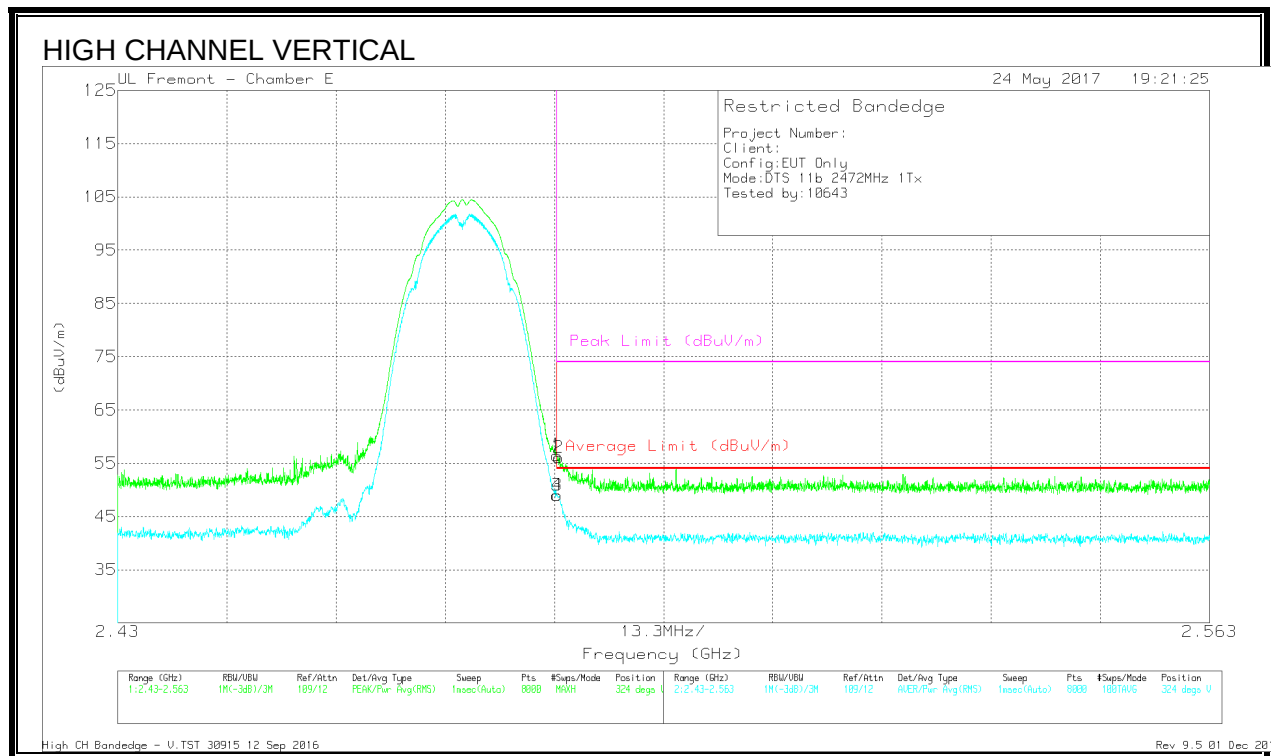




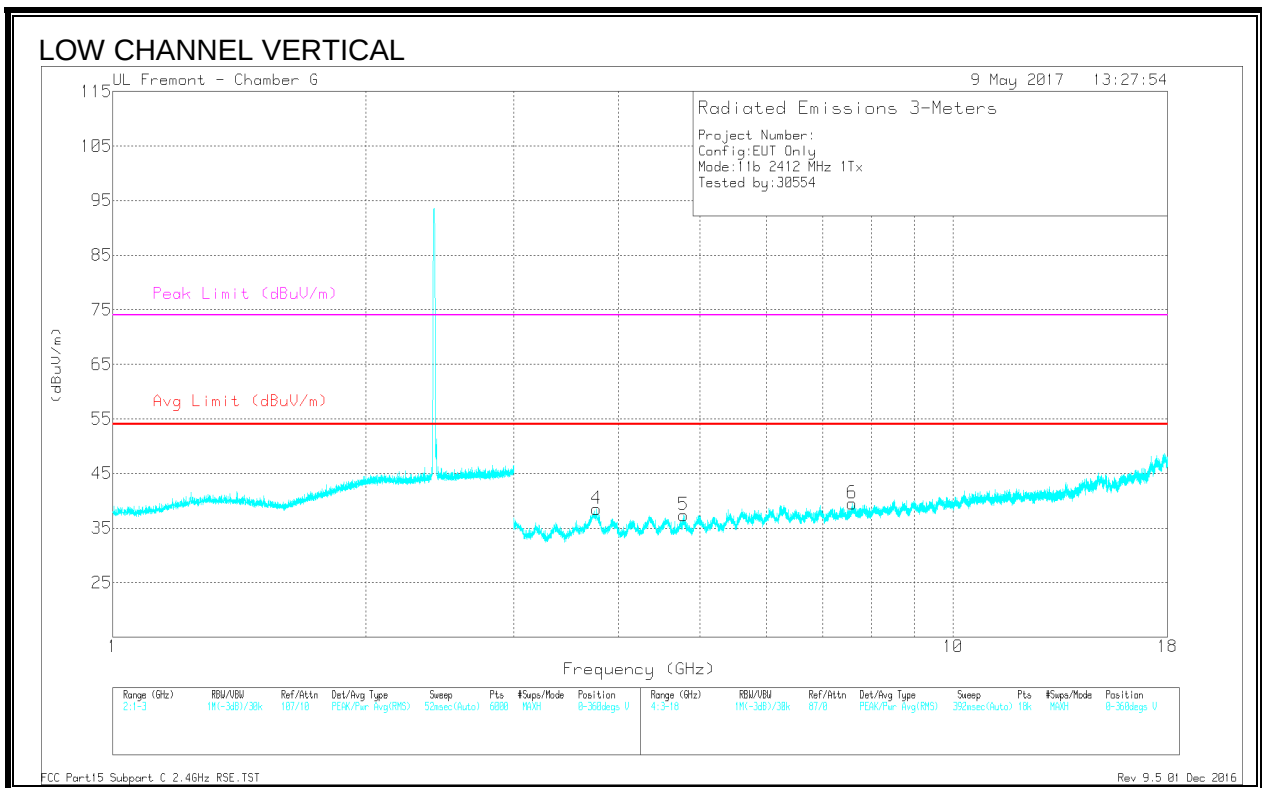
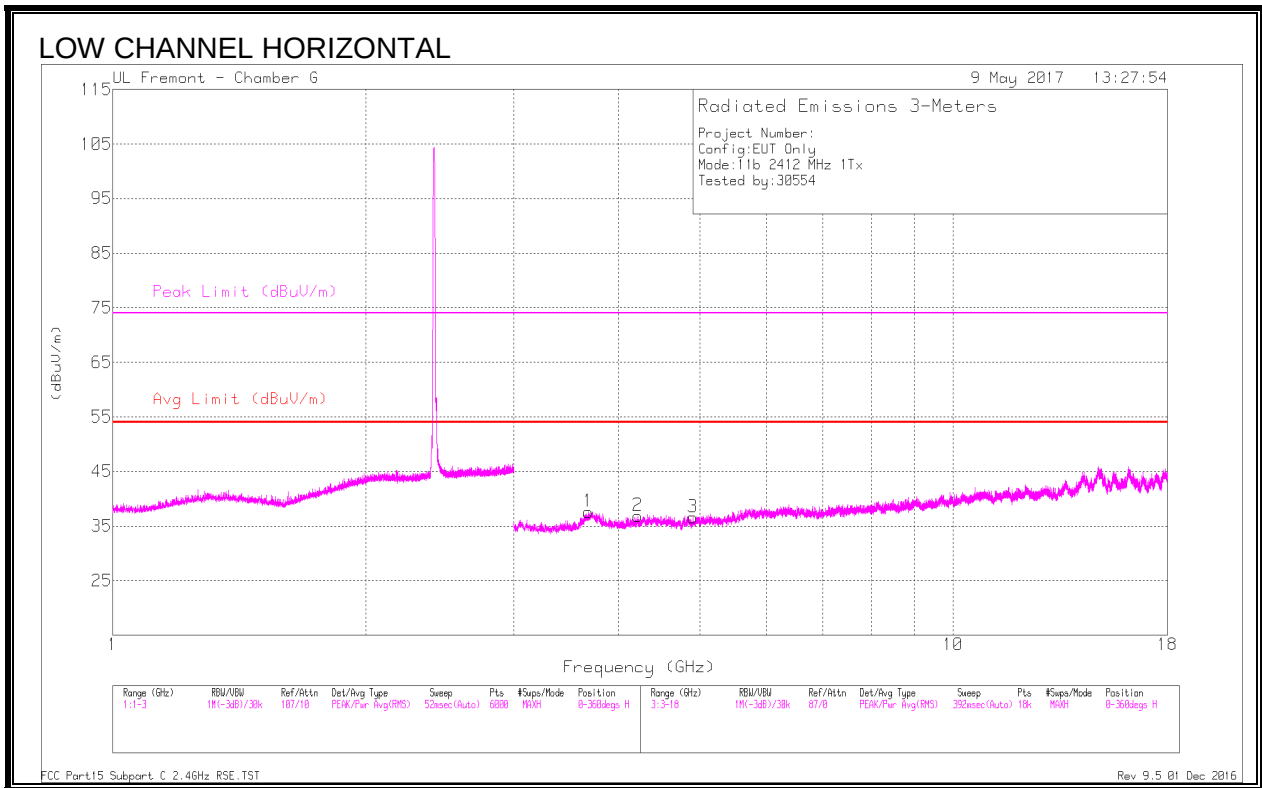
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T136<br>(dB/m) | Amp/Cbl/<br>Filtr/Pad<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | Average<br>Limit<br>(dBuV/m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|-----|-------------------|-------------------------------|----------------------------------|------------------------------|----------------|---------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 2.484                | 43.47                      | Pk  | 32.7              | -19.7                         | 56.47                            | -                            | -              | 74                        | -17.53               | 324               | 227            | V        |
| 2      | * 2.484                | 43.05                      | Pk  | 32.7              | -19.7                         | 56.05                            | -                            | -              | 74                        | -17.95               | 324               | 227            | V        |
| 3      | * 2.484                | 35.96                      | RMS | 32.7              | -19.7                         | 48.96                            | 54                           | -5.04          | -                         | -                    | 324               | 227            | V        |
| 4      | * 2.484                | 35.99                      | RMS | 32.7              | -19.7                         | 48.99                            | 54                           | -5.01          | -                         | -                    | 324               | 227            | 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)**



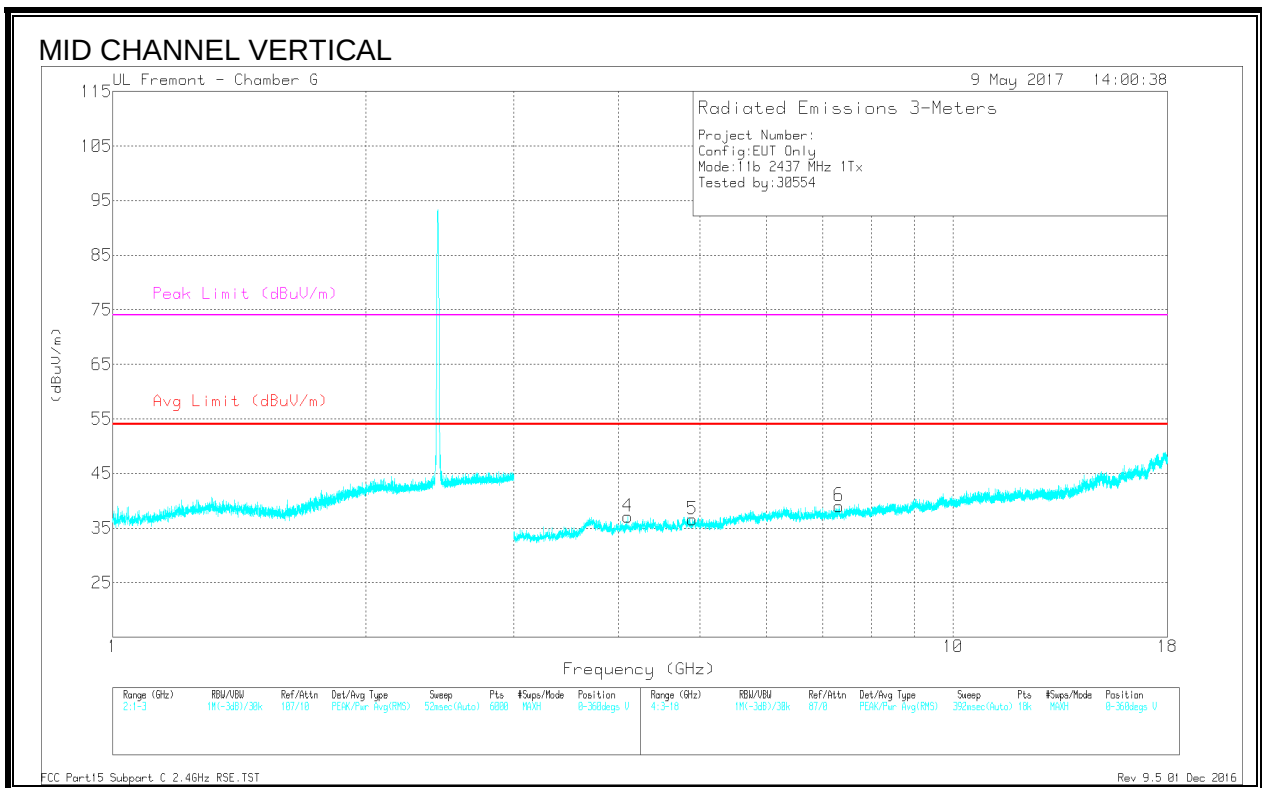
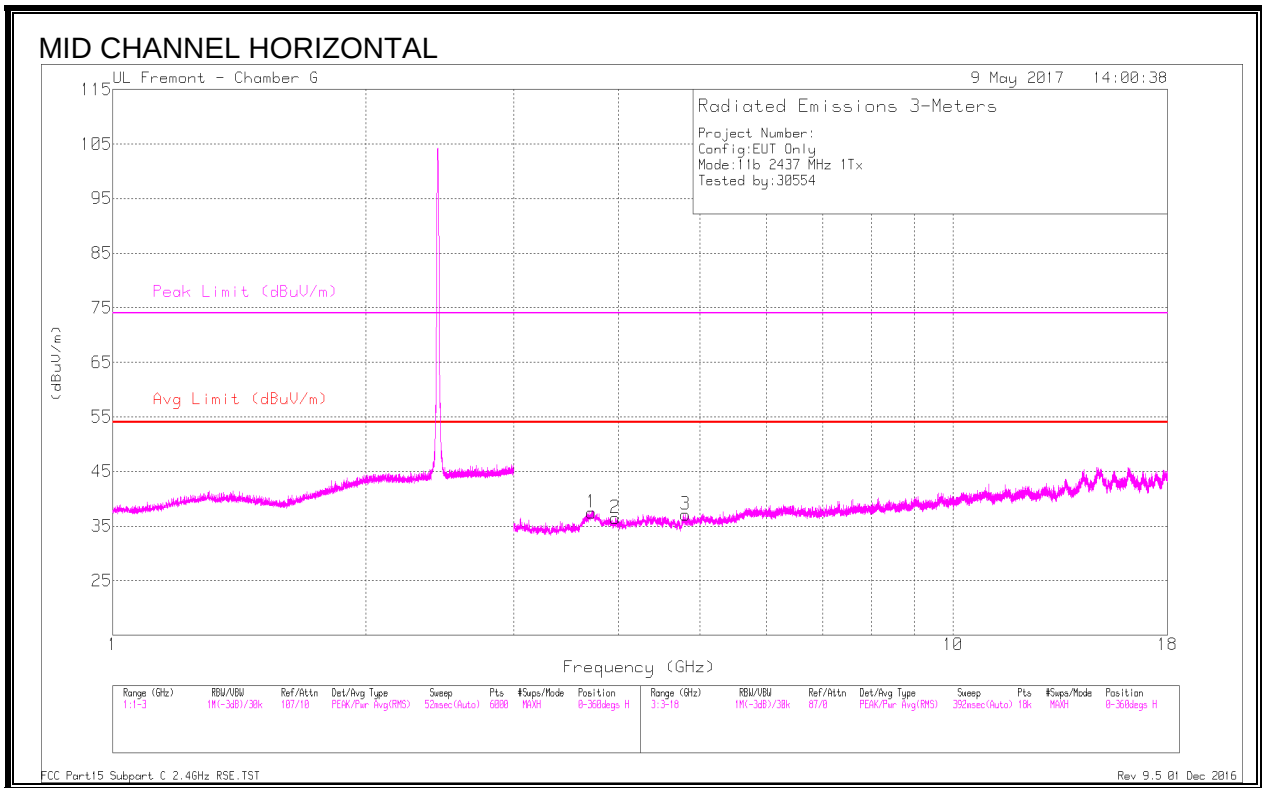
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1       | * 3.686         | 40.27                | PK2  | 33.3           | -30.8                   | 42.77                      |                    |             | 74                  | -31.23         | 247            | 244         | H        |
|         | * 3.682         | 28.66                | MAv1 | 33.3           | -30.9                   | 31.06                      | 54                 | -22.94      | -                   | -              | 247            | 244         | H        |
| 2       | * 4.212         | 41.45                | PK2  | 33.7           | -32.1                   | 43.05                      |                    |             | 74                  | -30.95         | 239            | 218         | H        |
|         | * 4.213         | 30.02                | MAv1 | 33.7           | -32.1                   | 31.62                      | 54                 | -22.38      | -                   | -              | 239            | 218         | H        |
| 3       | * 4.906         | 41.01                | PK2  | 34.1           | -31.9                   | 43.21                      |                    |             | 74                  | -30.79         | 264            | 190         | H        |
|         | * 4.906         | 29.37                | MAv1 | 34.1           | -31.9                   | 31.57                      | 54                 | -22.43      | -                   | -              | 264            | 190         | H        |
| 4       | * 3.763         | 39.37                | PK2  | 33.3           | -31.3                   | 41.37                      |                    |             | 74                  | -32.63         | 269            | 199         | V        |
|         | * 3.762         | 28.41                | MAv1 | 33.3           | -31.2                   | 30.51                      | 54                 | -23.49      | -                   | -              | 269            | 199         | V        |
| 5       | * 4.782         | 42.04                | PK2  | 34.1           | -31.9                   | 44.24                      |                    |             | 74                  | -29.76         | 254            | 209         | V        |
|         | * 4.781         | 30.56                | MAv1 | 34.1           | -31.9                   | 32.76                      | 54                 | -21.24      | -                   | -              | 254            | 209         | V        |
| 6       | * 7.582         | 39.24                | PK2  | 35.8           | -29.3                   | 45.74                      |                    |             | 74                  | -28.26         | 264            | 190         | V        |
|         | * 7.582         | 27.96                | MAv1 | 35.8           | -29.3                   | 34.46                      | 54                 | -19.54      | -                   | -              | 264            | 190         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)**



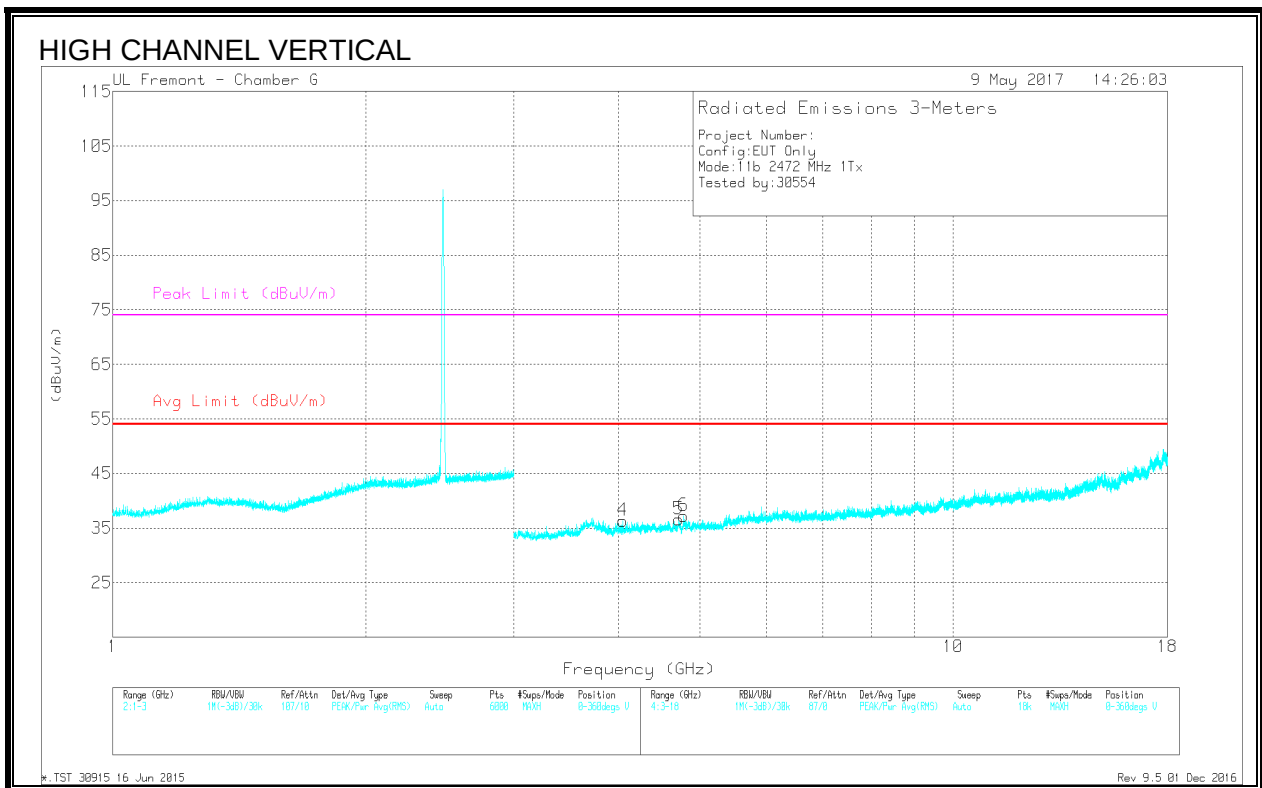
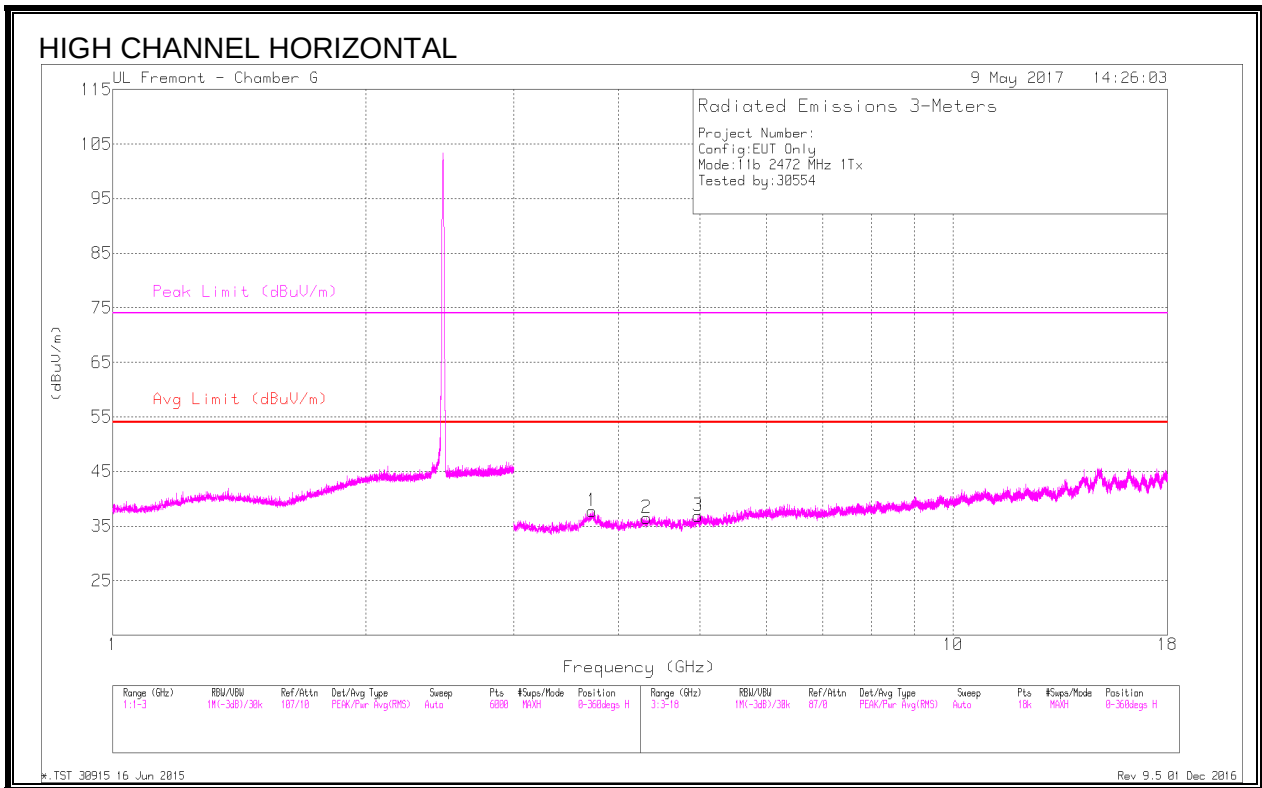
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1       | * 3.715         | 41.61                | PK2  | 33.3           | -30.7                   | 44.21                      | -                  | -           | 74                  | -29.79         | 160            | 287         | H        |
|         | * 3.715         | 29.2                 | MAv1 | 33.3           | -30.7                   | 31.8                       | 54                 | -22.2       | -                   | -              | 160            | 287         | H        |
| 2       | * 3.964         | 41.69                | PK2  | 33.6           | -31.7                   | 43.59                      | -                  | -           | 74                  | -30.41         | 168            | 268         | H        |
|         | * 3.964         | 29.96                | MAv1 | 33.6           | -31.7                   | 31.86                      | 54                 | -22.14      | -                   | -              | 168            | 268         | H        |
| 3       | * 4.804         | 40.82                | PK2  | 34.1           | -31.9                   | 43.02                      | -                  | -           | 74                  | -30.98         | 179            | 240         | H        |
|         | * 4.804         | 29.43                | MAv1 | 34.1           | -31.9                   | 31.63                      | 54                 | -22.37      | -                   | -              | 179            | 240         | H        |
| 4       | * 4.104         | 41.36                | PK2  | 33.6           | -31.9                   | 43.06                      | -                  | -           | 74                  | -30.94         | 188            | 264         | V        |
|         | * 4.103         | 30.05                | MAv1 | 33.6           | -31.9                   | 31.75                      | 54                 | -22.25      | -                   | -              | 188            | 264         | V        |
| 5       | * 4.896         | 39.99                | PK2  | 34.1           | -31.8                   | 42.29                      | -                  | -           | 74                  | -31.71         | 200            | 246         | V        |
|         | * 4.895         | 28.07                | MAv1 | 34.1           | -31.8                   | 30.37                      | 54                 | -23.63      | -                   | -              | 200            | 246         | V        |
| 6       | * 7.323         | 40.48                | PK2  | 35.6           | -29.9                   | 46.18                      | -                  | -           | 74                  | -27.82         | 209            | 230         | V        |
|         | * 7.322         | 28.4                 | MAv1 | 35.6           | -29.9                   | 34.1                       | 54                 | -19.9       | -                   | -              | 209            | 230         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)**



| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (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       | * 3.719         | 40.88                | PK2  | 33.3           | -30.7                   | 43.48                      | -                  | -           | 74                  | -30.52         | 223            | 246         | H        |
|         | * 3.721         | 29.06                | MAv1 | 33.3           | -30.7                   | 31.66                      | 54                 | -22.34      | -                   | -              | 223            | 246         | H        |
| 2       | * 4.324         | 40.72                | PK2  | 33.9           | -31.4                   | 43.22                      | -                  | -           | 74                  | -30.78         | 239            | 230         | H        |
|         | * 4.324         | 29.52                | MAv1 | 33.9           | -31.4                   | 32.02                      | 54                 | -21.98      | -                   | -              | 239            | 230         | H        |
| 3       | * 4.973         | 41.34                | PK2  | 34.1           | -31.7                   | 43.74                      | -                  | -           | 74                  | -30.26         | 225            | 192         | H        |
|         | * 4.974         | 29.72                | MAv1 | 34.1           | -31.7                   | 32.12                      | 54                 | -21.88      | -                   | -              | 225            | 192         | H        |
| 4       | * 4.045         | 40.38                | PK2  | 33.6           | -31.3                   | 42.68                      | -                  | -           | 74                  | -31.32         | 238            | 173         | V        |
|         | * 4.045         | 29.16                | MAv1 | 33.6           | -31.3                   | 31.46                      | 54                 | -22.54      | -                   | -              | 238            | 173         | V        |
| 5       | * 4.717         | 41.89                | PK2  | 34             | -31.7                   | 44.19                      | -                  | -           | 74                  | -29.81         | 244            | 158         | V        |
|         | * 4.717         | 29.93                | MAv1 | 34             | -31.7                   | 32.23                      | 54                 | -21.77      | -                   | -              | 244            | 158         | V        |
| 6       | * 4.781         | 42.74                | PK2  | 34.1           | -31.9                   | 44.94                      | -                  | -           | 74                  | -29.06         | 237            | 146         | V        |
|         | * 4.782         | 30.43                | MAv1 | 34.1           | -31.9                   | 32.63                      | 54                 | -21.37      | -                   | -              | 237            | 146         | V        |

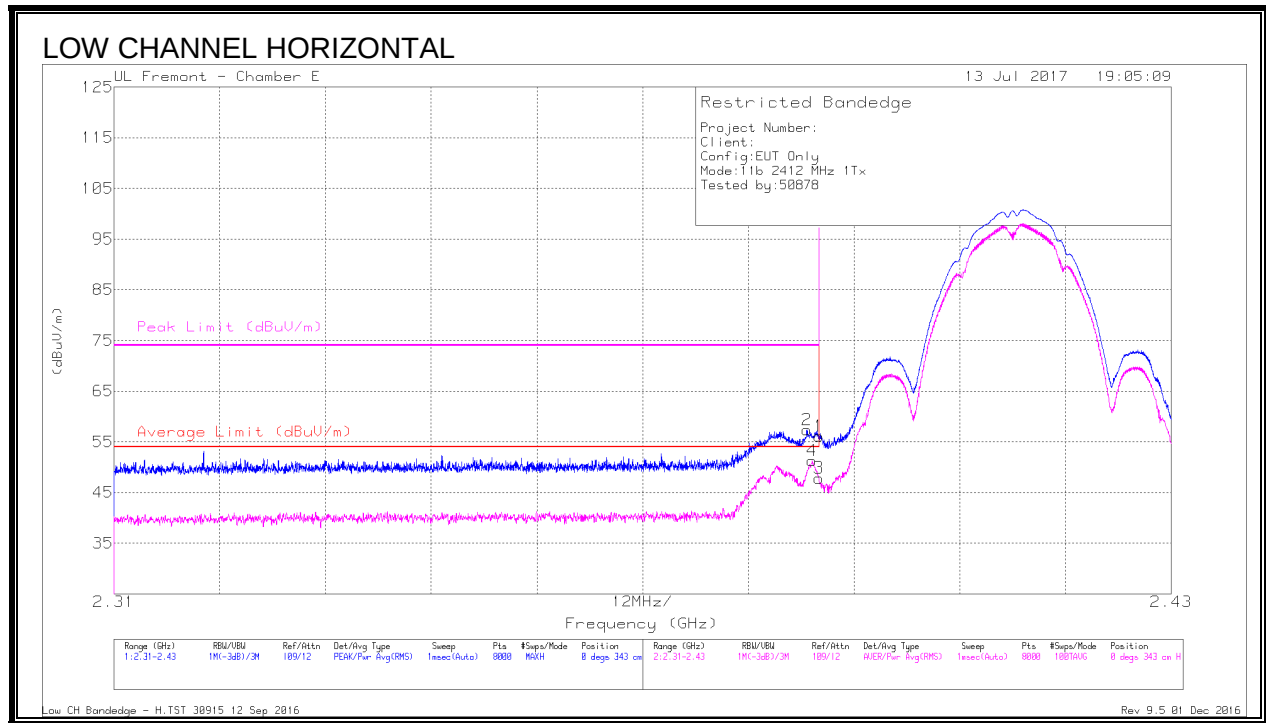
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 9.2.2. 11b LAT 3 SISO MODE IN THE 2.4GHz BAND

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

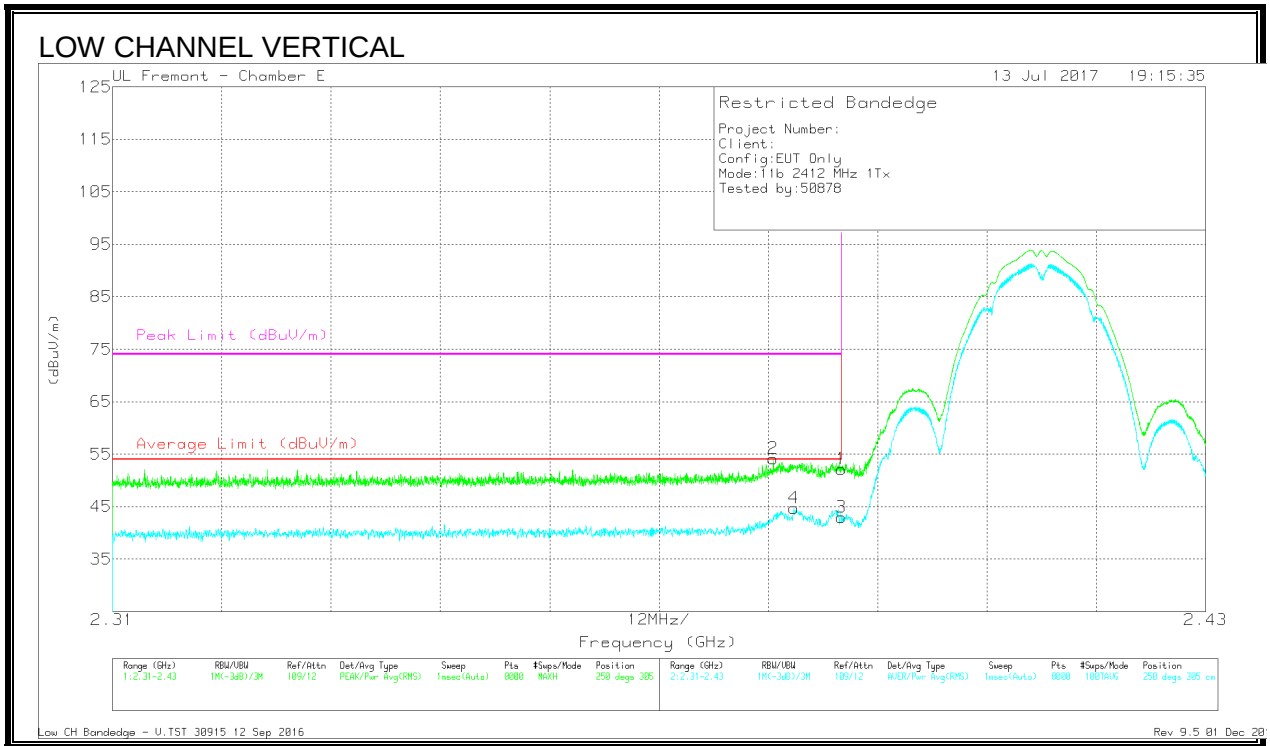


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 43.34                | Pk  | 32            | -19.2                 | 56.14                      | -                      | -           | 74                  | -17.86         | 0              | 343         | H        |
| 2      | * 2.389         | 44.65                | Pk  | 31.9          | -19.2                 | 57.35                      | -                      | -           | 74                  | -16.65         | 0              | 343         | H        |
| 3      | * 2.39          | 35.07                | RMS | 32            | -19.2                 | 47.87                      | 54                     | -6.13       | -                   | -              | 0              | 343         | H        |
| 4      | * 2.389         | 38.54                | RMS | 31.9          | -19.2                 | 51.24                      | 54                     | -2.76       | -                   | -              | 0              | 343         | H        |

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

Pk - Peak detector

RMS - RMS detection



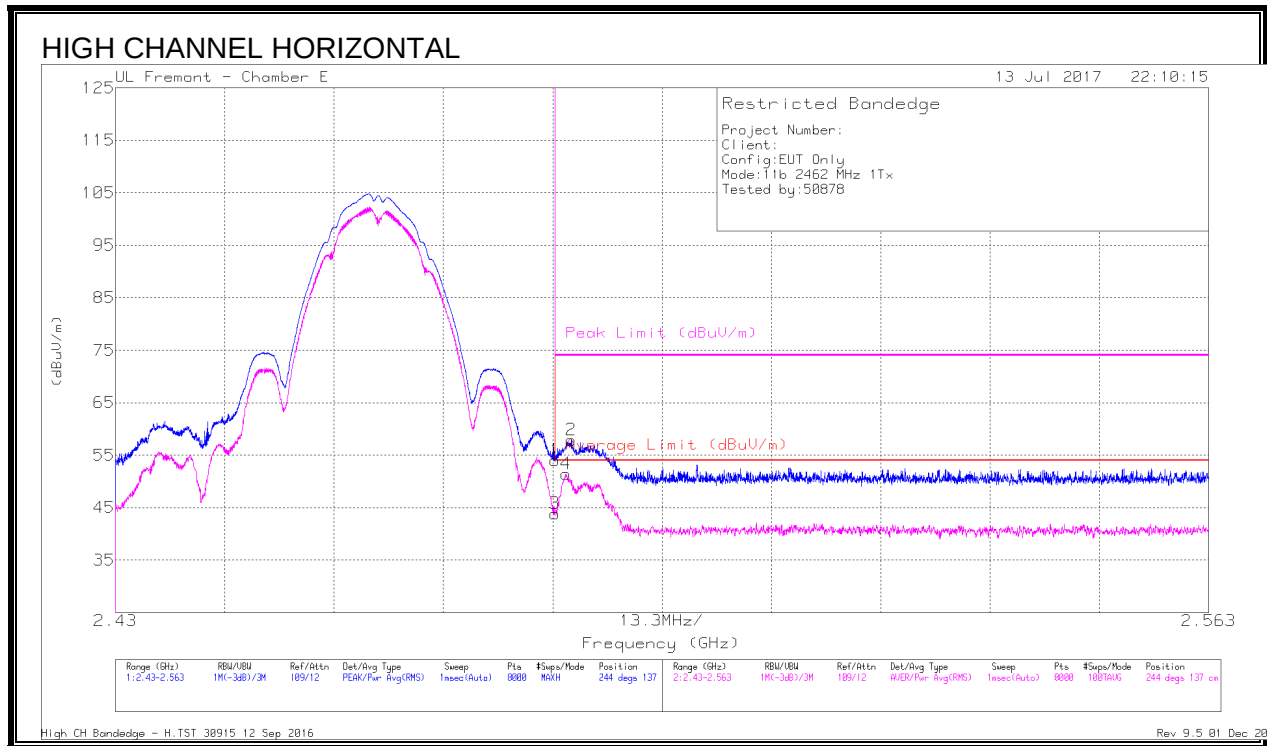
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 39.4                 | Pk  | 32             | -19.2                  | 52.2                       | -                      | -           | 74                  | -21.8          | 250            | 305         | V        |
| 2      | * 2.383         | 41.4                 | Pk  | 31.9           | -19.2                  | 54.1                       | -                      | -           | 74                  | -19.9          | 250            | 305         | V        |
| 3      | * 2.39          | 30.16                | RMS | 32             | -19.2                  | 42.96                      | 54                     | -11.04      | -                   | -              | 250            | 305         | V        |
| 4      | * 2.385         | 32.03                | RMS | 31.9           | -19.2                  | 44.73                      | 54                     | -9.27       | -                   | -              | 250            | 305         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

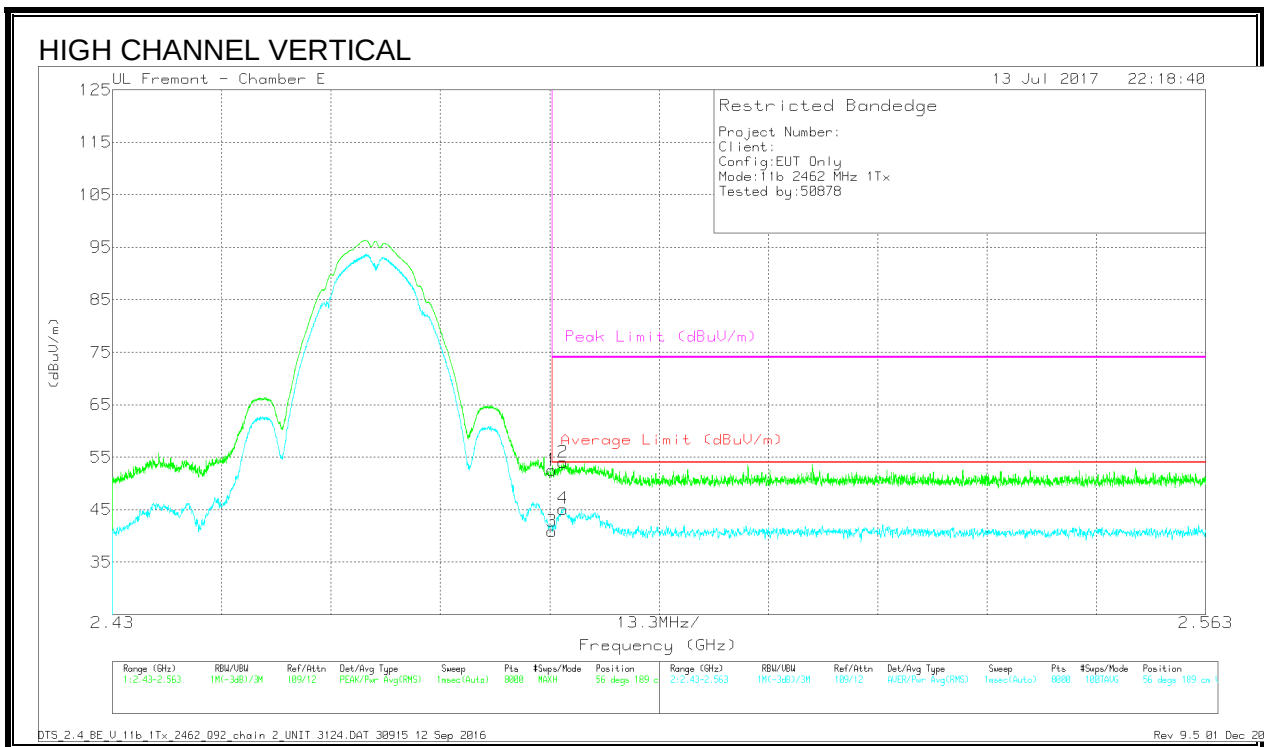


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 41.29                | Pk  | 32.1           | -19.4                   | 53.99                      | -                      | -           | 74                  | -20.01         | 244            | 137         | H        |
| 2      | * 2.485         | 45.15                | Pk  | 32.1           | -19.4                   | 57.85                      | -                      | -           | 74                  | -16.15         | 244            | 137         | H        |
| 3      | * 2.484         | 31.13                | RMS | 32.1           | -19.4                   | 43.83                      | 54                     | -10.17      | -                   | -              | 244            | 137         | H        |
| 4      | * 2.485         | 38.74                | RMS | 32.1           | -19.4                   | 51.44                      | 54                     | -2.56       | -                   | -              | 244            | 137         | H        |

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

Pk - Peak detector

RMS - RMS detection



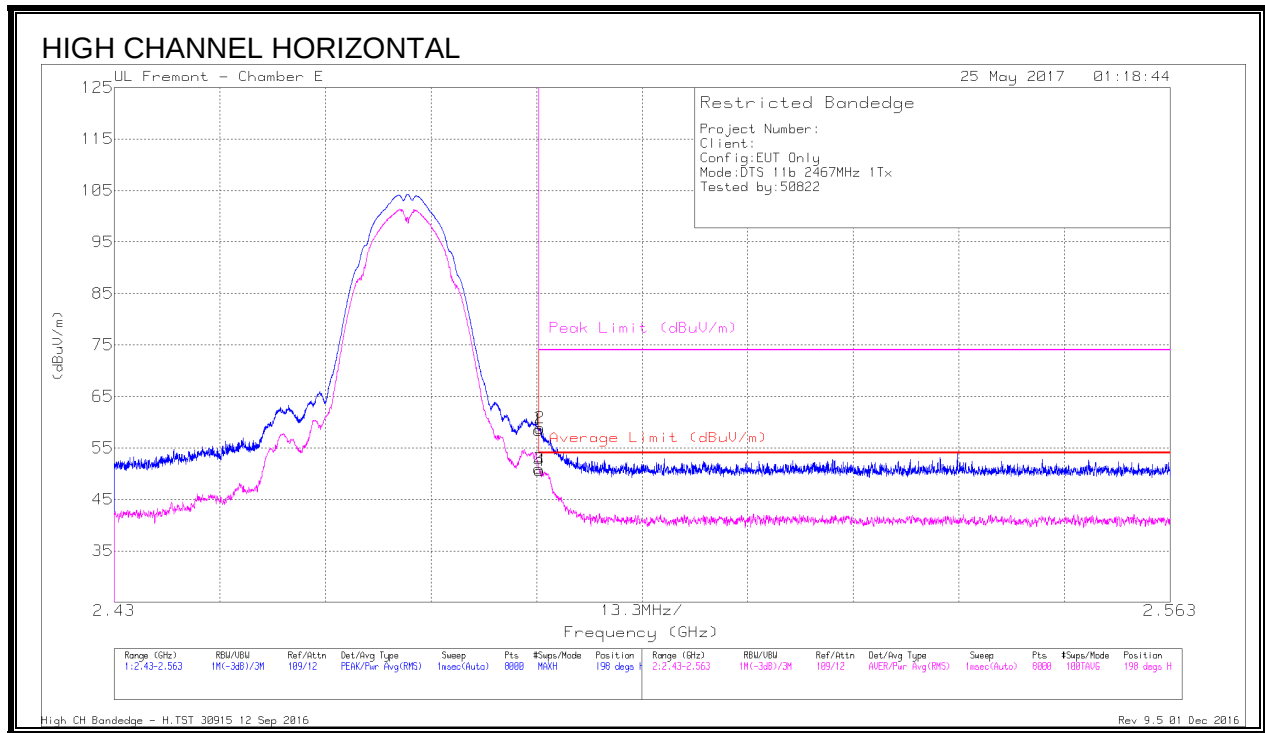
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 39.83                | Pk  | 32.1           | -19.4                   | 52.53                      | -                      | -           | 74                  | -21.47         | 56             | 189         | V        |
| 2      | * 2.485         | 41.35                | Pk  | 32.1           | -19.4                   | 54.05                      | -                      | -           | 74                  | -19.95         | 56             | 189         | V        |
| 3      | * 2.484         | 28.15                | RMS | 32.1           | -19.4                   | 40.85                      | 54                     | -13.15      | -                   | -              | 56             | 189         | V        |
| 4      | * 2.485         | 32.44                | RMS | 32.1           | -19.4                   | 45.14                      | 54                     | -8.86       | -                   | -              | 56             | 189         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

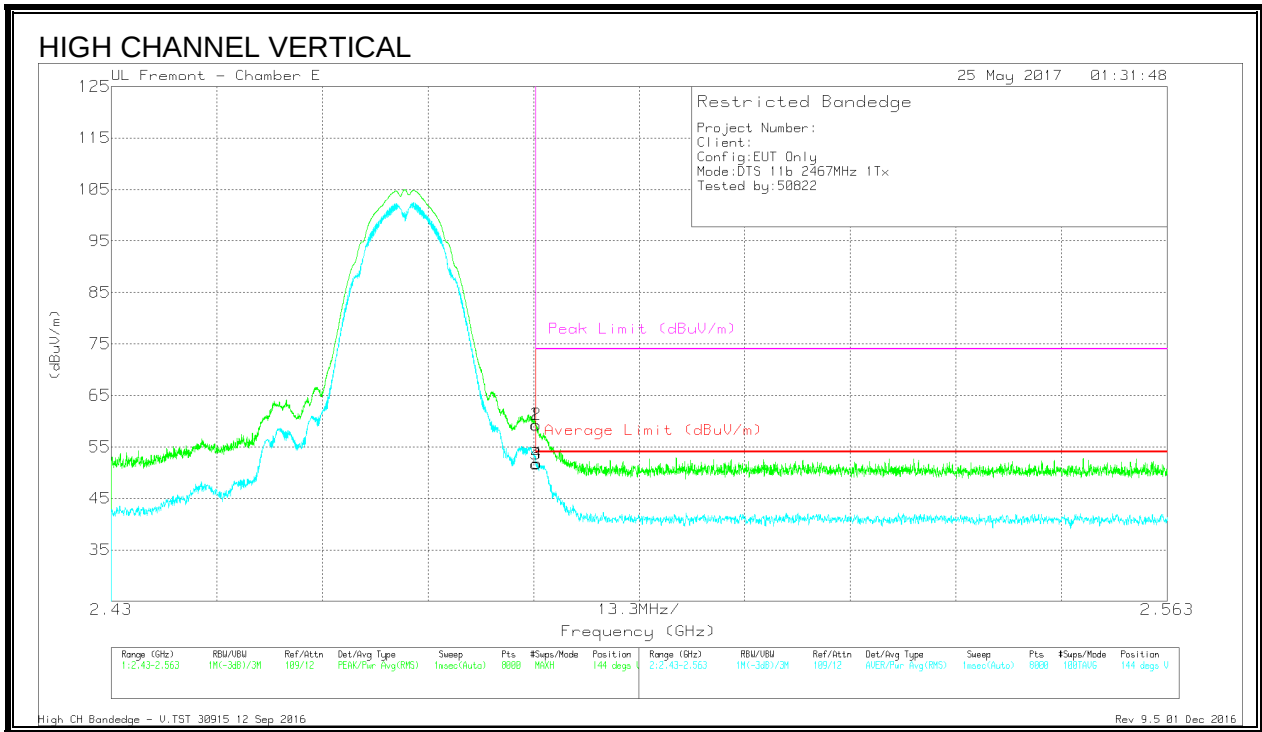


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cb/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 45.47                | Pk  | 32.7           | -19.7                 | 58.47                      | -                      | -           | 74                  | -15.53         | 198            | 154         | H        |
| 2      | * 2.484         | 45.83                | Pk  | 32.7           | -19.7                 | 58.83                      | -                      | -           | 74                  | -15.17         | 198            | 154         | H        |
| 3      | * 2.484         | 37.92                | RMS | 32.7           | -19.7                 | 50.92                      | 54                     | -3.08       | -                   | -              | 198            | 154         | H        |
| 4      | * 2.484         | 37.58                | RMS | 32.7           | -19.7                 | 50.58                      | 54                     | -3.42       | -                   | -              | 198            | 154         | H        |

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

Pk - Peak detector

RMS - RMS detection



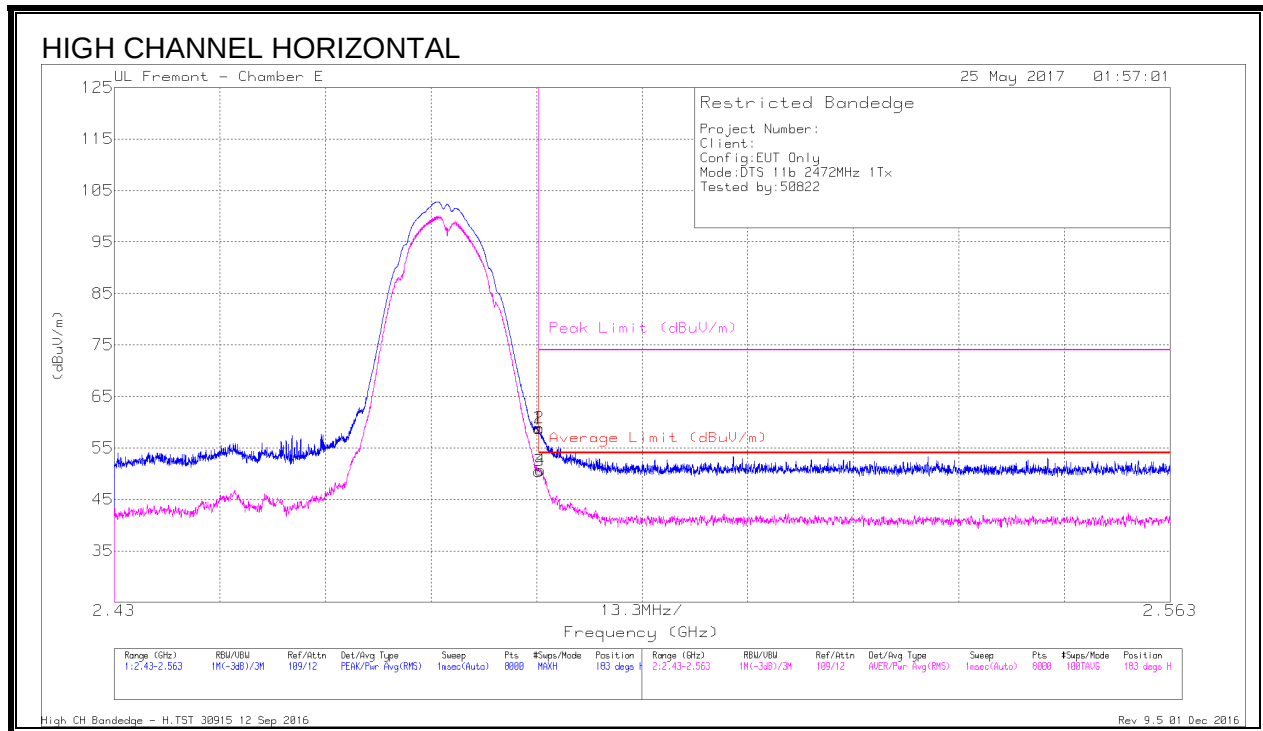
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 46.22                | Pk  | 32.7           | -19.7                  | 59.22                      | -                      | -           | 74                  | -14.78         | 144            | 120         | V        |
| 2      | * 2.484         | 46.3                 | Pk  | 32.7           | -19.7                  | 59.3                       | -                      | -           | 74                  | -14.7          | 144            | 120         | V        |
| 3      | * 2.484         | 38.67                | RMS | 32.7           | -19.7                  | 51.67                      | 54                     | -2.33       | -                   | -              | 144            | 120         | V        |
| 4      | * 2.484         | 38.8                 | RMS | 32.7           | -19.7                  | 51.8                       | 54                     | -2.2        | -                   | -              | 144            | 120         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

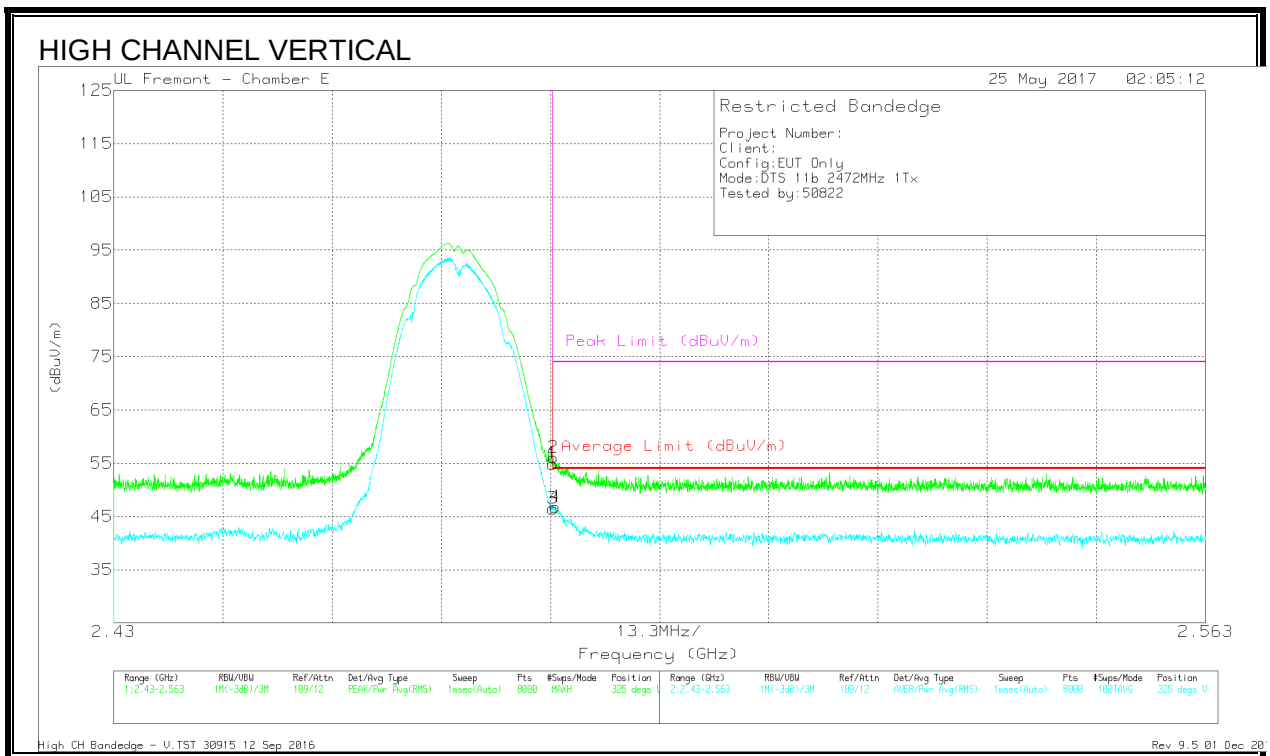


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 45.74                | Pk  | 32.7           | -19.7                  | 58.74                      | -                      | -           | 74                  | -15.26         | 183            | 271         | H        |
| 2      | * 2.484         | 45.85                | Pk  | 32.7           | -19.7                  | 58.85                      | -                      | -           | 74                  | -15.15         | 183            | 271         | H        |
| 3      | * 2.484         | 37.51                | RMS | 32.7           | -19.7                  | 50.51                      | 54                     | -3.49       | -                   | -              | 183            | 271         | H        |
| 4      | * 2.484         | 37.7                 | RMS | 32.7           | -19.7                  | 50.7                       | 54                     | -3.3        | -                   | -              | 183            | 271         | H        |

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

Pk - Peak detector

RMS - RMS detection



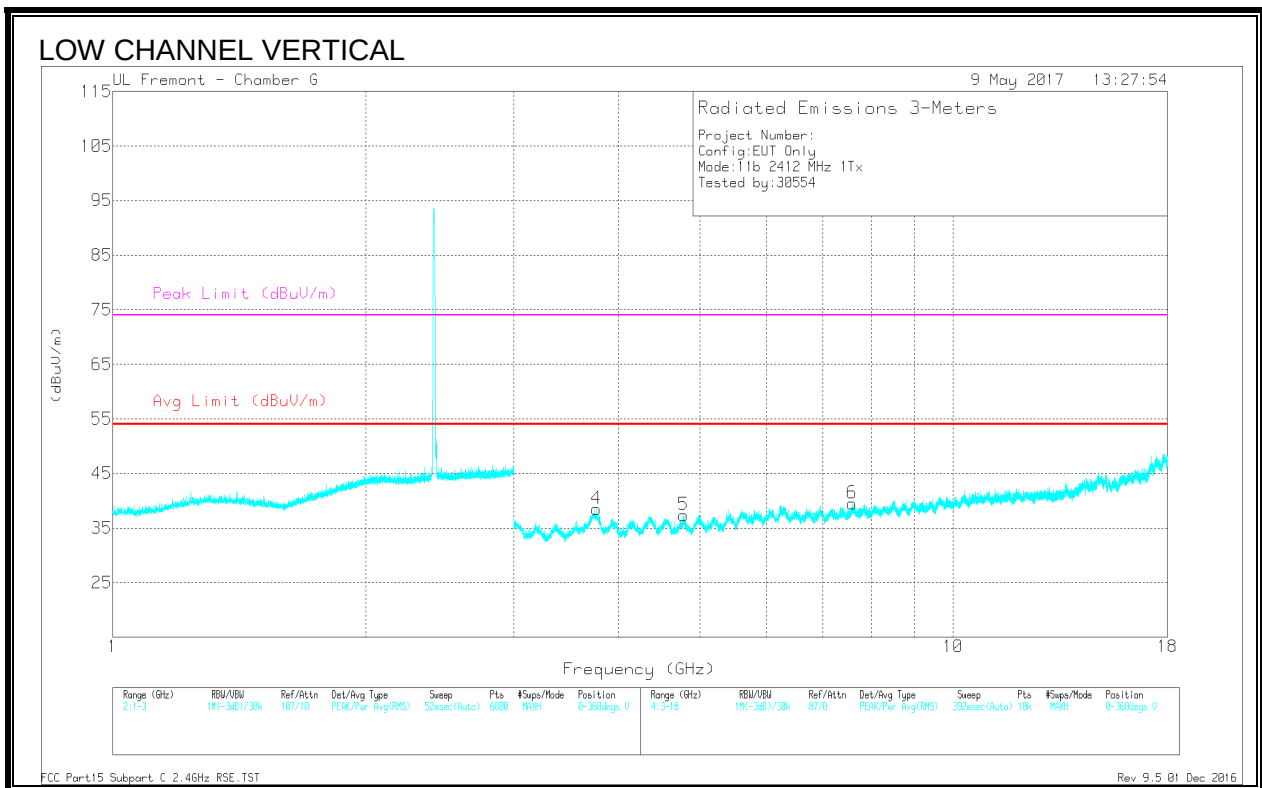
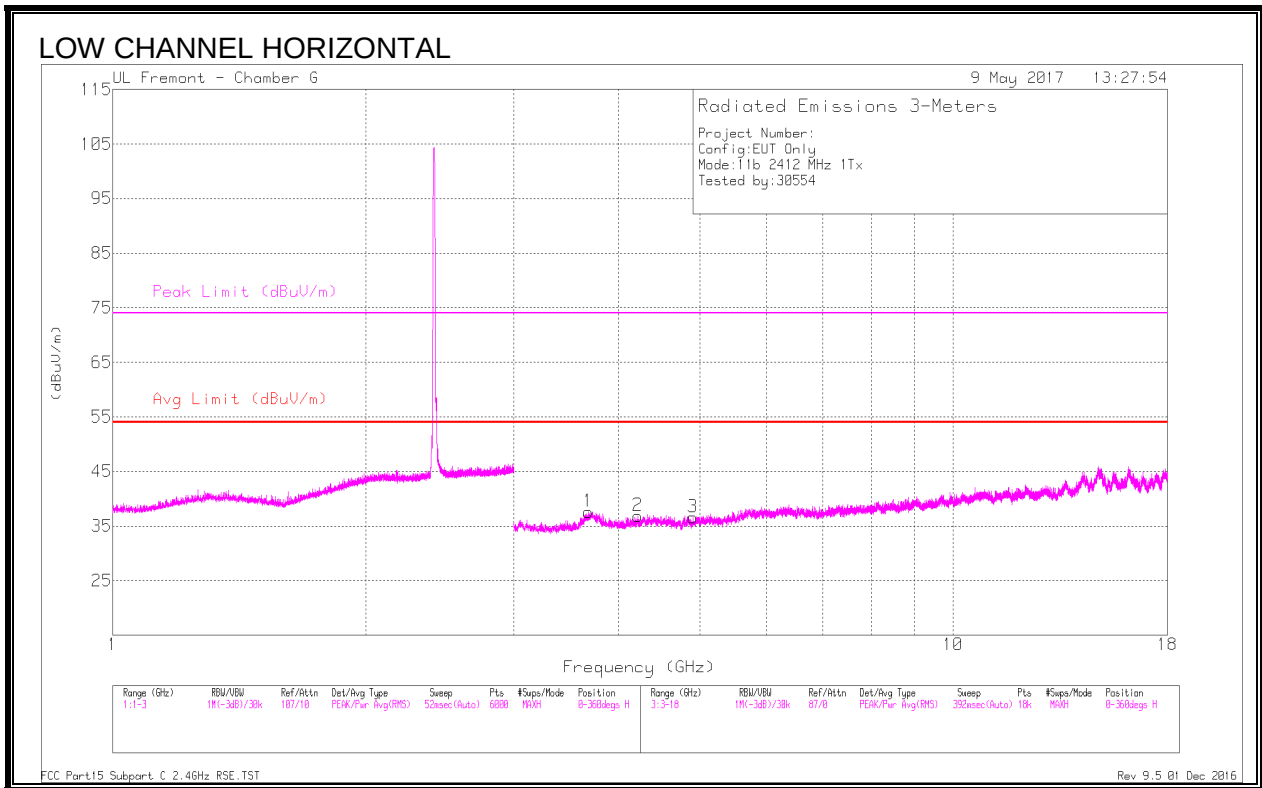
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cb/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 41.86                | Pk  | 32.7           | -19.7                 | 54.86                      | -                      | -           | 74                  | -19.14         | 325            | 376         | V        |
| 2      | * 2.484         | 43.07                | Pk  | 32.7           | -19.7                 | 56.07                      | -                      | -           | 74                  | -17.93         | 325            | 376         | V        |
| 3      | * 2.484         | 33.5                 | RMS | 32.7           | -19.7                 | 46.5                       | 54                     | -7.5        | -                   | -              | 325            | 376         | V        |
| 4      | * 2.484         | 33.76                | RMS | 32.7           | -19.7                 | 46.76                      | 54                     | -7.24       | -                   | -              | 325            | 376         | 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)**



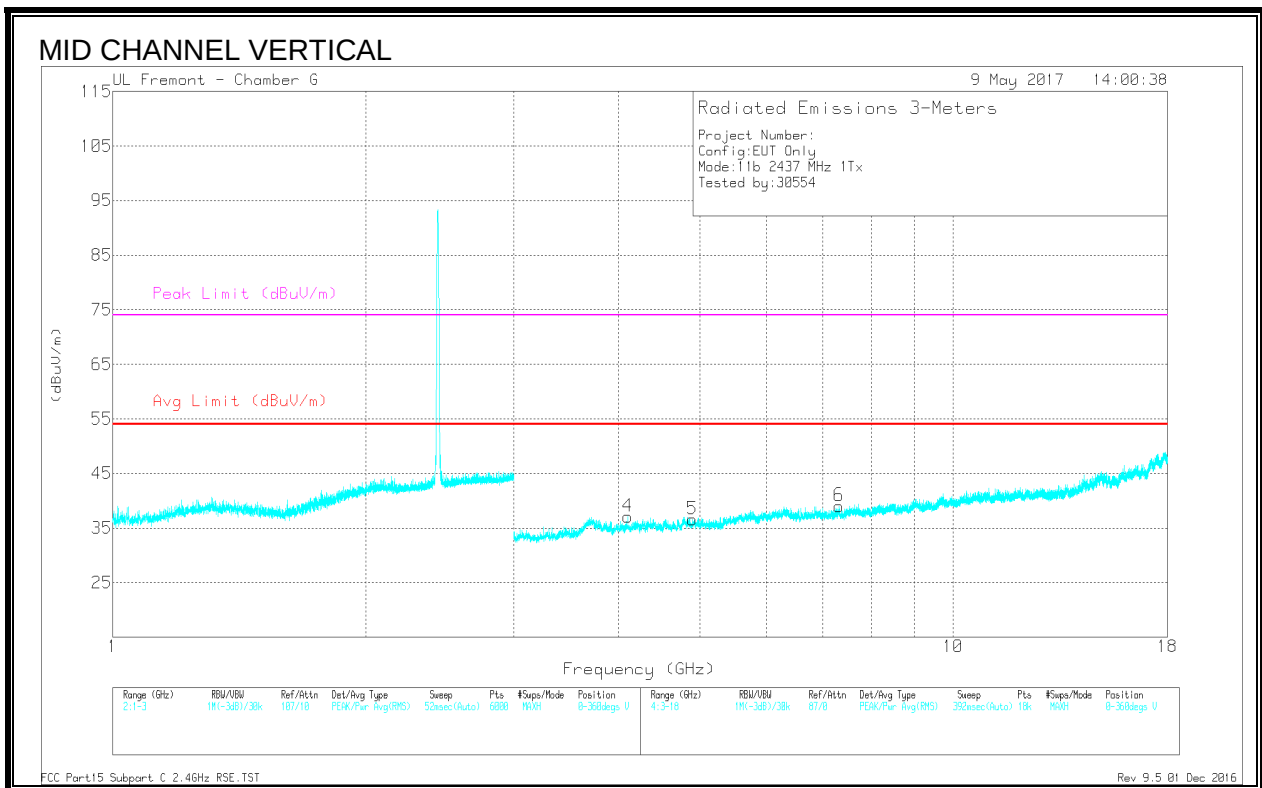
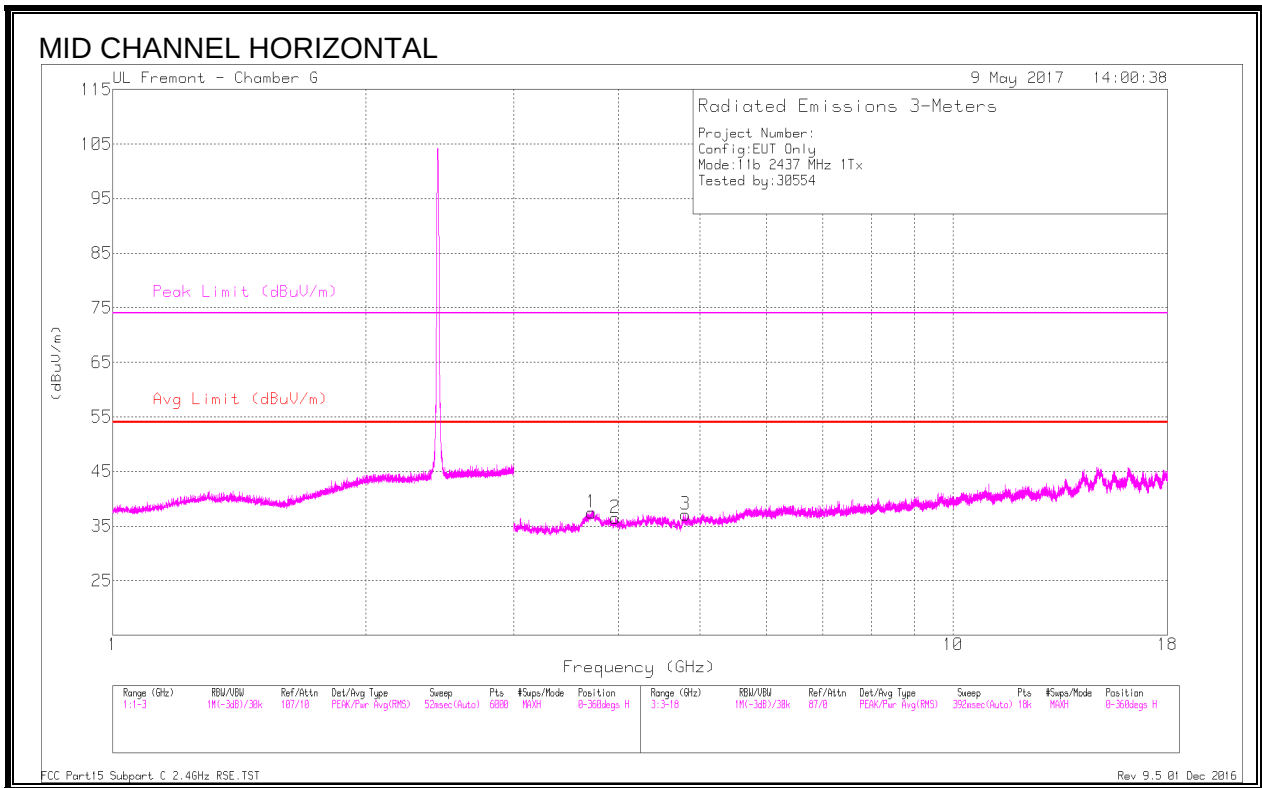
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1       | * 3.686         | 40.27                | PK2  | 33.3           | -30.8                   | 42.77                      | -                  | -           | 74                  | -31.23         | 247            | 244         | H        |
|         | * 3.682         | 28.66                | MAv1 | 33.3           | -30.9                   | 31.06                      | 54                 | -22.94      | -                   | -              | 247            | 244         | H        |
| 2       | * 4.212         | 41.45                | PK2  | 33.7           | -32.1                   | 43.05                      |                    |             | 74                  | -30.95         | 239            | 218         | H        |
|         | * 4.213         | 30.02                | MAv1 | 33.7           | -32.1                   | 31.62                      | 54                 | -22.38      | -                   | -              | 239            | 218         | H        |
| 3       | * 4.906         | 41.01                | PK2  | 34.1           | -31.9                   | 43.21                      |                    |             | 74                  | -30.79         | 264            | 190         | H        |
|         | * 4.906         | 29.37                | MAv1 | 34.1           | -31.9                   | 31.57                      | 54                 | -22.43      | -                   | -              | 264            | 190         | H        |
| 4       | * 3.763         | 39.37                | PK2  | 33.3           | -31.3                   | 41.37                      |                    |             | 74                  | -32.63         | 269            | 199         | V        |
|         | * 3.762         | 28.41                | MAv1 | 33.3           | -31.2                   | 30.51                      | 54                 | -23.49      | -                   | -              | 269            | 199         | V        |
| 5       | * 4.782         | 42.04                | PK2  | 34.1           | -31.9                   | 44.24                      |                    |             | 74                  | -29.76         | 254            | 209         | V        |
|         | * 4.781         | 30.56                | MAv1 | 34.1           | -31.9                   | 32.76                      | 54                 | -21.24      | -                   | -              | 254            | 209         | V        |
| 6       | * 7.582         | 39.24                | PK2  | 35.8           | -29.3                   | 45.74                      |                    |             | 74                  | -28.26         | 264            | 190         | V        |
|         | * 7.582         | 27.96                | MAv1 | 35.8           | -29.3                   | 34.46                      | 54                 | -19.54      | -                   | -              | 264            | 190         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)**



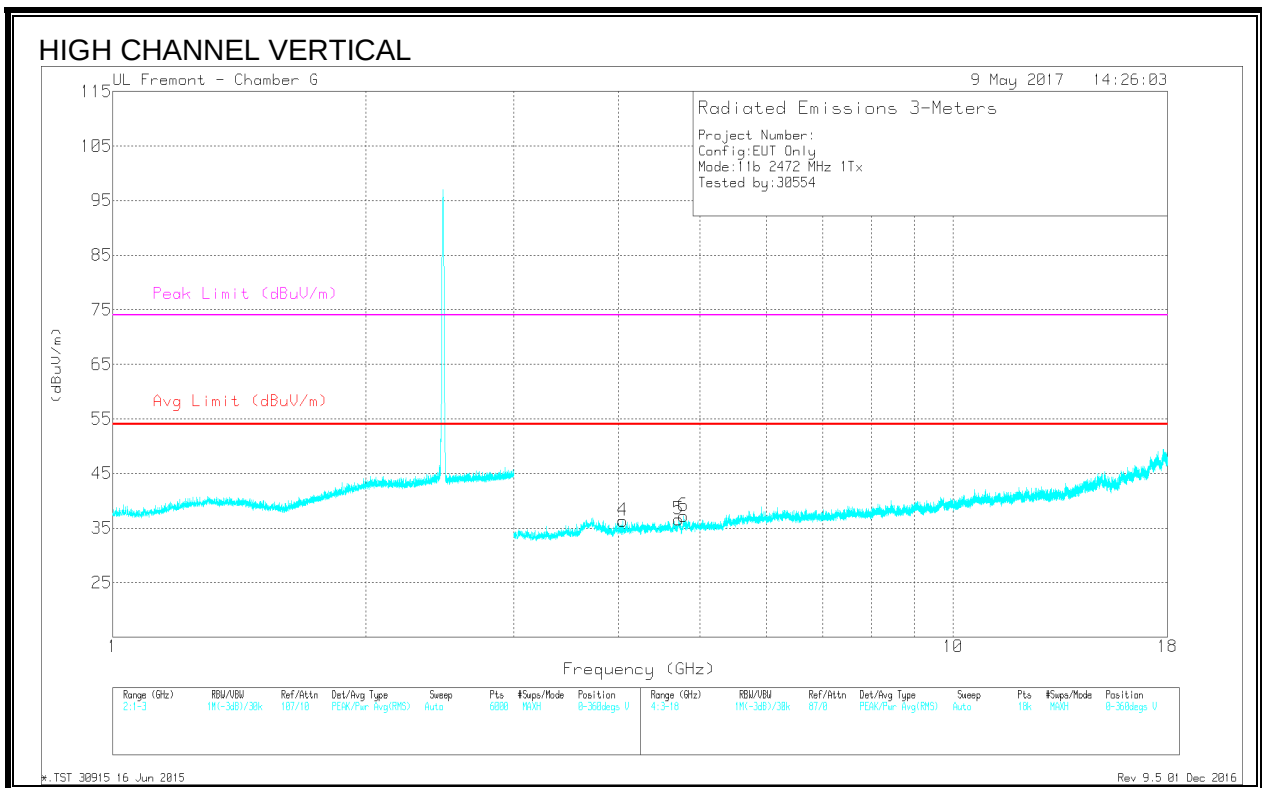
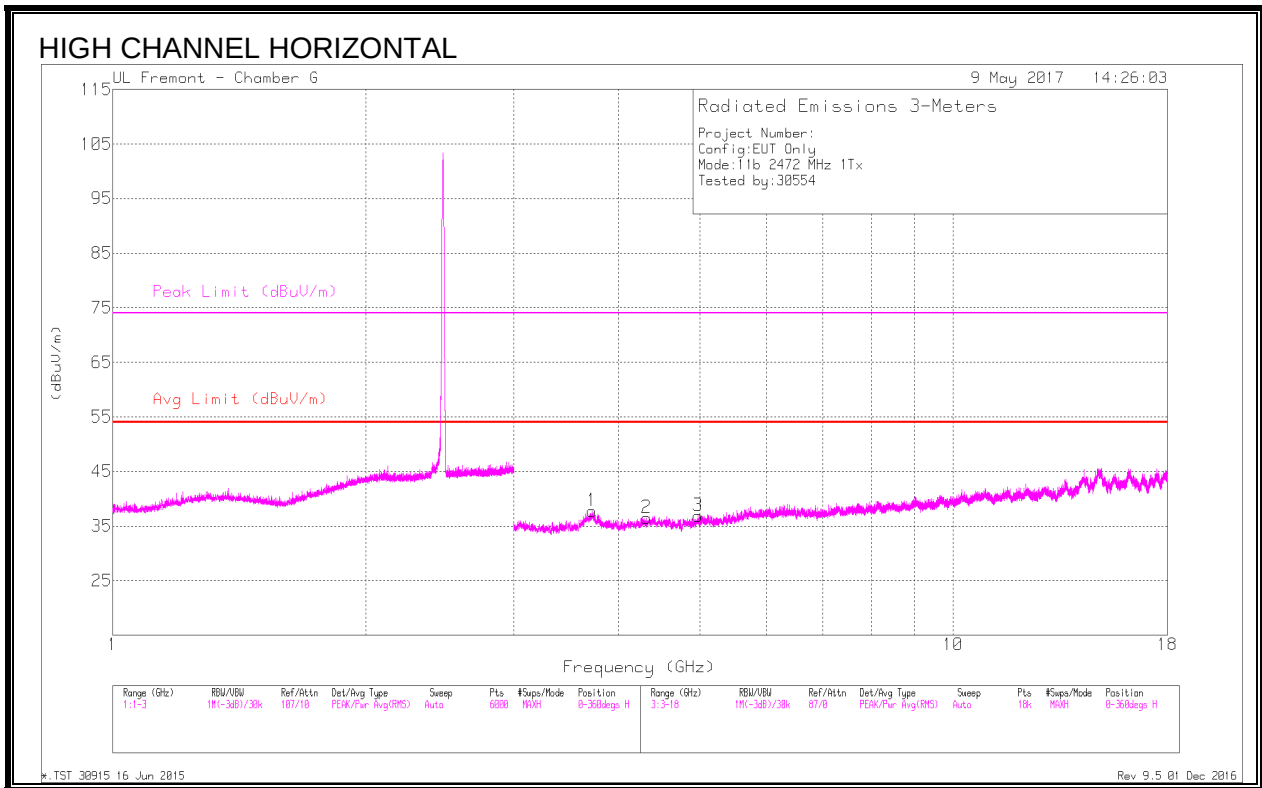
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1       | * 3.715         | 41.61                | PK2  | 33.3           | -30.7                   | 44.21                      | -                  | -           | 74                  | -29.79         | 160            | 287         | H        |
|         | * 3.715         | 29.2                 | MAv1 | 33.3           | -30.7                   | 31.8                       | 54                 | -22.2       | -                   | -              | 160            | 287         | H        |
| 2       | * 3.964         | 41.69                | PK2  | 33.6           | -31.7                   | 43.59                      | -                  | -           | 74                  | -30.41         | 168            | 268         | H        |
|         | * 3.964         | 29.96                | MAv1 | 33.6           | -31.7                   | 31.86                      | 54                 | -22.14      | -                   | -              | 168            | 268         | H        |
| 3       | * 4.804         | 40.82                | PK2  | 34.1           | -31.9                   | 43.02                      | -                  | -           | 74                  | -30.98         | 179            | 240         | H        |
|         | * 4.804         | 29.43                | MAv1 | 34.1           | -31.9                   | 31.63                      | 54                 | -22.37      | -                   | -              | 179            | 240         | H        |
| 4       | * 4.104         | 41.36                | PK2  | 33.6           | -31.9                   | 43.06                      | -                  | -           | 74                  | -30.94         | 188            | 264         | V        |
|         | * 4.103         | 30.05                | MAv1 | 33.6           | -31.9                   | 31.75                      | 54                 | -22.25      | -                   | -              | 188            | 264         | V        |
| 5       | * 4.896         | 39.99                | PK2  | 34.1           | -31.8                   | 42.29                      | -                  | -           | 74                  | -31.71         | 200            | 246         | V        |
|         | * 4.895         | 28.07                | MAv1 | 34.1           | -31.8                   | 30.37                      | 54                 | -23.63      | -                   | -              | 200            | 246         | V        |
| 6       | * 7.323         | 40.48                | PK2  | 35.6           | -29.9                   | 46.18                      | -                  | -           | 74                  | -27.82         | 209            | 230         | V        |
|         | * 7.322         | 28.4                 | MAv1 | 35.6           | -29.9                   | 34.1                       | 54                 | -19.9       | -                   | -              | 209            | 230         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)**



| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (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       | * 3.719         | 40.88                | PK2  | 33.3           | -30.7                   | 43.48                      | -                  | -           | 74                  | -30.52         | 223            | 246         | H        |
|         | * 3.721         | 29.06                | MAv1 | 33.3           | -30.7                   | 31.66                      | 54                 | -22.34      | -                   | -              | 223            | 246         | H        |
| 2       | * 4.324         | 40.72                | PK2  | 33.9           | -31.4                   | 43.22                      | -                  | -           | 74                  | -30.78         | 239            | 230         | H        |
|         | * 4.324         | 29.52                | MAv1 | 33.9           | -31.4                   | 32.02                      | 54                 | -21.98      | -                   | -              | 239            | 230         | H        |
| 3       | * 4.973         | 41.34                | PK2  | 34.1           | -31.7                   | 43.74                      | -                  | -           | 74                  | -30.26         | 225            | 192         | H        |
|         | * 4.974         | 29.72                | MAv1 | 34.1           | -31.7                   | 32.12                      | 54                 | -21.88      | -                   | -              | 225            | 192         | H        |
| 4       | * 4.045         | 40.38                | PK2  | 33.6           | -31.3                   | 42.68                      | -                  | -           | 74                  | -31.32         | 238            | 173         | V        |
|         | * 4.045         | 29.16                | MAv1 | 33.6           | -31.3                   | 31.46                      | 54                 | -22.54      | -                   | -              | 238            | 173         | V        |
| 5       | * 4.717         | 41.89                | PK2  | 34             | -31.7                   | 44.19                      | -                  | -           | 74                  | -29.81         | 244            | 158         | V        |
|         | * 4.717         | 29.93                | MAv1 | 34             | -31.7                   | 32.23                      | 54                 | -21.77      | -                   | -              | 244            | 158         | V        |
| 6       | * 4.781         | 42.74                | PK2  | 34.1           | -31.9                   | 44.94                      | -                  | -           | 74                  | -29.06         | 237            | 146         | V        |
|         | * 4.782         | 30.43                | MAv1 | 34.1           | -31.9                   | 32.63                      | 54                 | -21.37      | -                   | -              | 237            | 146         | V        |

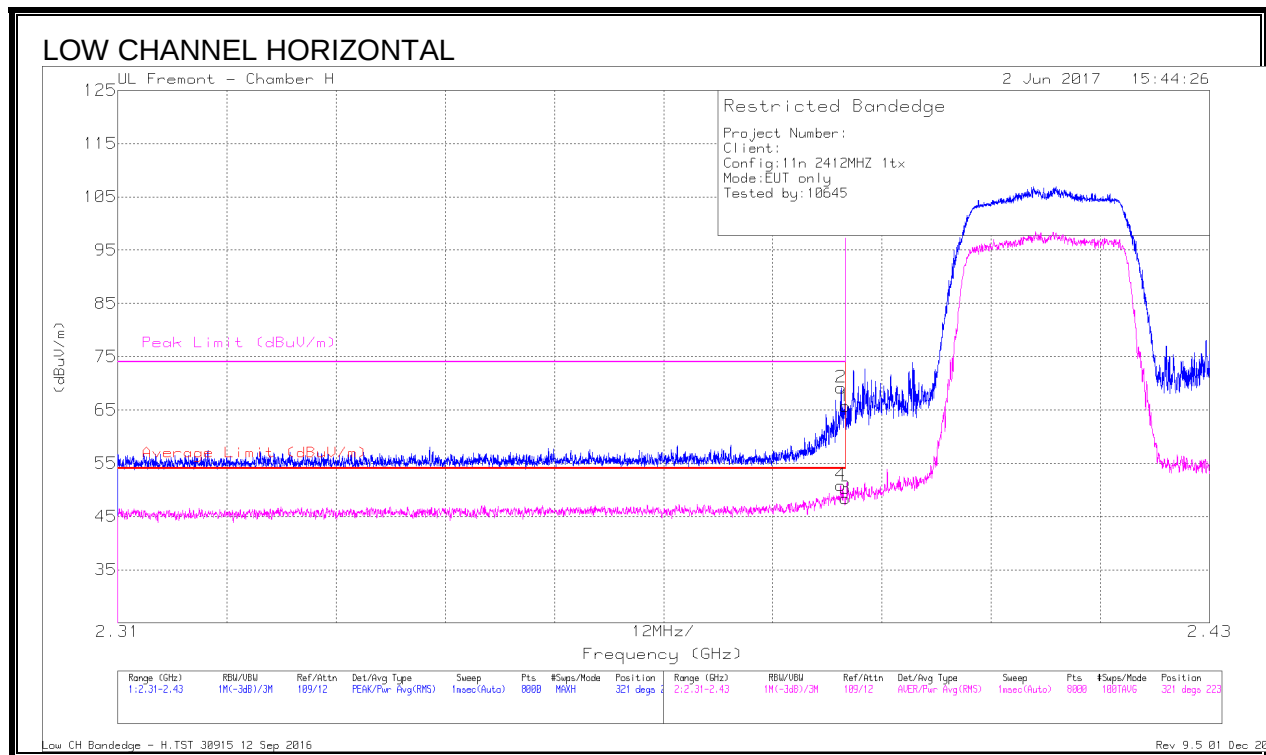
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 9.2.3. 11n HT20 UAT 1 SISO MODE IN THE 2.4GHZ BAND

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

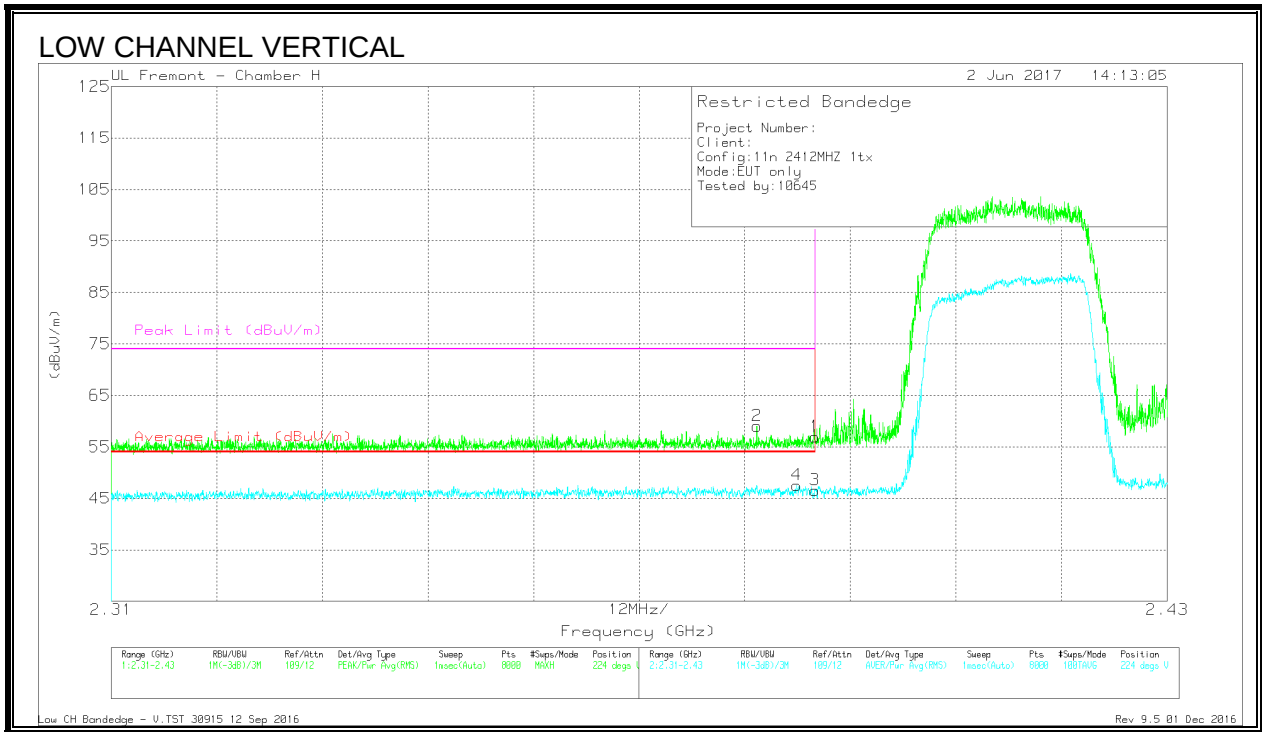


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT344 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 47.42                | Pk  | 32.3          | -14                    | 65.72                      | -                      | -           | 74                  | -8.28          | 321            | 223         | H        |
| 2      | * 2.39          | 50.9                 | Pk  | 32.3          | -14                    | 69.2                       | -                      | -           | 74                  | -4.8           | 321            | 223         | H        |
| 3      | * 2.39          | 30.09                | RMS | 32.3          | -14                    | 48.39                      | 54                     | -5.61       | -                   | -              | 321            | 223         | H        |
| 4      | * 2.389         | 32.57                | RMS | 32.3          | -14                    | 50.87                      | 54                     | -3.13       | -                   | -              | 321            | 223         | H        |

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

Pk - Peak detector

RMS - RMS detection



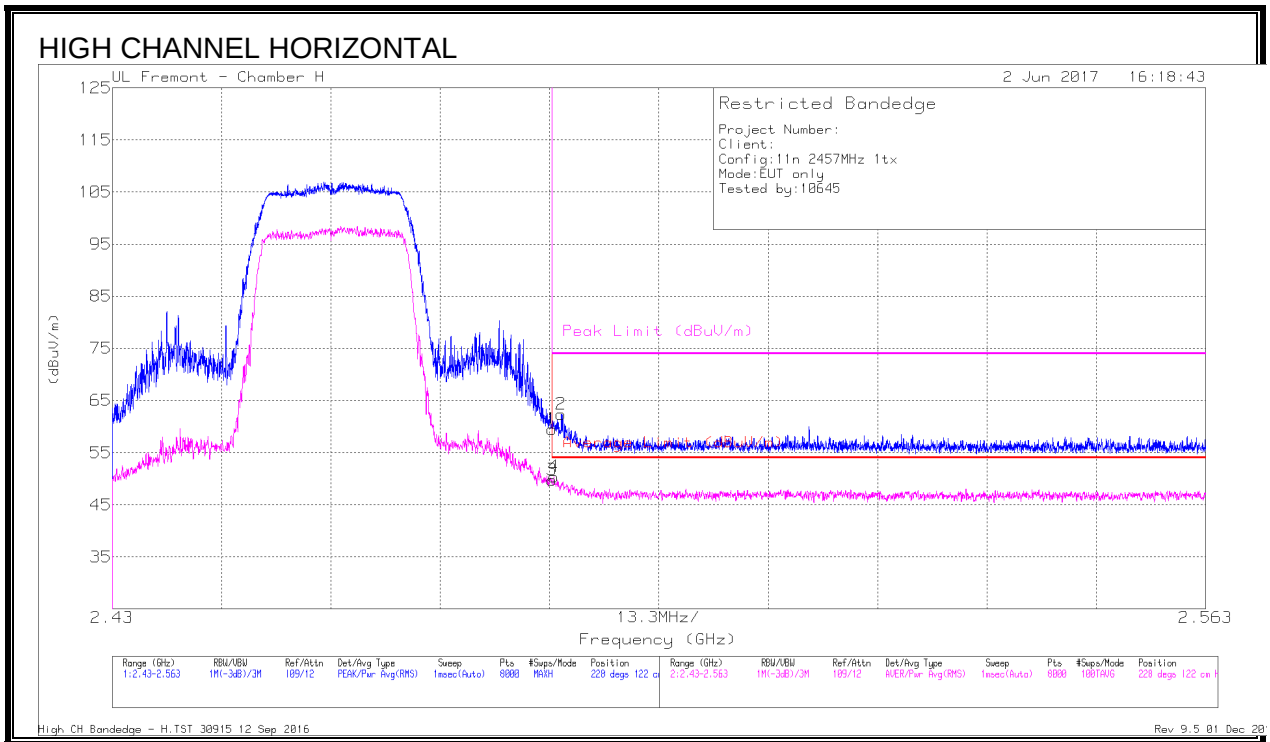
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 38.67                | Pk  | 32.3           | -14                    | 56.97                      | -                      | -           | 74                  | -17.03         | 224            | 196         | V        |
| 2      | * 2.383         | 40.77                | Pk  | 32.3           | -14                    | 59.07                      | -                      | -           | 74                  | -14.93         | 224            | 196         | V        |
| 3      | * 2.39          | 28.3                 | RMS | 32.3           | -14                    | 46.6                       | 54                     | -7.4        | -                   | -              | 224            | 196         | V        |
| 4      | * 2.388         | 29.28                | RMS | 32.3           | -14                    | 47.58                      | 54                     | -6.42       | -                   | -              | 224            | 196         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

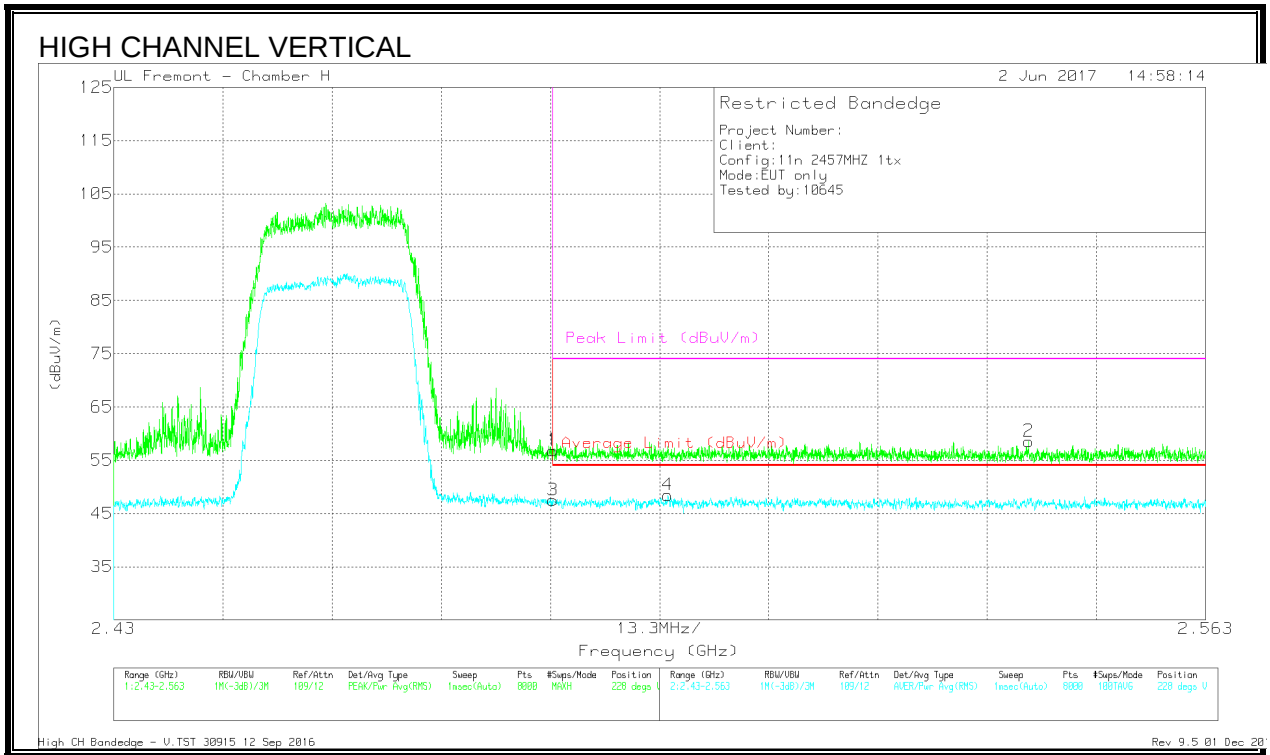


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 40.93                | Pk  | 32.4           | -13.8                  | 59.53                      | -                      | -           | 74                  | -14.47         | 228            | 122         | H        |
| 2      | * 2.485         | 43.79                | Pk  | 32.4           | -13.8                  | 62.39                      | -                      | -           | 74                  | -11.61         | 228            | 122         | H        |
| 3      | * 2.484         | 31.14                | RMS | 32.4           | -13.8                  | 49.74                      | 54                     | -4.26       | -                   | -              | 228            | 122         | H        |
| 4      | * 2.484         | 31.74                | RMS | 32.4           | -13.8                  | 50.34                      | 54                     | -3.66       | -                   | -              | 228            | 122         | H        |

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

Pk - Peak detector

RMS - RMS detection



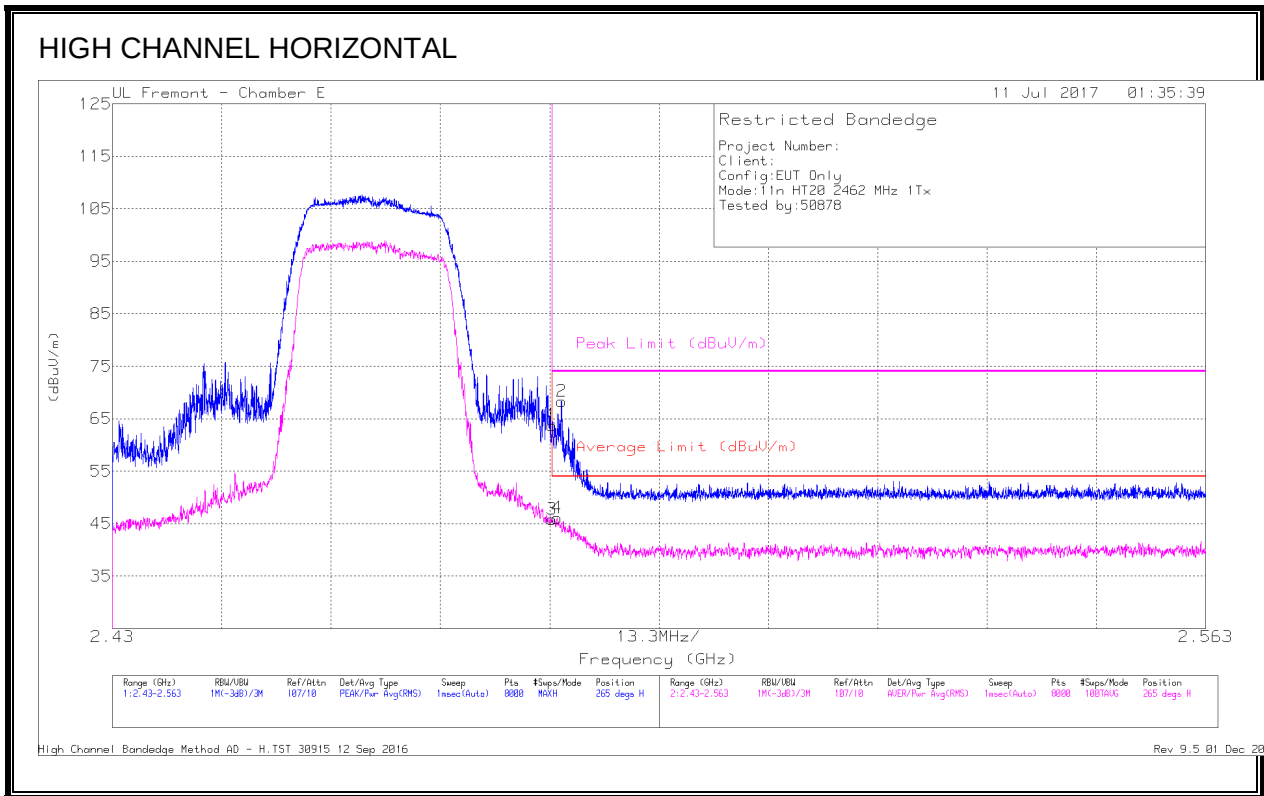
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 38.24                | Pk  | 32.4           | -13.8                  | 56.84                      | -                      | -           | 74                  | -17.16         | 228            | 128         | V        |
| 2      | 2.541           | 39.95                | Pk  | 32.3           | -13.7                  | 58.55                      | -                      | -           | 74                  | -15.45         | 228            | 128         | V        |
| 3      | * 2.484         | 28.91                | RMS | 32.4           | -13.8                  | 47.51                      | 54                     | -6.49       | -                   | -              | 228            | 128         | V        |
| 4      | * 2.498         | 29.74                | RMS | 32.4           | -13.7                  | 48.44                      | 54                     | -5.56       | -                   | -              | 228            | 128         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

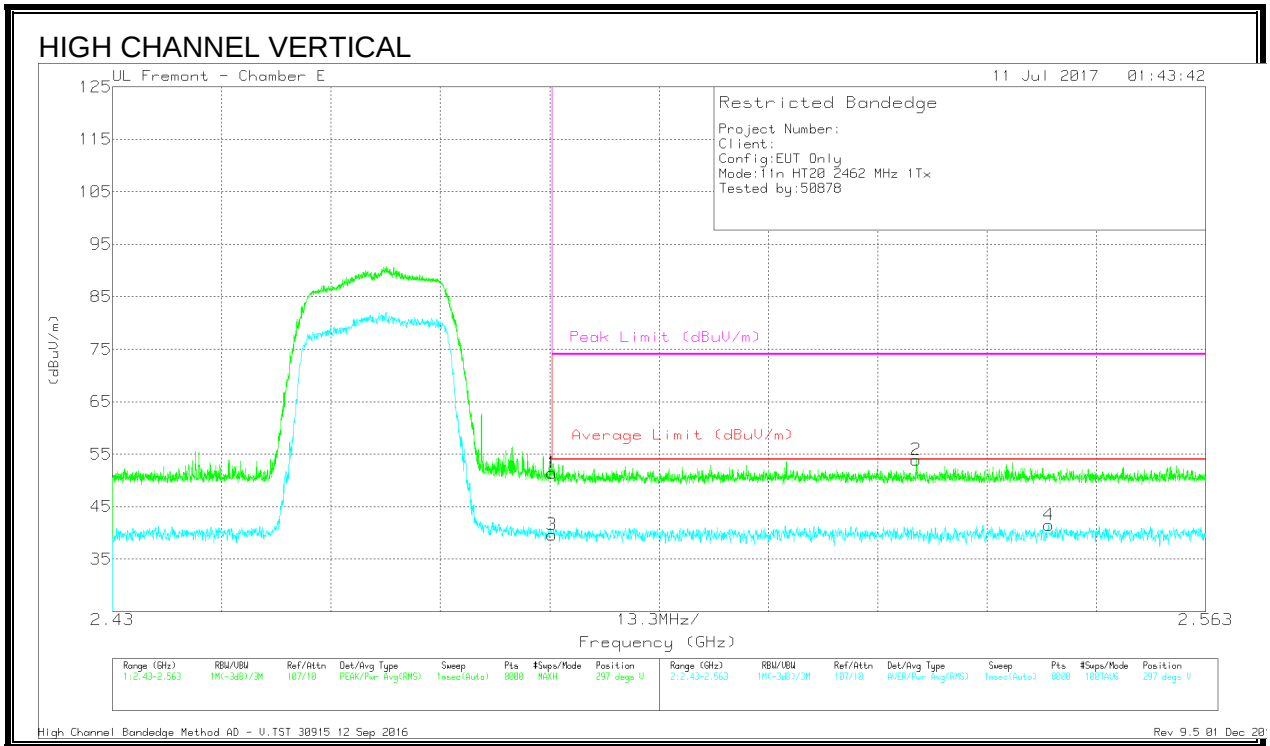


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT346 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.06                | Pk  | 32.1          | -22.4                  | 63.76                      | -                      | -           | 74                  | -10.24         | 265            | 158         | H        |
| 2      | * 2.485         | 58.6                 | Pk  | 32.1          | -22.4                  | 68.3                       | -                      | -           | 74                  | -5.7           | 265            | 158         | H        |
| 3      | * 2.484         | 36.08                | RMS | 32.1          | -22.4                  | 45.78                      | 54                     | -8.22       | -                   | -              | 265            | 158         | H        |
| 4      | * 2.484         | 36.38                | RMS | 32.1          | -22.4                  | 46.08                      | 54                     | -7.92       | -                   | -              | 265            | 158         | H        |

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

Pk - Peak detector

RMS - RMS detection



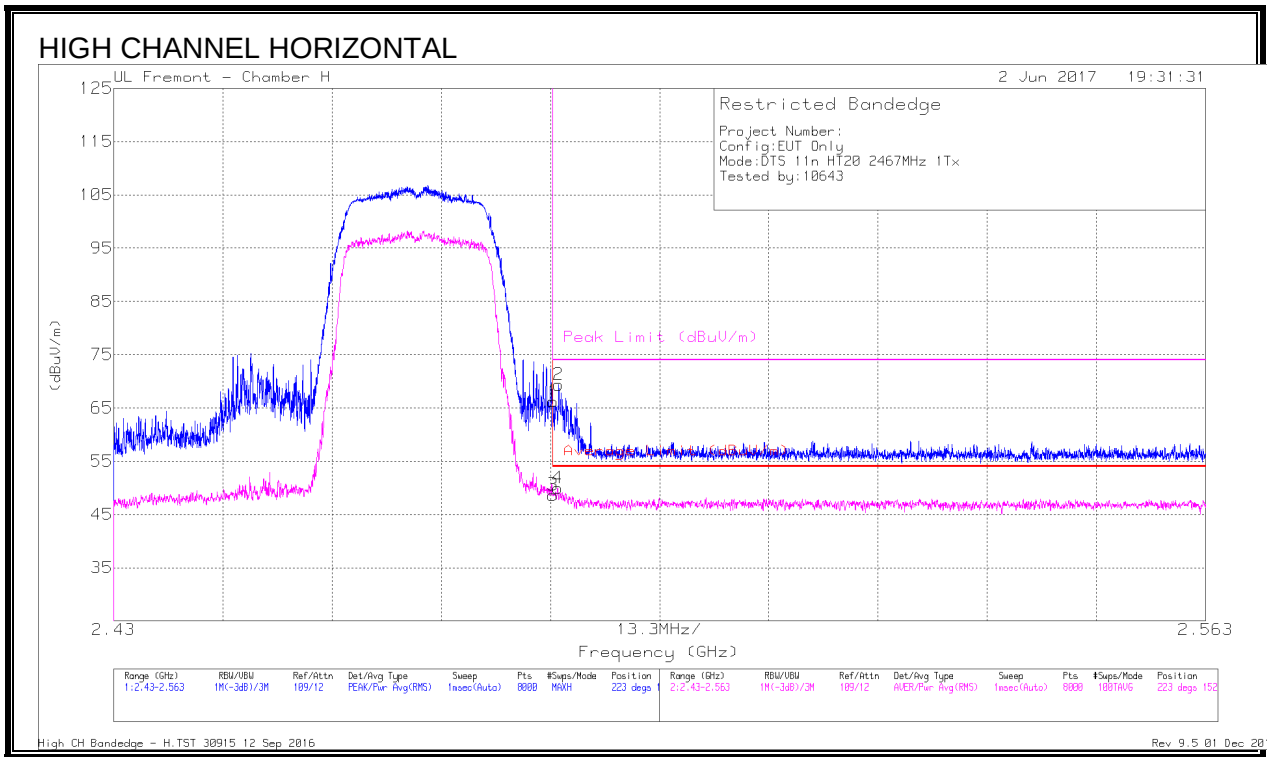
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 41.7                 | Pk  | 32.1           | -22.4                  | 51.4                       | -                      | -           | 74                  | -22.6          | 297            | 216         | V        |
| 2      | 2.528           | 44.06                | Pk  | 32.1           | -22.3                  | 53.86                      | -                      | -           | 74                  | -20.14         | 297            | 216         | V        |
| 3      | * 2.484         | 29.86                | RMS | 32.1           | -22.4                  | 39.56                      | 54                     | -14.44      | -                   | -              | 297            | 216         | V        |
| 4      | 2.544           | 31.67                | RMS | 32.1           | -22.3                  | 41.47                      | 54                     | -12.53      | -                   | -              | 297            | 216         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

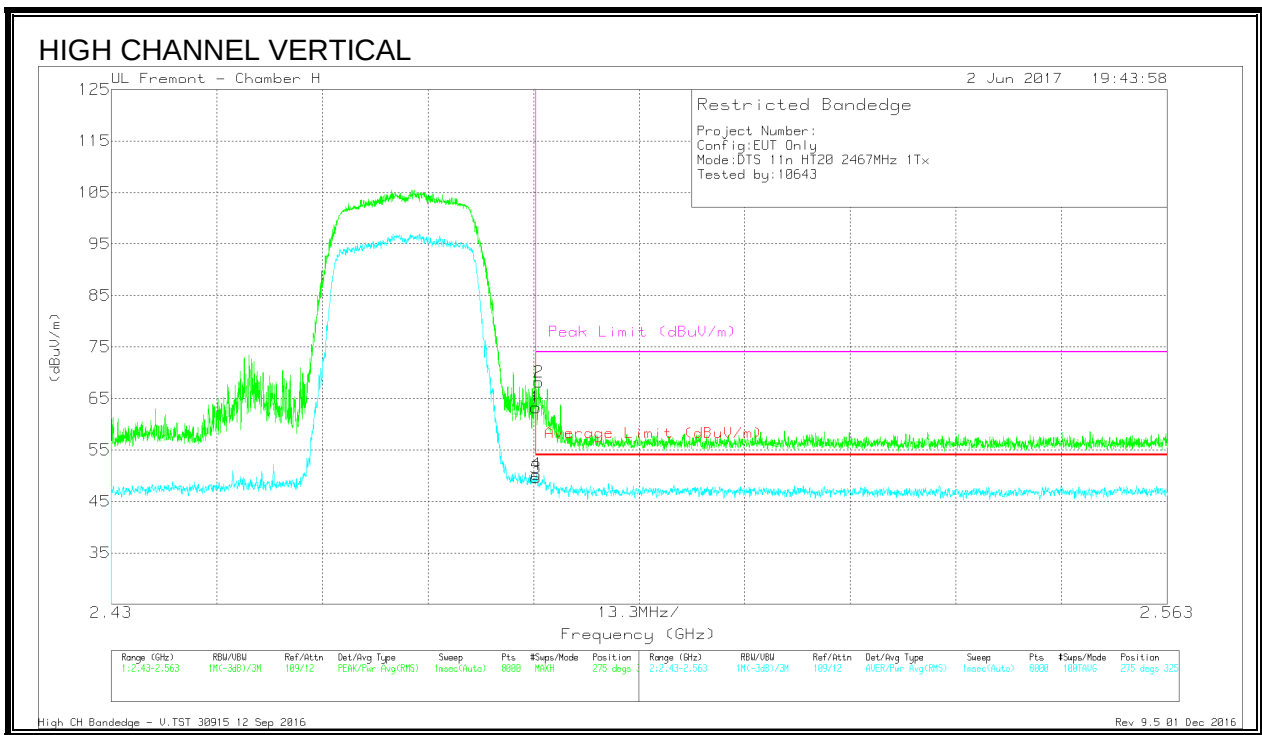


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 47.63                | Pk  | 32.4           | -13.8                  | 66.23                      | -                      | -           | 74                  | -7.77          | 223            | 152         | H        |
| 2      | * 2.484         | 50.75                | Pk  | 32.4           | -13.8                  | 69.35                      | -                      | -           | 74                  | -4.65          | 223            | 152         | H        |
| 3      | * 2.484         | 30.04                | RMS | 32.4           | -13.8                  | 48.64                      | 54                     | -5.36       | -                   | -              | 223            | 152         | H        |
| 4      | * 2.484         | 31.35                | RMS | 32.4           | -13.8                  | 49.95                      | 54                     | -4.05       | -                   | -              | 223            | 152         | H        |

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

Pk - Peak detector

RMS - RMS detection



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (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         | 44.63                | Pk  | 32.4           | -13.8                   | 63.23                      | -                      | -           | 74                  | -10.77         | 275            | 325         | V        |
| 2      | * 2.484         | 49.56                | Pk  | 32.4           | -13.8                   | 68.16                      | -                      | -           | 74                  | -5.84          | 275            | 325         | V        |
| 3      | * 2.484         | 30.98                | RMS | 32.4           | -13.8                   | 49.58                      | 54                     | -4.42       | -                   | -              | 275            | 325         | V        |
| 4      | * 2.484         | 31.64                | RMS | 32.4           | -13.8                   | 50.24                      | 54                     | -3.76       | -                   | -              | 275            | 325         | V        |

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

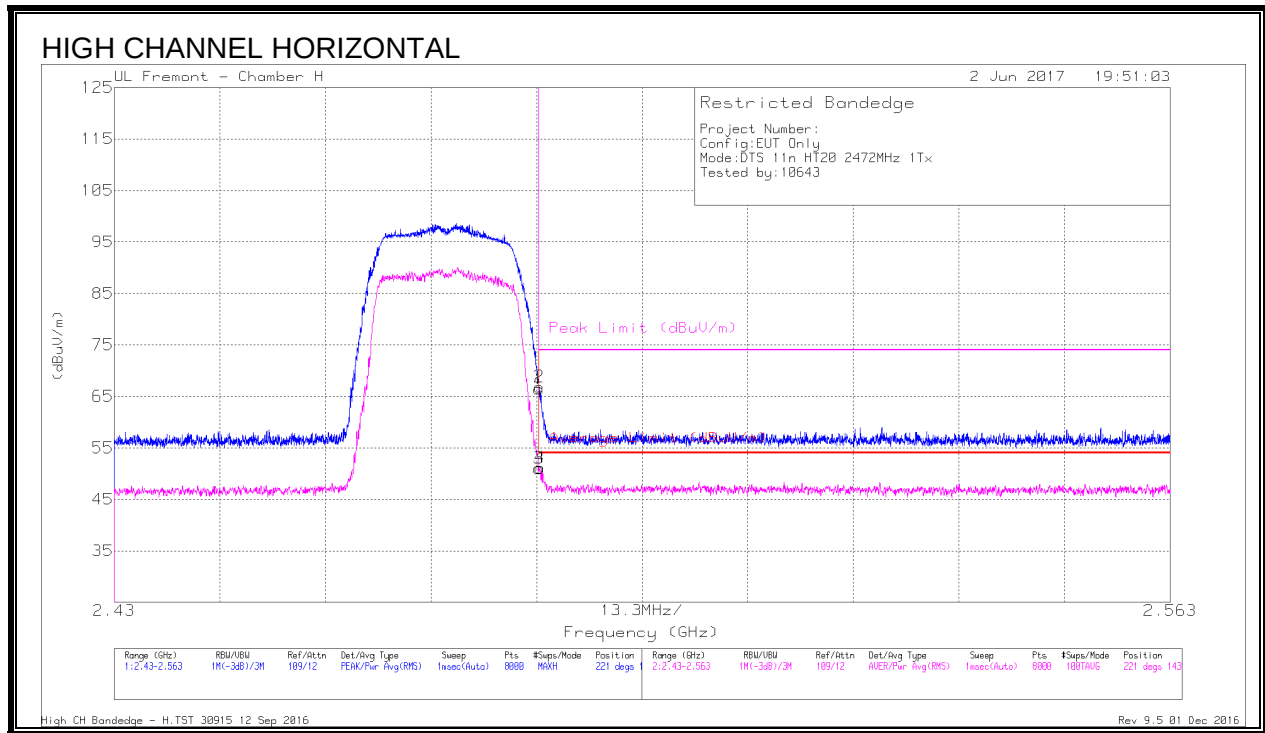
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

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

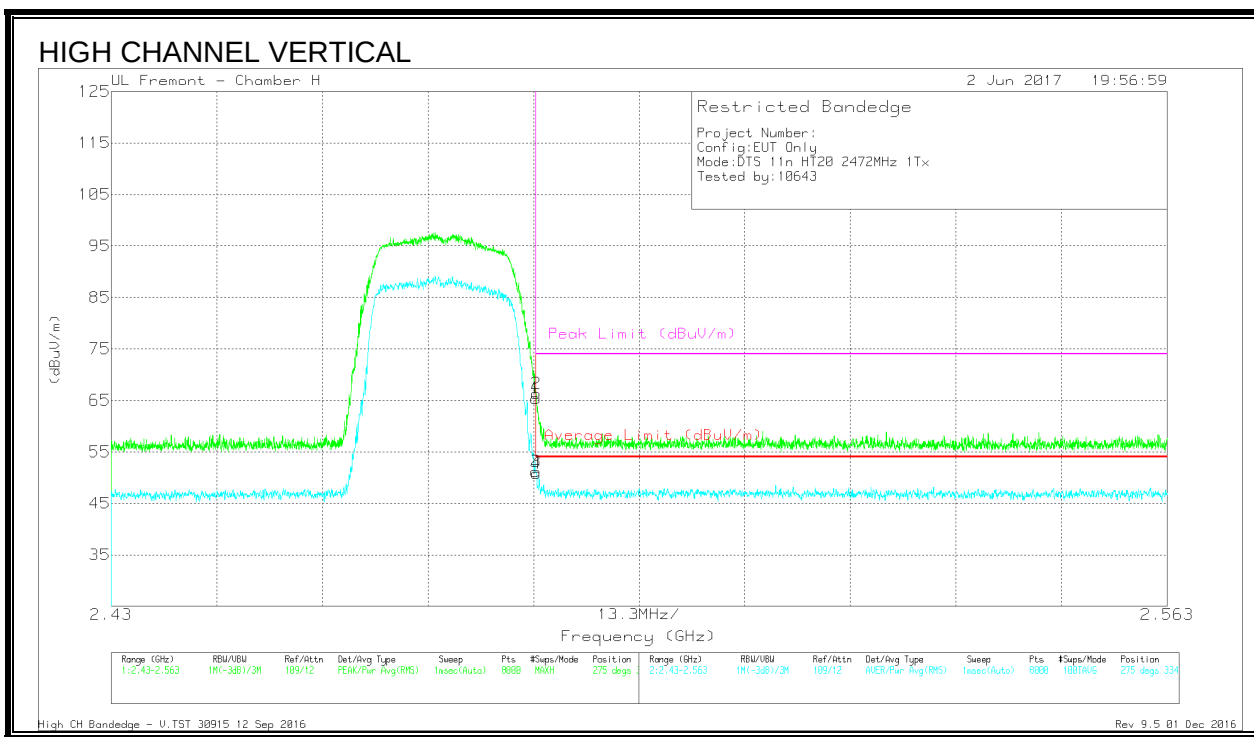


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 47.83                | Pk  | 32.4           | -13.8                | 66.43                      | -                      | -           | 74                  | -7.57          | 221            | 143         | H        |
| 2      | * 2.484         | 48.25                | Pk  | 32.4           | -13.8                | 66.85                      | -                      | -           | 74                  | -7.15          | 221            | 143         | H        |
| 3      | * 2.484         | 32.41                | RMS | 32.4           | -13.8                | 51.01                      | 54                     | -2.99       | -                   | -              | 221            | 143         | H        |
| 4      | * 2.484         | 32.54                | RMS | 32.4           | -13.8                | 51.14                      | 54                     | -2.86       | -                   | -              | 221            | 143         | H        |

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

Pk - Peak detector

RMS - RMS detection



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT344 (dB/m) | Amp/Cbl/ Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 46.82                | Pk  | 32.4          | -13.8                 | 65.42                      | -                      | -           | 74                  | -8.58          | 275            | 334         | V        |
| 2      | * 2.484         | 47.71                | Pk  | 32.4          | -13.8                 | 66.31                      | -                      | -           | 74                  | -7.69          | 275            | 334         | V        |
| 3      | * 2.484         | 32.57                | RMS | 32.4          | -13.8                 | 51.17                      | 54                     | -2.83       | -                   | -              | 275            | 334         | V        |
| 4      | * 2.484         | 32.25                | RMS | 32.4          | -13.8                 | 50.85                      | 54                     | -3.15       | -                   | -              | 275            | 334         | V        |

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

Pk - Peak detector

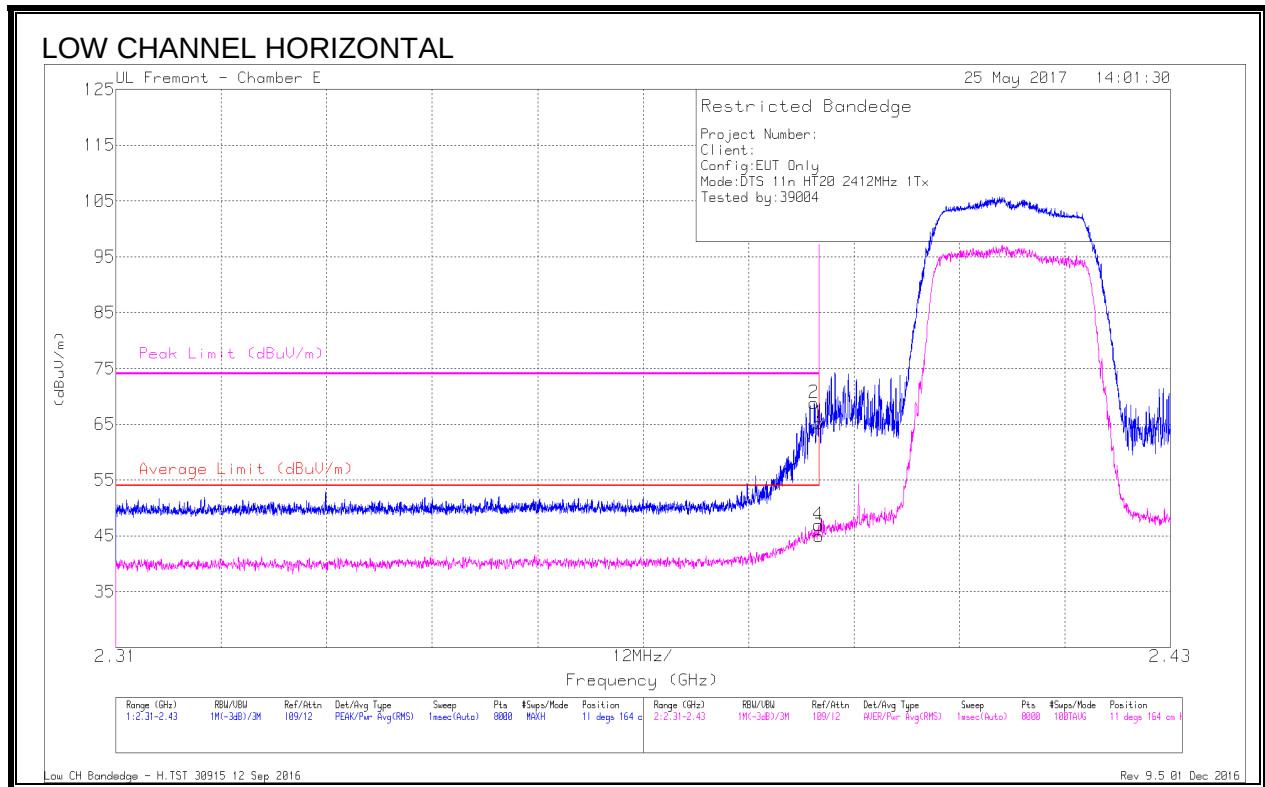
RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

Note: Covered by 2.4GHz 11n HT20, 2TX

## 9.2.4. 11n HT20 LAT 3 SISO MODE IN THE 2.4GHz BAND

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

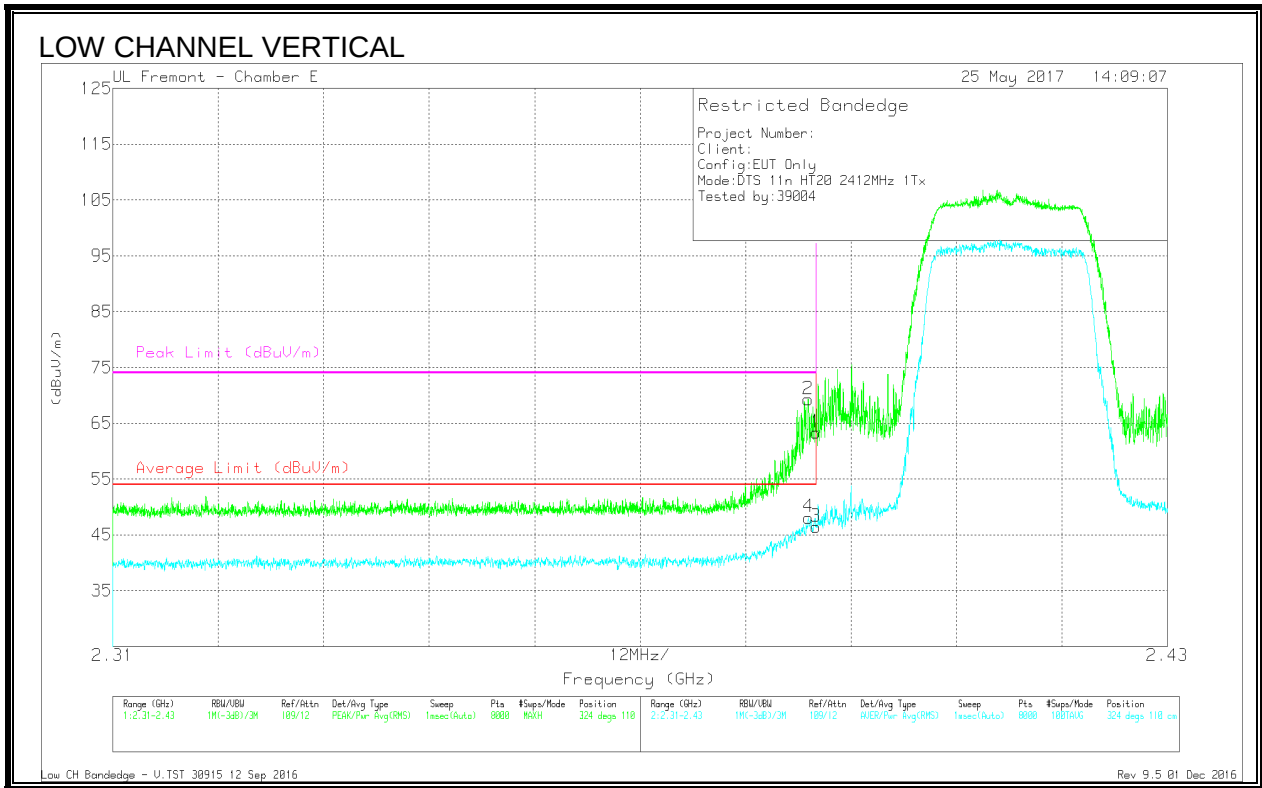


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT136 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.65                | Pk  | 32.2          | -19.7                  | 65.15                      | -                      | -           | 74                  | -8.85          | 11             | 164         | H        |
| 2      | * 2.389         | 56.25                | Pk  | 32.2          | -19.7                  | 68.75                      | -                      | -           | 74                  | -5.25          | 11             | 164         | H        |
| 3      | * 2.39          | 32.43                | RMS | 32.2          | -19.7                  | 44.93                      | 54                     | -9.07       | -                   | -              | 11             | 164         | H        |
| 4      | * 2.39          | 34.4                 | RMS | 32.2          | -19.7                  | 46.9                       | 54                     | -7.1        | -                   | -              | 11             | 164         | H        |

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

Pk - Peak detector

RMS - RMS detection



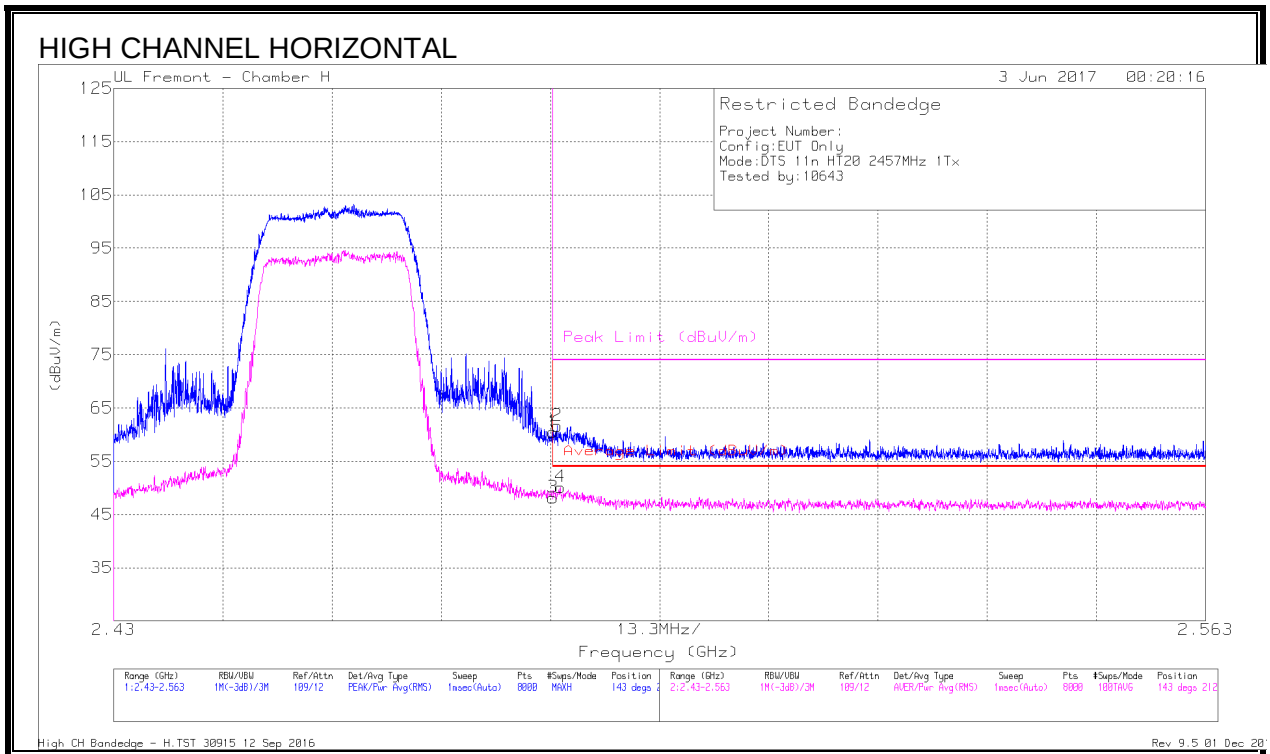
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.389         | 56.83                | Pk  | 32.2           | -19.7                  | 69.33                      | -                      | -           | 74                  | -4.67          | 324            | 110         | V        |
| 4      | * 2.389         | 35.62                | RMS | 32.2           | -19.7                  | 48.12                      | 54                     | -5.88       | -                   | -              | 324            | 110         | V        |
| 1      | * 2.39          | 50.87                | Pk  | 32.2           | -19.7                  | 63.37                      | -                      | -           | 74                  | -10.63         | 324            | 110         | V        |
| 3      | * 2.39          | 33.89                | RMS | 32.2           | -19.7                  | 46.39                      | 54                     | -7.61       | -                   | -              | 324            | 110         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

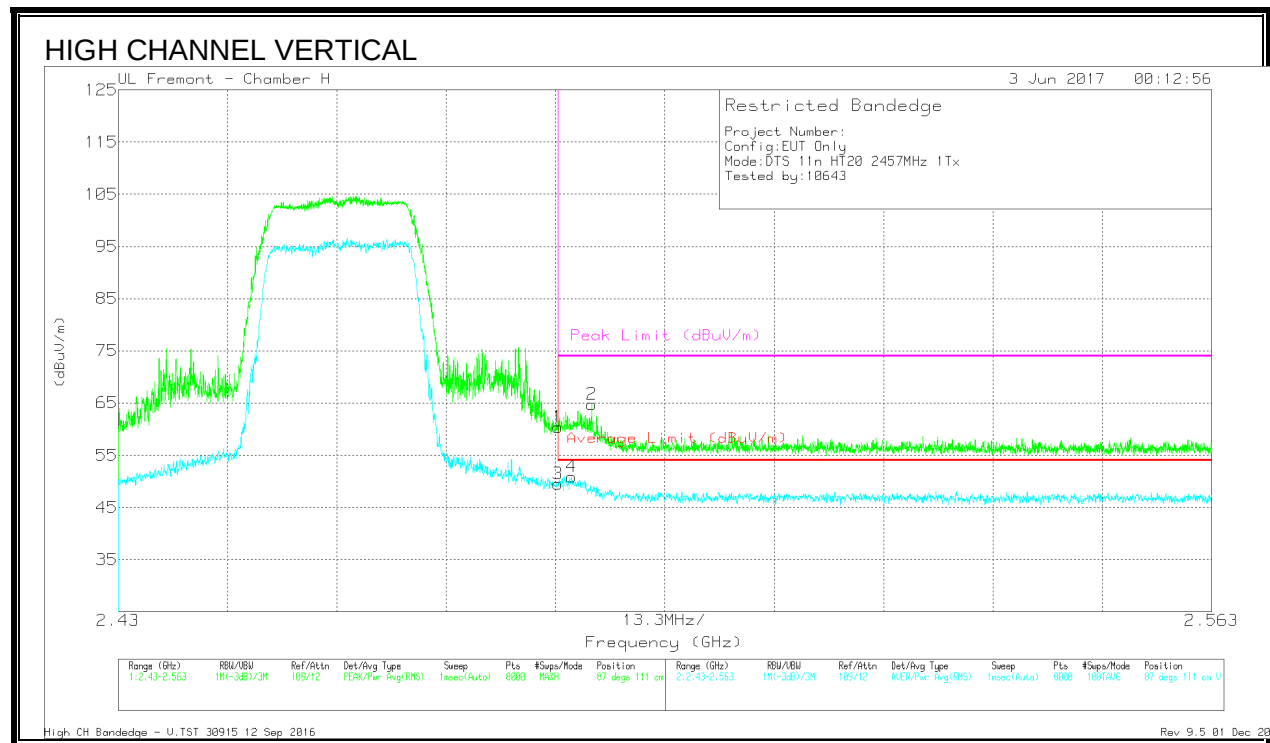


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 41.91                | Pk  | 32.4           | -13.8                  | 60.51                      | -                      | -           | 74                  | -13.49         | 143            | 212         | H        |
| 2      | * 2.484         | 43.05                | Pk  | 32.4           | -13.8                  | 61.65                      | -                      | -           | 74                  | -12.35         | 143            | 212         | H        |
| 3      | * 2.484         | 29.58                | RMS | 32.4           | -13.8                  | 48.18                      | 54                     | -5.82       | -                   | -              | 143            | 212         | H        |
| 4      | * 2.484         | 31.54                | RMS | 32.4           | -13.8                  | 50.14                      | 54                     | -3.86       | -                   | -              | 143            | 212         | H        |

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

Pk - Peak detector

RMS - RMS detection



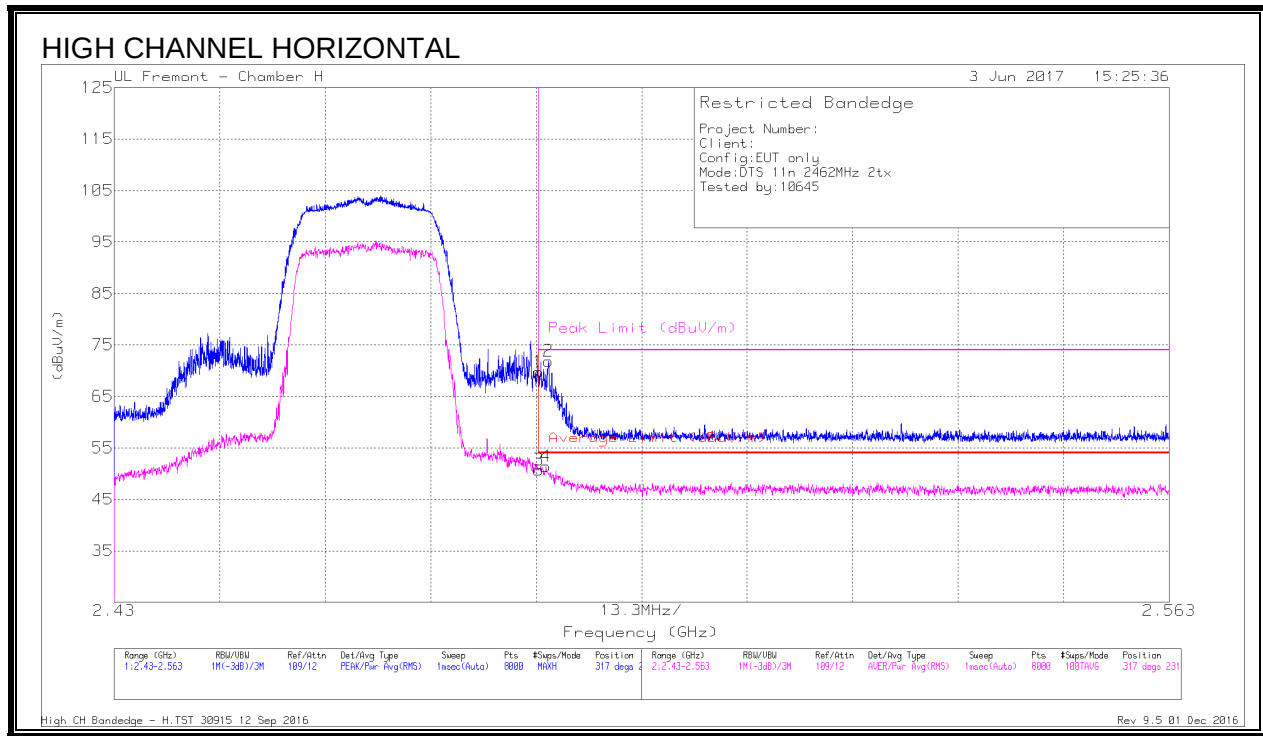
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 41.78                | Pk  | 32.4           | -13.8                  | 60.38                      | -                      | -           | 74                  | -13.62         | 87             | 111         | V        |
| 2      | * 2.488         | 46.11                | Pk  | 32.4           | -13.8                  | 64.71                      | -                      | -           | 74                  | -9.29          | 87             | 111         | V        |
| 3      | * 2.484         | 30.87                | RMS | 32.4           | -13.8                  | 49.47                      | 54                     | -4.53       | -                   | -              | 87             | 111         | V        |
| 4      | * 2.485         | 32.26                | RMS | 32.4           | -13.8                  | 50.86                      | 54                     | -3.14       | -                   | -              | 87             | 111         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

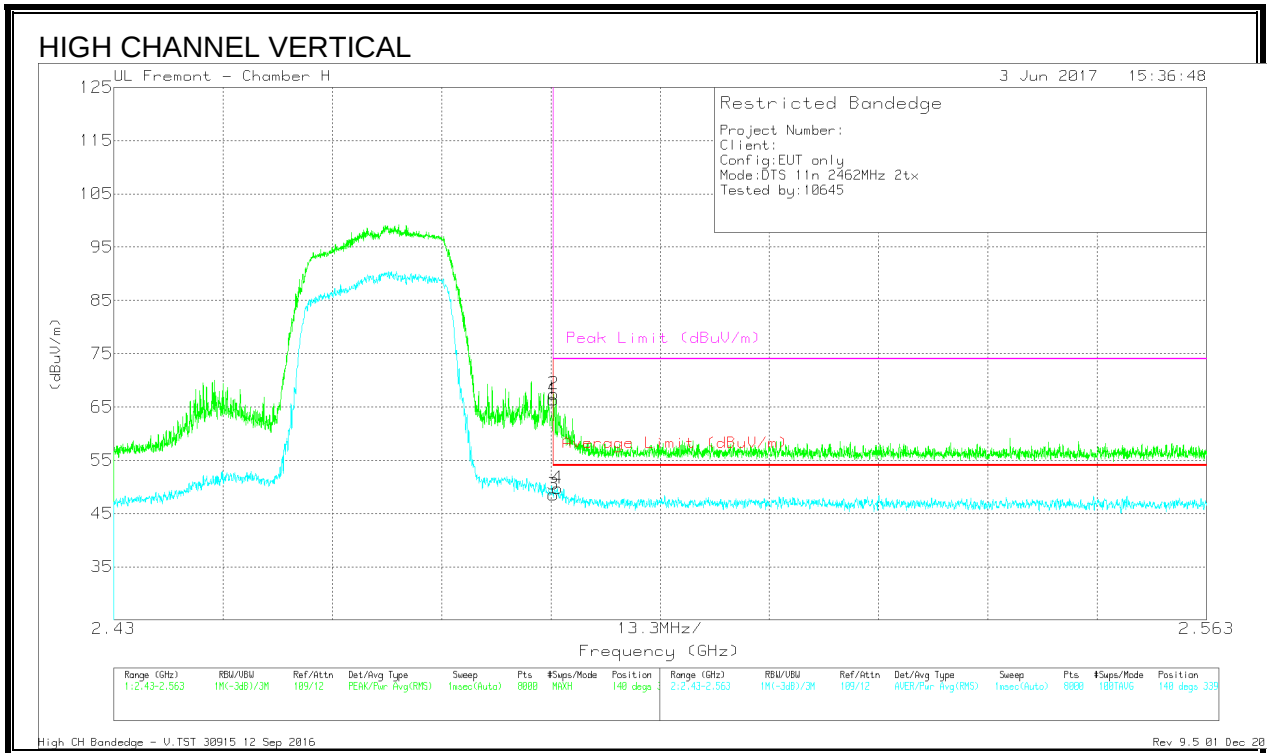


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.2                 | Pk  | 32.4           | -13.8                   | 69.8                       | -                      | -           | 74                  | -4.2           | 317            | 231         | H        |
| 2      | * 2.485         | 53.28                | Pk  | 32.4           | -13.8                   | 71.88                      | -                      | -           | 74                  | -2.12          | 317            | 231         | H        |
| 3      | * 2.484         | 32.14                | RMS | 32.4           | -13.8                   | 50.74                      | 54                     | -3.26       | -                   | -              | 317            | 231         | H        |
| 4      | * 2.484         | 32.83                | RMS | 32.4           | -13.8                   | 51.43                      | 54                     | -2.57       | -                   | -              | 317            | 231         | H        |

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

Pk - Peak detector

RMS - RMS detection



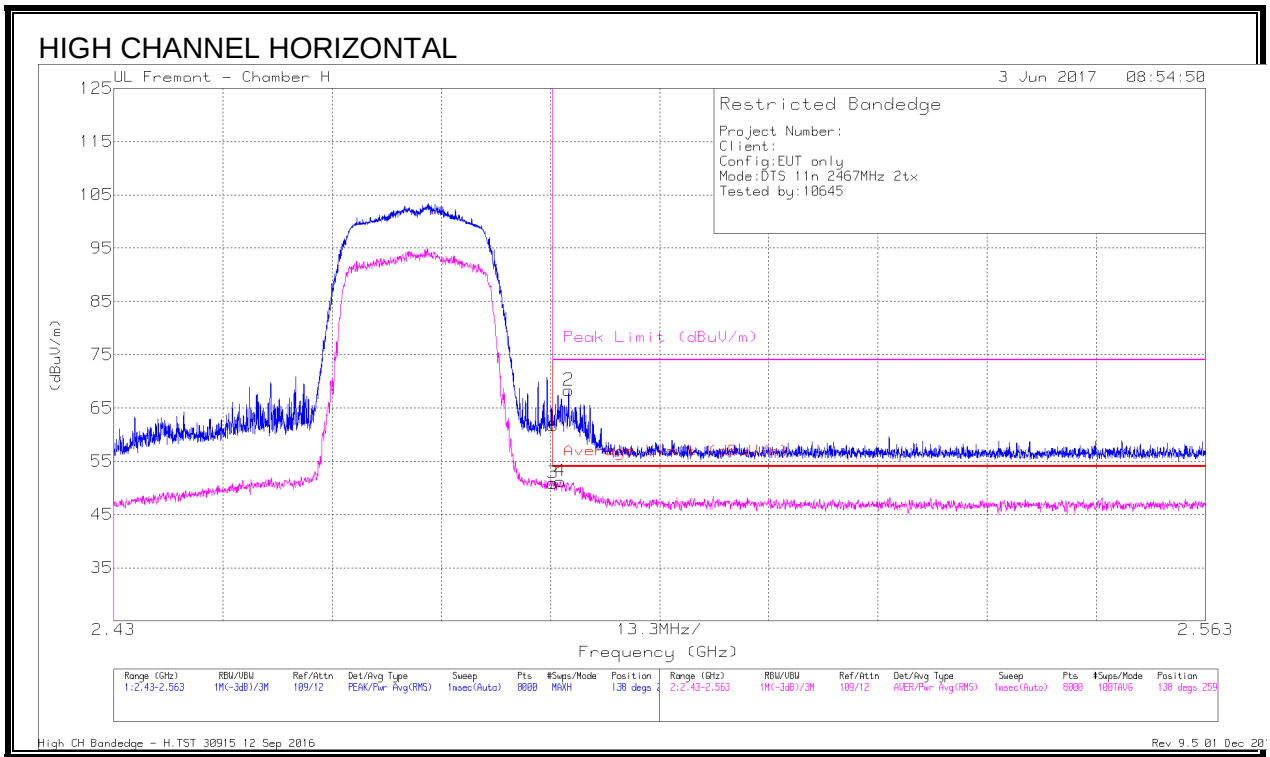
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T344<br>(dB/m) | Amp/Cbl/<br>Fitr/Pad<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | Average<br>Limit<br>(dBuV/m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|-----|-------------------|------------------------------|----------------------------------|------------------------------|----------------|---------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 2.484                | 47.8                       | Pk  | 32.4              | -13.8                        | 66.4                             | -                            | -              | 74                        | -7.6                 | 140               | 339            | V        |
| 2      | * 2.484                | 48.85                      | Pk  | 32.4              | -13.8                        | 67.45                            | -                            | -              | 74                        | -6.55                | 140               | 339            | V        |
| 3      | * 2.484                | 29.96                      | RMS | 32.4              | -13.8                        | 48.56                            | 54                           | -5.44          | -                         | -                    | 140               | 339            | V        |
| 4      | * 2.484                | 31.15                      | RMS | 32.4              | -13.8                        | 49.75                            | 54                           | -4.25          | -                         | -                    | 140               | 339            | V        |

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

Pk - Peak detector

RMS - RMS detection

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

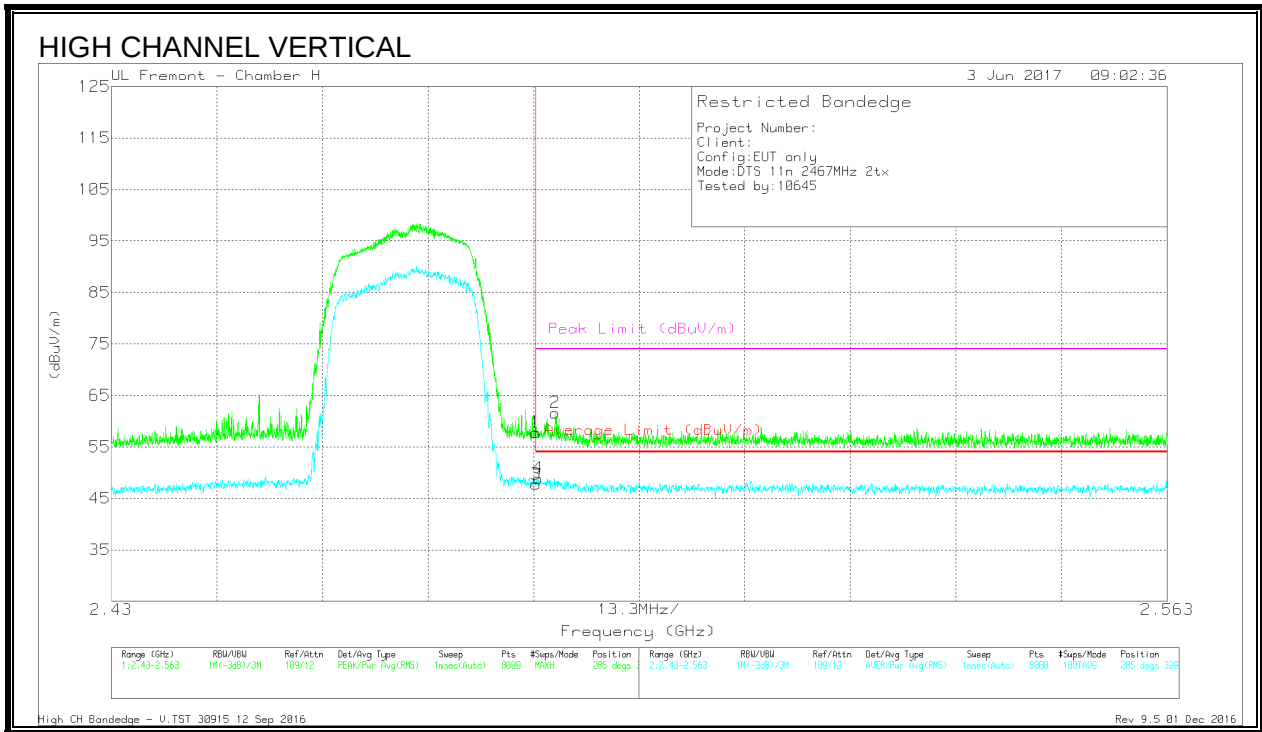


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 43.1                 | Pk  | 32.4           | -13.8                  | 61.7                       | -                      | -           | 74                  | -12.3          | 138            | 259         | H        |
| 2      | * 2.485         | 49.71                | Pk  | 32.4           | -13.8                  | 68.31                      | -                      | -           | 74                  | -5.69          | 138            | 259         | H        |
| 3      | * 2.484         | 32.29                | RMS | 32.4           | -13.8                  | 50.89                      | 54                     | -3.11       | -                   | -              | 138            | 259         | H        |
| 4      | * 2.484         | 32.64                | RMS | 32.4           | -13.8                  | 51.24                      | 54                     | -2.76       | -                   | -              | 138            | 259         | H        |

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

Pk - Peak detector

RMS - RMS detection



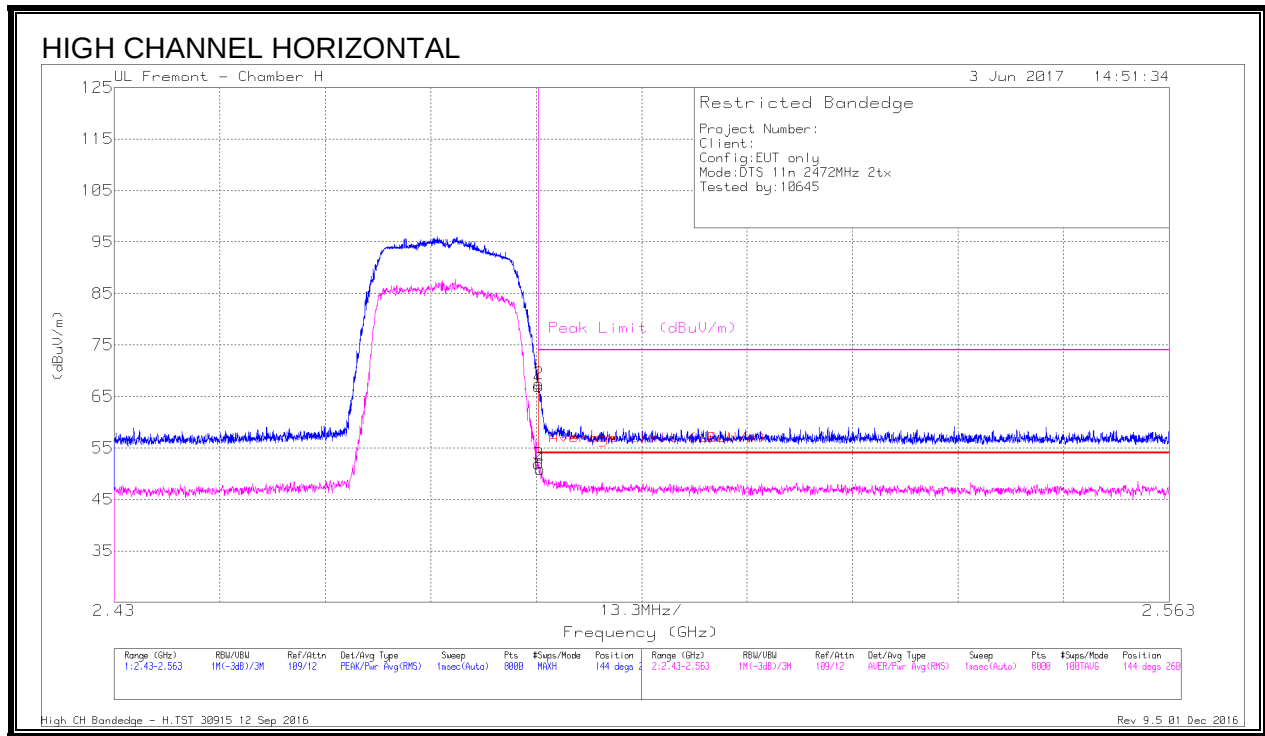
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 39.22                | Pk  | 32.4           | -13.8                   | 57.82                      | -                      | -           | 74                  | -16.18         | 285            | 329         | V        |
| 2      | * 2.486         | 43.03                | Pk  | 32.4           | -13.8                   | 61.63                      | -                      | -           | 74                  | -12.37         | 285            | 329         | V        |
| 3      | * 2.484         | 29.15                | RMS | 32.4           | -13.8                   | 47.75                      | 54                     | -6.25       | -                   | -              | 285            | 329         | V        |
| 4      | * 2.484         | 30.31                | RMS | 32.4           | -13.8                   | 48.91                      | 54                     | -5.09       | -                   | -              | 285            | 329         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

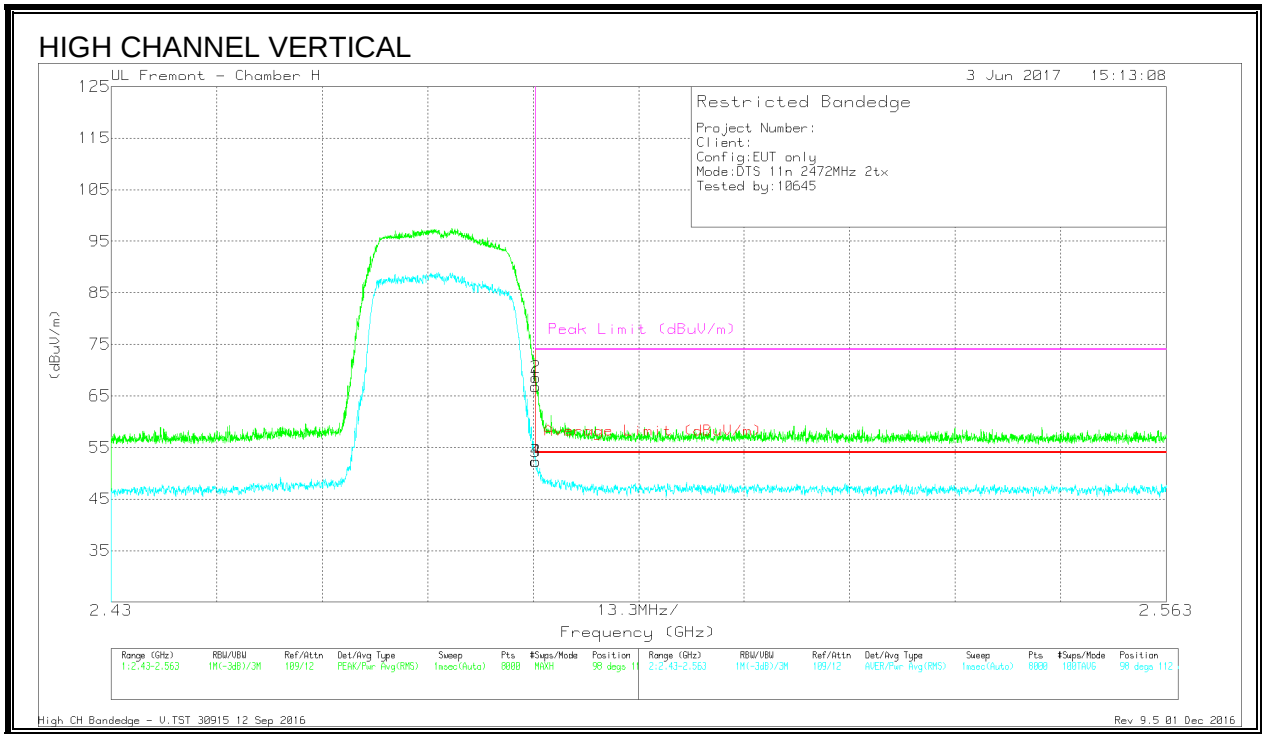


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl /Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 48.31                | Pk  | 32.4           | -13.8                  | 66.91                      | -                      | -           | 74                  | -7.09          | 144            | 260         | H        |
| 2      | * 2.484         | 48.85                | Pk  | 32.4           | -13.8                  | 67.45                      | -                      | -           | 74                  | -6.55          | 144            | 260         | H        |
| 3      | * 2.484         | 33.28                | RMS | 32.4           | -13.8                  | 51.88                      | 54                     | -2.12       | -                   | -              | 144            | 260         | H        |
| 4      | * 2.484         | 32.3                 | RMS | 32.4           | -13.8                  | 50.9                       | 54                     | -3.1        | -                   | -              | 144            | 260         | H        |

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

Pk - Peak detector

RMS - RMS detection



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT344 (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         | 48.19                | Pk  | 32.4          | -13.8                  | 66.79                      | -                      | -           | 74                  | -7.21          | 98             | 112         | V        |
| 2      | * 2.484         | 49.98                | Pk  | 32.4          | -13.8                  | 68.58                      | -                      | -           | 74                  | -5.42          | 98             | 112         | V        |
| 3      | * 2.484         | 33.71                | RMS | 32.4          | -13.8                  | 52.31                      | 54                     | -1.69       | -                   | -              | 98             | 112         | V        |
| 4      | * 2.484         | 33.74                | RMS | 32.4          | -13.8                  | 52.34                      | 54                     | -1.66       | -                   | -              | 98             | 112         | V        |

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

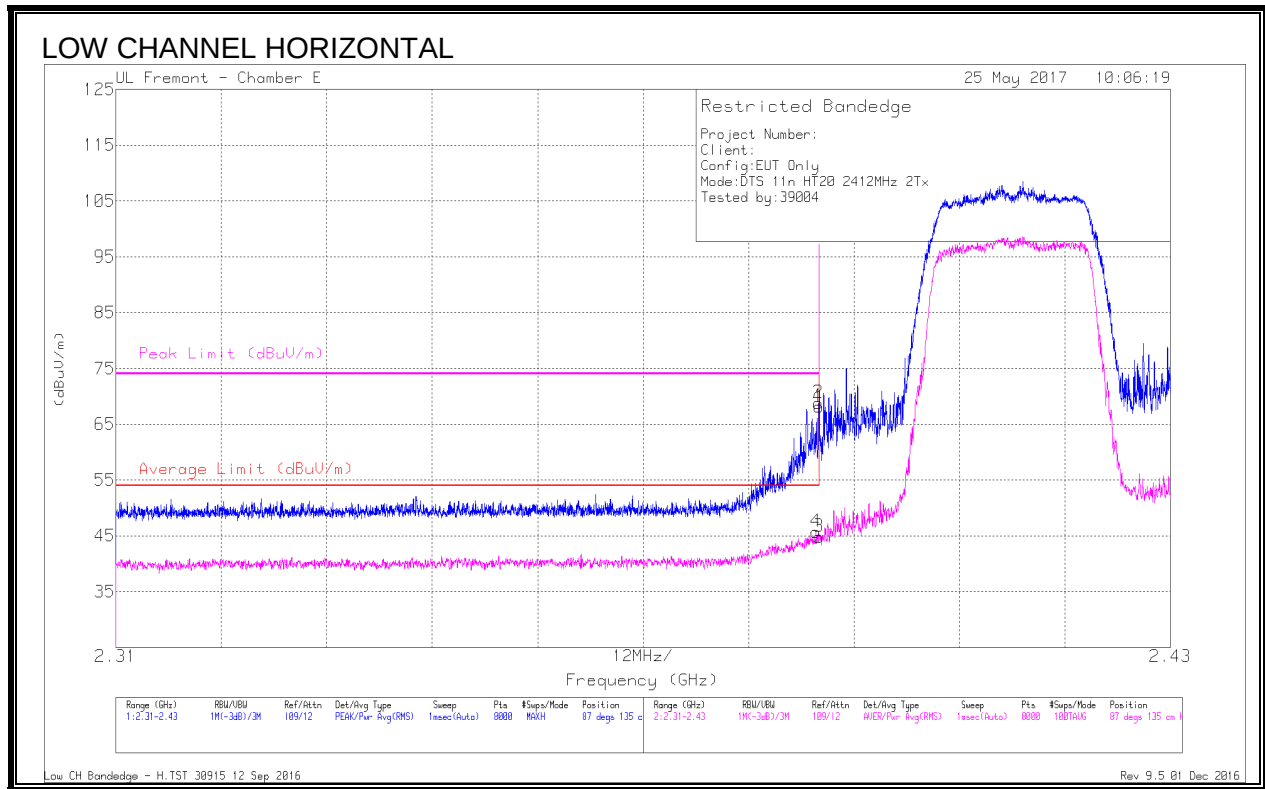
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**HARMONICS AND SPURIOUS EMISSIONS**

Note: Covered by HT20 2TX

## 9.2.5. 11n HT20 2TX CDD MIMO MODE IN THE 2.4GHz BAND

### AUTHORIZED BANDEGE (LOW CHANNEL, CH 1)

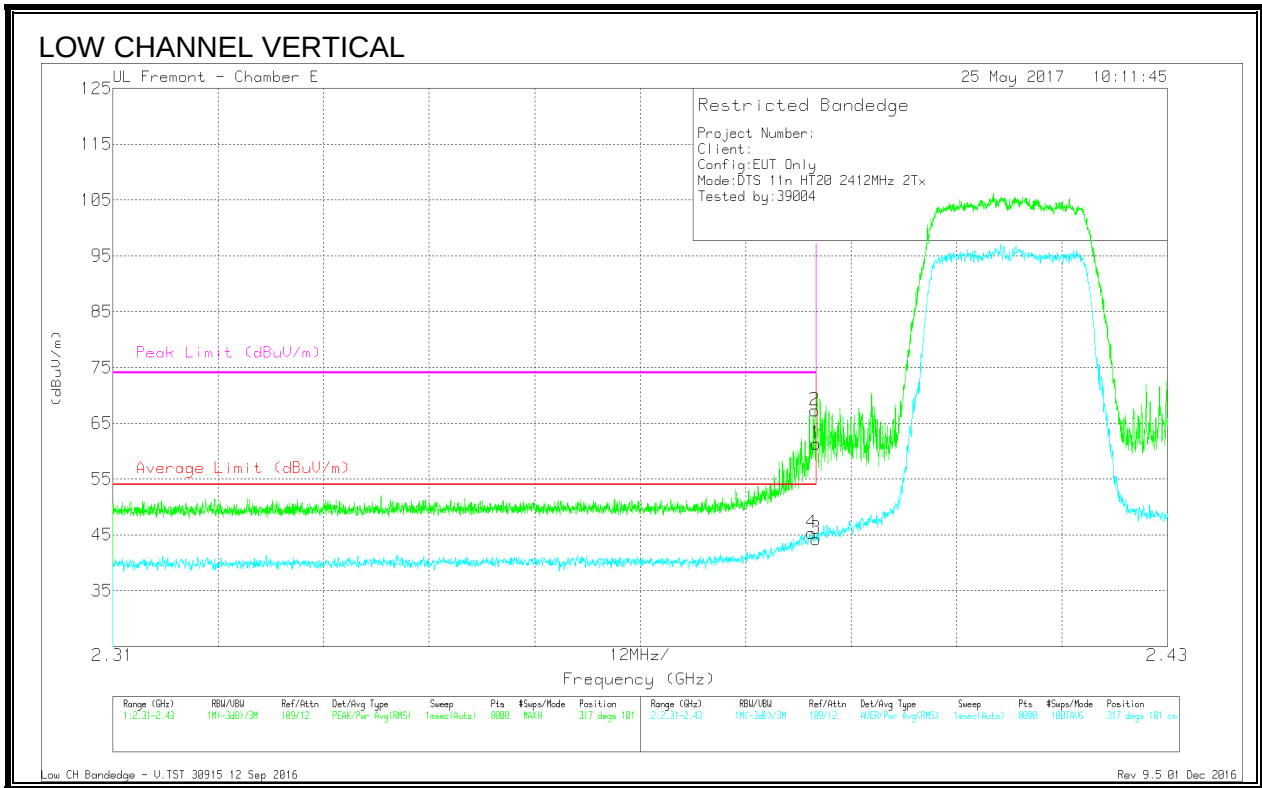


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.63                | Pk  | 32.2          | -19.7                  | 68.13                      | -                      | -           | 74                  | -5.87          | 87             | 135         | H        |
| 2      | * 2.39          | 56.3                 | Pk  | 32.2          | -19.7                  | 68.8                       | -                      | -           | 74                  | -5.2           | 87             | 135         | H        |
| 3      | * 2.39          | 32.37                | RMS | 32.2          | -19.7                  | 44.87                      | 54                     | -9.13       | -                   | -              | 87             | 135         | H        |
| 4      | * 2.39          | 33.22                | RMS | 32.2          | -19.7                  | 45.72                      | 54                     | -8.28       | -                   | -              | 87             | 135         | H        |

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

Pk - Peak detector

RMS - RMS detection



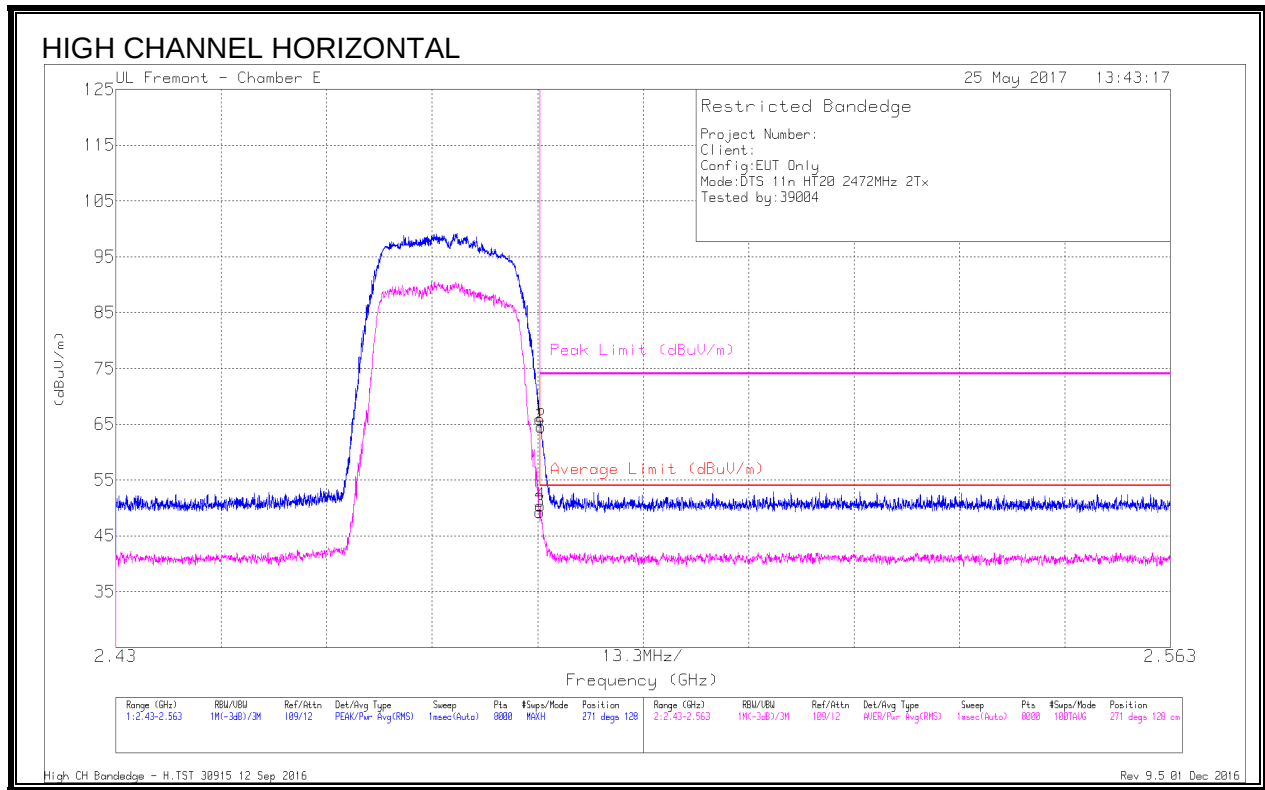
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 48.79                | Pk  | 32.2           | -19.7                  | 61.29                      | -                      | -           | 74                  | -12.71         | 317            | 101         | V        |
| 2      | * 2.39          | 54.75                | Pk  | 32.2           | -19.7                  | 67.25                      | -                      | -           | 74                  | -6.75          | 317            | 101         | V        |
| 3      | * 2.39          | 31.77                | RMS | 32.2           | -19.7                  | 44.27                      | 54                     | -9.73       | -                   | -              | 317            | 101         | V        |
| 4      | * 2.39          | 32.83                | RMS | 32.2           | -19.7                  | 45.33                      | 54                     | -8.67       | -                   | -              | 317            | 101         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

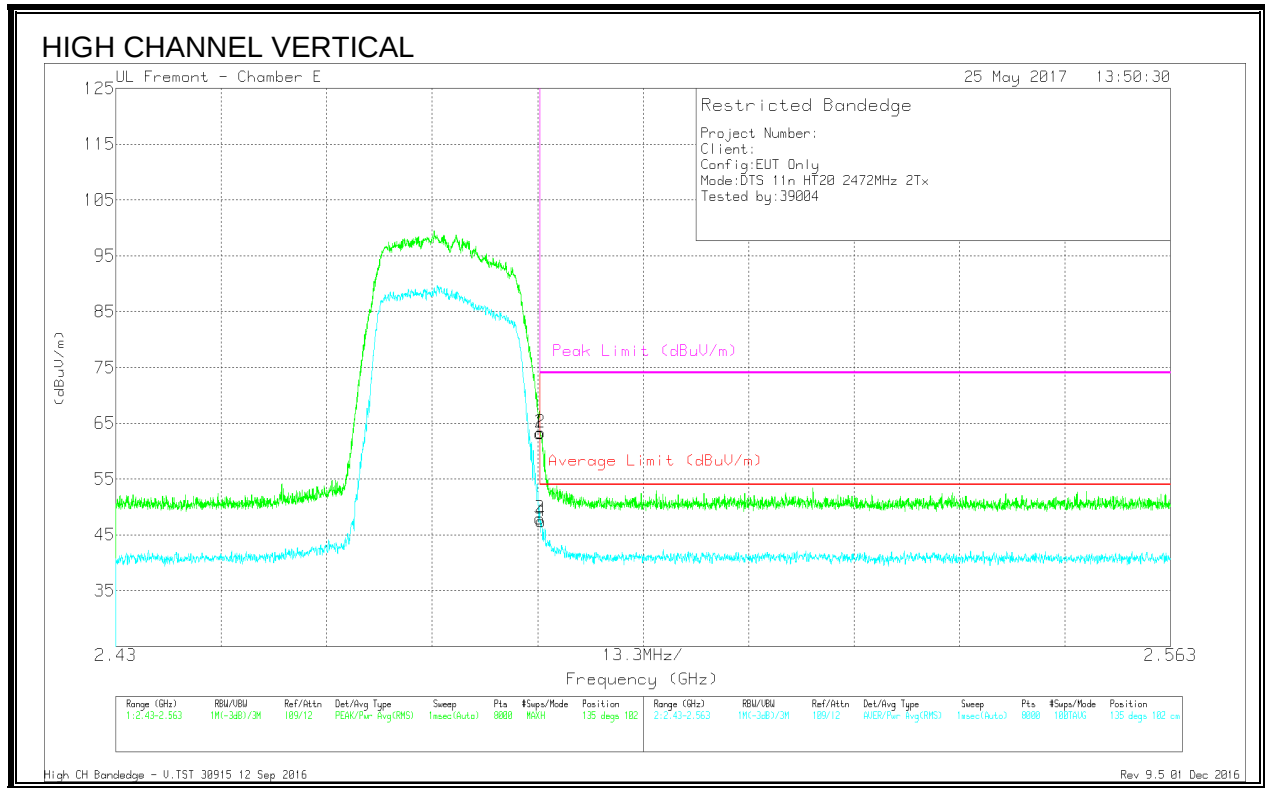


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.94                | Pk  | 32.7           | -19.7                  | 65.94                      | -                      | -           | 74                  | -8.06          | 271            | 128         | H        |
| 2      | * 2.484         | 51.54                | Pk  | 32.7           | -19.7                  | 64.54                      | -                      | -           | 74                  | -9.46          | 271            | 128         | H        |
| 3      | * 2.484         | 36.32                | RMS | 32.7           | -19.7                  | 49.32                      | 54                     | -4.68       | -                   | -              | 271            | 128         | H        |
| 4      | * 2.484         | 37.45                | RMS | 32.7           | -19.7                  | 50.45                      | 54                     | -3.55       | -                   | -              | 271            | 128         | H        |

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

Pk - Peak detector

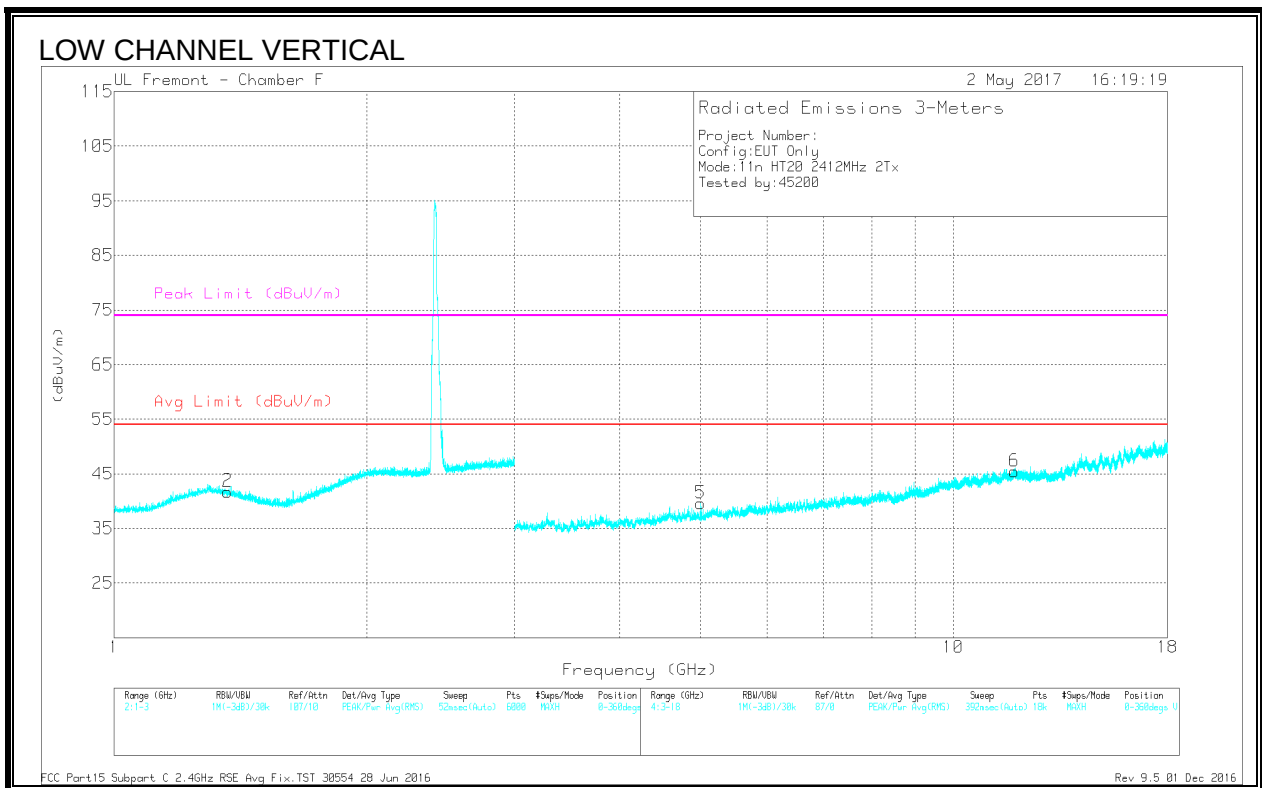
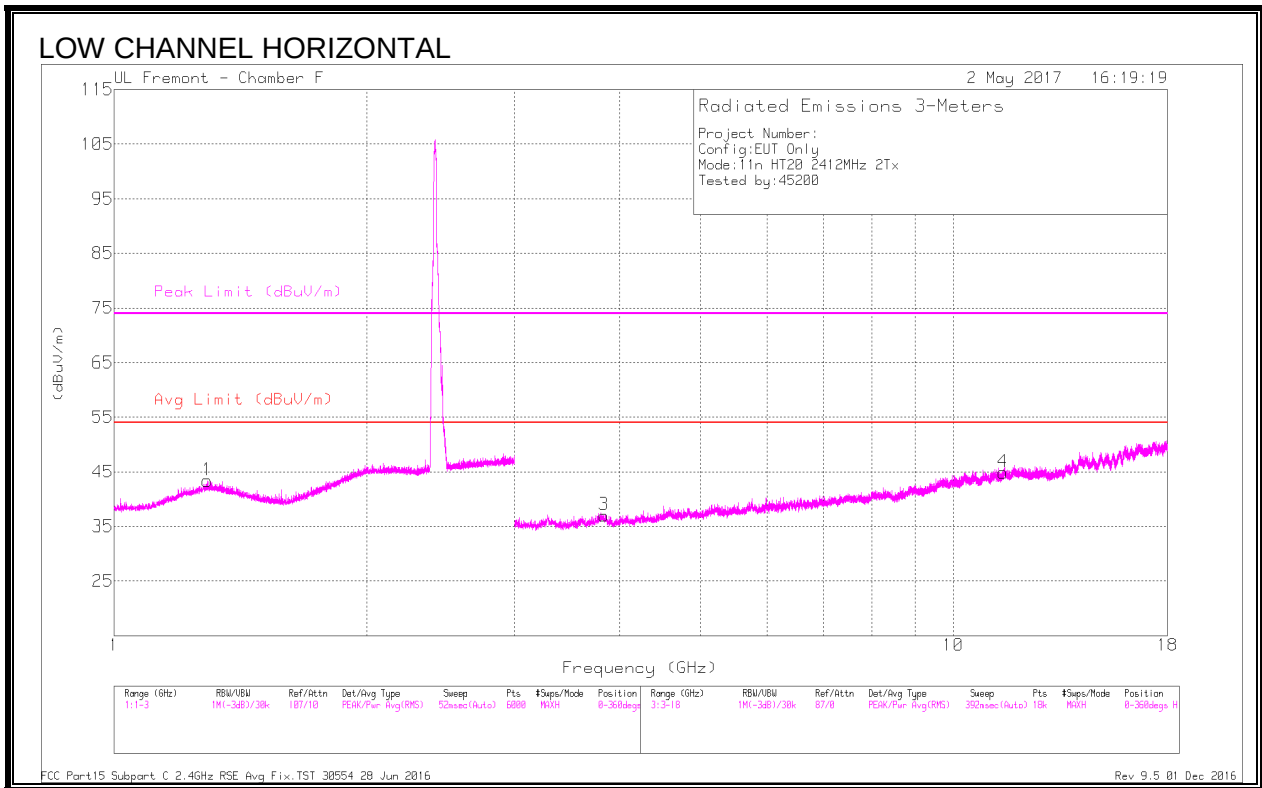
RMS - RMS detection



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.19                | Pk  | 32.7           | -19.7                  | 63.19                      | -                      | -           | 74                  | -10.81         | 135            | 102         | V        |
| 2      | * 2.484         | 50.29                | Pk  | 32.7           | -19.7                  | 63.29                      | -                      | -           | 74                  | -10.71         | 135            | 102         | V        |
| 3      | * 2.484         | 34.9                 | RMS | 32.7           | -19.7                  | 47.9                       | 54                     | -6.1        | -                   | -              | 135            | 102         | V        |
| 4      | * 2.484         | 34.39                | RMS | 32.7           | -19.7                  | 47.39                      | 54                     | -6.61       | -                   | -              | 135            | 102         | 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)**



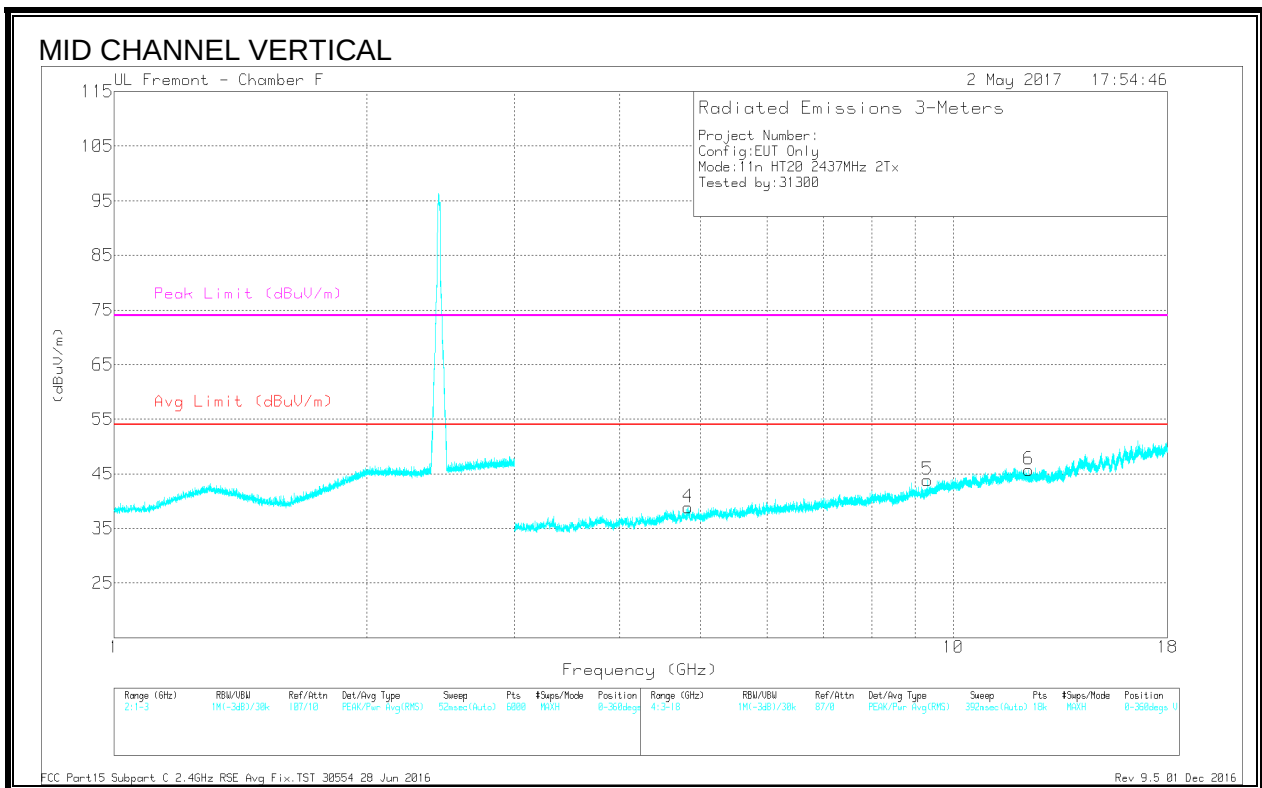
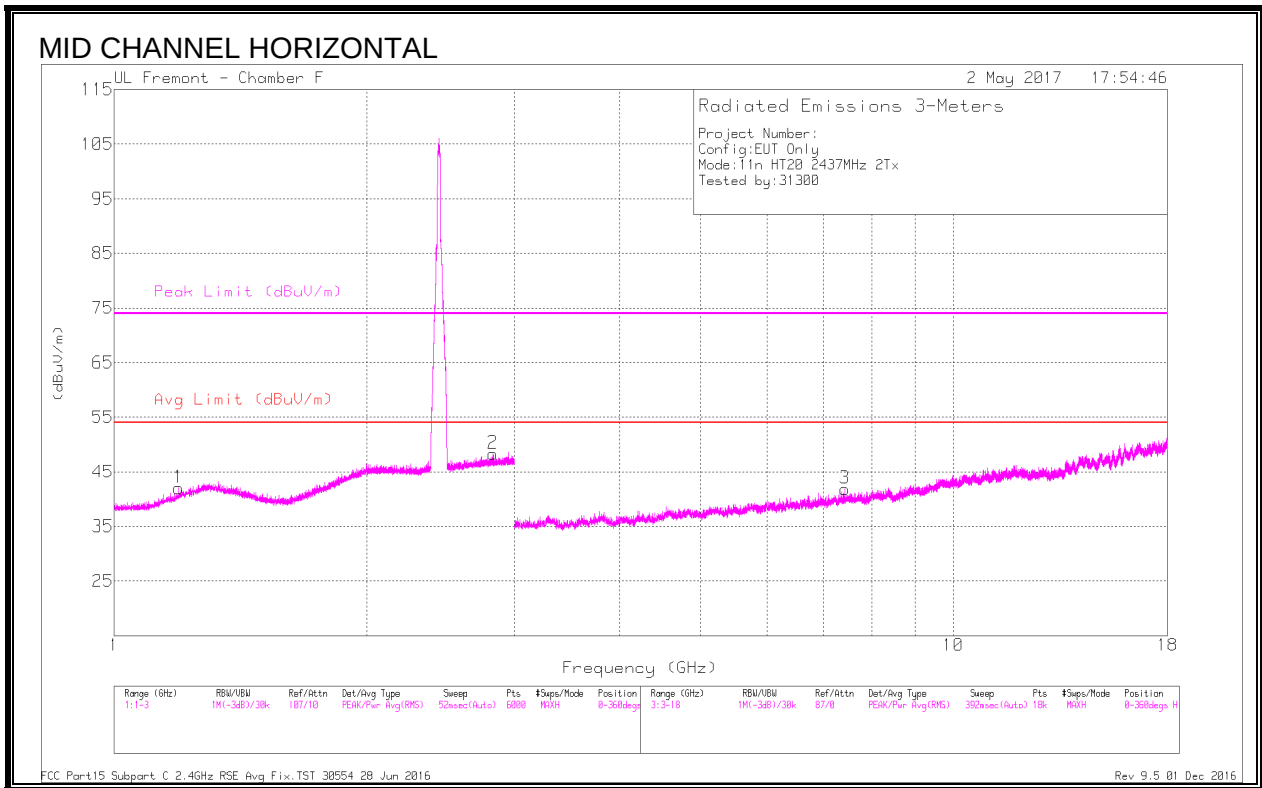
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T119 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1       | * 1.29          | 42.26                | PK2  | 30             | -22.2                   | 50.06                      | -                  | -           | 74                  | -23.94         | 74             | 123         | H        |
|         | * 1.291         | 30.54                | MAv1 | 30             | -22.2                   | 38.34                      | 54                 | -15.66      | -                   | -              | 74             | 123         | H        |
| 2       | * 1.367         | 42.17                | PK2  | 29.4           | -22                     | 49.57                      | -                  | -           | 74                  | -24.43         | 175            | 275         | V        |
|         | * 1.365         | 30.47                | MAv1 | 29.4           | -22.1                   | 37.77                      | 54                 | -16.23      | -                   | -              | 175            | 275         | V        |
| 3       | * 3.838         | 40.05                | PK2  | 33.3           | -28.3                   | 45.05                      | -                  | -           | 74                  | -28.95         | 222            | 188         | H        |
|         | * 3.838         | 28.18                | MAv1 | 33.3           | -28.3                   | 33.18                      | 54                 | -20.82      | -                   | -              | 222            | 188         | H        |
| 4       | * 11.46         | 35.65                | PK2  | 38.4           | -21.7                   | 52.35                      | -                  | -           | 74                  | -21.65         | 68             | 377         | H        |
|         | * 11.459        | 24.39                | MAv1 | 38.3           | -21.7                   | 40.99                      | 54                 | -13.01      | -                   | -              | 68             | 377         | H        |
| 5       | * 5.002         | 39.94                | PK2  | 34.2           | -28.7                   | 45.44                      | -                  | -           | 74                  | -28.56         | 138            | 187         | V        |
|         | * 5.002         | 28.21                | MAv1 | 34.2           | -28.7                   | 33.71                      | 54                 | -20.29      | -                   | -              | 138            | 187         | V        |
| 6       | * 11.818        | 35.63                | PK2  | 39             | -21.6                   | 53.03                      | -                  | -           | 74                  | -20.97         | 123            | 150         | V        |
|         | * 11.82         | 24.33                | MAv1 | 39             | -21.6                   | 41.73                      | 54                 | -12.27      | -                   | -              | 123            | 150         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)**



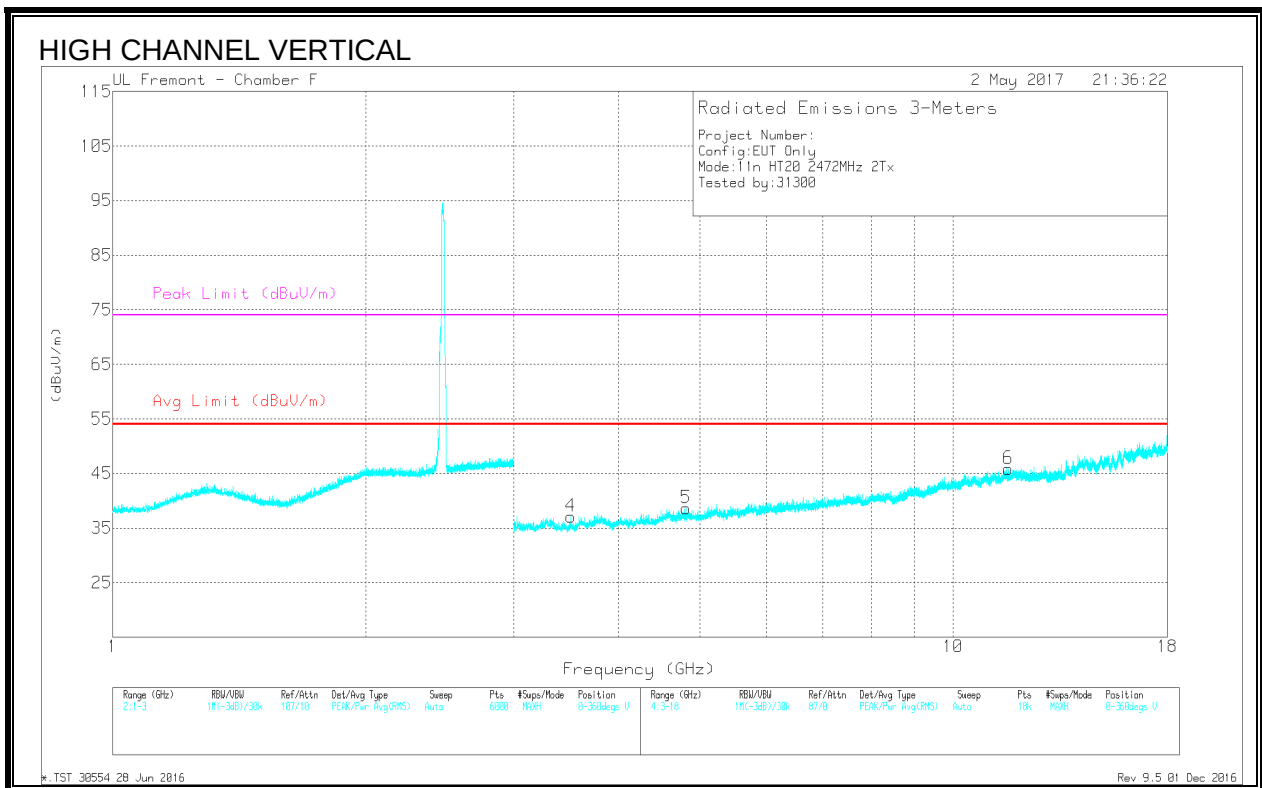
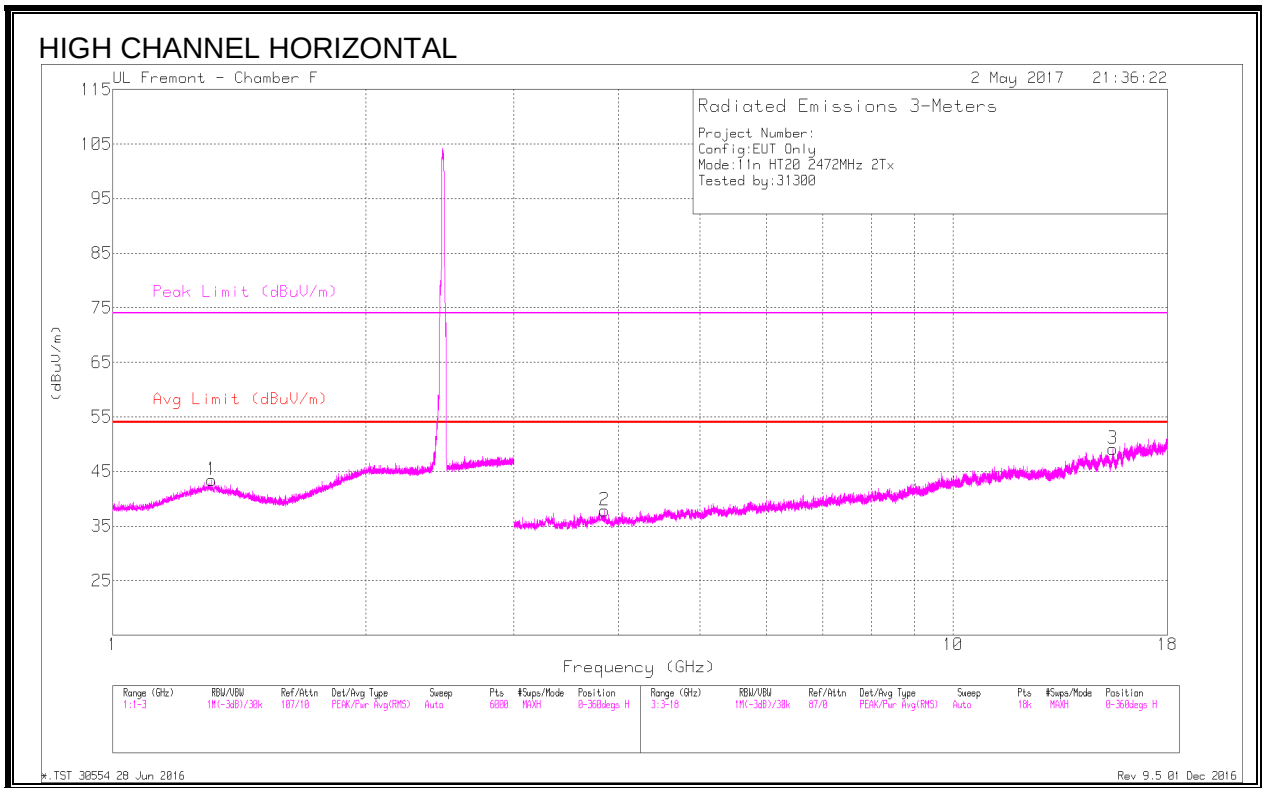
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T119 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.194         | 42.34                | PK2  | 28.7           | -22.5                  | 48.54                      | -                  | -           | 74                  | -25.46         | 214            | 221         | H        |
|        | * 1.192         | 30.13                | MAv1 | 28.7           | -22.5                  | 36.33                      | 54                 | -17.67      | -                   | -              | 214            | 221         | H        |
| 2      | * 2.826         | 41.76                | PK2  | 32.8           | -20.4                  | 54.16                      | -                  | -           | 74                  | -19.84         | 169            | 258         | H        |
|        | * 2.826         | 29.84                | MAv1 | 32.8           | -20.4                  | 42.24                      | 54                 | -11.76      | -                   | -              | 169            | 258         | H        |
| 3      | * 7.425         | 37.72                | PK2  | 36             | -25.3                  | 48.42                      | -                  | -           | 74                  | -25.58         | 63             | 124         | H        |
|        | * 7.423         | 25.26                | MAv1 | 36             | -25.2                  | 36.06                      | 54                 | -17.94      | -                   | -              | 63             | 124         | H        |
| 4      | * 4.834         | 37.85                | PK2  | 34.2           | -27.2                  | 44.85                      | -                  | -           | 74                  | -29.15         | 207            | 203         | V        |
|        | * 4.833         | 26.28                | MAv1 | 34.2           | -27.2                  | 33.28                      | 54                 | -20.72      | -                   | -              | 207            | 203         | V        |
| 5      | * 9.317         | 35.95                | PK2  | 36.6           | -22.2                  | 50.35                      | -                  | -           | 74                  | -23.65         | 292            | 248         | V        |
|        | * 9.314         | 23.34                | MAv1 | 36.6           | -22.2                  | 37.74                      | 54                 | -16.26      | -                   | -              | 292            | 248         | V        |
| 6      | * 12.3          | 35.81                | PK2  | 38.7           | -22.8                  | 51.71                      | -                  | -           | 74                  | -22.29         | 229            | 187         | V        |
|        | * 12.301        | 24.35                | MAv1 | 38.7           | -22.8                  | 40.25                      | 54                 | -13.75      | -                   | -              | 229            | 187         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)**



| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T119 (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       | * 1.312         | 42.11                | PK2  | 30             | -22.2                   | 49.91                      | -                  | -           | 74                  | -24.09         | 16             | 400         | H        |
|         | * 1.312         | 29.97                | MAv1 | 30             | -22.2                   | 37.77                      | 54                 | -16.23      | -                   | -              | 16             | 400         | H        |
| 2       | * 3.848         | 39.49                | PK2  | 33.3           | -28.3                   | 44.49                      | -                  | -           | 74                  | -29.51         | 360            | 149         | H        |
|         | * 3.851         | 27.56                | MAv1 | 33.3           | -28.3                   | 32.56                      | 54                 | -21.44      | -                   | -              | 360            | 149         | H        |
| 3       | * 15.497        | 36.25                | PK2  | 41.5           | -22.4                   | 55.35                      | -                  | -           | 74                  | -18.65         | 145            | 365         | H        |
|         | * 15.499        | 25                   | MAv1 | 41.6           | -22.5                   | 44.1                       | 54                 | -9.9        | -                   | -              | 145            | 365         | H        |
| 4       | * 3.507         | 39.05                | PK2  | 33             | -28.5                   | 43.55                      | -                  | -           | 74                  | -30.45         | 5              | 121         | V        |
|         | * 3.507         | 27.16                | MAv1 | 33             | -28.5                   | 31.66                      | 54                 | -22.34      | -                   | -              | 5              | 121         | V        |
| 5       | * 4.818         | 37.82                | PK2  | 34.1           | -27.3                   | 44.62                      | -                  | -           | 74                  | -29.38         | 231            | 306         | V        |
|         | * 4.819         | 26.04                | MAv1 | 34.1           | -27.2                   | 32.94                      | 54                 | -21.06      | -                   | -              | 231            | 306         | V        |
| 6       | * 11.642        | 35.48                | PK2  | 38.6           | -22                     | 52.08                      | -                  | -           | 74                  | -21.92         | 95             | 265         | V        |
|         | * 11.645        | 23.84                | MAv1 | 38.6           | -22                     | 40.44                      | 54                 | -13.56      | -                   | -              | 95             | 265         | V        |

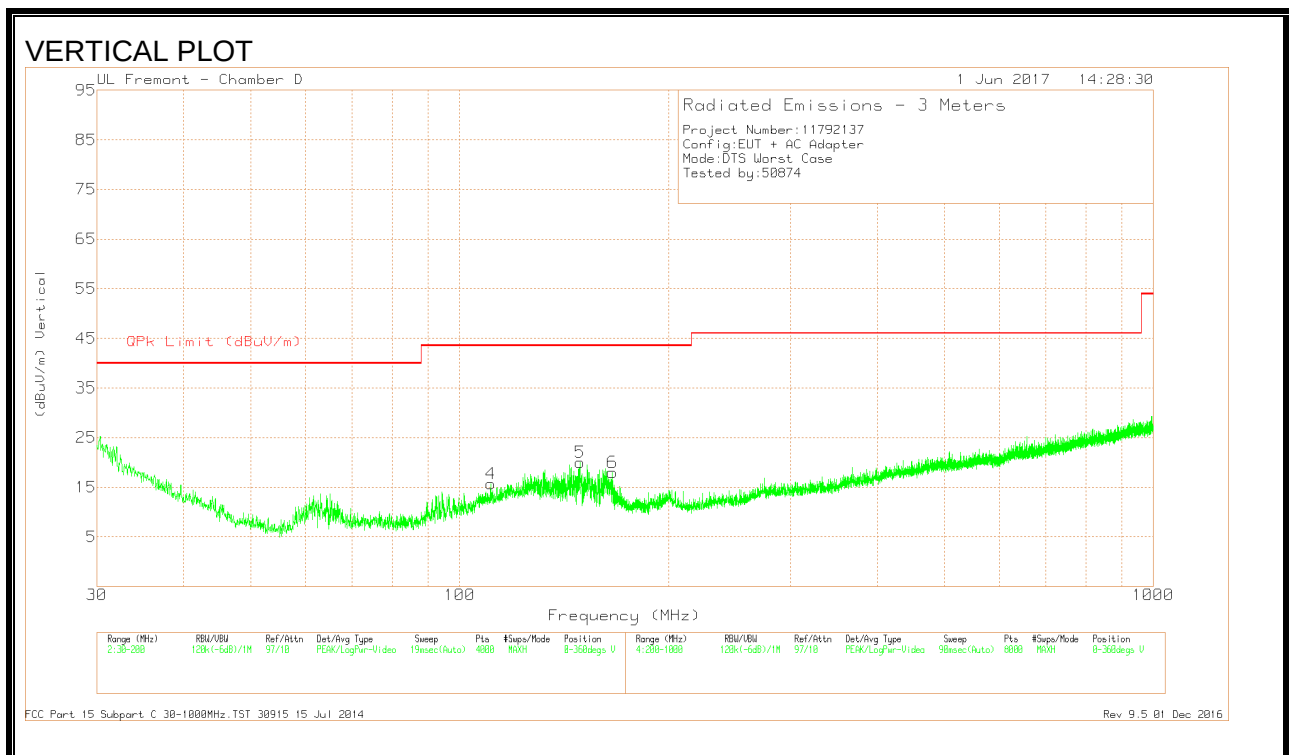
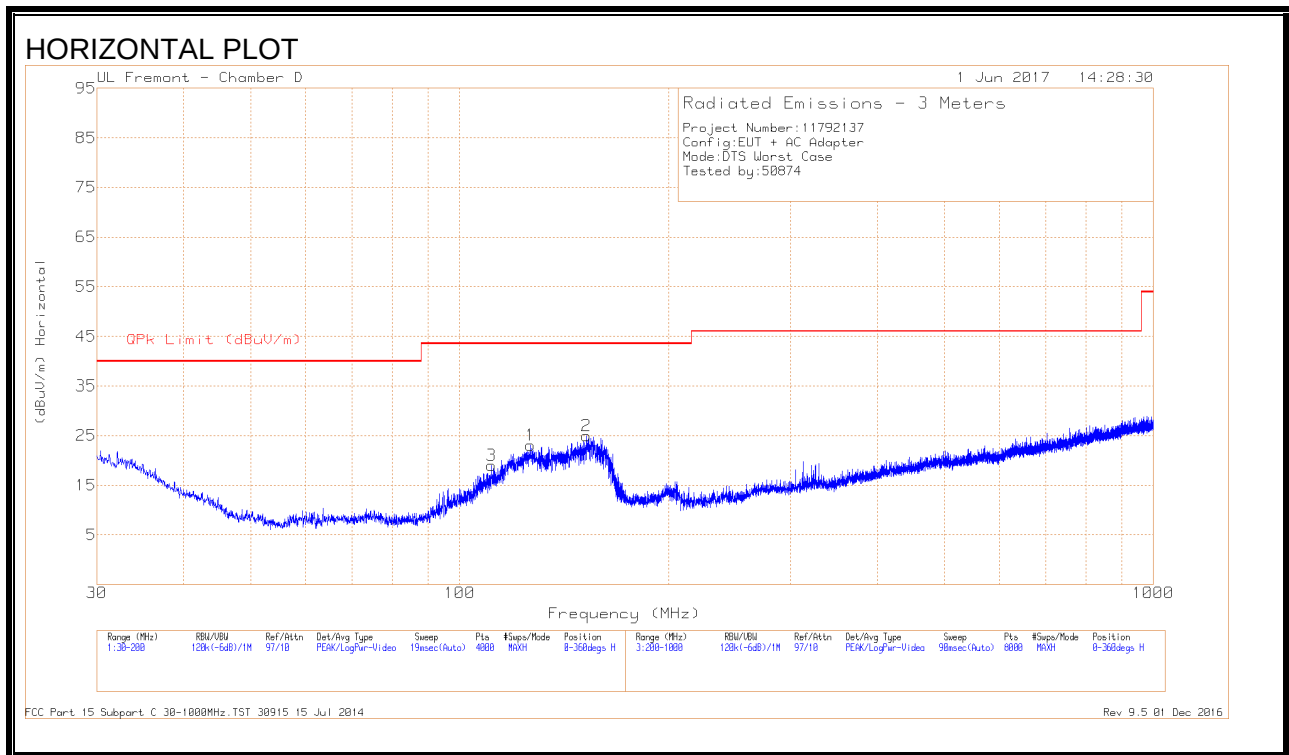
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 9.3. WORST-CASE BELOW 1 GHz

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



## DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF T243 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | * 126.5         | 36.11                | Pk  | 18.1           | -31.2        | 23.01                      | 43.52              | -20.51      | 0-360          | 199         | H        |
| 2      | 152.4317        | 39.71                | Pk  | 16.3           | -31          | 25.01                      | 43.52              | -18.51      | 0-360          | 199         | H        |
| 3      | * 111.1535      | 33.4                 | Pk  | 16.9           | -31.3        | 19                         | 43.52              | -24.52      | 0-360          | 299         | H        |
| 4      | * 110.8134      | 30.15                | Pk  | 16.9           | -31.3        | 15.75                      | 43.52              | -27.77      | 0-360          | 100         | V        |
| 5      | 149.2434        | 34.57                | Pk  | 16.5           | -31.1        | 19.97                      | 43.52              | -23.55      | 0-360          | 100         | V        |
| 6      | * 166.0777      | 32.98                | Pk  | 15.9           | -30.9        | 17.98                      | 43.52              | -25.54      | 0-360          | 100         | V        |

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

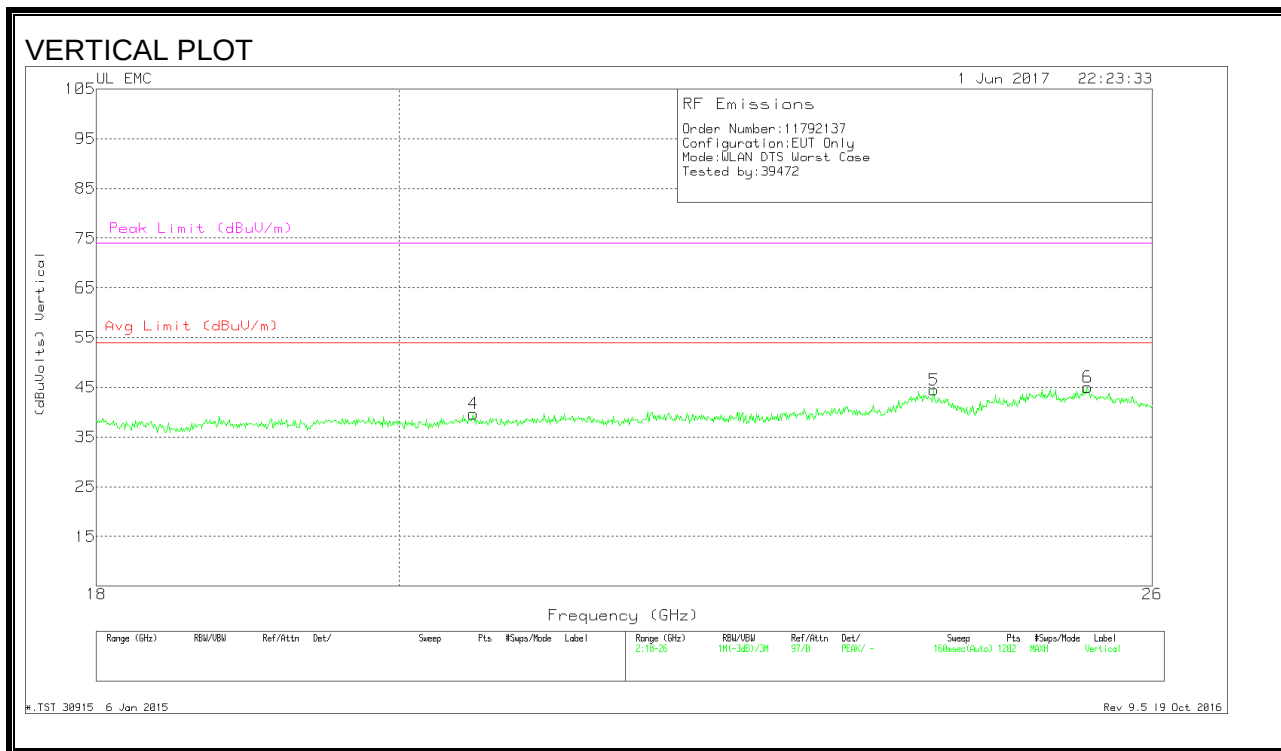
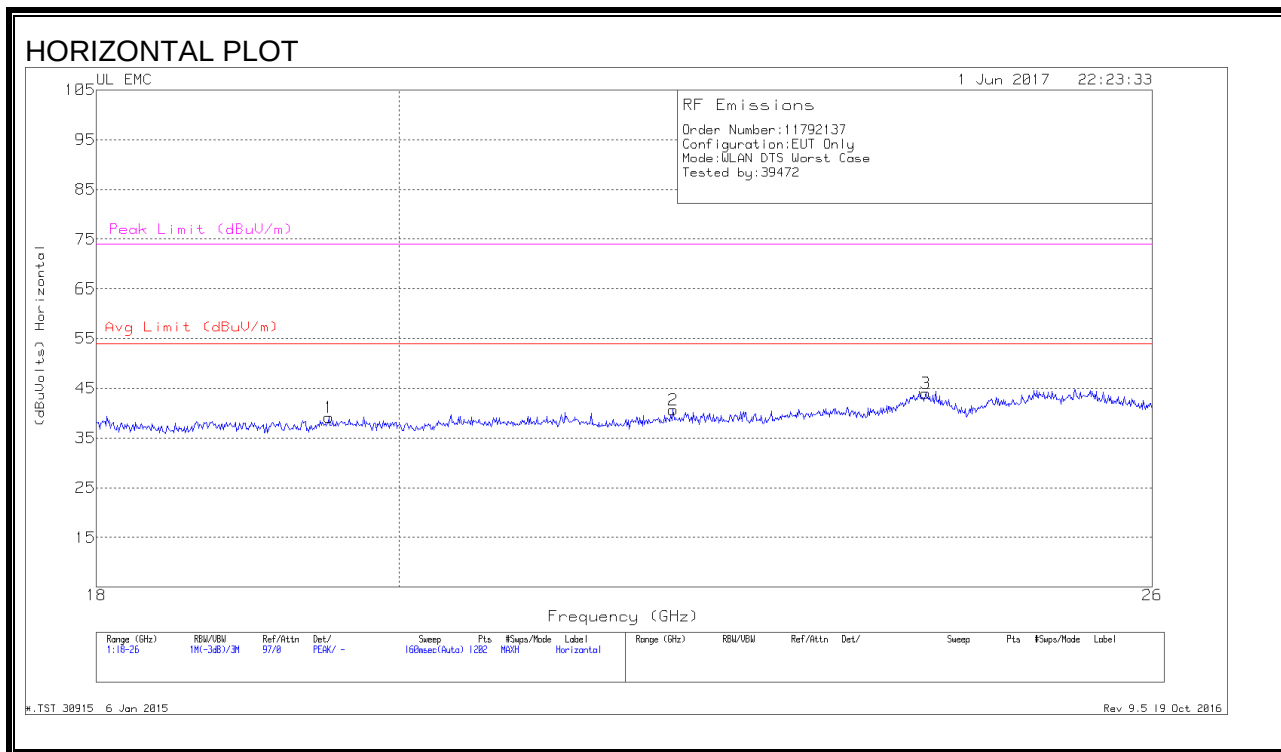
Pk - Peak detector

FCC Part 15 Subpart C 30-1000MHz.TST 30915 15 Jul 2014

Rev 9.5 26 Apr 2016

## 9.4. WORST-CASE 18 to 26 GHz

### SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



**DATA**

| Marker | Frequency<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T447 AF<br>(dB/m) | Amp/Cbl<br>(dB) | Dist Corr<br>(dB) | Corrected<br>Reading<br>(dBuVolts) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK Margin<br>(dB) |
|--------|--------------------|----------------------------|-----|-------------------|-----------------|-------------------|------------------------------------|-----------------------|----------------|------------------------|-------------------|
| 1      | 19.519             | 41.07                      | Pk  | 32.8              | -25.2           | -9.5              | 39.17                              | 54                    | -14.83         | 74                     | -34.83            |
| 2      | 22.003             | 41.97                      | Pk  | 33.4              | -25.2           | -9.5              | 40.67                              | 54                    | -13.33         | 74                     | -33.33            |
| 3      | 24.028             | 43.4                       | Pk  | 34.2              | -24.1           | -9.5              | 44                                 | 54                    | -10            | 74                     | -30               |
| 4      | 20.525             | 41.67                      | Pk  | 32.9              | -25.4           | -9.5              | 39.67                              | 54                    | -14.33         | 74                     | -34.33            |
| 5      | 24.095             | 44.2                       | Pk  | 34.1              | -24.3           | -9.5              | 44.5                               | 54                    | -9.5           | 74                     | -29.5             |
| 6      | 25.42              | 44                         | Pk  | 34.8              | -24.3           | -9.5              | 45                                 | 54                    | -9             | 74                     | -29               |

Pk - Peak detector

18-26GHz Test.TST 30915 6 Jan 2015

Rev 9.5 19 Oct 2016

## 10. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

| Frequency of Emission (MHz) | Conducted Limit (dB $\mu$ V) |            |
|-----------------------------|------------------------------|------------|
|                             | 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

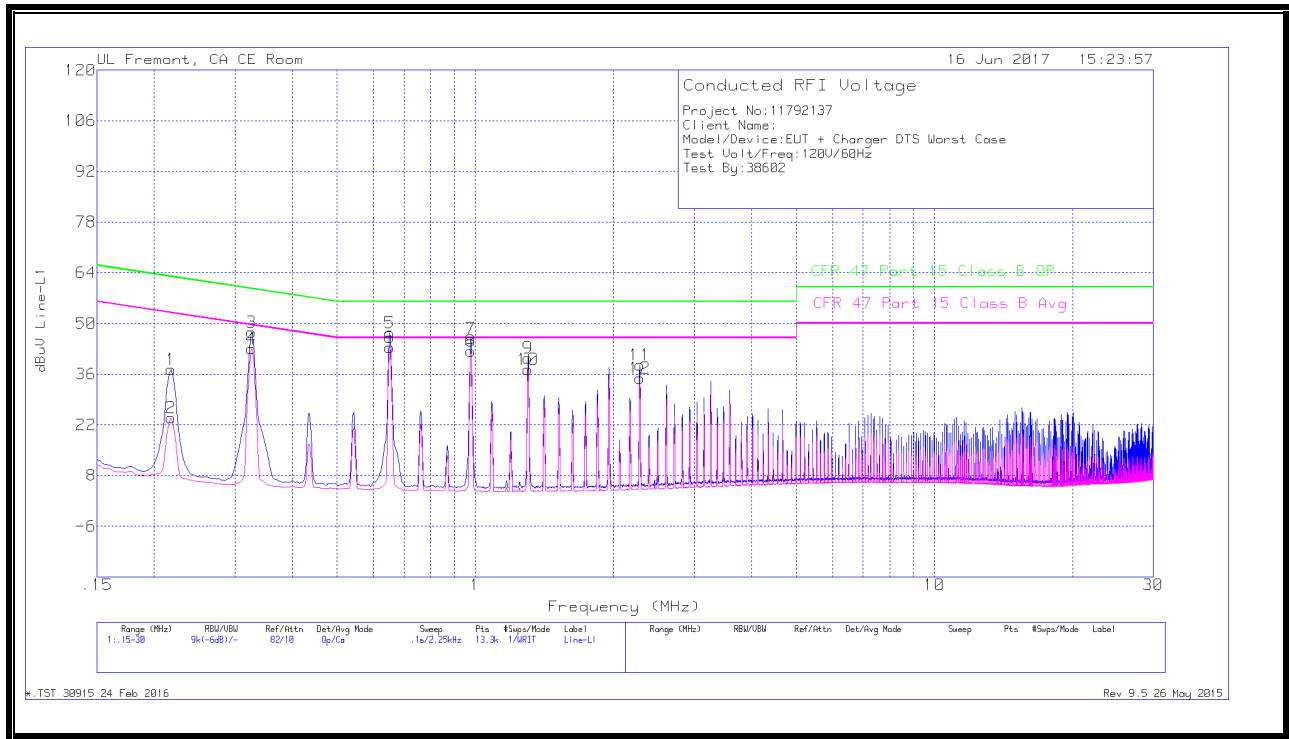
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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.

## 10.1. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

### LINE 1 RESULTS



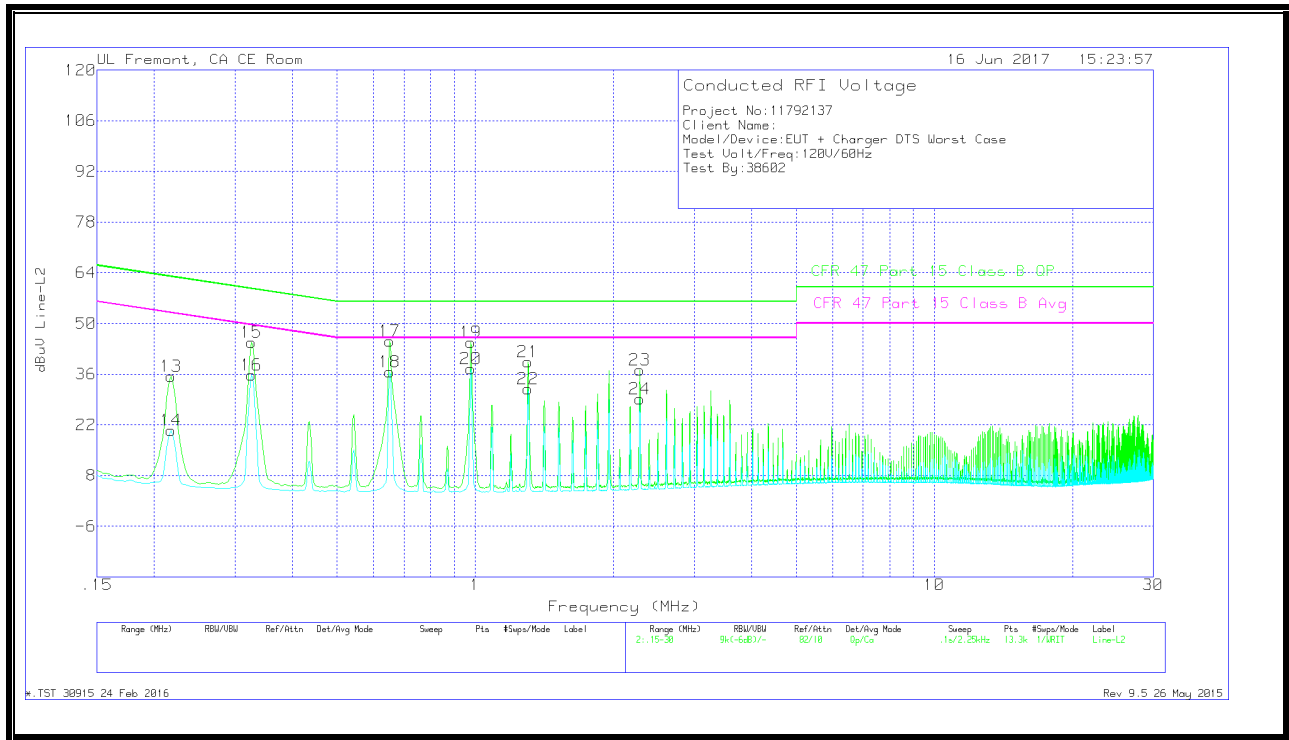
### WORST EMISSIONS

| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |           |                 |              |                        |                           |                |                            |                       |
|------------------------------|-----------------|----------------------|-----|-----------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | T24 IL 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                            | .2175           | 26.43                | Qp  | .8        | 0               | 10.1         | 37.33                  | 62.91                     | -25.58         | -                          | -                     |
| 2                            | .2175           | 13.07                | Ca  | .8        | 0               | 10.1         | 23.97                  | -                         | -              | 52.91                      | -28.94                |
| 3                            | .3255           | 36.93                | Qp  | .5        | .1              | 10.1         | 47.63                  | 59.57                     | -11.94         | -                          | -                     |
| 4                            | .3255           | 32.37                | Ca  | .5        | .1              | 10.1         | 43.07                  | -                         | -              | 49.57                      | -6.5                  |
| 5                            | .65175          | 36.88                | Qp  | .3        | .1              | 10.1         | 47.38                  | 56                        | -8.62          | -                          | -                     |
| 6                            | .65175          | 32.92                | Ca  | .3        | .1              | 10.1         | 43.42                  | -                         | -              | 46                         | -2.58                 |
| 7                            | .978            | 35.46                | Qp  | .2        | .1              | 10.1         | 45.86                  | 56                        | -10.14         | -                          | -                     |
| 8                            | .978            | 31.92                | Ca  | .2        | .1              | 10.1         | 42.32                  | -                         | -              | 46                         | -3.68                 |
| 9                            | 1.30425         | 29.96                | Qp  | .2        | .1              | 10.1         | 40.36                  | 56                        | -15.64         | -                          | -                     |
| 10                           | 1.30425         | 26.88                | Ca  | .2        | .1              | 10.1         | 37.28                  | -                         | -              | 46                         | -8.72                 |
| 11                           | 2.28075         | 28.14                | Qp  | .2        | .1              | 10.1         | 38.54                  | 56                        | -17.46         | -                          | -                     |
| 12                           | 2.283           | 24.49                | Ca  | .2        | .1              | 10.1         | 34.89                  | -                         | -              | 46                         | -11.11                |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



## WORST EMISSIONS

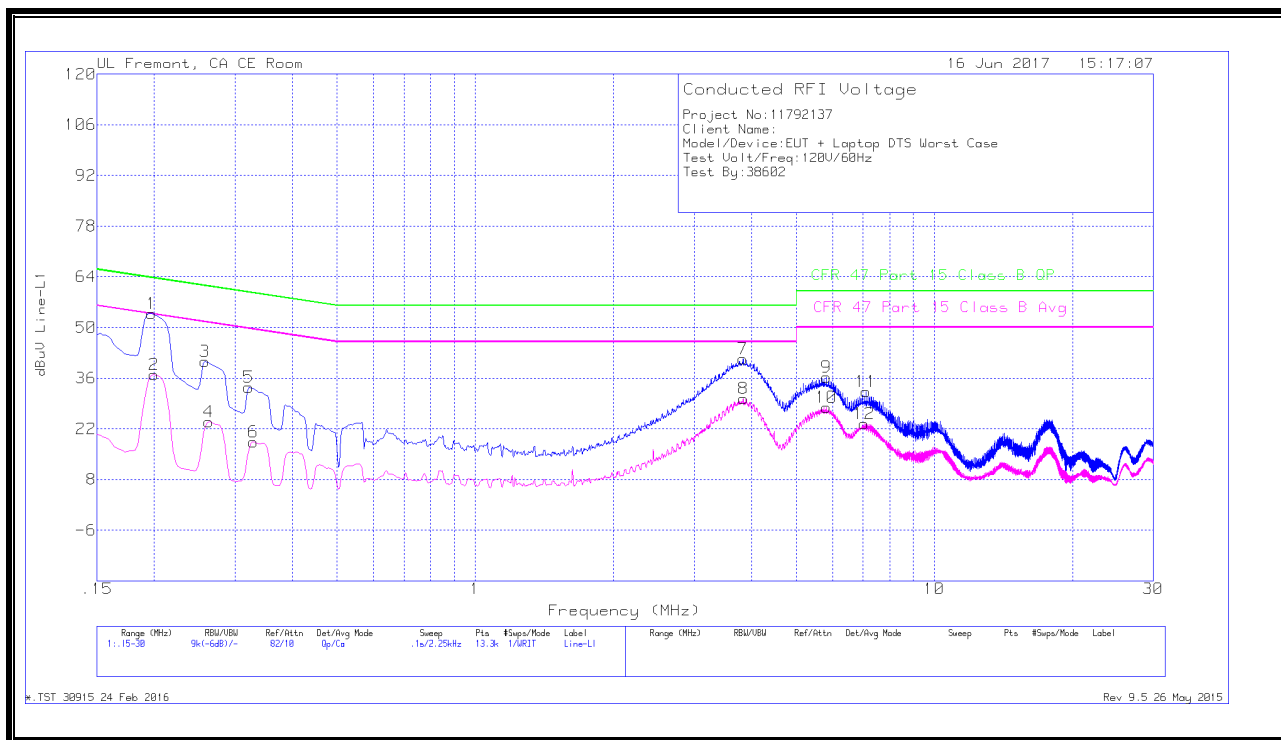
| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |           |                 |              |                        |                           |                |                            |                       |
|------------------------------|-----------------|----------------------|-----|-----------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | T24 IL 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                           | .2175           | 24.35                | Qp  | .9        | 0               | 10.1         | 35.35                  | 62.91                     | -27.56         | -                          | -                     |
| 14                           | .2175           | 9.4                  | Ca  | .9        | 0               | 10.1         | 20.4                   | -                         | -              | 52.91                      | -32.51                |
| 15                           | .3255           | 34.1                 | Qp  | .5        | .1              | 10.1         | 44.8                   | 59.57                     | -14.77         | -                          | -                     |
| 16                           | .3255           | 25.06                | Ca  | .5        | .1              | 10.1         | 35.76                  | -                         | -              | 49.57                      | -13.81                |
| 17                           | .65175          | 34.63                | Qp  | .3        | .1              | 10.1         | 45.13                  | 56                        | -10.87         | -                          | -                     |
| 18                           | .65175          | 26.08                | Ca  | .3        | .1              | 10.1         | 36.58                  | -                         | -              | 46                         | -9.42                 |
| 19                           | .978            | 34.21                | Qp  | .3        | .1              | 10.1         | 44.71                  | 56                        | -11.29         | -                          | -                     |
| 20                           | .978            | 27.04                | Ca  | .3        | .1              | 10.1         | 37.54                  | -                         | -              | 46                         | -8.46                 |
| 21                           | 1.30425         | 29.03                | Qp  | .2        | .1              | 10.1         | 39.43                  | 56                        | -16.57         | -                          | -                     |
| 22                           | 1.30425         | 21.53                | Ca  | .2        | .1              | 10.1         | 31.93                  | -                         | -              | 46                         | -14.07                |
| 23                           | 2.283           | 26.77                | Qp  | .2        | .1              | 10.1         | 37.17                  | 56                        | -18.83         | -                          | -                     |
| 24                           | 2.283           | 18.8                 | Ca  | .2        | .1              | 10.1         | 29.2                   | -                         | -              | 46                         | -16.8                 |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## 10.2. EUT POWERED BY HOST PC VIA USB CABLE

### LINE 1 RESULTS



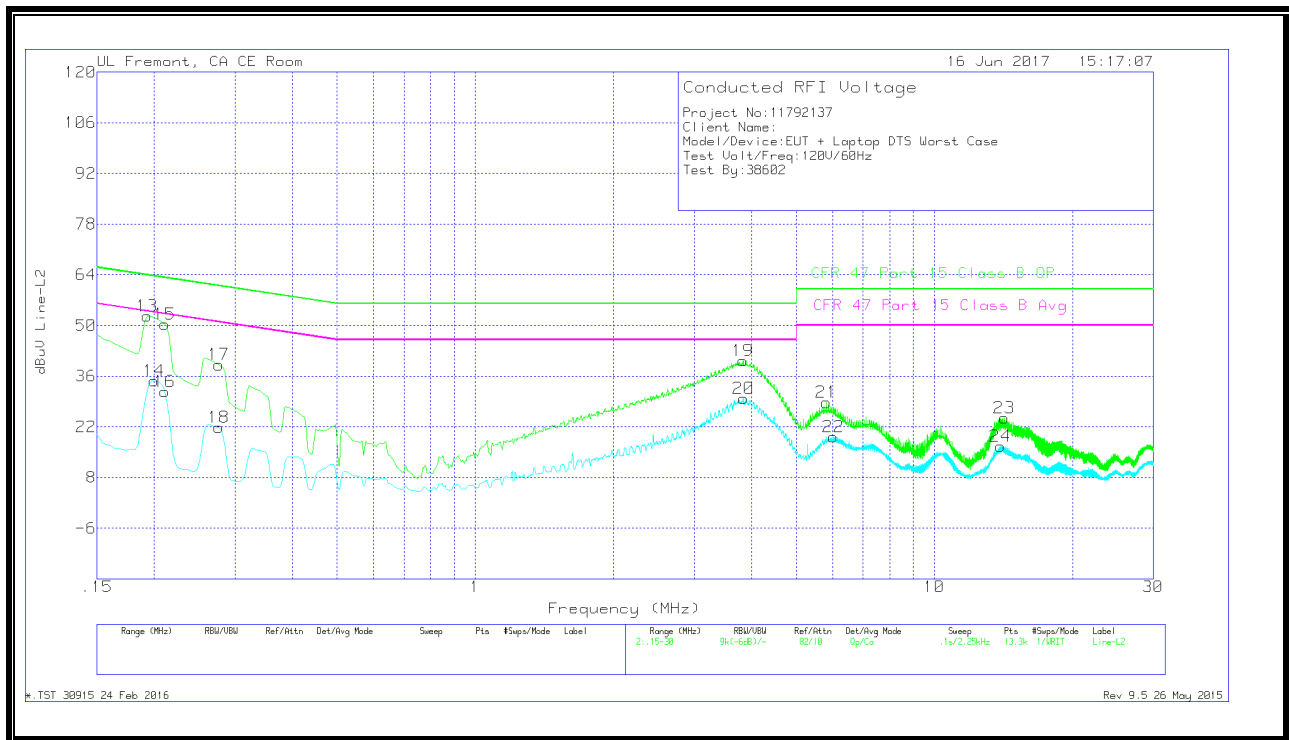
### WORST EMISSIONS

| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |           |                 |              |                        |                           |                |                            |                       |
|------------------------------|-----------------|----------------------|-----|-----------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | T24 IL 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          | 42.65                | Qp  | .9        | .1              | 10.1         | 53.75                  | 63.73                     | -9.98          | -                          | -                     |
| 2                            | .1995           | 25.84                | Ca  | .9        | .1              | 10.1         | 36.94                  | -                         | -              | 53.63                      | -16.69                |
| 3                            | .258            | 29.86                | Qp  | .6        | .1              | 10.1         | 40.66                  | 61.5                      | -20.84         | -                          | -                     |
| 4                            | .2625           | 13.08                | Ca  | .6        | .1              | 10.1         | 23.88                  | -                         | -              | 51.35                      | -27.47                |
| 5                            | .321            | 22.73                | Qp  | .5        | .1              | 10.1         | 33.43                  | 59.68                     | -26.25         | -                          | -                     |
| 6                            | .32887          | 7.62                 | Ca  | .5        | .1              | 10.1         | 18.32                  | -                         | -              | 49.48                      | -31.16                |
| 7                            | 3.83438         | 30.93                | Qp  | .2        | .1              | 10.1         | 41.33                  | 56                        | -14.67         | -                          | -                     |
| 8                            | 3.83775         | 19.97                | Ca  | .2        | .1              | 10.1         | 30.37                  | -                         | -              | 46                         | -15.63                |
| 9                            | 5.82225         | 25.75                | Qp  | .2        | .1              | 10.2         | 36.25                  | 60                        | -23.75         | -                          | -                     |
| 10                           | 5.82            | 17.42                | Ca  | .2        | .1              | 10.2         | 27.92                  | -                         | -              | 50                         | -22.08                |
| 11                           | 7.10025         | 21.61                | Qp  | .2        | .2              | 10.2         | 32.21                  | 60                        | -27.79         | -                          | -                     |
| 12                           | 7.0395          | 12.87                | Ca  | .2        | .2              | 10.2         | 23.47                  | -                         | -              | 50                         | -26.53                |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



## WORST EMISSIONS

| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |           |                 |              |                        |                           |                |                            |                       |
|------------------------------|-----------------|----------------------|-----|-----------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | T24 IL 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          | 41.34                | Qp  | 1.1       | .1              | 10.1         | 52.64                  | 63.92                     | -11.28         | -                          | -                     |
| 14                           | .1995           | 23.58                | Ca  | 1         | .1              | 10.1         | 34.78                  | -                         | -              | 53.63                      | -18.85                |
| 15                           | .21075          | 39.32                | Qp  | .9        | 0               | 10.1         | 50.32                  | 63.18                     | -12.86         | -                          | -                     |
| 16                           | .21075          | 20.79                | Ca  | .9        | 0               | 10.1         | 31.79                  | -                         | -              | 53.18                      | -21.39                |
| 17                           | .276            | 28.34                | Qp  | .7        | 0               | 10.1         | 39.14                  | 60.94                     | -21.8          | -                          | -                     |
| 18                           | .276            | 10.99                | Ca  | .7        | 0               | 10.1         | 21.79                  | -                         | -              | 50.94                      | -29.15                |
| 19                           | 3.83325         | 29.93                | Qp  | .2        | .1              | 10.1         | 40.33                  | 56                        | -15.67         | -                          | -                     |
| 20                           | 3.8355          | 19.48                | Ca  | .2        | .1              | 10.1         | 29.88                  | -                         | -              | 46                         | -16.12                |
| 21                           | 5.82            | 18.21                | Qp  | .2        | .1              | 10.2         | 28.71                  | 60                        | -31.29         | -                          | -                     |
| 22                           | 6.03375         | 8.65                 | Ca  | .2        | .2              | 10.2         | 19.25                  | -                         | -              | 50                         | -30.75                |
| 23                           | 14.19675        | 13.69                | Qp  | .3        | .2              | 10.2         | 24.39                  | 60                        | -35.61         | -                          | -                     |
| 24                           | 13.9425         | 5.93                 | Ca  | .3        | .2              | 10.2         | 16.63                  | -                         | -              | 50                         | -33.37                |

Qp - Quasi-Peak detector

Ca - CISPR average detection