20.5                  | 58.03                      | -                      | -           | 74                  | -15.97         | 88             | 180         | H        |
| 1      | * 2.39          | 46.15                | Pk  | 31.9           | -20.5                  | 57.55                      | -                      | -           | 74                  | -16.45         | 88             | 180         | H        |
| 3      | * 2.39          | 39.85                | RMS | 31.9           | -20.5                  | 51.25                      | 54                     | -2.75       | -                   | -              | 88             | 180         | H        |
| 4      | * 2.39          | 40.02                | RMS | 31.9           | -20.5                  | 51.42                      | 54                     | -2.58       | -                   | -              | 88             | 180         | 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          | 43.03                | Pk  | 31.9           | -20.5                  | 54.43                      | -                      | -           | 74                  | -19.57         | 29             | 344         | V        |
| 2      | * 2.39          | 45.05                | Pk  | 31.9           | -20.5                  | 56.45                      | -                      | -           | 74                  | -17.55         | 29             | 344         | V        |
| 3      | * 2.39          | 36.21                | RMS | 31.9           | -20.5                  | 47.61                      | 54                     | -6.39       | -                   | -              | 29             | 344         | V        |
| 4      | * 2.39          | 36.38                | RMS | 31.9           | -20.5                  | 47.78                      | 54                     | -6.22       | -                   | -              | 29             | 344         | V        |

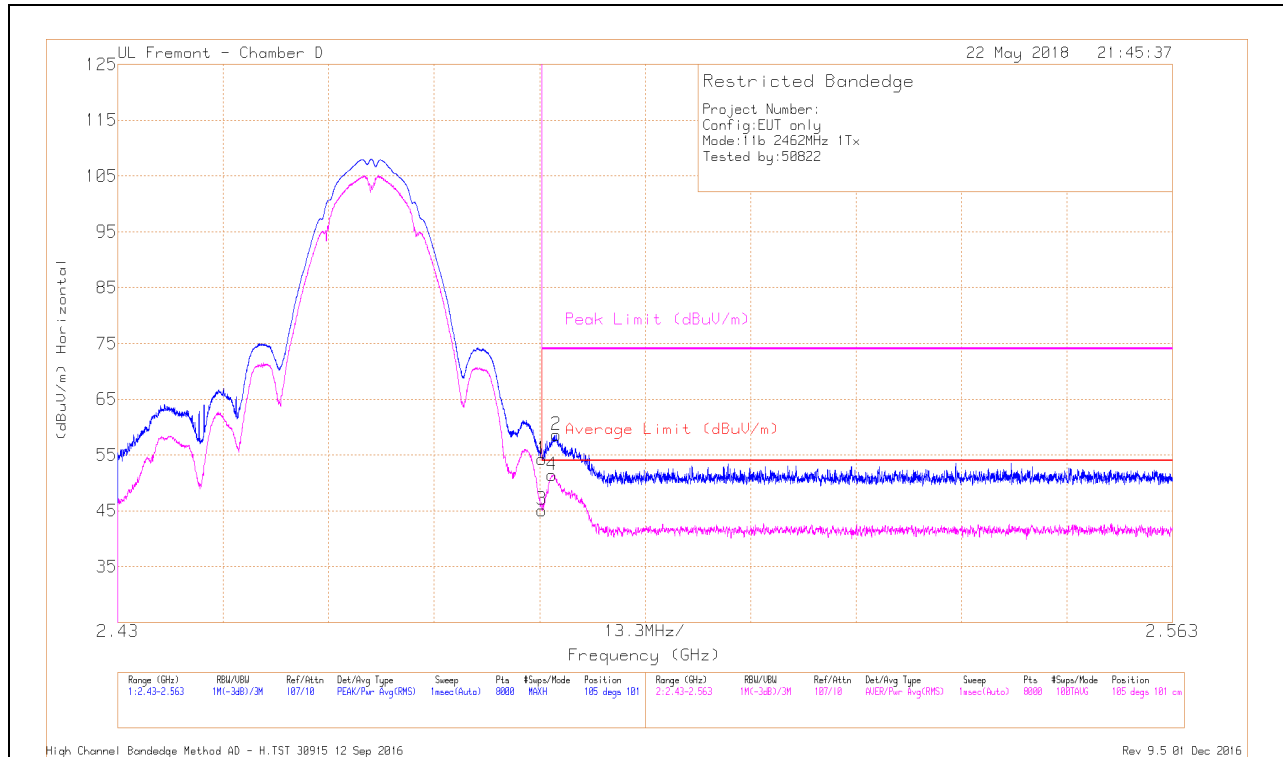
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



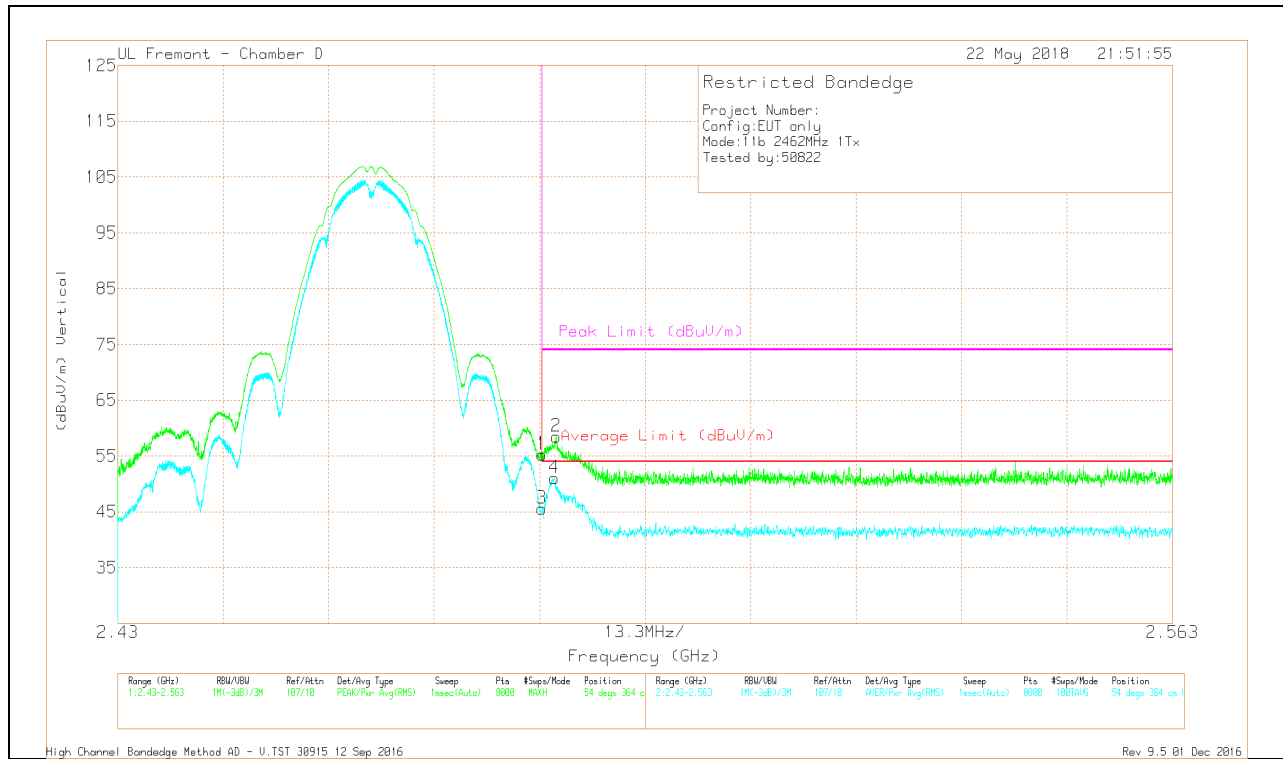
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 42.28                | Pk  | 32.4           | -20.4                   | 54.28                      | -                      | -           | 74                  | -19.72         | 105            | 101         | H        |
| 3      | * 2.484         | 33.14                | RMS | 32.4           | -20.4                   | 45.14                      | 54                     | -8.86       | -                   | -              | 105            | 101         | H        |
| 2      | * 2.485         | 46.76                | Pk  | 32.4           | -20.5                   | 58.66                      | -                      | -           | 74                  | -15.34         | 105            | 101         | H        |
| 4      | * 2.485         | 39.52                | RMS | 32.4           | -20.5                   | 51.42                      | 54                     | -2.58       | -                   | -              | 105            | 101         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 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         | 43.31                | Pk  | 32.4          | -20.4                  | 55.31                      | -                      | -           | 74                  | -18.69         | 54             | 364         | V        |
| 3      | * 2.484         | 33.54                | RMS | 32.4          | -20.4                  | 45.54                      | 54                     | -8.46       | -                   | -              | 54             | 364         | V        |
| 2      | * 2.485         | 46.63                | Pk  | 32.4          | -20.5                  | 58.53                      | -                      | -           | 74                  | -15.47         | 54             | 364         | V        |
| 4      | * 2.485         | 39.11                | RMS | 32.4          | -20.5                  | 51.01                      | 54                     | -2.99       | -                   | -              | 54             | 364         | V        |

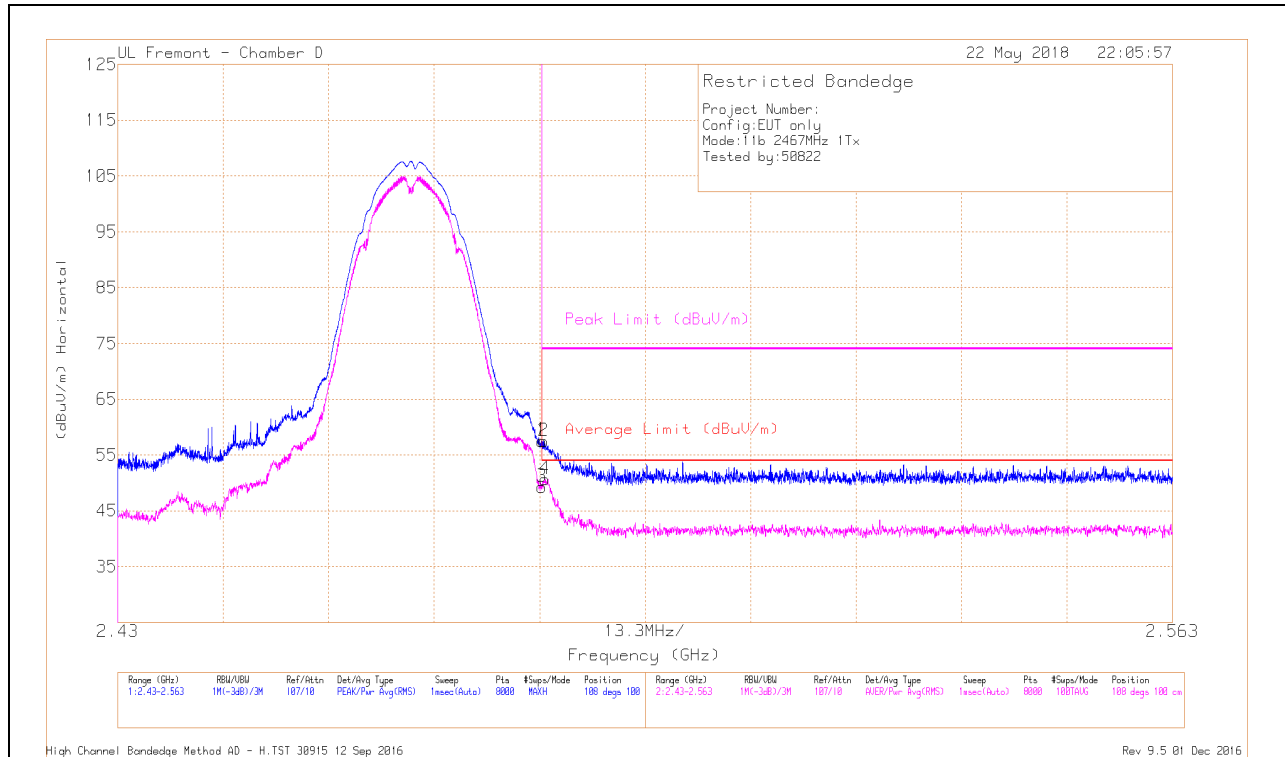
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



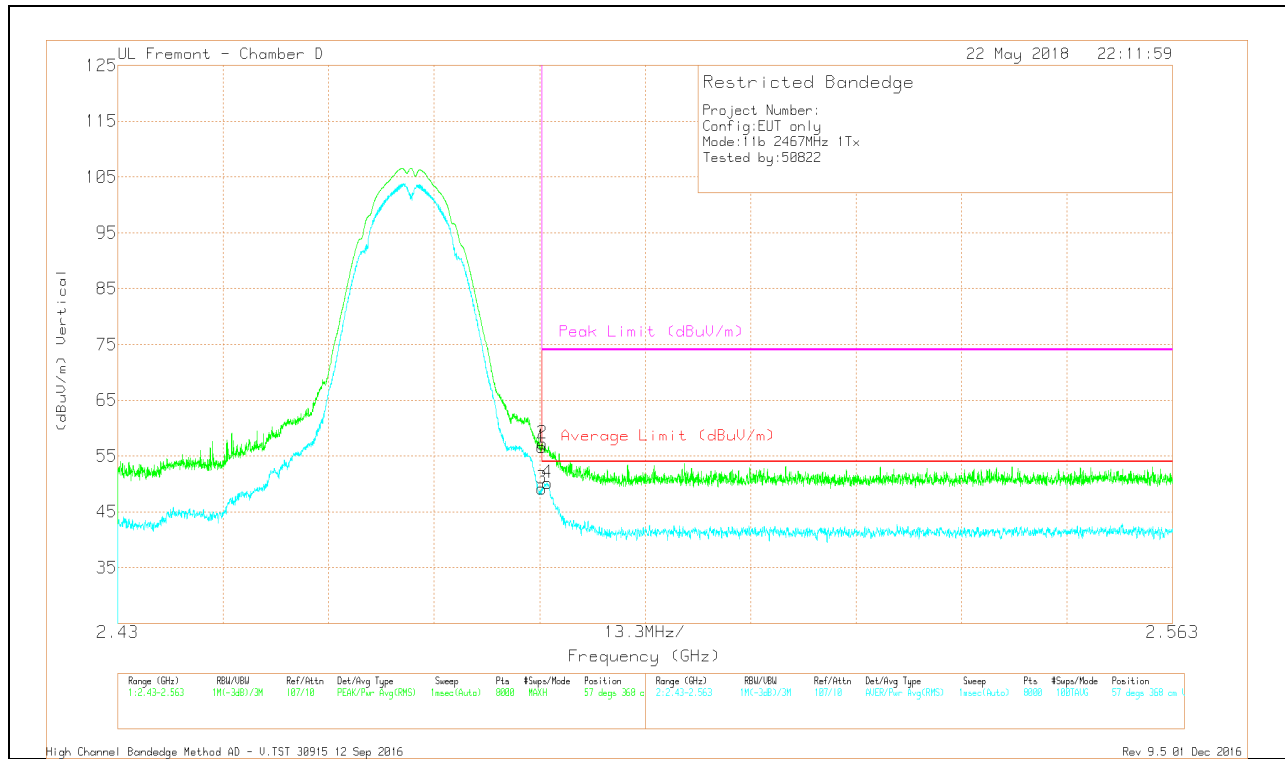
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 45.55                | Pk  | 32.4           | -20.4                  | 57.55                      | -                      | -           | 74                  | -16.45         | 108            | 100         | H        |
| 2      | * 2.484         | 45.57                | Pk  | 32.4           | -20.5                  | 57.47                      | -                      | -           | 74                  | -16.53         | 108            | 100         | H        |
| 3      | * 2.484         | 37.25                | RMS | 32.4           | -20.4                  | 49.25                      | 54                     | -4.75       | -                   | -              | 108            | 100         | H        |
| 4      | * 2.484         | 38.72                | RMS | 32.4           | -20.5                  | 50.62                      | 54                     | -3.38       | -                   | -              | 108            | 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 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      | * 2.484         | 44.68                | Pk  | 32.4           | -20.4                  | 56.68                      | -                      | -           | 74                  | -17.32         | 57             | 368         | V        |
| 2      | * 2.484         | 45.23                | Pk  | 32.4           | -20.4                  | 57.23                      | -                      | -           | 74                  | -16.77         | 57             | 368         | V        |
| 3      | * 2.484         | 37.2                 | RMS | 32.4           | -20.4                  | 49.2                       | 54                     | -4.8        | -                   | -              | 57             | 368         | V        |
| 4      | * 2.484         | 38.26                | RMS | 32.4           | -20.5                  | 50.16                      | 54                     | -3.84       | -                   | -              | 57             | 368         | V        |

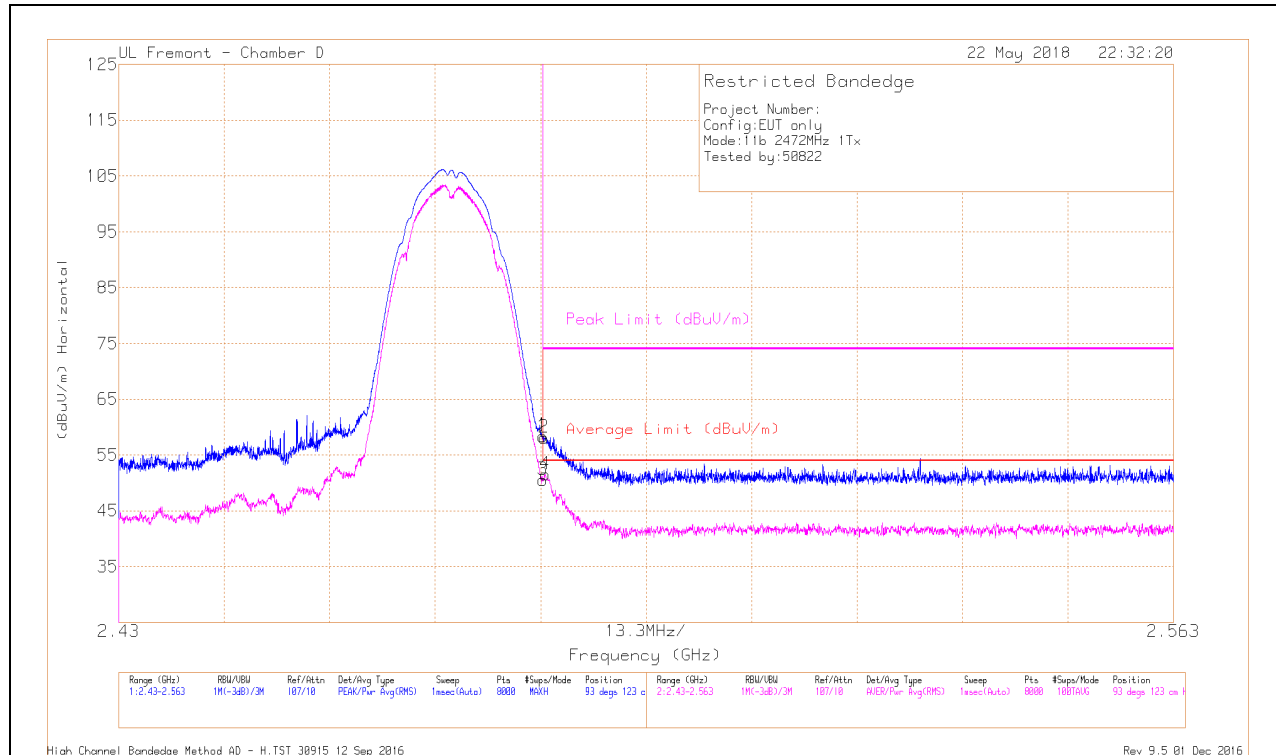
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



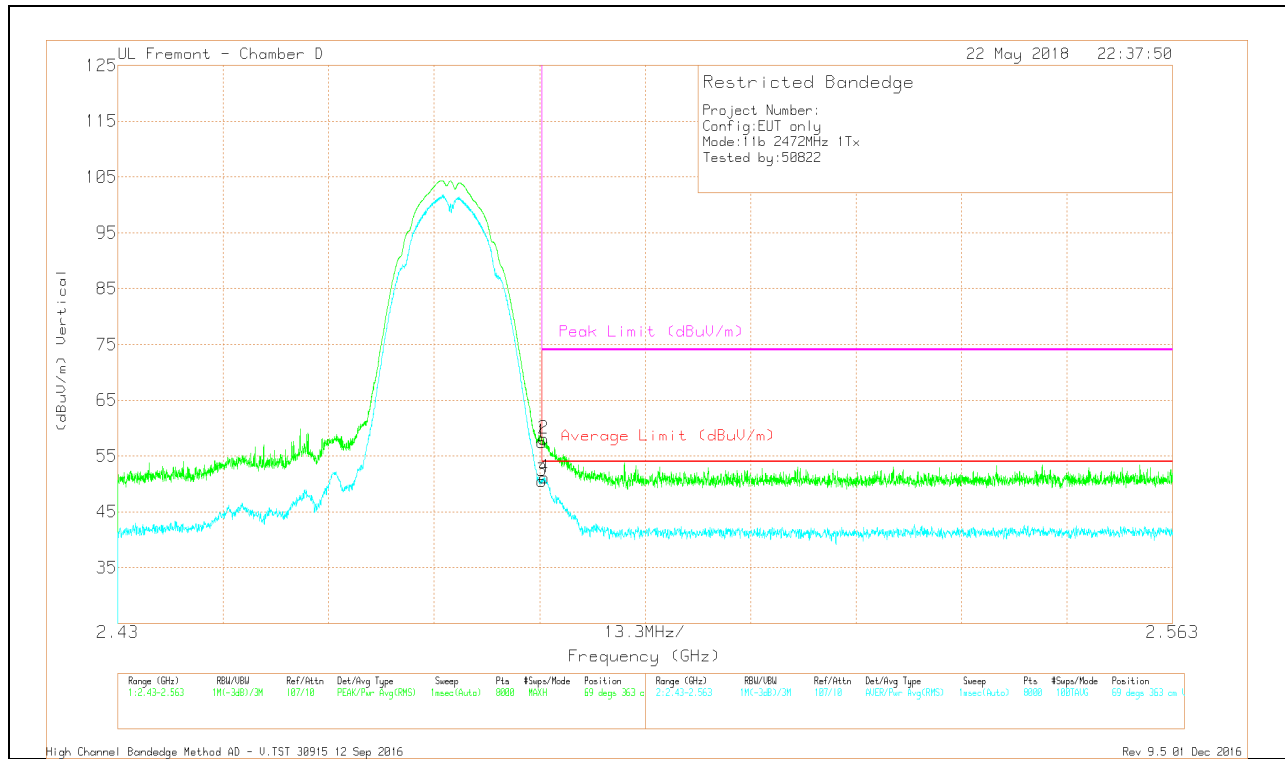
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 46.42                | Pk  | 32.4           | -20.4                   | 58.42                      | -                      | -           | 74                  | -15.58         | 93             | 123         | H        |
| 2      | * 2.484         | 46.24                | Pk  | 32.4           | -20.5                   | 58.14                      | -                      | -           | 74                  | -15.86         | 93             | 123         | H        |
| 3      | * 2.484         | 38.58                | RMS | 32.4           | -20.4                   | 50.58                      | 54                     | -3.42       | -                   | -              | 93             | 123         | H        |
| 4      | * 2.484         | 39.58                | RMS | 32.4           | -20.5                   | 51.48                      | 54                     | -2.52       | -                   | -              | 93             | 123         | 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         | 45.51                | Pk  | 32.4          | -20.4                  | 57.51                      | -                      | -           | 74                  | -16.49         | 69             | 363         | V        |
| 2      | * 2.484         | 46.22                | Pk  | 32.4          | -20.5                  | 58.12                      | -                      | -           | 74                  | -15.88         | 69             | 363         | V        |
| 3      | * 2.484         | 38.51                | RMS | 32.4          | -20.4                  | 50.51                      | 54                     | -3.49       | -                   | -              | 69             | 363         | V        |
| 4      | * 2.484         | 39.31                | RMS | 32.4          | -20.5                  | 51.21                      | 54                     | -2.79       | -                   | -              | 69             | 363         | V        |

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

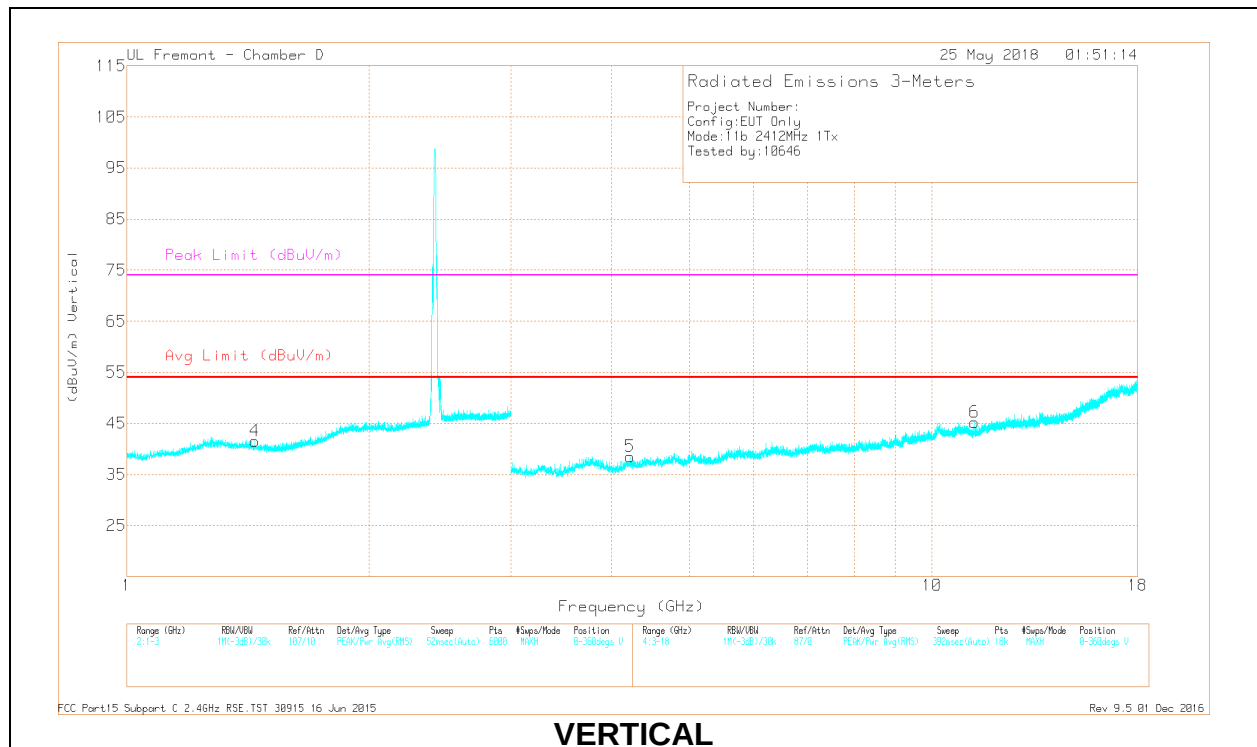
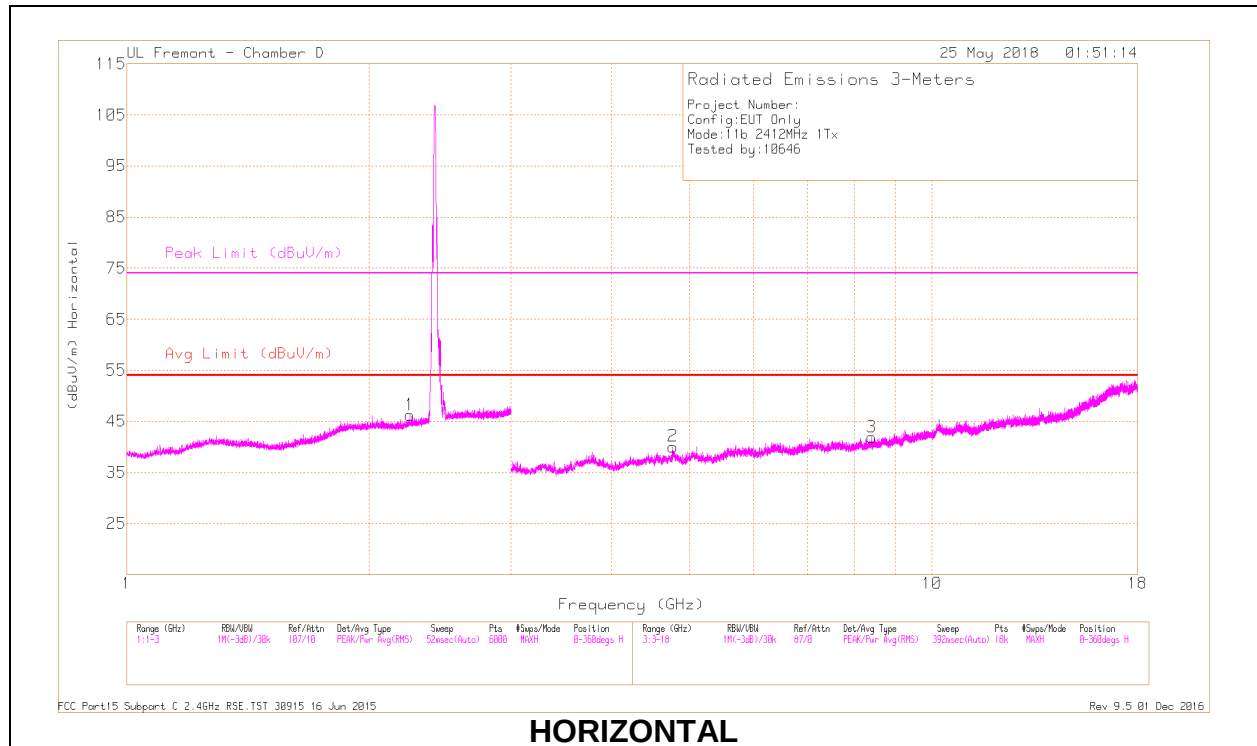
Pk - Peak detector

RMS - RMS detection



## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

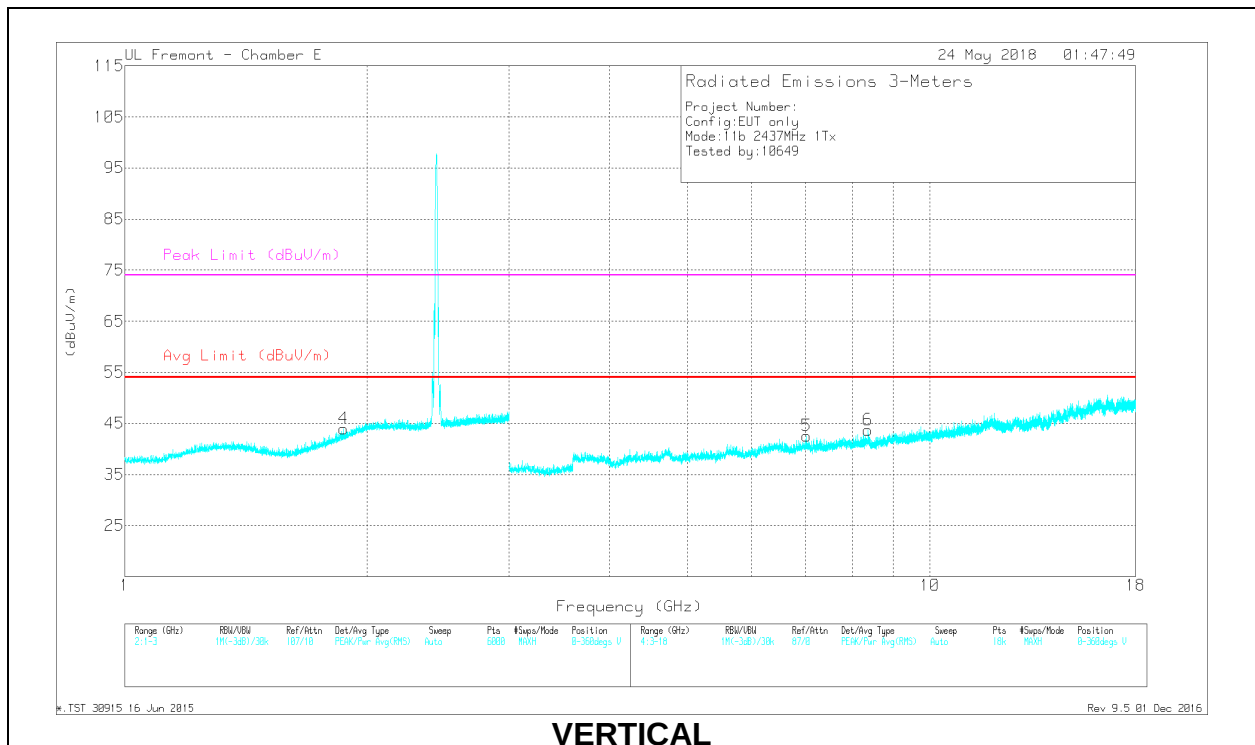
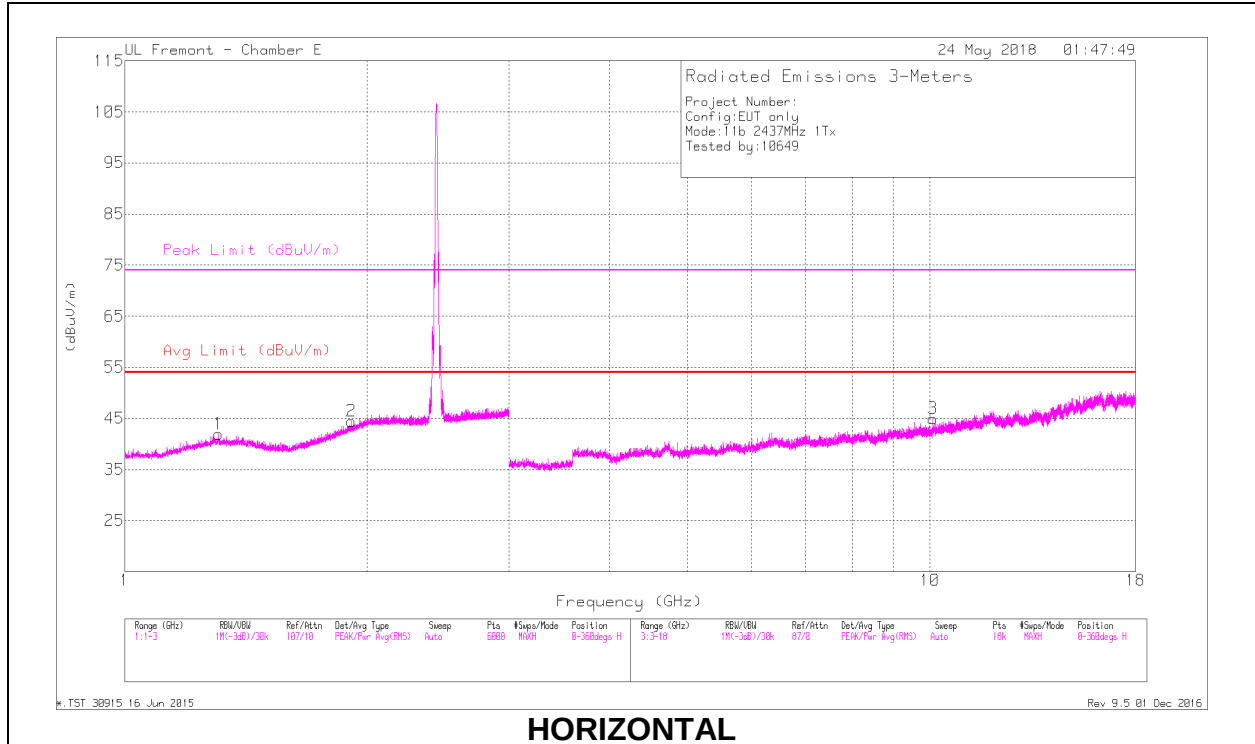
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.25          | 41.51                | PK2  | 31.5           | -20.7                   | 52.31                      | -                  | -           | 74                  | -21.69         | 191            | 202         | H        |
|        | * 2.249         | 29.61                | MAv1 | 31.5           | -20.7                   | 40.41                      | 54                 | -13.59      | -                   | -              | 191            | 202         | H        |
| 4      | * 1.442         | 41.61                | PK2  | 28.5           | -21.7                   | 48.41                      | -                  | -           | 74                  | -25.59         | 244            | 304         | V        |
|        | * 1.443         | 29.57                | MAv1 | 28.5           | -21.7                   | 36.37                      | 54                 | -17.63      | -                   | -              | 244            | 304         | V        |
| 2      | * 4.768         | 37.83                | PK2  | 34.5           | -26.3                   | 46.03                      | -                  | -           | 74                  | -27.97         | 4              | 208         | H        |
|        | * 4.766         | 26.14                | MAv1 | 34.6           | -26.3                   | 34.44                      | 54                 | -19.56      | -                   | -              | 4              | 208         | H        |
| 3      | * 8.412         | 35.35                | PK2  | 35.9           | -22.6                   | 48.65                      | -                  | -           | 74                  | -25.35         | 264            | 184         | H        |
|        | * 8.412         | 23.06                | MAv1 | 35.9           | -22.6                   | 36.36                      | 54                 | -17.64      | -                   | -              | 264            | 184         | H        |
| 5      | * 4.218         | 37                   | PK2  | 33.8           | -27.3                   | 43.5                       | -                  | -           | 74                  | -30.5          | 13             | 336         | V        |
|        | * 4.217         | 25.66                | MAv1 | 33.8           | -27.3                   | 32.16                      | 54                 | -21.84      | -                   | -              | 13             | 336         | V        |
| 6      | * 11.291        | 33.26                | PK2  | 37.8           | -19.9                   | 51.16                      | -                  | -           | 74                  | -22.84         | 8              | 217         | V        |
|        | * 11.291        | 21.61                | MAv1 | 37.8           | -19.9                   | 39.51                      | 54                 | -14.49      | -                   | -              | 8              | 217         | 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

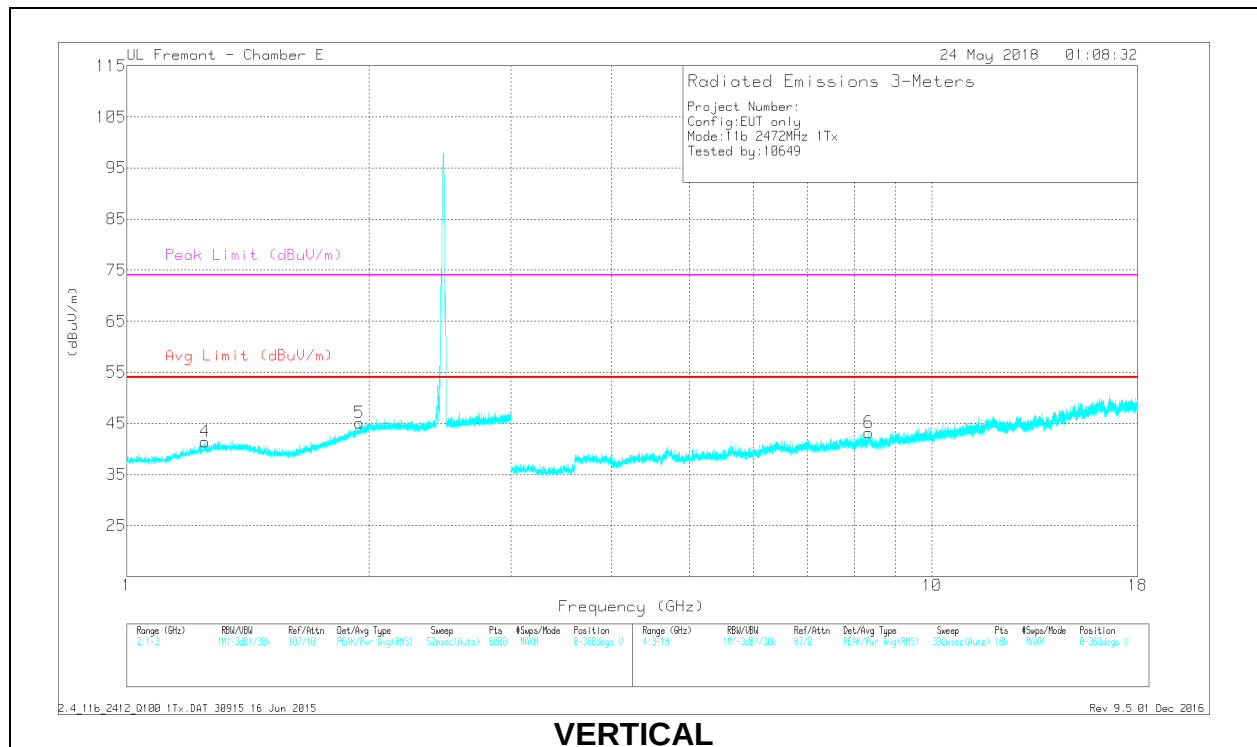
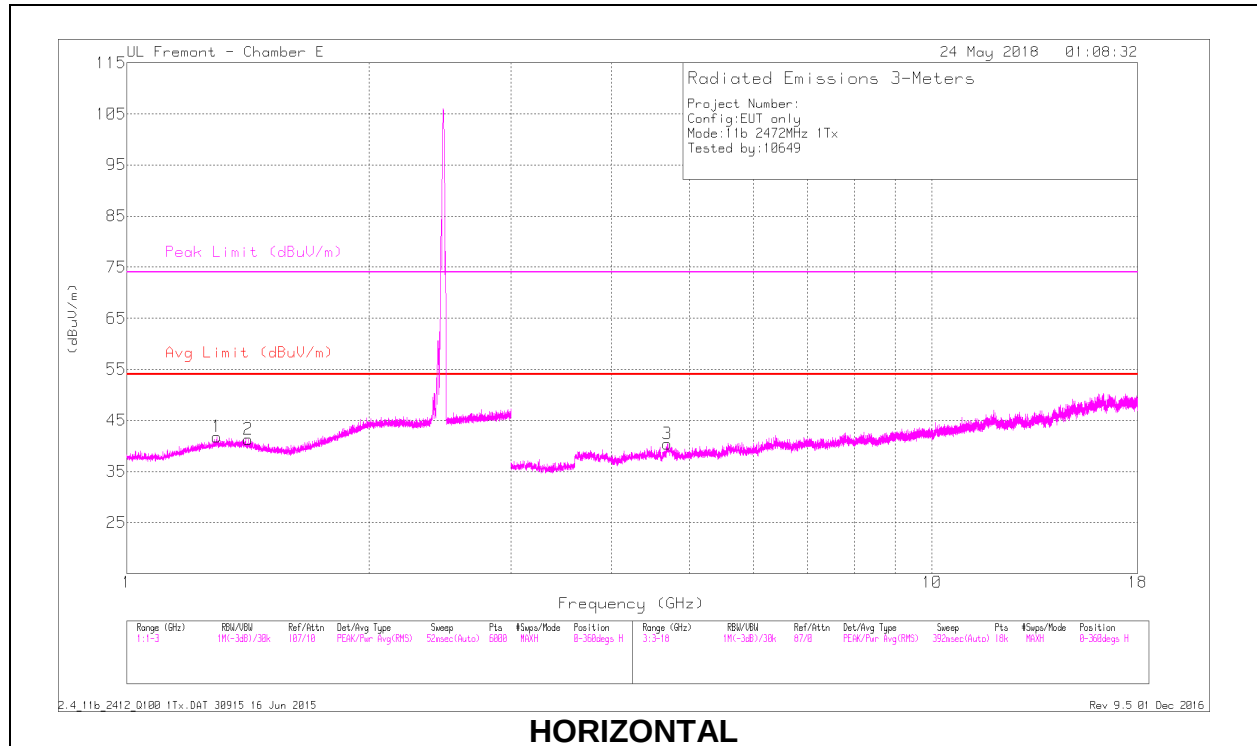
| Markers | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T346<br>(dB/m) | Amp/Cbl/Filtr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|---------|------------------------|----------------------------|------|-------------------|----------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1       | * 1.306                | 44.81                      | PK2  | 28.9              | -25.2                      | 48.51                                | -                     | -              | 74                     | -25.49               | 89                | 399            | H        |
|         | * 1.306                | 32.38                      | MAv1 | 28.9              | -25.2                      | 36.08                                | 54                    | -17.92         | -                      | -                    | 89                | 399            | H        |
| 6       | * 8.373                | 37.89                      | PK2  | 36.5              | -24.7                      | 49.69                                | -                     | -              | 74                     | -24.31               | 63                | 125            | V        |
|         | * 8.373                | 25.75                      | MAv1 | 36.5              | -24.7                      | 37.55                                | 54                    | -16.45         | -                      | -                    | 63                | 125            | V        |
| 4       | 1.869                  | 43.93                      | PK2  | 30.5              | -23.9                      | 50.53                                | -                     | -              | -                      | -                    | 9                 | 169            | V        |
| 2       | 1.912                  | 44.92                      | PK2  | 31                | -23.7                      | 52.22                                | -                     | -              | -                      | -                    | 40                | 337            | H        |
| 5       | 7.023                  | 39.44                      | PK2  | 36.2              | -26.4                      | 49.24                                | -                     | -              | -                      | -                    | 278               | 363            | V        |
| 3       | 10.087                 | 36.01                      | PK2  | 37.6              | -22.5                      | 51.11                                | -                     | -              | -                      | -                    | 22                | 139            | H        |

\* - 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

| Markers | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl/Fitr/Pa<br>d (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       | * 1.295                | 45.29                      | PK2  | 28.9           | -25.3                     | 48.89                                | -                     | -              | 74                     | -25.11               | 40                | 266            | H        |
|         | * 1.295                | 32.46                      | MAv1 | 28.9           | -25.3                     | 36.06                                | 54                    | -17.94         | -                      | -                    | 40                | 266            | H        |
| 2       | * 1.415                | 44.6                       | PK2  | 28.6           | -25                       | 48.2                                 | -                     | -              | 74                     | -25.8                | 355               | 400            | H        |
|         | * 1.413                | 32.09                      | MAv1 | 28.6           | -25                       | 35.69                                | 54                    | -18.31         | -                      | -                    | 355               | 400            | H        |
| 4       | * 1.249                | 44.73                      | PK2  | 28.4           | -25.4                     | 47.73                                | -                     | -              | 74                     | -26.27               | 113               | 301            | V        |
|         | * 1.248                | 32.52                      | MAv1 | 28.4           | -25.4                     | 35.52                                | 54                    | -18.48         | -                      | -                    | 113               | 301            | V        |
| 3       | * 4.689                | 42.81                      | PK2  | 34.4           | -29.1                     | 48.11                                | -                     | -              | 74                     | -25.89               | 270               | 345            | H        |
|         | * 4.689                | 30.06                      | MAv1 | 34.4           | -29.1                     | 35.36                                | 54                    | -18.64         | -                      | -                    | 270               | 345            | H        |
| 6       | * 8.345                | 38.81                      | PK2  | 36.5           | -25.2                     | 50.11                                | -                     | -              | 74                     | -23.89               | 258               | 137            | V        |
|         | * 8.348                | 26.12                      | MAv1 | 36.5           | -25                       | 37.62                                | 54                    | -16.38         | -                      | -                    | 258               | 137            | V        |
| 5       | 1.943                  | 43.39                      | PK2  | 31.4           | -23.6                     | 51.19                                | -                     | -              | -                      | -                    | 101               | 371            | V        |

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

PK2 - KDB558074 Method: Maximum Peak

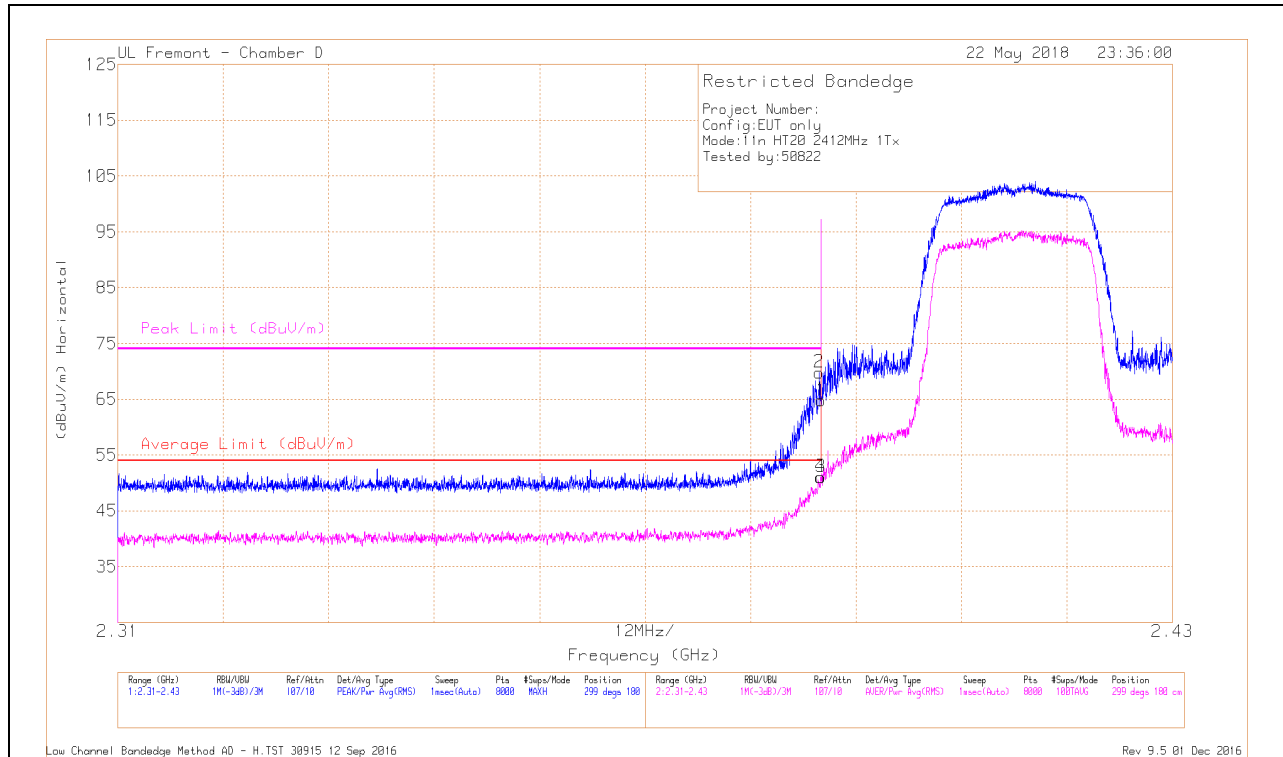
MAv1 - KDB558074 Option 1 Maximum RMS Average

## 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



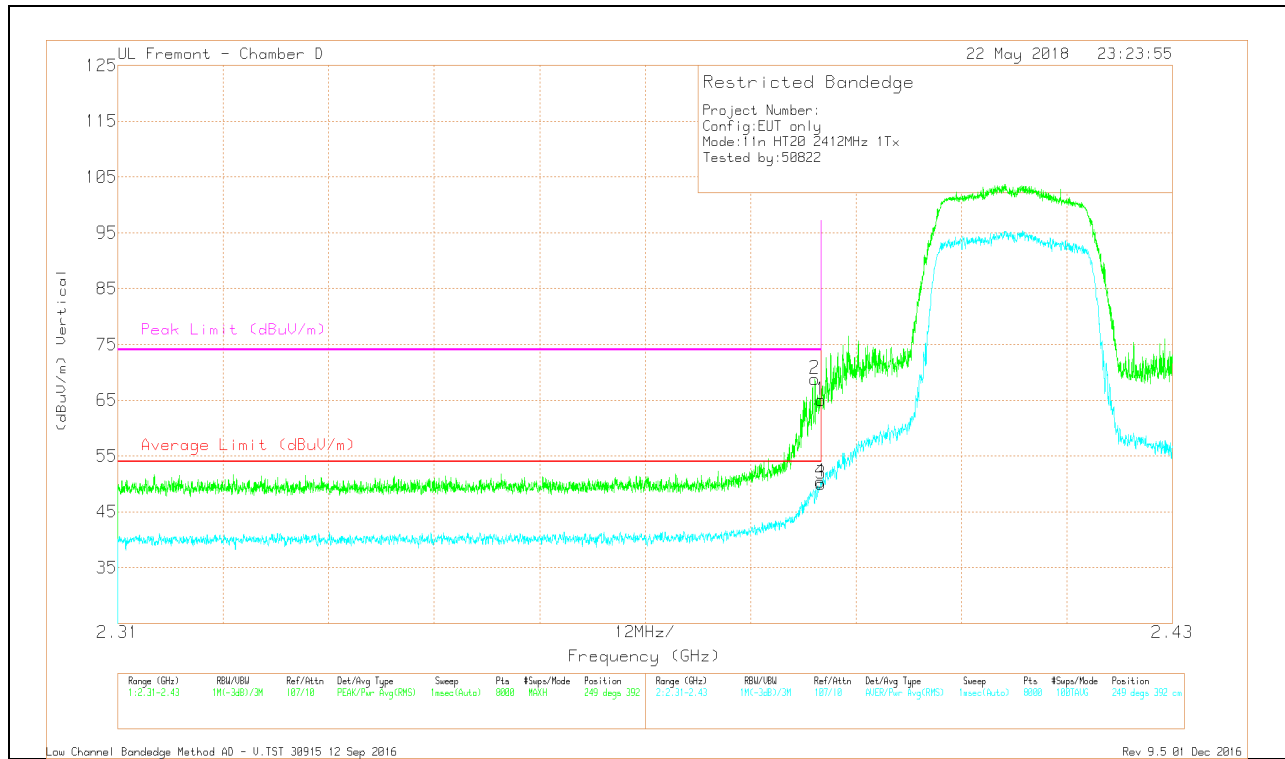
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 53.41                | Pk  | 31.9           | -20.5                   | 64.81                      | -                      | -           | 74                  | -9.19          | 299            | 180         | H        |
| 2      | * 2.39          | 58.39                | Pk  | 31.9           | -20.5                   | 69.79                      | -                      | -           | 74                  | -4.21          | 299            | 180         | H        |
| 3      | * 2.39          | 39.65                | RMS | 31.9           | -20.5                   | 51.05                      | 54                     | -2.95       | -                   | -              | 299            | 180         | H        |
| 4      | * 2.39          | 39.6                 | RMS | 31.9           | -20.5                   | 51                         | 54                     | -3          | -                   | -              | 299            | 180         | 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         | 57.45                | Pk  | 31.9           | -20.5                  | 68.85                      | -                      | -           | 74                  | -5.15          | 249            | 392         | V        |
| 1      | * 2.39          | 53.64                | Pk  | 31.9           | -20.5                  | 65.04                      | -                      | -           | 74                  | -8.96          | 249            | 392         | V        |
| 3      | * 2.39          | 38.7                 | RMS | 31.9           | -20.5                  | 50.1                       | 54                     | -3.9        | -                   | -              | 249            | 392         | V        |
| 4      | * 2.39          | 39.05                | RMS | 31.9           | -20.5                  | 50.45                      | 54                     | -3.55       | -                   | -              | 249            | 392         | V        |

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

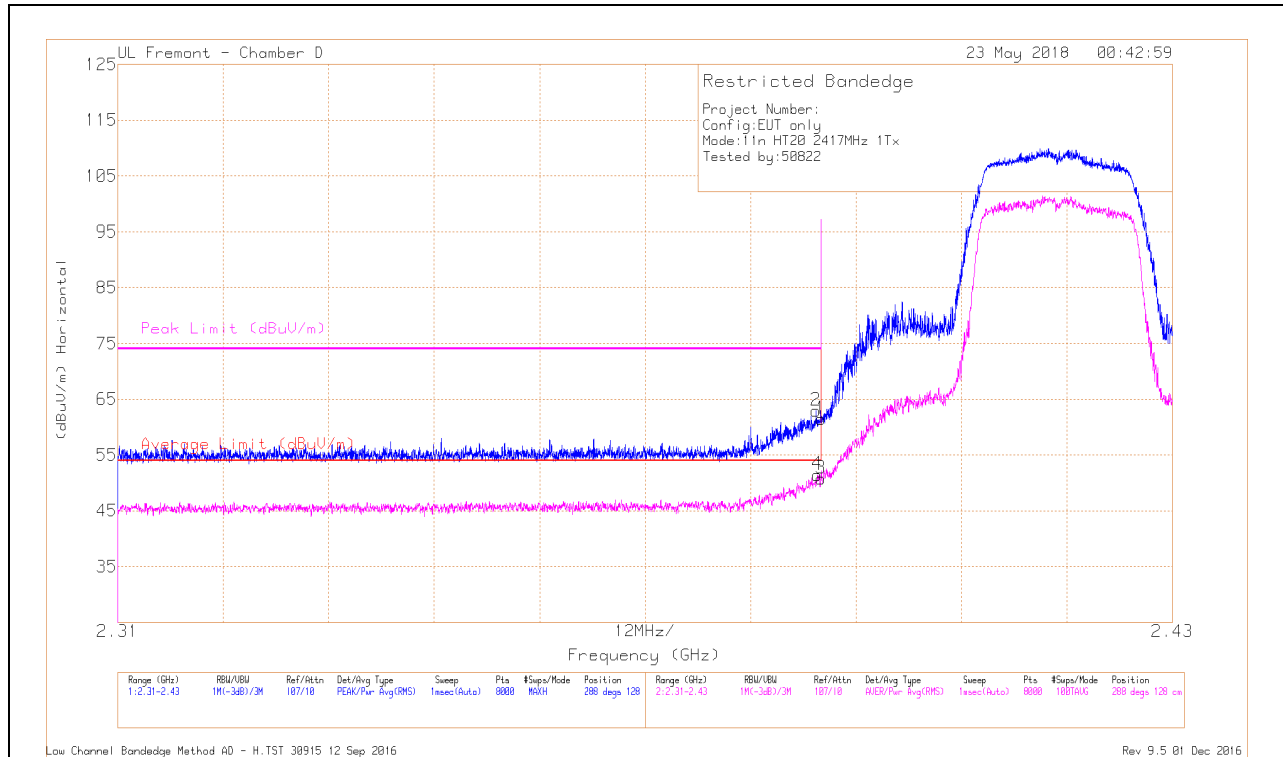
Pk - Peak detector

RMS - RMS detection



## BANDEGE (LOW CHANNEL, CH 2)

### HORIZONTAL RESULT



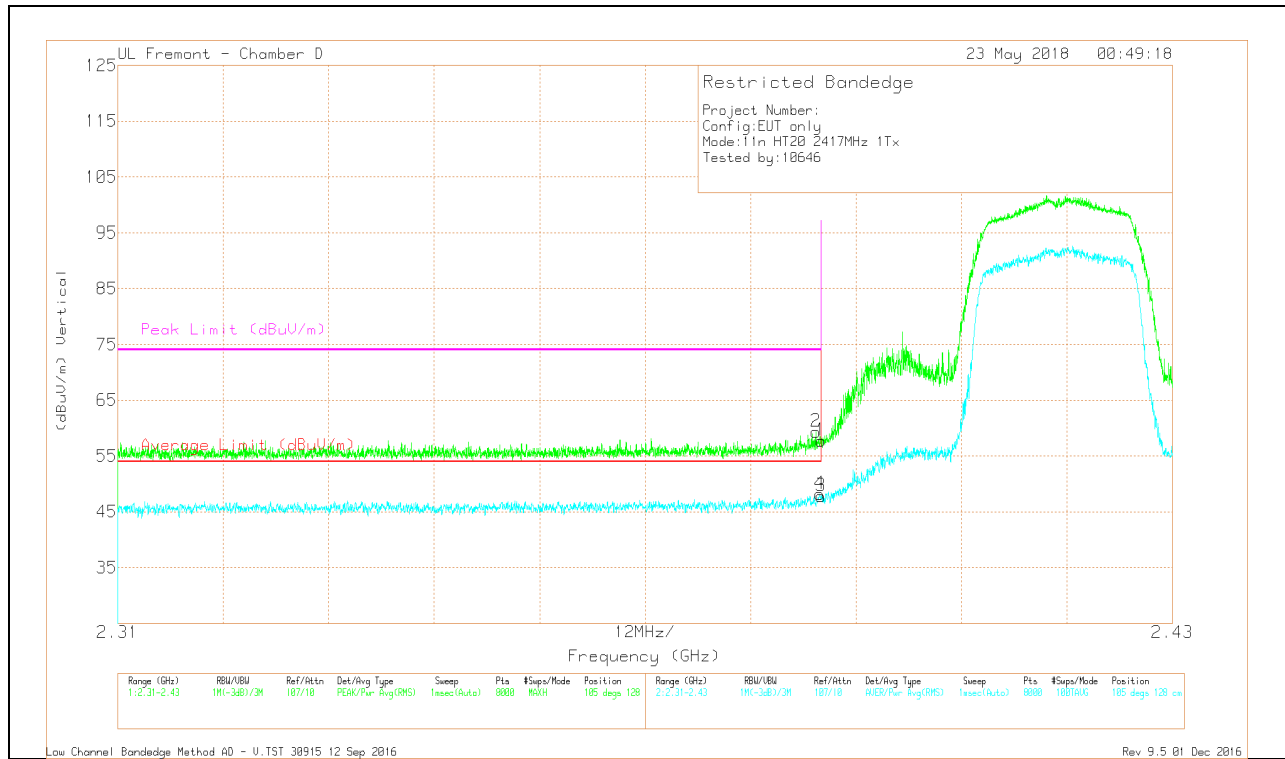
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.389         | 51.59                | Pk  | 31.9           | -20.5                   | 62.99                      | -                      | -           | 74                  | -11.01         | 288            | 128         | H        |
| 1      | * 2.39          | 50.08                | Pk  | 31.9           | -20.5                   | 61.48                      | -                      | -           | 74                  | -12.52         | 288            | 128         | H        |
| 3      | * 2.39          | 39.44                | RMS | 31.9           | -20.5                   | 50.84                      | 54                     | -3.16       | -                   | -              | 288            | 128         | H        |
| 4      | * 2.39          | 40.07                | RMS | 31.9           | -20.5                   | 51.47                      | 54                     | -2.53       | -                   | -              | 288            | 128         | 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         | 48.01                | Pk  | 31.9           | -20.5                  | 59.41                      | -                      | -           | 74                  | -14.59         | 105            | 128         | V        |
| 1      | * 2.39          | 46.34                | Pk  | 31.9           | -20.5                  | 57.74                      | -                      | -           | 74                  | -16.26         | 105            | 128         | V        |
| 3      | * 2.39          | 36.45                | RMS | 31.9           | -20.5                  | 47.85                      | 54                     | -6.15       | -                   | -              | 105            | 128         | V        |
| 4      | * 2.39          | 36.8                 | RMS | 31.9           | -20.5                  | 48.2                       | 54                     | -5.8        | -                   | -              | 105            | 128         | V        |

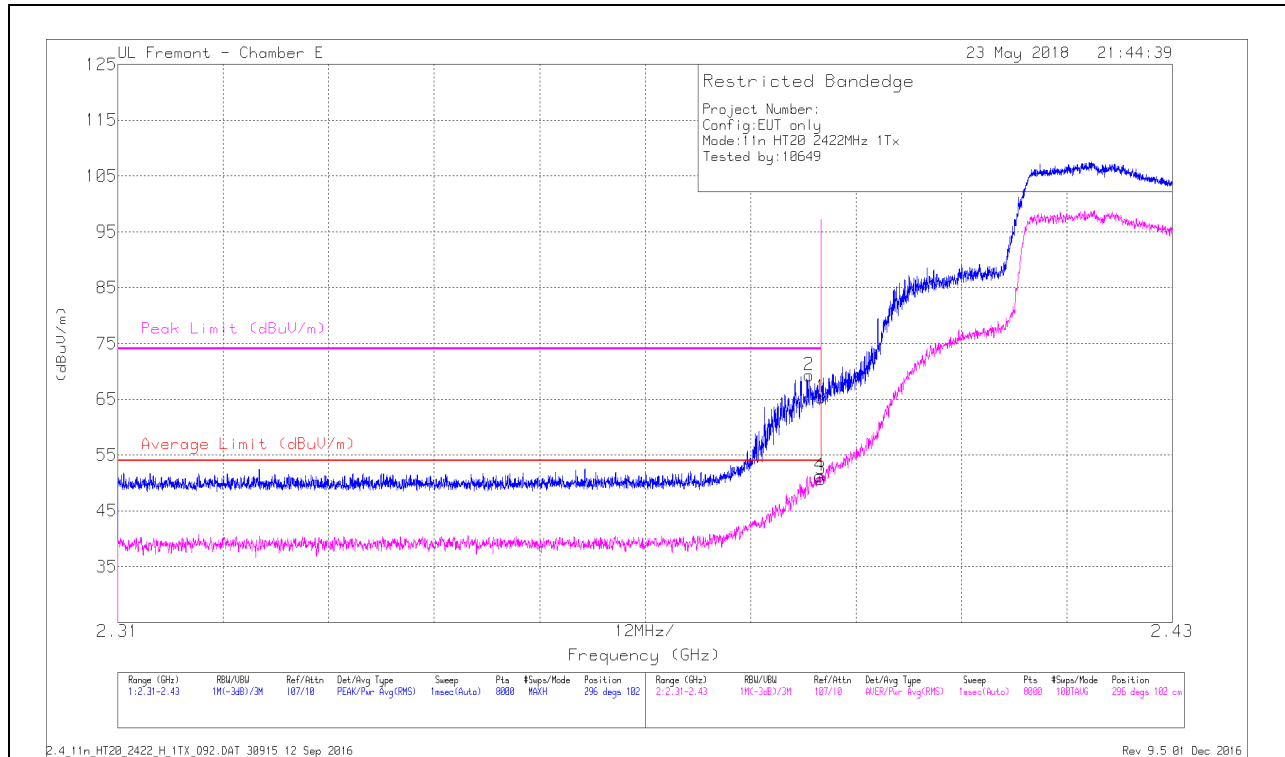
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



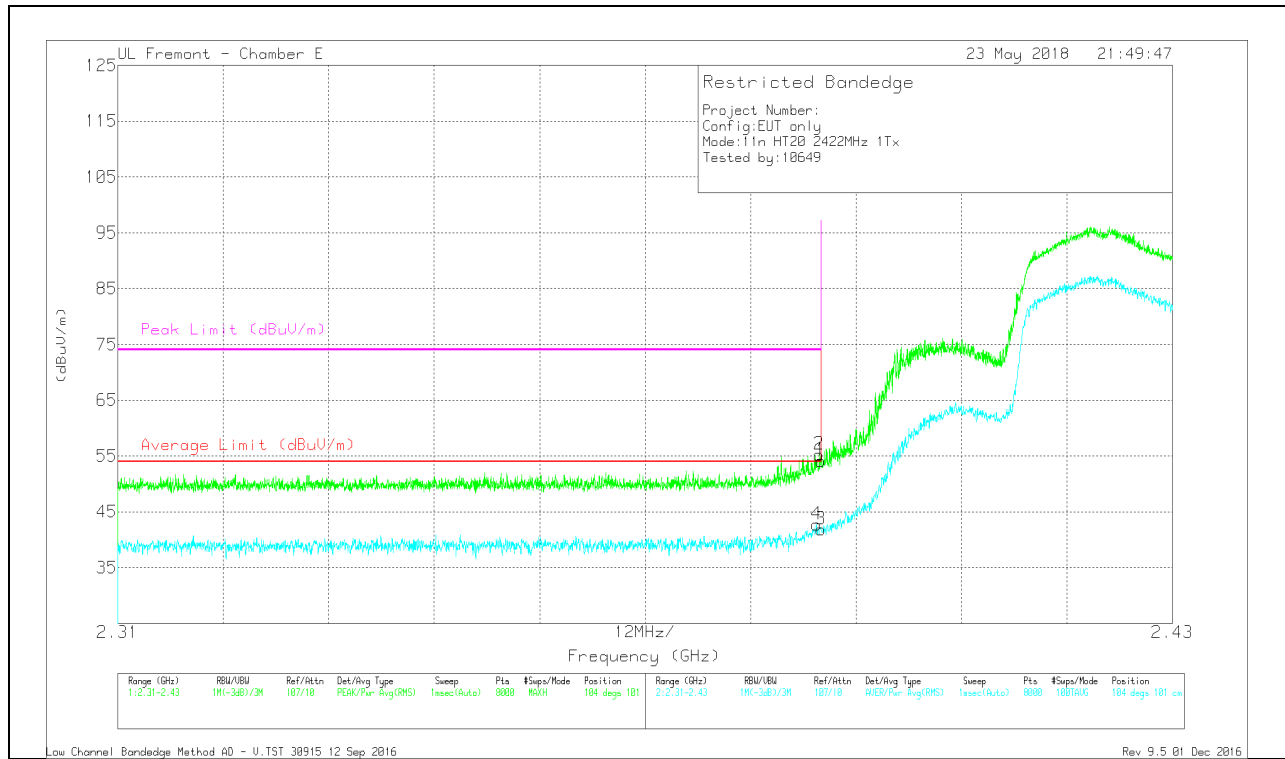
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.88                | Pk  | 32             | -22.6                    | 65.28                      | -                      | -           | 74                  | -8.72          | 296            | 102         | H        |
| 2      | * 2.389         | 59.96                | Pk  | 31.9           | -22.6                    | 69.26                      | -                      | -           | 74                  | -4.74          | 296            | 102         | H        |
| 3      | * 2.39          | 41.31                | RMS | 32             | -22.6                    | 50.71                      | 54                     | -3.29       | -                   | -              | 296            | 102         | H        |
| 4      | * 2.39          | 41.86                | RMS | 32             | -22.6                    | 51.26                      | 54                     | -2.74       | -                   | -              | 296            | 102         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | 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          | 44.72                | Pk  | 32            | -22.6                   | 54.12                      | -                      | -           | 74                  | -19.88         | 104            | 101         | V        |
| 2      | * 2.39          | 45.88                | Pk  | 32            | -22.6                   | 55.28                      | -                      | -           | 74                  | -18.72         | 104            | 101         | V        |
| 3      | * 2.39          | 32.42                | RMS | 32            | -22.6                   | 41.82                      | 54                     | -12.18      | -                   | -              | 104            | 101         | V        |
| 4      | * 2.389         | 33.27                | RMS | 32            | -22.6                   | 42.67                      | 54                     | -11.33      | -                   | -              | 104            | 101         | V        |

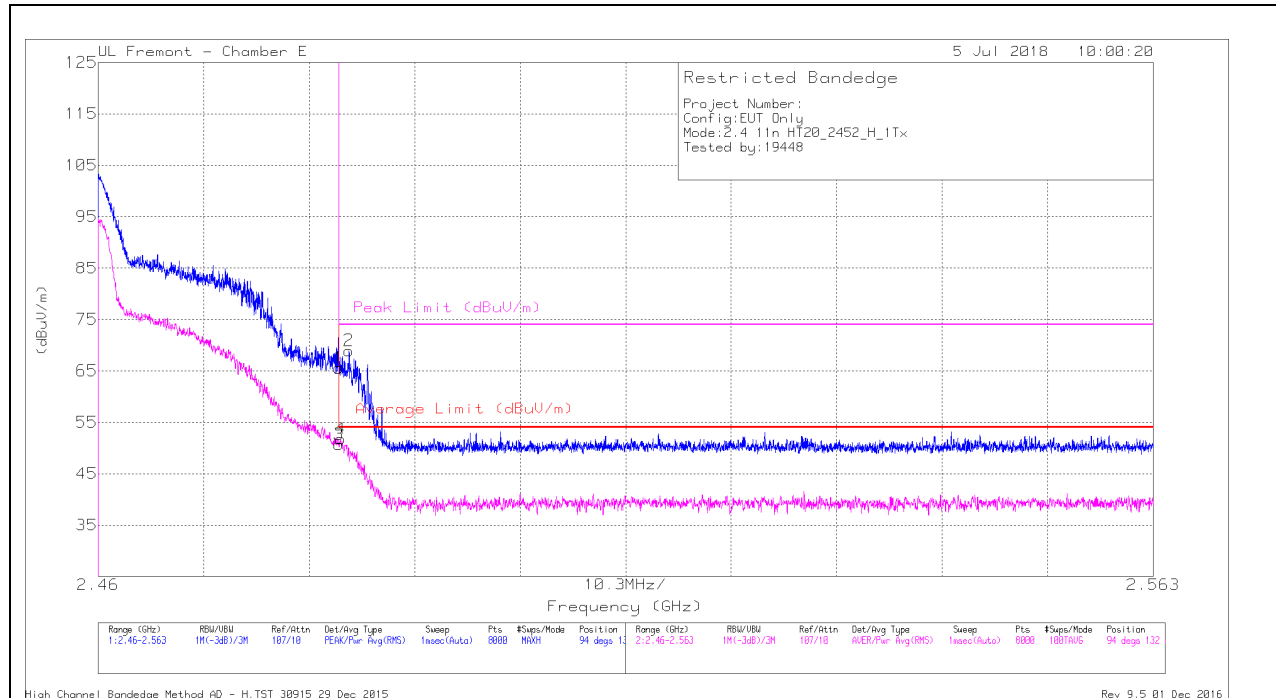
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



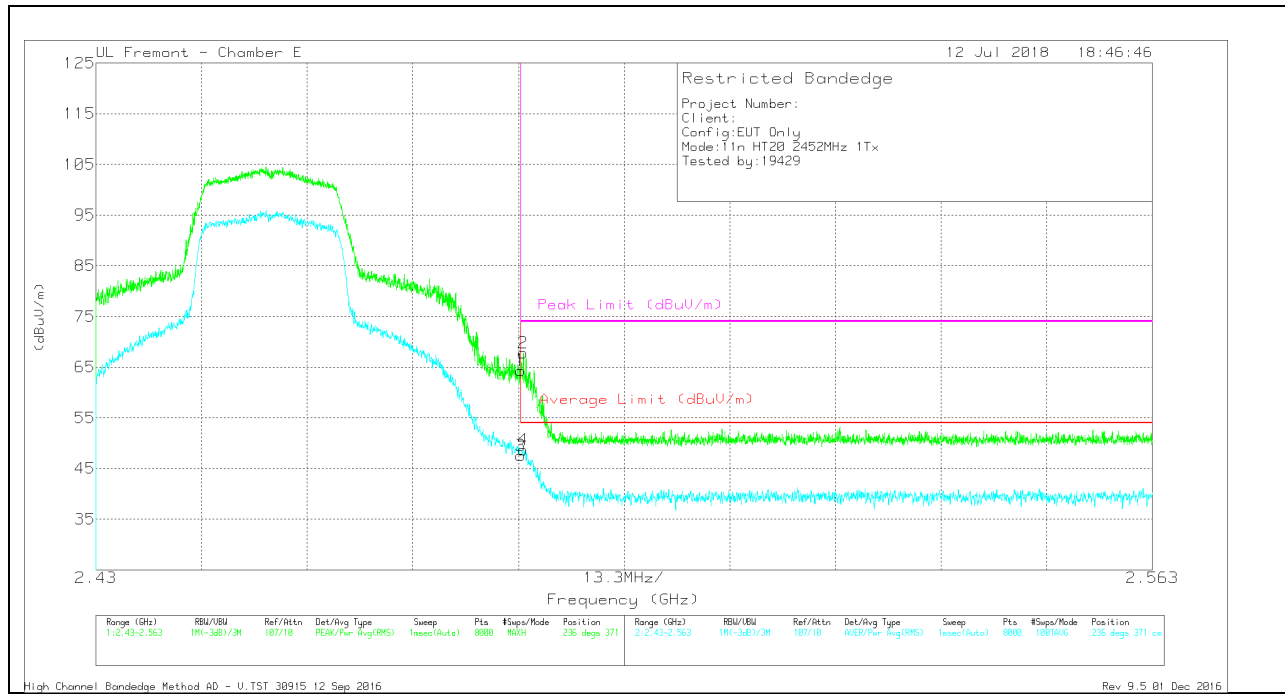
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.76                | Pk  | 32.1          | -22.3                  | 65.56                      | -                      | -           | 74                  | -8.44          | 94             | 132         | H        |
| 2      | * 2.485         | 59.13                | Pk  | 32.1          | -22.3                  | 68.93                      | -                      | -           | 74                  | -5.07          | 94             | 132         | H        |
| 3      | * 2.484         | 40.87                | RMS | 32.1          | -22.3                  | 50.67                      | 54                     | -3.33       | -                   | -              | 94             | 132         | H        |
| 4      | * 2.484         | 41.99                | RMS | 32.1          | -22.3                  | 51.79                      | 54                     | -2.21       | -                   | -              | 94             | 132         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.58                | Pk  | 32.1           | -22.3                 | 64.38                      | -                      | -           | 74                  | -9.62          | 236            | 371         | V        |
| 2      | * 2.484         | 58.04                | Pk  | 32.1           | -22.3                 | 67.84                      | -                      | -           | 74                  | -6.16          | 236            | 371         | V        |
| 3      | * 2.484         | 37.79                | RMS | 32.1           | -22.3                 | 47.59                      | 54                     | -6.41       | -                   | -              | 236            | 371         | V        |
| 4      | * 2.484         | 38.85                | RMS | 32.1           | -22.3                 | 48.65                      | 54                     | -5.35       | -                   | -              | 236            | 371         | V        |

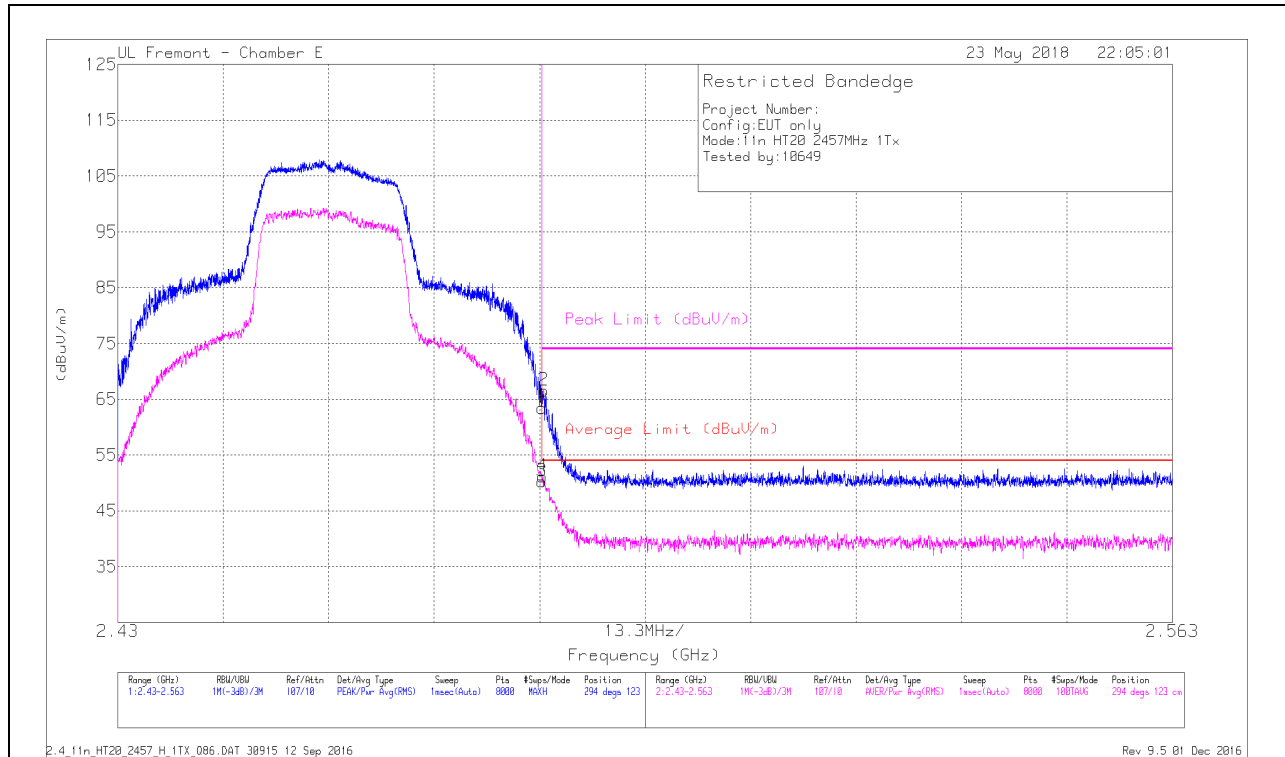
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



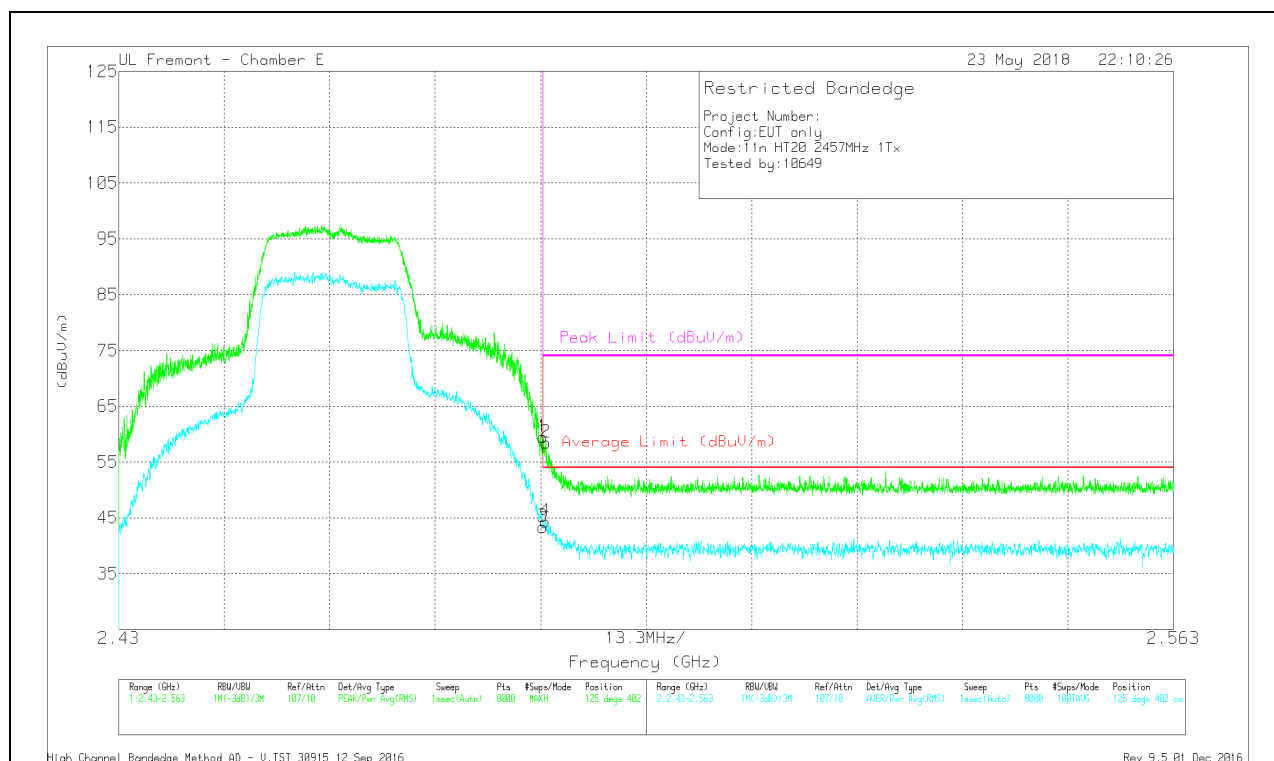
| Marker | Frequenc<br>y (GHz) | Meter<br>Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P<br>ad (dB) | Correcte<br>d Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|---------------------|-------------------------|-----|----------------|-----------------------------|--------------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484             | 53.65                   | Pk  | 32.1           | -22.3                       | 63.45                          | -                      | -           | 74                  | -10.55         | 294            | 123         | H        |
| 2      | * 2.484             | 56.71                   | Pk  | 32.1           | -22.3                       | 66.51                          | -                      | -           | 74                  | -7.49          | 294            | 123         | H        |
| 3      | * 2.484             | 40.51                   | RMS | 32.1           | -22.3                       | 50.31                          | 54                     | -3.69       | -                   | -              | 294            | 123         | H        |
| 4      | * 2.484             | 41.4                    | RMS | 32.1           | -22.3                       | 51.2                           | 54                     | -2.8        | -                   | -              | 294            | 123         | 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/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         | 49.72                | Pk  | 32.1          | -22.3                   | 59.52                      | -                      | -           | 74                  | -14.48         | 125            | 402         | V        |
| 2      | * 2.484         | 48.73                | Pk  | 32.1          | -22.3                   | 58.53                      | -                      | -           | 74                  | -15.47         | 125            | 402         | V        |
| 3      | * 2.484         | 33.49                | RMS | 32.1          | -22.3                   | 43.29                      | 54                     | -10.71      | -                   | -              | 125            | 402         | V        |
| 4      | * 2.484         | 34.52                | RMS | 32.1          | -22.3                   | 44.32                      | 54                     | -9.68       | -                   | -              | 125            | 402         | V        |

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

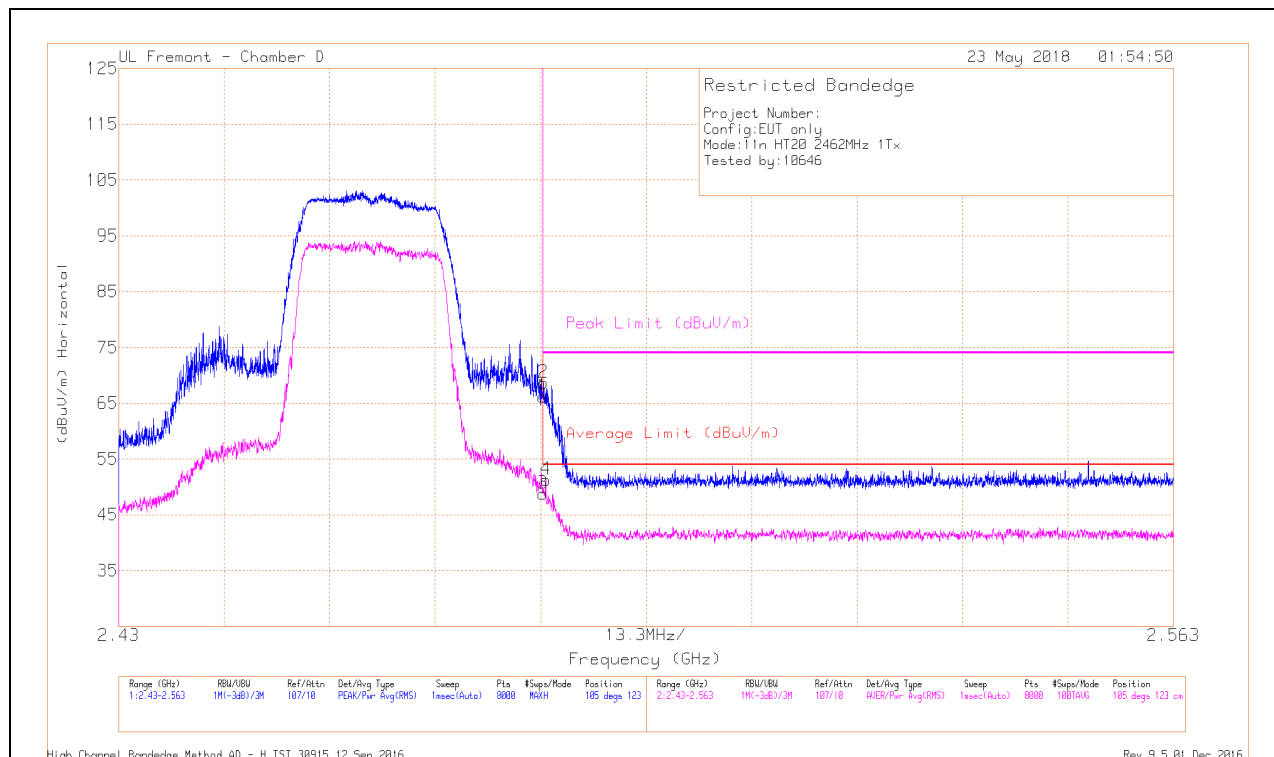
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



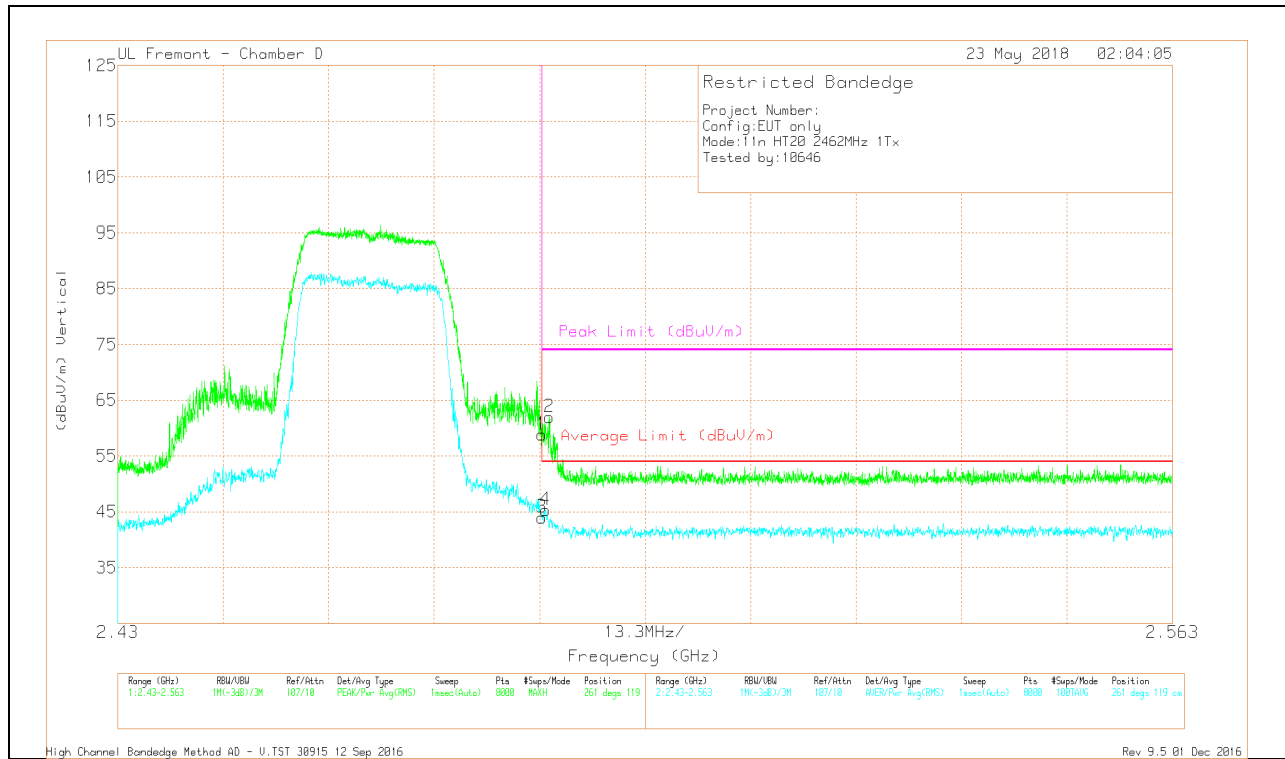
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.23                | Pk  | 32.4           | -20.4                   | 66.23                      | -                      | -           | 74                  | -7.77          | 105            | 123         | H        |
| 2      | * 2.484         | 56.76                | Pk  | 32.4           | -20.5                   | 68.66                      | -                      | -           | 74                  | -5.34          | 105            | 123         | H        |
| 3      | * 2.484         | 36.81                | RMS | 32.4           | -20.4                   | 48.81                      | 54                     | -5.19       | -                   | -              | 105            | 123         | H        |
| 4      | * 2.484         | 39.34                | RMS | 32.4           | -20.5                   | 51.24                      | 54                     | -2.76       | -                   | -              | 105            | 123         | 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         | 46.89                | Pk  | 32.4          | -20.4                  | 58.89                      | -                      | -           | 74                  | -15.11         | 261            | 119         | V        |
| 2      | * 2.484         | 50.02                | Pk  | 32.4          | -20.5                  | 61.92                      | -                      | -           | 74                  | -12.08         | 261            | 119         | V        |
| 3      | * 2.484         | 31.91                | RMS | 32.4          | -20.4                  | 43.91                      | 54                     | -10.09      | -                   | -              | 261            | 119         | V        |
| 4      | * 2.484         | 33.37                | RMS | 32.4          | -20.5                  | 45.27                      | 54                     | -8.73       | -                   | -              | 261            | 119         | V        |

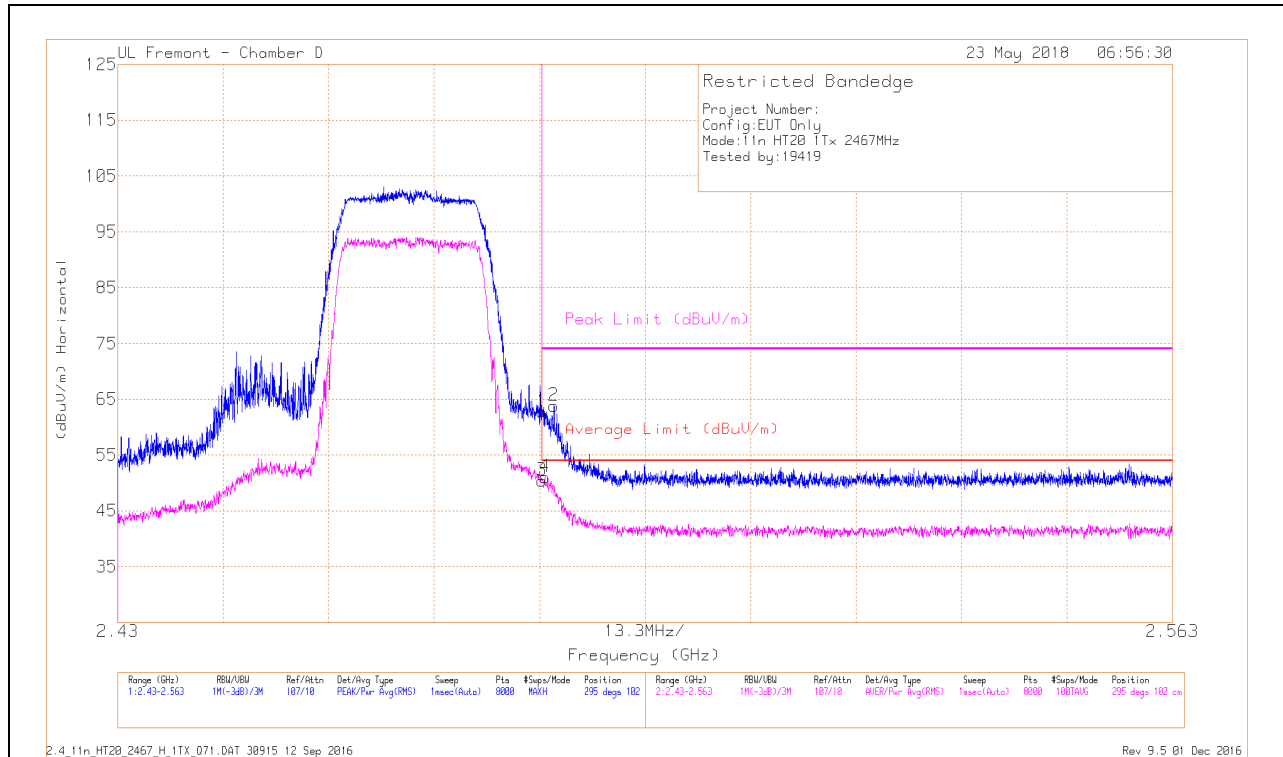
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



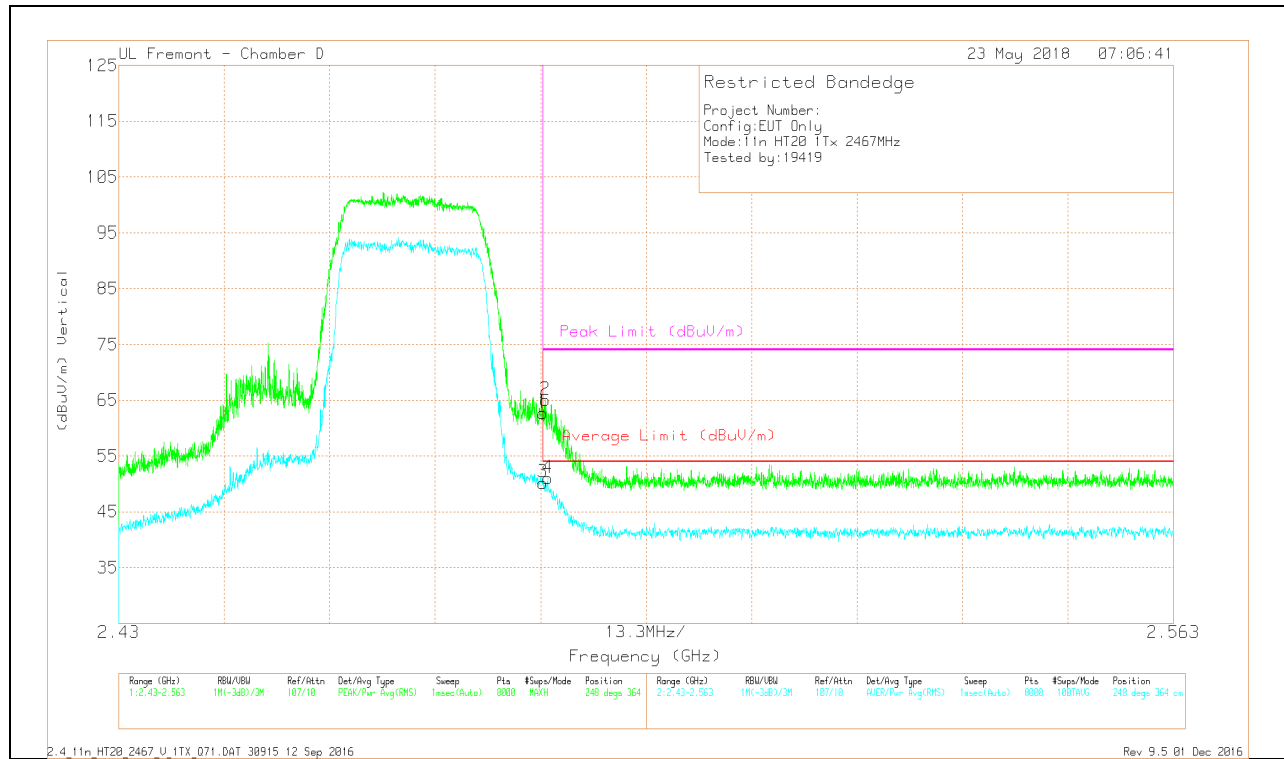
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.82                | Pk  | 32.4           | -20.4                    | 62.82                      | -                      | -           | 74                  | -11.18         | 295            | 102         | H        |
| 2      | * 2.485         | 51.91                | Pk  | 32.4           | -20.5                    | 63.81                      | -                      | -           | 74                  | -10.19         | 295            | 102         | H        |
| 3      | * 2.484         | 38.41                | RMS | 32.4           | -20.4                    | 50.41                      | 54                     | -3.59       | -                   | -              | 295            | 102         | H        |
| 4      | * 2.484         | 39.13                | RMS | 32.4           | -20.5                    | 51.03                      | 54                     | -2.97       | -                   | -              | 295            | 102         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (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         | 50.66                | Pk  | 32.4           | -20.4                   | 62.66                      | -                      | -           | 74                  | -11.34         | 248            | 364         | V        |
| 2      | * 2.484         | 53.11                | Pk  | 32.4           | -20.5                   | 65.01                      | -                      | -           | 74                  | -8.99          | 248            | 364         | V        |
| 3      | * 2.484         | 38.23                | RMS | 32.4           | -20.4                   | 50.23                      | 54                     | -3.77       | -                   | -              | 248            | 364         | V        |
| 4      | * 2.484         | 39.08                | RMS | 32.4           | -20.5                   | 50.98                      | 54                     | -3.02       | -                   | -              | 248            | 364         | V        |

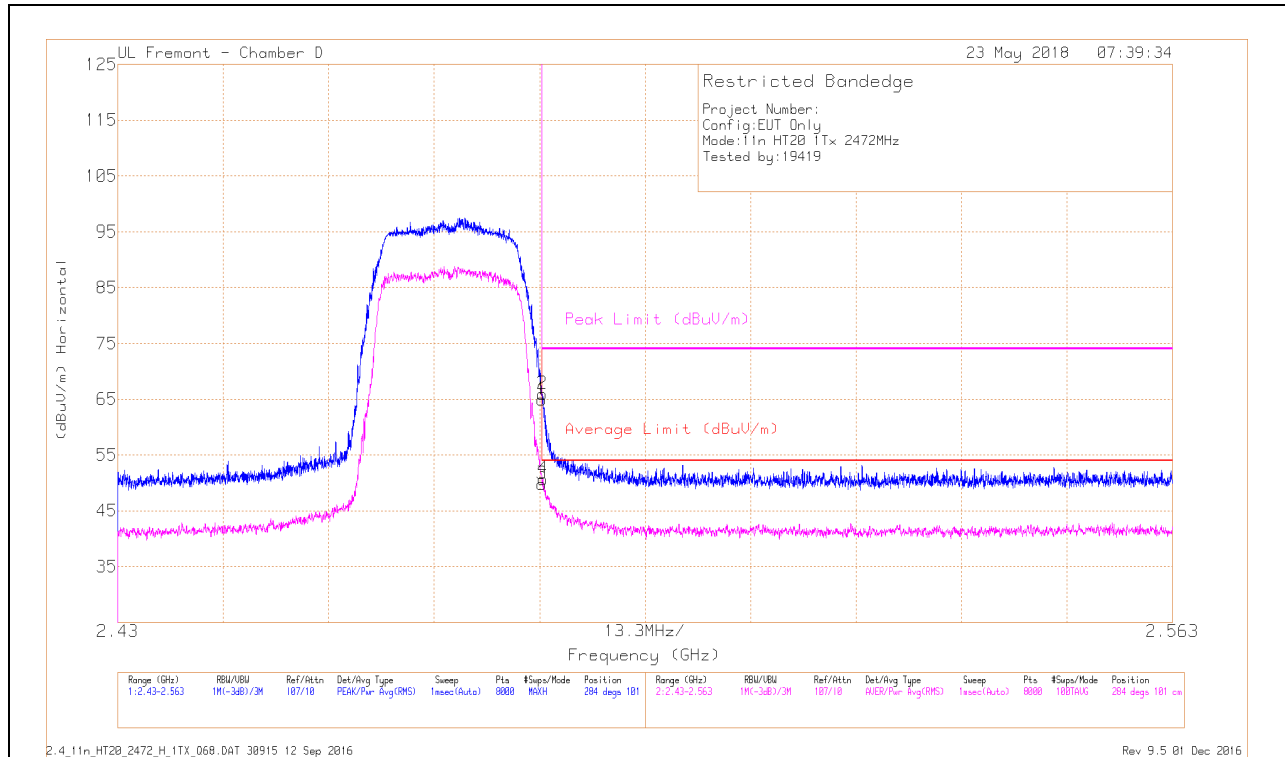
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



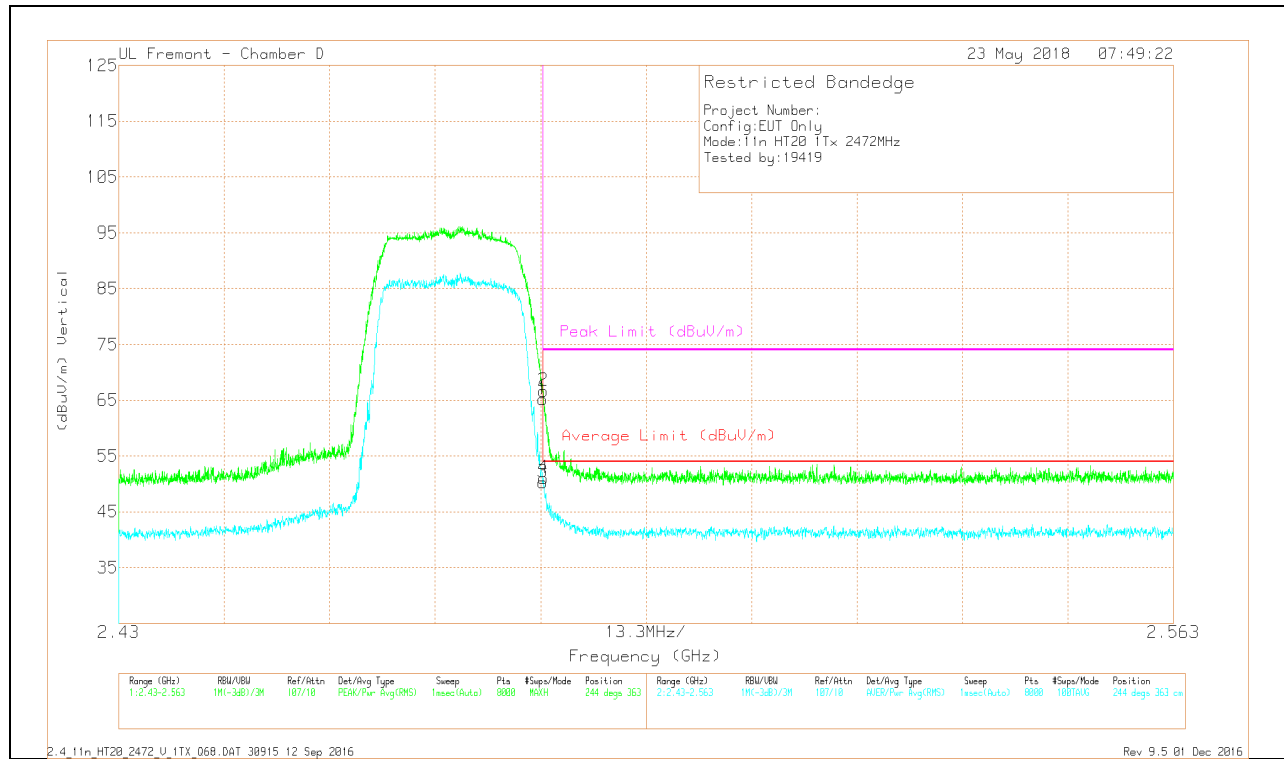
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 53                   | Pk  | 32.4           | -20.4                   | 65                         | -                      | -           | 74                  | -9             | 284            | 101         | H        |
| 2      | * 2.484         | 53.93                | Pk  | 32.4           | -20.4                   | 65.93                      | -                      | -           | 74                  | -8.07          | 284            | 101         | H        |
| 3      | * 2.484         | 37.78                | RMS | 32.4           | -20.4                   | 49.78                      | 54                     | -4.22       | -                   | -              | 284            | 101         | H        |
| 4      | * 2.484         | 38.81                | RMS | 32.4           | -20.5                   | 50.71                      | 54                     | -3.29       | -                   | -              | 284            | 101         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (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         | 53.14                | Pk  | 32.4           | -20.4                   | 65.14                      | -                      | -           | 74                  | -8.86          | 244            | 363         | V        |
| 2      | * 2.484         | 54.81                | Pk  | 32.4           | -20.5                   | 66.71                      | -                      | -           | 74                  | -7.29          | 244            | 363         | V        |
| 3      | * 2.484         | 38.32                | RMS | 32.4           | -20.4                   | 50.32                      | 54                     | -3.68       | -                   | -              | 244            | 363         | V        |
| 4      | * 2.484         | 39.11                | RMS | 32.4           | -20.5                   | 51.01                      | 54                     | -2.99       | -                   | -              | 244            | 363         | V        |

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

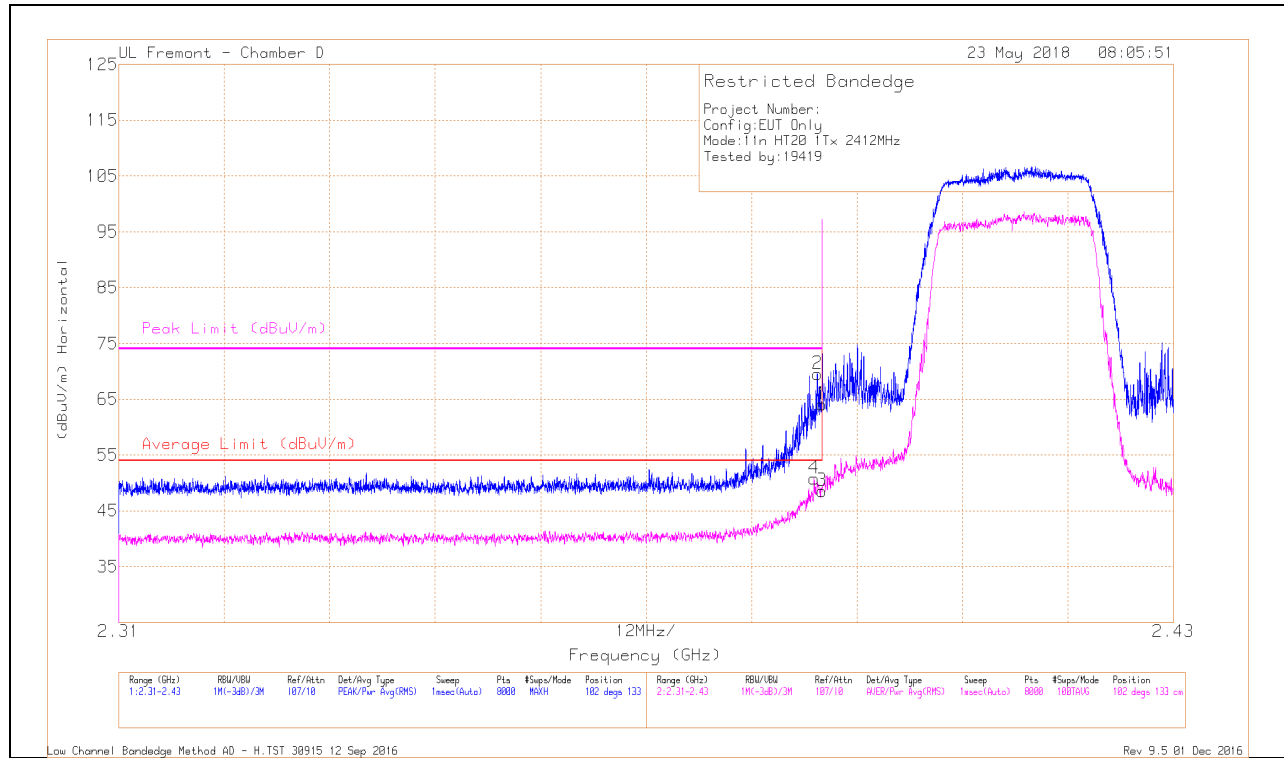
Pk - Peak detector

RMS - RMS detection

**1TX Antenna 5 MODE**

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

**HORIZONTAL RESULT**



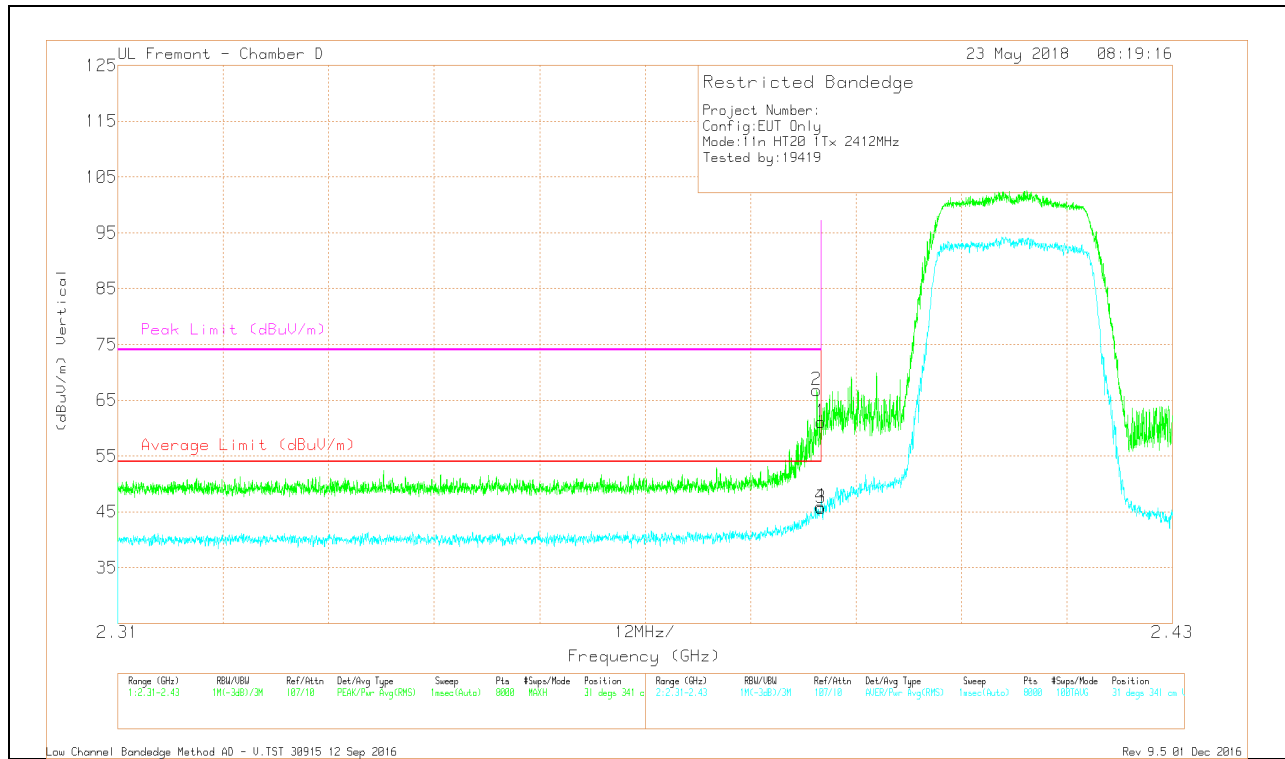
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.65                | Pk  | 31.9           | -20.5                    | 64.05                      | -                      | -           | 74                  | -9.95          | 102            | 133         | H        |
| 2      | * 2.389         | 58.18                | Pk  | 31.9           | -20.5                    | 69.58                      | -                      | -           | 74                  | -4.42          | 102            | 133         | H        |
| 3      | * 2.39          | 37.11                | RMS | 31.9           | -20.5                    | 48.51                      | 54                     | -5.49       | -                   | -              | 102            | 133         | H        |
| 4      | * 2.389         | 39.44                | RMS | 31.9           | -20.5                    | 50.84                      | 54                     | -3.16       | -                   | -              | 102            | 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 T136 (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          | 49.66                | Pk  | 31.9           | -20.5                   | 61.06                      | -                      | -           | 74                  | -12.94         | 31             | 341         | V        |
| 2      | * 2.39          | 55.39                | Pk  | 31.9           | -20.5                   | 66.79                      | -                      | -           | 74                  | -7.21          | 31             | 341         | V        |
| 3      | * 2.39          | 34.29                | RMS | 31.9           | -20.5                   | 45.69                      | 54                     | -8.31       | -                   | -              | 31             | 341         | V        |
| 4      | * 2.39          | 34.56                | RMS | 31.9           | -20.5                   | 45.96                      | 54                     | -8.04       | -                   | -              | 31             | 341         | V        |

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

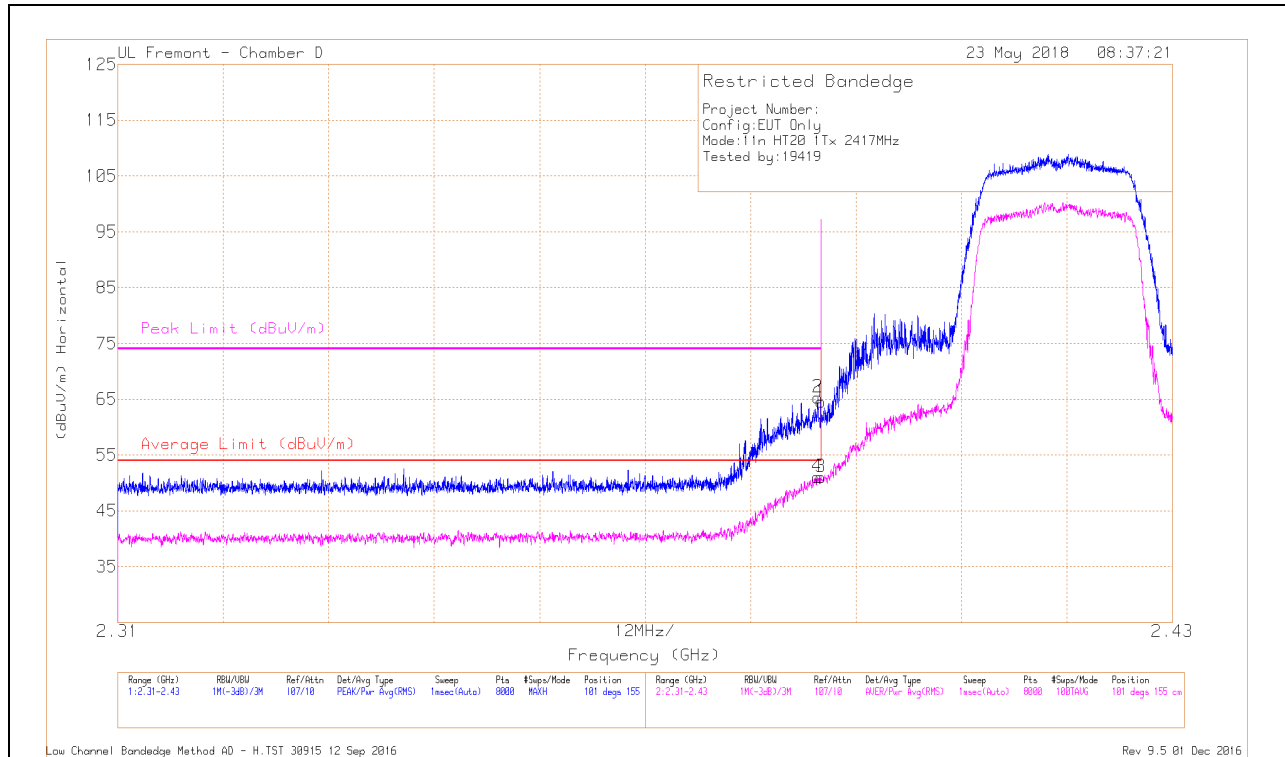
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



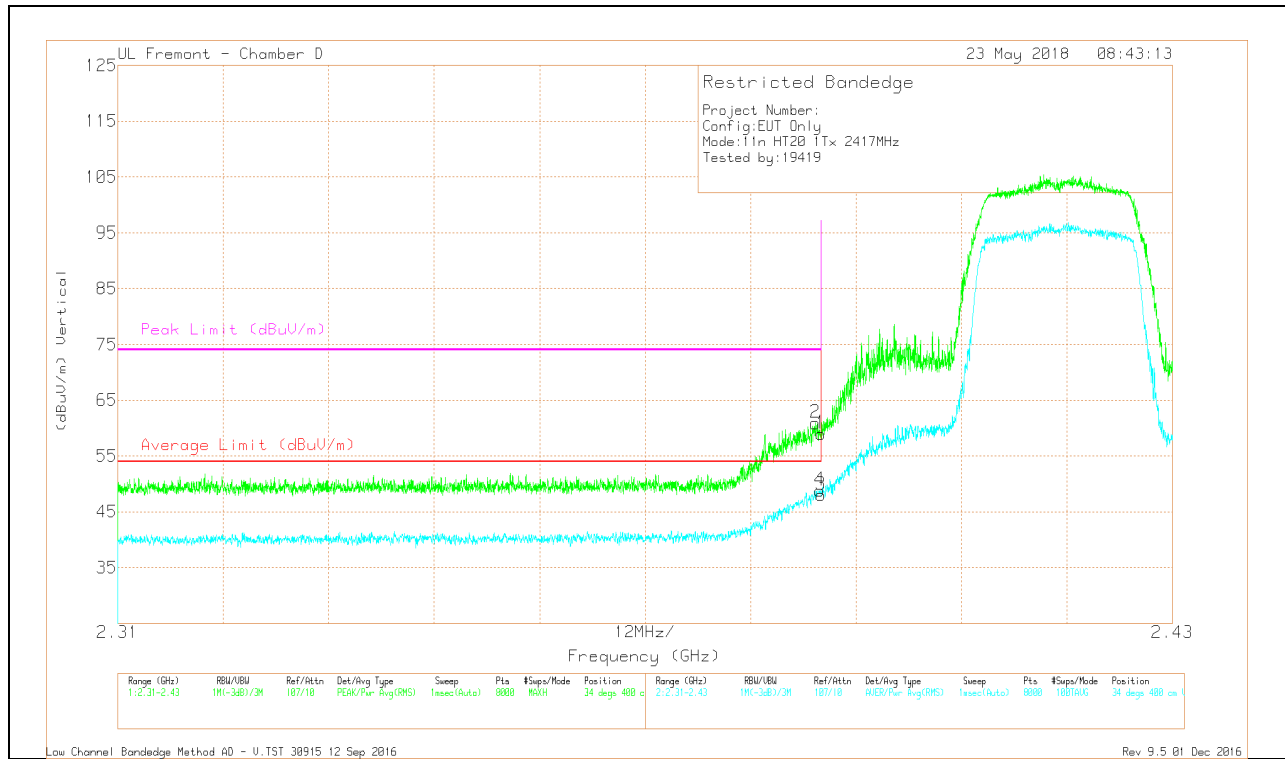
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 53.12                | Pk  | 31.9           | -20.5                   | 64.52                      | -                      | -           | 74                  | -9.48          | 101            | 155         | H        |
| 2      | * 2.39          | 53.9                 | Pk  | 31.9           | -20.5                   | 65.3                       | -                      | -           | 74                  | -8.7           | 101            | 155         | H        |
| 3      | * 2.39          | 39.63                | RMS | 31.9           | -20.5                   | 51.03                      | 54                     | -2.97       | -                   | -              | 101            | 155         | H        |
| 4      | * 2.39          | 39.58                | RMS | 31.9           | -20.5                   | 50.98                      | 54                     | -3.02       | -                   | -              | 101            | 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 T136 (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 |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.389         | 49.51                | Pk  | 31.9           | -20.5                   | 60.91                      | -                      | -           | 74                  | -13.09         | 34             | 400         | V        |
| 1      | * 2.39          | 47.64                | Pk  | 31.9           | -20.5                   | 59.04                      | -                      | -           | 74                  | -14.96         | 34             | 400         | V        |
| 3      | * 2.39          | 36.62                | RMS | 31.9           | -20.5                   | 48.02                      | 54                     | -5.98       | -                   | -              | 34             | 400         | V        |
| 4      | * 2.39          | 37.46                | RMS | 31.9           | -20.5                   | 48.86                      | 54                     | -5.14       | -                   | -              | 34             | 400         | V        |

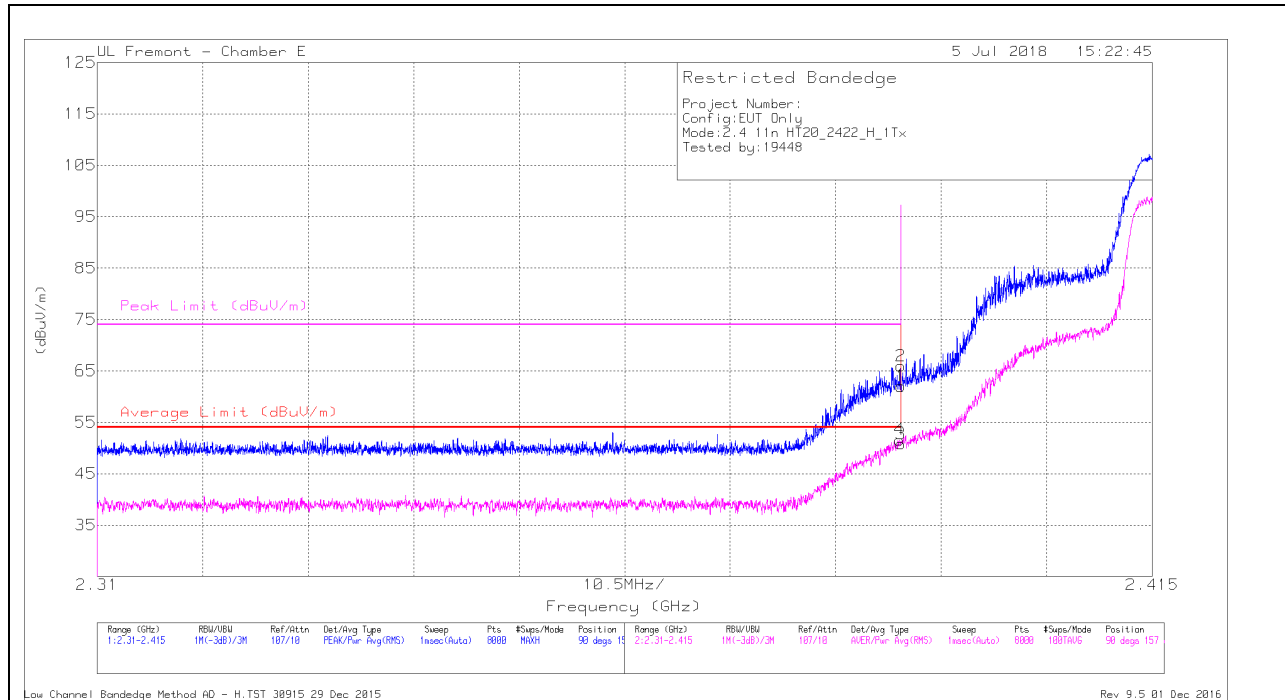
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



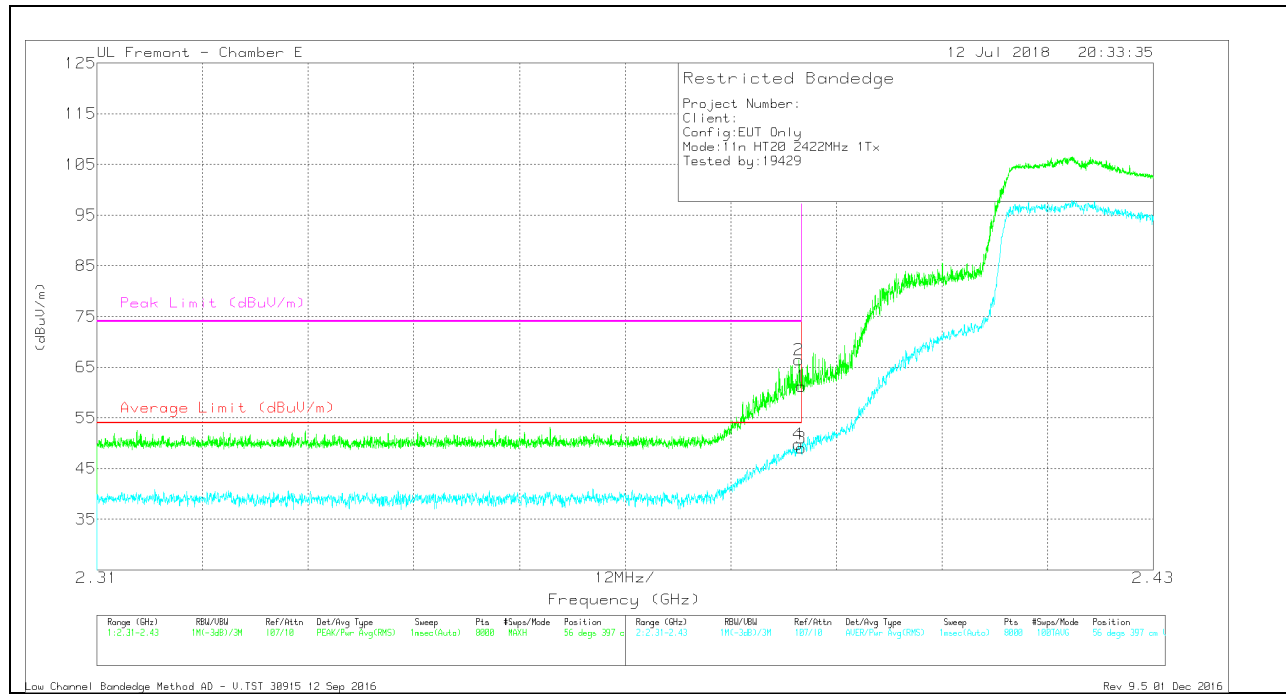
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cb/Filtz/Par d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.62                | Pk  | 32             | -22.6                   | 62.02                      | -                      | -           | 74                  | -11.98         | 90             | 157         | H        |
| 2      | * 2.39          | 56.57                | Pk  | 32             | -22.6                   | 65.97                      | -                      | -           | 74                  | -8.03          | 90             | 157         | H        |
| 3      | * 2.39          | 41.43                | RMS | 32             | -22.6                   | 50.83                      | 54                     | -3.17       | -                   | -              | 90             | 157         | H        |
| 4      | * 2.39          | 42.21                | RMS | 32             | -22.6                   | 51.61                      | 54                     | -2.39       | -                   | -              | 90             | 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 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 51.8                 | Pk  | 32             | -22.6                 | 61.2                       | -                      | -           | 74                  | -12.8          | 56             | 397         | V        |
| 2      | * 2.39          | 57                   | Pk  | 32             | -22.6                 | 66.4                       | -                      | -           | 74                  | -7.6           | 56             | 397         | V        |
| 3      | * 2.39          | 39.62                | RMS | 32             | -22.6                 | 49.02                      | 54                     | -4.98       | -                   | -              | 56             | 397         | V        |
| 4      | * 2.39          | 40.41                | RMS | 32             | -22.6                 | 49.81                      | 54                     | -4.19       | -                   | -              | 56             | 397         | V        |

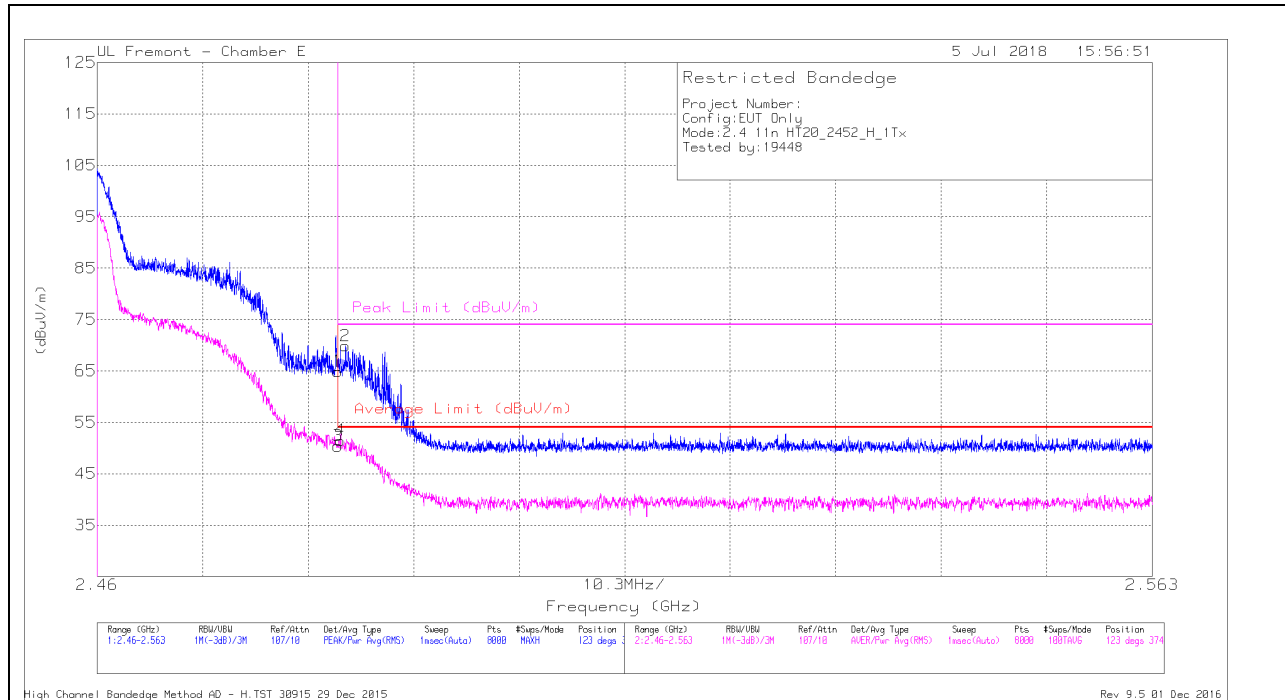
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



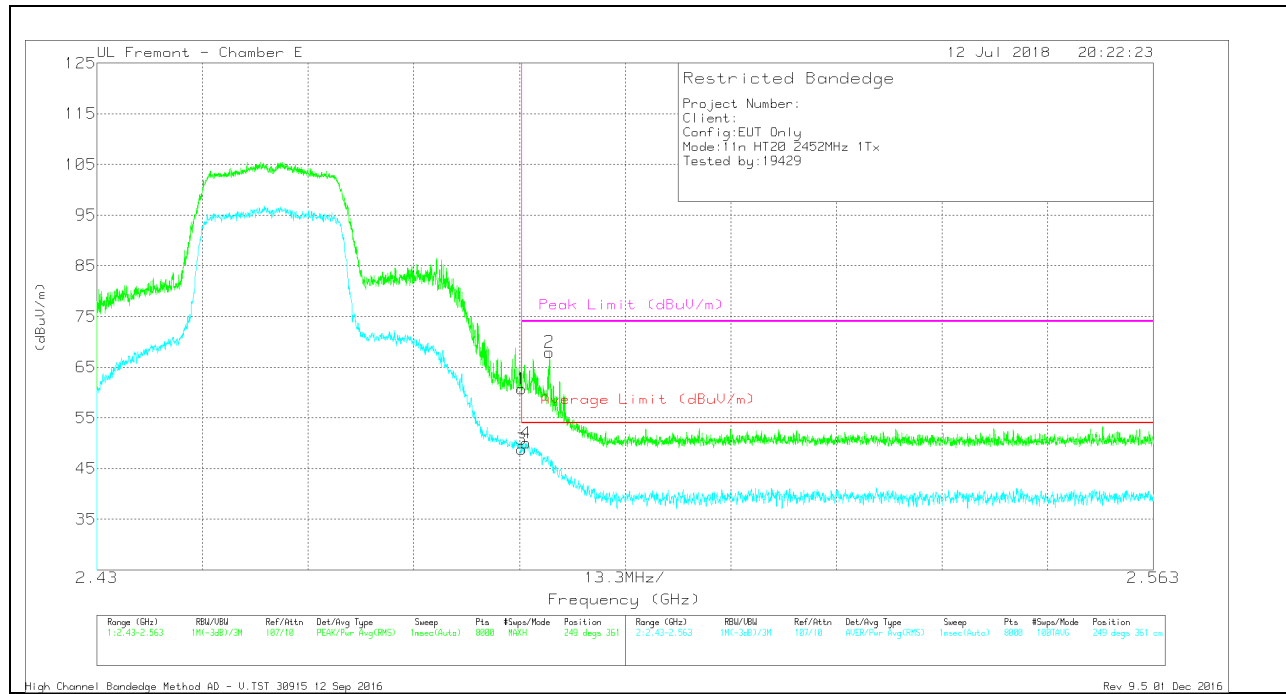
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cb/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.1                 | Pk  | 32.1          | -22.3                 | 64.9                       | -                      | -           | 74                  | -9.1           | 123            | 374         | H        |
| 2      | * 2.484         | 60.06                | Pk  | 32.1          | -22.3                 | 69.86                      | -                      | -           | 74                  | -4.14          | 123            | 374         | H        |
| 3      | * 2.484         | 40.6                 | RMS | 32.1          | -22.3                 | 50.4                       | 54                     | -3.6        | -                   | -              | 123            | 374         | H        |
| 4      | * 2.484         | 41.69                | RMS | 32.1          | -22.3                 | 51.49                      | 54                     | -2.51       | -                   | -              | 123            | 374         | 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/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         | 50.93                | Pk  | 32.1           | -22.3                   | 60.73                      | -                      | -           | 74                  | -13.27         | 249            | 361         | V        |
| 2      | * 2.487         | 58.28                | Pk  | 32.1           | -22.4                   | 67.98                      | -                      | -           | 74                  | -6.02          | 249            | 361         | V        |
| 3      | * 2.484         | 39.05                | RMS | 32.1           | -22.3                   | 48.85                      | 54                     | -5.15       | -                   | -              | 249            | 361         | V        |
| 4      | * 2.484         | 40.28                | RMS | 32.1           | -22.3                   | 50.08                      | 54                     | -3.92       | -                   | -              | 249            | 361         | V        |

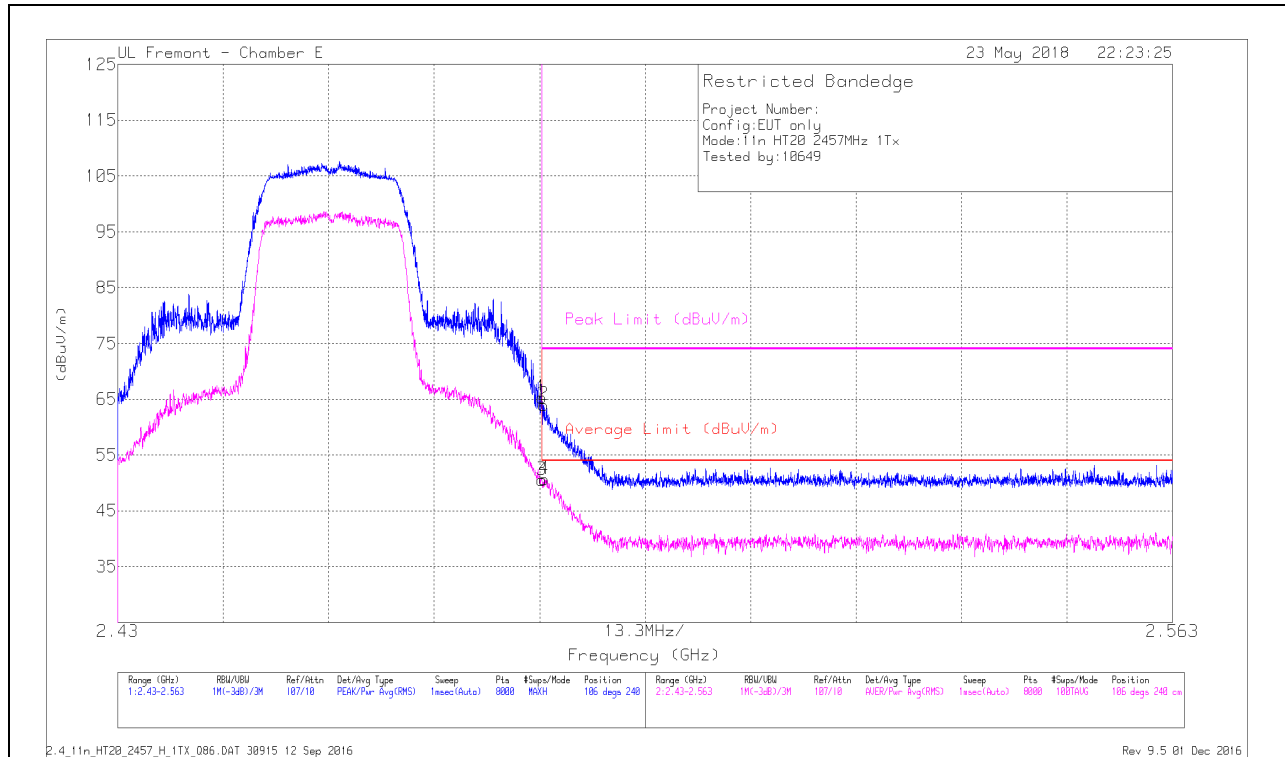
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



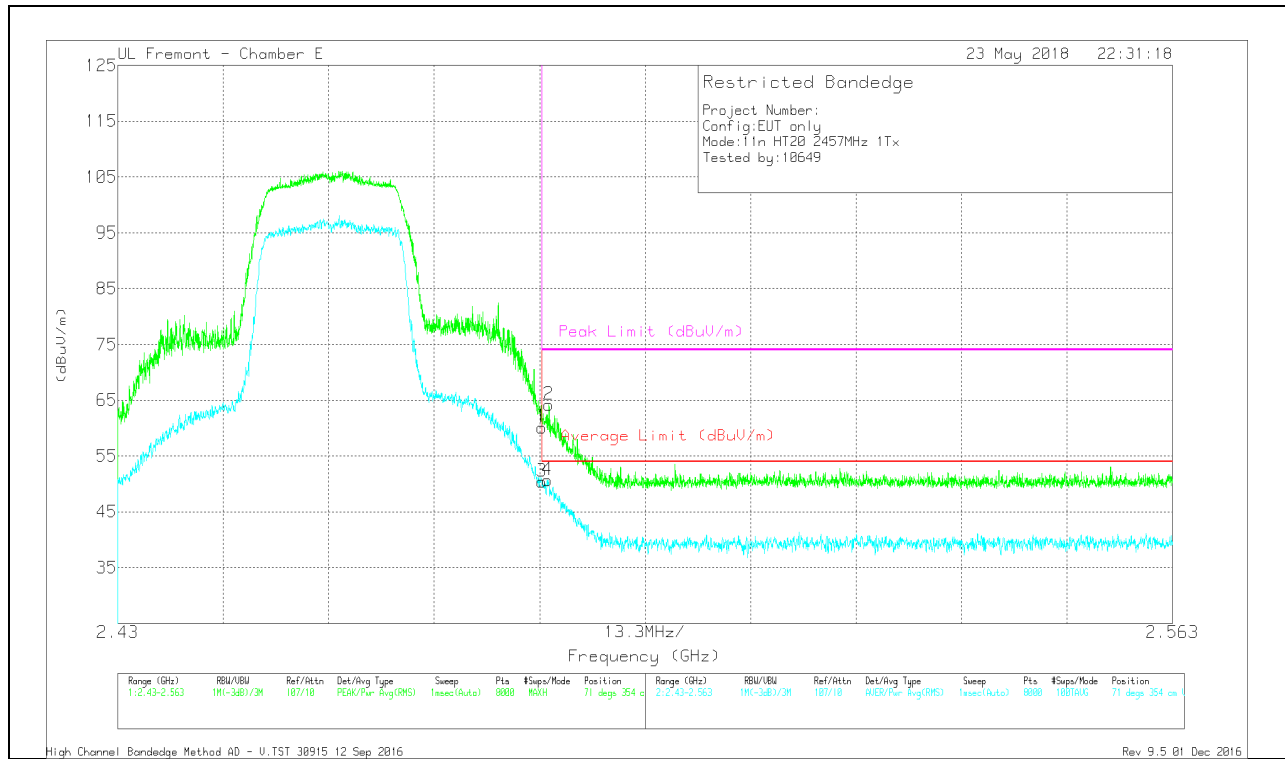
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.48                | Pk  | 32.1          | -22.3                   | 65.28                      | -                      | -           | 74                  | -8.72          | 106            | 240         | H        |
| 2      | * 2.484         | 54.21                | Pk  | 32.1          | -22.3                   | 64.01                      | -                      | -           | 74                  | -9.99          | 106            | 240         | H        |
| 3      | * 2.484         | 40.78                | RMS | 32.1          | -22.3                   | 50.58                      | 54                     | -3.42       | -                   | -              | 106            | 240         | H        |
| 4      | * 2.484         | 40.81                | RMS | 32.1          | -22.3                   | 50.61                      | 54                     | -3.39       | -                   | -              | 106            | 240         | 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         | 50.36                | Pk  | 32.1           | -22.3                    | 60.16                      | -                      | -           | 74                  | -13.84         | 71             | 354         | V        |
| 2      | * 2.484         | 54.36                | Pk  | 32.1           | -22.3                    | 64.16                      | -                      | -           | 74                  | -9.84          | 71             | 354         | V        |
| 3      | * 2.484         | 40.56                | RMS | 32.1           | -22.3                    | 50.36                      | 54                     | -3.64       | -                   | -              | 71             | 354         | V        |
| 4      | * 2.484         | 40.91                | RMS | 32.1           | -22.3                    | 50.71                      | 54                     | -3.29       | -                   | -              | 71             | 354         | V        |

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

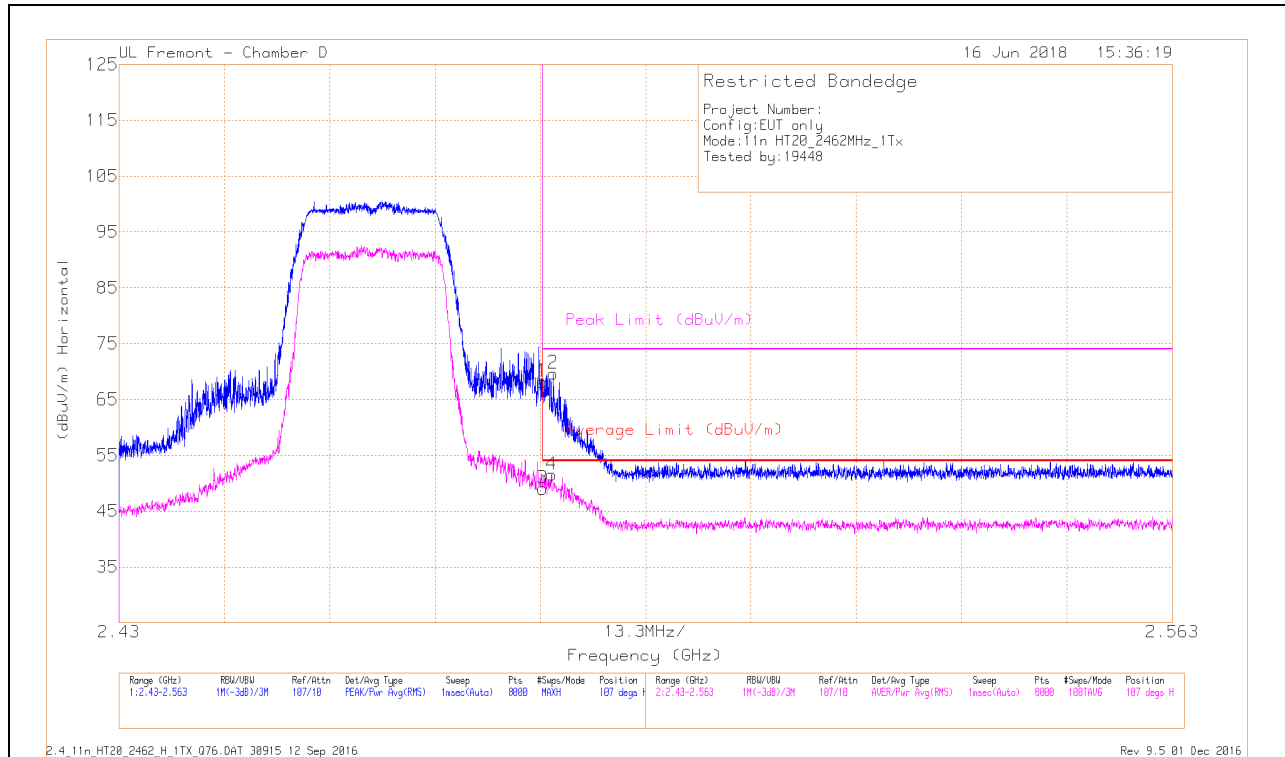
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



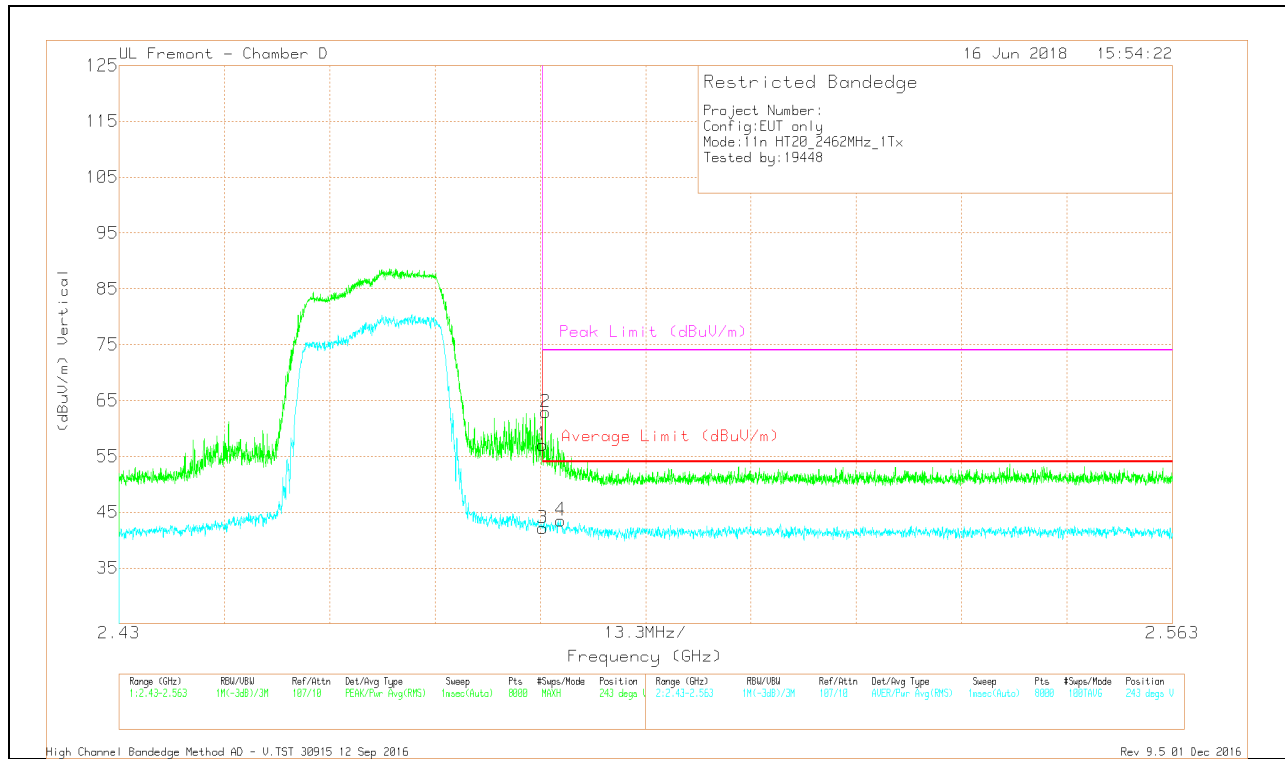
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.2                 | Pk  | 32.4          | -20.4                   | 68.2                       | -                      | -           | 74                  | -5.8           | 107            | 126         | H        |
| 3      | * 2.484         | 37.07                | RMS | 32.4          | -20.4                   | 49.07                      | 54                     | -4.93       | -                   | -              | 107            | 126         | H        |
| 2      | * 2.485         | 57.76                | Pk  | 32.4          | -20.5                   | 69.66                      | -                      | -           | 74                  | -4.34          | 107            | 126         | H        |
| 4      | * 2.485         | 39.66                | RMS | 32.4          | -20.5                   | 51.56                      | 54                     | -2.44       | -                   | -              | 107            | 126         | 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/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         | 45.08                | Pk  | 32.4          | -20.4                   | 57.08                      | -                      | -           | 74                  | -16.92         | 243            | 373         | V        |
| 2      | * 2.484         | 50.99                | Pk  | 32.4          | -20.5                   | 62.89                      | -                      | -           | 74                  | -11.11         | 243            | 373         | V        |
| 3      | * 2.484         | 30.14                | RMS | 32.4          | -20.4                   | 42.14                      | 54                     | -11.86      | -                   | -              | 243            | 373         | V        |
| 4      | * 2.486         | 31.61                | RMS | 32.4          | -20.5                   | 43.51                      | 54                     | -10.49      | -                   | -              | 243            | 373         | V        |

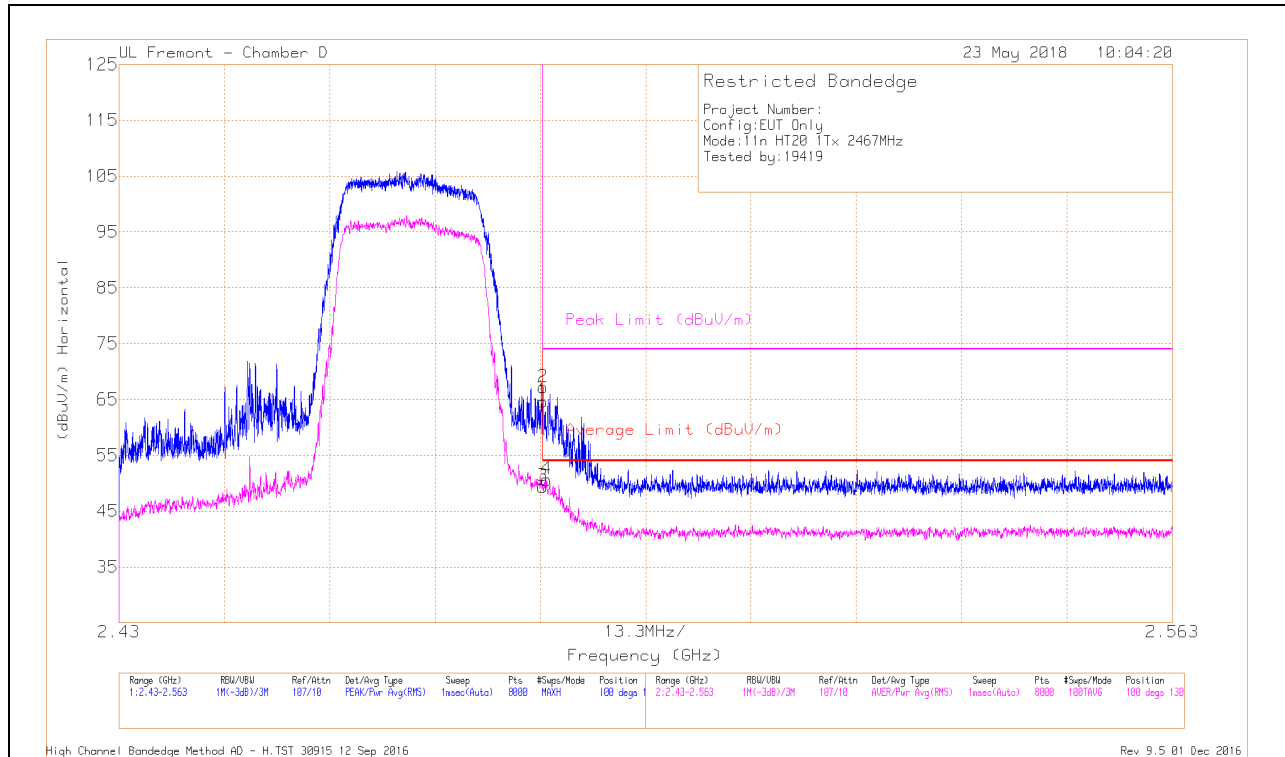
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



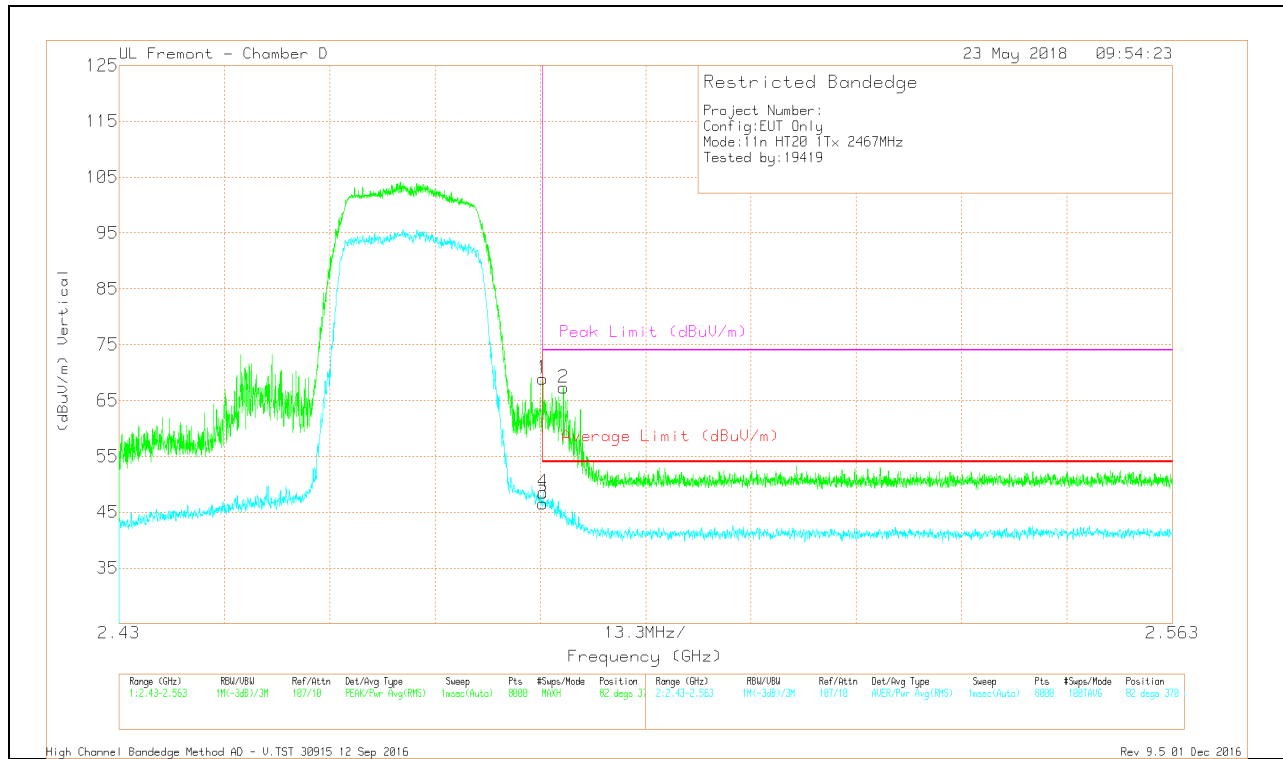
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.65                | Pk  | 32.4          | -20.4                   | 64.65                      | -                      | -           | 74                  | -9.35          | 100            | 130         | H        |
| 2      | * 2.484         | 55.28                | Pk  | 32.4          | -20.5                   | 67.18                      | -                      | -           | 74                  | -6.82          | 100            | 130         | H        |
| 3      | * 2.484         | 37.43                | RMS | 32.4          | -20.4                   | 49.43                      | 54                     | -4.57       | -                   | -              | 100            | 130         | H        |
| 4      | * 2.484         | 38.74                | RMS | 32.4          | -20.5                   | 50.64                      | 54                     | -3.36       | -                   | -              | 100            | 130         | 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         | 56.96                | Pk  | 32.4          | -20.4                  | 68.96                      | -                      | -           | 74                  | -5.04          | 82             | 370         | V        |
| 3      | * 2.484         | 34.59                | RMS | 32.4          | -20.4                  | 46.59                      | 54                     | -7.41       | -                   | -              | 82             | 370         | V        |
| 4      | * 2.484         | 36.67                | RMS | 32.4          | -20.5                  | 48.57                      | 54                     | -5.43       | -                   | -              | 82             | 370         | V        |
| 2      | * 2.486         | 55.39                | Pk  | 32.4          | -20.5                  | 67.29                      | -                      | -           | 74                  | -6.71          | 82             | 370         | V        |

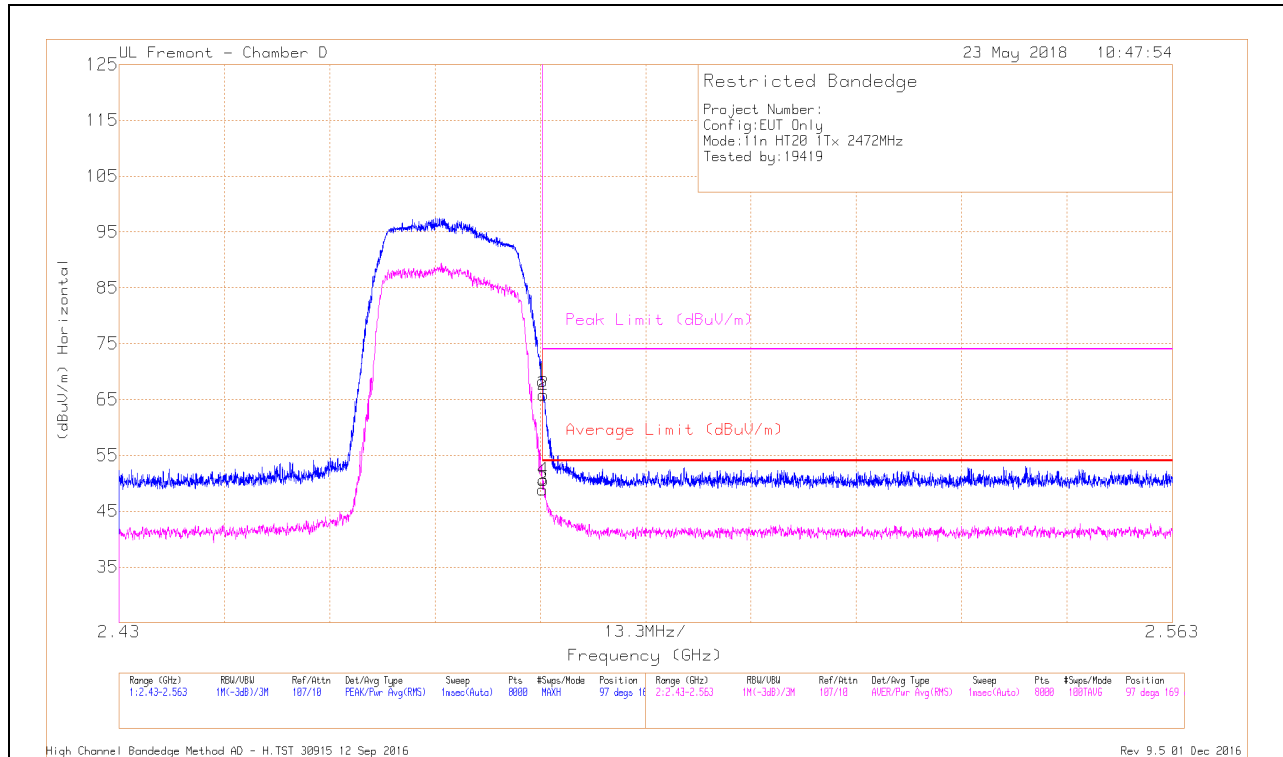
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



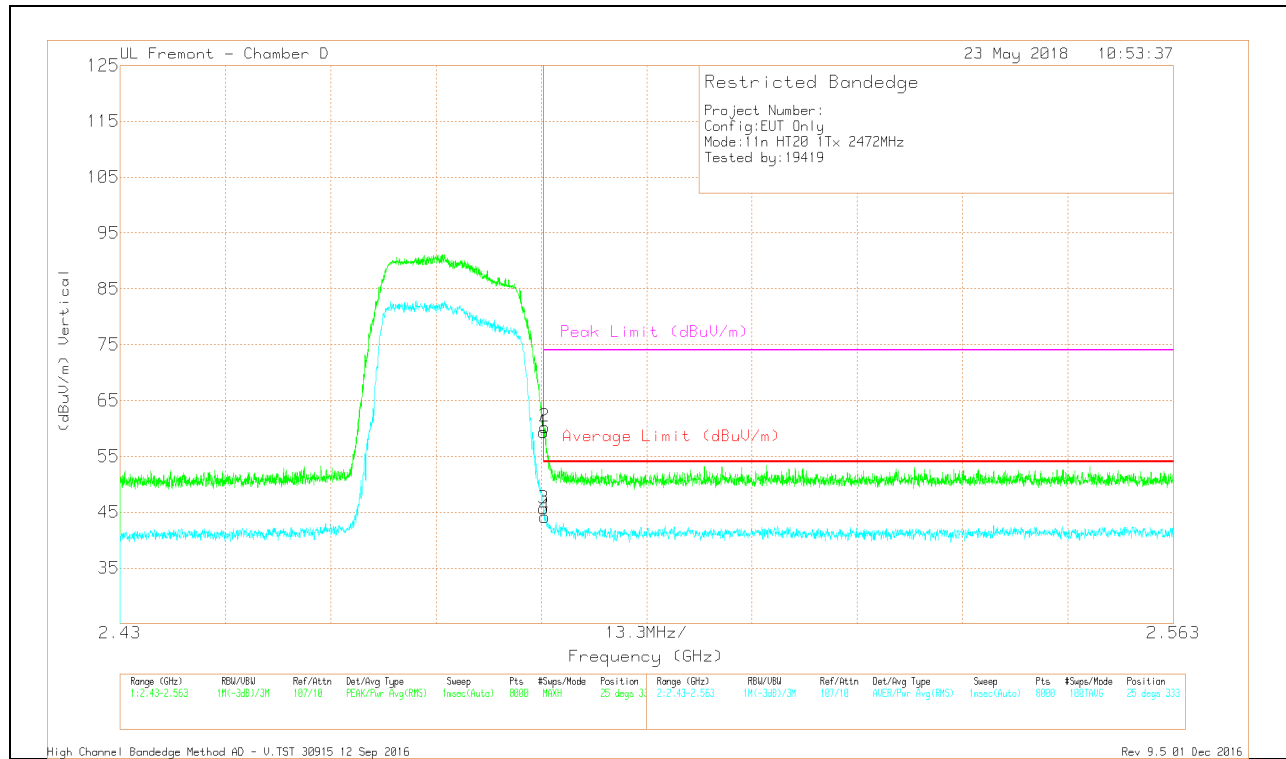
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.28                | Pk  | 32.4           | -20.4                   | 68.28                      | -                      | -           | 74                  | -5.72          | 97             | 169         | H        |
| 2      | * 2.484         | 53.99                | Pk  | 32.4           | -20.5                   | 65.89                      | -                      | -           | 74                  | -8.11          | 97             | 169         | H        |
| 3      | * 2.484         | 36.86                | RMS | 32.4           | -20.4                   | 48.86                      | 54                     | -5.14       | -                   | -              | 97             | 169         | H        |
| 4      | * 2.484         | 38.68                | RMS | 32.4           | -20.5                   | 50.58                      | 54                     | -3.42       | -                   | -              | 97             | 169         | 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         | 47.35                | Pk  | 32.4          | -20.4                  | 59.35                      | -                      | -           | 74                  | -14.65         | 25             | 333         | V        |
| 2      | * 2.484         | 48.38                | Pk  | 32.4          | -20.5                  | 60.28                      | -                      | -           | 74                  | -13.72         | 25             | 333         | V        |
| 3      | * 2.484         | 33.65                | RMS | 32.4          | -20.4                  | 45.65                      | 54                     | -8.35       | -                   | -              | 25             | 333         | V        |
| 4      | * 2.484         | 32.27                | RMS | 32.4          | -20.5                  | 44.17                      | 54                     | -9.83       | -                   | -              | 25             | 333         | V        |

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

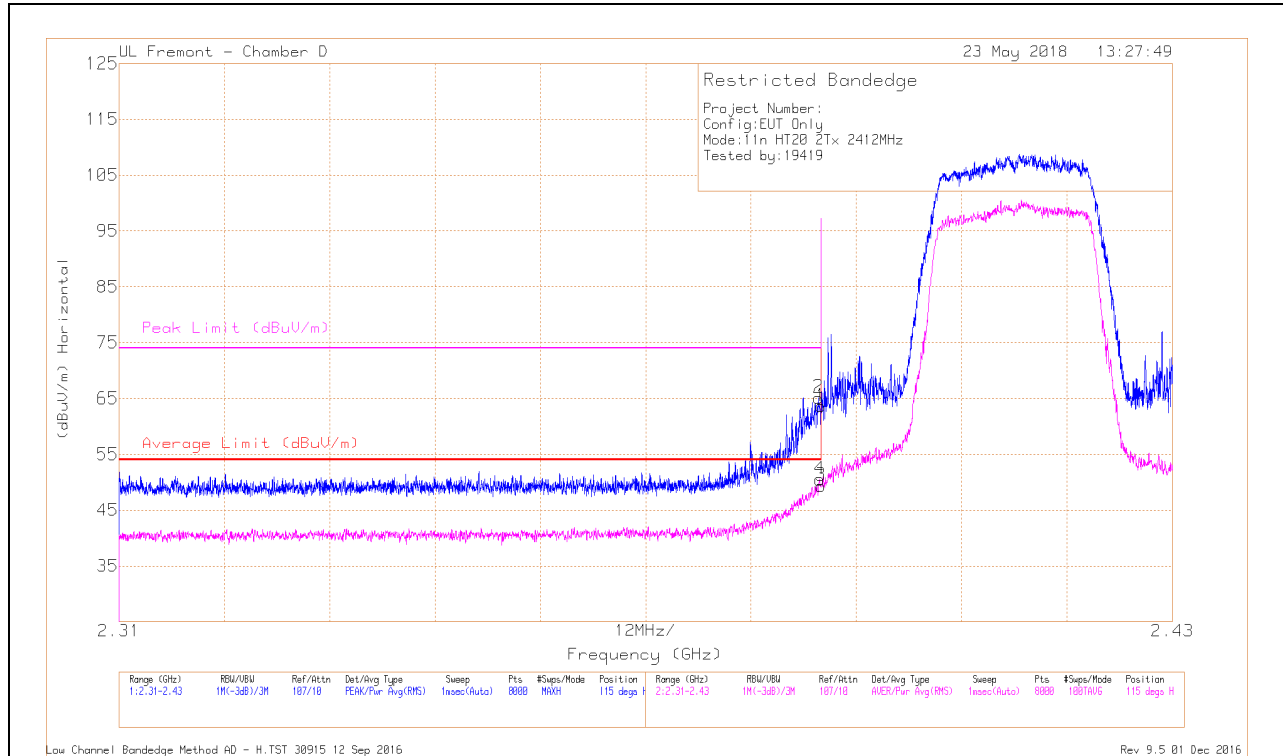
Pk - Peak detector

RMS - RMS detection

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

## BANDEDGE (LOW CHANNEL, CH 1)

### HORIZONTAL RESULT



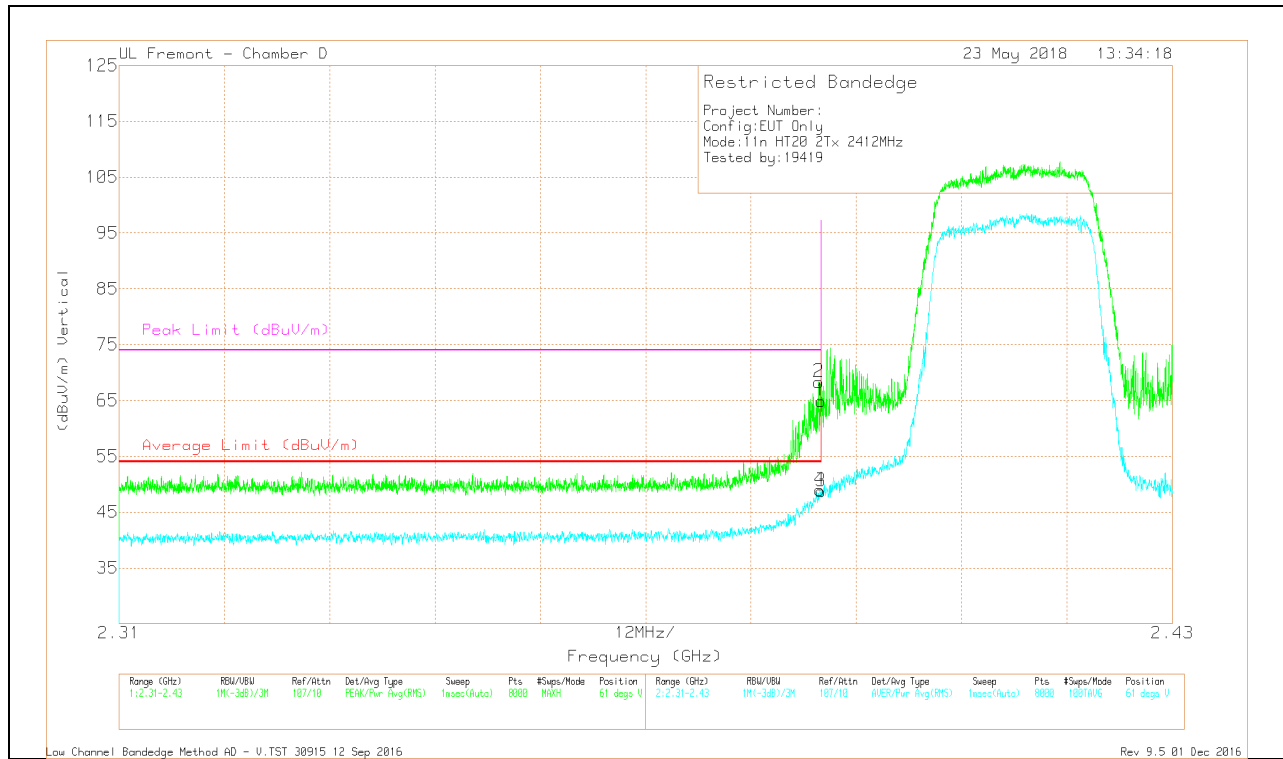
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.21                | Pk  | 31.9           | -20.5                   | 63.61                      | -                      | -           | 74                  | -10.39         | 115            | 127         | H        |
| 2      | * 2.39          | 53.74                | Pk  | 31.9           | -20.5                   | 65.14                      | -                      | -           | 74                  | -8.86          | 115            | 127         | H        |
| 3      | * 2.39          | 37.99                | RMS | 31.9           | -20.5                   | 49.39                      | 54                     | -4.61       | -                   | -              | 115            | 127         | H        |
| 4      | * 2.39          | 39.12                | RMS | 31.9           | -20.5                   | 50.52                      | 54                     | -3.48       | -                   | -              | 115            | 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 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          | 53.53                | Pk  | 31.9           | -20.5                  | 64.93                      | -                      | -           | 74                  | -9.07          | 61             | 384         | V        |
| 2      | * 2.39          | 56.91                | Pk  | 31.9           | -20.5                  | 68.31                      | -                      | -           | 74                  | -5.69          | 61             | 384         | V        |
| 3      | * 2.39          | 37.36                | RMS | 31.9           | -20.5                  | 48.76                      | 54                     | -5.24       | -                   | -              | 61             | 384         | V        |
| 4      | * 2.39          | 37.57                | RMS | 31.9           | -20.5                  | 48.97                      | 54                     | -5.03       | -                   | -              | 61             | 384         | V        |

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

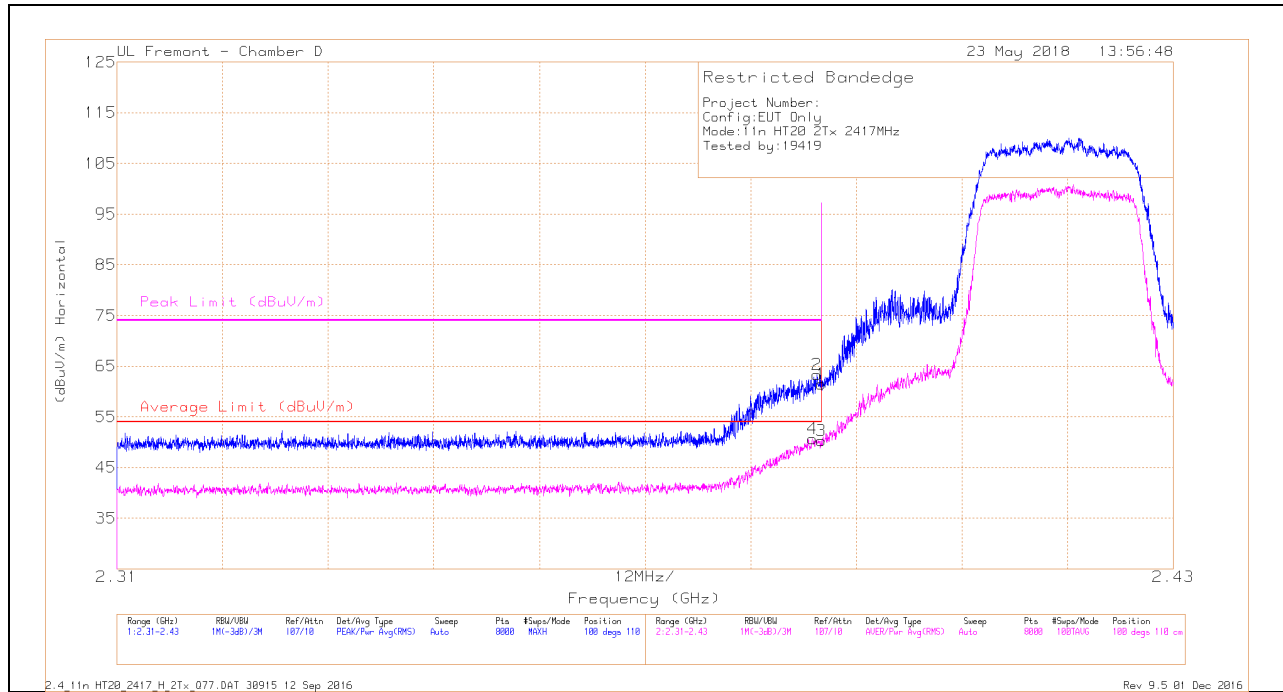
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



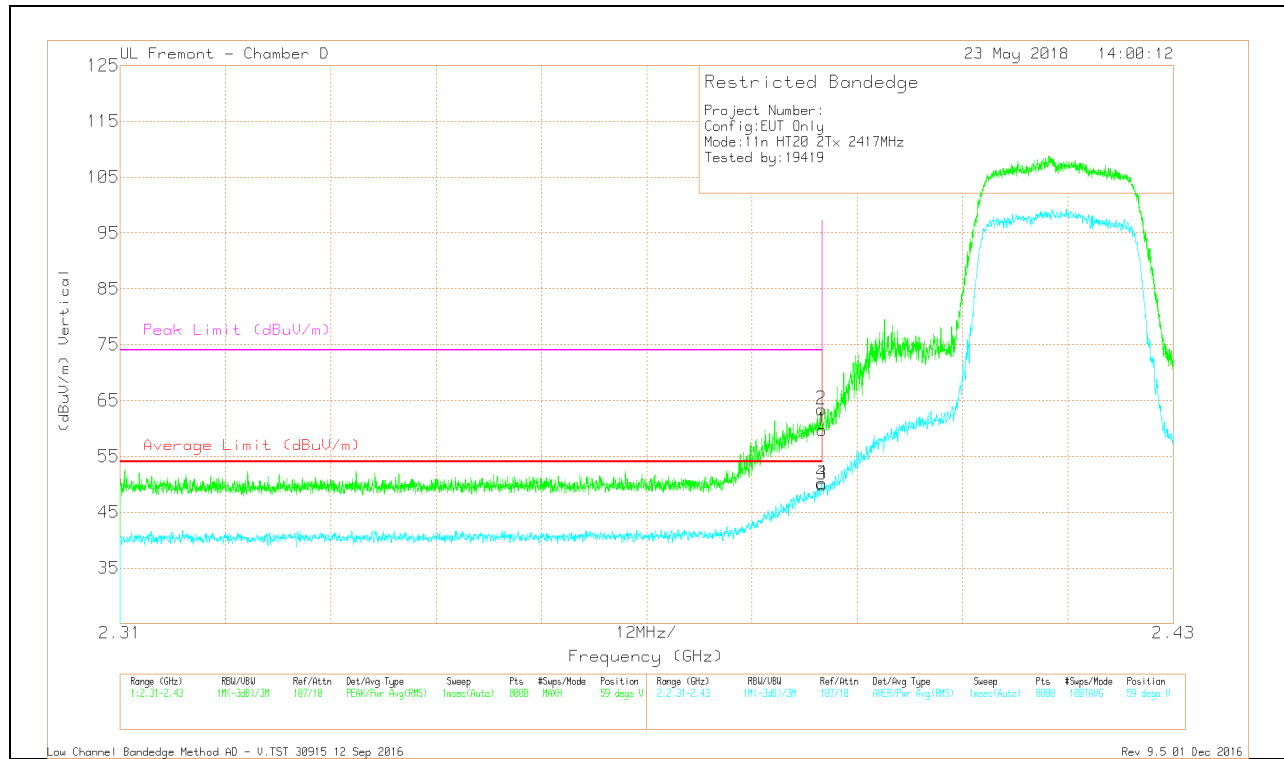
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 50.03                | Pk  | 31.9           | -20.5                  | 61.43                      | -                      | -           | 74                  | -12.57         | 100            | 110         | H        |
| 2      | * 2.39          | 51.92                | Pk  | 31.9           | -20.5                  | 63.32                      | -                      | -           | 74                  | -10.68         | 100            | 110         | H        |
| 3      | * 2.39          | 38.84                | RMS | 31.9           | -20.5                  | 50.24                      | 54                     | -3.76       | -                   | -              | 100            | 110         | H        |
| 4      | * 2.389         | 39.26                | RMS | 31.9           | -20.5                  | 50.66                      | 54                     | -3.34       | -                   | -              | 100            | 110         | 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) | 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          | 48.32                | Pk  | 31.9           | -20.5                   | 59.72                      | -                      | -           | 74                  | -14.28         | 59             | 393         | V        |
| 2      | * 2.39          | 52.02                | Pk  | 31.9           | -20.5                   | 63.42                      | -                      | -           | 74                  | -10.58         | 59             | 393         | V        |
| 3      | * 2.39          | 38.6                 | RMS | 31.9           | -20.5                   | 50                         | 54                     | -4          | -                   | -              | 59             | 393         | V        |
| 4      | * 2.39          | 38.78                | RMS | 31.9           | -20.5                   | 50.18                      | 54                     | -3.82       | -                   | -              | 59             | 393         | V        |

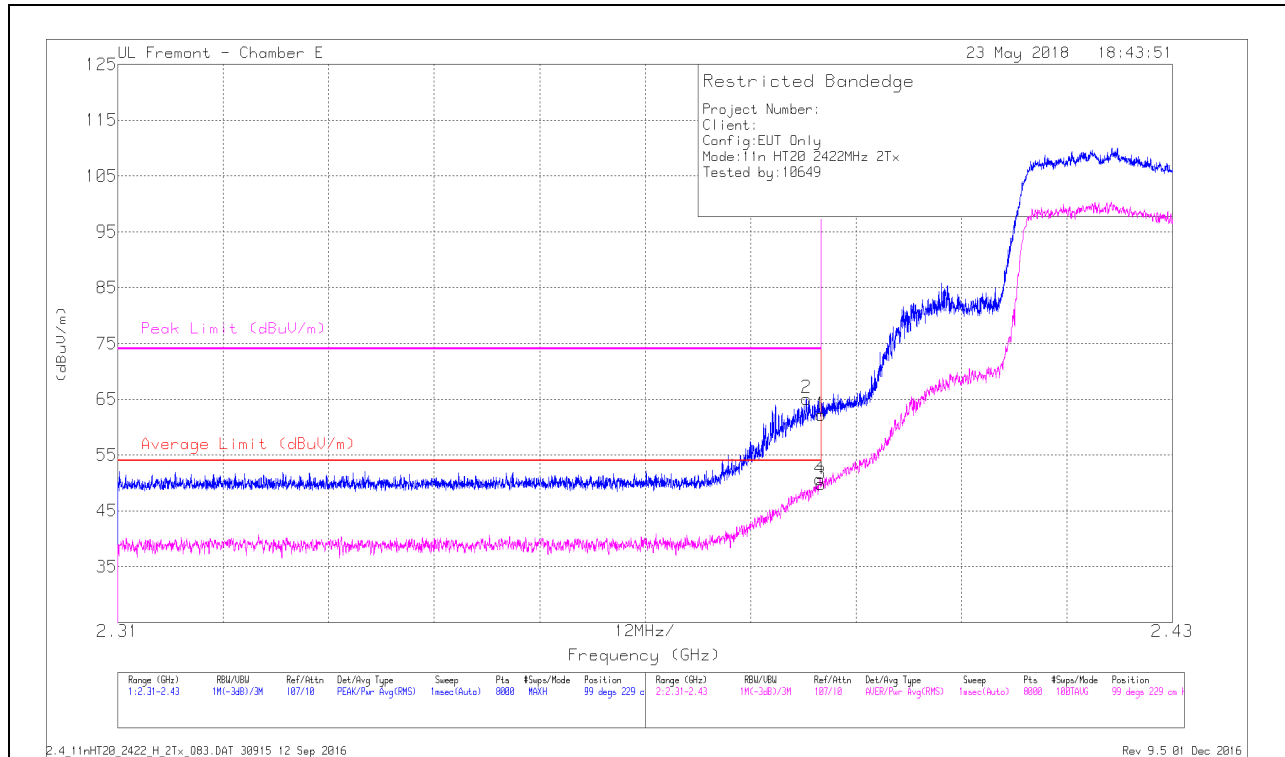
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



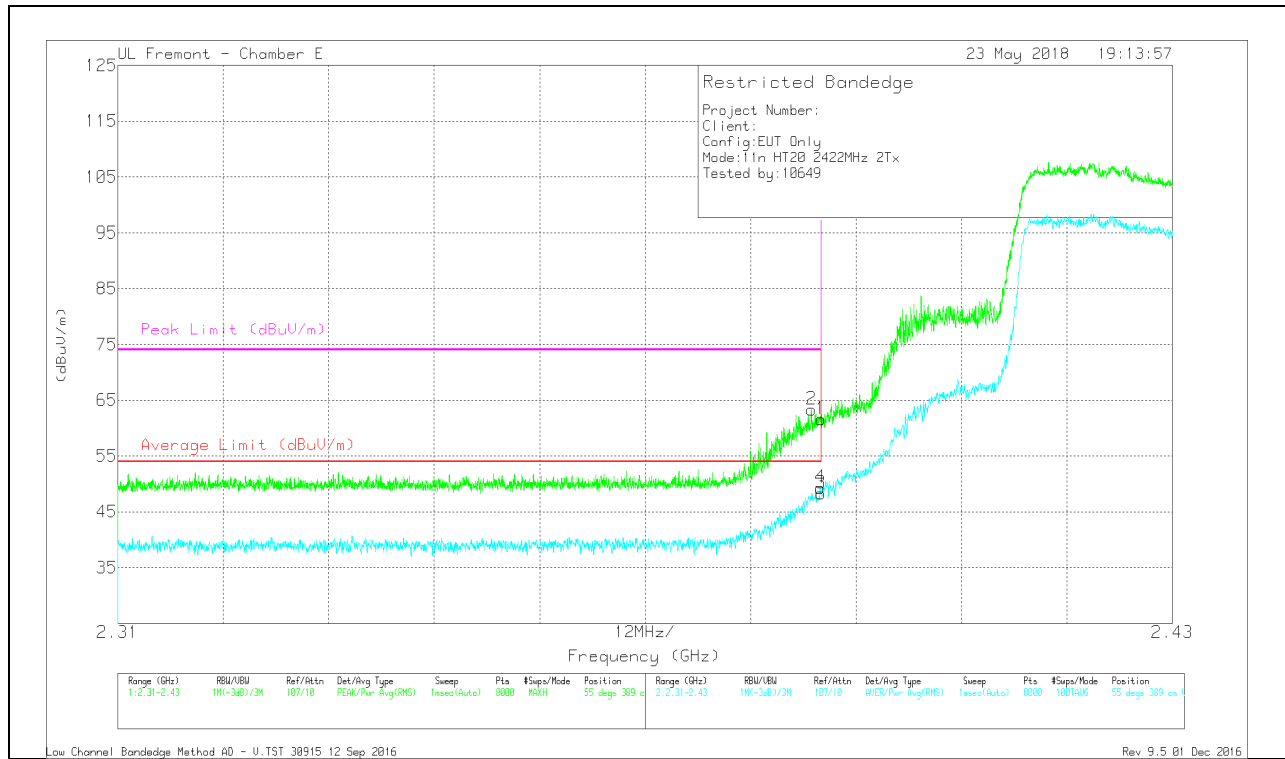
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.84                | Pk  | 32             | -22.6                   | 62.24                      | -                      | -           | 74                  | -11.76         | 99             | 229         | H        |
| 2      | * 2.388         | 55.83                | Pk  | 31.9           | -22.6                   | 65.13                      | -                      | -           | 74                  | -8.87          | 99             | 229         | H        |
| 3      | * 2.39          | 40.42                | RMS | 32             | -22.6                   | 49.82                      | 54                     | -4.18       | -                   | -              | 99             | 229         | H        |
| 4      | * 2.39          | 41.21                | RMS | 32             | -22.6                   | 50.61                      | 54                     | -3.39       | -                   | -              | 99             | 229         | 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          | 52.17                | Pk  | 32             | -22.6                   | 61.57                      | -                      | -           | 74                  | -12.43         | 55             | 389         | V        |
| 2      | * 2.389         | 54.08                | Pk  | 31.9           | -22.6                   | 63.38                      | -                      | -           | 74                  | -10.62         | 55             | 389         | V        |
| 3      | * 2.39          | 38.85                | RMS | 32             | -22.6                   | 48.25                      | 54                     | -5.75       | -                   | -              | 55             | 389         | V        |
| 4      | * 2.39          | 39.86                | RMS | 32             | -22.6                   | 49.26                      | 54                     | -4.74       | -                   | -              | 55             | 389         | V        |

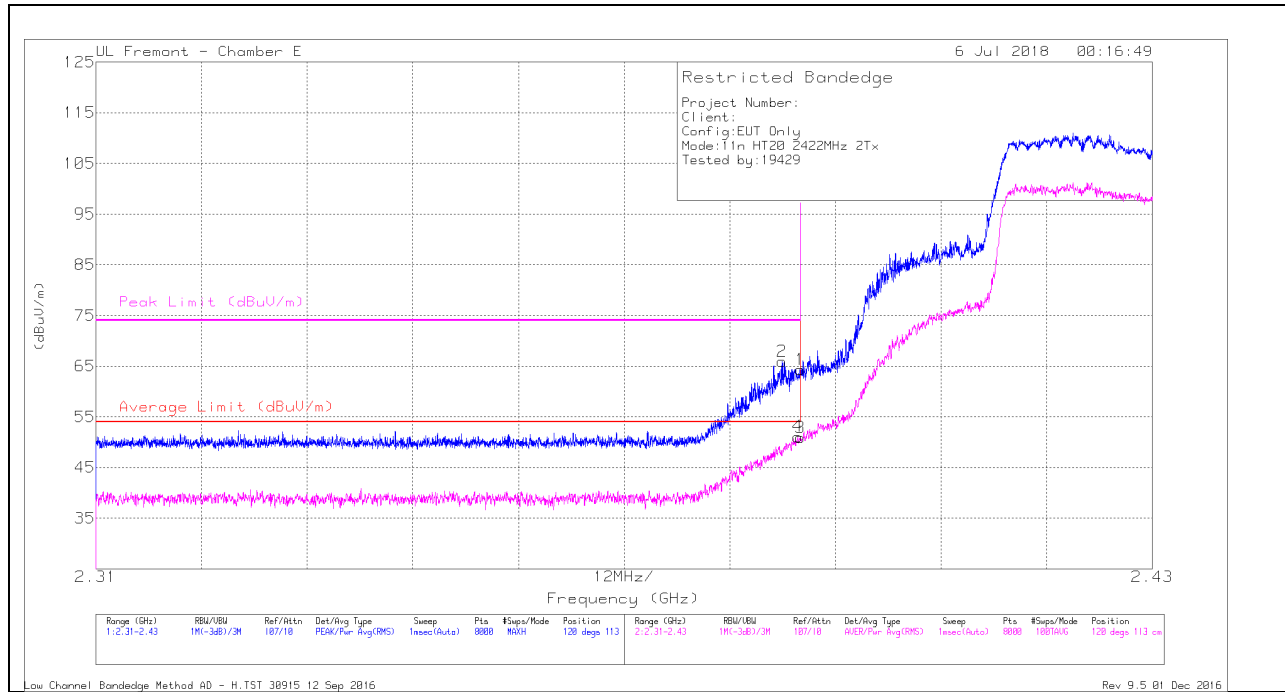
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



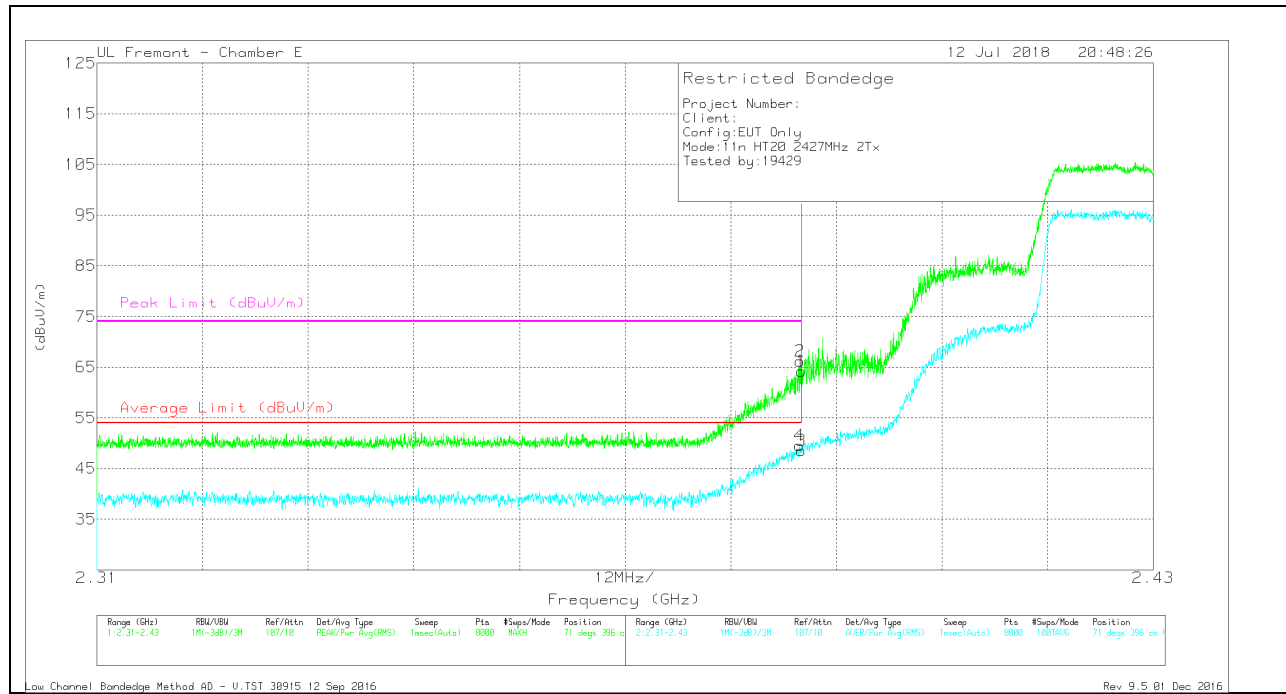
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.95                | Pk  | 32             | -22.6                  | 64.35                      | -                      | -           | 74                  | -9.65          | 120            | 113         | H        |
| 2      | * 2.388         | 56.65                | Pk  | 31.9           | -22.6                  | 65.95                      | -                      | -           | 74                  | -8.05          | 120            | 113         | H        |
| 3      | * 2.39          | 41.53                | RMS | 32             | -22.6                  | 50.93                      | 54                     | -3.07       | -                   | -              | 120            | 113         | H        |
| 4      | * 2.39          | 41.7                 | RMS | 32             | -22.6                  | 51.1                       | 54                     | -2.9        | -                   | -              | 120            | 113         | 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/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.84                | Pk  | 32             | -22.6                 | 64.24                      | -                      | -           | 74                  | -9.76          | 71             | 396         | V        |
| 2      | * 2.39          | 56.83                | Pk  | 32             | -22.6                 | 66.23                      | -                      | -           | 74                  | -7.77          | 71             | 396         | V        |
| 3      | * 2.39          | 39.18                | RMS | 32             | -22.6                 | 48.58                      | 54                     | -5.42       | -                   | -              | 71             | 396         | V        |
| 4      | * 2.39          | 40.12                | RMS | 32             | -22.6                 | 49.52                      | 54                     | -4.48       | -                   | -              | 71             | 396         | V        |

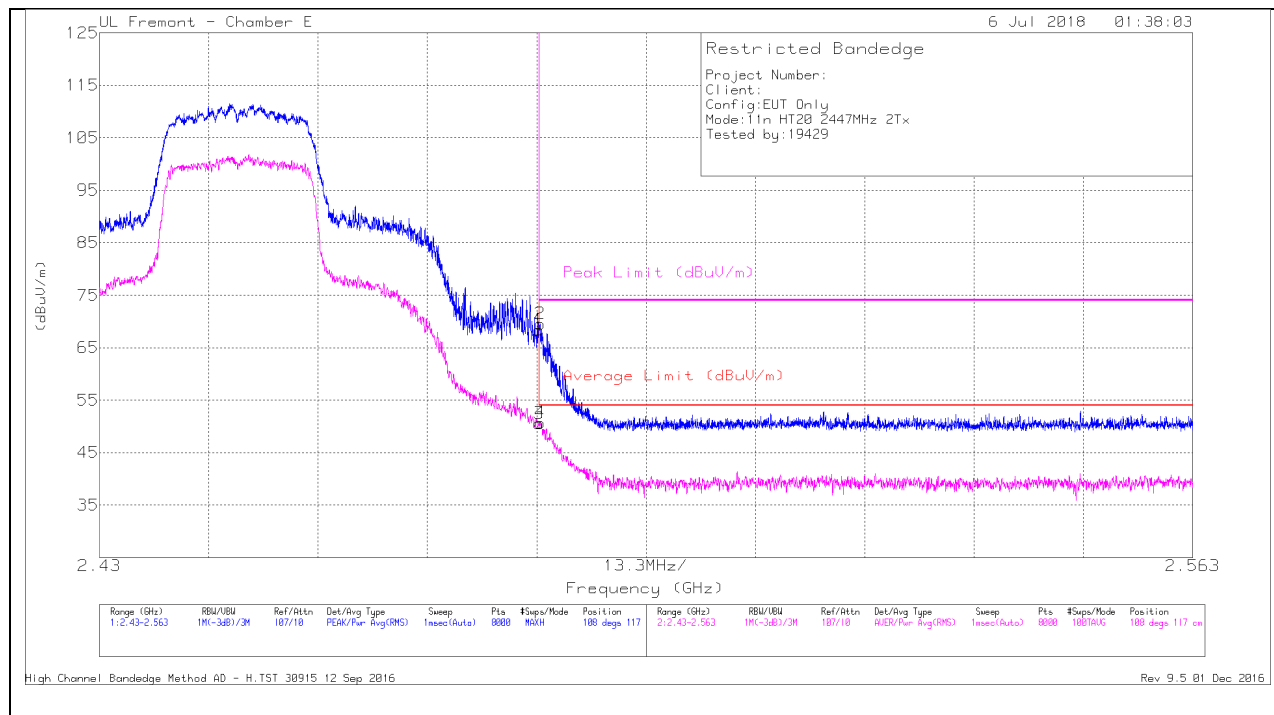
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



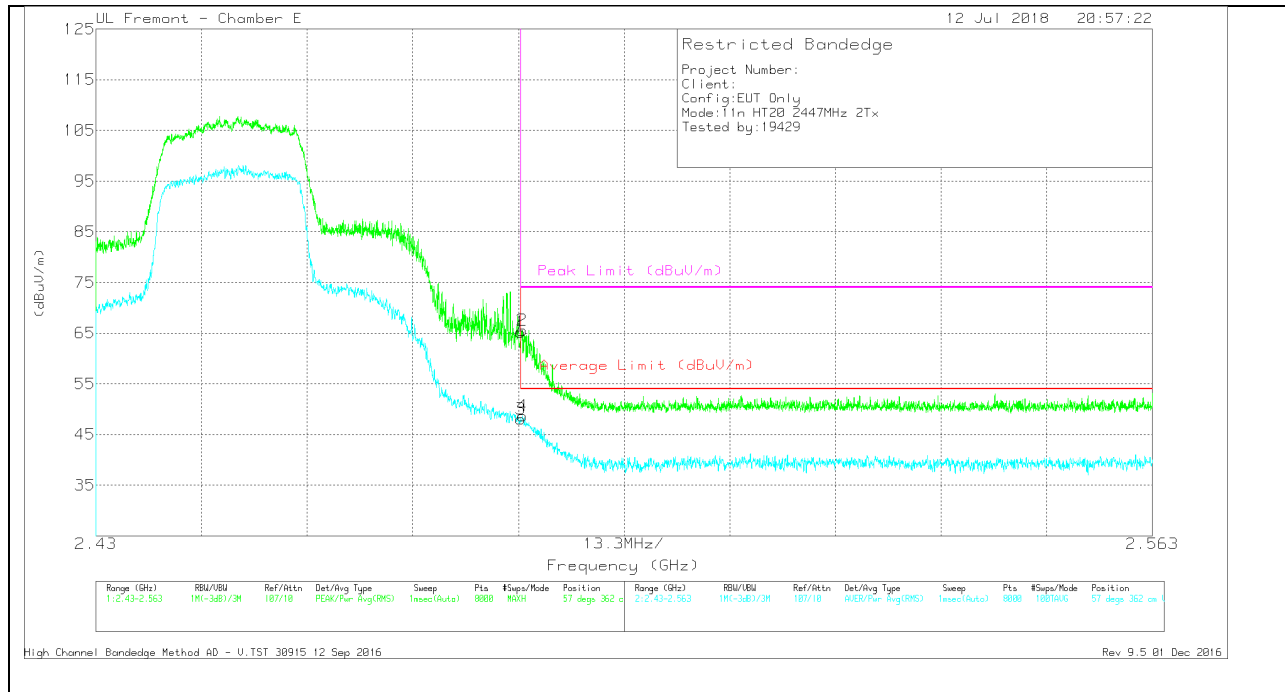
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 58.59                | Pk  | 32.1          | -22.3                 | 68.39                      | -                      | -           | 74                  | -5.61          | 108            | 117         | H        |
| 2      | * 2.484         | 59.75                | Pk  | 32.1          | -22.3                 | 69.55                      | -                      | -           | 74                  | -4.45          | 108            | 117         | H        |
| 3      | * 2.484         | 40.7                 | RMS | 32.1          | -22.3                 | 50.5                       | 54                     | -3.5        | -                   | -              | 108            | 117         | H        |
| 4      | * 2.484         | 40.85                | RMS | 32.1          | -22.3                 | 50.65                      | 54                     | -3.35       | -                   | -              | 108            | 117         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.38                | Pk  | 32.1           | -22.3                 | 65.18                      | -                      | -           | 74                  | -8.82          | 57             | 362         | V        |
| 2      | * 2.484         | 55.81                | Pk  | 32.1           | -22.3                 | 65.61                      | -                      | -           | 74                  | -8.39          | 57             | 362         | V        |
| 3      | * 2.484         | 38.3                 | RMS | 32.1           | -22.3                 | 48.1                       | 54                     | -5.9        | -                   | -              | 57             | 362         | V        |
| 4      | * 2.484         | 38.85                | RMS | 32.1           | -22.3                 | 48.65                      | 54                     | -5.35       | -                   | -              | 57             | 362         | V        |

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

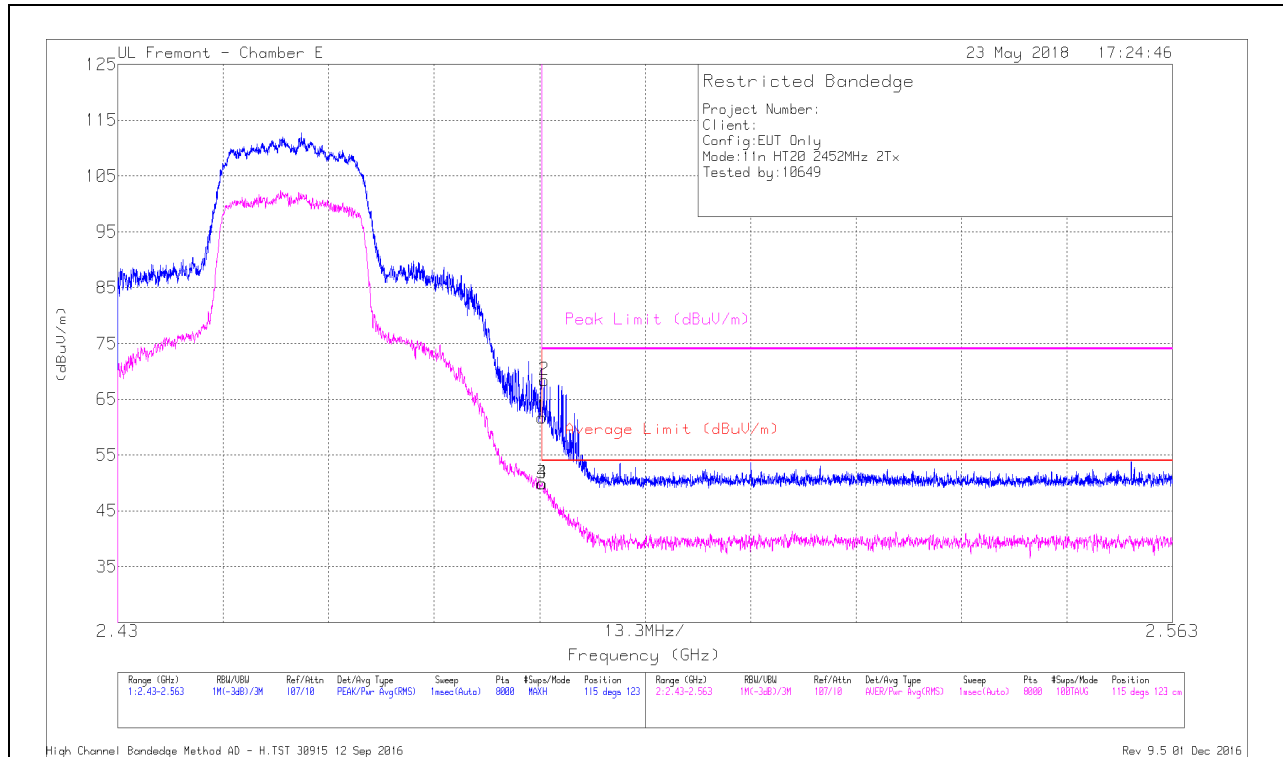
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



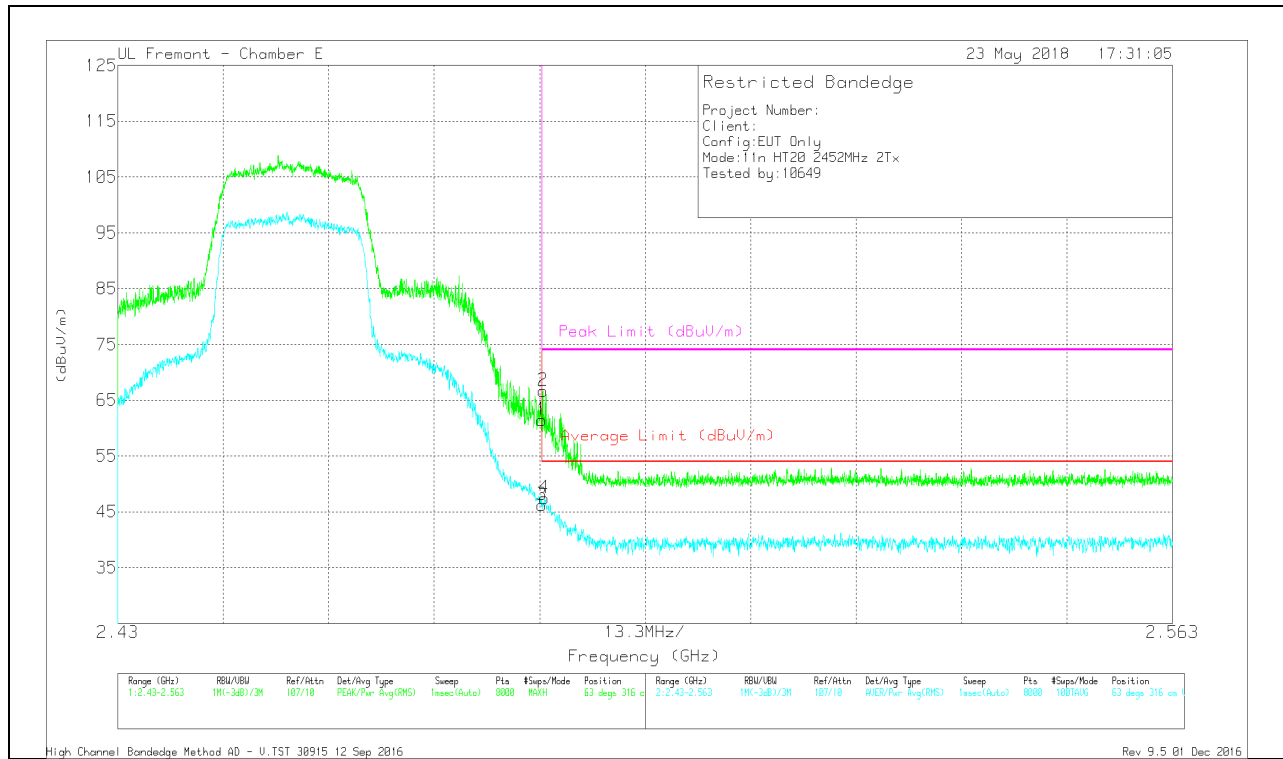
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.87                | Pk  | 32.1           | -22.3                   | 61.67                      | -                      | -           | 74                  | -12.33         | 115            | 123         | H        |
| 2      | * 2.484         | 58.66                | Pk  | 32.1           | -22.3                   | 68.46                      | -                      | -           | 74                  | -5.54          | 115            | 123         | H        |
| 3      | * 2.484         | 40.11                | RMS | 32.1           | -22.3                   | 49.91                      | 54                     | -4.09       | -                   | -              | 115            | 123         | H        |
| 4      | * 2.484         | 40.12                | RMS | 32.1           | -22.3                   | 49.92                      | 54                     | -4.08       | -                   | -              | 115            | 123         | 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         | 51.71                | Pk  | 32.1          | -22.3                  | 61.51                      | -                      | -           | 74                  | -12.49         | 63             | 316         | V        |
| 2      | * 2.484         | 56.86                | Pk  | 32.1          | -22.3                  | 66.66                      | -                      | -           | 74                  | -7.34          | 63             | 316         | V        |
| 3      | * 2.484         | 36.41                | RMS | 32.1          | -22.3                  | 46.21                      | 54                     | -7.79       | -                   | -              | 63             | 316         | V        |
| 4      | * 2.484         | 37.64                | RMS | 32.1          | -22.3                  | 47.44                      | 54                     | -6.56       | -                   | -              | 63             | 316         | V        |

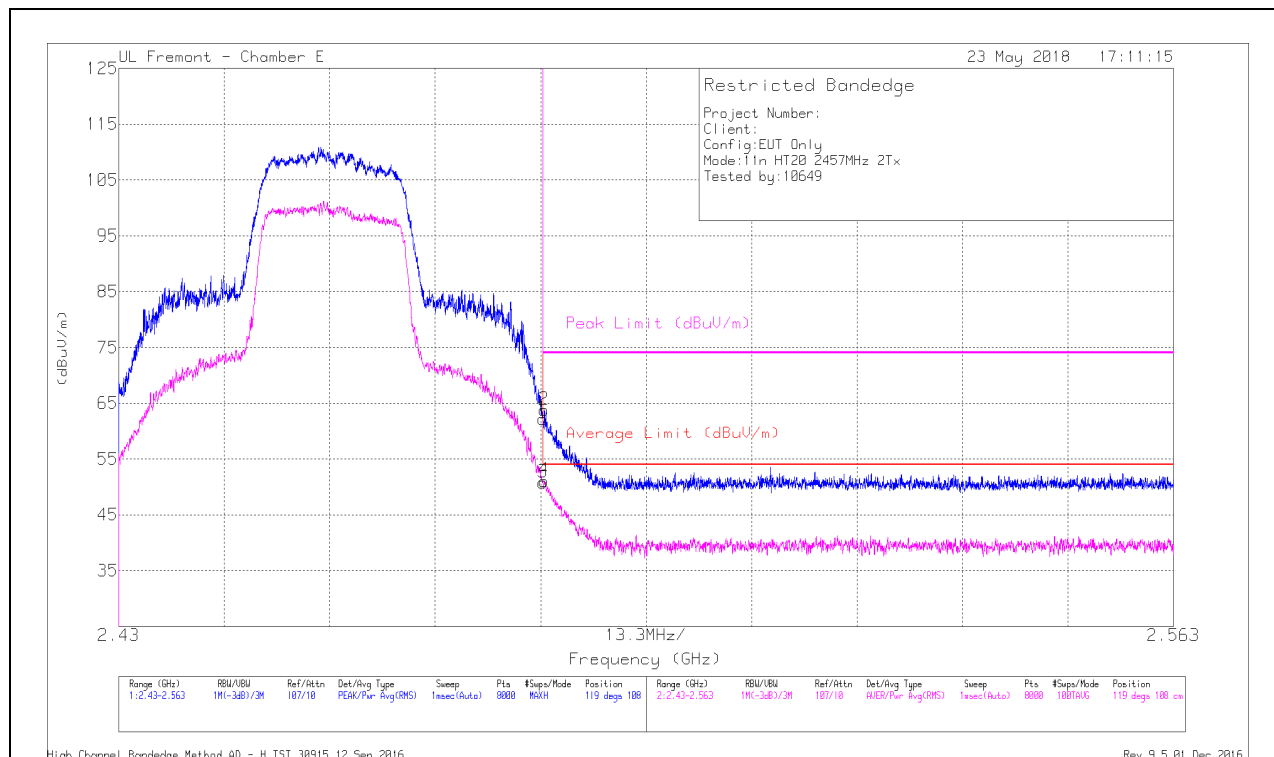
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



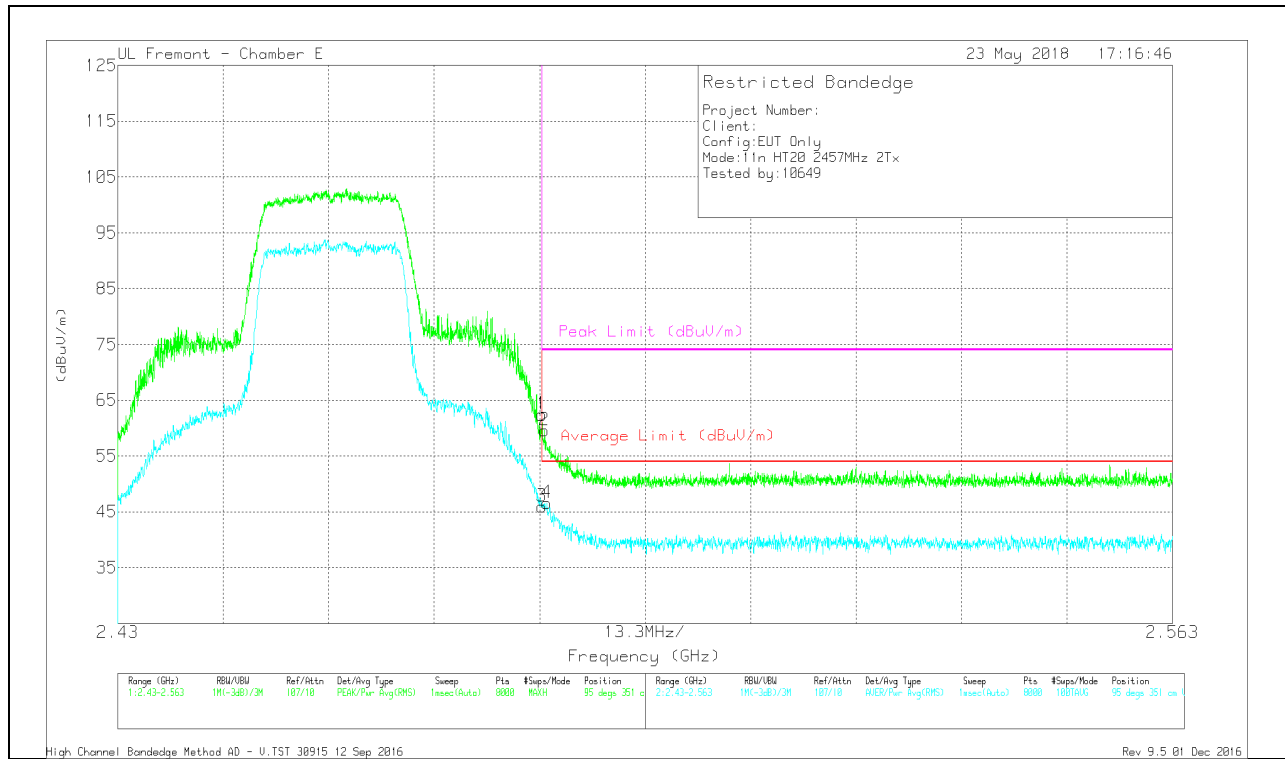
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dBm) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.43                | Pk  | 32.1          | -22.3                   | 62.23                      | -                      | -           | 74                  | -11.77         | 119            | 108         | H        |
| 2      | * 2.484         | 54                   | Pk  | 32.1          | -22.3                   | 63.8                       | -                      | -           | 74                  | -10.2          | 119            | 108         | H        |
| 3      | * 2.484         | 40.94                | RMS | 32.1          | -22.3                   | 50.74                      | 54                     | -3.26       | -                   | -              | 119            | 108         | H        |
| 4      | * 2.484         | 41.3                 | RMS | 32.1          | -22.3                   | 51.1                       | 54                     | -2.9        | -                   | -              | 119            | 108         | 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         | 52.6                 | Pk  | 32.1          | -22.3                  | 62.4                       | -                      | -           | 74                  | -11.6          | 95             | 351         | V        |
| 2      | * 2.484         | 49.77                | Pk  | 32.1          | -22.3                  | 59.57                      | -                      | -           | 74                  | -14.43         | 95             | 351         | V        |
| 3      | * 2.484         | 36.16                | RMS | 32.1          | -22.3                  | 45.96                      | 54                     | -8.04       | -                   | -              | 95             | 351         | V        |
| 4      | * 2.484         | 36.77                | RMS | 32.1          | -22.3                  | 46.57                      | 54                     | -7.43       | -                   | -              | 95             | 351         | V        |

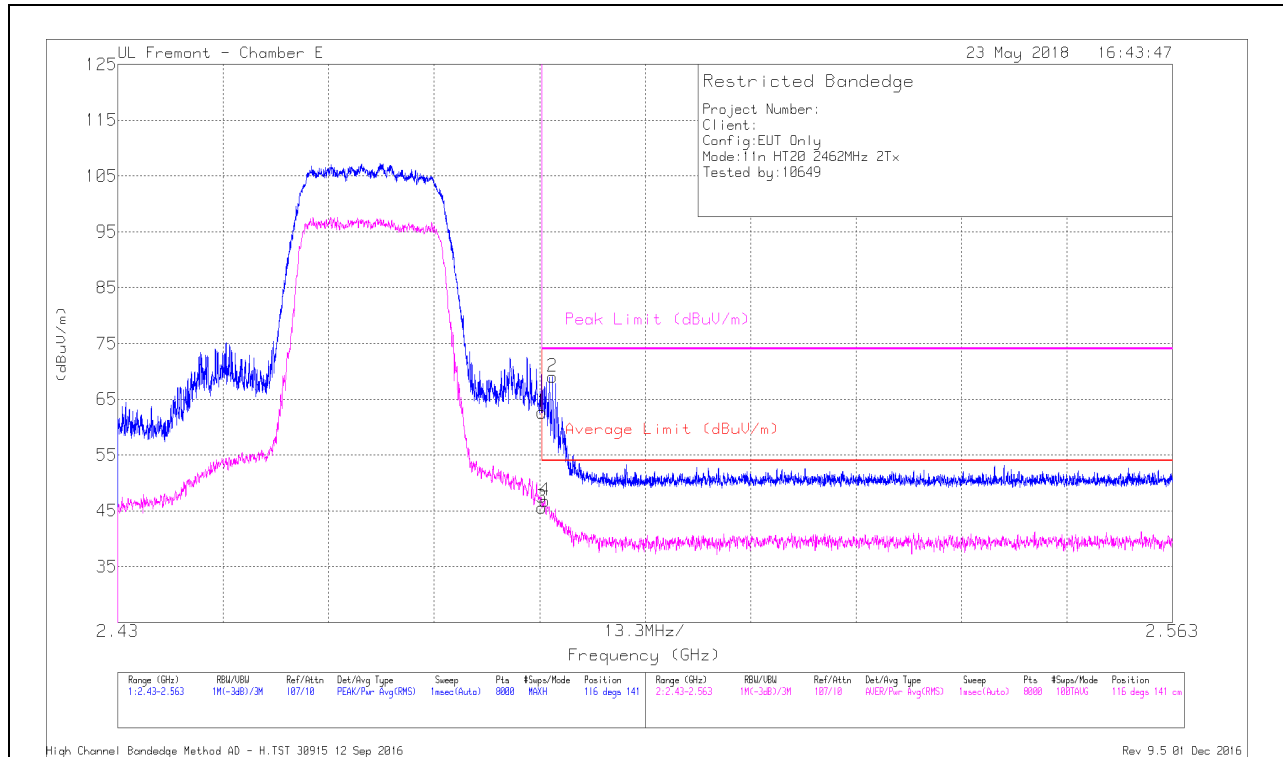
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



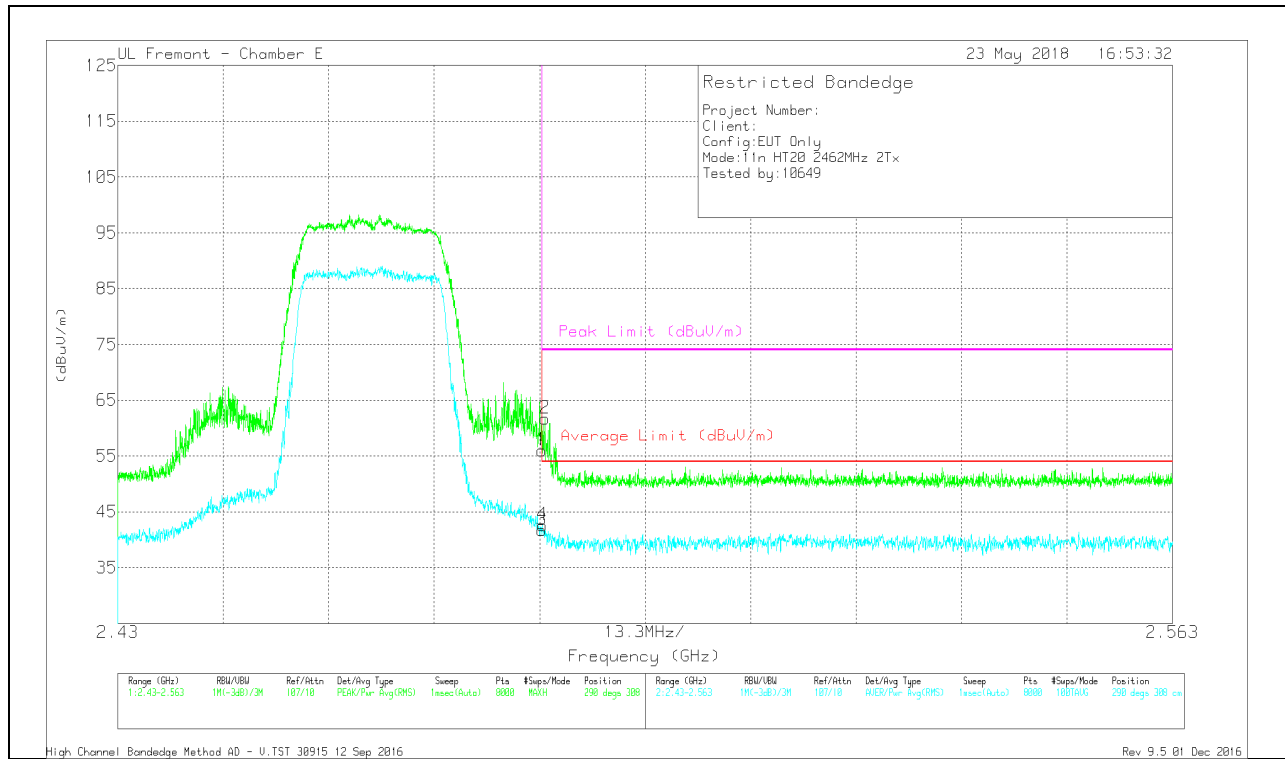
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.85                | Pk  | 32.1           | -22.3                    | 62.65                      | -                      | -           | 74                  | -11.35         | 116            | 141         | H        |
| 3      | * 2.484         | 35.72                | RMS | 32.1           | -22.3                    | 45.52                      | 54                     | -8.48       | -                   | -              | 116            | 141         | H        |
| 4      | * 2.484         | 37.06                | RMS | 32.1           | -22.3                    | 46.86                      | 54                     | -7.14       | -                   | -              | 116            | 141         | H        |
| 2      | * 2.485         | 59.3                 | Pk  | 32.1           | -22.4                    | 69                         | -                      | -           | 74                  | -5             | 116            | 141         | 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         | 46.17                | Pk  | 32.1           | -22.3                  | 55.97                      | -                      | -           | 74                  | -18.03         | 290            | 308         | V        |
| 2      | * 2.484         | 51.86                | Pk  | 32.1           | -22.3                  | 61.66                      | -                      | -           | 74                  | -12.34         | 290            | 308         | V        |
| 3      | * 2.484         | 31.88                | RMS | 32.1           | -22.3                  | 41.68                      | 54                     | -12.32      | -                   | -              | 290            | 308         | V        |
| 4      | * 2.484         | 32.84                | RMS | 32.1           | -22.3                  | 42.64                      | 54                     | -11.36      | -                   | -              | 290            | 308         | V        |

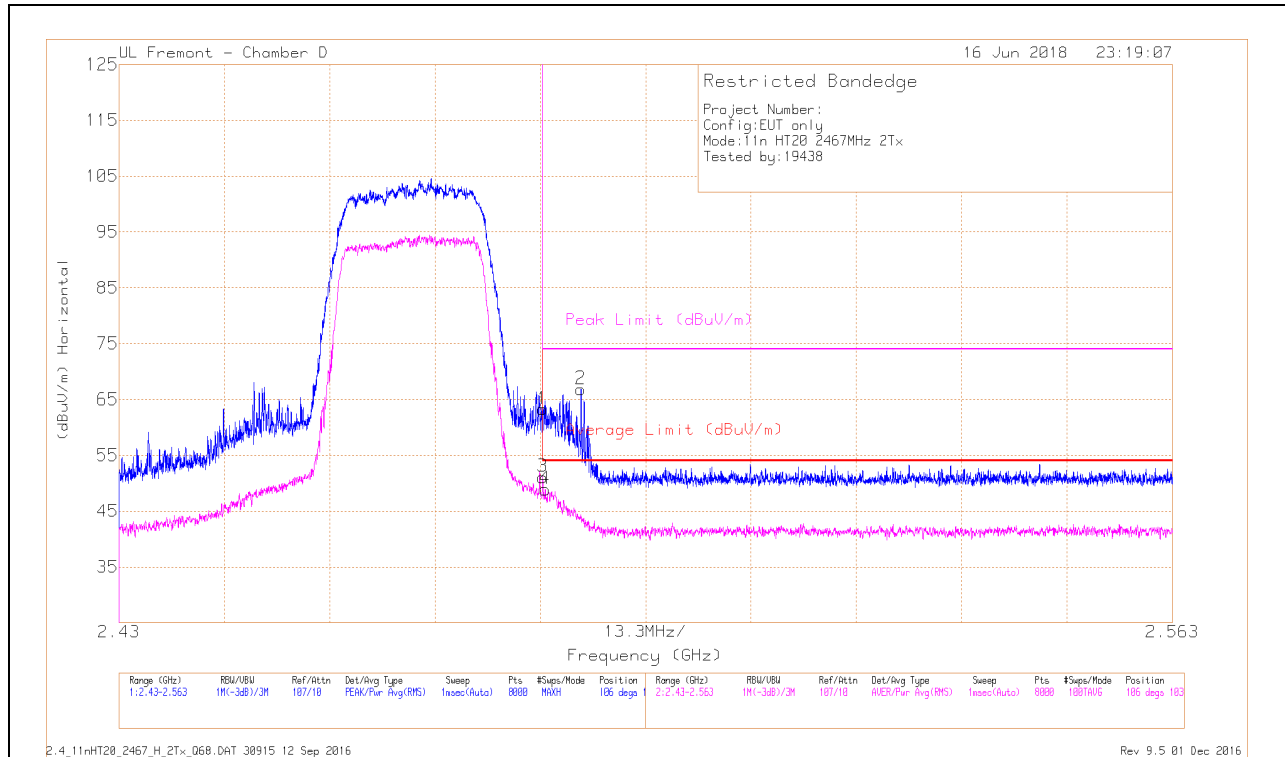
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



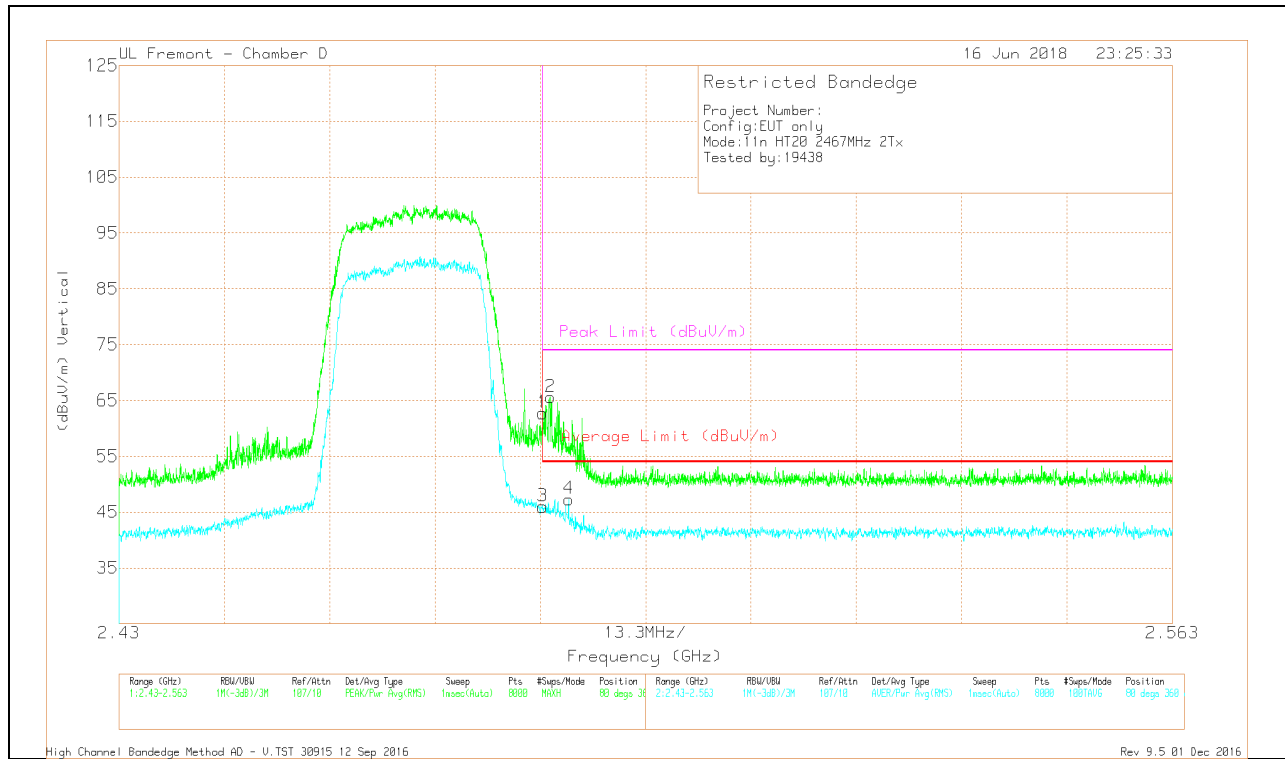
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dBm) | Ampl/Cbl/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.26                | Pk  | 32.4          | -20.4                  | 63.26                      | -                      | -           | 74                  | -10.74         | 106            | 103         | H        |
| 3      | * 2.484         | 39.12                | RMS | 32.4          | -20.4                  | 51.12                      | 54                     | -2.88       | -                   | -              | 106            | 103         | H        |
| 4      | * 2.484         | 37.03                | RMS | 32.4          | -20.5                  | 48.93                      | 54                     | -5.07       | -                   | -              | 106            | 103         | H        |
| 2      | * 2.488         | 54.95                | Pk  | 32.4          | -20.5                  | 66.85                      | -                      | -           | 74                  | -7.15          | 106            | 103         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 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         | 50.75                | Pk  | 32.4          | -20.4                  | 62.75                      | -                      | -           | 74                  | -11.25         | 80             | 360         | V        |
| 3      | * 2.484         | 34                   | RMS | 32.4          | -20.4                  | 46                         | 54                     | -8          | -                   | -              | 80             | 360         | V        |
| 2      | * 2.485         | 53.69                | Pk  | 32.4          | -20.5                  | 65.59                      | -                      | -           | 74                  | -8.41          | 80             | 360         | V        |
| 4      | * 2.487         | 35.43                | RMS | 32.4          | -20.5                  | 47.33                      | 54                     | -6.67       | -                   | -              | 80             | 360         | V        |

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

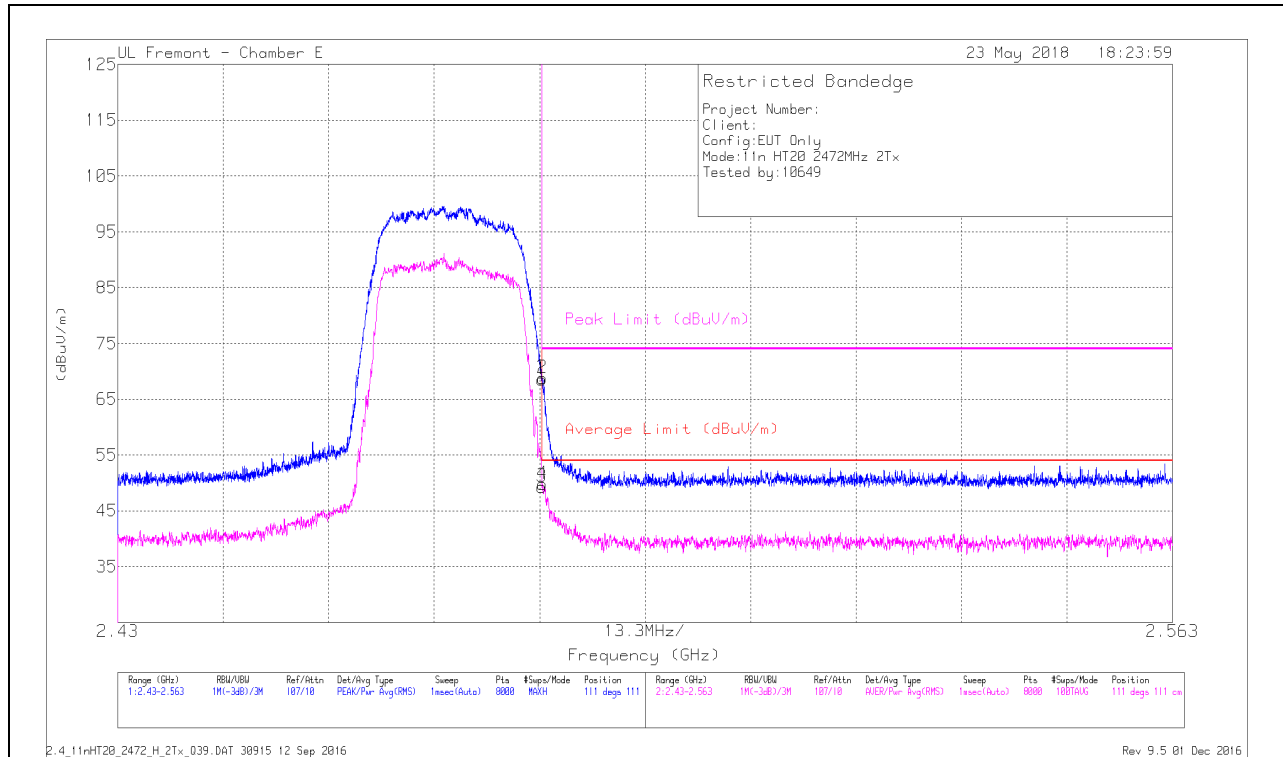
Pk - Peak detector

RMS - RMS detection



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

## **HORIZONTAL RESULT**



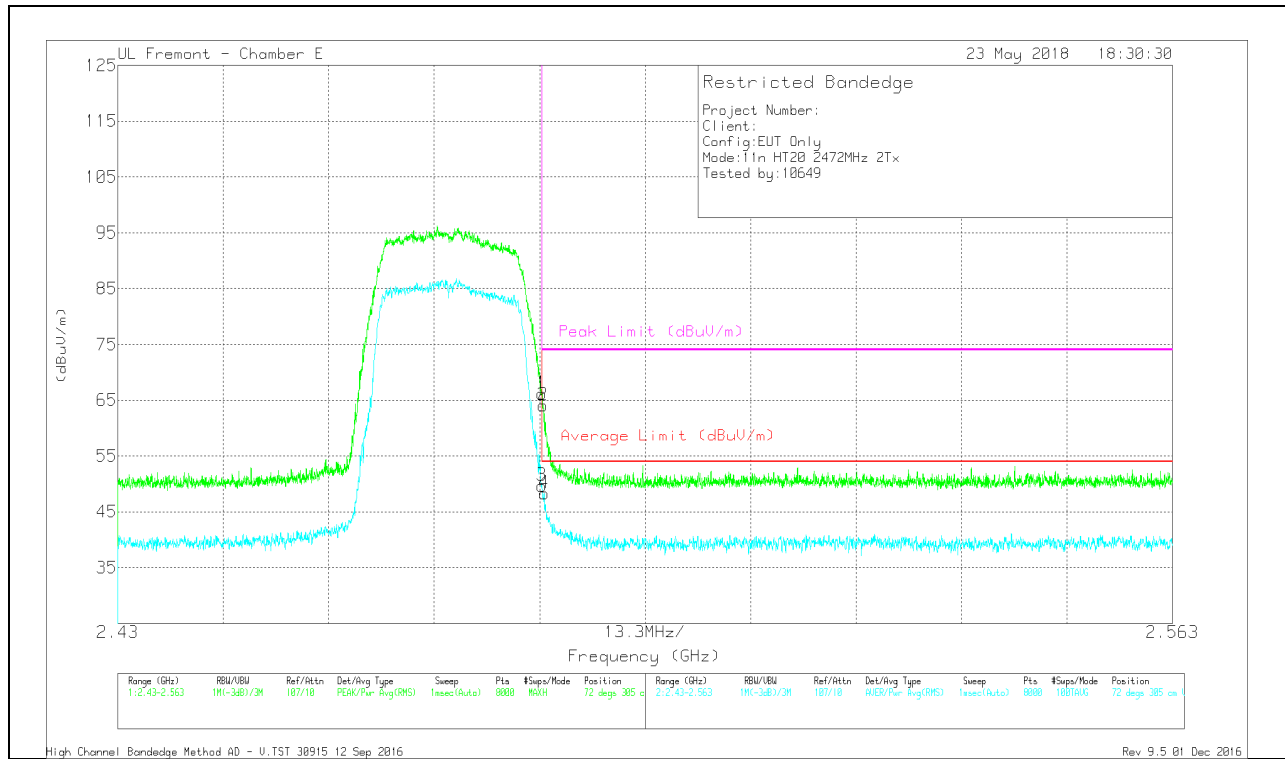
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 58.79                | Pk  | 32.1           | -22.3                   | 68.59                      | -                      | -           | 74                  | -5.41          | 111            | 111         | H        |
| 2      | * 2.484         | 58.94                | Pk  | 32.1           | -22.3                   | 68.74                      | -                      | -           | 74                  | -5.26          | 111            | 111         | H        |
| 3      | * 2.484         | 39.45                | RMS | 32.1           | -22.3                   | 49.25                      | 54                     | -4.75       | -                   | -              | 111            | 111         | H        |
| 4      | * 2.484         | 40                   | RMS | 32.1           | -22.3                   | 49.8                       | 54                     | -4.2        | -                   | -              | 111            | 111         | 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         | 56.36                | Pk  | 32.1           | -22.3                   | 66.16                      | -                      | -           | 74                  | -7.84          | 72             | 305         | V        |
| 2      | * 2.484         | 54.24                | Pk  | 32.1           | -22.3                   | 64.04                      | -                      | -           | 74                  | -9.96          | 72             | 305         | V        |
| 3      | * 2.484         | 39.82                | RMS | 32.1           | -22.3                   | 49.62                      | 54                     | -4.38       | -                   | -              | 72             | 305         | V        |
| 4      | * 2.484         | 38.46                | RMS | 32.1           | -22.3                   | 48.26                      | 54                     | -5.74       | -                   | -              | 72             | 305         | V        |

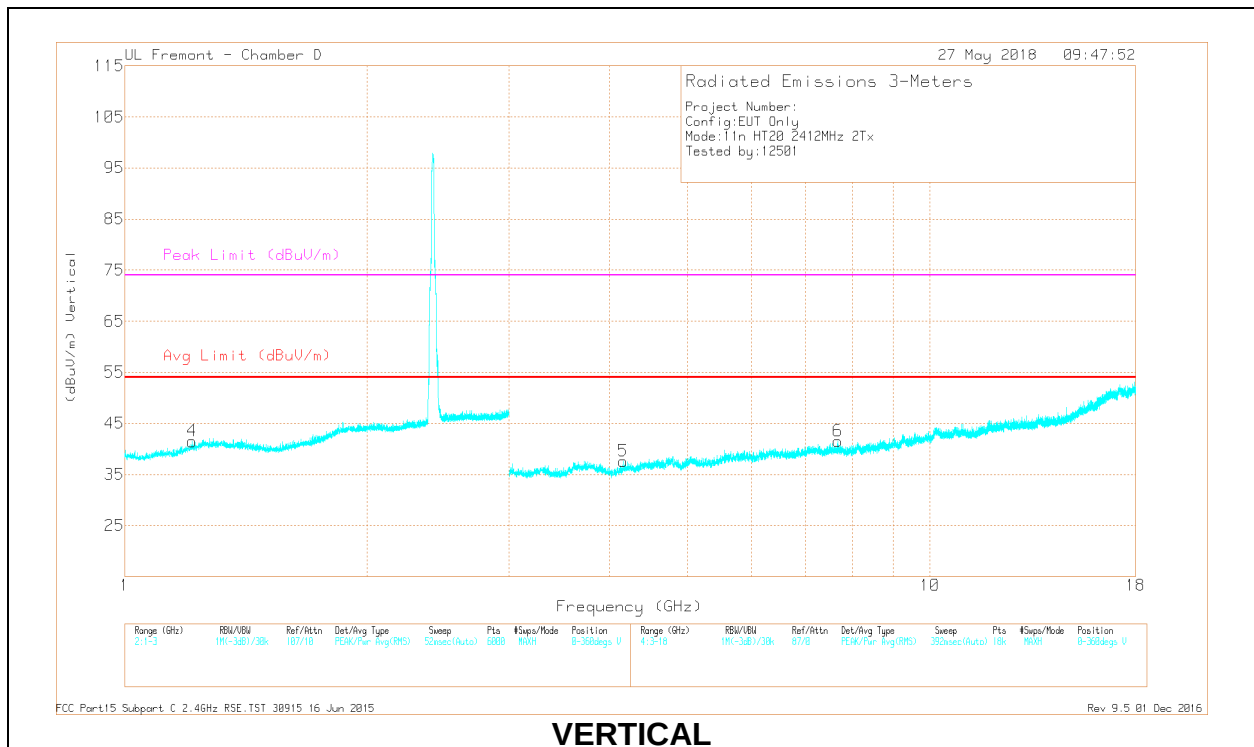
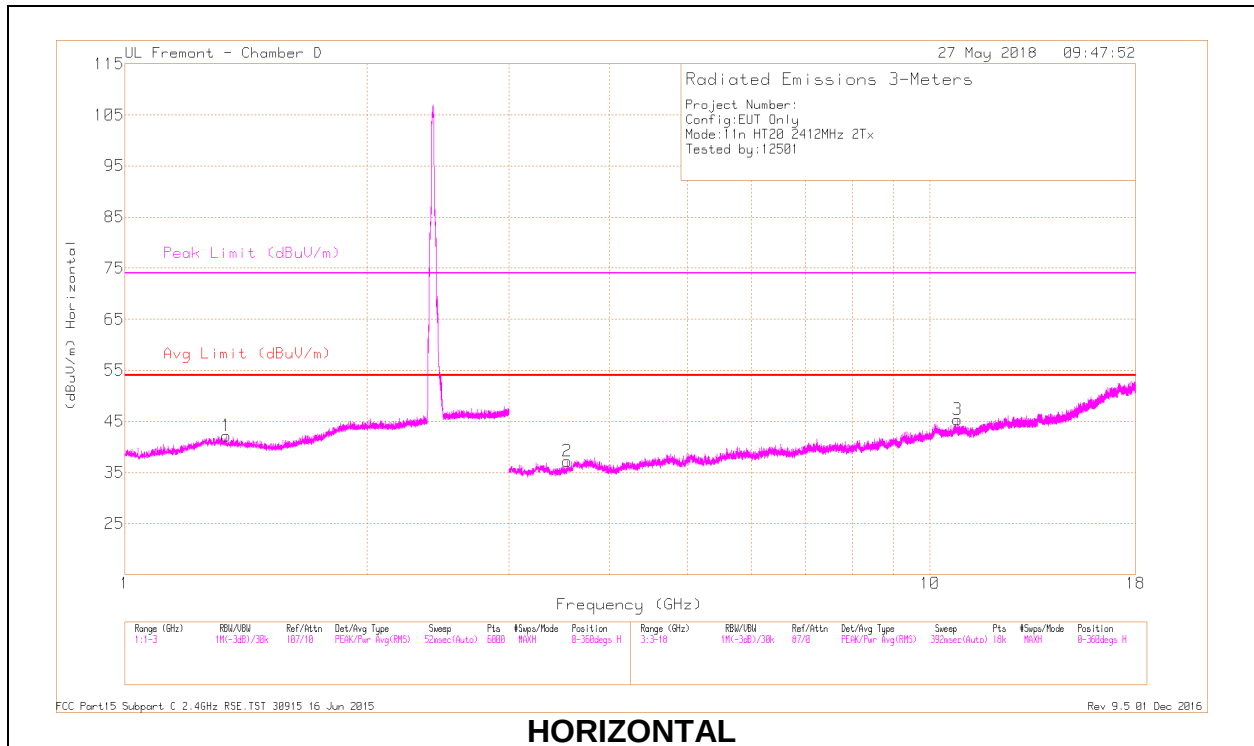
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

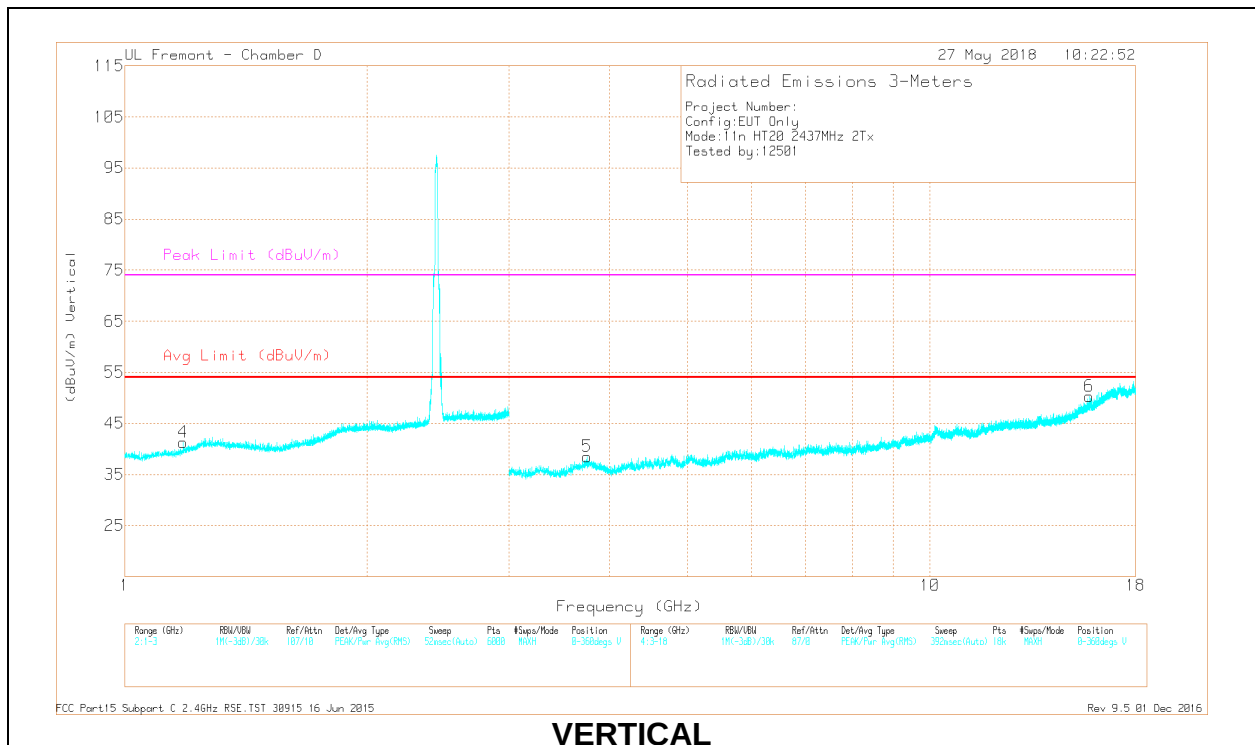
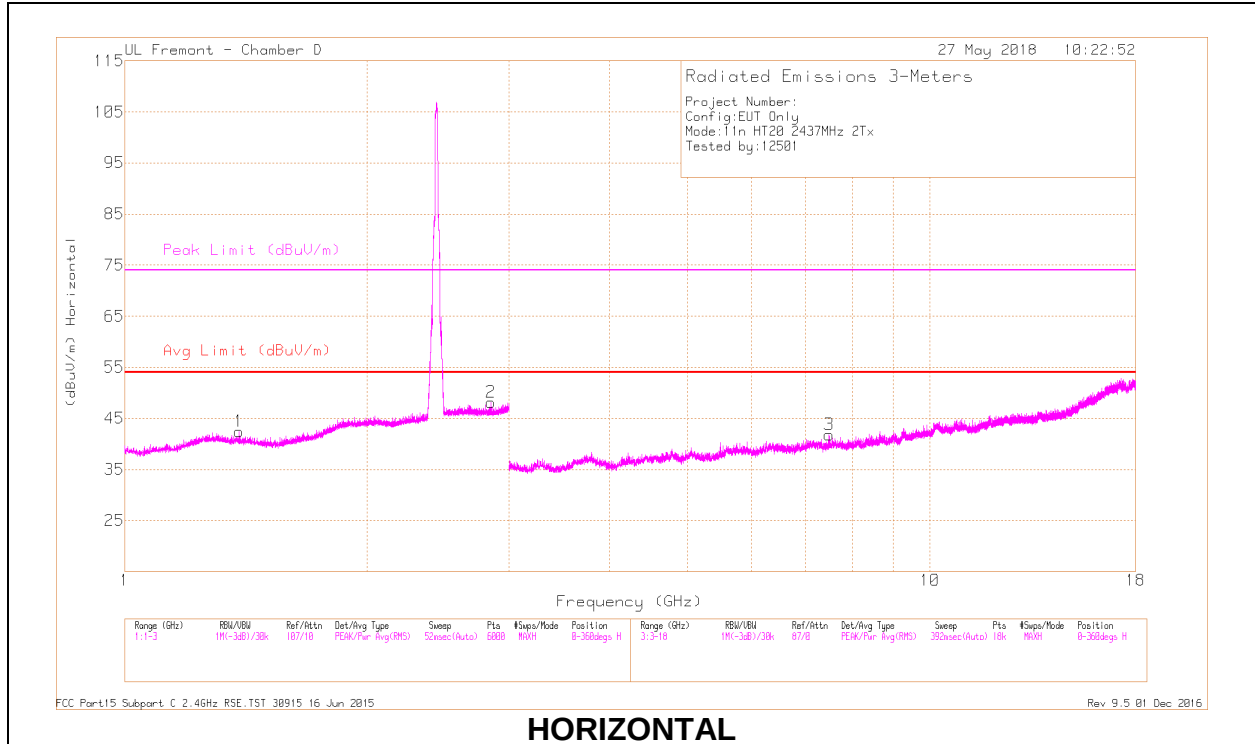
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.336         | 41.85                | PK2  | 29             | -21.9                   | 48.95                      | -                  | -           | 74                  | -25.05         | 19             | 199         | H        |
|        | * 1.336         | 29.62                | MAv1 | 29             | -21.9                   | 36.72                      | 54                 | -17.28      | -                   | -              | 19             | 199         | H        |
| 4      | * 1.211         | 41.93                | PK2  | 28.5           | -22.1                   | 48.33                      | -                  | -           | 74                  | -25.67         | 19             | 102         | V        |
|        | * 1.213         | 30.34                | MAv1 | 28.5           | -22.2                   | 36.64                      | 54                 | -17.36      | -                   | -              | 19             | 102         | V        |
| 2      | * 3.544         | 38.08                | PK2  | 33.4           | -27.9                   | 43.58                      | -                  | -           | 74                  | -30.42         | 19             | 200         | H        |
|        | * 3.546         | 26.92                | MAv1 | 33.4           | -27.9                   | 32.42                      | 54                 | -21.58      | -                   | -              | 19             | 200         | H        |
| 3      | * 10.81         | 32.85                | PK2  | 37.7           | -19.9                   | 50.65                      | -                  | -           | 74                  | -23.35         | 19             | 200         | H        |
|        | * 10.812        | 22.06                | MAv1 | 37.7           | -19.9                   | 39.86                      | 54                 | -14.14      | -                   | -              | 19             | 200         | H        |
| 5      | * 4.16          | 37.57                | PK2  | 33.6           | -27.7                   | 43.47                      | -                  | -           | 74                  | -30.53         | 19             | 200         | V        |
|        | * 4.161         | 26.44                | MAv1 | 33.6           | -27.6                   | 32.44                      | 54                 | -21.56      | -                   | -              | 19             | 200         | V        |
| 6      | * 7.685         | 35.46                | PK2  | 36             | -24.2                   | 47.26                      | -                  | -           | 74                  | -26.74         | 19             | 102         | V        |
|        | * 7.684         | 24.42                | MAv1 | 36             | -24.2                   | 36.22                      | 54                 | -17.78      | -                   | -              | 19             | 102         | 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

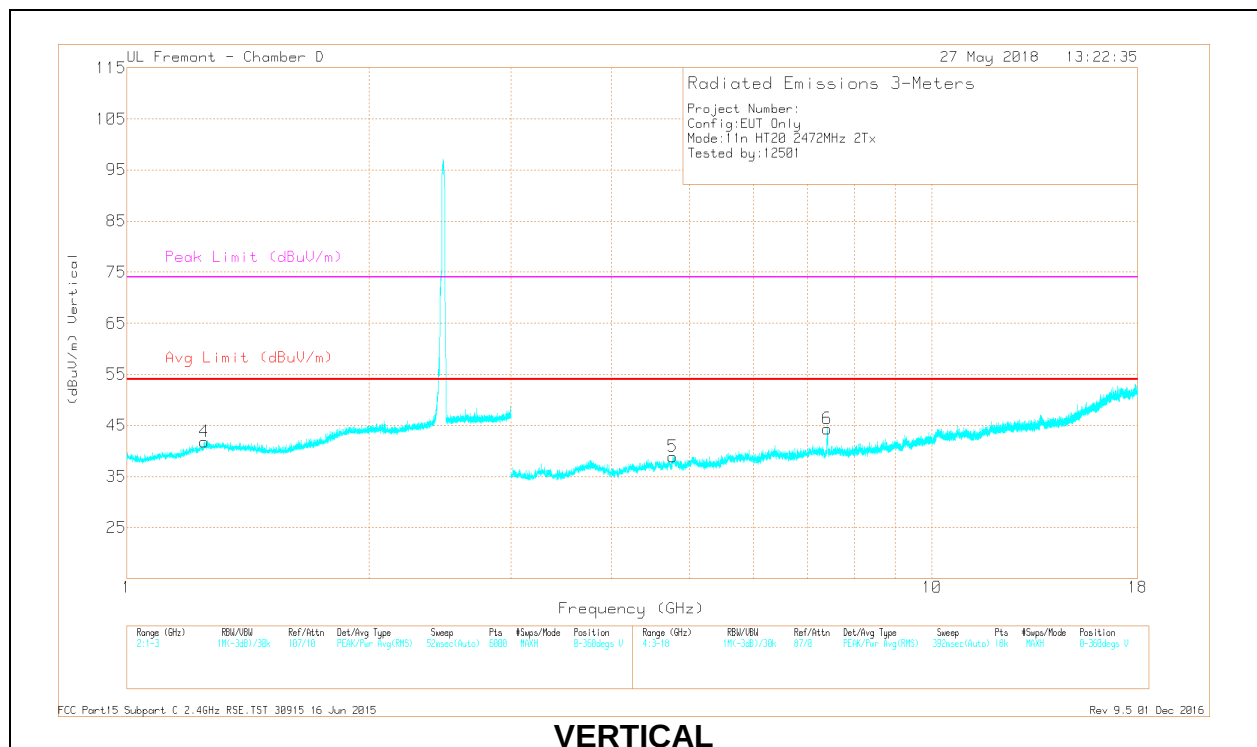
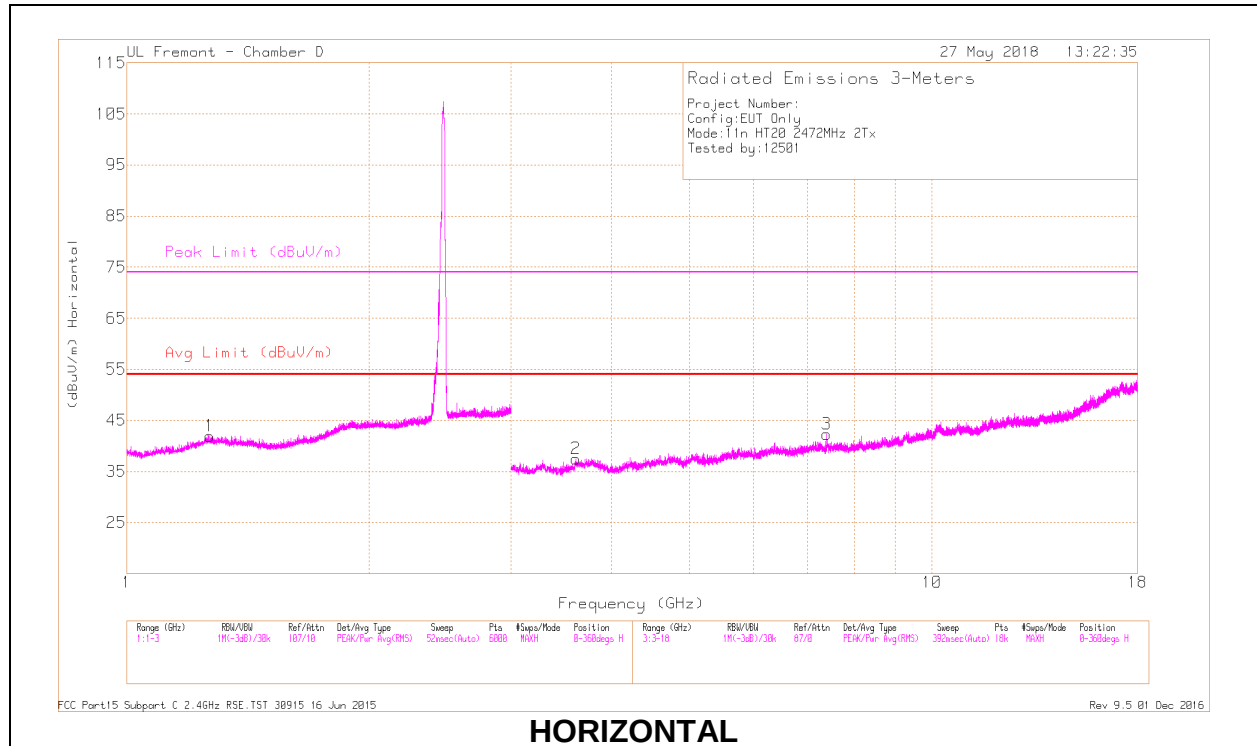
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T136<br>(dB/m) | Amp/Cbl/Fitr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|---------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 1.385                | 41.59                      | PK2  | 28.8              | -21.9                     | 48.49                                | -                     | -              | 74                     | -25.51               | 0                 | 201            | H        |
|        | * 1.386                | 30.1                       | MAv1 | 28.8              | -21.9                     | 37                                   | 54                    | -17            | -                      | -                    | 0                 | 201            | H        |
| 2      | * 2.853                | 41.35                      | PK2  | 32.5              | -19.9                     | 53.95                                | -                     | -              | 74                     | -20.05               | 0                 | 104            | H        |
|        | * 2.85                 | 29.78                      | MAv1 | 32.5              | -19.9                     | 42.38                                | 54                    | -11.62         | -                      | -                    | 0                 | 104            | H        |
| 4      | * 1.181                | 41.96                      | PK2  | 28                | -22.2                     | 47.76                                | -                     | -              | 74                     | -26.24               | 0                 | 201            | V        |
|        | * 1.181                | 30.24                      | MAv1 | 28                | -22.2                     | 36.04                                | 54                    | -17.96         | -                      | -                    | 0                 | 201            | V        |
| 3      | * 7.494                | 35.65                      | PK2  | 36.3              | -24.3                     | 47.65                                | -                     | -              | 74                     | -26.35               | 0                 | 201            | H        |
|        | * 7.492                | 24.4                       | MAv1 | 36.3              | -24.3                     | 36.4                                 | 54                    | -17.6          | -                      | -                    | 0                 | 201            | H        |
| 5      | * 3.751                | 37.62                      | PK2  | 33.5              | -28                       | 43.12                                | -                     | -              | 74                     | -30.88               | 0                 | 102            | V        |
|        | * 3.752                | 26.44                      | MAv1 | 33.5              | -28                       | 31.94                                | 54                    | -22.06         | -                      | -                    | 0                 | 102            | V        |
| 6      | * 15.752               | 33.55                      | PK2  | 41.1              | -18.3                     | 56.35                                | -                     | -              | 74                     | -17.65               | 0                 | 201            | V        |
|        | * 15.754               | 22.77                      | MAv1 | 41.1              | -18.4                     | 45.47                                | 54                    | -8.53          | -                      | -                    | 0                 | 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



## 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      | * 1.266         | 41.8                 | PK2  | 29.1           | -22                     | 48.9                       | -                  | -           | 74                  | -25.1          | 178            | 343         | H        |
|        | * 1.267         | 29.86                | MAv1 | 29.2           | -22                     | 37.06                      | 54                 | -16.94      | -                   | -              | 178            | 343         | H        |
| 4      | * 1.248         | 42.65                | PK2  | 29             | -22                     | 49.65                      | -                  | -           | 74                  | -24.35         | 178            | 201         | V        |
|        | * 1.249         | 30.26                | MAv1 | 29.1           | -22                     | 37.36                      | 54                 | -16.64      | -                   | -              | 178            | 201         | V        |
| 2      | * 3.611         | 37.44                | PK2  | 33.5           | -28                     | 42.94                      | -                  | -           | 74                  | -31.06         | 178            | 102         | H        |
|        | * 3.611         | 26.45                | MAv1 | 33.5           | -28                     | 31.95                      | 54                 | -22.05      | -                   | -              | 178            | 102         | H        |
| 3      | * 7.401         | 36.19                | PK2  | 36.2           | -24.4                   | 47.99                      | -                  | -           | 74                  | -26.01         | 256            | 301         | H        |
|        | * 7.401         | 23.76                | MAv1 | 36.2           | -24.4                   | 35.56                      | 54                 | -18.44      | -                   | -              | 256            | 301         | H        |
| 5      | * 4.763         | 37.44                | PK2  | 34.6           | -26.3                   | 45.74                      | -                  | -           | 74                  | -28.26         | 256            | 201         | V        |
|        | * 4.765         | 26.41                | MAv1 | 34.6           | -26.3                   | 34.71                      | 54                 | -19.29      | -                   | -              | 256            | 201         | V        |
| 6      | * 7.409         | 35.6                 | PK2  | 36.2           | -24.4                   | 47.4                       | -                  | -           | 74                  | -26.6          | 238            | 285         | V        |
|        | * 7.41          | 23.73                | MAv1 | 36.2           | -24.4                   | 35.53                      | 54                 | -18.47      | -                   | -              | 238            | 285         | V        |

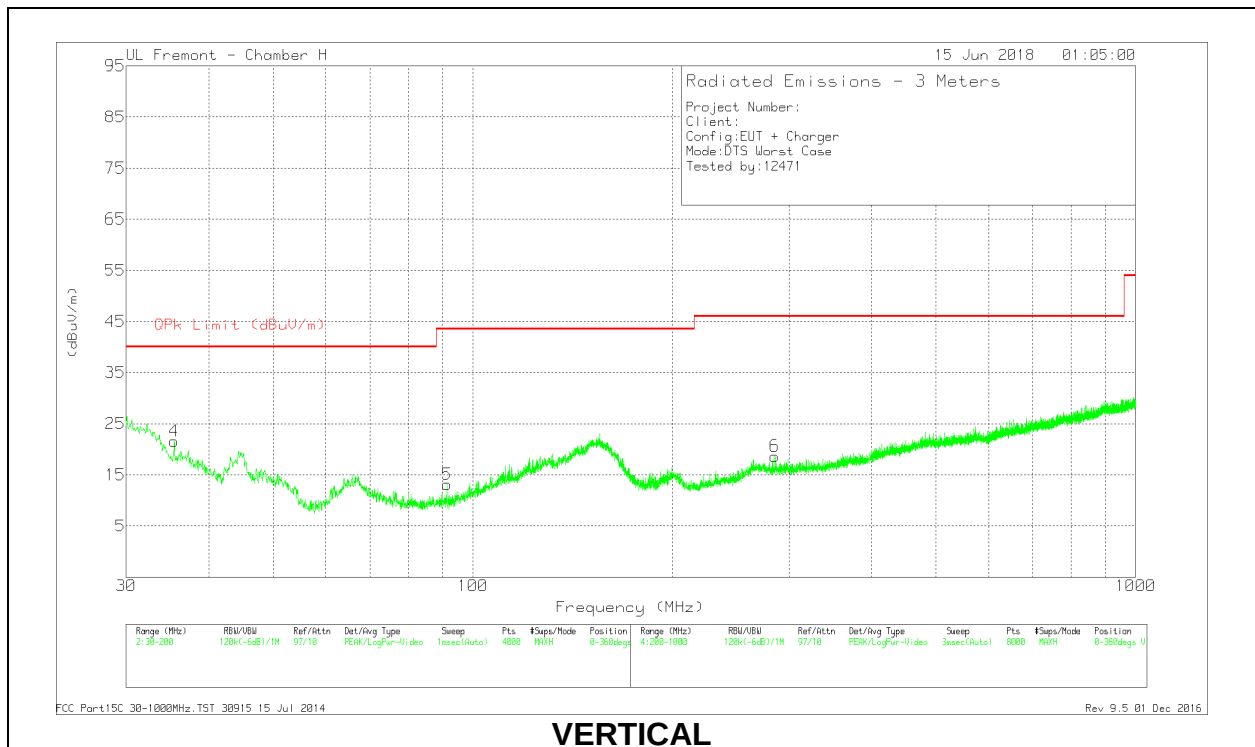
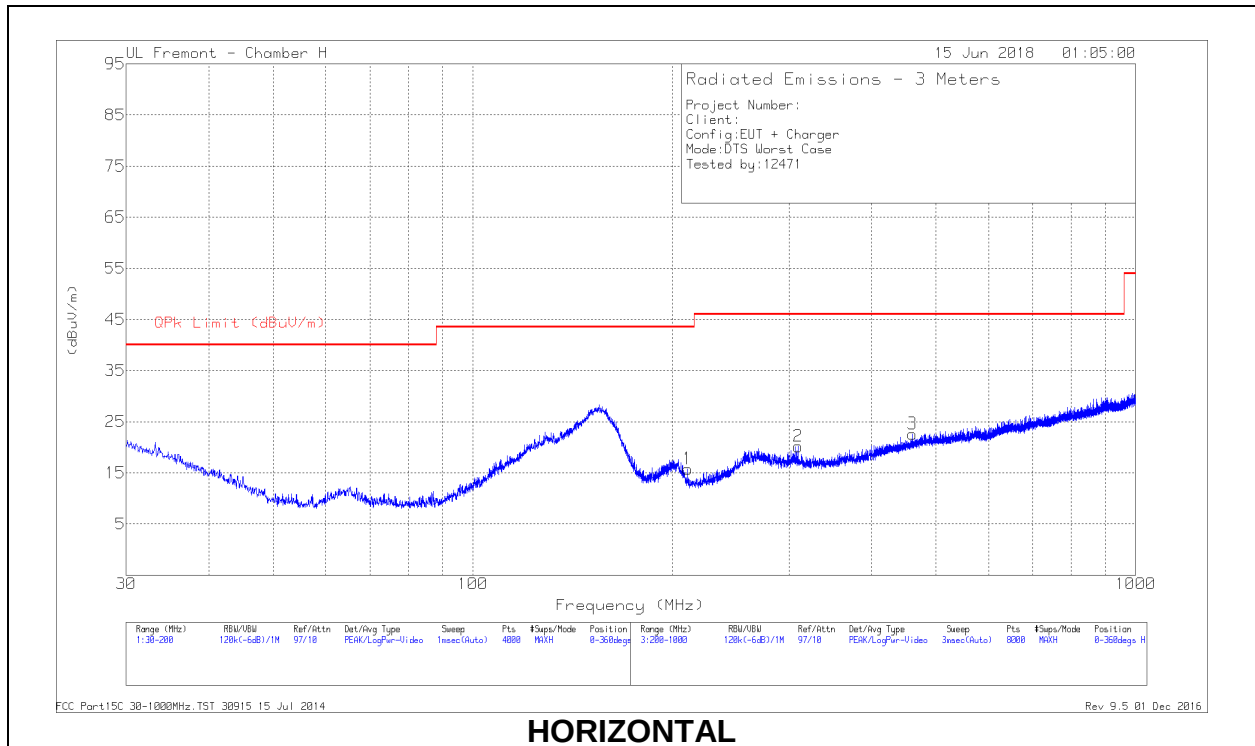
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



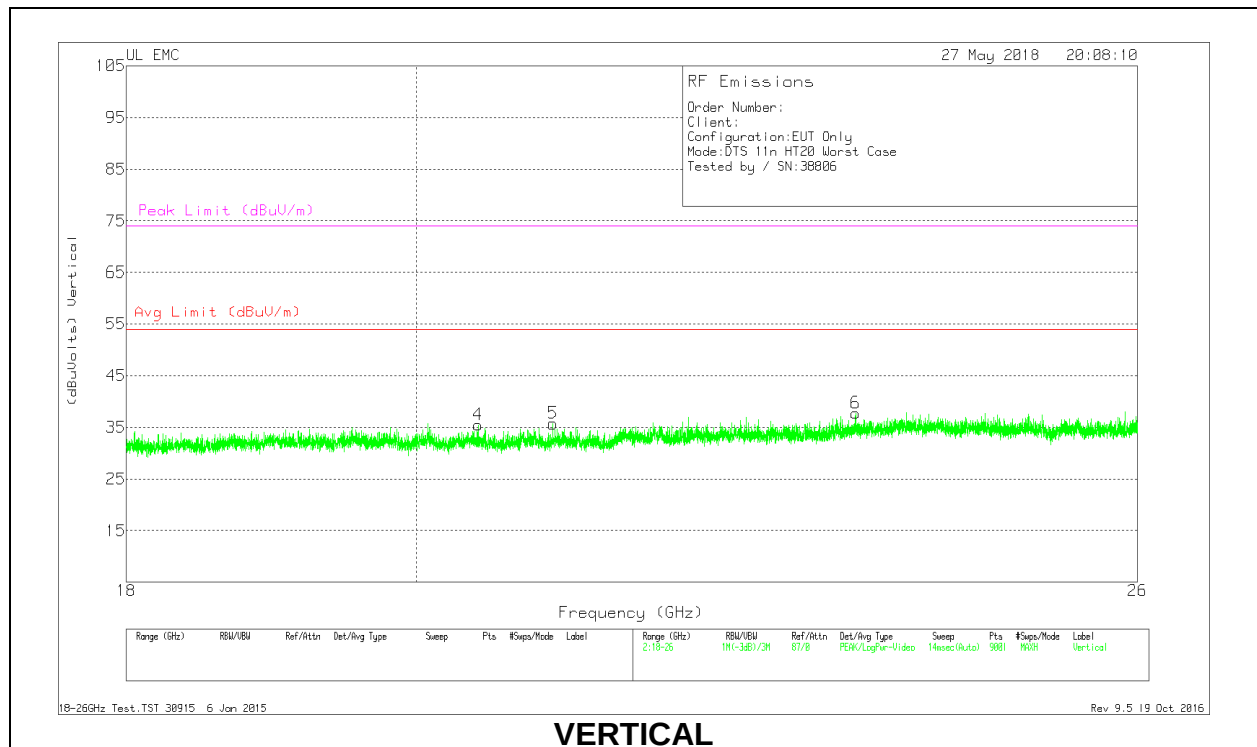
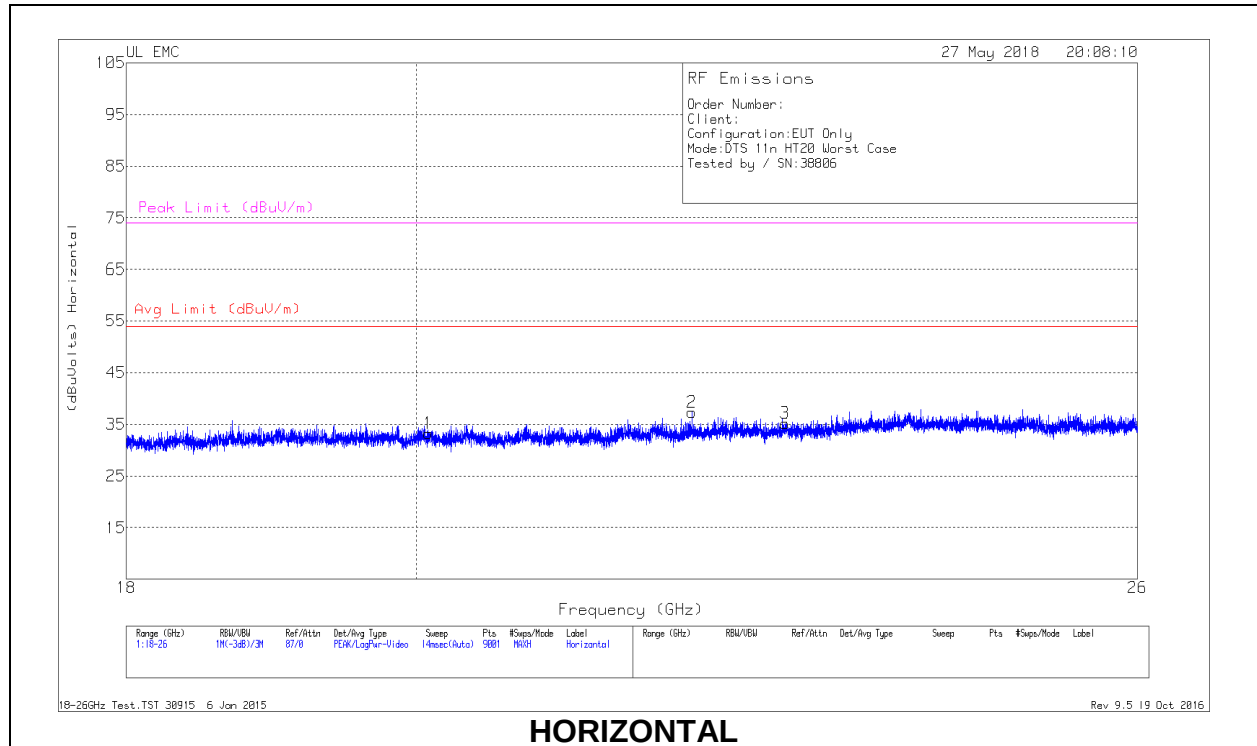
## 9.2. Worst Case Below 1 GHz



**Below 1GHz DATA**

| Marker | Frequenc<br>y<br>(MHz) | Meter<br>Reading<br>(dBuV) | Det | AF T185<br>(dB/m) | Amp/Cbl<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | QPk Limit<br>(dBuV/m) | Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|-----|-------------------|-----------------|----------------------------------|-----------------------|----------------|-------------------|----------------|----------|
| 4      | 35.4414                | 32.29                      | Pk  | 20.6              | -31.3           | 21.59                            | 40                    | -18.41         | 0-360             | 100            | V        |
| 5      | 91.4284                | 31.82                      | Pk  | 11.9              | -30.6           | 13.12                            | 43.52                 | -30.4          | 0-360             | 100            | V        |
| 1      | 211.1014               | 31.06                      | Pk  | 14.3              | -29.6           | 15.76                            | 43.52                 | -27.76         | 0-360             | 101            | H        |
| 6      | 285.7111               | 30.65                      | Pk  | 17.2              | -29.2           | 18.65                            | 46.02                 | -27.37         | 0-360             | 100            | V        |
| 2      | 309.8143               | 31.78                      | Pk  | 17.5              | -29.1           | 20.18                            | 46.02                 | -25.84         | 0-360             | 101            | H        |
| 3      | 460.6339               | 30.03                      | Pk  | 21                | -28.4           | 22.63                            | 46.02                 | -23.39         | 0-360             | 199            | H        |

### 9.3. Worst Case 18-26 GHz



**18 – 26GHz DATA**

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T449 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      | 20.09                  | 34.92                      | Pk  | 32.8              | -25          | -9.5              | 33.22                                  | 54                    | -20.78         | 74                     | -40.78               |
| 2      | 22.11                  | 38.22                      | Pk  | 33.4              | -24.8        | -9.5              | 37.32                                  | 54                    | -16.68         | 74                     | -36.68               |
| 3      | 22.872                 | 36.18                      | Pk  | 33.5              | -25          | -9.5              | 35.18                                  | 54                    | -18.82         | 74                     | -38.82               |
| 4      | 20.456                 | 37.07                      | Pk  | 33.1              | -25.2        | -9.5              | 35.47                                  | 54                    | -18.53         | 74                     | -38.53               |
| 5      | 21.02                  | 37.52                      | Pk  | 33.2              | -25.5        | -9.5              | 35.72                                  | 54                    | -18.28         | 74                     | -38.28               |
| 6      | 23.466                 | 37.82                      | Pk  | 33.9              | -24.5        | -9.5              | 37.72                                  | 54                    | -16.28         | 74                     | -36.28               |

## 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.

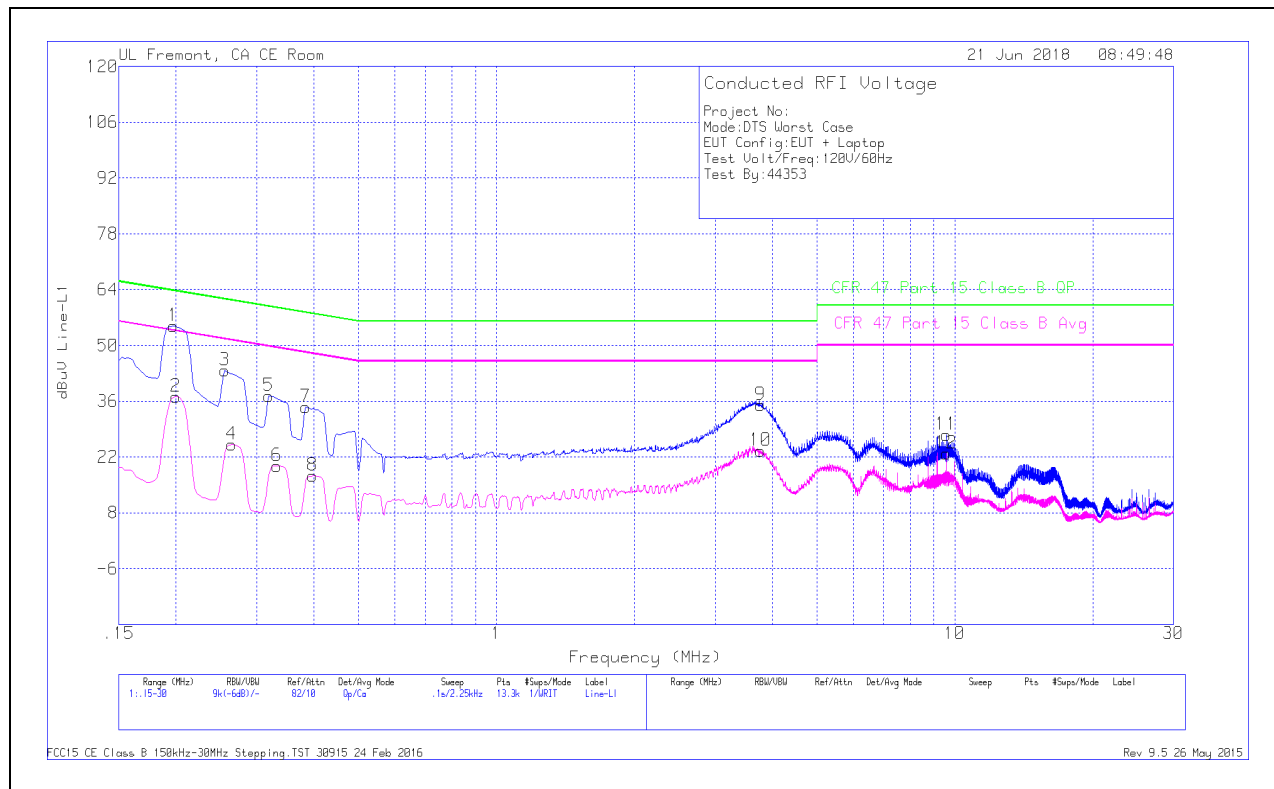
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

## 10.1.1. AC Power Line Host

### LINE 1 RESULTS

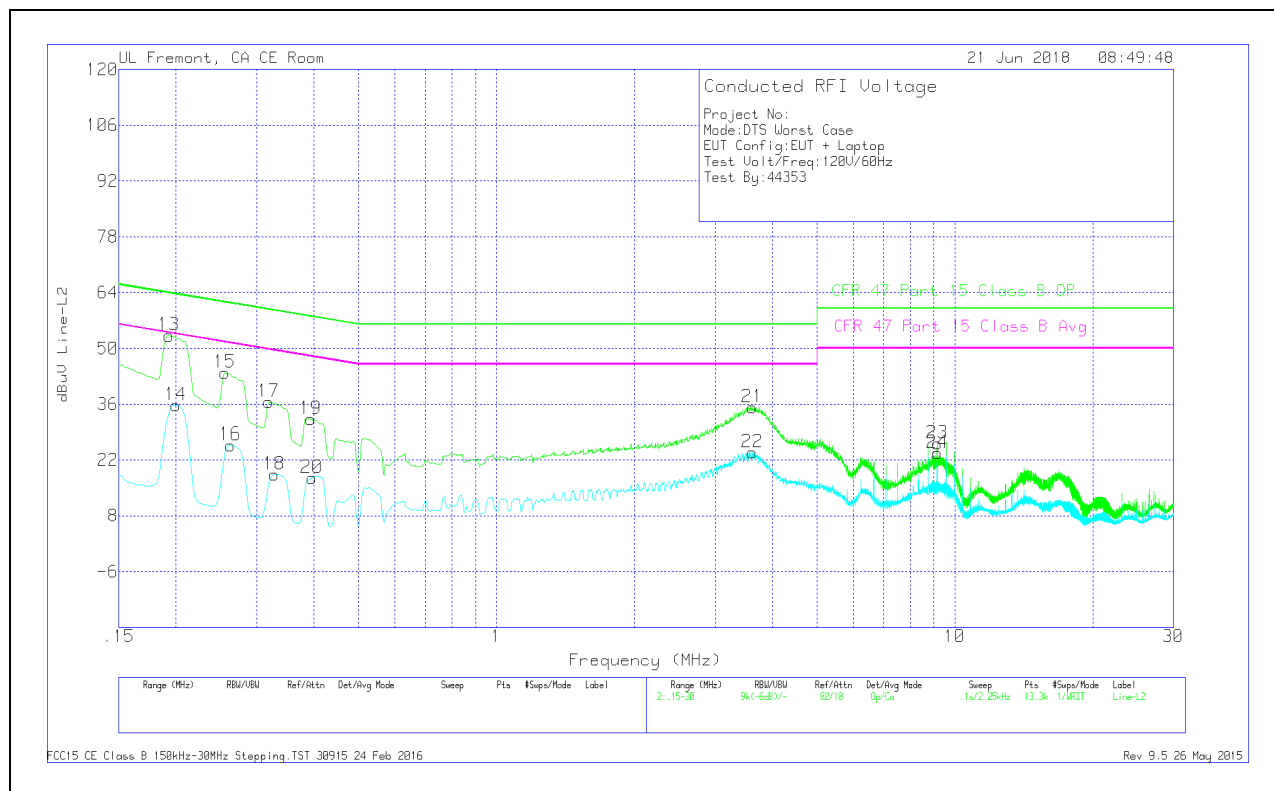


| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 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                            | .19725          | 44.12                | Qp  | .6      | 0               | 10.1         | 54.82                  | 63.73                     | -8.91          | -                          | -                    |
| 2                            | .1995           | 26.42                | Ca  | .6      | 0               | 10.1         | 37.12                  | -                         | -              | 53.63                      | -16.51               |
| 3                            | .25575          | 33.17                | Qp  | .4      | 0               | 10.1         | 43.67                  | 61.57                     | -17.9          | -                          | -                    |
| 4                            | .26475          | 14.59                | Ca  | .4      | 0               | 10.1         | 25.09                  | -                         | -              | 51.28                      | -26.19               |
| 5                            | .31875          | 26.83                | Qp  | .4      | 0               | 10.1         | 37.33                  | 59.74                     | -22.41         | -                          | -                    |
| 6                            | .33225          | 9.36                 | Ca  | .3      | 0               | 10.1         | 19.76                  | -                         | -              | 49.39                      | -29.63               |
| 7                            | .384            | 24.17                | Qp  | .2      | 0               | 10.1         | 34.47                  | 58.19                     | -23.72         | -                          | -                    |
| 8                            | .3975           | 6.97                 | Ca  | .2      | 0               | 10.1         | 17.27                  | -                         | -              | 47.91                      | -30.64               |
| 9                            | 3.77025         | 24.71                | Qp  | .1      | .1              | 10.1         | 35.01                  | 56                        | -20.99         | -                          | -                    |
| 10                           | 3.77025         | 13.35                | Ca  | .1      | .1              | 10.1         | 23.65                  | -                         | -              | 46                         | -22.35               |
| 11                           | 9.573           | 17.14                | Qp  | .1      | .2              | 10.2         | 27.64                  | 60                        | -32.36         | -                          | -                    |
| 12                           | 9.573           | 12.36                | Ca  | .1      | .2              | 10.2         | 22.86                  | -                         | -              | 50                         | -27.14               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



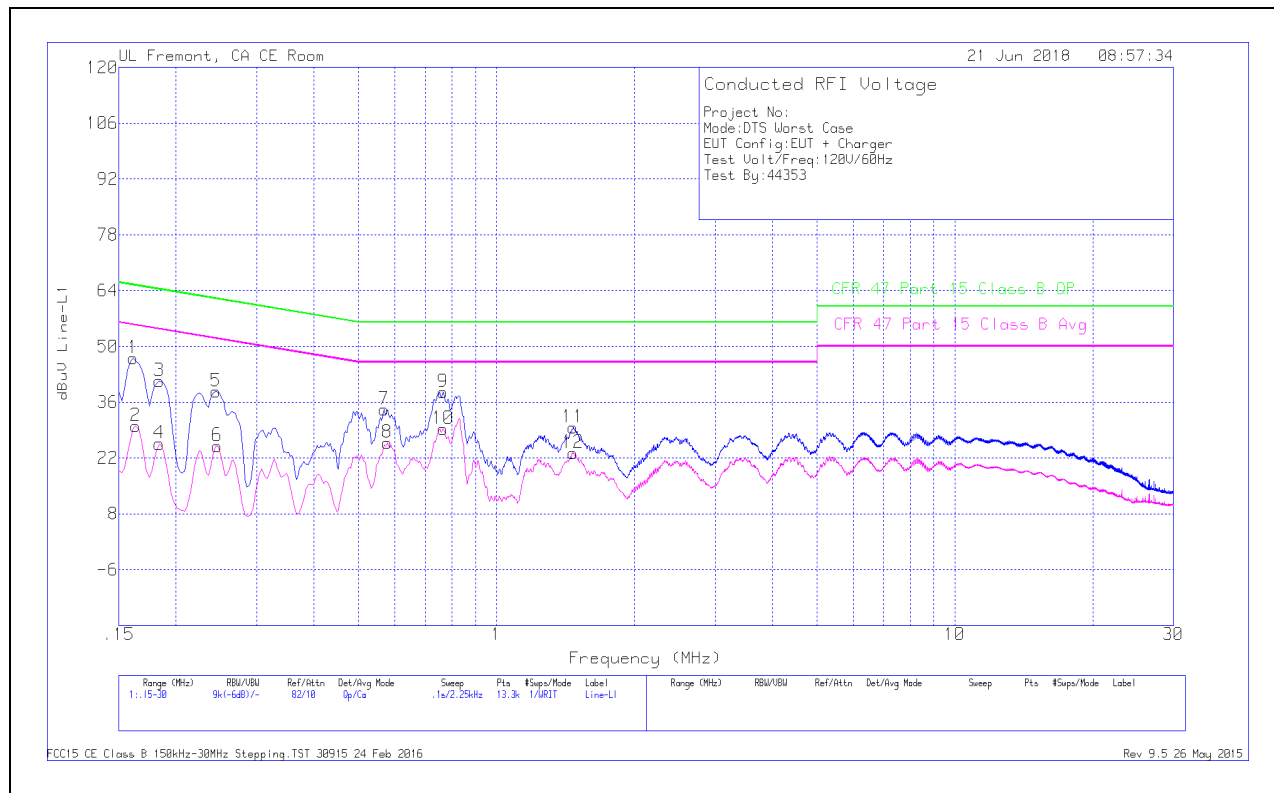
| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 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                           | .19275          | 43.02                | Qp  | .1      | 0               | 10.1         | 53.22                  | 63.92                     | -10.7          | -                          | -                    |
| 14                           | .1995           | 25.62                | Ca  | .1      | 0               | 10.1         | 35.82                  | -                         | -              | 53.63                      | -17.81               |
| 15                           | .25575          | 33.73                | Qp  | .1      | 0               | 10.1         | 43.93                  | 61.57                     | -17.64         | -                          | -                    |
| 16                           | .2625           | 15.55                | Ca  | .1      | 0               | 10.1         | 25.75                  | -                         | -              | 51.35                      | -25.6                |
| 17                           | .31875          | 26.44                | Qp  | .1      | 0               | 10.1         | 36.64                  | 59.74                     | -23.1          | -                          | -                    |
| 18                           | .32775          | 8.2                  | Ca  | .1      | 0               | 10.1         | 18.4                   | -                         | -              | 49.51                      | -31.11               |
| 19                           | .393            | 22.14                | Qp  | .1      | 0               | 10.1         | 32.34                  | 58                        | -25.66         | -                          | -                    |
| 20                           | .39525          | 7.29                 | Ca  | .1      | 0               | 10.1         | 17.49                  | -                         | -              | 47.95                      | -30.46               |
| 21                           | 3.61725         | 25.07                | Qp  | 0       | .1              | 10.1         | 35.27                  | 56                        | -20.73         | -                          | -                    |
| 22                           | 3.615           | 13.75                | Ca  | 0       | .1              | 10.1         | 23.95                  | -                         | -              | 46                         | -22.05               |
| 23                           | 9.15675         | 15.86                | Qp  | 0       | .2              | 10.2         | 26.26                  | 60                        | -33.74         | -                          | -                    |
| 24                           | 9.15675         | 13.43                | Ca  | 0       | .2              | 10.2         | 23.83                  | -                         | -              | 50                         | -26.17               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## 10.1.2. AC Power Line Norm

### LINE 1 RESULTS



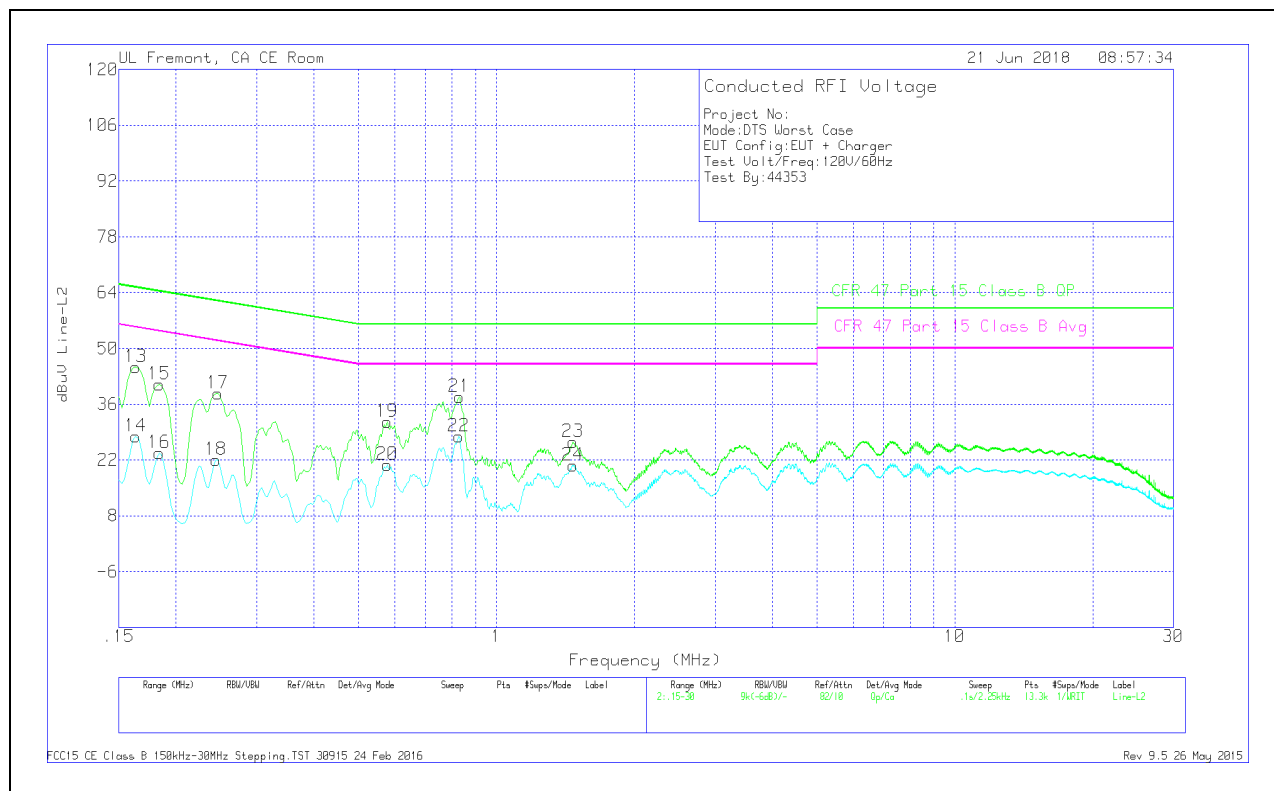
| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |         |                 |              |                        |                           |                |                            |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 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          | 36.24                | Qp  | .7      | 0               | 10.1         | 47.04                  | 65.4                      | -18.36         | -                          | -                    |
| 2                            | .1635           | 19.16                | Ca  | .7      | 0               | 10.1         | 29.96                  | -                         | -              | 55.28                      | -25.32               |
| 3                            | .18375          | 30.48                | Qp  | .7      | 0               | 10.1         | 41.28                  | 64.31                     | -23.03         | -                          | -                    |
| 4                            | .18375          | 14.78                | Ca  | .7      | 0               | 10.1         | 25.58                  | -                         | -              | 54.31                      | -28.73               |
| 5                            | .2445           | 28.21                | Qp  | .4      | 0               | 10.1         | 38.71                  | 61.94                     | -23.23         | -                          | -                    |
| 6                            | .24563          | 14.55                | Ca  | .4      | 0               | 10.1         | 25.05                  | -                         | -              | 51.9                       | -26.85               |
| 7                            | .5685           | 23.98                | Qp  | .1      | 0               | 10.1         | 34.18                  | 56                        | -21.82         | -                          | -                    |
| 8                            | .5775           | 15.58                | Ca  | .1      | 0               | 10.1         | 25.78                  | -                         | -              | 46                         | -20.22               |
| 9                            | .76425          | 28.4                 | Qp  | .1      | 0               | 10.1         | 38.6                   | 56                        | -17.4          | -                          | -                    |
| 10                           | .76425          | 19.17                | Ca  | .1      | 0               | 10.1         | 29.37                  | -                         | -              | 46                         | -16.63               |
| 11                           | 1.47075         | 19.37                | Qp  | .1      | .1              | 10.1         | 29.67                  | 56                        | -26.33         | -                          | -                    |
| 12                           | 1.47075         | 13.01                | Ca  | .1      | .1              | 10.1         | 23.31                  | -                         | -              | 46                         | -22.69               |

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                           | .1635           | 35.12                | Qp  | .1      | 0               | 10.1         | 45.32                  | 65.28                     | -19.96         | -                          | -                    |
| 14                           | .1635           | 17.73                | Ca  | .1      | 0               | 10.1         | 27.93                  | -                         | -              | 55.28                      | -27.35               |
| 15                           | .18375          | 30.68                | Qp  | .1      | 0               | 10.1         | 40.88                  | 64.31                     | -23.43         | -                          | -                    |
| 16                           | .18375          | 13.56                | Ca  | .1      | 0               | 10.1         | 23.76                  | -                         | -              | 54.31                      | -30.55               |
| 17                           | .24675          | 28.55                | Qp  | .1      | 0               | 10.1         | 38.75                  | 61.87                     | -23.12         | -                          | -                    |
| 18                           | .2445           | 11.84                | Ca  | .1      | 0               | 10.1         | 22.04                  | -                         | -              | 51.94                      | -29.9                |
| 19                           | .5775           | 21.34                | Qp  | .1      | 0               | 10.1         | 31.54                  | 56                        | -24.46         | -                          | -                    |
| 20                           | .5775           | 10.55                | Ca  | .1      | 0               | 10.1         | 20.75                  | -                         | -              | 46                         | -25.25               |
| 21                           | .8295           | 27.67                | Qp  | .1      | 0               | 10.1         | 37.87                  | 56                        | -18.13         | -                          | -                    |
| 22                           | .82725          | 17.65                | Ca  | .1      | 0               | 10.1         | 27.85                  | -                         | -              | 46                         | -18.15               |
| 23                           | 1.47075         | 16.39                | Qp  | 0       | .1              | 10.1         | 26.59                  | 56                        | -29.41         | -                          | -                    |
| 24                           | 1.4685          | 10.47                | Ca  | 0       | .1              | 10.1         | 20.67                  | -                         | -              | 46                         | -25.33               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## **11. SETUP PHOTOS**

Please refer to 12216366-EP1V1 for setup photos

**END OF REPORT**