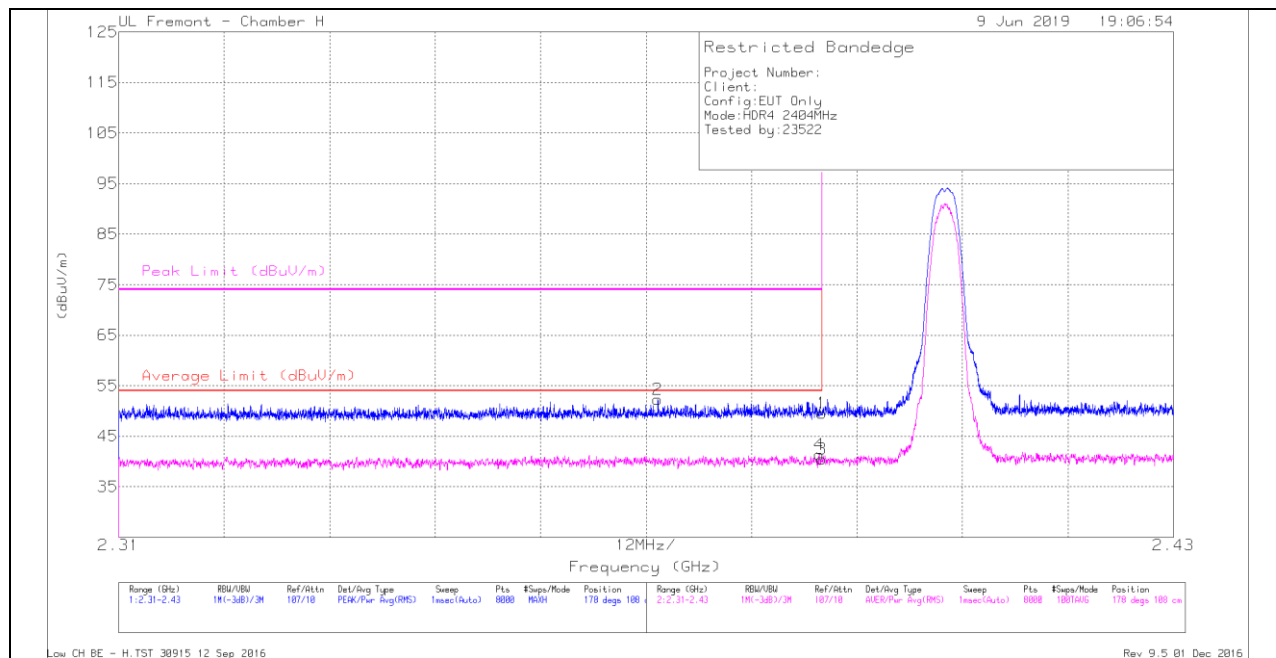


**Antenna 5****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cb/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|---------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.47                | Pk  | 31.6           | -23.5               | 49.57                      | -                      | -           | 74                  | -24.43         | 178            | 108         | H        |
| 2      | * 2.371         | 44.28                | Pk  | 31.5           | -23.5               | 52.28                      | -                      | -           | 74                  | -21.72         | 178            | 108         | H        |
| 3      | * 2.39          | 32.42                | RMS | 31.6           | -23.5               | 40.52                      | 54                     | -13.48      | -                   | -              | 178            | 108         | H        |
| 4      | * 2.39          | 33.21                | RMS | 31.6           | -23.5               | 41.31                      | 54                     | -12.69      | -                   | -              | 178            | 108         | H        |

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

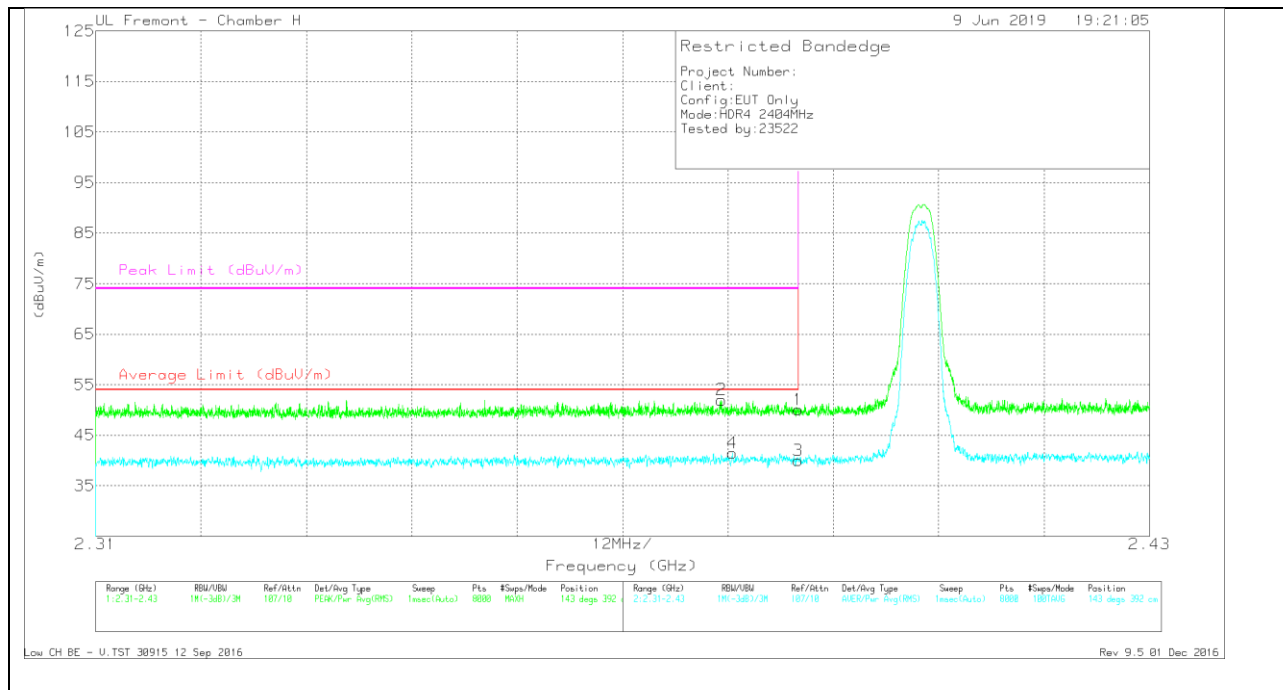
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

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## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cb/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|---------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.96                | Pk  | 31.6           | -23.5               | 50.06                      | -                      | -           | 74                  | -23.94         | 143            | 392         | V        |
| 2      | * 2.381         | 43.87                | Pk  | 31.6           | -23.5               | 51.97                      | -                      | -           | 74                  | -22.03         | 143            | 392         | V        |
| 3      | * 2.39          | 31.88                | RMS | 31.6           | -23.5               | 39.98                      | 54                     | -14.02      | -                   | -              | 143            | 392         | V        |
| 4      | * 2.383         | 33.32                | RMS | 31.6           | -23.5               | 41.42                      | 54                     | -12.58      | -                   | -              | 143            | 392         | V        |

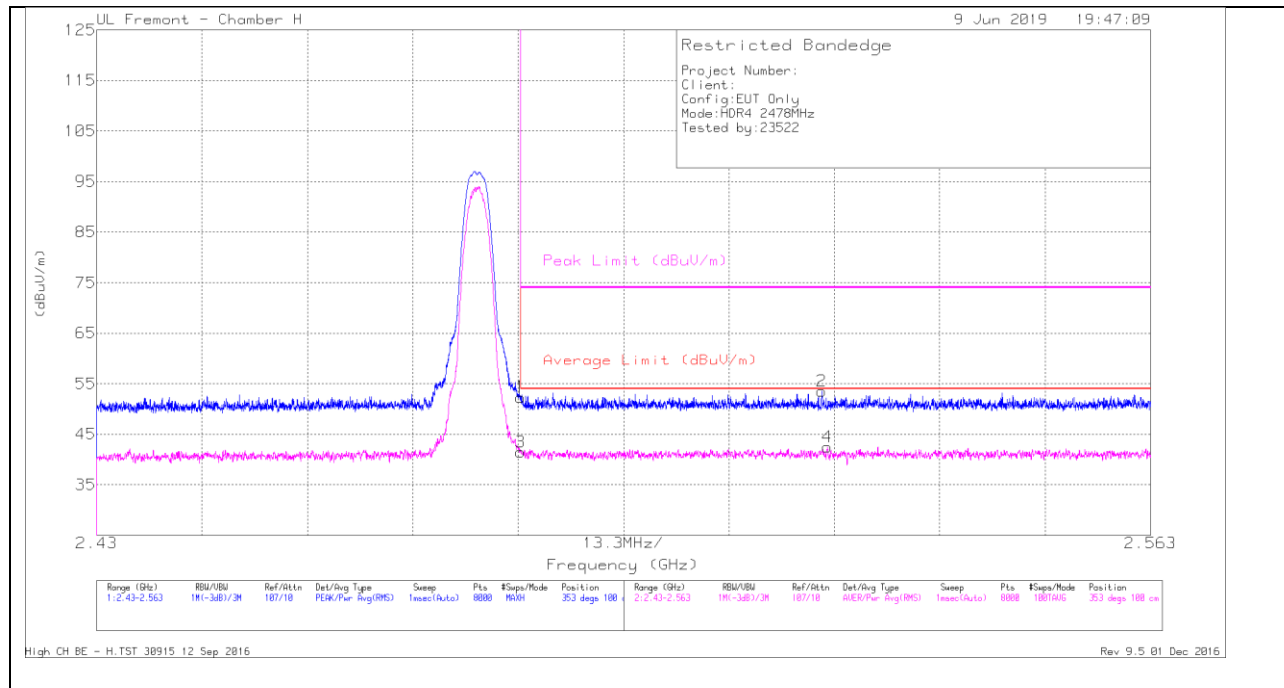
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT136 (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         | 43.34                | Pk  | 32.3          | -23.3                 | 52.34                      | -                      | -           | 74                  | -21.66         | 353            | 100         | H        |
| 3      | * 2.484         | 32.47                | RMS | 32.3          | -23.3                 | 41.47                      | 54                     | -12.53      | -                   | -              | 353            | 100         | H        |
| 2      | 2.521           | 44.46                | Pk  | 32.3          | -23.2                 | 53.56                      | -                      | -           | 74                  | -20.44         | 353            | 100         | H        |
| 4      | 2.522           | 33.41                | RMS | 32.3          | -23.2                 | 42.51                      | 54                     | -11.49      | -                   | -              | 353            | 100         | H        |

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

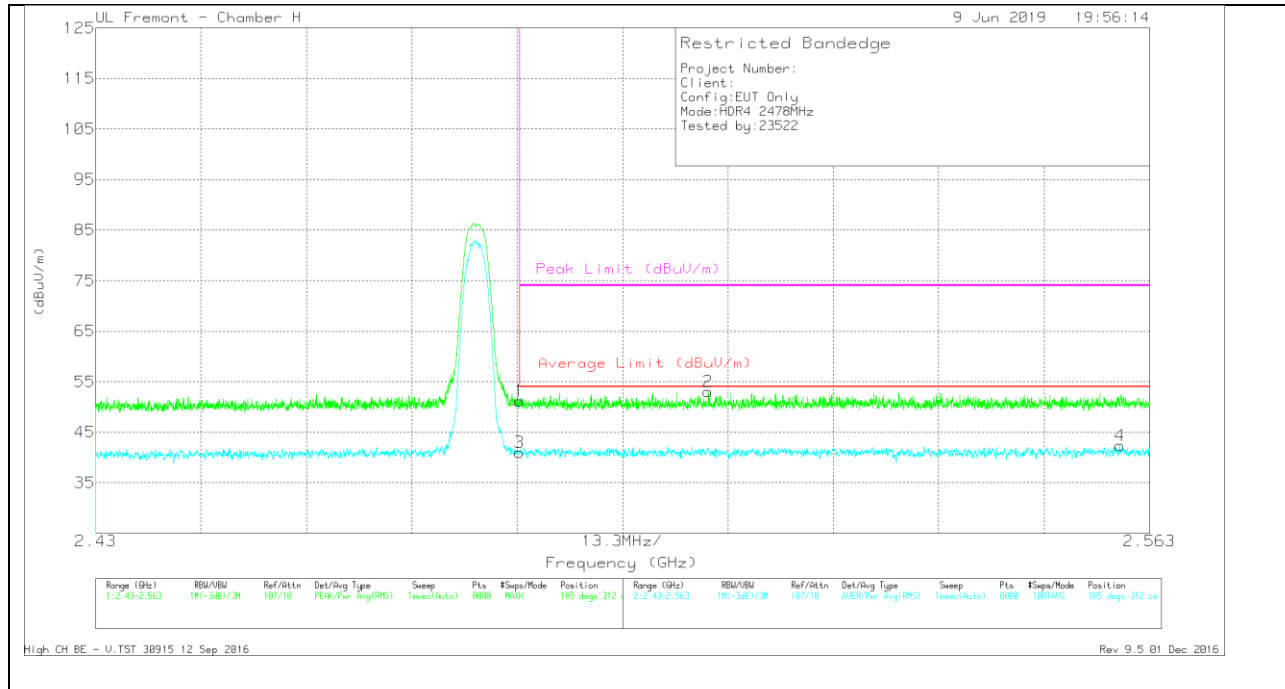
Pk - Peak detector

RMS - RMS detection

High CH BE - H.TST 30915 12 Sep 2016

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## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT136 (dB/m) | Amp/Cbl/Filtz/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 42.17                | Pk  | 32.3          | -23.3                  | 51.17                      | -                      | -           | 74                  | -22.83         | 185            | 312         | V        |
| 3      | * 2.484         | 31.93                | RMS | 32.3          | -23.3                  | 40.93                      | 54                     | -13.07      | -                   | -              | 185            | 312         | V        |
| 2      | 2.507           | 43.79                | Pk  | 32.4          | -23.2                  | 52.99                      | -                      | -           | 74                  | -21.01         | 185            | 312         | V        |
| 4      | 2.559           | 33.01                | RMS | 32.4          | -23.1                  | 42.31                      | 54                     | -11.69      | -                   | -              | 185            | 312         | V        |

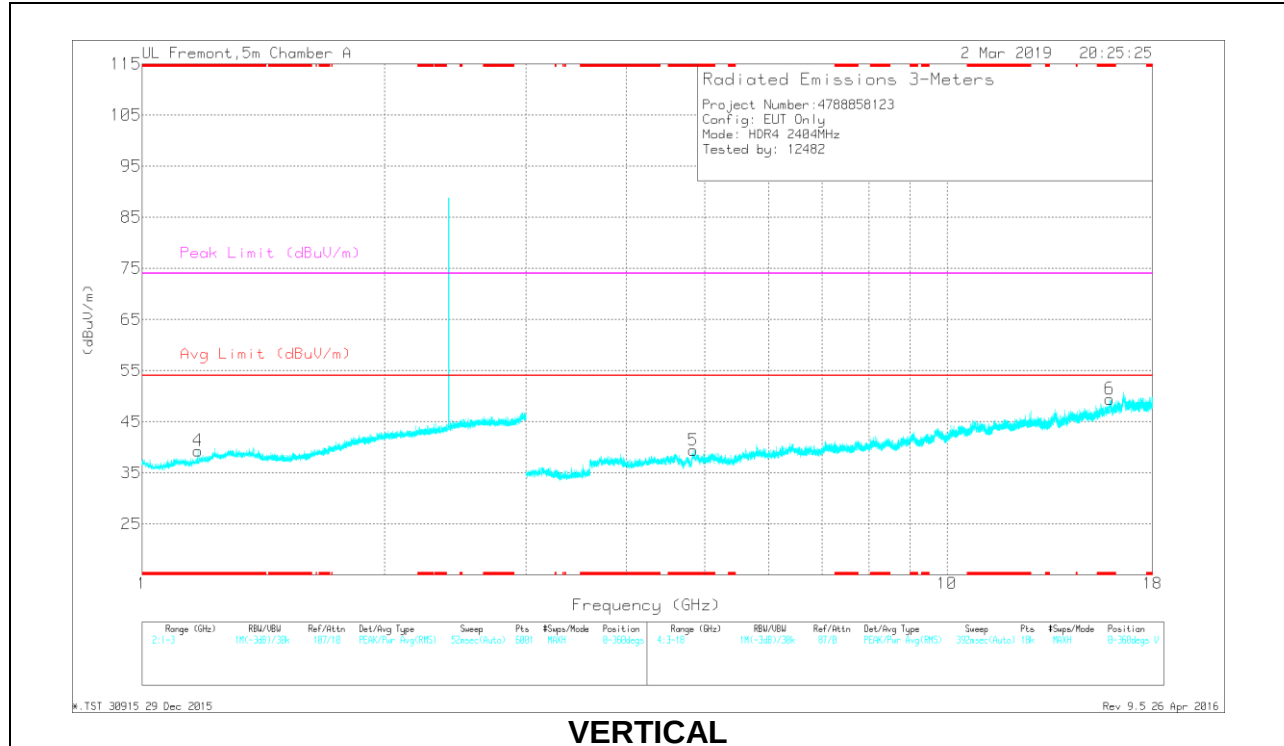
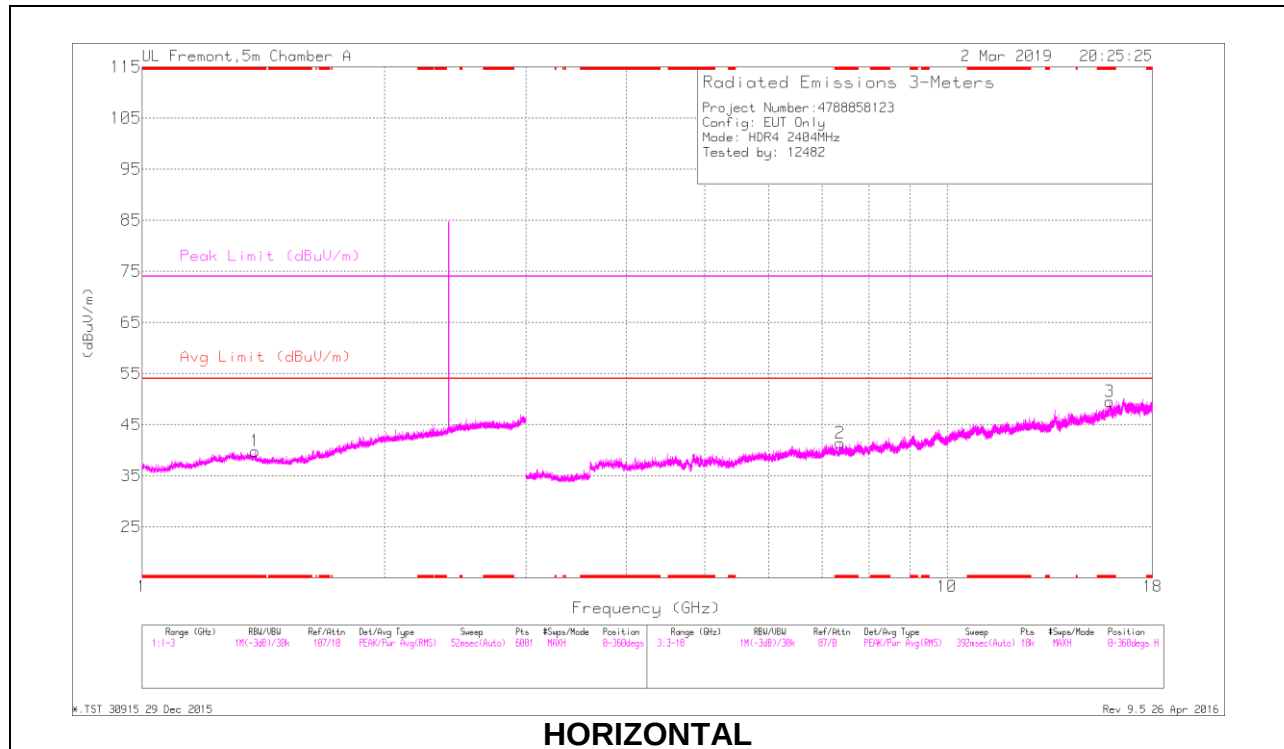
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## RADIATED EMISSIONS

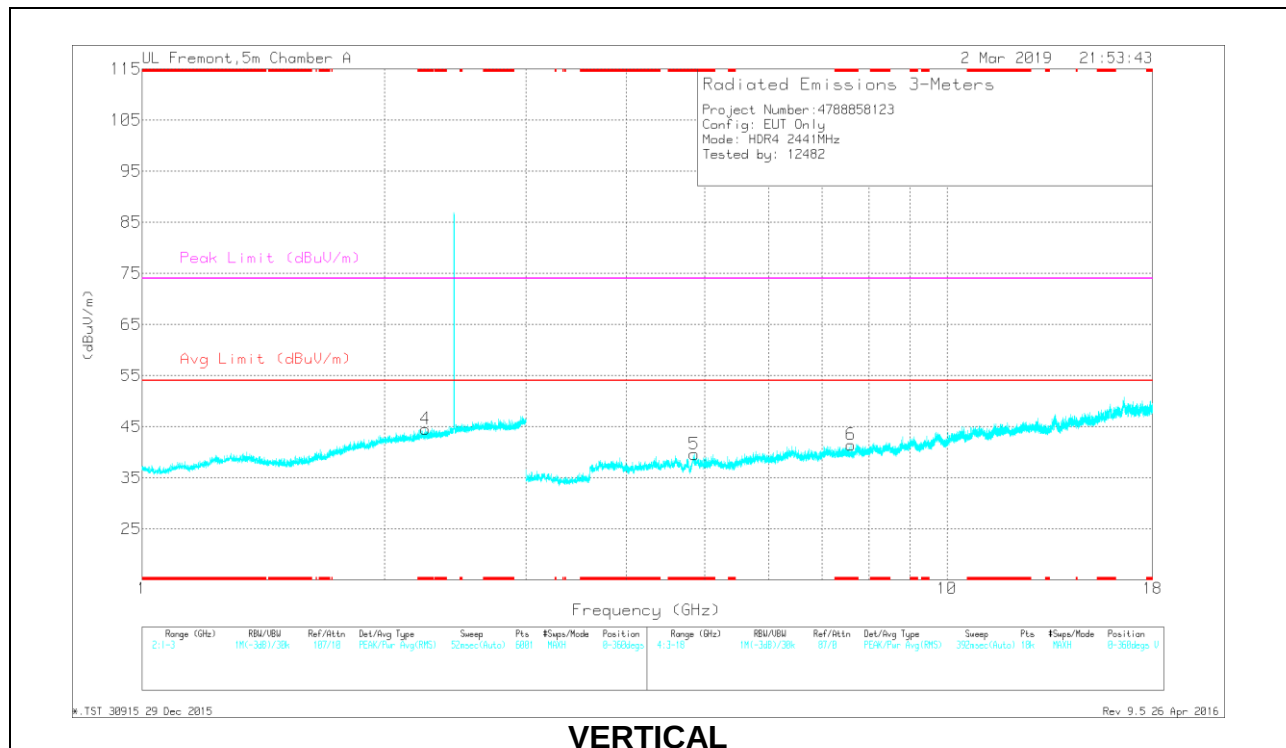
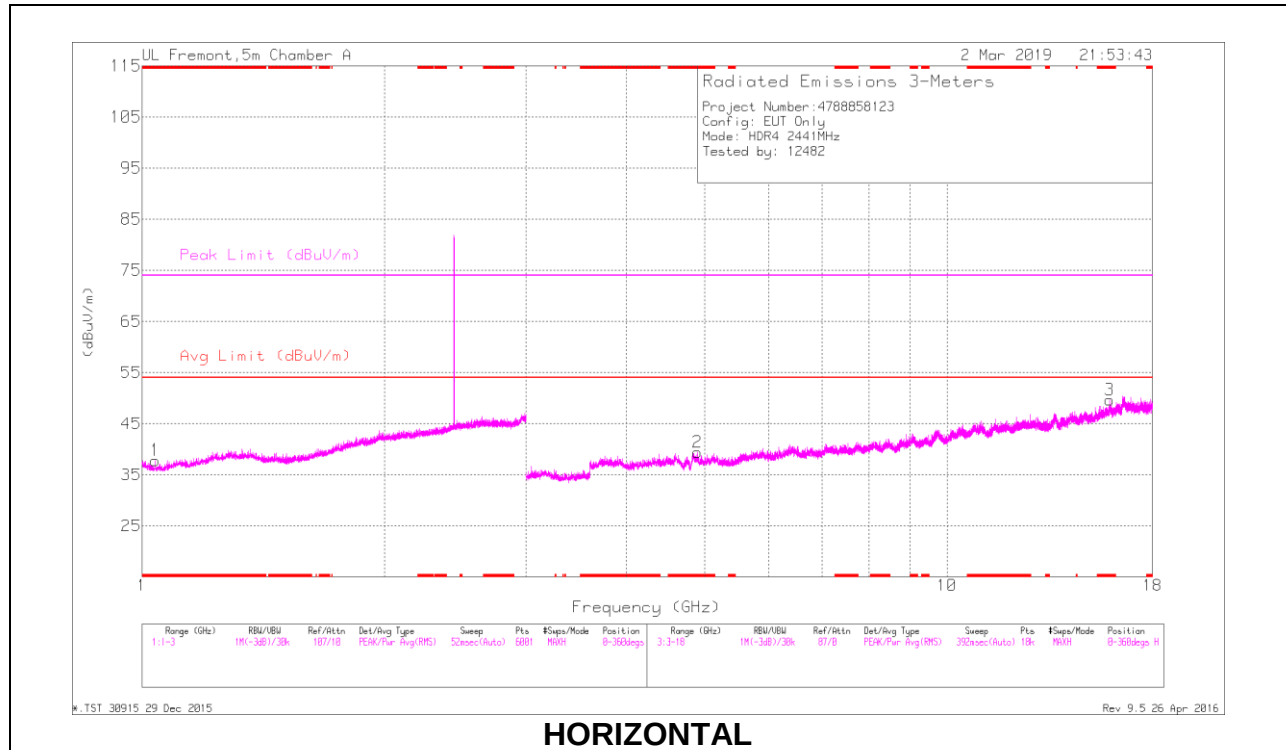
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.383         | 41.84                | PK2  | 28.9           | -25                    | 45.74                      | -                  | -           | 74                  | -28.26         | 135            | 377         | H        |
|        | * 1.382         | 30.67                | MAV1 | 28.9           | -24.9                  | 34.67                      | 54                 | -19.33      | -                   | -              | 135            | 377         | H        |
| 4      | * 1.173         | 42.73                | PK2  | 27.7           | -25                    | 45.43                      | -                  | -           | 74                  | -28.57         | 36             | 221         | V        |
|        | * 1.173         | 31.58                | MAV1 | 27.7           | -25                    | 34.28                      | 54                 | -19.72      | -                   | -              | 36             | 221         | V        |
| 2      | * 7.362         | 35                   | PK2  | 35.6           | -23.8                  | 46.8                       | -                  | -           | 74                  | -27.2          | 257            | 166         | H        |
|        | * 7.361         | 24.13                | MAV1 | 35.6           | -23.9                  | 35.83                      | 54                 | -18.17      | -                   | -              | 257            | 166         | H        |
| 3      | * 15.932        | 32.66                | PK2  | 40.8           | -17.7                  | 55.76                      | -                  | -           | 74                  | -18.24         | 354            | 115         | H        |
|        | * 15.934        | 22.95                | MAV1 | 40.9           | -17.8                  | 46.05                      | 54                 | -7.95       | -                   | -              | 354            | 115         | H        |
| 5      | * 4.838         | 37.86                | PK2  | 34.2           | -26.9                  | 45.16                      | -                  | -           | 74                  | -28.84         | 33             | 204         | V        |
|        | * 4.84          | 27.52                | MAV1 | 34.1           | -26.9                  | 34.72                      | 54                 | -19.28      | -                   | -              | 33             | 204         | V        |
| 6      | * 15.918        | 32.38                | PK2  | 40.9           | -17.9                  | 55.38                      | -                  | -           | 74                  | -18.62         | 8              | 143         | V        |
|        | * 15.917        | 22.64                | MAV1 | 40.9           | -17.9                  | 45.64                      | 54                 | -8.36       | -                   | -              | 8              | 143         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | 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      | * 1.04          | 42.96                | PK2  | 27.1           | -25.6                  | 44.46                      | -                  | -           | 74                  | -29.54         | 192            | 266         | H        |
|        | * 1.039         | 31.13                | MAV1 | 27.1           | -25.6                  | 32.63                      | 54                 | -21.37      | -                   | -              | 192            | 266         | H        |
| 4      | * 2.252         | 42.23                | PK2  | 31.6           | -22.8                  | 51.03                      | -                  | -           | 74                  | -22.97         | 303            | 110         | V        |
|        | * 2.25          | 31.06                | MAV1 | 31.6           | -22.8                  | 39.86                      | 54                 | -14.14      | -                   | -              | 303            | 110         | V        |
| 2      | * 4.899         | 37.82                | PK2  | 34.1           | -27.1                  | 44.82                      | -                  | -           | 74                  | -29.18         | 343            | 211         | H        |
|        | * 4.898         | 26.89                | MAV1 | 34.1           | -27.1                  | 33.89                      | 54                 | -20.11      | -                   | -              | 343            | 211         | H        |
| 3      | * 15.929        | 32.59                | PK2  | 40.9           | -17.6                  | 55.89                      | -                  | -           | 74                  | -18.11         | 235            | 121         | H        |
|        | * 15.932        | 22.16                | MAV1 | 40.9           | -17.7                  | 45.36                      | 54                 | -8.64       | -                   | -              | 235            | 121         | H        |
| 5      | * 4.855         | 38.16                | PK2  | 34.1           | -27.1                  | 45.16                      | -                  | -           | 74                  | -28.84         | 70             | 179         | V        |
|        | * 4.855         | 28.11                | MAV1 | 34.1           | -27.1                  | 35.11                      | 54                 | -18.89      | -                   | -              | 70             | 179         | V        |
| 6      | * 7.597         | 35.1                 | PK2  | 35.7           | -24.1                  | 46.7                       | -                  | -           | 74                  | -27.3          | 62             | 117         | V        |
|        | * 7.596         | 24.39                | MAV1 | 35.7           | -24.1                  | 35.99                      | 54                 | -18.01      | -                   | -              | 62             | 117         | V        |

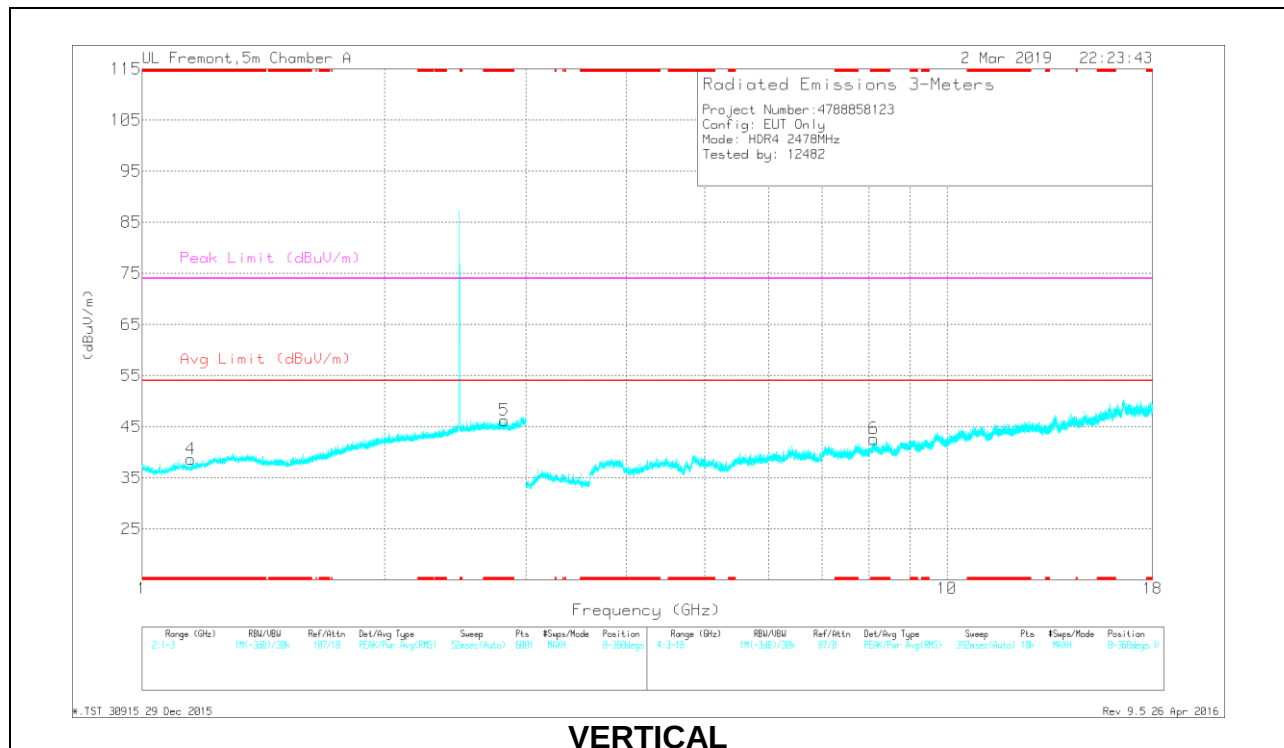
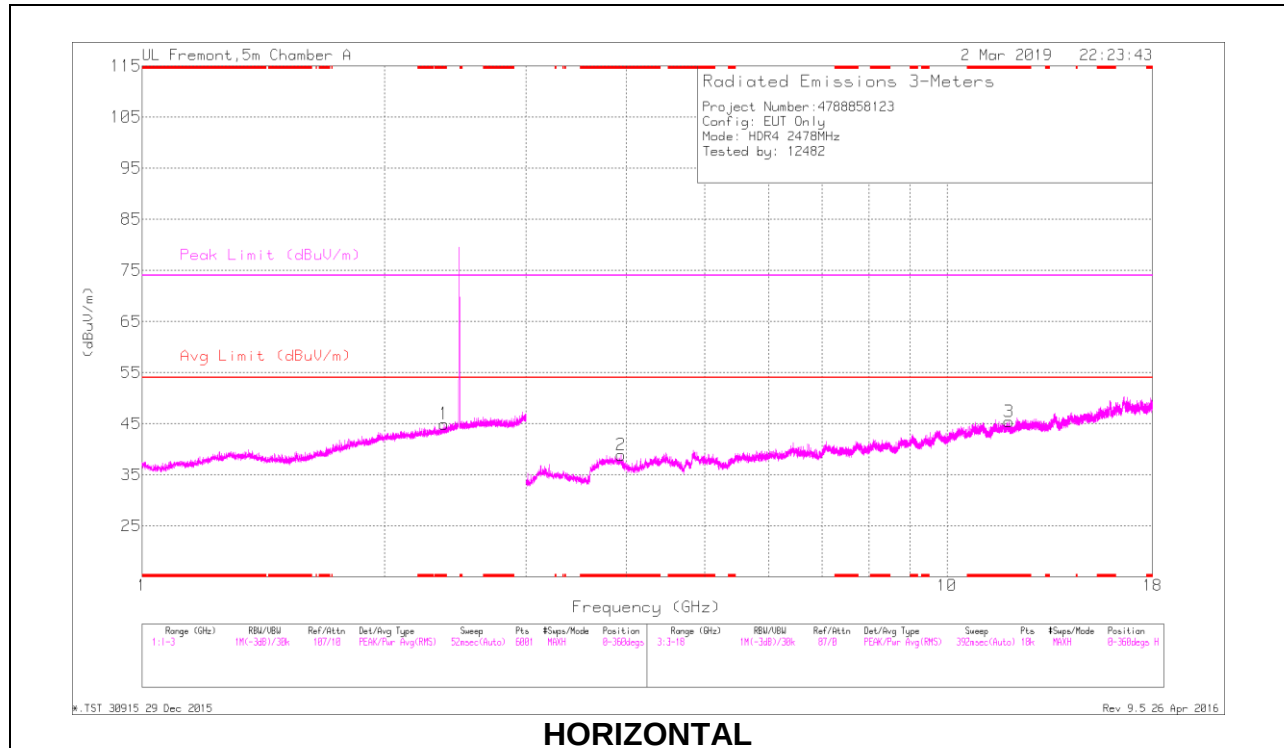
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average



## HIGH CHANNEL RESULTS



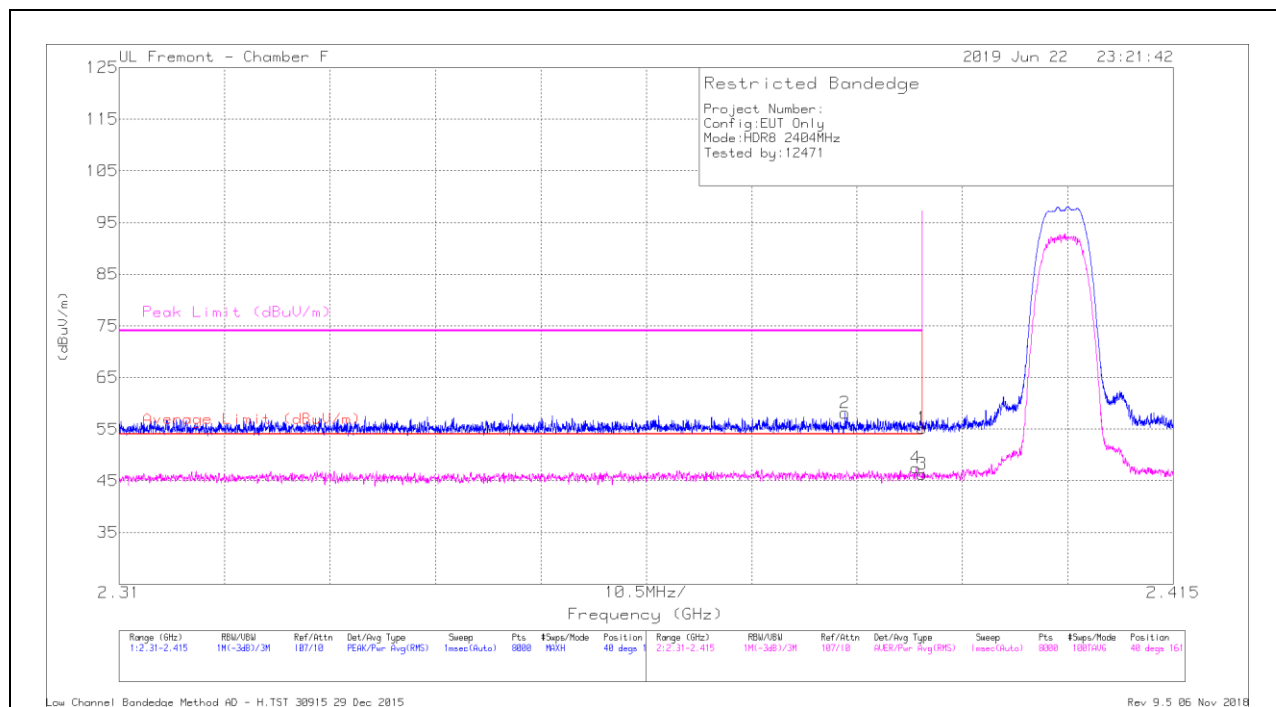
## RADIATED EMISSIONS

| Marker | 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      | * 2.371         | 42.21                | PK2  | 31.9           | -22.9                  | 51.21                      | -                  | -           | 74                  | -22.79         | 234            | 162         | H        |
|        | * 2.372         | 30.69                | MAV1 | 31.9           | -22.9                  | 39.69                      | 54                 | -14.31      | -                   | -              | 234            | 162         | H        |
| 4      | * 1.15          | 42.25                | PK2  | 27.5           | -25.1                  | 44.65                      | -                  | -           | 74                  | -29.35         | 6              | 120         | V        |
|        | * 1.152         | 31.4                 | MAV1 | 27.5           | -25.1                  | 33.8                       | 54                 | -20.2       | -                   | -              | 6              | 120         | V        |
| 5      | * 2.819         | 42.48                | PK2  | 32.4           | -22.1                  | 52.78                      | -                  | -           | 74                  | -21.22         | 156            | 176         | V        |
|        | * 2.819         | 31.07                | MAV1 | 32.4           | -22.1                  | 41.37                      | 54                 | -12.63      | -                   | -              | 156            | 176         | V        |
| 2      | * 3.937         | 40.02                | PK2  | 33.6           | -28.8                  | 44.82                      | -                  | -           | 74                  | -29.18         | 228            | 153         | H        |
|        | * 3.935         | 28.86                | MAV1 | 33.6           | -28.8                  | 33.66                      | 54                 | -20.34      | -                   | -              | 228            | 153         | H        |
| 3      | * 11.935        | 32.43                | PK2  | 38.7           | -20.1                  | 51.03                      | -                  | -           | 74                  | -22.97         | 24             | 223         | H        |
|        | * 11.936        | 22.77                | MAV1 | 38.7           | -20.1                  | 41.37                      | 54                 | -12.63      | -                   | -              | 24             | 223         | H        |
| 6      | * 8.111         | 34.47                | PK2  | 35.8           | -22.2                  | 48.07                      | -                  | -           | 74                  | -25.93         | 321            | 182         | V        |
|        | * 8.112         | 23.71                | MAV1 | 35.8           | -22.2                  | 37.31                      | 54                 | -16.69      | -                   | -              | 321            | 182         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

**9.2.4. LOW POWER HDR (HDR8)****Antenna 2****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

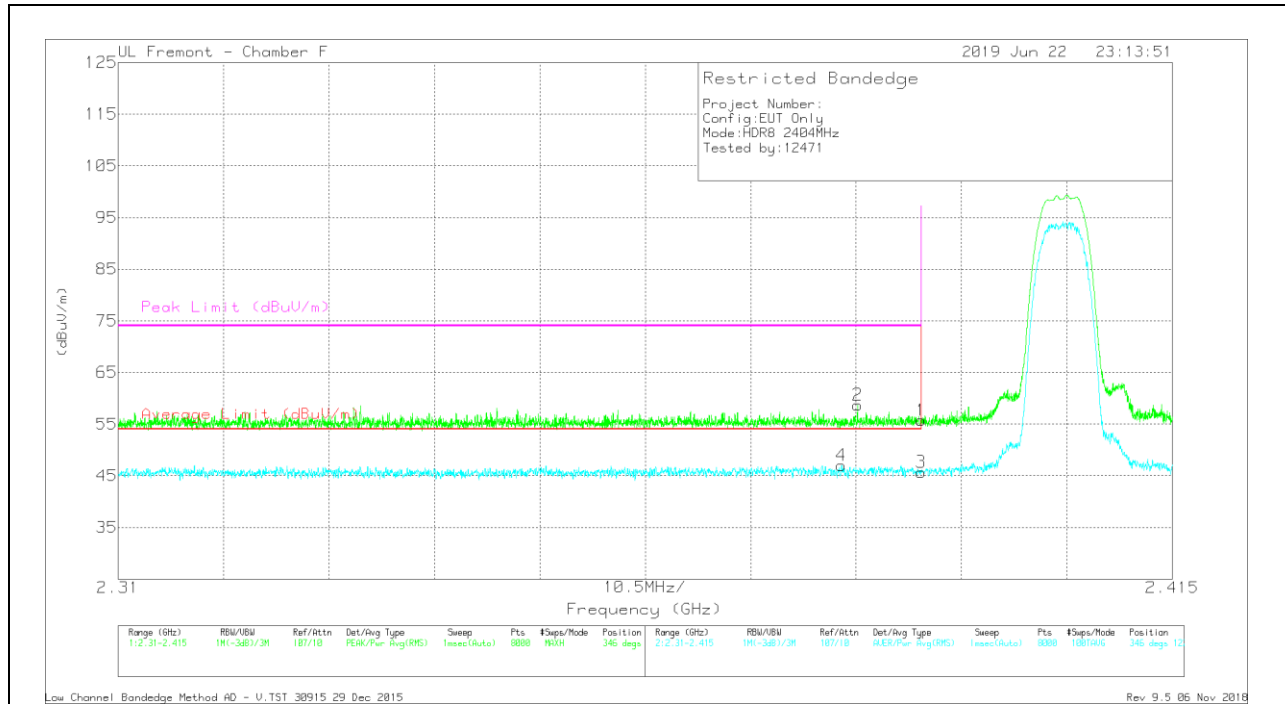
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T345 (dB/m) | Ampl/Cbl/Fitr /Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 37.7                 | Pk  | 32             | -14.5                   | 55.2                       | -                      | -           | 74                  | -18.8          | 40             | 161         | H        |
| 2      | * 2.382         | 40.74                | Pk  | 31.9           | -14.5                   | 58.14                      | -                      | -           | 74                  | -15.86         | 40             | 161         | H        |
| 3      | * 2.39          | 28.79                | RMS | 32             | -14.5                   | 46.29                      | 54                     | -7.71       | -                   | -              | 40             | 161         | H        |
| 4      | * 2.389         | 29.98                | RMS | 32             | -14.5                   | 47.48                      | 54                     | -6.52       | -                   | -              | 40             | 161         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

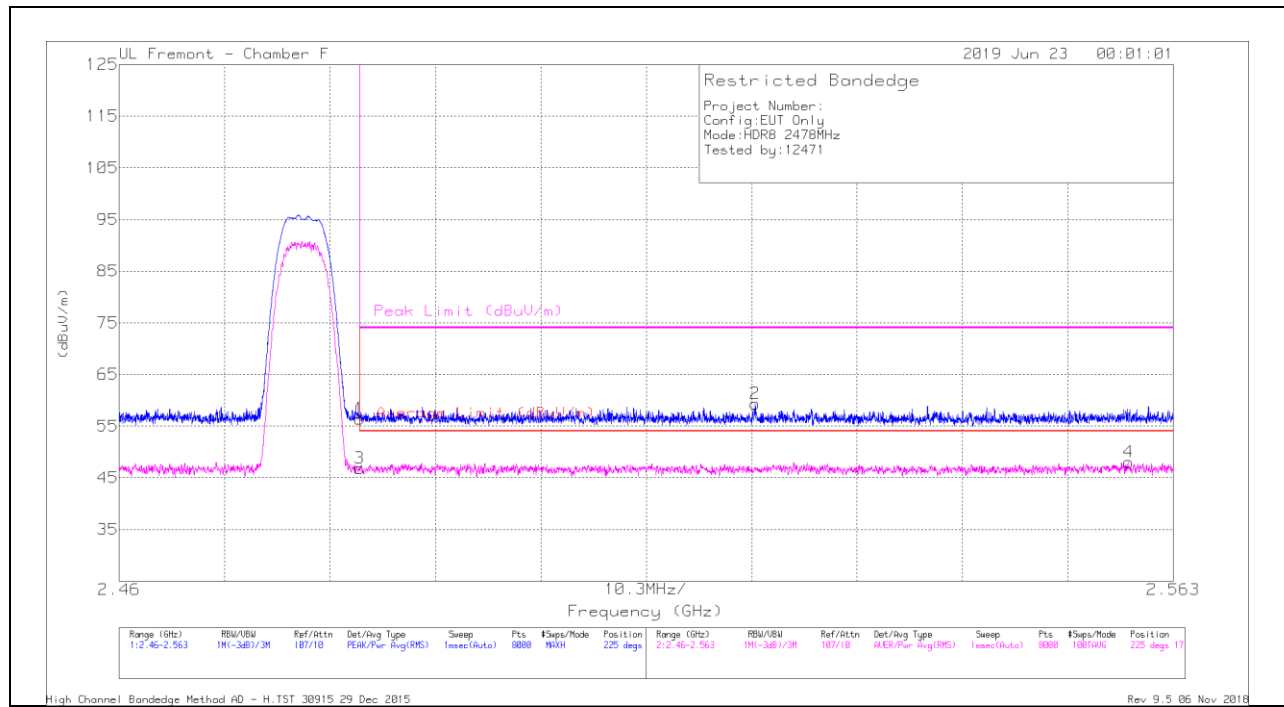


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T345 (dB/m) | Ampl/Cbl/Fitr /Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 38.24                | Pk  | 32             | -14.5                   | 55.74                      | -                      | -           | 74                  | -18.26         | 346            | 122         | V        |
| 2      | * 2.384         | 41.29                | Pk  | 31.9           | -14.5                   | 58.69                      | -                      | -           | 74                  | -15.31         | 346            | 122         | V        |
| 3      | * 2.39          | 28.18                | RMS | 32             | -14.5                   | 45.68                      | 54                     | -8.32       | -                   | -              | 346            | 122         | V        |
| 4      | * 2.382         | 29.61                | RMS | 31.9           | -14.5                   | 47.01                      | 54                     | -6.99       | -                   | -              | 346            | 122         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

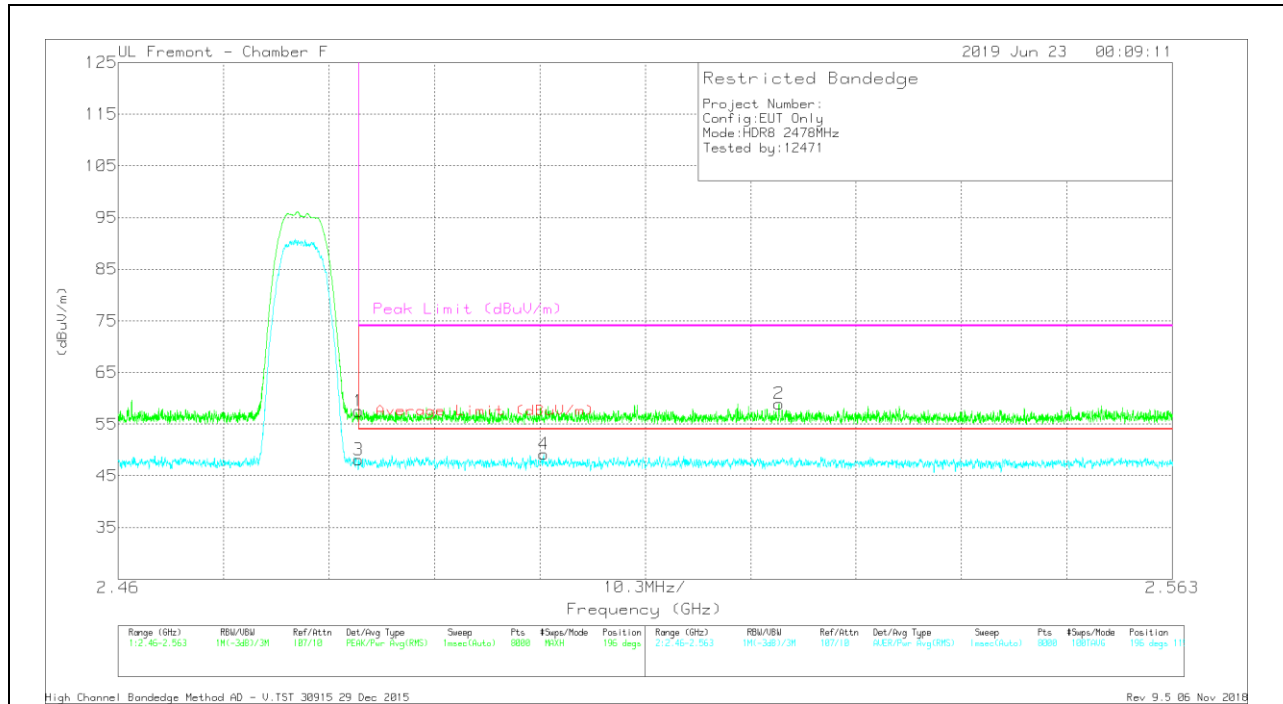
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T345 (dBm) | Ampl/Cbl/Filtr /Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 38.7                 | Pk  | 32.4          | -14.7                    | 56.4                       | -                      | -           | 74                  | -17.6          | 225            | 171         | H        |
| 2      | 2.522           | 41.55                | Pk  | 32.3          | -14.5                    | 59.35                      | -                      | -           | 74                  | -14.65         | 225            | 171         | H        |
| 3      | * 2.484         | 29.12                | RMS | 32.4          | -14.7                    | 46.82                      | 54                     | -7.18       | -                   | -              | 225            | 171         | H        |
| 4      | 2.559           | 30.14                | RMS | 32.4          | -14.5                    | 48.04                      | 54                     | -5.96       | -                   | -              | 225            | 171         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

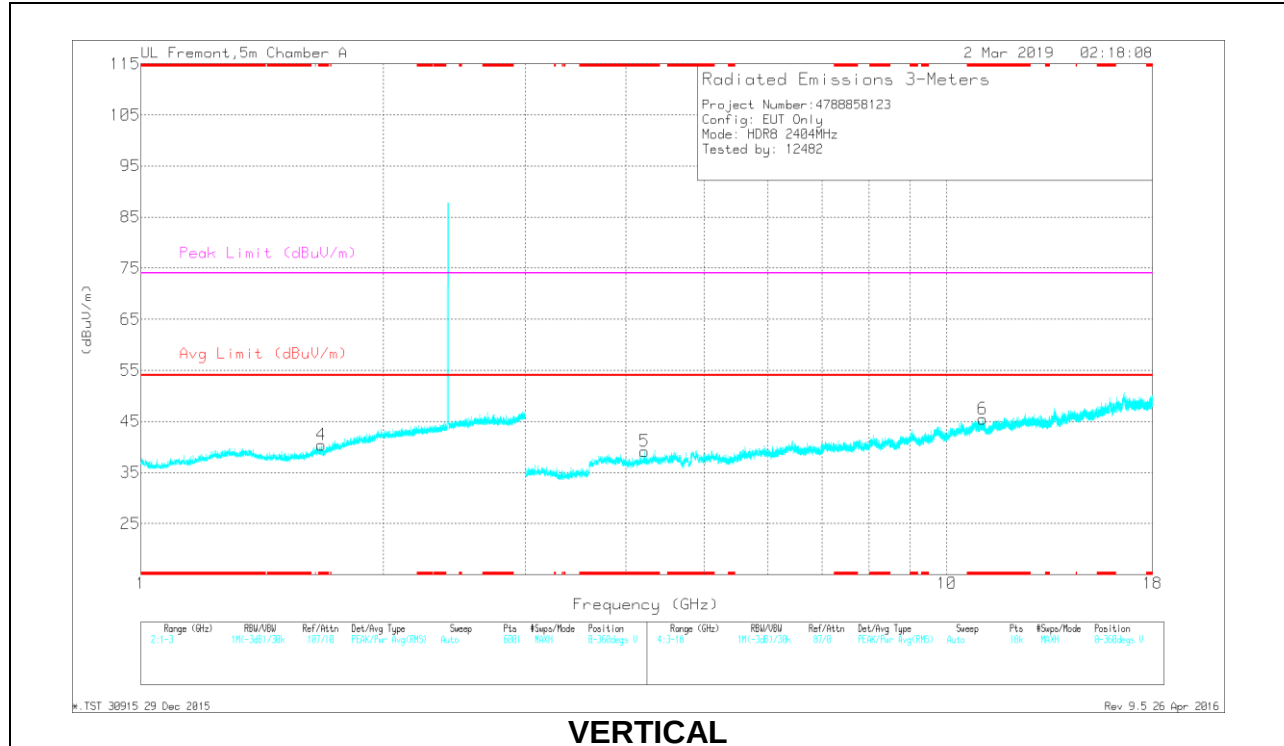
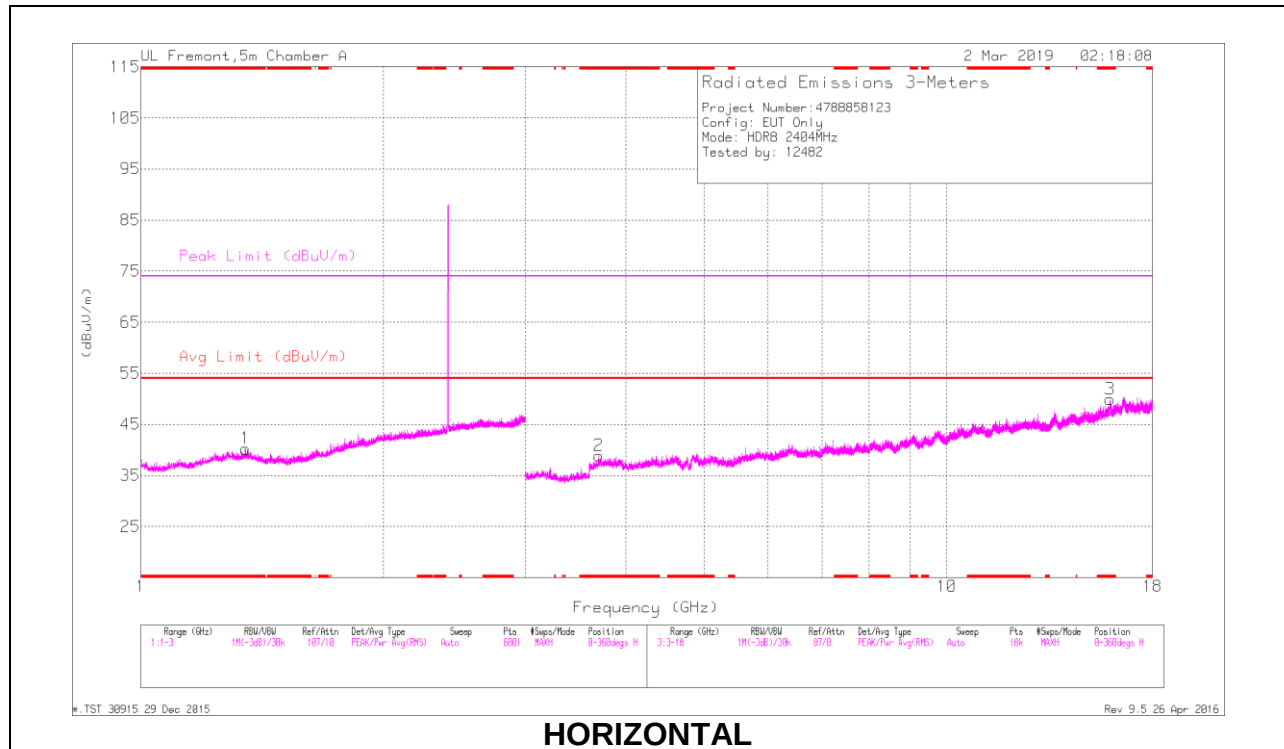


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T345 (dBm) | Amp/Cbl/Ftr /Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 39.83                | Pk  | 32.4          | -14.7                 | 57.53                      | -                      | -           | 74                  | -16.47         | 196            | 115         | V        |
| 2      | 2.525           | 41.07                | Pk  | 32.4          | -14.5                 | 58.97                      | -                      | -           | 74                  | -15.03         | 196            | 115         | V        |
| 3      | * 2.484         | 30.39                | RMS | 32.4          | -14.7                 | 48.09                      | 54                     | -5.91       | -                   | -              | 196            | 115         | V        |
| 4      | 2.502           | 31.49                | RMS | 32.4          | -14.7                 | 49.19                      | 54                     | -4.81       | -                   | -              | 196            | 115         | V        |

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

Pk - Peak detector

RMS - RMS detection

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

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 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      | * 1.347         | 41.79                | PK2  | 29.1           | -25                    | 45.89                      | -                  | -           | 74                  | -28.11         | 153            | 142         | H        |
|        | * 1.346         | 30.91                | MAV1 | 29             | -25                    | 34.91                      | 54                 | -19.09      | -                   | -              | 153            | 142         | H        |
| 4      | * 1.675         | 41.94                | PK2  | 28.8           | -23.9                  | 46.84                      | -                  | -           | 74                  | -27.16         | 186            | 185         | V        |
|        | * 1.674         | 31.56                | MAV1 | 28.7           | -24                    | 36.26                      | 54                 | -17.74      | -                   | -              | 186            | 185         | V        |
| 2      | * 3.7           | 39.39                | PK2  | 33.1           | -28.6                  | 43.89                      | -                  | -           | 74                  | -30.11         | 360            | 109         | H        |
|        | * 3.698         | 28.91                | MAV1 | 33.1           | -28.7                  | 33.31                      | 54                 | -20.69      | -                   | -              | 360            | 109         | H        |
| 3      | * 15.941        | 32.86                | PK2  | 40.8           | -17.8                  | 55.86                      | -                  | -           | 74                  | -18.14         | 152            | 195         | H        |
|        | * 15.94         | 22.24                | MAV1 | 40.8           | -17.7                  | 45.34                      | 54                 | -8.66       | -                   | -              | 152            | 195         | H        |
| 5      | * 4.218         | 38.55                | PK2  | 33.7           | -28.4                  | 43.85                      | -                  | -           | 74                  | -30.15         | 252            | 268         | V        |
|        | * 4.217         | 28.08                | MAV1 | 33.7           | -28.4                  | 33.38                      | 54                 | -20.62      | -                   | -              | 252            | 268         | V        |
| 6      | * 11.077        | 33.33                | PK2  | 37.9           | -20.1                  | 51.13                      | -                  | -           | 74                  | -22.87         | 191            | 344         | V        |
|        | * 11.078        | 23.2                 | MAV1 | 37.9           | -20.1                  | 41                         | 54                 | -13         | -                   | -              | 191            | 344         | V        |

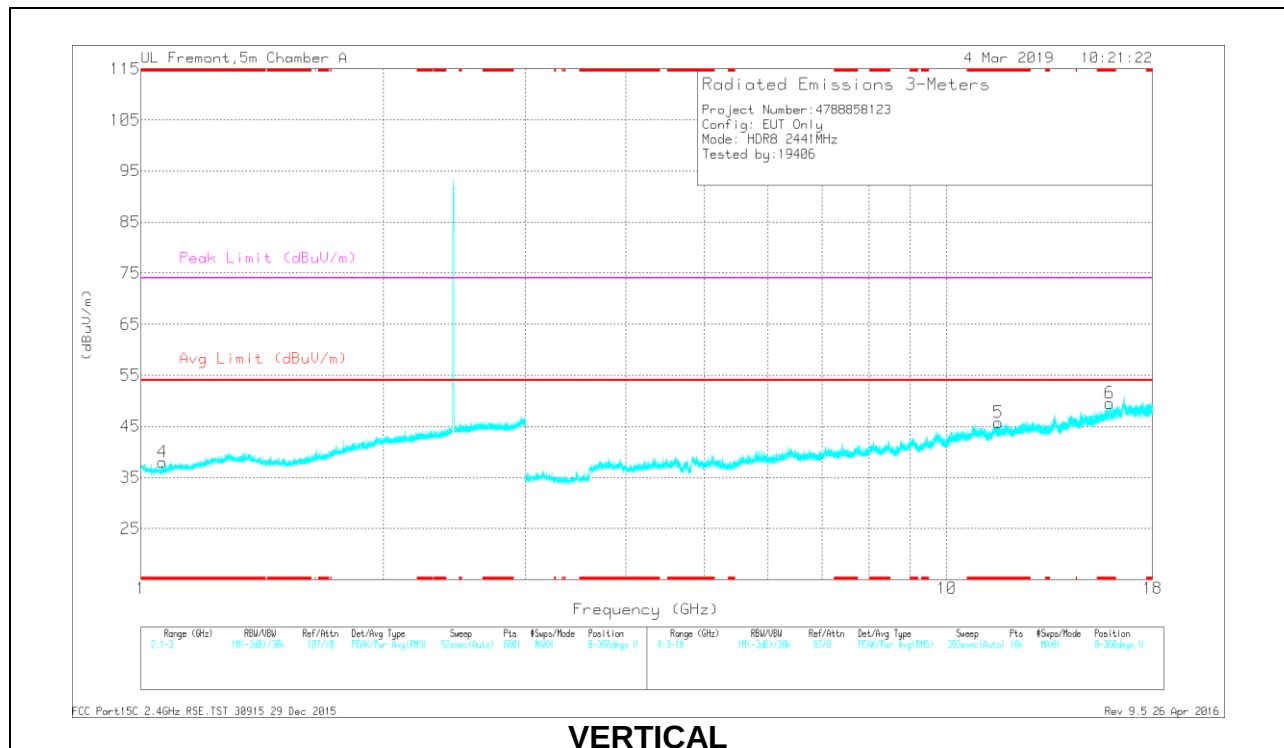
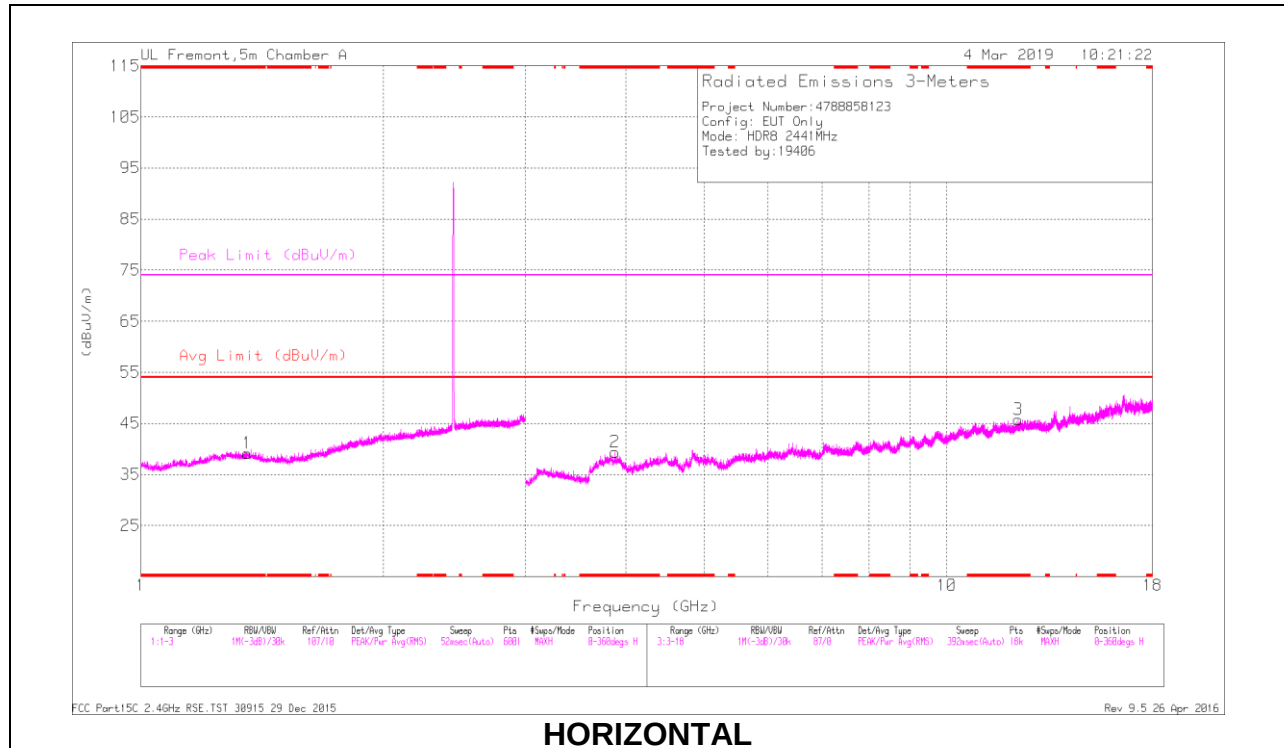
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average



## MID CHANNEL RESULTS



## RADIATED EMISSIONS

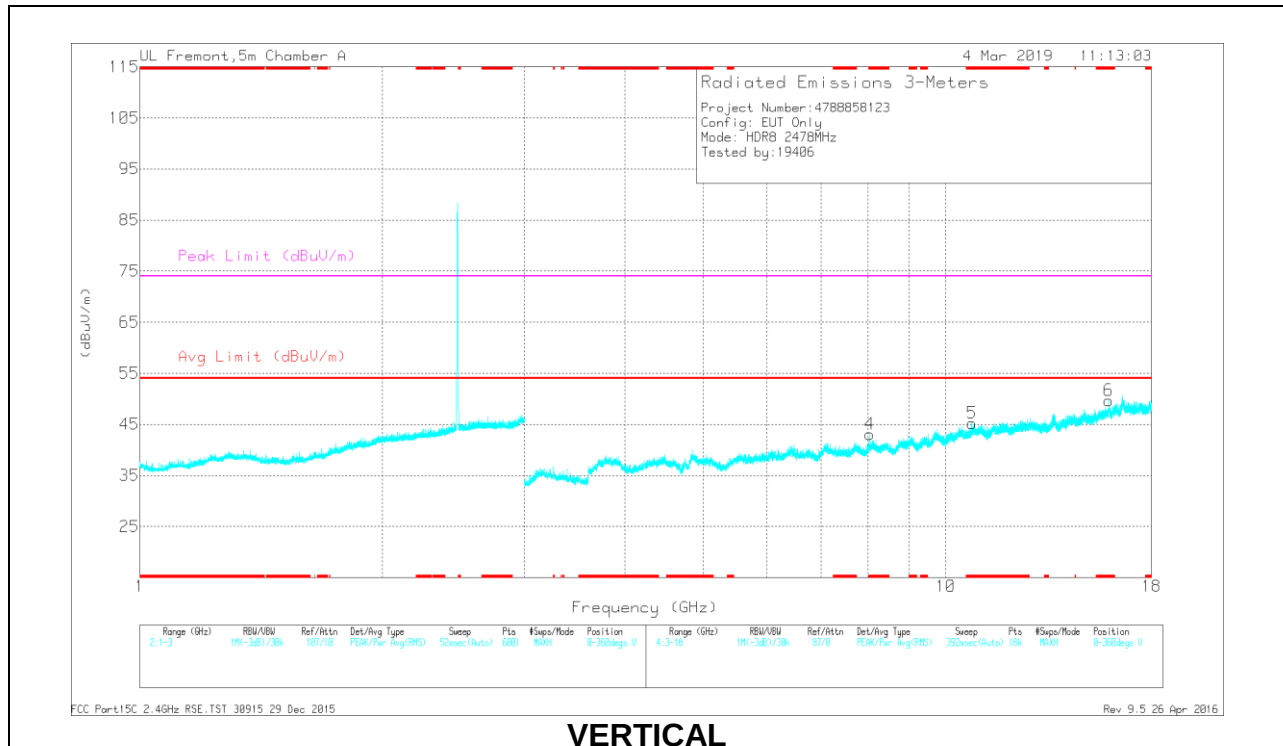
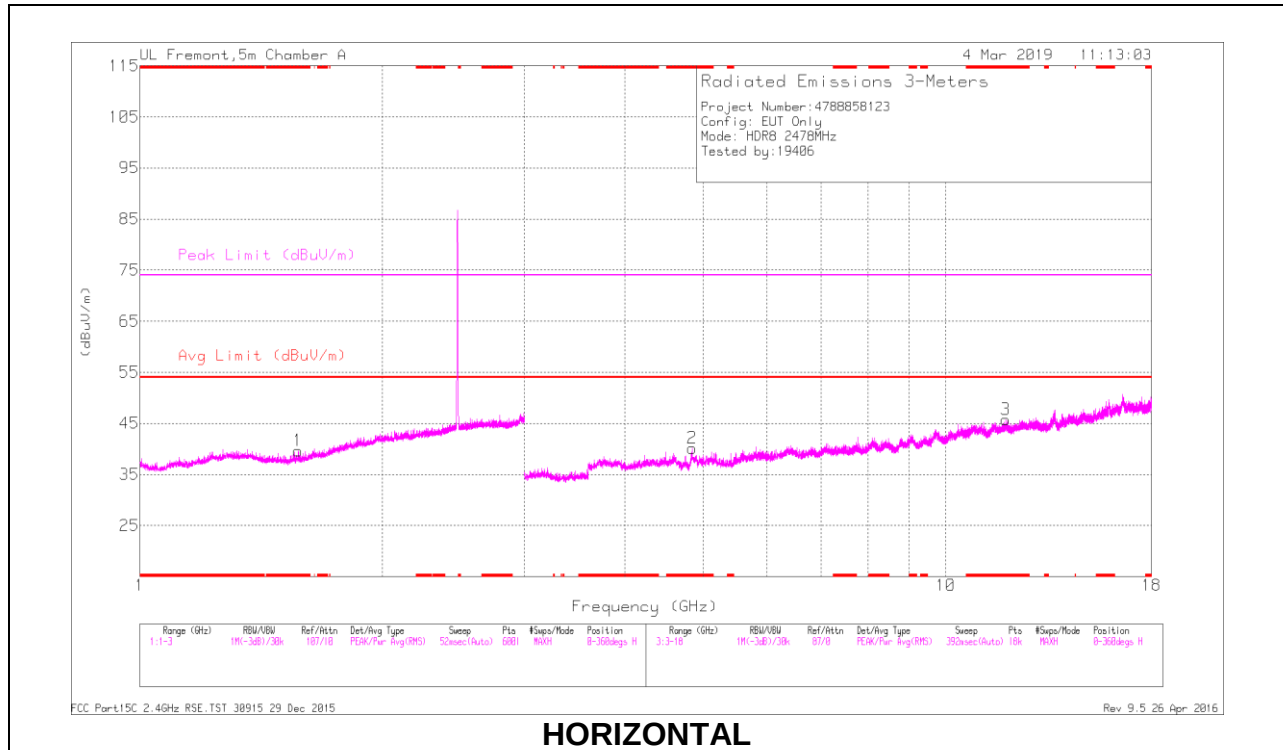
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T345<br>(dB/m) | Amp/Cbl/Filtr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|----------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 1.353                | 42.31                      | PK2  | 29.1              | -24.9                      | 46.51                                | -                     | -              | 74                     | -27.49               | 132               | 310            | H        |
|        | * 1.354                | 30.83                      | MAv1 | 29.1              | -24.9                      | 35.03                                | 54                    | -18.97         | -                      | -                    | 132               | 310            | H        |
| 4      | * 1.061                | 42.42                      | PK2  | 27                | -25.6                      | 43.82                                | -                     | -              | 74                     | -30.18               | 103               | 310            | V        |
|        | * 1.063                | 31.16                      | MAv1 | 27                | -25.5                      | 32.66                                | 54                    | -21.34         | -                      | -                    | 103               | 310            | V        |
| 2      | * 3.877                | 39.71                      | PK2  | 33.6              | -29                        | 44.31                                | -                     | -              | 74                     | -29.69               | 296               | 296            | H        |
|        | * 3.877                | 28.71                      | MAv1 | 33.6              | -29                        | 33.31                                | 54                    | -20.69         | -                      | -                    | 296               | 296            | H        |
| 3      | * 12.257               | 32.56                      | PK2  | 39                | -20.3                      | 51.26                                | -                     | -              | 74                     | -22.74               | 44                | 168            | H        |
|        | * 12.255               | 22.13                      | MAv1 | 39                | -20.4                      | 40.73                                | 54                    | -13.27         | -                      | -                    | 44                | 168            | H        |
| 5      | * 11.58                | 33.3                       | PK2  | 38.3              | -20.4                      | 51.2                                 | -                     | -              | 74                     | -22.8                | 32                | 110            | V        |
|        | * 11.579               | 22.38                      | MAv1 | 38.3              | -20.4                      | 40.28                                | 54                    | -13.72         | -                      | -                    | 32                | 110            | V        |
| 6      | * 15.932               | 32.71                      | PK2  | 40.8              | -17.7                      | 55.81                                | -                     | -              | 74                     | -18.19               | 354               | 192            | V        |
|        | * 15.932               | 21.96                      | MAv1 | 40.8              | -17.7                      | 45.06                                | 54                    | -8.94          | -                      | -                    | 354               | 192            | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL RESULTS



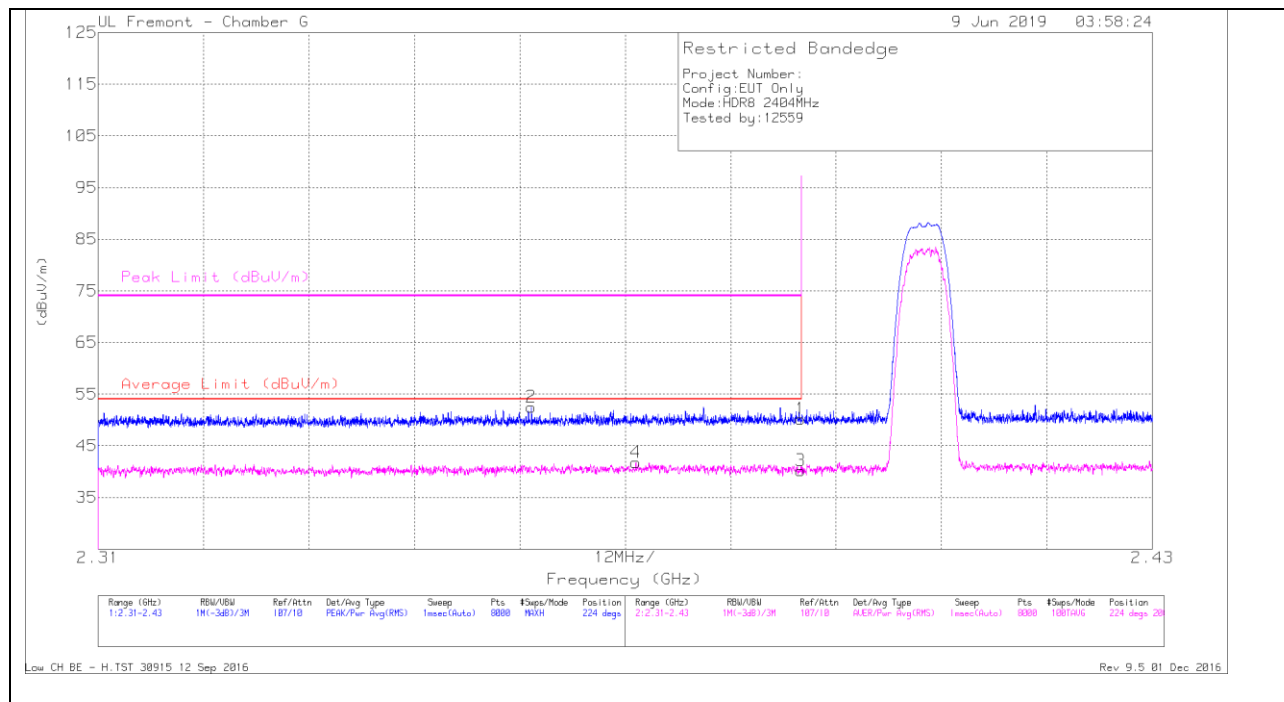
## RADIATED EMISSIONS

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T345<br>(dB/m) | Amp/Cbl/Filtr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|----------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 1.572                | 42                         | PK2  | 28.1              | -24.4                      | 45.7                                 | -                     | -              | 74                     | -28.3                | 356               | 235            | H        |
|        | * 1.573                | 30.31                      | MAv1 | 28.1              | -24.4                      | 34.01                                | 54                    | -19.99         | -                      | -                    | 356               | 235            | H        |
| 2      | * 4.846                | 37.73                      | PK2  | 34.1              | -27                        | 44.83                                | -                     | -              | 74                     | -29.17               | 85                | 268            | H        |
|        | * 4.846                | 27.47                      | MAv1 | 34.1              | -27                        | 34.57                                | 54                    | -19.43         | -                      | -                    | 85                | 268            | H        |
| 3      | * 11.865               | 32.62                      | PK2  | 38.6              | -20.1                      | 51.12                                | -                     | -              | 74                     | -22.88               | 259               | 200            | H        |
|        | * 11.864               | 22.46                      | MAv1 | 38.5              | -20.1                      | 40.86                                | 54                    | -13.14         | -                      | -                    | 259               | 200            | H        |
| 4      | * 8.049                | 34.8                       | PK2  | 35.9              | -23.1                      | 47.6                                 | -                     | -              | 74                     | -26.4                | 103               | 209            | V        |
|        | * 8.047                | 24.07                      | MAv1 | 35.9              | -23                        | 36.97                                | 54                    | -17.03         | -                      | -                    | 103               | 209            | V        |
| 5      | * 10.774               | 32.61                      | PK2  | 37.9              | -19.5                      | 51.01                                | -                     | -              | 74                     | -22.99               | 108               | 289            | V        |
|        | * 10.777               | 21.96                      | MAv1 | 37.9              | -19.5                      | 40.36                                | 54                    | -13.64         | -                      | -                    | 108               | 289            | V        |
| 6      | * 15.918               | 32.16                      | PK2  | 40.9              | -17.9                      | 55.16                                | -                     | -              | 74                     | -18.84               | 325               | 157            | V        |
|        | * 15.918               | 21.92                      | MAv1 | 40.9              | -17.9                      | 44.92                                | 54                    | -9.08          | -                      | -                    | 325               | 157            | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**Antenna 5****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Ampl/Cbl/Filtr/Par d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|---------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.359         | 43.01                | Pk  | 31.7           | -22.2                     | 52.51                      | -                      | -           | 74                  | -21.49         | 224            | 200         | H        |
| 4      | * 2.371         | 32.18                | RMS | 31.8           | -22.2                     | 41.78                      | 54                     | -12.22      | -                   | -              | 224            | 200         | H        |
| 1      | * 2.39          | 40.51                | Pk  | 31.9           | -22.2                     | 50.21                      | -                      | -           | 74                  | -23.79         | 224            | 200         | H        |
| 3      | * 2.39          | 30.48                | RMS | 31.9           | -22.2                     | 40.18                      | 54                     | -13.82      | -                   | -              | 224            | 200         | H        |

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

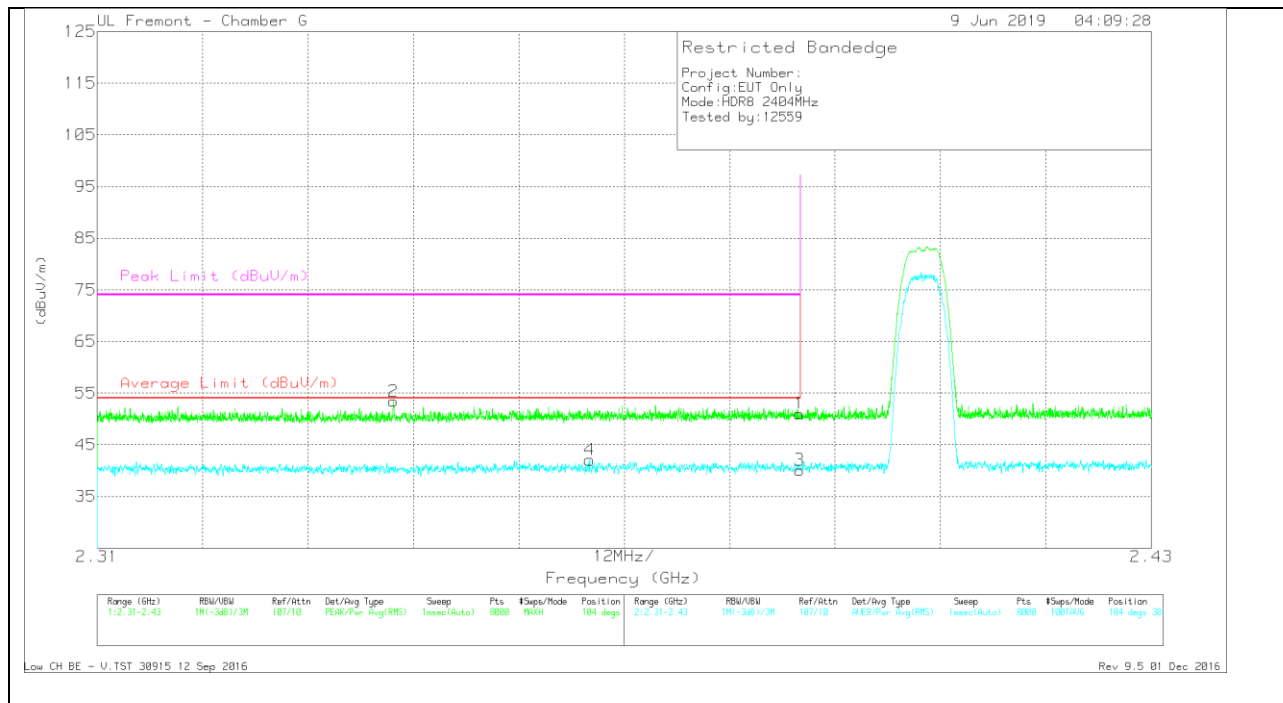
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/FiltriP ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.344         | 44.04                | Pk  | 31.6           | -22.2                   | 53.44                      | -                      | -           | 74                  | -20.56         | 104            | 383         | V        |
| 4      | * 2.366         | 32.58                | RMS | 31.7           | -22.2                   | 42.08                      | 54                     | -11.92      | -                   | -              | 104            | 383         | V        |
| 1      | * 2.39          | 41.37                | PK  | 31.9           | -22.2                   | 51.07                      | -                      | -           | 74                  | -22.93         | 104            | 383         | V        |
| 3      | * 2.39          | 30.36                | RMS | 31.9           | -22.2                   | 40.06                      | 54                     | -13.94      | -                   | -              | 104            | 383         | V        |

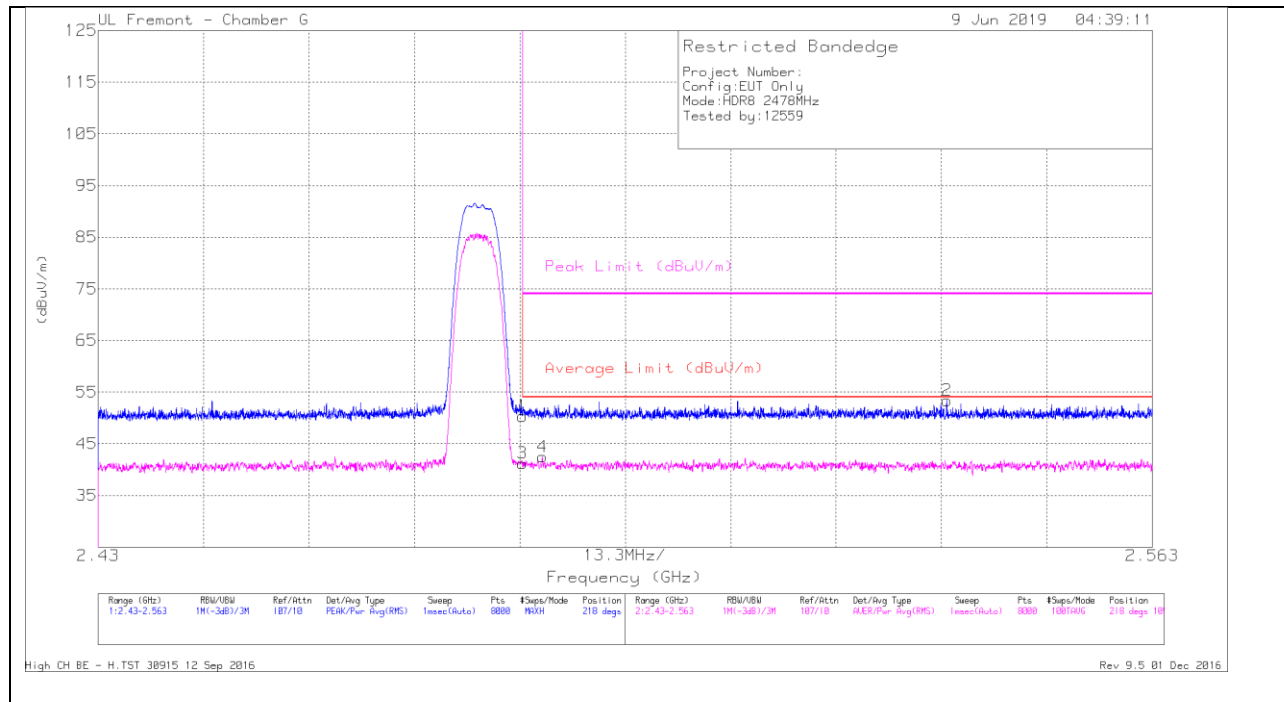
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Rev 9.5 01 Dec 2016

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 40.06                | Pk  | 32.4           | -22.1                  | 50.36                      | -                      | -           | 74                  | -23.64         | 218            | 105         | H        |
| 3      | * 2.484         | 30.9                 | RMS | 32.4           | -22.1                  | 41.2                       | 54                     | -12.8       | -                   | -              | 218            | 105         | H        |
| 4      | * 2.486         | 32.28                | RMS | 32.4           | -22.2                  | 42.48                      | 54                     | -11.52      | -                   | -              | 218            | 105         | H        |
| 2      | 2.537           | 43.2                 | Pk  | 32.4           | -22.2                  | 53.4                       | -                      | -           | 74                  | -20.6          | 218            | 105         | H        |

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

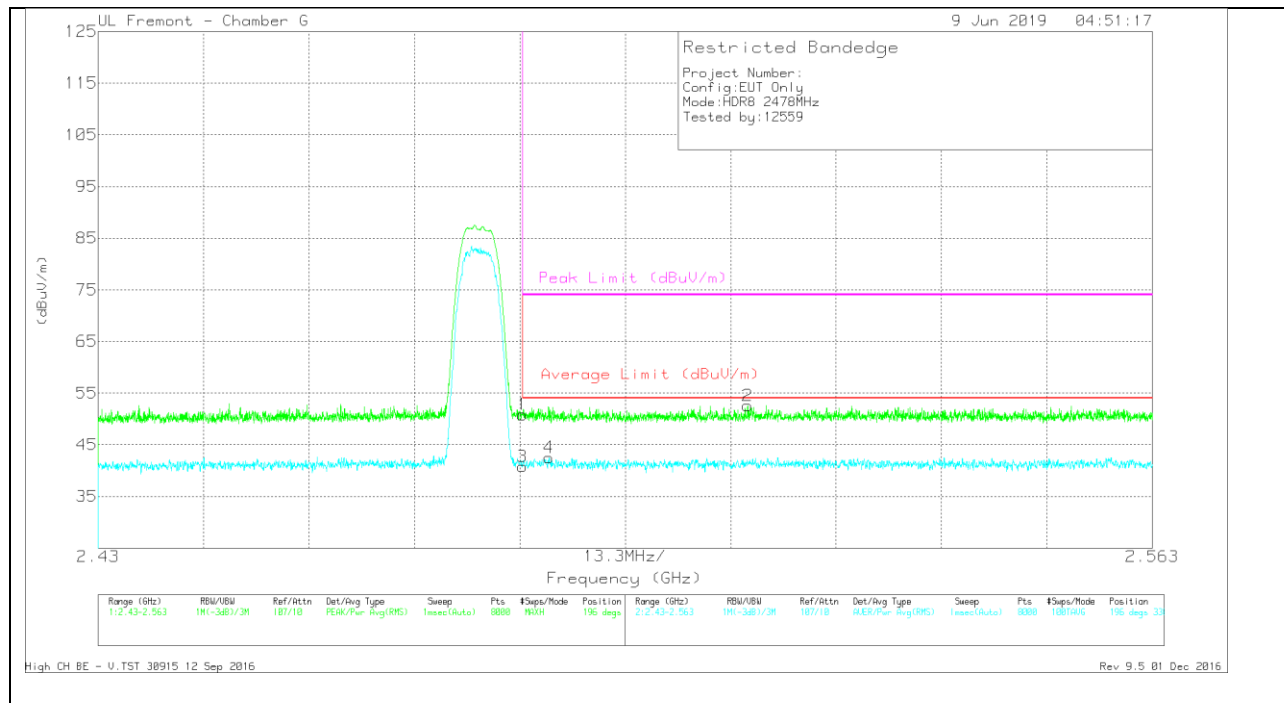
Pk - Peak detector

RMS - RMS detection

High CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 40.53                | Pk  | 32.4           | -22.1                  | 50.83                      | -                      | -           | 74                  | -23.17         | 196            | 330         | V        |
| 3      | * 2.484         | 30.46                | RMS | 32.4           | -22.1                  | 40.76                      | 54                     | -13.24      | -                   | -              | 196            | 330         | V        |
| 4      | * 2.487         | 32.29                | RMS | 32.4           | -22.2                  | 42.49                      | 54                     | -11.51      | -                   | -              | 196            | 330         | V        |
| 2      | 2.512           | 42.38                | Pk  | 32.4           | -22.2                  | 52.58                      | -                      | -           | 74                  | -21.42         | 196            | 330         | V        |

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

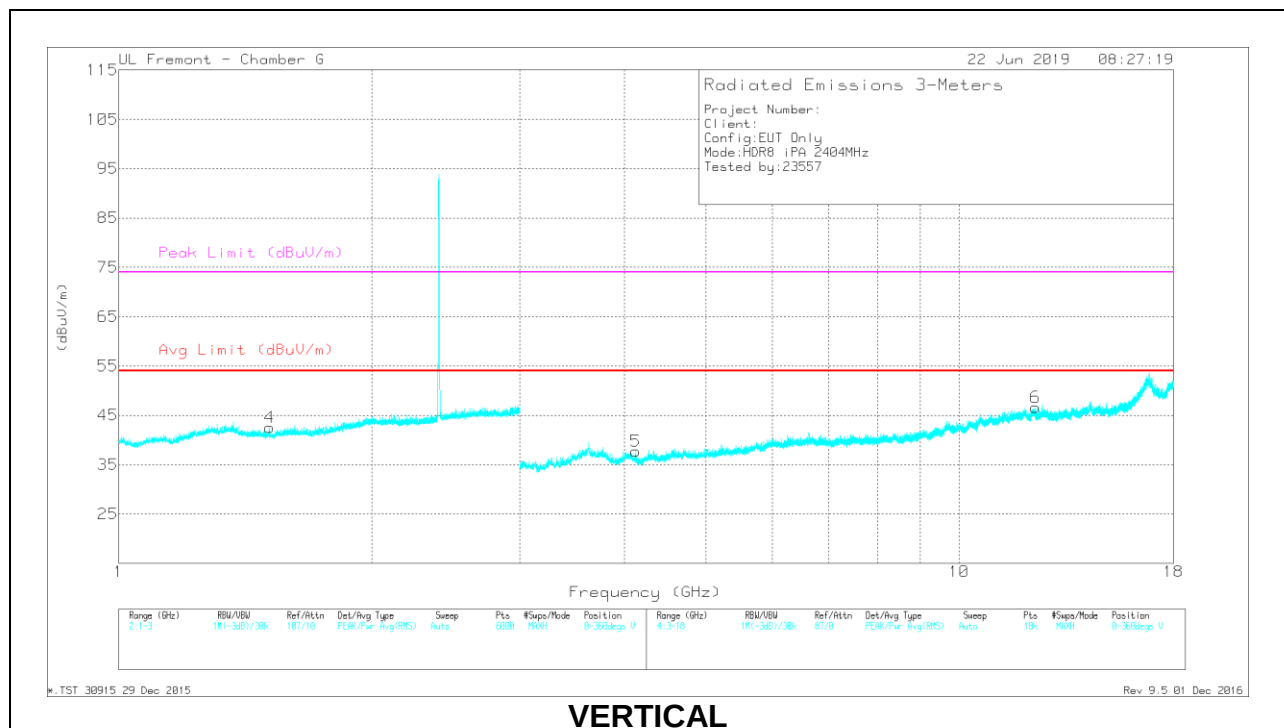
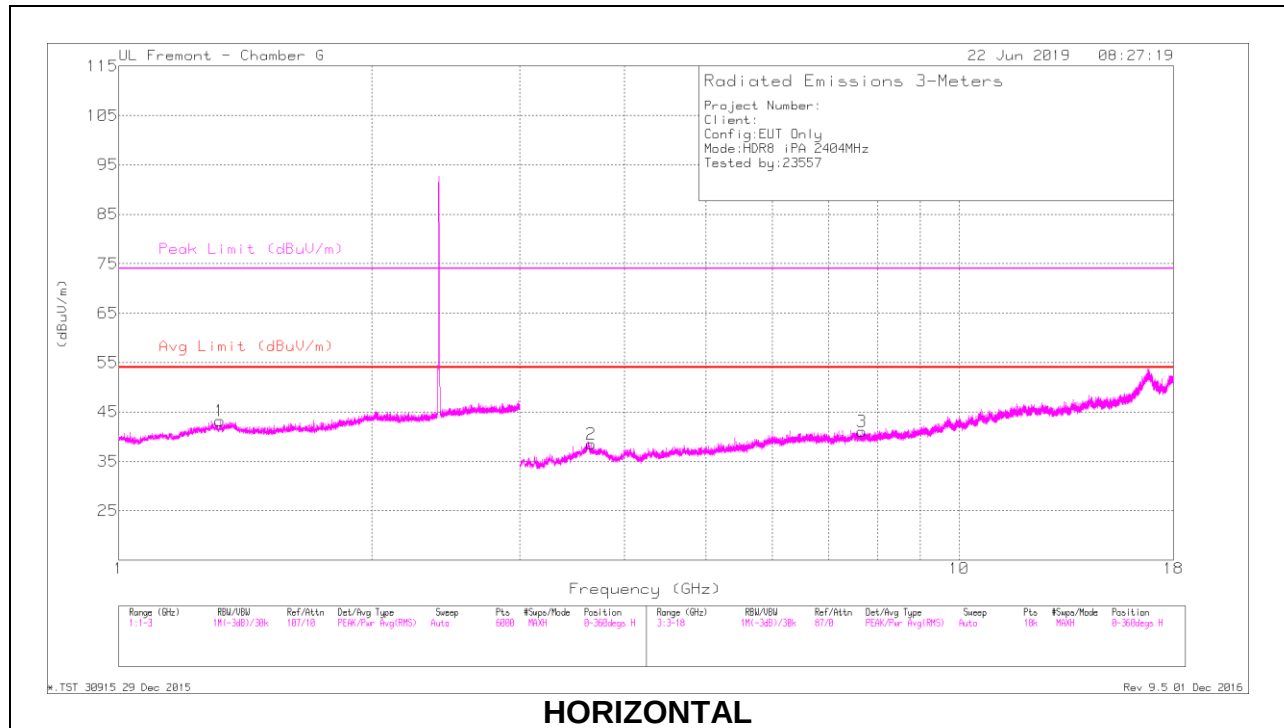
Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

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

## RADIATED EMISSIONS

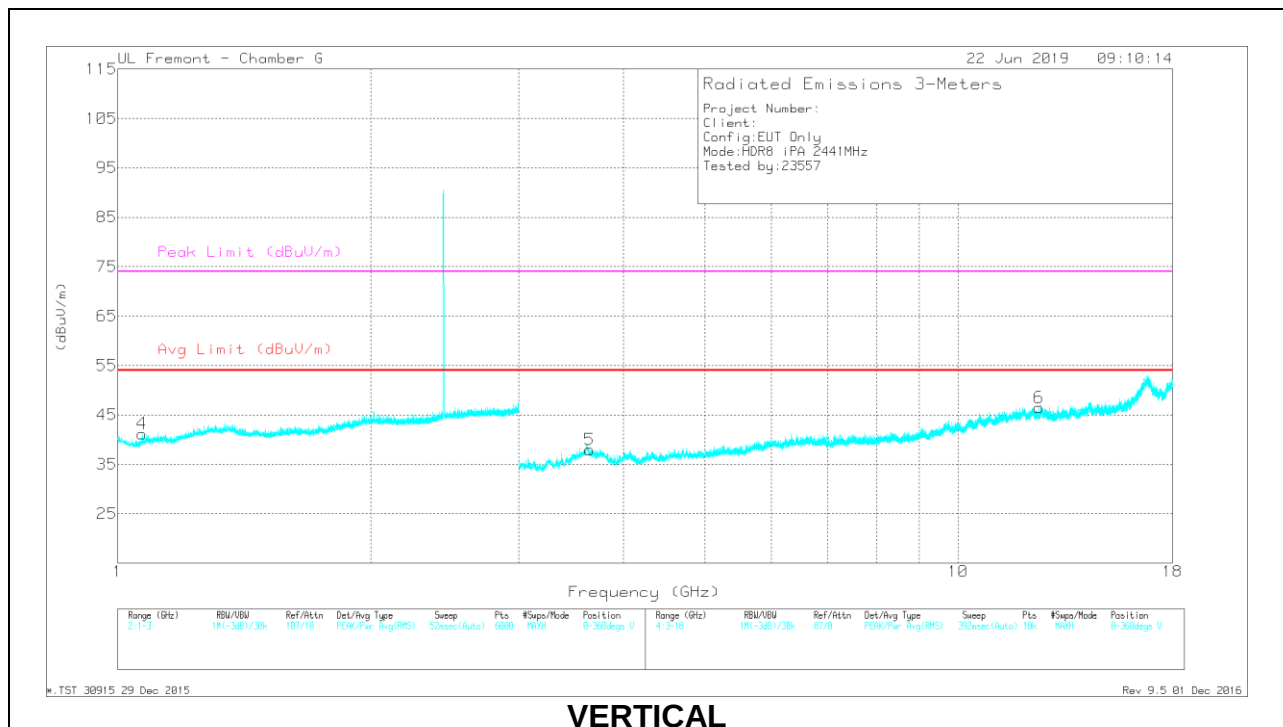
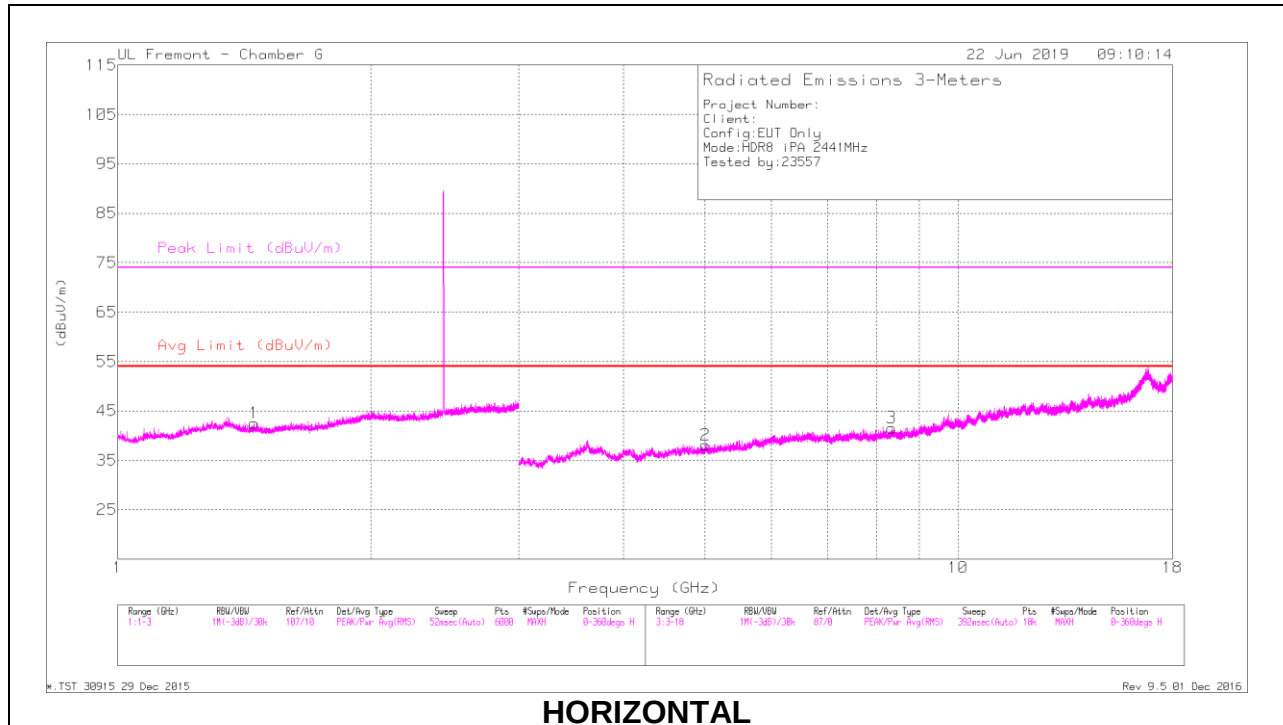
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
|         | * 1.317         | 43.65                | PK2  | 29.6           | -23.5                   | 49.75                      | -                  | -           | 74                  | -24.25         | 106            | 273         | H        |
| 1       | * 1.318         | 31.86                | MAv1 | 29.6           | -23.5                   | 37.96                      | 54                 | -16.04      | -                   | -              | 106            | 273         | H        |
|         | * 1.512         | 43.72                | PK2  | 27.8           | -21.9                   | 49.62                      | -                  | -           | 74                  | -24.38         | 322            | 168         | V        |
| 4       | * 1.513         | 31.53                | MAv1 | 27.8           | -21.9                   | 37.43                      | 54                 | -16.57      | -                   | -              | 322            | 168         | V        |
|         | * 3.648         | 40.48                | PK2  | 34.6           | -29.5                   | 45.58                      | -                  | -           | 74                  | -28.42         | 355            | 236         | H        |
| 2       | * 3.65          | 28.54                | MAv1 | 34.5           | -29.5                   | 33.54                      | 54                 | -20.46      | -                   | -              | 355            | 236         | H        |
|         | * 7.664         | 38.94                | PK2  | 36.1           | -27.8                   | 47.24                      | -                  | -           | 74                  | -26.76         | 282            | 123         | H        |
| 3       | * 7.665         | 27.39                | MAv1 | 36             | -27.8                   | 35.59                      | 54                 | -18.41      | -                   | -              | 282            | 123         | H        |
|         | * 4.123         | 40.68                | PK2  | 33.7           | -30.3                   | 44.08                      | -                  | -           | 74                  | -29.92         | 320            | 218         | V        |
| 5       | * 4.122         | 29.04                | MAv1 | 33.7           | -30.2                   | 32.54                      | 54                 | -21.46      | -                   | -              | 320            | 218         | V        |
|         | * 12.326        | 36.41                | PK2  | 39.5           | -23.1                   | 52.81                      | -                  | -           | 74                  | -21.19         | 341            | 216         | V        |
| 6       | * 12.329        | 24.74                | MAv1 | 39.5           | -23.2                   | 41.04                      | 54                 | -12.96      | -                   | -              | 341            | 216         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AFT120 (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 |
|---------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
|         | * 1.453         | 43.1                 | PK2  | 28.6          | -22.5                  | 49.2                       | -                  | -           | 74                  | -24.8          | 36             | 132         | H        |
| 1       | * 1.451         | 31.05                | MAv1 | 28.6          | -22.5                  | 37.15                      | 54                 | -16.85      | -                   | -              | 36             | 132         | H        |
|         | * 1.071         | 44.14                | PK2  | 27.3          | -23.9                  | 47.54                      | -                  | -           | 74                  | -26.46         | 123            | 333         | V        |
| 4       | * 1.071         | 31.93                | MAv1 | 27.3          | -23.9                  | 35.33                      | 54                 | -18.67      | -                   | -              | 123            | 333         | V        |
|         | * 5.011         | 39.79                | PK2  | 34.2          | -29.3                  | 44.69                      | -                  | -           | 74                  | -29.31         | 239            | 155         | H        |
| 2       | * 5.008         | 28.16                | MAv1 | 34.2          | -29.3                  | 33.06                      | 54                 | -20.94      | -                   | -              | 239            | 155         | H        |
|         | * 8.334         | 38.15                | PK2  | 36.1          | -26.8                  | 47.45                      | -                  | -           | 74                  | -26.55         | 100            | 363         | H        |
| 3       | * 8.334         | 26.83                | MAv1 | 36.1          | -26.8                  | 36.13                      | 54                 | -17.87      | -                   | -              | 100            | 363         | H        |
|         | * 3.646         | 41.32                | PK2  | 34.6          | -29.5                  | 46.42                      | -                  | -           | 74                  | -27.58         | 286            | 217         | V        |
| 5       | * 3.645         | 28.72                | MAv1 | 34.6          | -29.5                  | 33.82                      | 54                 | -20.18      | -                   | -              | 286            | 217         | V        |
|         | * 12.491        | 35.73                | PK2  | 39.6          | -23.3                  | 52.03                      | -                  | -           | 74                  | -21.97         | 184            | 277         | V        |
| 6       | * 12.491        | 24.42                | MAv1 | 39.6          | -23.3                  | 40.72                      | 54                 | -13.28      | -                   | -              | 184            | 277         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



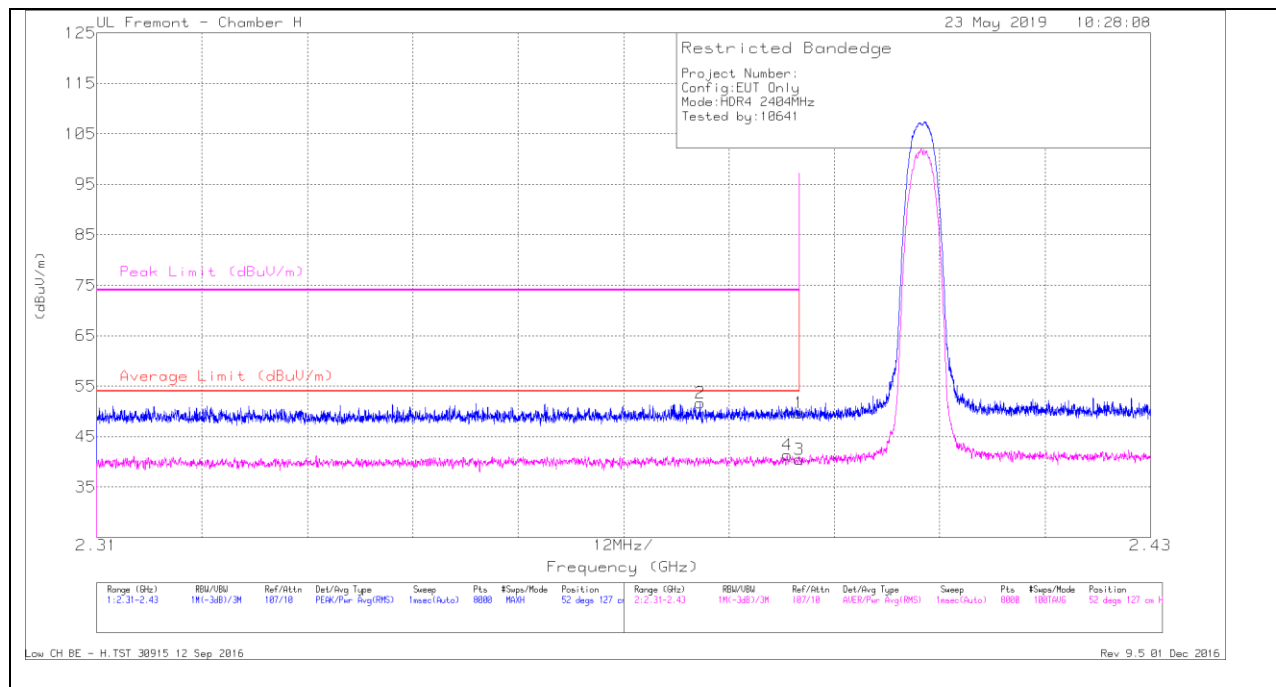
## RADIATED EMISSIONS

| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AFT120 (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 |
|---------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
|         | * 1.567         | 43.16                | PK2  | 27.8          | -21.4                  | 49.56                      | -                  | -           | 74                  | -24.44         | 43             | 164         | H        |
| 1       | * 1.566         | 31.27                | MAv1 | 27.8          | -21.4                  | 37.67                      | 54                 | -16.33      | -                   | -              | 43             | 164         | H        |
|         | * 1.244         | 43.77                | PK2  | 29.1          | -23.7                  | 49.17                      | -                  | -           | 74                  | -24.83         | 312            | 169         | V        |
| 4       | * 1.247         | 32                   | MAv1 | 29.2          | -23.7                  | 37.5                       | 54                 | -16.5       | -                   | -              | 312            | 169         | V        |
|         | * 3.621         | 40.47                | PK2  | 35.7          | -30                    | 46.17                      | -                  | -           | 74                  | -27.83         | 22             | 161         | H        |
| 2       | * 3.621         | 28.66                | MAv1 | 35.7          | -30                    | 34.36                      | 54                 | -19.64      | -                   | -              | 22             | 161         | H        |
|         | * 13.334        | 36.59                | PK2  | 39.6          | -23                    | 53.19                      | -                  | -           | 74                  | -20.81         | 292            | 145         | H        |
| 3       | * 13.332        | 25.07                | MAv1 | 39.6          | -23.1                  | 41.57                      | 54                 | -12.43      | -                   | -              | 292            | 145         | H        |
|         | * 4             | 39.43                | PK2  | 33.6          | -29.1                  | 43.93                      | -                  | -           | 74                  | -30.07         | 132            | 311         | V        |
| 5       | * 3.999         | 28.2                 | MAv1 | 33.6          | -29.2                  | 32.6                       | 54                 | -21.4       | -                   | -              | 132            | 311         | V        |
|         | * 7.524         | 38.8                 | PK2  | 36            | -27                    | 47.8                       | -                  | -           | 74                  | -26.2          | 143            | 287         | V        |
| 6       | * 7.523         | 26.92                | MAv1 | 36            | -27                    | 35.92                      | 54                 | -18.08      | -                   | -              | 143            | 287         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**9.2.5. BEAMFORMING HIGH POWER HDR (HDR4)****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.56                | Pk  | 31.6           | -23.5                   | 49.66                      | -                      | -           | 74                  | -24.34         | 52             | 127         | H        |
| 2      | * 2.379         | 43.51                | Pk  | 31.6           | -23.5                   | 51.61                      | -                      | -           | 74                  | -22.39         | 52             | 127         | H        |
| 3      | * 2.39          | 32.42                | RMS | 31.6           | -23.5                   | 40.52                      | 54                     | -13.48      | -                   | -              | 52             | 127         | H        |
| 4      | * 2.389         | 33.29                | RMS | 31.6           | -23.5                   | 41.39                      | 54                     | -12.61      | -                   | -              | 52             | 127         | H        |

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

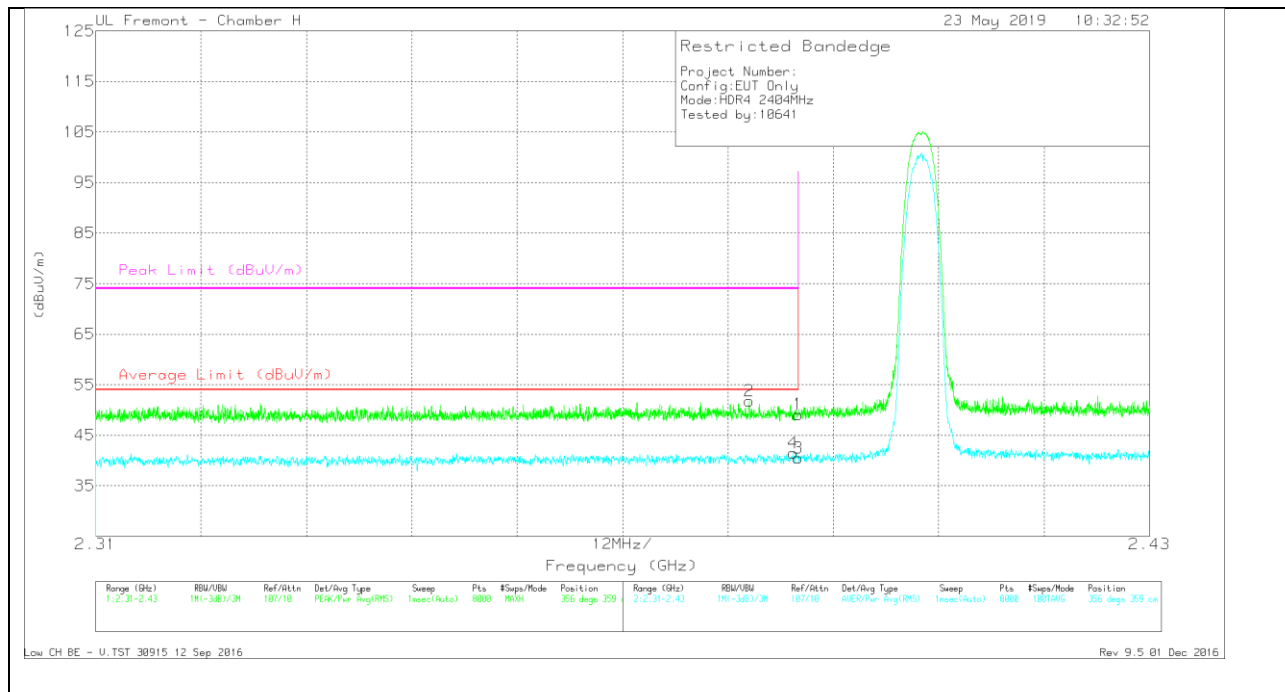
Pk - Peak detector

RMS - RMS detection

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## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.01                | Pk  | 31.6           | -23.5                   | 49.11                      | -                      | -           | 74                  | -24.89         | 356            | 359         | V        |
| 2      | * 2.384         | 43.71                | Pk  | 31.6           | -23.5                   | 51.81                      | -                      | -           | 74                  | -22.19         | 356            | 359         | V        |
| 3      | * 2.39          | 32.42                | RMS | 31.6           | -23.5                   | 40.52                      | 54                     | -13.48      | -                   | -              | 356            | 359         | V        |
| 4      | * 2.389         | 33.32                | RMS | 31.6           | -23.5                   | 41.42                      | 54                     | -12.58      | -                   | -              | 356            | 359         | V        |

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

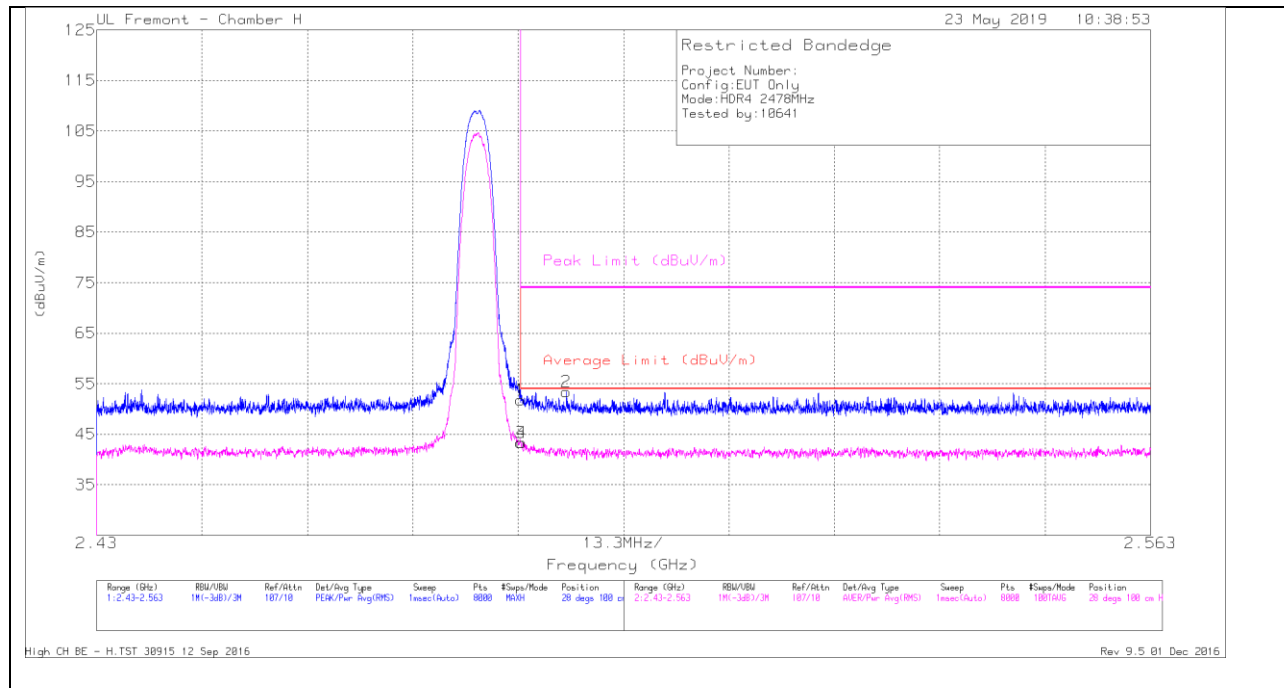
Pk - Peak detector

RMS - RMS detection

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/FiltriP ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 42.83                | Pk  | 32.3           | -23.3                   | 51.83                      | -                      | -           | 74                  | -22.17         | 28             | 100         | H        |
| 2      | * 2.489         | 44.41                | Pk  | 32.3           | -23.3                   | 53.41                      | -                      | -           | 74                  | -20.59         | 28             | 100         | H        |
| 3      | * 2.484         | 34.38                | RMS | 32.3           | -23.3                   | 43.38                      | 54                     | -10.62      | -                   | -              | 28             | 100         | H        |
| 4      | * 2.484         | 34.36                | RMS | 32.3           | -23.3                   | 43.36                      | 54                     | -10.64      | -                   | -              | 28             | 100         | H        |

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

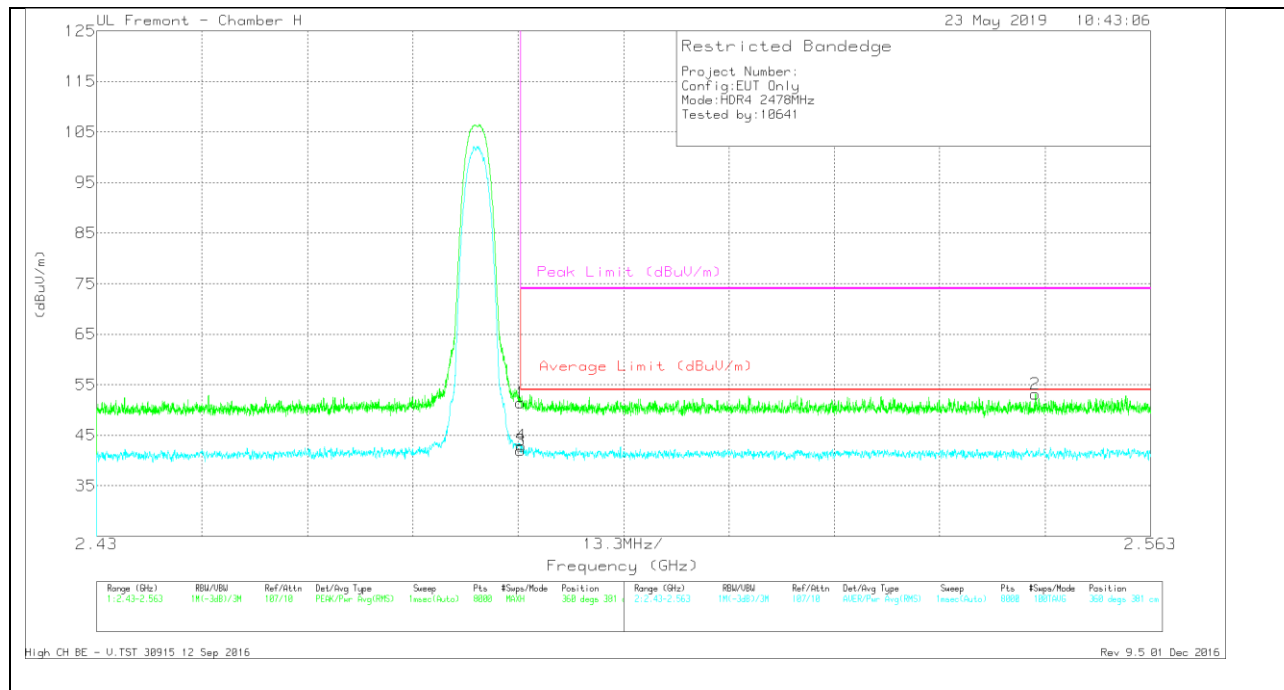
Pk - Peak detector

RMS - RMS detection

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## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 42.39                | Pk  | 32.3           | -23.3                    | 51.39                      | -                      | -           | 74                  | -22.61         | 360            | 381         | V        |
| 3      | * 2.484         | 33                   | RMS | 32.3           | -23.3                    | 42                         | 54                     | -12         | -                   | -              | 360            | 381         | V        |
| 4      | * 2.484         | 33.9                 | RMS | 32.3           | -23.3                    | 42.9                       | 54                     | -11.1       | -                   | -              | 360            | 381         | V        |
| 2      | 2.548           | 43.97                | Pk  | 32.3           | -23.1                    | 53.17                      | -                      | -           | 74                  | -20.83         | 360            | 381         | V        |

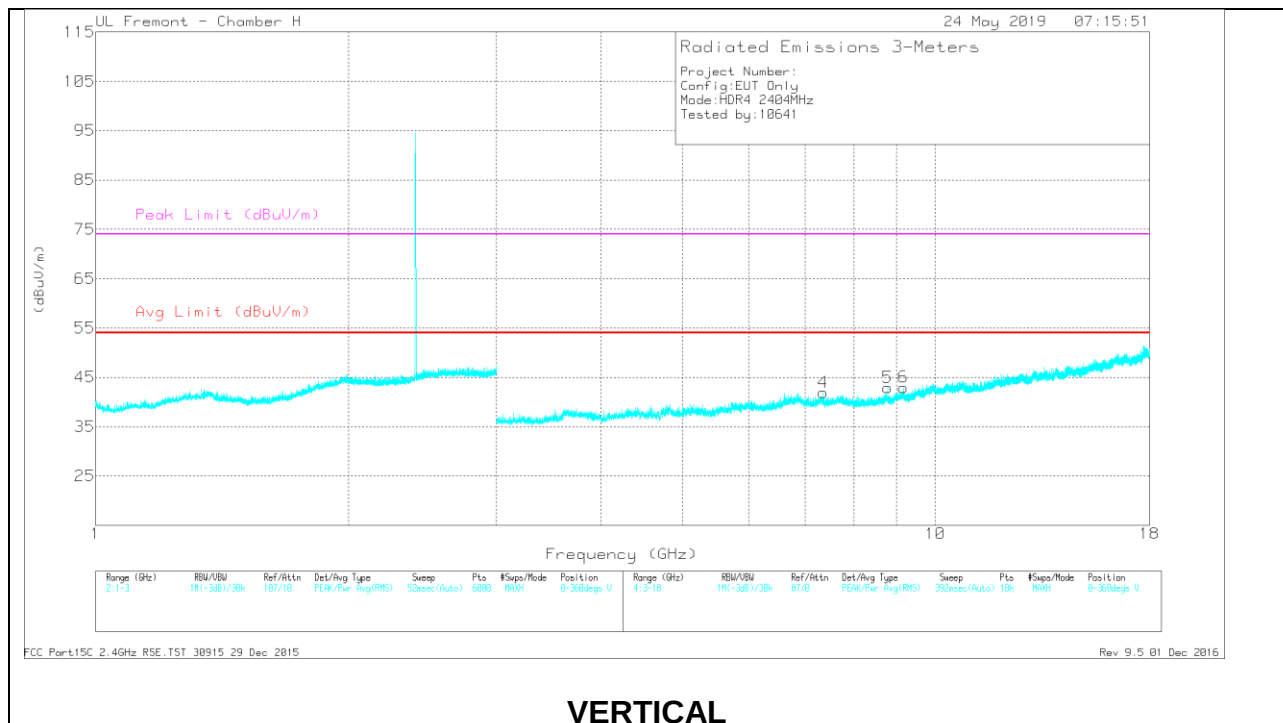
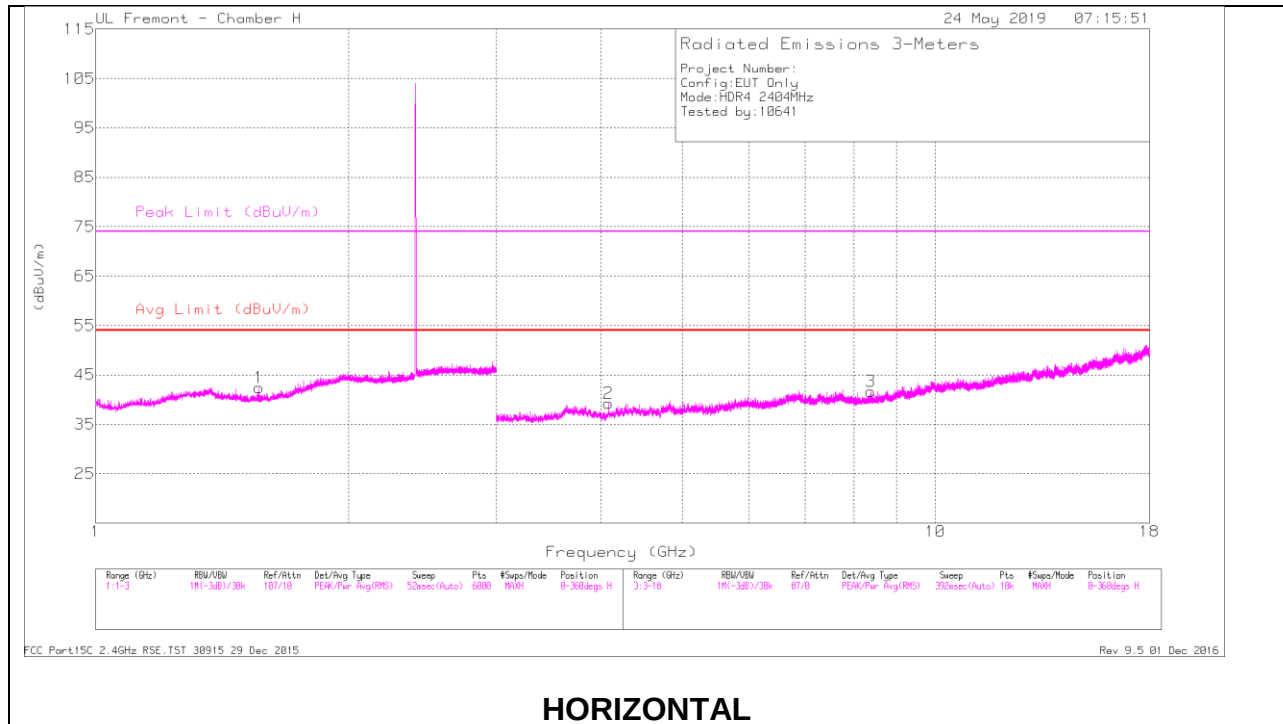
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.566         | 44.82                | PK2  | 28             | -24.7                   | 48.12                      | -                  | -           | 74                  | -25.88         | 294            | 118         | H        |
|        | * 1.563         | 33.2                 | MAv1 | 28             | -24.7                   | 36.5                       | 54                 | -17.5       | -                   | -              | 294            | 118         | H        |
| 2      | * 4.08          | 41.81                | PK2  | 33.3           | -30.8                   | 44.31                      | -                  | -           | 74                  | -29.69         | 257            | 136         | H        |
|        | * 4.08          | 31.09                | MAv1 | 33.3           | -30.8                   | 33.59                      | 54                 | -20.41      | -                   | -              | 257            | 136         | H        |
| 3      | * 8.388         | 38.32                | PK2  | 35.9           | -26.1                   | 48.12                      | -                  | -           | 74                  | -25.88         | 181            | 151         | H        |
|        | * 8.388         | 26.84                | MAv1 | 35.9           | -26.1                   | 36.64                      | 54                 | -17.36      | -                   | -              | 181            | 151         | H        |
| 4      | * 7.36          | 37.76                | PK2  | 36.4           | -26.7                   | 47.46                      | -                  | -           | 74                  | -26.54         | 166            | 162         | V        |
|        | * 7.362         | 27.12                | MAv1 | 36.4           | -26.8                   | 36.72                      | 54                 | -17.28      | -                   | -              | 166            | 162         | V        |
| 6      | * 9.169         | 37.31                | PK2  | 36.3           | -23.9                   | 49.71                      | -                  | -           | 74                  | -24.29         | 202            | 179         | V        |
|        | * 9.168         | 25.52                | MAv1 | 36.3           | -23.9                   | 37.92                      | 54                 | -16.08      | -                   | -              | 202            | 179         | V        |
| 5      | 8.777           | 37.34                | PK2  | 36             | -25.2                   | 48.14                      | -                  | -           | 74                  | -25.86         | 168            | 205         | V        |

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

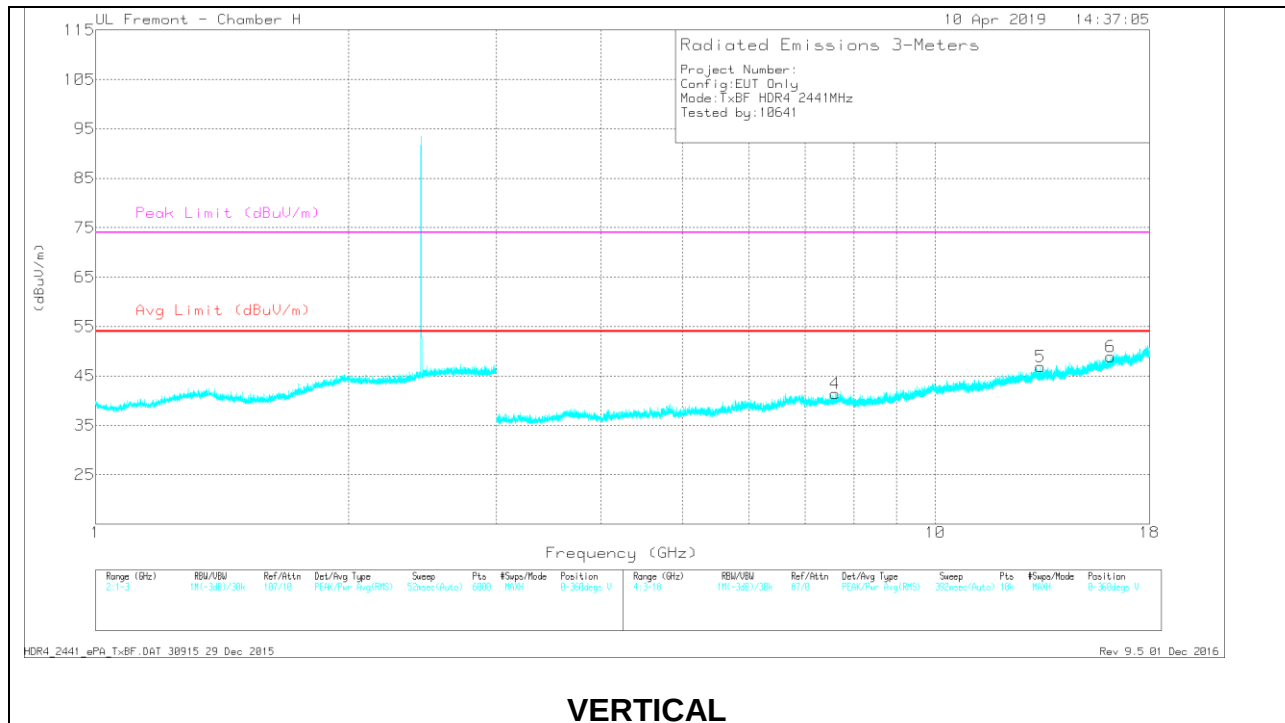
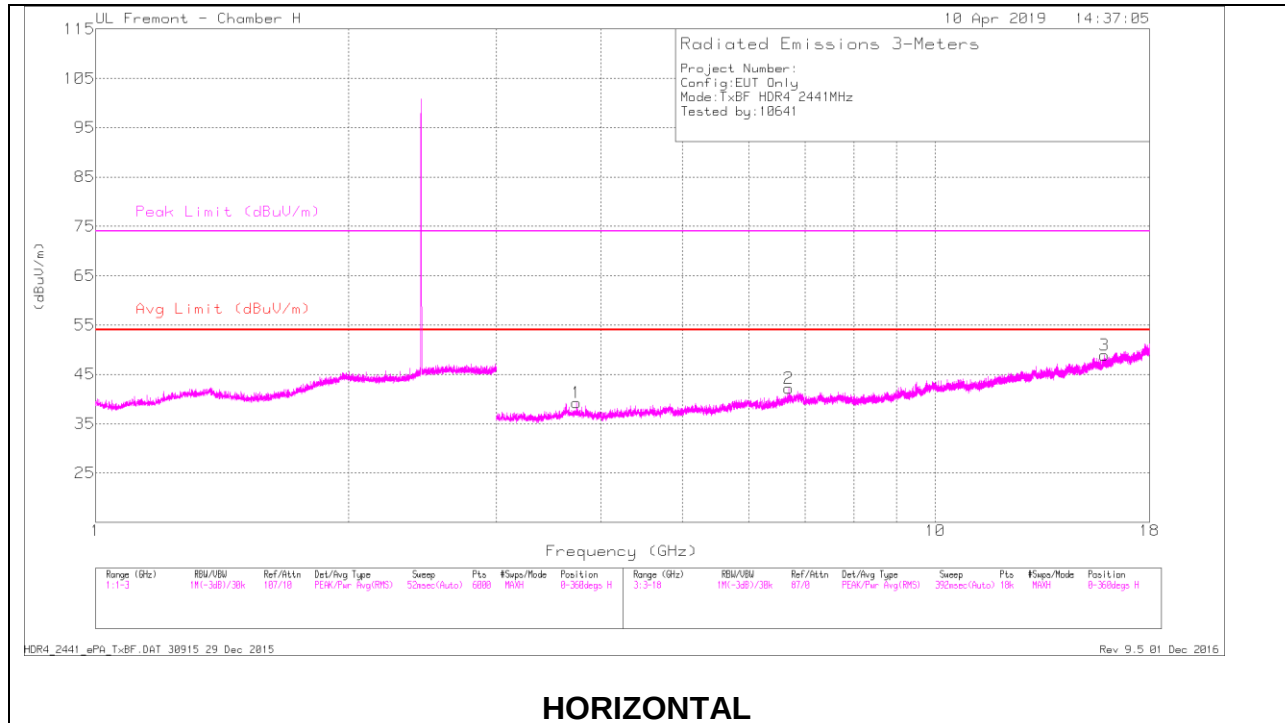
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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## MID CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T136<br>(dB/m) | Amp/Cbl/Filtr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|----------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 3.741                | 41.86                      | PK2  | 33.3              | -30.9                      | 44.26                                | -                     | -              | 74                     | -29.74               | 309               | 127            | H        |
|        | * 3.739                | 31.03                      | MAv1 | 33.3              | -30.9                      | 33.43                                | 54                    | -20.57         | -                      | -                    | 309               | 127            | H        |
| 3      | * 15.898               | 35.03                      | PK2  | 40.7              | -20.5                      | 55.23                                | -                     | -              | 74                     | -18.77               | 152               | 241            | H        |
|        | * 15.9                 | 24.04                      | MAv1 | 40.7              | -20.5                      | 44.24                                | 54                    | -9.76          | -                      | -                    | 152               | 241            | H        |
| 4      | * 7.604                | 39.68                      | PK2  | 36.6              | -27.6                      | 48.68                                | -                     | -              | 74                     | -25.32               | 114               | 291            | V        |
|        | * 7.602                | 27.75                      | MAv1 | 36.5              | -27.6                      | 36.65                                | 54                    | -17.35         | -                      | -                    | 114               | 291            | V        |
| 5      | * 13.355               | 35.87                      | PK2  | 39.5              | -22.5                      | 52.87                                | -                     | -              | 74                     | -21.13               | 150               | 264            | V        |
|        | * 13.357               | 24.69                      | MAv1 | 39.5              | -22.4                      | 41.79                                | 54                    | -12.21         | -                      | -                    | 150               | 264            | V        |
| 6      | * 16.177               | 35.89                      | PK2  | 41.2              | -21.9                      | 55.19                                | -                     | -              | 74                     | -18.81               | 109               | 287            | V        |
|        | * 16.174               | 24.72                      | MAv1 | 41.2              | -21.9                      | 44.02                                | 54                    | -9.98          | -                      | -                    | 109               | 287            | V        |
| 2      | 6.698                  | 40.72                      | PK2  | 36.8              | -28.9                      | 48.62                                | -                     | -              | -                      | -                    | 206               | 306            | H        |

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

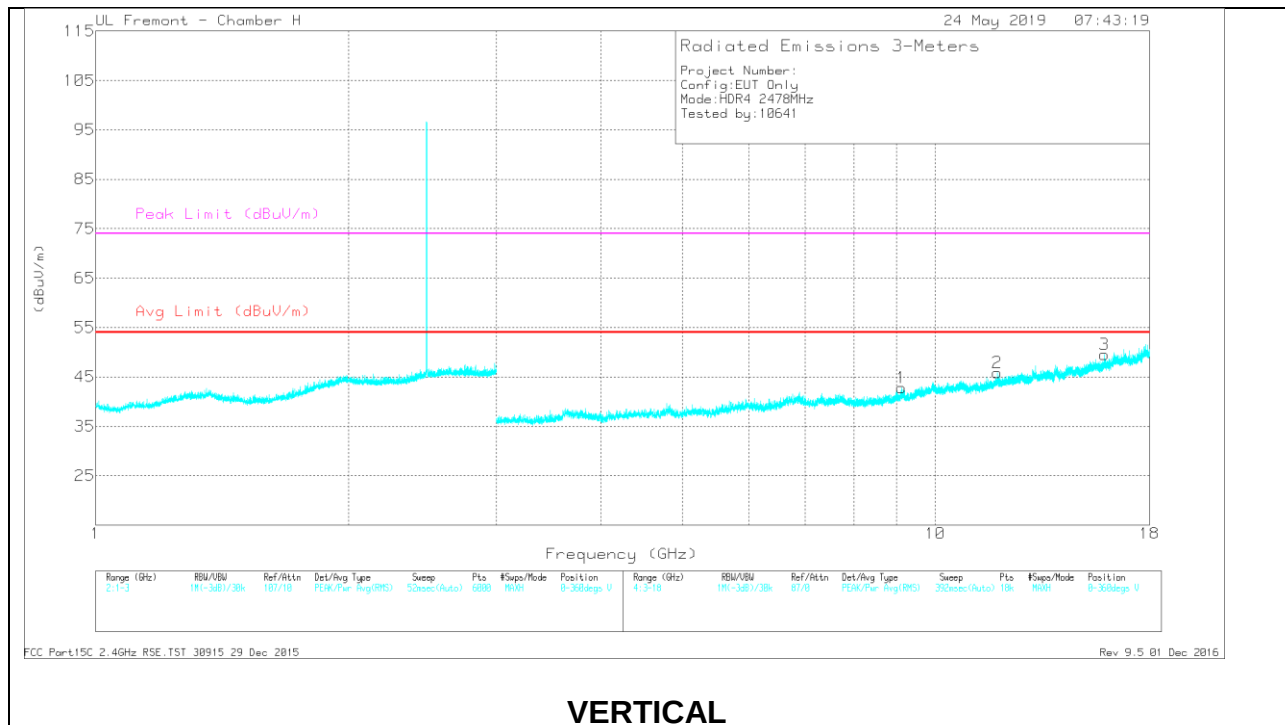
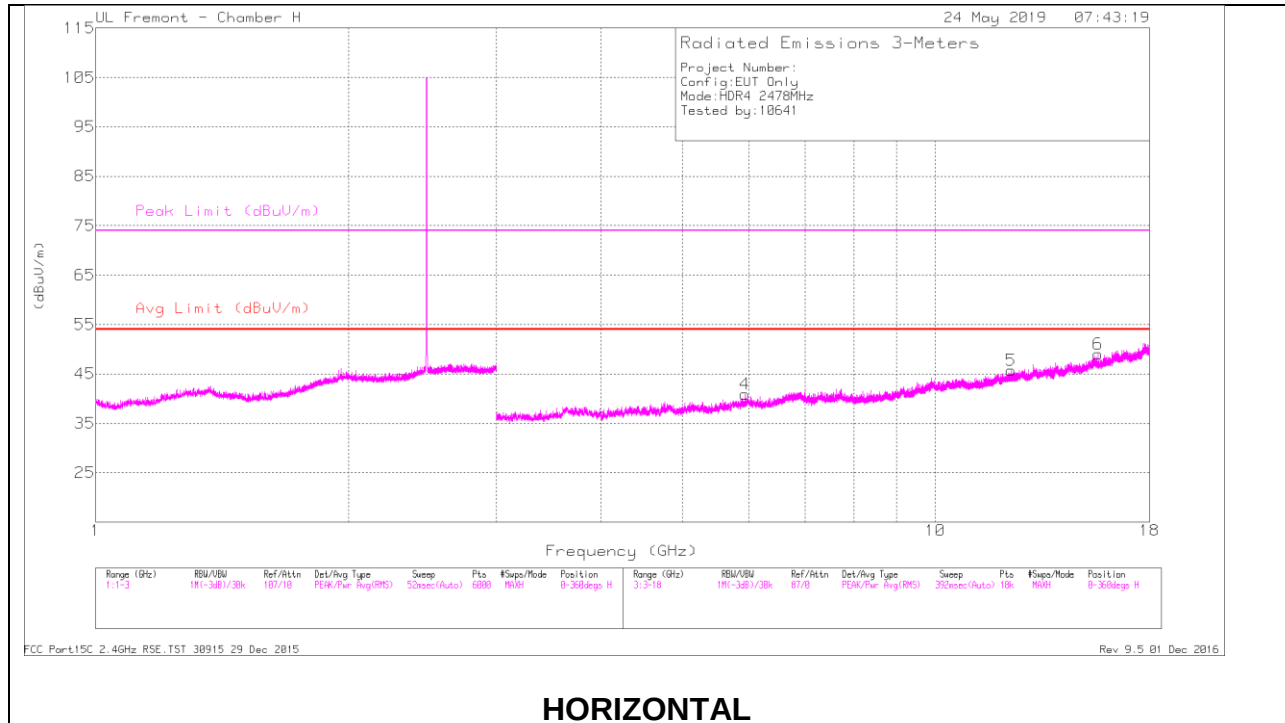
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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## HIGH CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T136<br>(dB/m) | Amp/Cbl/Filtr/<br>Pad (dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|----------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------|----------------|----------|
| 5      | * 12.31                | 36.14                      | PK2  | 39                | -22.9                      | 52.24                                | -                     | -              | 74                     | -21.76               | 217               | 122            | H        |
|        | * 12.306               | 24.86                      | MAv1 | 39                | -22.9                      | 40.96                                | 54                    | -13.04         | -                      | -                    | 217               | 122            | H        |
| 6      | * 15.629               | 36.74                      | PK2  | 40.8              | -22.5                      | 55.04                                | -                     | -              | 74                     | -18.96               | 185               | 134            | H        |
|        | * 15.628               | 25.23                      | MAv1 | 40.8              | -22.6                      | 43.43                                | 54                    | -10.57         | -                      | -                    | 185               | 134            | H        |
| 1      | * 9.118                | 36.26                      | PK2  | 36.3              | -23.7                      | 48.86                                | -                     | -              | 74                     | -25.14               | 218               | 175            | V        |
|        | * 9.116                | 25.38                      | MAv1 | 36.3              | -23.6                      | 38.08                                | 54                    | -15.92         | -                      | -                    | 218               | 175            | V        |
| 2      | * 11.854               | 36.35                      | PK2  | 38.7              | -22.8                      | 52.25                                | -                     | -              | 74                     | -21.75               | 250               | 188            | V        |
|        | * 11.854               | 24.74                      | MAv1 | 38.7              | -22.8                      | 40.64                                | 54                    | -13.36         | -                      | -                    | 250               | 188            | V        |
| 3      | * 15.899               | 35.77                      | PK2  | 40.7              | -20.5                      | 55.97                                | -                     | -              | 74                     | -18.03               | 173               | 208            | V        |
|        | * 15.902               | 24.18                      | MAv1 | 40.7              | -20.5                      | 44.38                                | 54                    | -9.62          | -                      | -                    | 173               | 208            | V        |
| 4      | 5.937                  | 41.33                      | PK2  | 35.6              | -29.6                      | 47.33                                | -                     | -              | 74                     | -26.67               | 210               | 172            | H        |

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

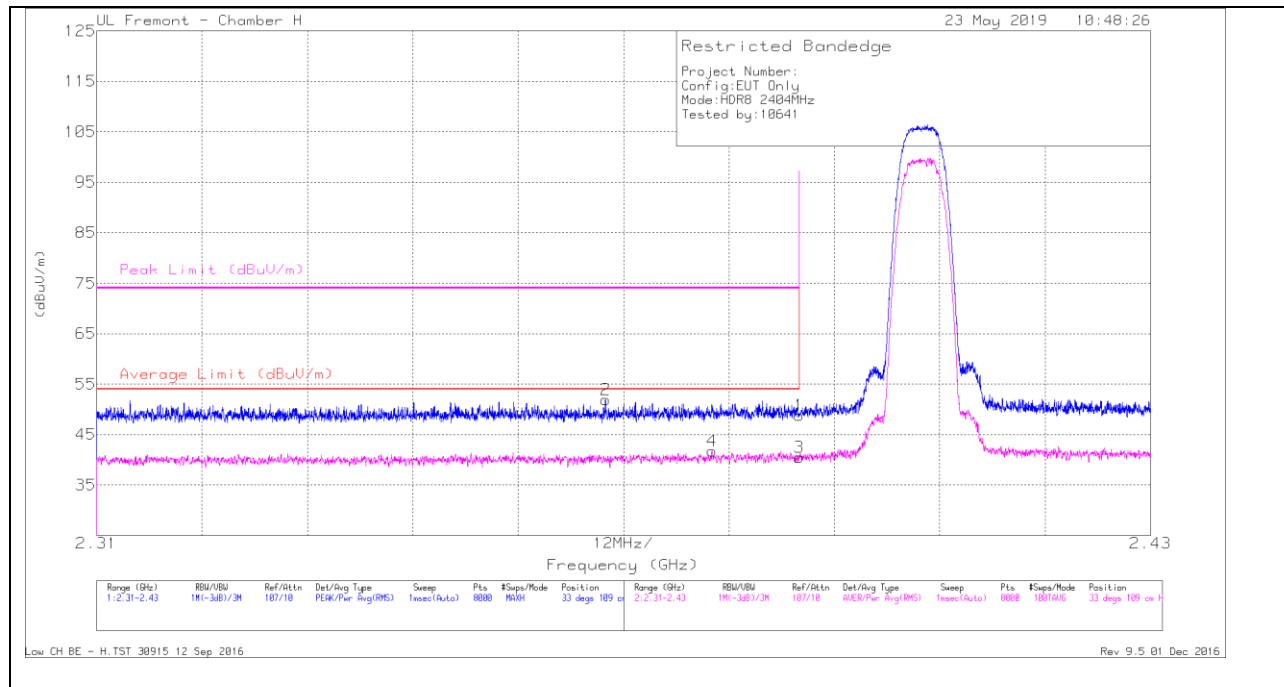
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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**9.2.6. BEAMFORMING HIGH POWER HDR (HDR8)****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 40.71                | Pk  | 31.6           | -23.5                   | 48.81                      | -                      | -           | 74                  | -25.19         | 33             | 109         | H        |
| 2      | * 2.368         | 43.96                | Pk  | 31.5           | -23.6                   | 51.86                      | -                      | -           | 74                  | -22.14         | 33             | 109         | H        |
| 3      | * 2.39          | 32.35                | RMS | 31.6           | -23.5                   | 40.45                      | 54                     | -13.55      | -                   | -              | 33             | 109         | H        |
| 4      | * 2.38          | 33.57                | RMS | 31.6           | -23.5                   | 41.67                      | 54                     | -12.33      | -                   | -              | 33             | 109         | H        |

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

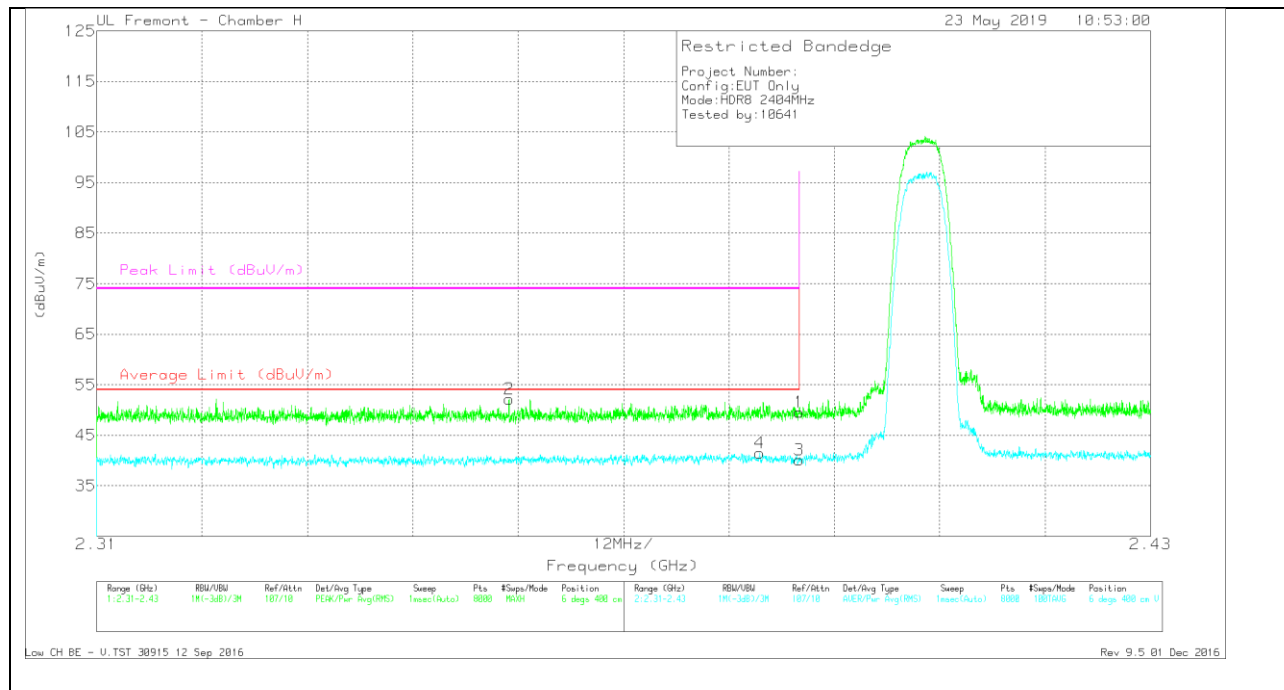
Pk - Peak detector

RMS - RMS detection

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## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.49                | Pk  | 31.6           | -23.5                   | 49.59                      | -                      | -           | 74                  | -24.41         | 6              | 400         | V        |
| 2      | * 2.357         | 44.39                | Pk  | 31.4           | -23.6                   | 52.19                      | -                      | -           | 74                  | -21.81         | 6              | 400         | V        |
| 3      | * 2.39          | 31.97                | RMS | 31.6           | -23.5                   | 40.07                      | 54                     | -13.93      | -                   | -              | 6              | 400         | V        |
| 4      | * 2.386         | 33.43                | RMS | 31.6           | -23.5                   | 41.53                      | 54                     | -12.47      | -                   | -              | 6              | 400         | V        |

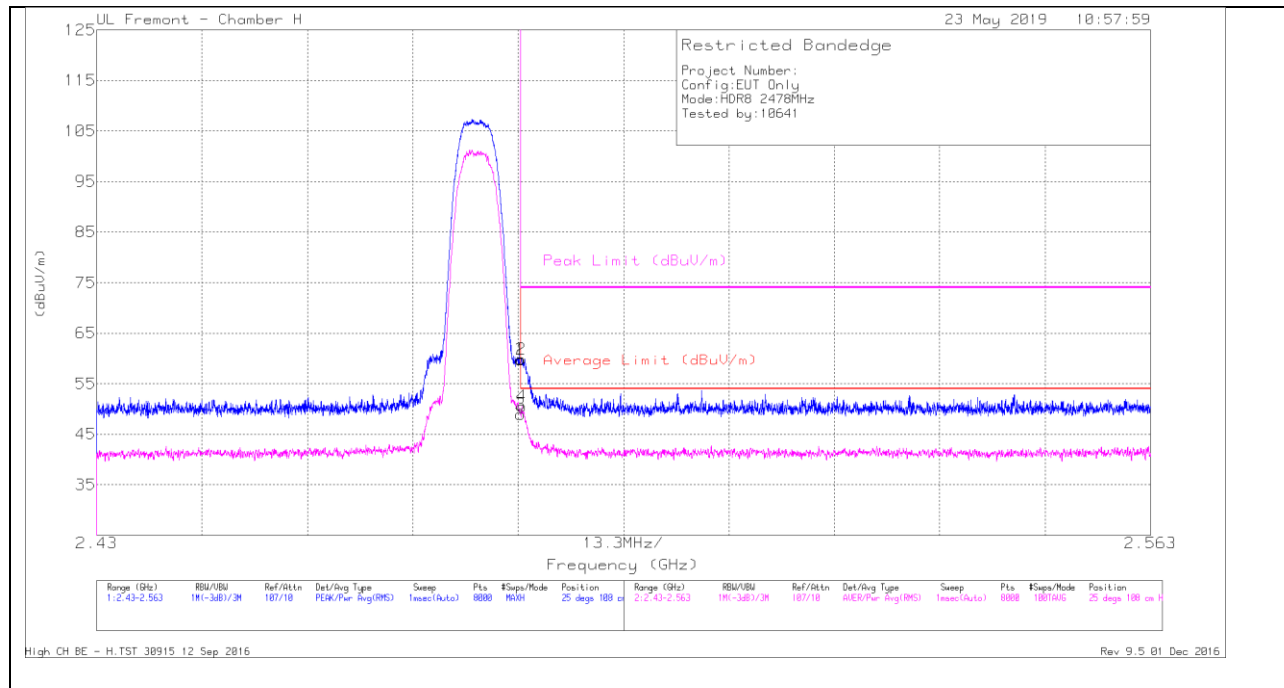
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.76                | Pk  | 32.3           | -23.3                  | 59.76                      | -                      | -           | 74                  | -14.24         | 25             | 108         | H        |
| 2      | * 2.484         | 50.88                | Pk  | 32.3           | -23.3                  | 59.88                      | -                      | -           | 74                  | -14.12         | 25             | 108         | H        |
| 3      | * 2.484         | 39.97                | RMS | 32.3           | -23.3                  | 48.97                      | 54                     | -5.03       | -                   | -              | 25             | 108         | H        |
| 4      | * 2.484         | 41.53                | RMS | 32.3           | -23.3                  | 50.53                      | 54                     | -3.47       | -                   | -              | 25             | 108         | H        |

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

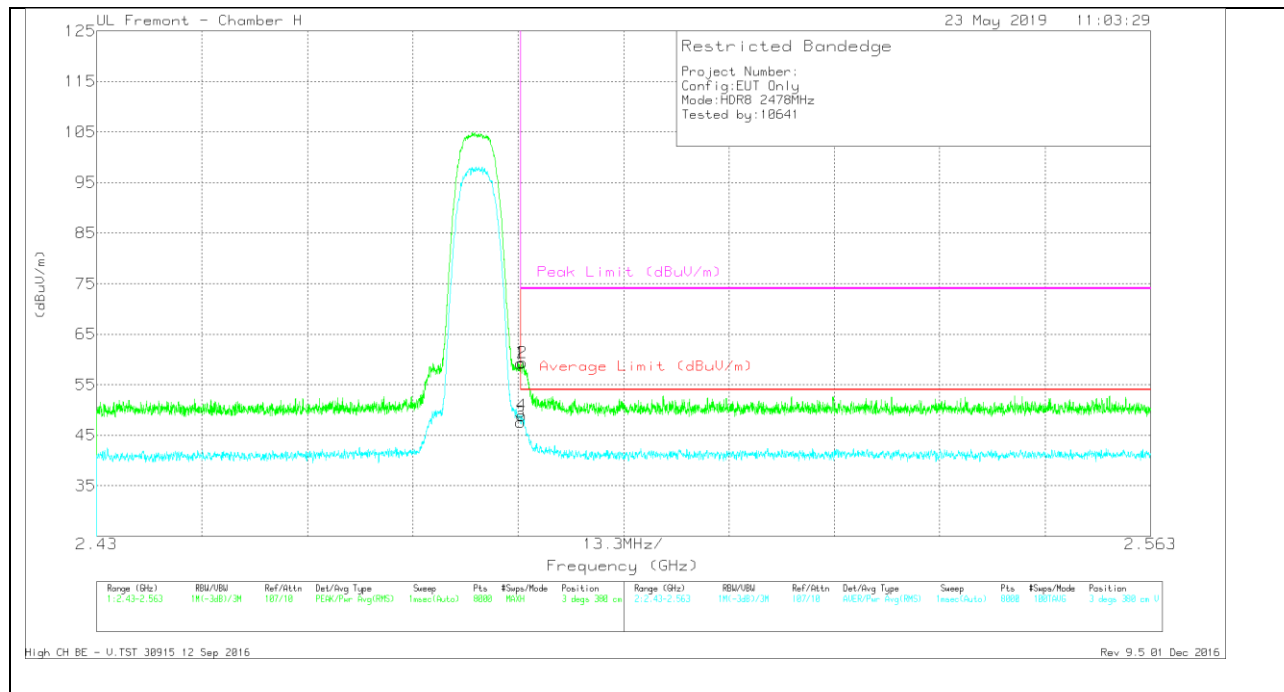
Pk - Peak detector

RMS - RMS detection

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## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.19                | Pk  | 32.3           | -23.3                    | 59.19                      | -                      | -           | 74                  | -14.81         | 3              | 380         | V        |
| 2      | * 2.484         | 50.35                | Pk  | 32.3           | -23.3                    | 59.35                      | -                      | -           | 74                  | -14.65         | 3              | 380         | V        |
| 3      | * 2.484         | 38.54                | RMS | 32.3           | -23.3                    | 47.54                      | 54                     | -6.46       | -                   | -              | 3              | 380         | V        |
| 4      | * 2.484         | 39.95                | RMS | 32.3           | -23.3                    | 48.95                      | 54                     | -5.05       | -                   | -              | 3              | 380         | V        |

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

Pk - Peak detector

RMS - RMS detection

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