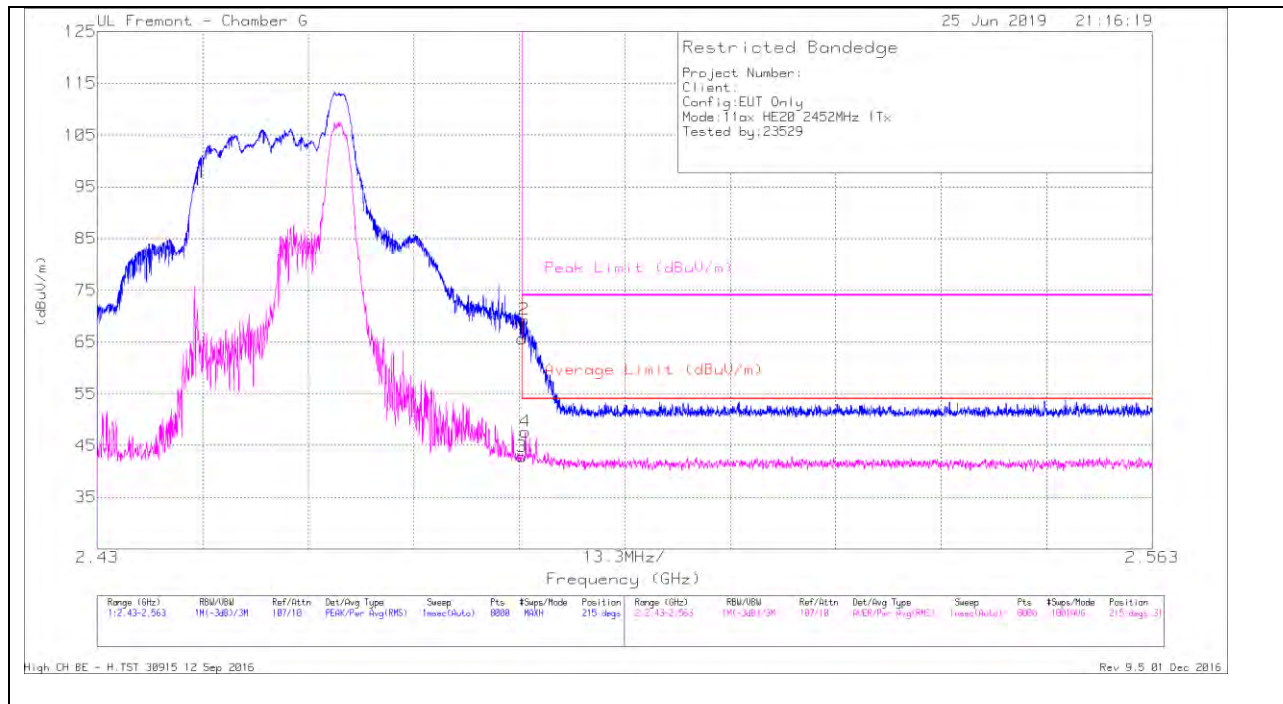


**ANTENNA 3 LEGACY SISO MODE: 26-Tones, RU Index 8**

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

**HORIZONTAL RESULT**



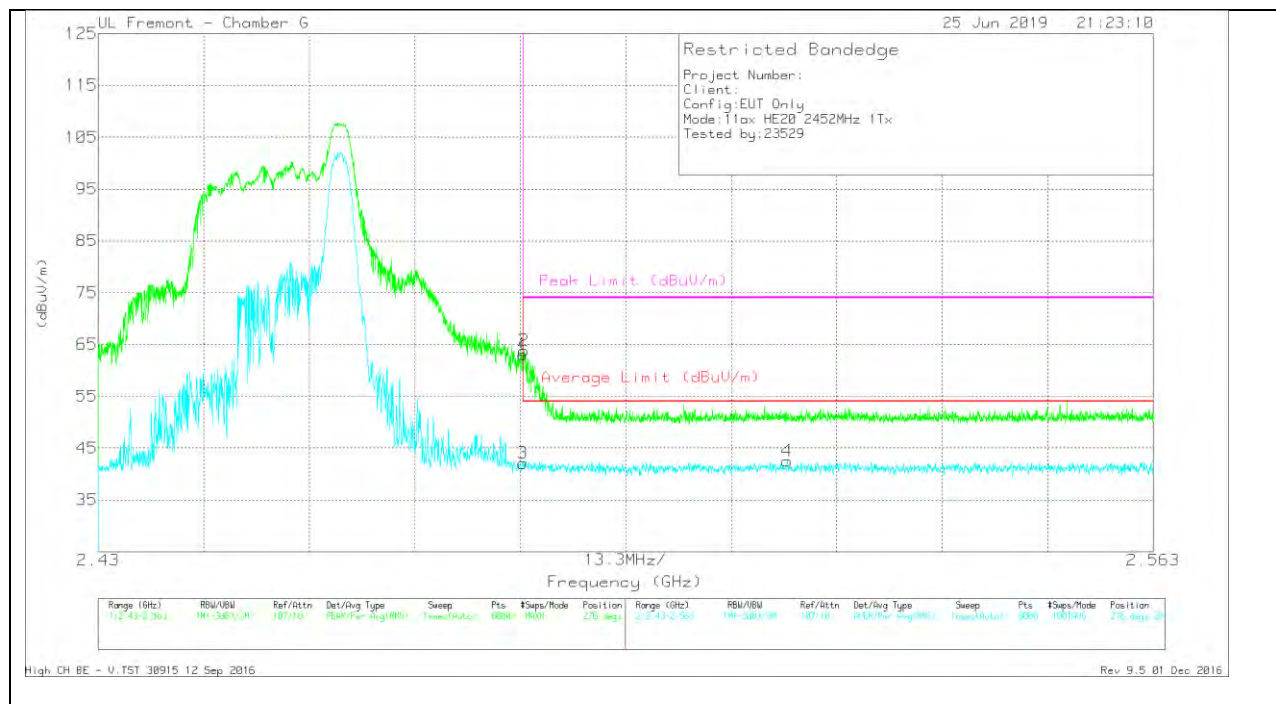
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.32                | Pk  | 32.4           | -22.1                   | 65.62                      | -                      | -           | 74                  | -8.38          | 215            | 317         | H        |
| 2      | * 2.484         | 59.01                | Pk  | 32.4           | -22.1                   | 69.31                      | -                      | -           | 74                  | -4.69          | 215            | 317         | H        |
| 3      | * 2.484         | 32.55                | RMS | 32.4           | -22.1                   | 42.85                      | 54                     | -11.15      | -                   | -              | 215            | 317         | H        |
| 4      | * 2.484         | 37.36                | RMS | 32.4           | -22.1                   | 47.66                      | 54                     | -6.34       | -                   | -              | 215            | 317         | 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 T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.79                | Pk  | 32.4           | -22.1                   | 63.09                      | -                      | -           | 74                  | -10.91         | 276            | 287         | V        |
| 2      | * 2.484         | 53.49                | Pk  | 32.4           | -22.1                   | 63.79                      | -                      | -           | 74                  | -10.21         | 276            | 287         | V        |
| 3      | * 2.484         | 31.79                | RMS | 32.4           | -22.1                   | 42.09                      | 54                     | -11.91      | -                   | -              | 276            | 287         | V        |
| 4      | 2.517           | 32.32                | RMS | 32.4           | -22.2                   | 42.52                      | 54                     | -11.48      | -                   | -              | 276            | 287         | V        |

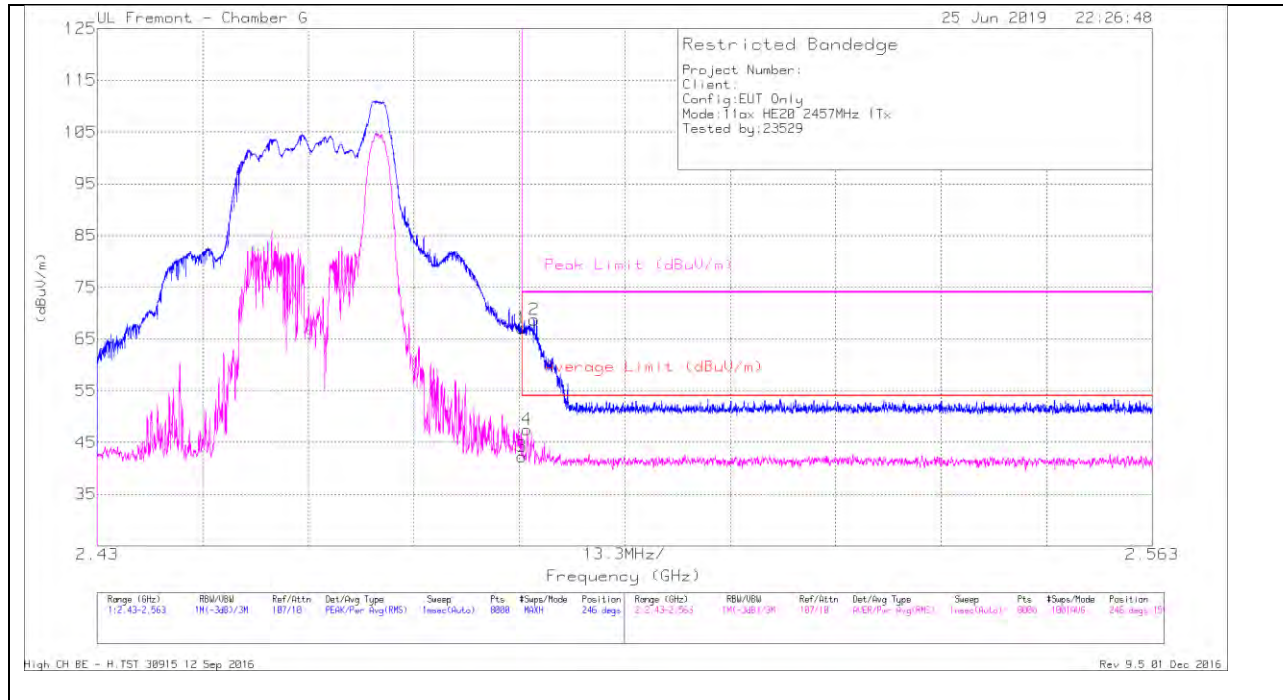
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



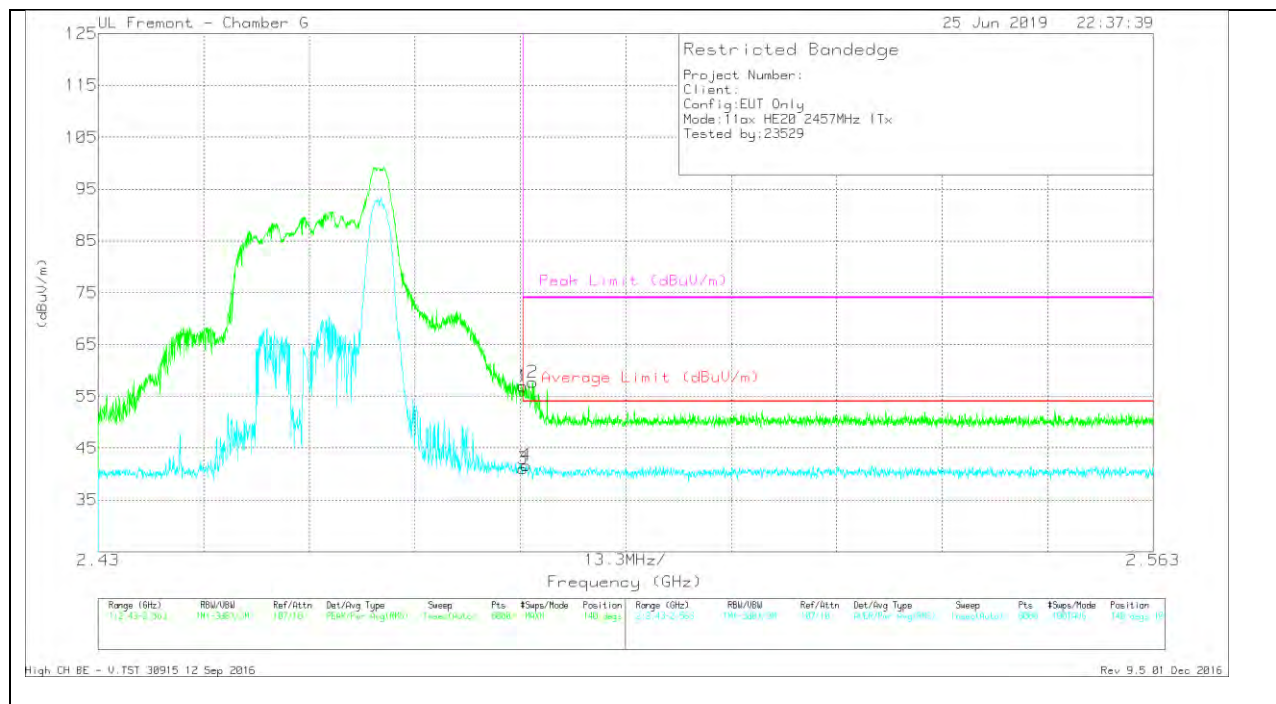
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.77                | Pk  | 32.4           | -22.1                   | 67.07                      | -                      | -           | 74                  | -6.93          | 246            | 159         | H        |
| 2      | * 2.485         | 58.53                | Pk  | 32.4           | -22.2                   | 68.73                      | -                      | -           | 74                  | -5.27          | 246            | 159         | H        |
| 3      | * 2.484         | 31.97                | RMS | 32.4           | -22.1                   | 42.27                      | 54                     | -11.73      | -                   | -              | 246            | 159         | H        |
| 4      | * 2.484         | 37.22                | RMS | 32.4           | -22.1                   | 47.52                      | 54                     | -6.48       | -                   | -              | 246            | 159         | 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 T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 46.67                | Pk  | 32.4           | -22.1                   | 56.97                      | -                      | -           | 74                  | -17.03         | 140            | 101         | V        |
| 2      | * 2.485         | 47.41                | Pk  | 32.4           | -22.1                   | 57.71                      | -                      | -           | 74                  | -16.29         | 140            | 101         | V        |
| 3      | * 2.484         | 30.76                | RMS | 32.4           | -22.1                   | 41.06                      | 54                     | -12.94      | -                   | -              | 140            | 101         | V        |
| 4      | * 2.484         | 31.38                | RMS | 32.4           | -22.1                   | 41.68                      | 54                     | -12.32      | -                   | -              | 140            | 101         | V        |

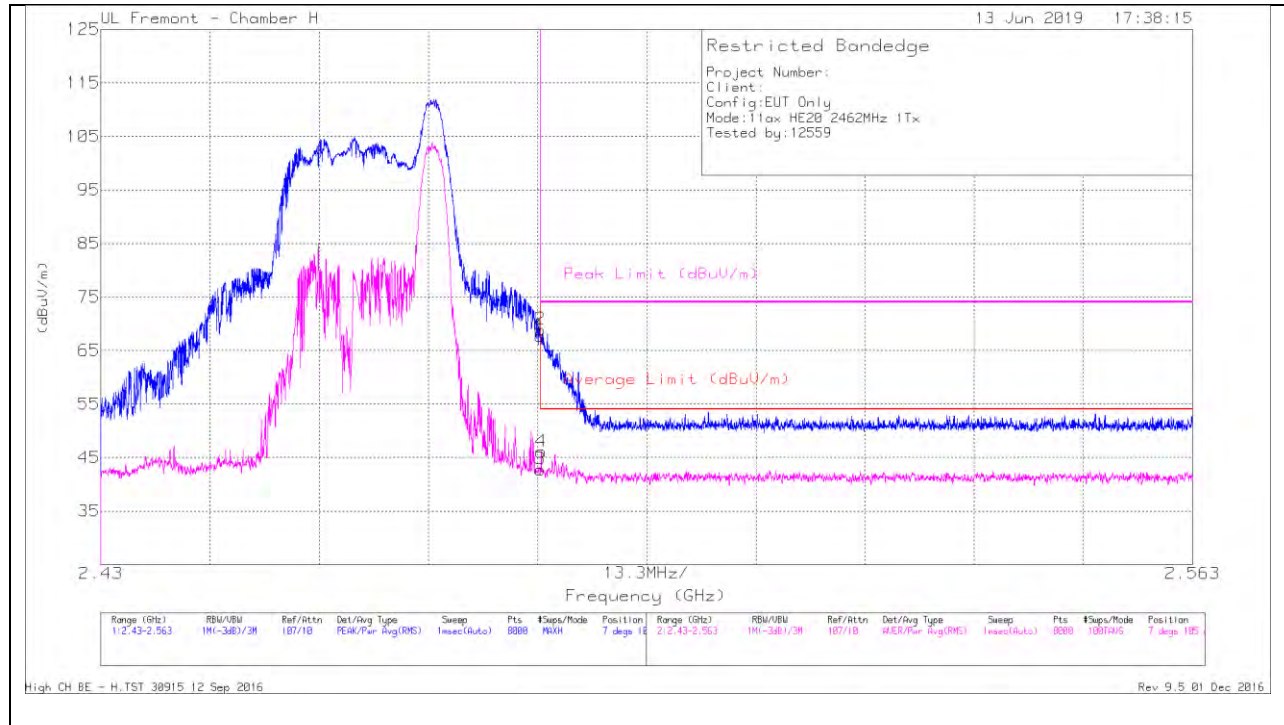
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



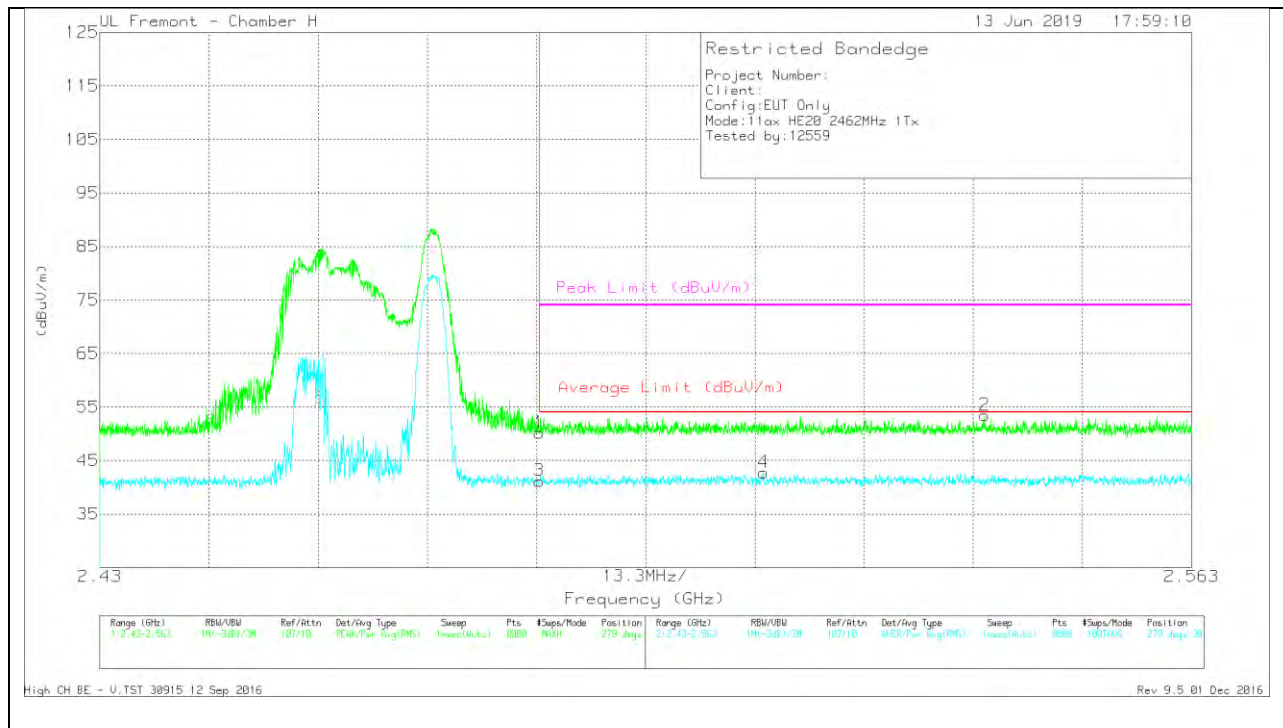
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FiltriP ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 58.48                | Pk  | 32.5           | -23.3                   | 67.68                      | -                      | -           | 74                  | -6.32          | 7              | 105         | H        |
| 2      | * 2.484         | 59.75                | Pk  | 32.5           | -23.3                   | 68.95                      | -                      | -           | 74                  | -5.05          | 7              | 105         | H        |
| 3      | * 2.484         | 33.58                | RMS | 32.5           | -23.3                   | 42.78                      | 54                     | -11.22      | -                   | -              | 7              | 105         | H        |
| 4      | * 2.484         | 36.89                | RMS | 32.5           | -23.3                   | 46.09                      | 54                     | -7.91       | -                   | -              | 7              | 105         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 40.97                | Pk  | 32.5           | -23.3                   | 50.17                      | -                      | -           | 74                  | -23.83         | 279            | 301         | V        |
| 3      | * 2.484         | 32                   | RMS | 32.5           | -23.3                   | 41.2                       | 54                     | -12.8       | -                   | -              | 279            | 301         | V        |
| 4      | 2.511           | 33.45                | RMS | 32.6           | -23.3                   | 42.75                      | 54                     | -11.25      | -                   | -              | 279            | 301         | V        |
| 2      | 2.538           | 44.06                | Pk  | 32.5           | -23.1                   | 53.46                      | -                      | -           | 74                  | -20.54         | 279            | 301         | V        |

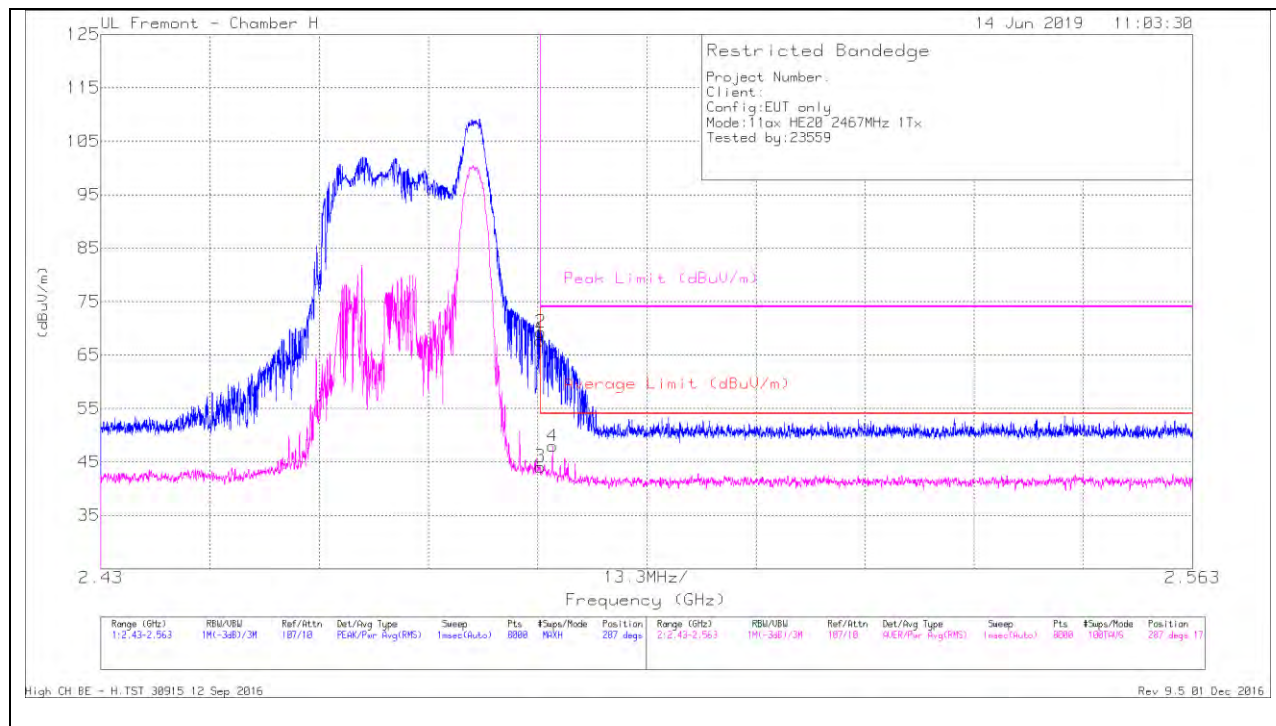
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANEDGE (HIGH CHANNEL, CH 12)

### HORIZONTAL RESULT



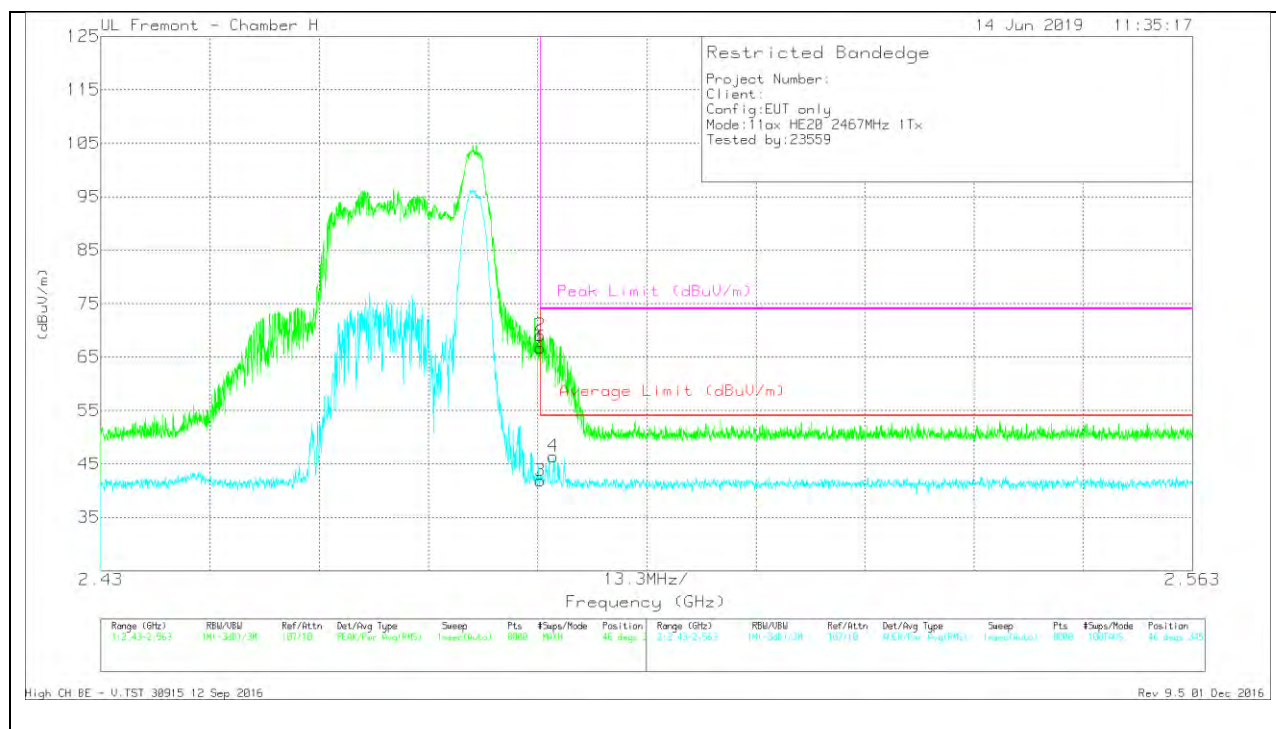
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 58.52                | PK  | 32.5           | -23.3                   | 67.72                      | -                      | -           | 74                  | -6.28          | 287            | 171         | H        |
| 2      | * 2.484         | 60.08                | PK  | 32.5           | -23.3                   | 69.28                      | -                      | -           | 74                  | -4.72          | 287            | 171         | H        |
| 3      | * 2.484         | 34.9                 | RMS | 32.5           | -23.3                   | 44.1                       | 54                     | -9.9        | -                   | -              | 287            | 171         | H        |
| 4      | * 2.485         | 38.74                | RMS | 32.5           | -23.3                   | 47.94                      | 54                     | -6.06       | -                   | -              | 287            | 171         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



|   | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.484         | 57.51                | Pk  | 32.5           | -23.3                   | 66.71                      | -                      | -           | 74                  | -7.29          | 46             | 345         | V        |
| 2 | * 2.484         | 59.83                | PK  | 32.5           | -23.3                   | 69.03                      | -                      | -           | 74                  | -4.97          | 46             | 345         | V        |
| 3 | * 2.484         | 32.67                | RMS | 32.5           | -23.3                   | 41.87                      | 54                     | -12.13      | -                   | -              | 46             | 345         | V        |
| 4 | * 2.485         | 37.23                | RMS | 32.5           | -23.3                   | 46.43                      | 54                     | -7.57       | -                   | -              | 46             | 345         | V        |

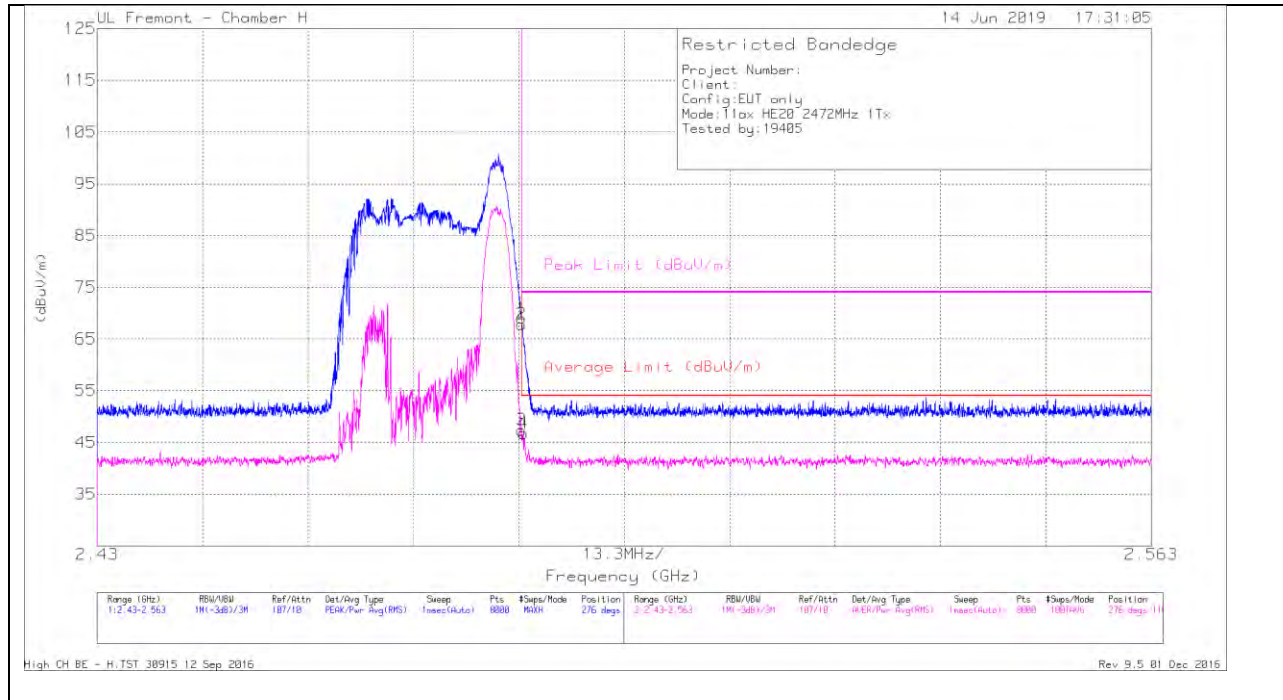
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



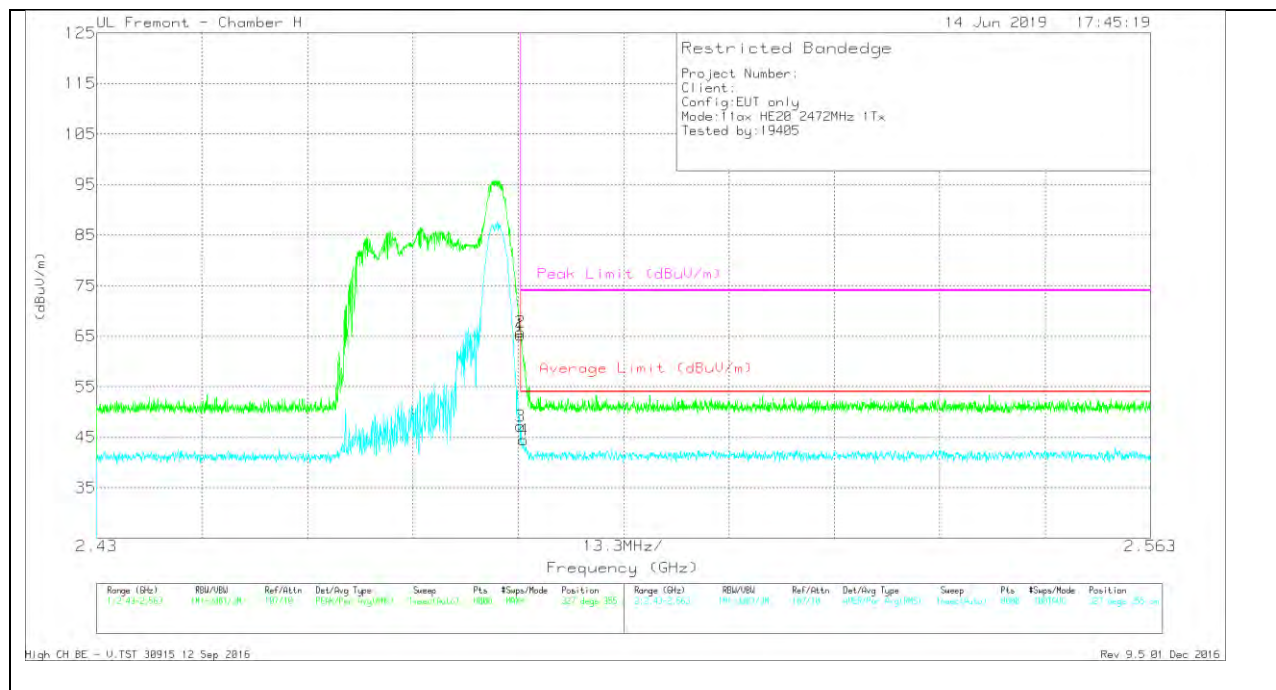
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 59.8                 | Pk  | 32.5           | -23.3                   | 69                         | -                      | -           | 74                  | -5             | 276            | 110         | H        |
| 2      | * 2.484         | 58.66                | Pk  | 32.5           | -23.3                   | 67.86                      | -                      | -           | 74                  | -6.14          | 276            | 110         | H        |
| 3      | * 2.484         | 38.21                | RMS | 32.5           | -23.3                   | 47.41                      | 54                     | -6.59       | -                   | -              | 276            | 110         | H        |
| 4      | * 2.484         | 37.55                | RMS | 32.5           | -23.3                   | 46.75                      | 54                     | -7.25       | -                   | -              | 276            | 110         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.05                | Pk  | 32.5           | -23.3                   | 65.25                      | -                      | -           | 74                  | -8.75          | 327            | 355         | V        |
| 2      | * 2.484         | 56.62                | Pk  | 32.5           | -23.3                   | 65.82                      | -                      | -           | 74                  | -8.18          | 327            | 355         | V        |
| 3      | * 2.484         | 38.03                | RMS | 32.5           | -23.3                   | 47.23                      | 54                     | -6.77       | -                   | -              | 327            | 355         | V        |
| 4      | * 2.484         | 35.26                | RMS | 32.5           | -23.3                   | 44.46                      | 54                     | -9.54       | -                   | -              | 327            | 355         | V        |

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

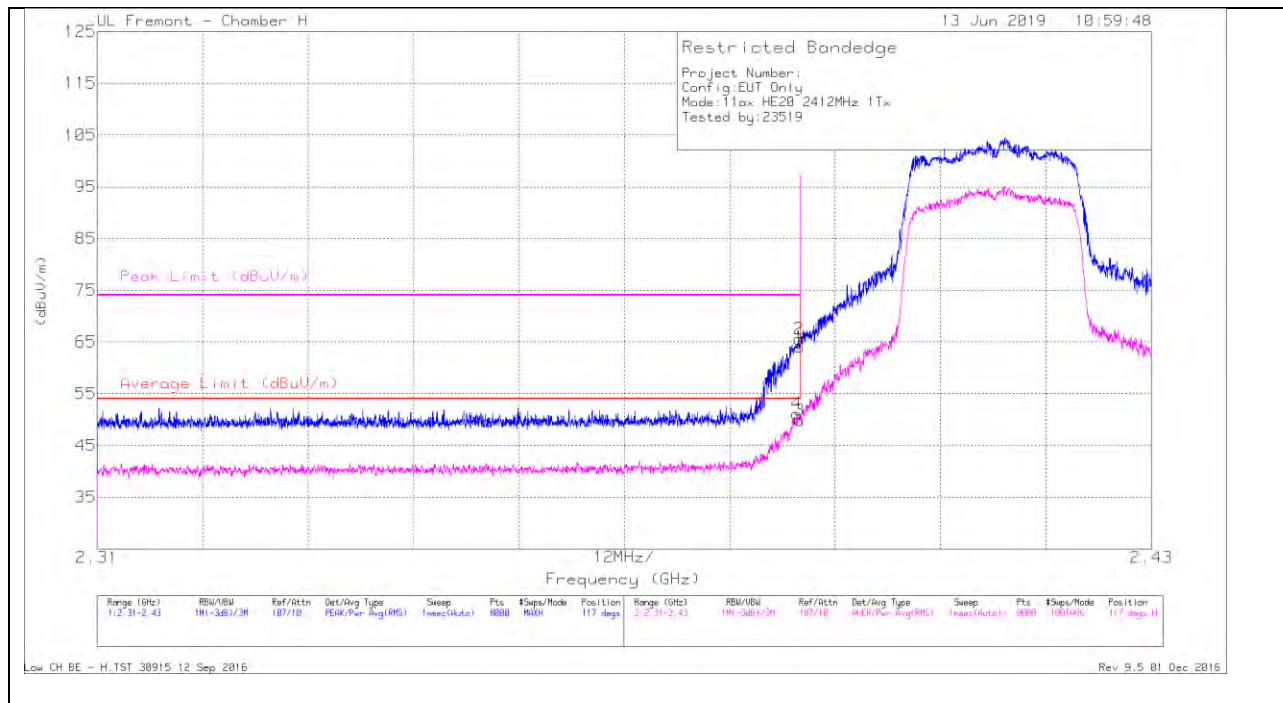
Pk - Peak detector

RMS - RMS detection

**ANTENNA 3 LEGACY SISO MODE: 242-Tones, RU Index 61**

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

**HORIZONTAL RESULT**



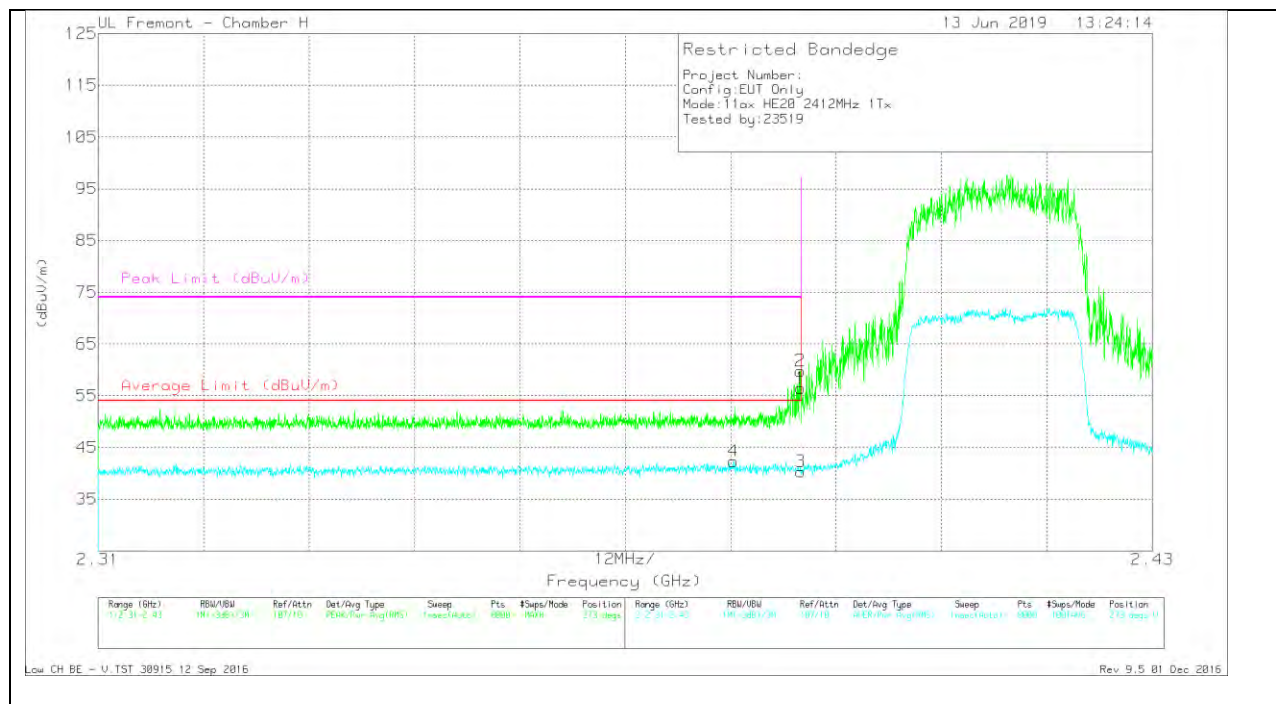
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.4                 | Pk  | 32.1           | -23.5                   | 64                         | -                      | -           | 74                  | -10            | 117            | 378         | H        |
| 2      | * 2.39          | 56.96                | Pk  | 32.1           | -23.5                   | 65.56                      | -                      | -           | 74                  | -8.44          | 117            | 378         | H        |
| 3      | * 2.39          | 41.26                | RMS | 32.1           | -23.5                   | 49.86                      | 54                     | -4.14       | -                   | -              | 117            | 378         | H        |
| 4      | * 2.39          | 42.53                | RMS | 32.1           | -23.5                   | 51.13                      | 54                     | -2.87       | -                   | -              | 117            | 378         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 47.85                | Pk  | 32.1           | -23.5                  | 56.45                      | -                      | -           | 74                  | -17.55         | 273            | 160         | V        |
| 2      | * 2.39          | 51.19                | Pk  | 32.1           | -23.5                  | 59.79                      | -                      | -           | 74                  | -14.21         | 273            | 160         | V        |
| 3      | * 2.39          | 31.73                | RMS | 32.1           | -23.5                  | 40.33                      | 54                     | -13.67      | -                   | -              | 273            | 160         | V        |
| 4      | * 2.382         | 33.62                | RMS | 32.2           | -23.5                  | 42.32                      | 54                     | -11.68      | -                   | -              | 273            | 160         | V        |

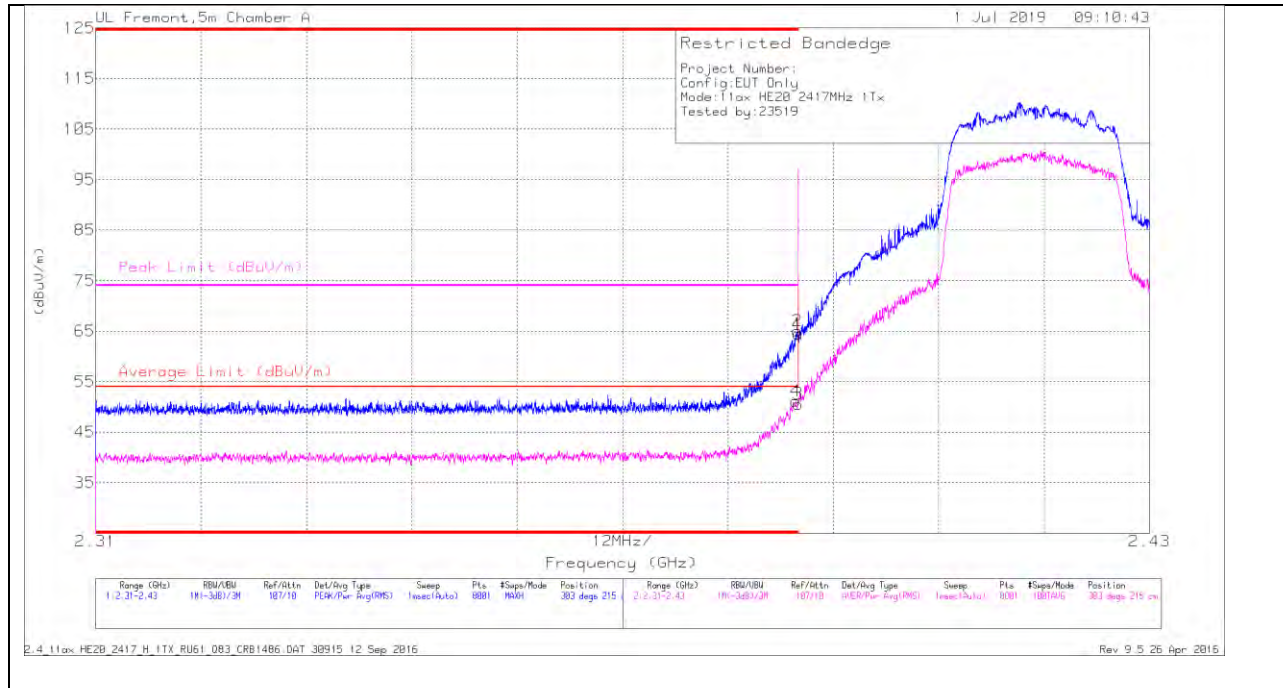
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.5                 | Pk  | 32.2           | -22.3                   | 64.4                       | -                      | -           | 74                  | -9.6           | 303            | 215         | H        |
| 2      | * 2.39          | 55.14                | Pk  | 32.2           | -22.3                   | 65.04                      | -                      | -           | 74                  | -8.96          | 303            | 215         | H        |
| 3      | * 2.39          | 40.7                 | RMS | 32.2           | -22.3                   | 50.6                       | 54                     | -3.4        | -                   | -              | 303            | 215         | H        |
| 4      | * 2.39          | 41.31                | RMS | 32.2           | -22.3                   | 51.21                      | 54                     | -2.79       | -                   | -              | 303            | 215         | H        |

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

Pk - Peak detector

RMS - RMS detection

UL Fremont, 5m Chamber A

Restricted Bandedge

Project Number:  
Config: EUT Only  
Mode: ITax HE20 2417MHz 1Tx  
Tested by: 23519

Peak Limit (dBUV/m)

Average Limit (dBUV/m)

Frequency (GHz)

| Range (GHz)  | RBW/ABW   | Ref/AltLn | Det/Avg Type     | Sweep          | PLA  | #Saps/Mode | Position | Range (GHz) | RBW/ABW   | Ref/AltLn | Det/Avg Type     | Sweep          | PLA  | #Saps/Mode | Position |
|--------------|-----------|-----------|------------------|----------------|------|------------|----------|-------------|-----------|-----------|------------------|----------------|------|------------|----------|
| 1.2-3.1-2.43 | 1M-3dB/10 | 107/10    | PKA/Pwr Avg (MS) | 1 sweep (Auto) | 1001 | 1001       | 1001     | 2.43-2.43   | 1M-3dB/10 | 107/10    | PKA/Pwr Avg (MS) | 1 sweep (Auto) | 1001 | 1001       | 1001     |

2.4 ITax HE20 2417 U 1TX RU61 083 CRB1486 DAT 38915 12 Sep 2016

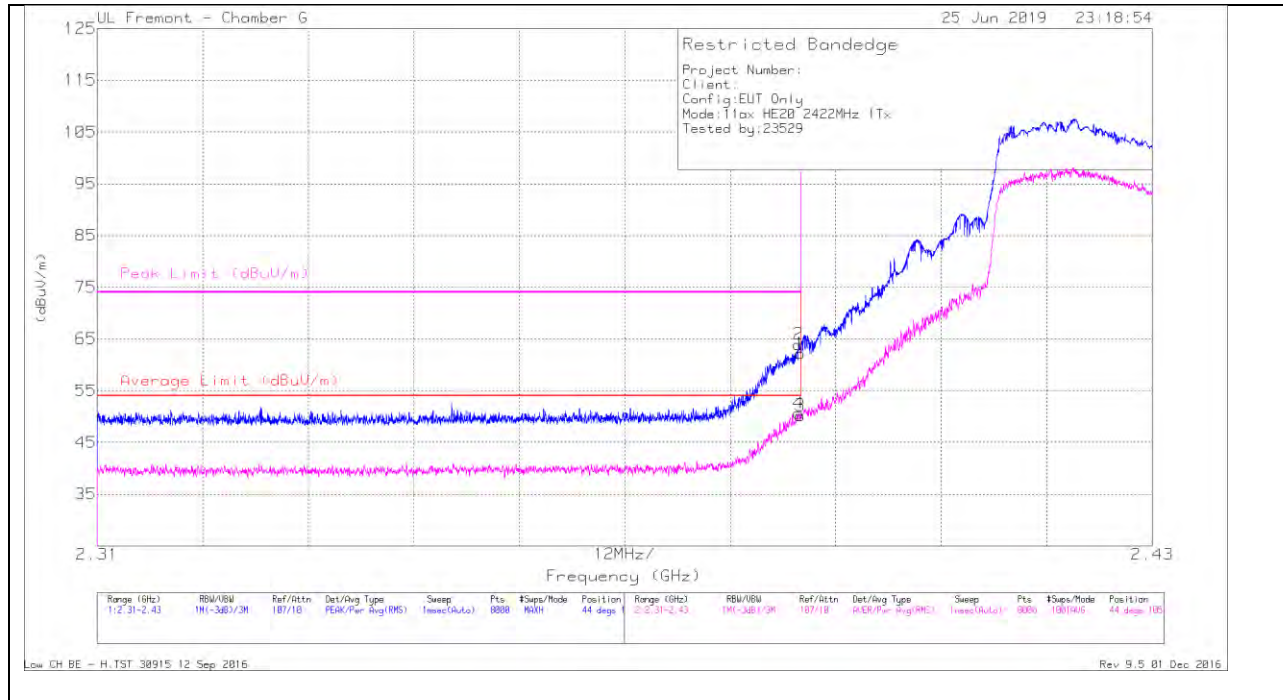
Rev 9 5 26 Apr 2016

| Marker | Frequency (GHz) | Meter Reading (dBUV) | Det | AF T346 (dB/m) | Amp/Cbl/Fitr/P ad (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Dogs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 2.389         | 49.35                | Pk  | 32.2           | -22.3                  | 59.25                      | -                      | -           | 74                  | -14.75         | 104            | 336         | V        |
| 1      | * 2.39          | 48.84                | Pk  | 32.2           | -22.3                  | 58.74                      | -                      | -           | 74                  | -15.26         | 104            | 336         | V        |
| 3      | * 2.39          | 35.5                 | RMS | 32.2           | -22.3                  | 45.4                       | 54                     | -8.6        | -                   | -              | 104            | 336         | V        |
| 4      | * 2.39          | 35.95                | RMS | 32.2           | -22.3                  | 45.85                      | 54                     | -8.15       | -                   | -              | 104            | 336         | V        |

Pk - Peak detector  
RMS - RMS detection

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

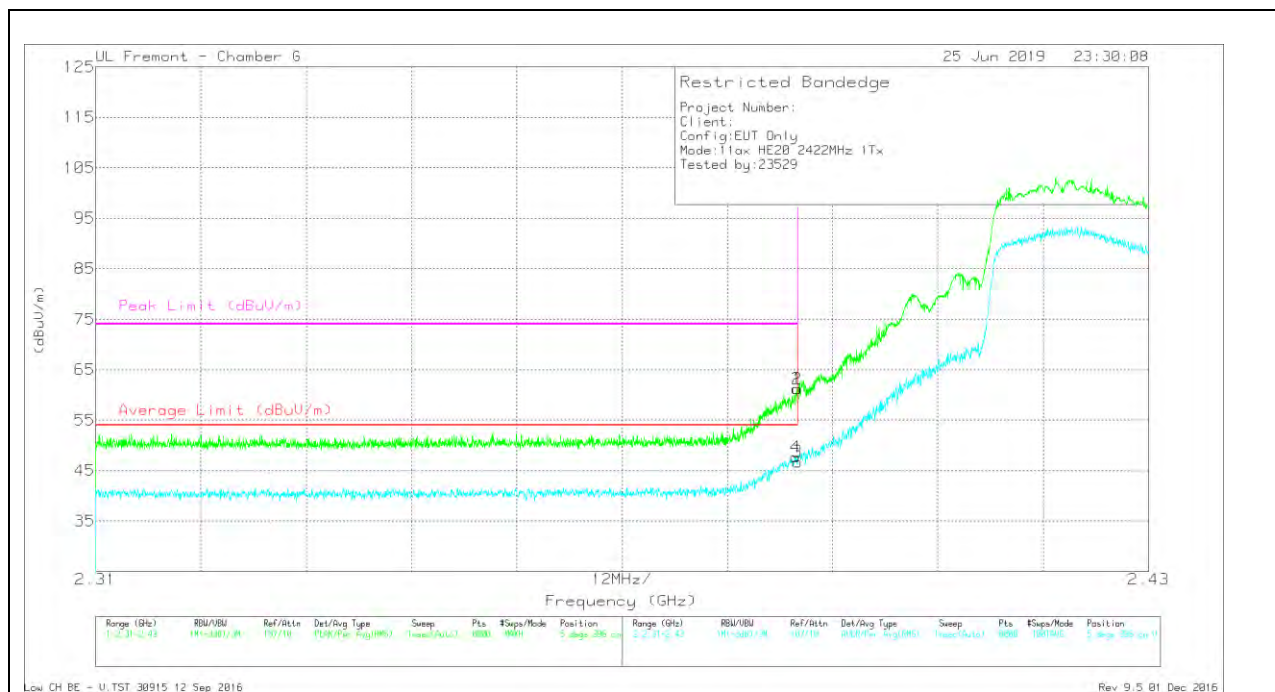
## **HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtri/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          | 52.49                | Pk  | 31.9           | -22.2                   | 62.19                      | -                      | -           | 74                  | -11.81         | 44             | 105         | H        |
| 2      | * 2.39          | 54.26                | Pk  | 31.9           | -22.2                   | 63.96                      | -                      | -           | 74                  | -10.04         | 44             | 105         | H        |
| 3      | * 2.39          | 40.49                | RMS | 31.9           | -22.2                   | 50.19                      | 54                     | -3.81       | -                   | -              | 44             | 105         | H        |
| 4      | * 2.39          | 40.92                | RMS | 31.9           | -22.2                   | 50.62                      | 54                     | -3.38       | -                   | -              | 44             | 105         | H        |

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

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Chl/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          | 51.53                | Pk  | 31.9           | -22.2                   | 61.23                      | -                      | -           | 74                  | -12.77         | 5              | 396         | V        |
| 2      | * 2.39          | 51.48                | Pk  | 31.9           | -22.2                   | 61.18                      | -                      | -           | 74                  | -12.82         | 5              | 396         | V        |
| 3      | * 2.39          | 37.05                | RMS | 31.9           | -22.2                   | 46.75                      | 54                     | -7.25       | -                   | -              | 5              | 396         | V        |
| 4      | * 2.39          | 37.95                | RMS | 31.9           | -22.2                   | 47.65                      | 54                     | -6.35       | -                   | -              | 5              | 396         | V        |

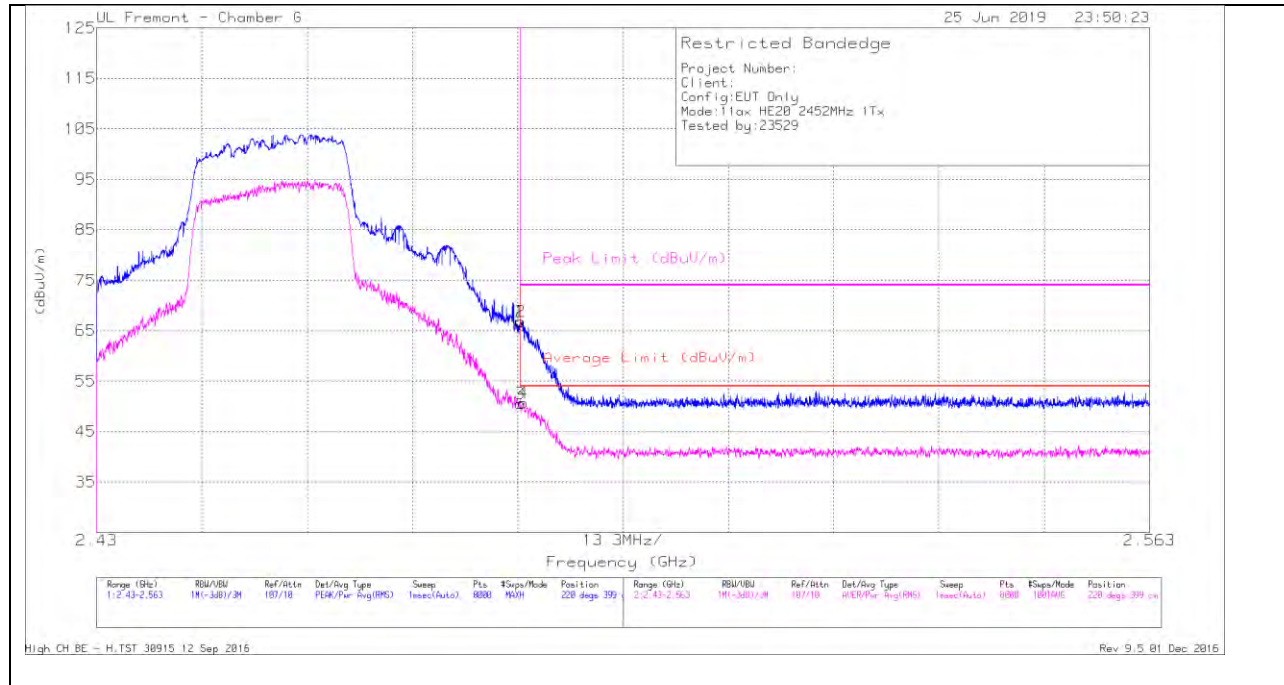
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



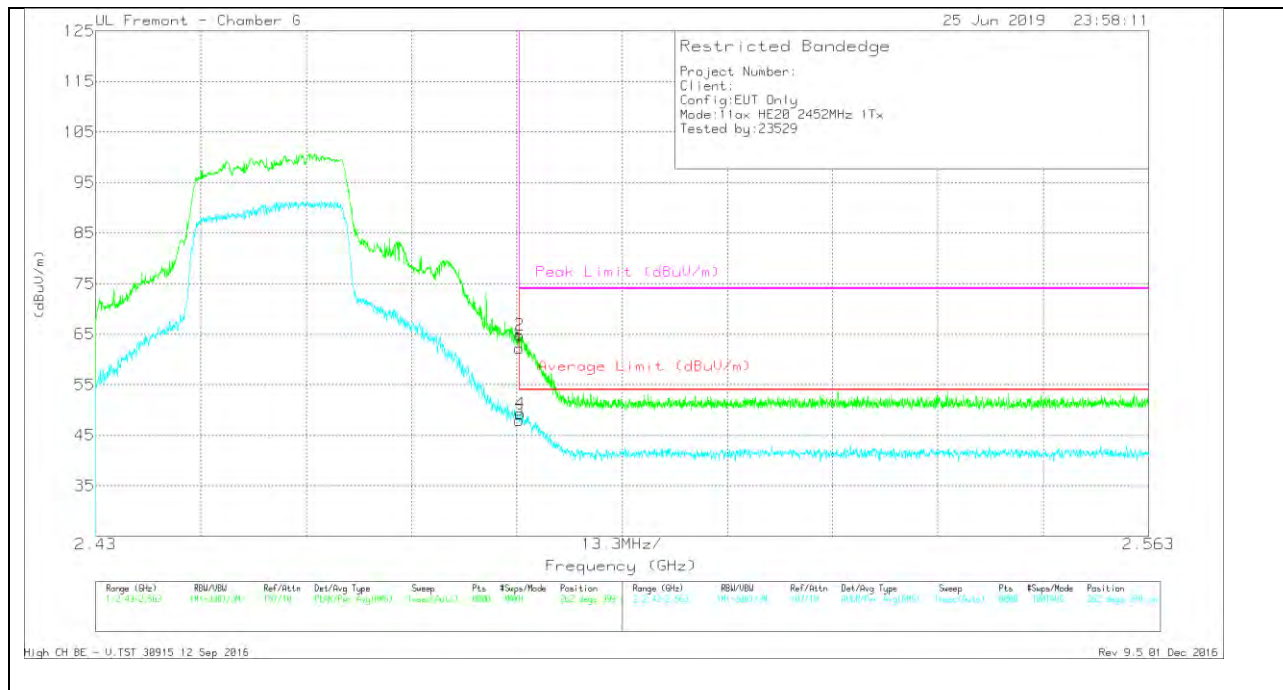
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtri/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 56.45                | Pk  | 32.4           | -22.1                   | 66.75                      | -                      | -           | 74                  | -7.25          | 220            | 399         | H        |
| 2      | * 2.484         | 56.53                | Pk  | 32.4           | -22.1                   | 66.83                      | -                      | -           | 74                  | -7.17          | 220            | 399         | H        |
| 3      | * 2.484         | 40.29                | RMS | 32.4           | -22.1                   | 50.59                      | 54                     | -3.41       | -                   | -              | 220            | 399         | H        |
| 4      | * 2.484         | 40.42                | RMS | 32.4           | -22.1                   | 50.72                      | 54                     | -3.28       | -                   | -              | 220            | 399         | 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 T120 (dB/m) | Amp/Chl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.9                 | Pk  | 32.4           | -22.1                   | 62.2                       | -                      | -           | 74                  | -11.8          | 262            | 399         | V        |
| 2      | * 2.484         | 54.54                | Pk  | 32.4           | -22.1                   | 64.84                      | -                      | -           | 74                  | -9.16          | 262            | 399         | V        |
| 3      | * 2.484         | 37.61                | RMS | 32.4           | -22.1                   | 47.91                      | 54                     | -6.09       | -                   | -              | 262            | 399         | V        |
| 4      | * 2.484         | 39.03                | RMS | 32.4           | -22.1                   | 49.33                      | 54                     | -4.67       | -                   | -              | 262            | 399         | V        |

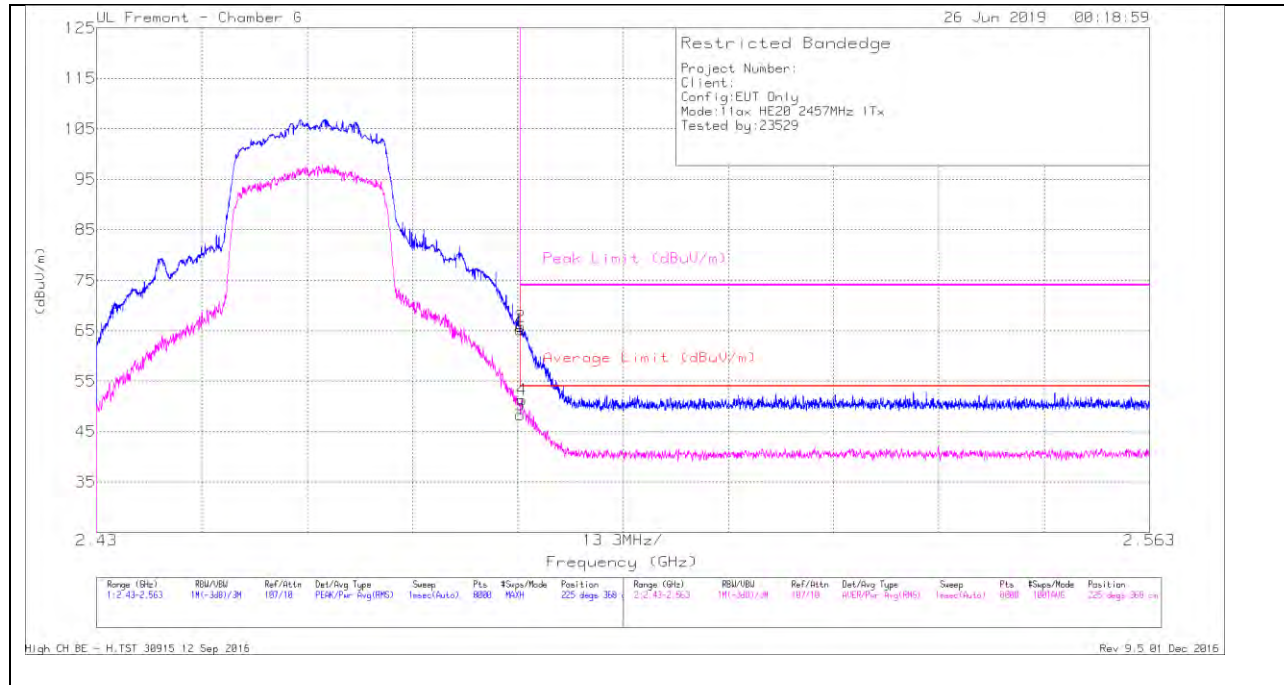
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



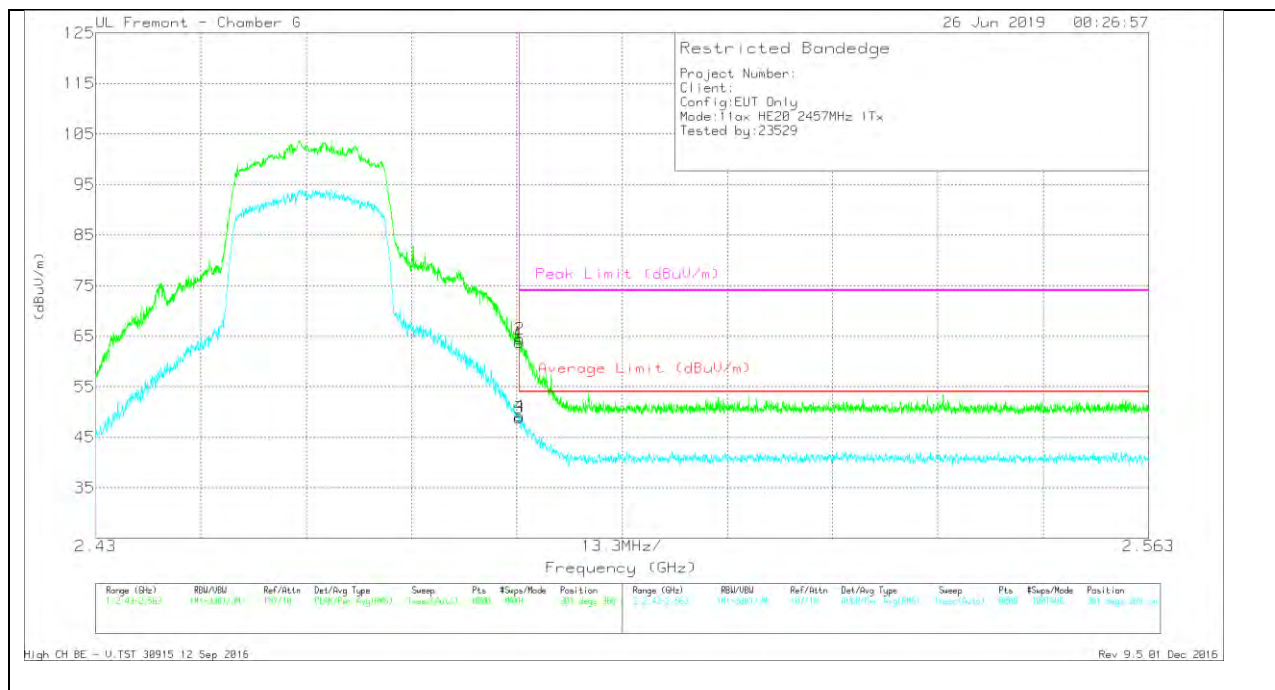
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.85                | Pk  | 32.4           | -22.1                   | 65.15                      | -                      | -           | 74                  | -8.85          | 225            | 368         | H        |
| 2      | * 2.484         | 55.47                | Pk  | 32.4           | -22.1                   | 65.77                      | -                      | -           | 74                  | -8.23          | 225            | 368         | H        |
| 3      | * 2.484         | 38.01                | RMS | 32.4           | -22.1                   | 48.31                      | 54                     | -5.69       | -                   | -              | 225            | 368         | H        |
| 4      | * 2.484         | 40.98                | RMS | 32.4           | -22.1                   | 51.28                      | 54                     | -2.72       | -                   | -              | 225            | 368         | 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 T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 53.37                | Pk  | 32.4           | -22.1                   | 63.67                      | -                      | -           | 74                  | -10.33         | 301            | 368         | V        |
| 2      | * 2.484         | 54.1                 | Pk  | 32.4           | -22.1                   | 64.4                       | -                      | -           | 74                  | -9.6           | 301            | 368         | V        |
| 3      | * 2.484         | 38.46                | RMS | 32.4           | -22.1                   | 48.76                      | 54                     | -5.24       | -                   | -              | 301            | 368         | V        |
| 4      | * 2.484         | 38.82                | RMS | 32.4           | -22.1                   | 49.12                      | 54                     | -4.88       | -                   | -              | 301            | 368         | V        |

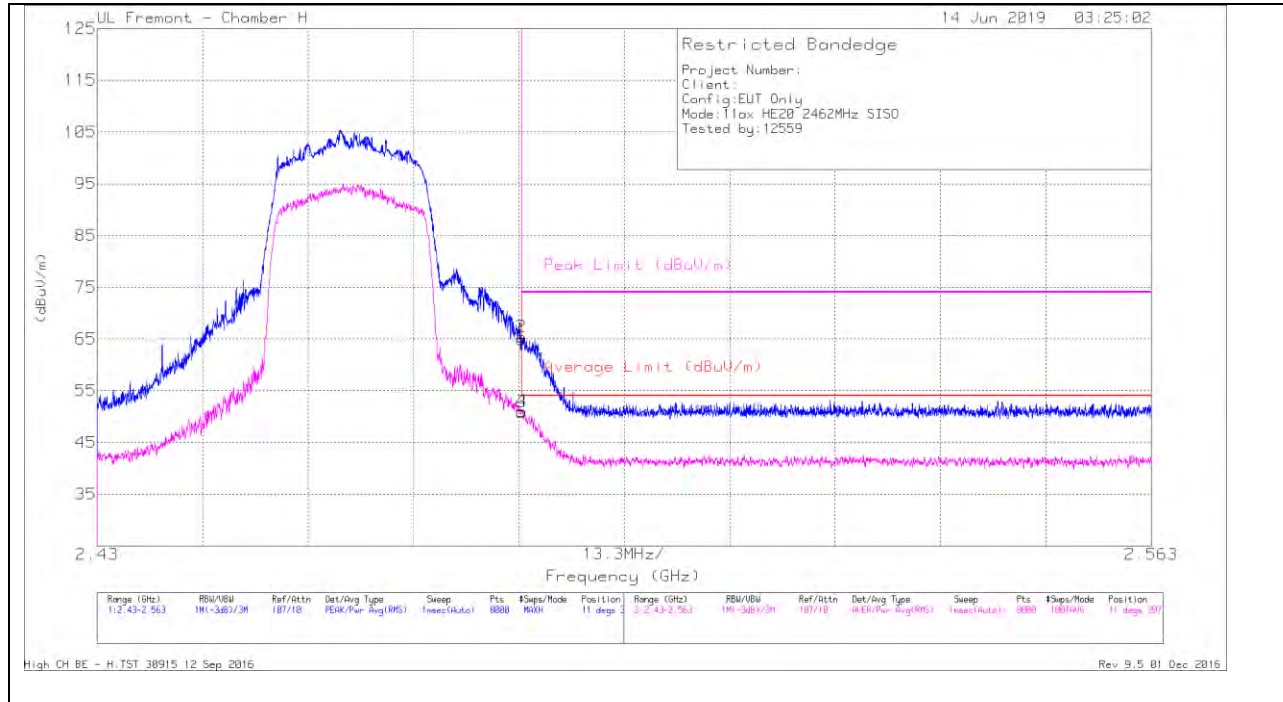
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 11)

### HORIZONTAL RESULT



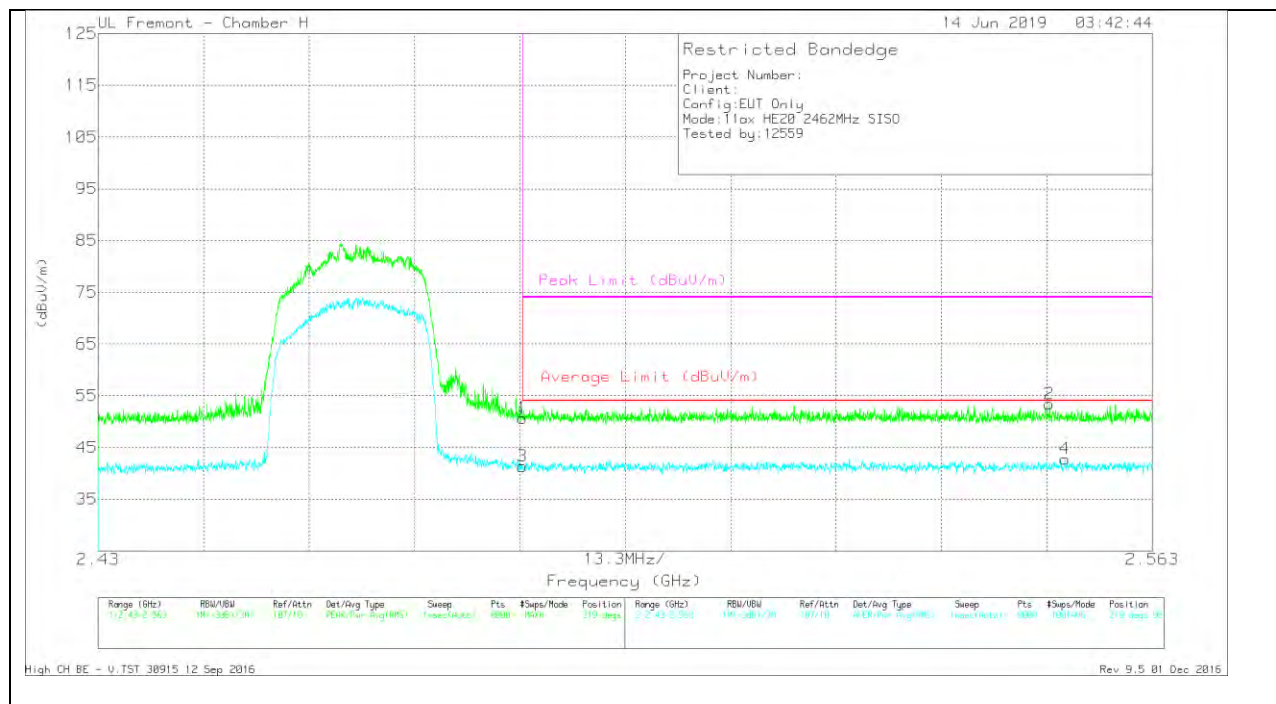
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.7                 | Pk  | 32.5           | -23.3                   | 64.9                       | -                      | -           | 74                  | -9.1           | 11             | 397         | H        |
| 2      | * 2.484         | 56.22                | Pk  | 32.5           | -23.3                   | 65.42                      | -                      | -           | 74                  | -8.58          | 11             | 397         | H        |
| 3      | * 2.484         | 41.64                | RMS | 32.5           | -23.3                   | 50.84                      | 54                     | -3.16       | -                   | -              | 11             | 397         | H        |
| 4      | * 2.484         | 41.82                | RMS | 32.5           | -23.3                   | 51.02                      | 54                     | -2.98       | -                   | -              | 11             | 397         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/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         | 41.48                | PK  | 32.5           | -23.3                  | 50.68                      | -                      | -           | 74                  | -23.32         | 219            | 98          | V        |
| 3      | * 2.484         | 32.15                | RMS | 32.5           | -23.3                  | 41.35                      | 54                     | -12.65      | -                   | -              | 219            | 98          | V        |
| 2      | 2.55            | 44.03                | PK  | 32.5           | -23.1                  | 53.43                      | -                      | -           | 74                  | -20.57         | 219            | 98          | V        |
| 4      | 2.552           | 33.48                | RMS | 32.5           | -23.2                  | 42.78                      | 54                     | -11.22      | -                   | -              | 219            | 98          | V        |

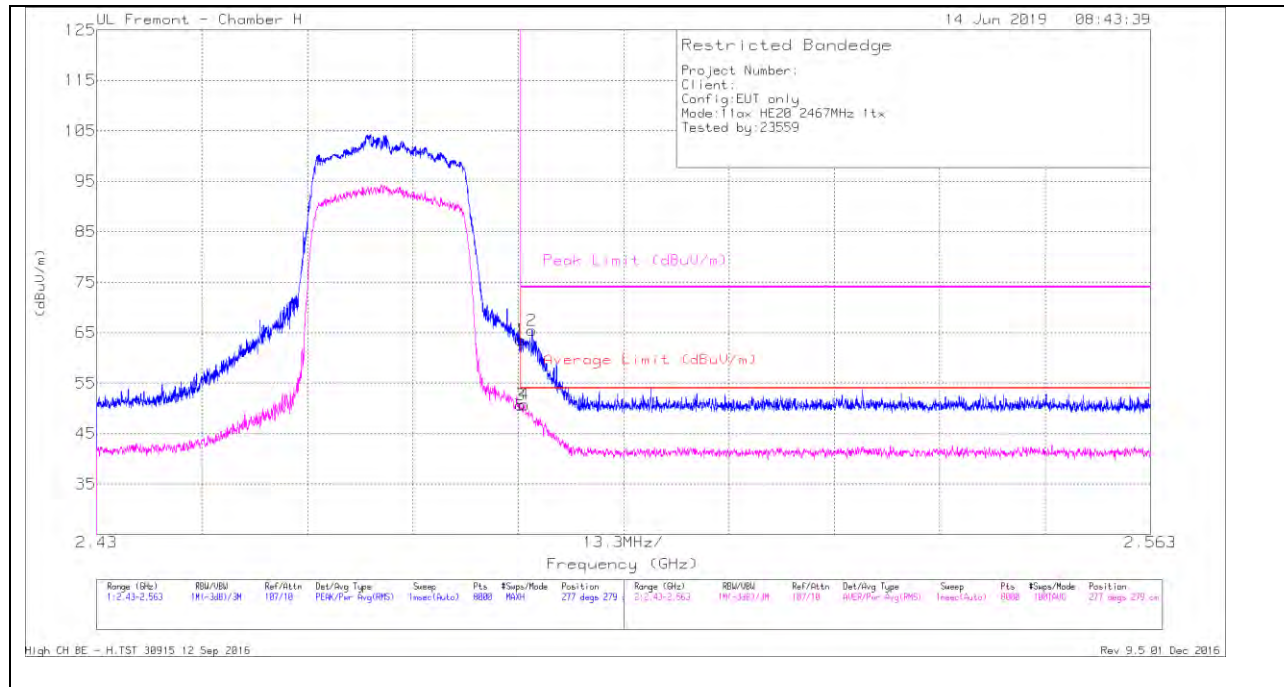
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 12)

### HORIZONTAL RESULT



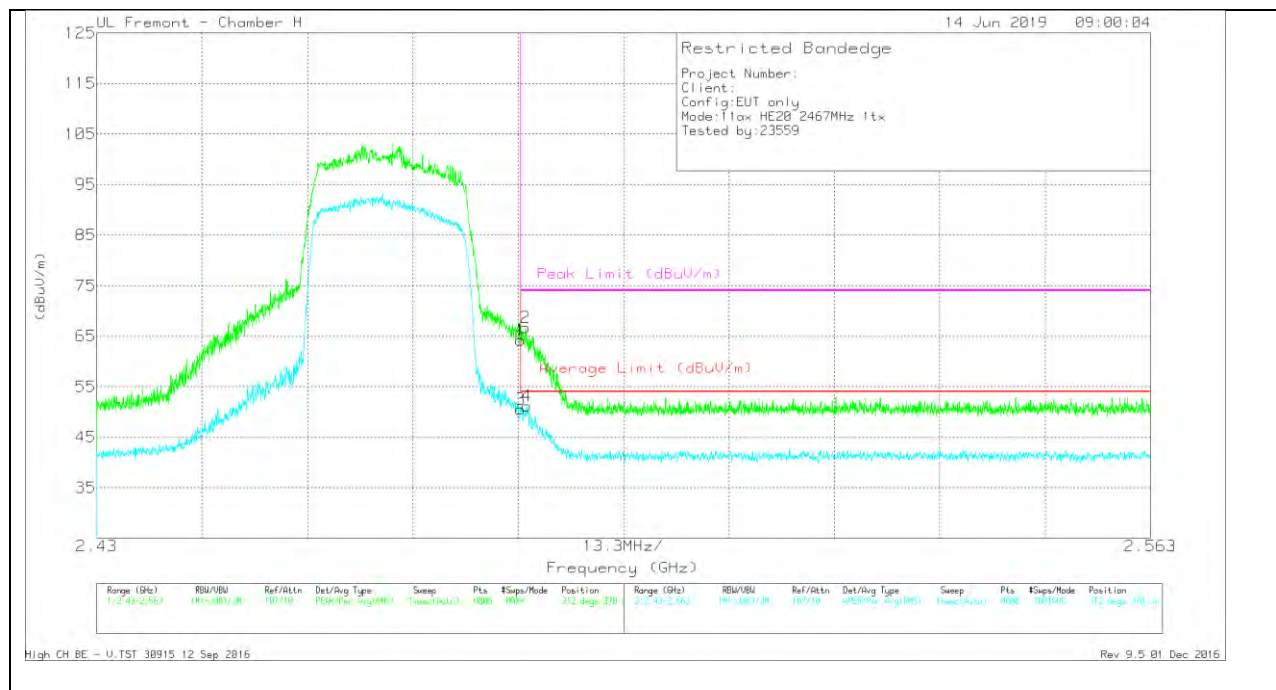
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.37                | Pk  | 32.5           | -23.3                   | 63.57                      | -                      | -           | 74                  | -10.43         | 277            | 279         | H        |
| 2      | * 2.485         | 56.22                | Pk  | 32.5           | -23.3                   | 65.42                      | -                      | -           | 74                  | -8.58          | 277            | 279         | H        |
| 3      | * 2.484         | 41.49                | RMS | 32.5           | -23.3                   | 50.69                      | 54                     | -3.31       | -                   | -              | 277            | 279         | H        |
| 4      | * 2.484         | 41.53                | RMS | 32.5           | -23.3                   | 50.73                      | 54                     | -3.27       | -                   | -              | 277            | 279         | 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 T663 (dBm) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.05                | Pk  | 32.5          | -23.3                  | 64.25                      | -                      | -           | 74                  | -9.75          | 312            | 370         | V        |
| 2      | * 2.484         | 57.47                | Pk  | 32.5          | -23.3                  | 66.67                      | -                      | -           | 74                  | -7.33          | 312            | 370         | V        |
| 3      | * 2.484         | 41.34                | RMS | 32.5          | -23.3                  | 50.54                      | 54                     | -3.46       | -                   | -              | 312            | 370         | V        |
| 4      | * 2.484         | 41.95                | RMS | 32.5          | -23.3                  | 51.15                      | 54                     | -2.85       | -                   | -              | 312            | 370         | V        |

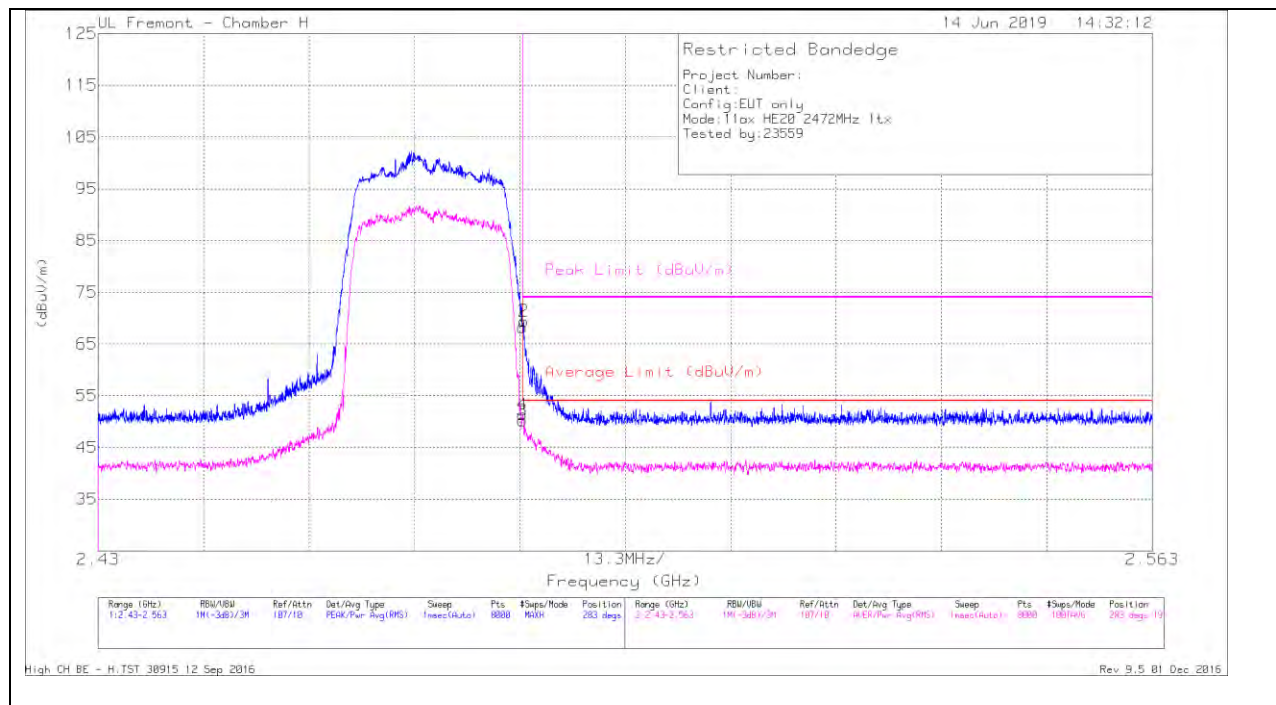
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 13)

### HORIZONTAL RESULT



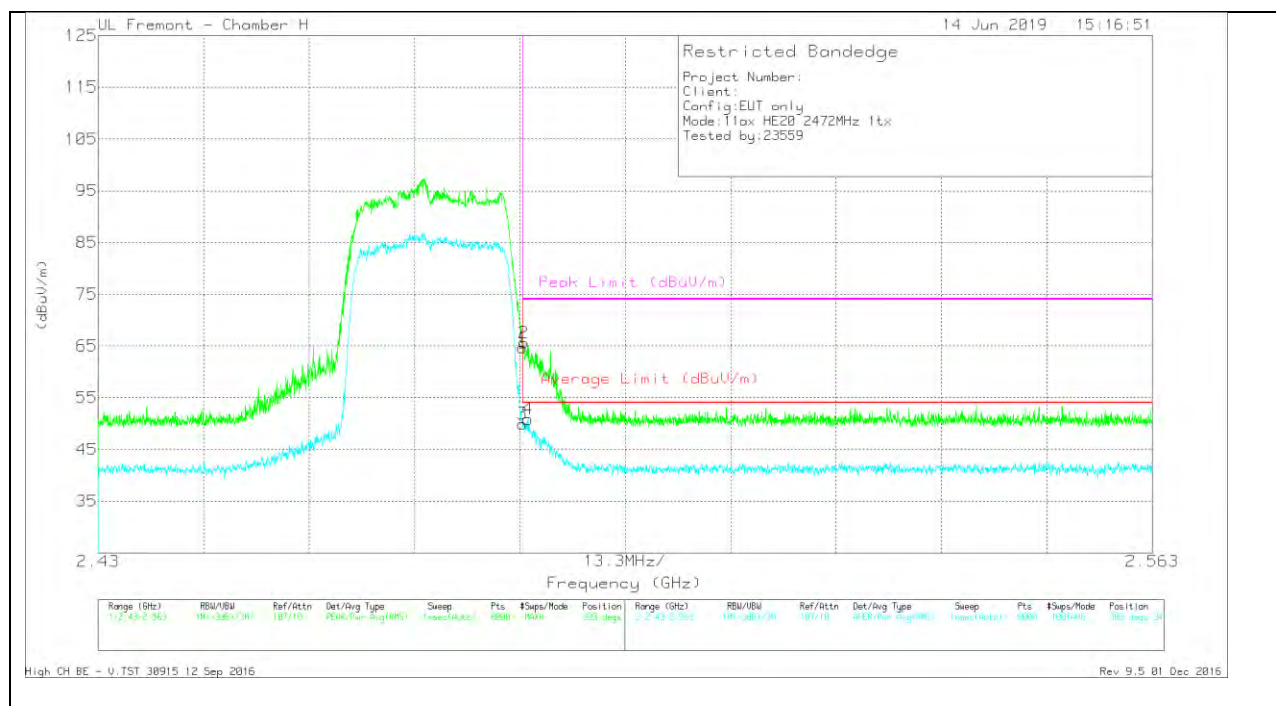
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 59.03                | Pk  | 32.5           | -23.3                   | 68.23                      | -                      | -           | 74                  | -5.77          | 283            | 197         | H        |
| 2      | * 2.484         | 60.19                | Pk  | 32.5           | -23.3                   | 69.39                      | -                      | -           | 74                  | -4.61          | 283            | 197         | H        |
| 3      | * 2.484         | 41.04                | RMS | 32.5           | -23.3                   | 50.24                      | 54                     | -3.76       | -                   | -              | 283            | 197         | H        |
| 4      | * 2.484         | 42.15                | RMS | 32.5           | -23.3                   | 51.35                      | 54                     | -2.65       | -                   | -              | 283            | 197         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.44                | Pk  | 32.5          | -23.3                   | 64.64                      | -                      | -           | 74                  | -9.36          | 303            | 347         | V        |
| 2      | * 2.484         | 56.39                | Pk  | 32.5          | -23.3                   | 65.59                      | -                      | -           | 74                  | -8.41          | 303            | 347         | V        |
| 3      | * 2.484         | 40.75                | RMS | 32.5          | -23.3                   | 49.95                      | 54                     | -4.05       | -                   | -              | 303            | 347         | V        |
| 4      | * 2.484         | 41.65                | RMS | 32.5          | -23.3                   | 50.85                      | 54                     | -3.15       | -                   | -              | 303            | 347         | V        |

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

Pk - Peak detector

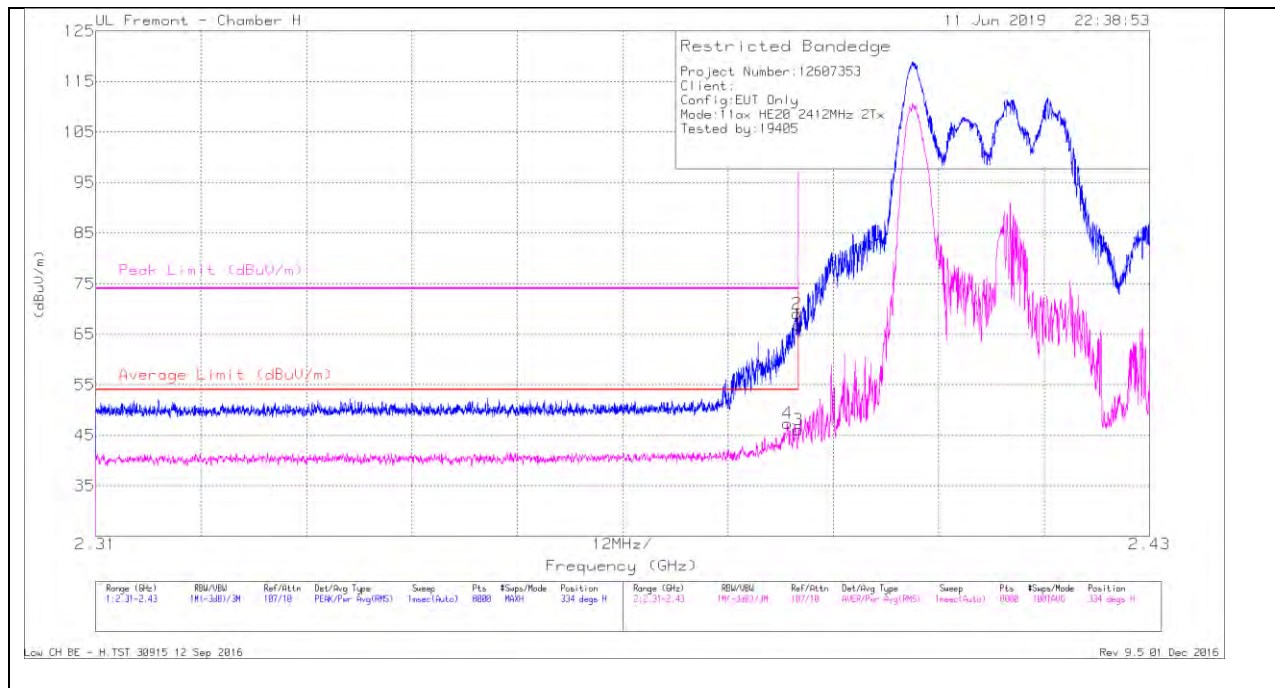
RMS - RMS detection

## 9.1.4. TX ABOVE 1 GHz 802.11ax HE20 OFDMA MODE IN THE 2.4 GHz BAND

### 2TX ANTENNA 4 + ANTENNA 3 OFDMA MODE: 26-Tones, RU Index 0

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

#### HORIZONTAL RESULT



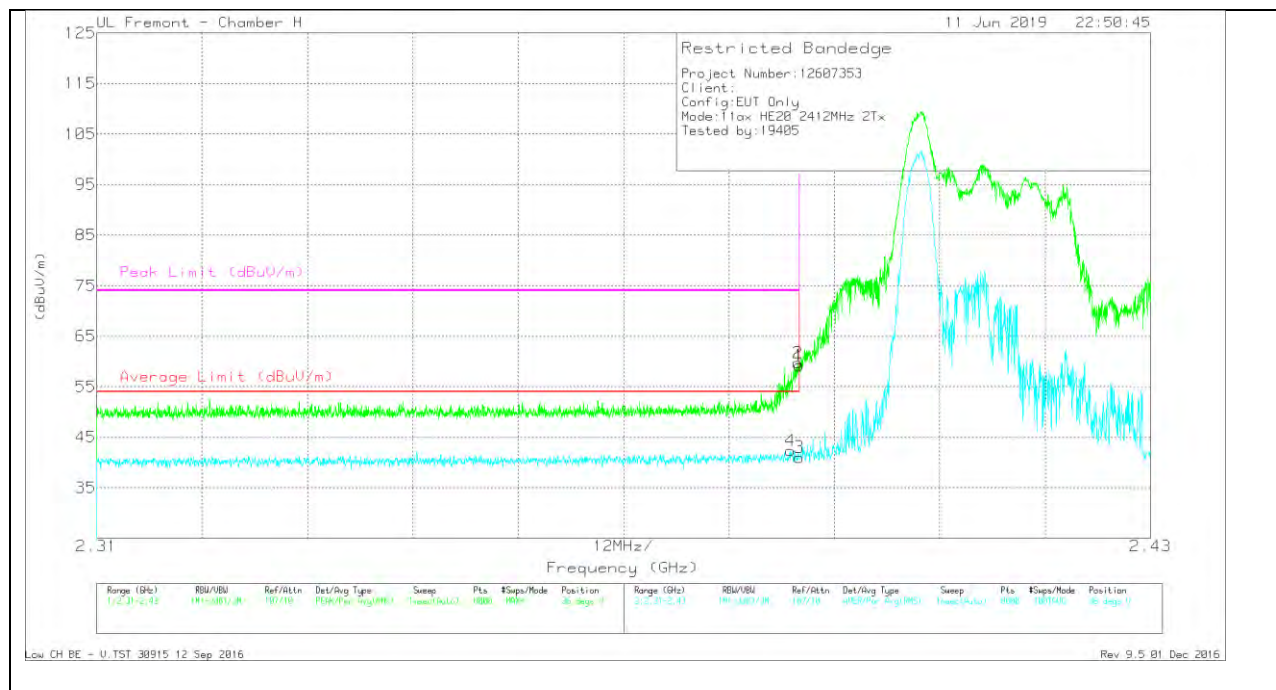
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 58.16                | Pk  | 32.1           | -23.5                   | 66.76                      | -                      | -           | 74                  | -7.24          | 334            | 128         | H        |
| 2      | * 2.39          | 60.42                | Pk  | 32.1           | -23.5                   | 69.02                      | -                      | -           | 74                  | -4.98          | 334            | 128         | H        |
| 3      | * 2.39          | 37.47                | RMS | 32.1           | -23.5                   | 46.07                      | 54                     | -7.93       | -                   | -              | 334            | 128         | H        |
| 4      | * 2.389         | 38.77                | RMS | 32.1           | -23.5                   | 47.37                      | 54                     | -6.63       | -                   | -              | 334            | 128         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (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          | 50.59                | Pk  | 32.1           | -23.5                   | 59.19                      | -                      | -           | 74                  | -14.81         | 36             | 353         | V        |
| 2      | * 2.39          | 51.09                | Pk  | 32.1           | -23.5                   | 59.69                      | -                      | -           | 74                  | -14.31         | 36             | 353         | V        |
| 3      | * 2.39          | 32.44                | RMS | 32.1           | -23.5                   | 41.04                      | 54                     | -12.96      | -                   | -              | 36             | 353         | V        |
| 4      | * 2.389         | 33.77                | RMS | 32.1           | -23.5                   | 42.37                      | 54                     | -11.63      | -                   | -              | 36             | 353         | V        |

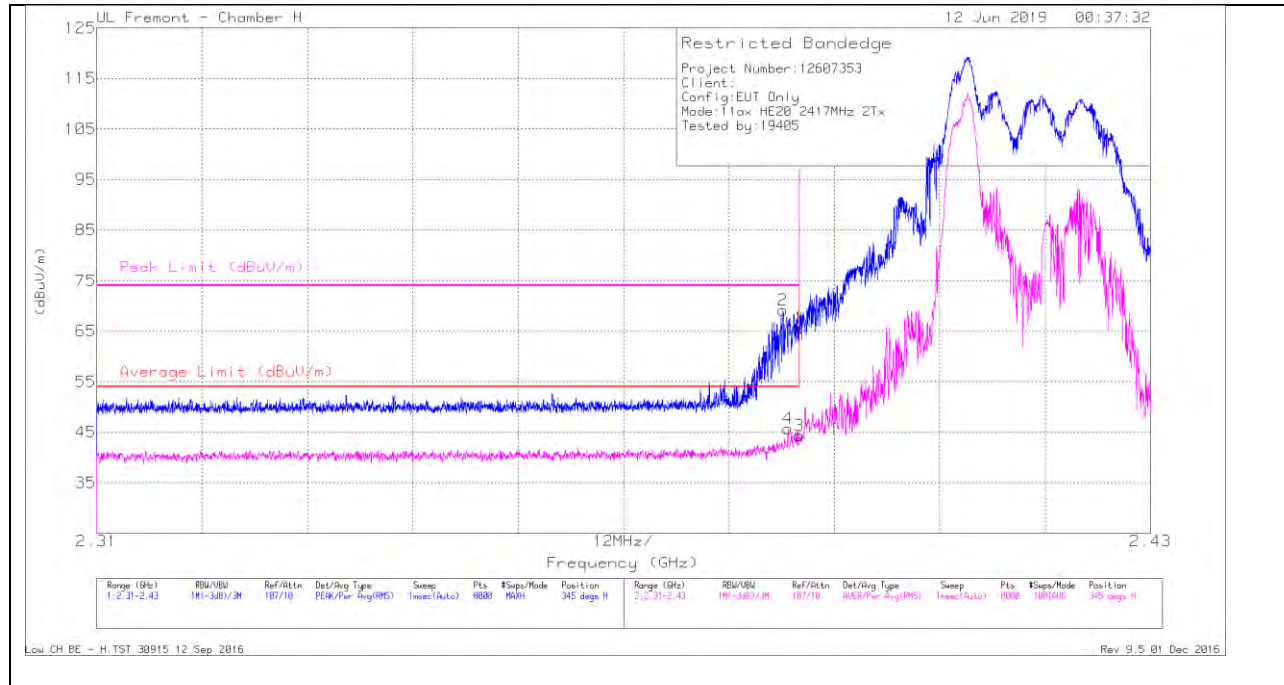
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



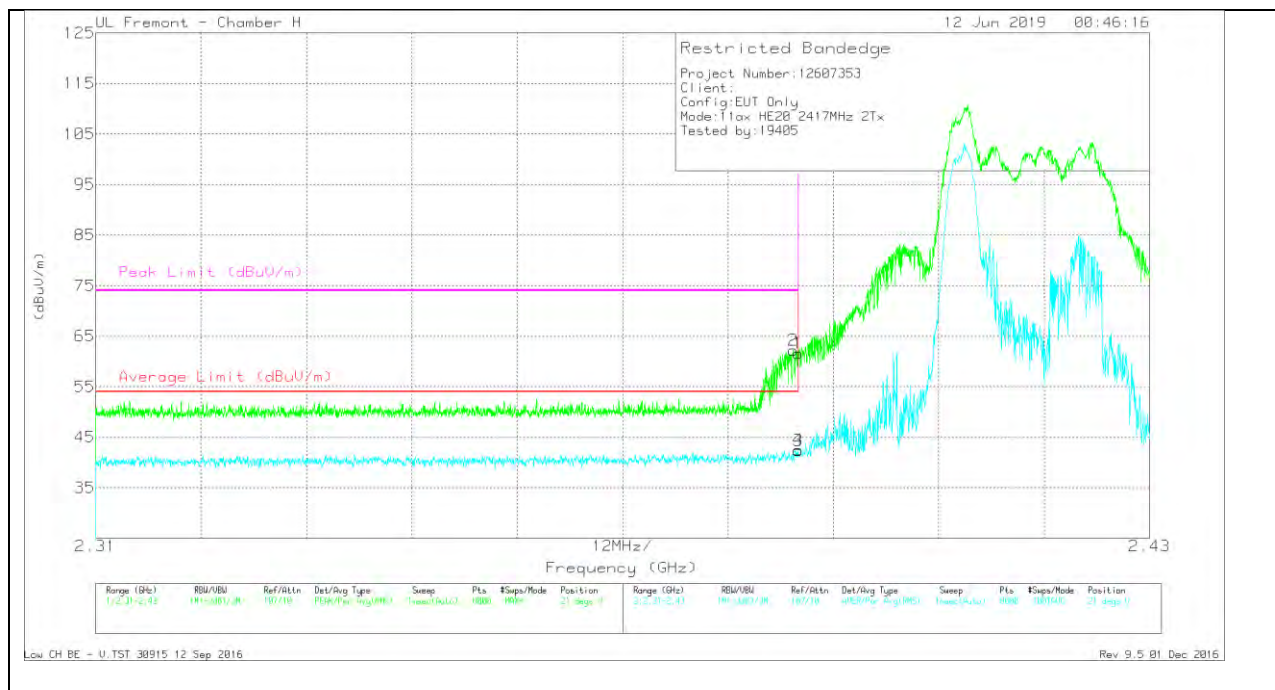
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 56.94                | Pk  | 32.1           | -23.5                   | 65.54                      | -                      | -           | 74                  | -8.46          | 345            | 108         | H        |
| 2      | * 2.388         | 60.61                | Pk  | 32.1           | -23.5                   | 69.21                      | -                      | -           | 74                  | -4.79          | 345            | 108         | H        |
| 3      | * 2.39          | 35.75                | RMS | 32.1           | -23.5                   | 44.35                      | 54                     | -9.65       | -                   | -              | 345            | 108         | H        |
| 4      | * 2.389         | 37.14                | RMS | 32.1           | -23.5                   | 45.74                      | 54                     | -8.26       | -                   | -              | 345            | 108         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.95                | Pk  | 32.1           | -23.5                   | 61.55                      | -                      | -           | 74                  | -12.45         | 21             | 343         | V        |
| 2      | * 2.389         | 53.66                | Pk  | 32.1           | -23.5                   | 62.26                      | -                      | -           | 74                  | -11.74         | 21             | 343         | V        |
| 3      | * 2.39          | 33.76                | RMS | 32.1           | -23.5                   | 42.36                      | 54                     | -11.64      | -                   | -              | 21             | 343         | V        |
| 4      | * 2.39          | 33.88                | RMS | 32.1           | -23.5                   | 42.48                      | 54                     | -11.52      | -                   | -              | 21             | 343         | V        |

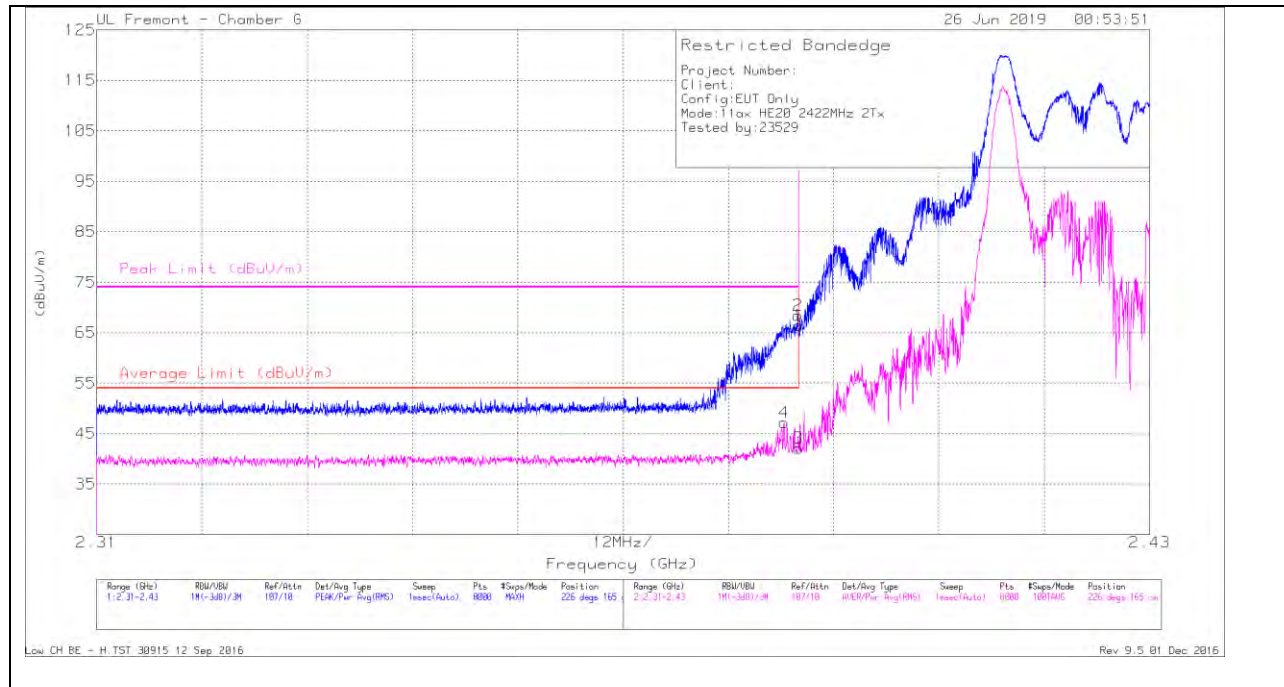
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANEDGE (LOW CHANNEL, CH 3)

### HORIZONTAL RESULT



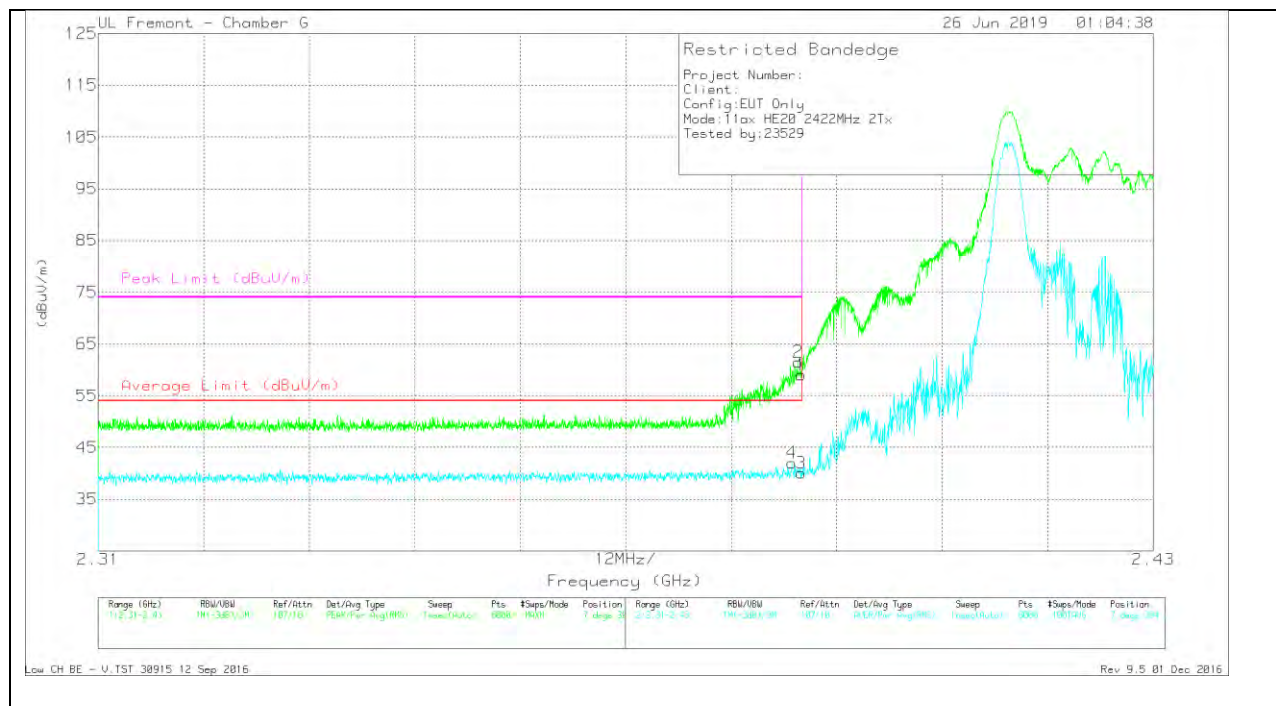
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 56.74                | Pk  | 31.9           | -22.2                   | 66.44                      | -                      | -           | 74                  | -7.56          | 226            | 165         | H        |
| 2      | * 2.39          | 58.71                | Pk  | 31.9           | -22.2                   | 68.41                      | -                      | -           | 74                  | -5.59          | 226            | 165         | H        |
| 3      | * 2.39          | 32.38                | RMS | 31.9           | -22.2                   | 42.08                      | 54                     | -11.92      | -                   | -              | 226            | 165         | H        |
| 4      | * 2.388         | 37.51                | RMS | 31.9           | -22.2                   | 47.21                      | 54                     | -6.79       | -                   | -              | 226            | 165         | 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 T120 (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          | 49.33                | Pk  | 31.9           | -22.2                   | 59.03                      | -                      | -           | 74                  | -14.97         | 7              | 304         | V        |
| 2      | * 2.39          | 51.8                 | Pk  | 31.9           | -22.2                   | 61.5                       | -                      | -           | 74                  | -12.5          | 7              | 304         | V        |
| 3      | * 2.39          | 30.34                | RMS | 31.9           | -22.2                   | 40.04                      | 54                     | -13.96      | -                   | -              | 7              | 304         | V        |
| 4      | * 2.389         | 32.33                | RMS | 31.9           | -22.2                   | 42.03                      | 54                     | -11.97      | -                   | -              | 7              | 304         | V        |

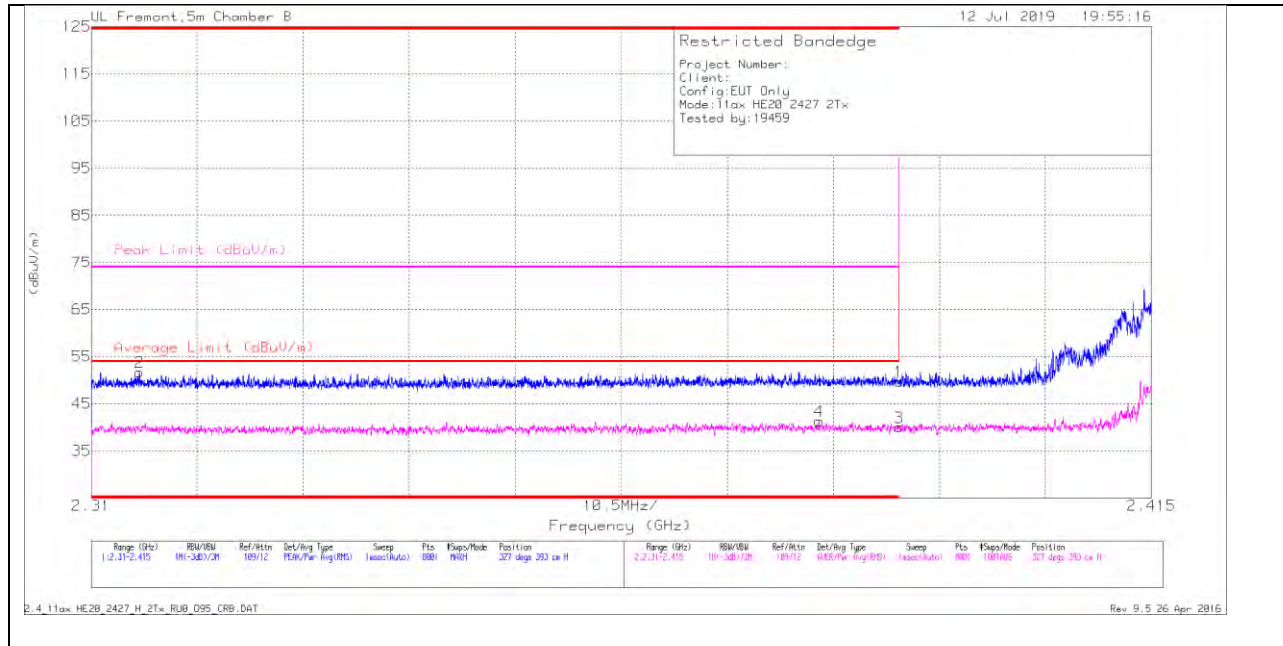
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



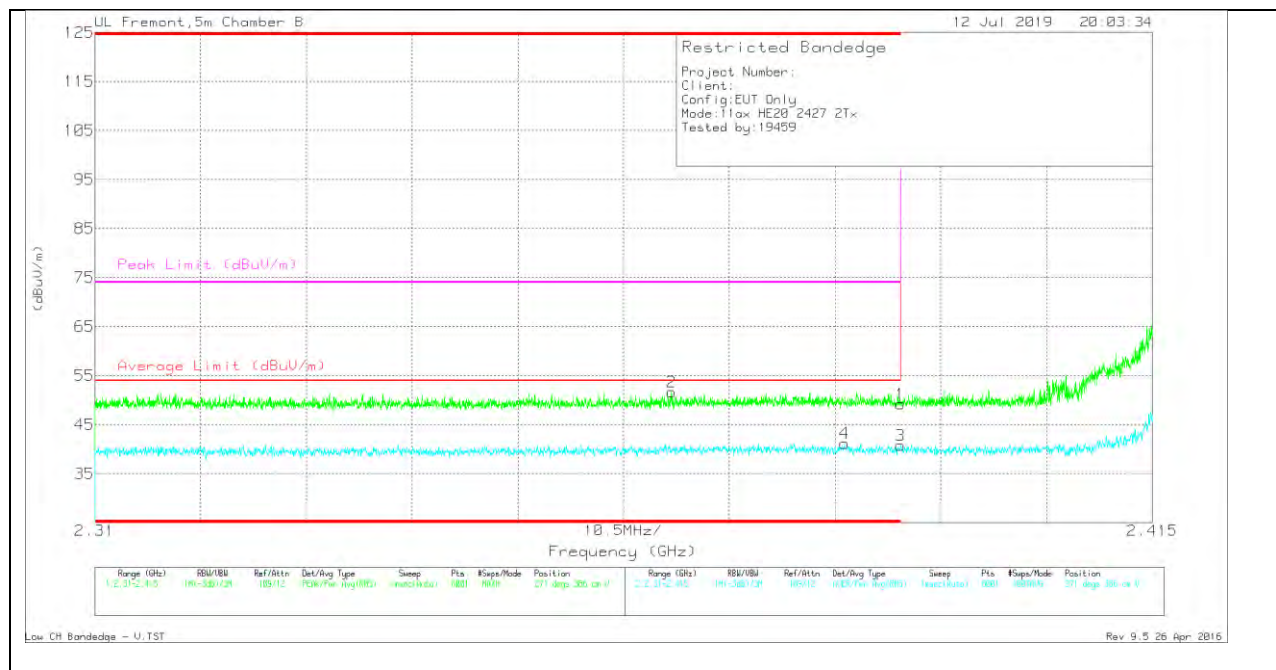
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 36.74                | Pk  | 31.9           | -18.9                  | 49.74                      | -                      | -           | 74                  | -24.26         | 327            | 393         | H        |
| 2      | * 2.315         | 38.82                | Pk  | 31.7           | -18.8                  | 51.72                      | -                      | -           | 74                  | -22.28         | 327            | 393         | H        |
| 3      | * 2.39          | 27.07                | RMS | 31.9           | -18.9                  | 40.07                      | 54                     | -13.93      | -                   | -              | 327            | 393         | H        |
| 4      | * 2.382         | 28.34                | RMS | 31.8           | -18.8                  | 41.34                      | 54                     | -12.66      | -                   | -              | 327            | 393         | 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 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      | * 2.39          | 36.23                | Pk  | 31.9           | -18.9                  | 49.23                      | -                      | -           | 74                  | -24.77         | 271            | 386         | V        |
| 2      | * 2.367         | 38.88                | Pk  | 31.8           | -19                    | 51.68                      | -                      | -           | 74                  | -22.32         | 271            | 386         | V        |
| 3      | * 2.39          | 27.77                | RMS | 31.9           | -18.9                  | 40.77                      | 54                     | -13.23      | -                   | -              | 271            | 386         | V        |
| 4      | * 2.384         | 28.32                | RMS | 31.8           | -18.9                  | 41.22                      | 54                     | -12.78      | -                   | -              | 271            | 386         | V        |

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

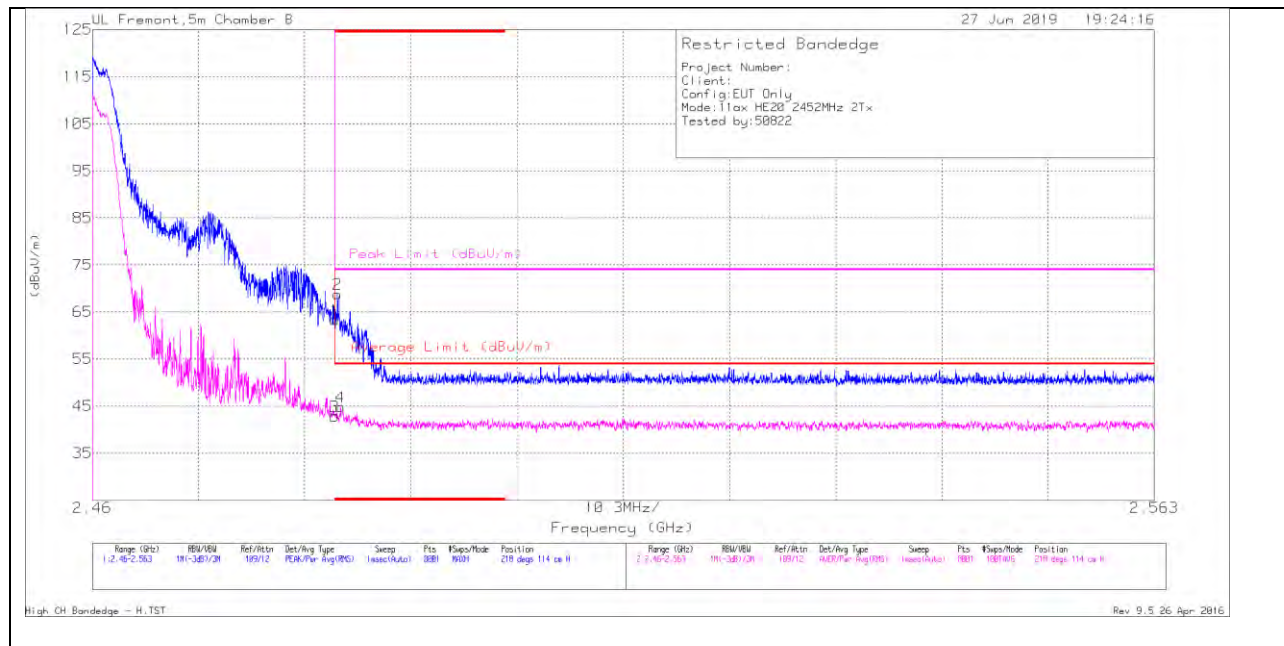
Pk - Peak detector

RMS - RMS detection

**2TX ANTENNA 4 + ANTENNA 3 OFDMA MODE: 26-Tones, RU Index 8**

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

**HORIZONTAL RESULT**



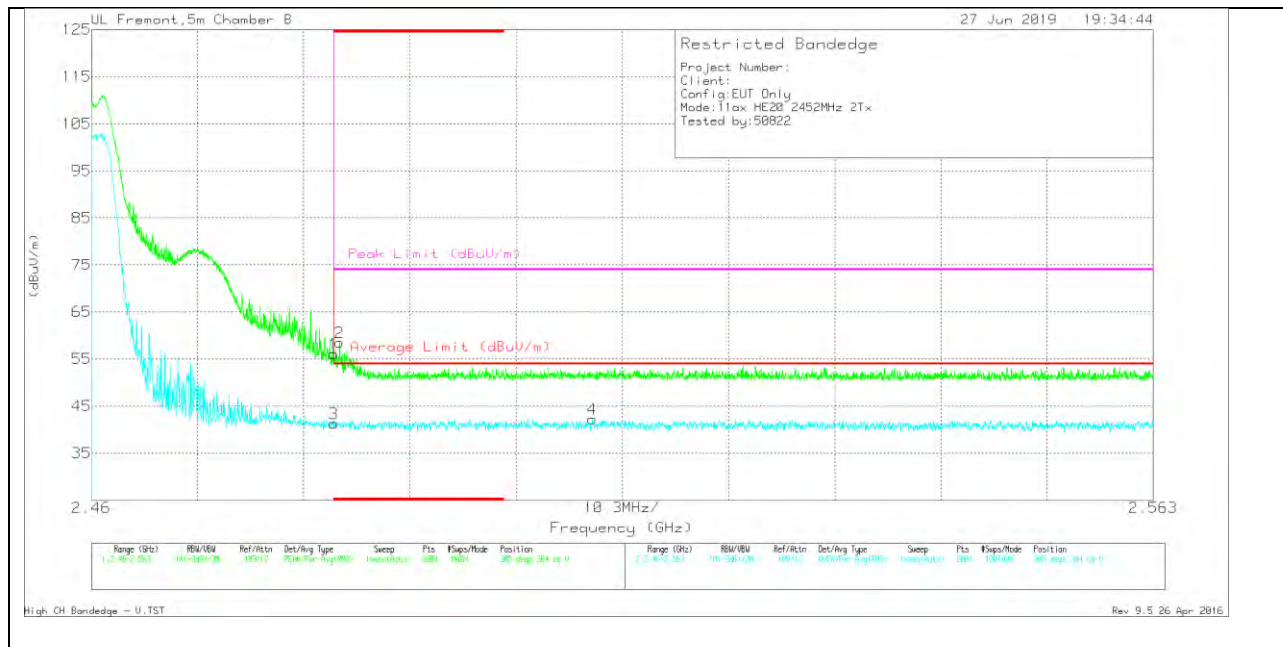
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dBm) | Amp/Cbl/FiltriP ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 49.91                | Pk  | 32.3          | -18.9                   | 63.31                      | -                      | -           | 74                  | -10.69         | 218            | 114         | H        |
| 2      | * 2.484         | 55.41                | Pk  | 32.3          | -18.9                   | 68.81                      | -                      | -           | 74                  | -5.19          | 218            | 114         | H        |
| 3      | * 2.484         | 29.47                | RMS | 32.3          | -18.9                   | 42.87                      | 54                     | -11.13      | -                   | -              | 218            | 114         | H        |
| 4      | * 2.484         | 31.44                | RMS | 32.3          | -18.9                   | 44.84                      | 54                     | -9.16       | -                   | -              | 218            | 114         | 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 T344 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 42.75                | Pk  | 32.3           | -18.9                   | 56.15                      | -                      | -           | 74                  | -17.85         | 305            | 384         | V        |
| 2      | * 2.484         | 45.12                | Pk  | 32.3           | -18.9                   | 58.52                      | -                      | -           | 74                  | -15.48         | 305            | 384         | V        |
| 3      | * 2.484         | 27.93                | RMS | 32.3           | -18.9                   | 41.33                      | 54                     | -12.67      | -                   | -              | 305            | 384         | V        |
| 4      | 2.509           | 28.79                | RMS | 32.4           | -18.9                   | 42.29                      | 54                     | -11.71      | -                   | -              | 305            | 384         | V        |

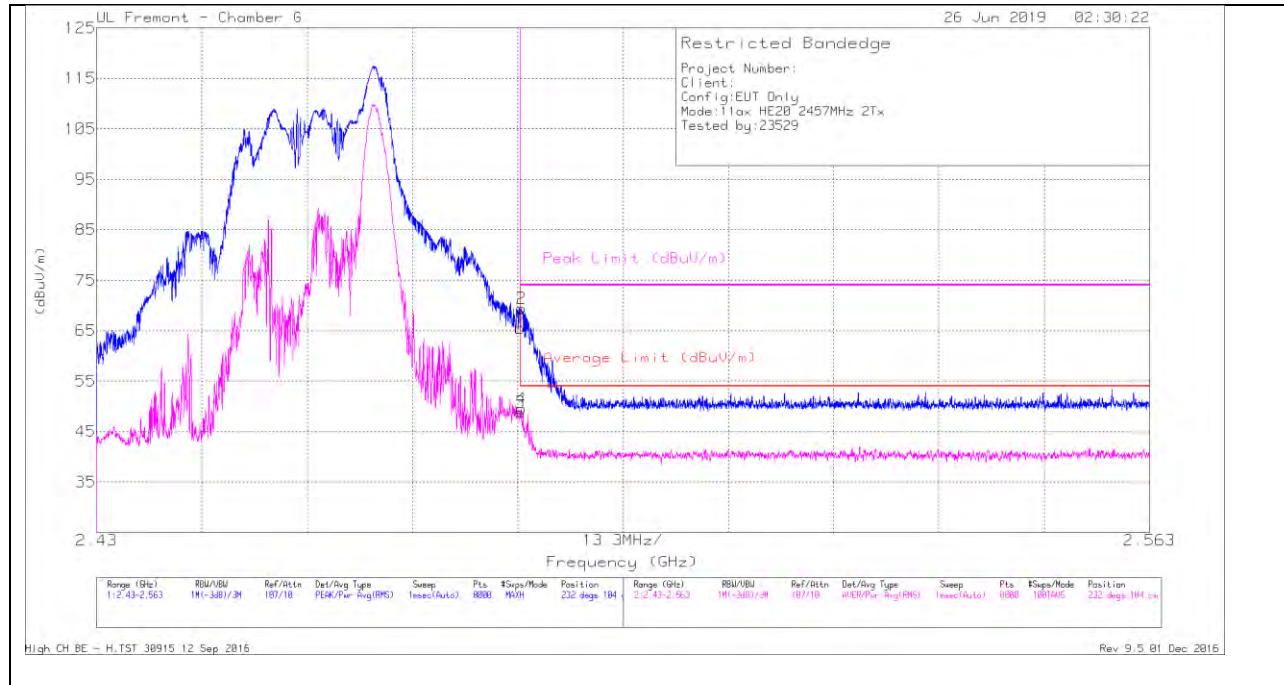
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



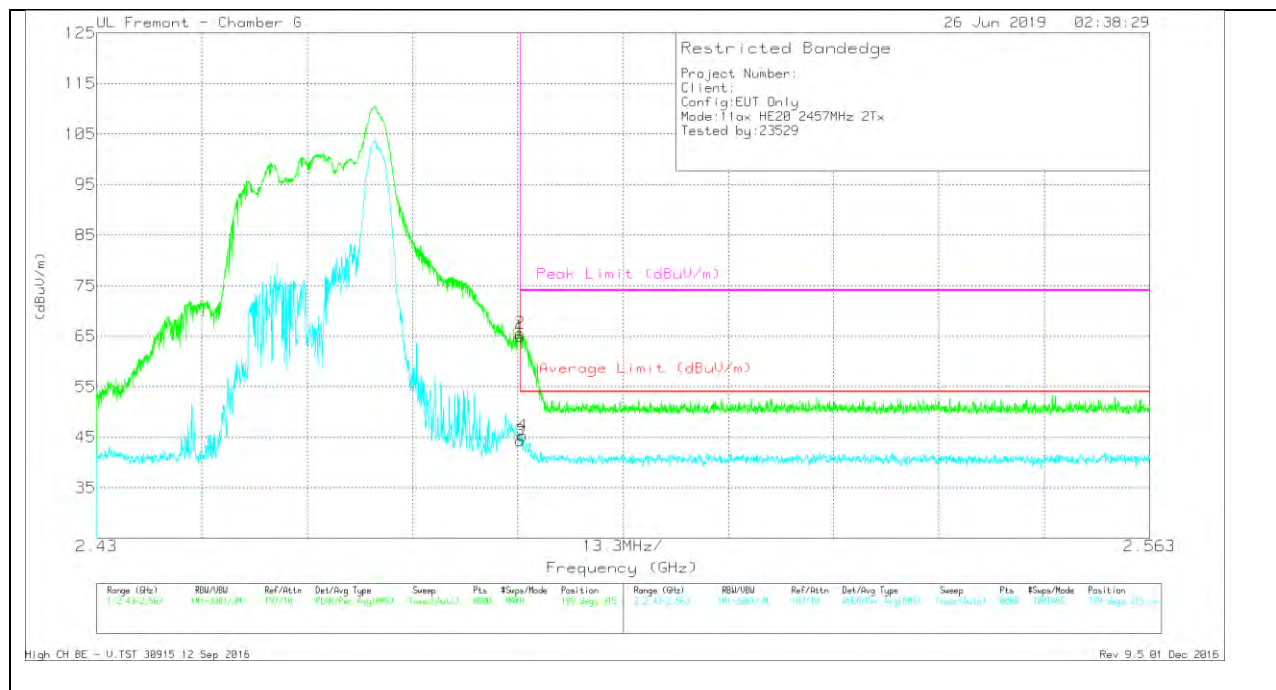
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.16                | Pk  | 32.4           | -22.1                   | 65.46                      | -                      | -           | 74                  | -8.54          | 232            | 104         | H        |
| 2      | * 2.484         | 59.08                | Pk  | 32.4           | -22.1                   | 69.38                      | -                      | -           | 74                  | -4.62          | 232            | 104         | H        |
| 3      | * 2.484         | 38.46                | RMS | 32.4           | -22.1                   | 48.76                      | 54                     | -5.24       | -                   | -              | 232            | 104         | H        |
| 4      | * 2.484         | 39.21                | RMS | 32.4           | -22.1                   | 49.51                      | 54                     | -4.49       | -                   | -              | 232            | 104         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.66                | Pk  | 32.4           | -22.1                   | 64.96                      | -                      | -           | 74                  | -9.04          | 199            | 315         | V        |
| 2      | * 2.484         | 55.32                | Pk  | 32.4           | -22.1                   | 65.62                      | -                      | -           | 74                  | -8.38          | 199            | 315         | V        |
| 3      | * 2.484         | 34.02                | RMS | 32.4           | -22.1                   | 44.32                      | 54                     | -9.68       | -                   | -              | 199            | 315         | V        |
| 4      | * 2.484         | 35.07                | RMS | 32.4           | -22.1                   | 45.37                      | 54                     | -8.63       | -                   | -              | 199            | 315         | V        |

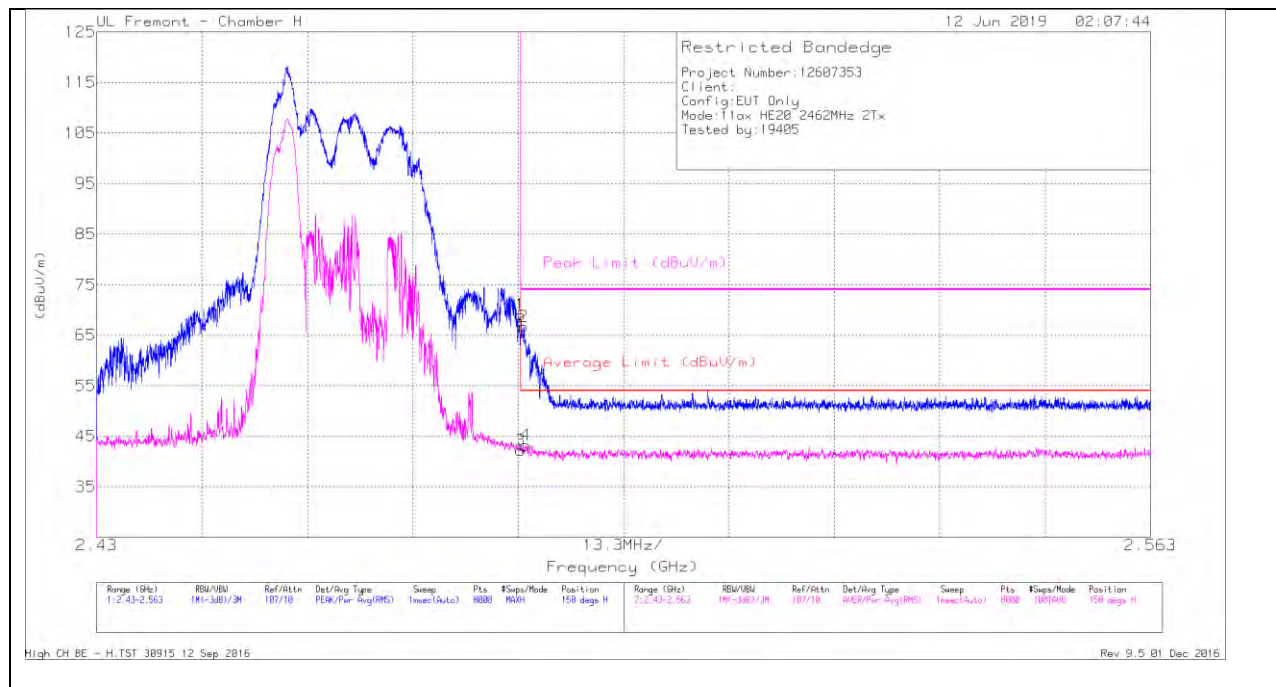
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



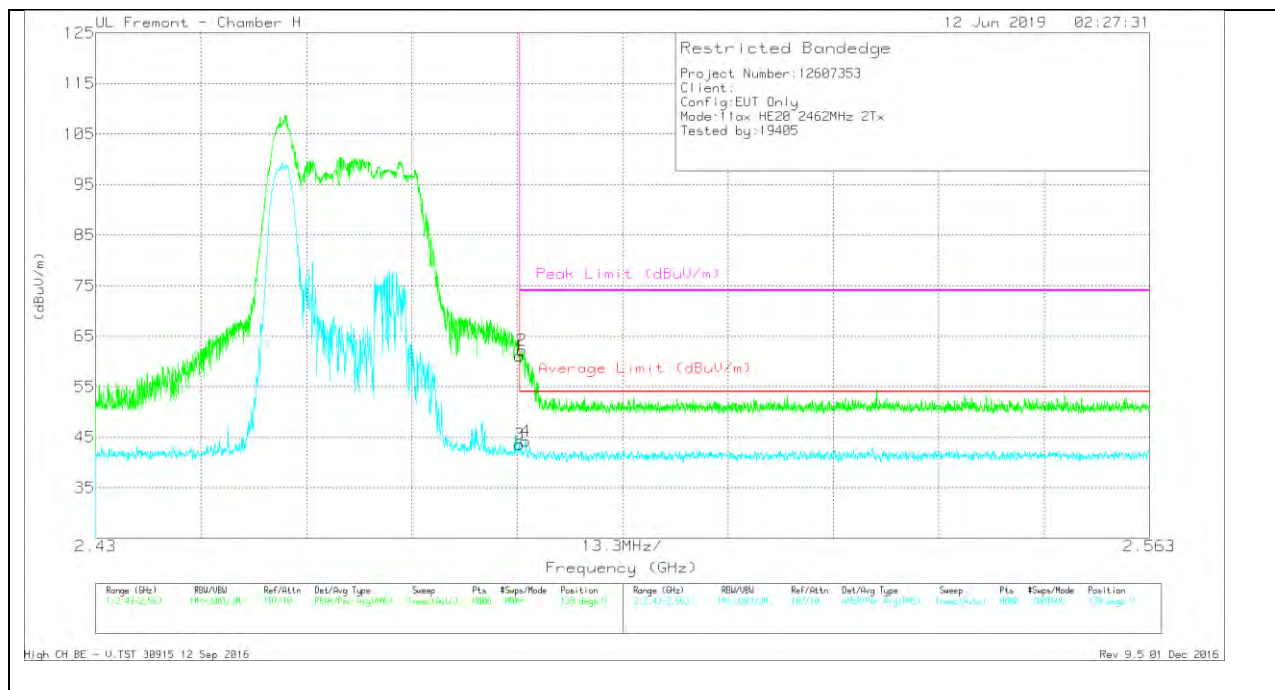
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 59.89                | Pk  | 32.5           | -23.3                  | 69.09                      | -                      | -           | 74                  | -4.91          | 158            | 155         | H        |
| 2      | * 2.484         | 57.43                | Pk  | 32.5           | -23.3                  | 66.63                      | -                      | -           | 74                  | -7.37          | 158            | 155         | H        |
| 3      | * 2.484         | 33.01                | RMS | 32.5           | -23.3                  | 42.21                      | 54                     | -11.79      | -                   | -              | 158            | 155         | H        |
| 4      | * 2.484         | 34.06                | RMS | 32.5           | -23.3                  | 43.26                      | 54                     | -10.74      | -                   | -              | 158            | 155         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 51.95                | Pk  | 32.5           | -23.3                   | 61.15                      | -                      | -           | 74                  | -12.85         | 138            | 356         | V        |
| 2      | * 2.484         | 53.01                | Pk  | 32.5           | -23.3                   | 62.21                      | -                      | -           | 74                  | -11.79         | 138            | 356         | V        |
| 3      | * 2.484         | 34.44                | RMS | 32.5           | -23.3                   | 43.64                      | 54                     | -10.36      | -                   | -              | 138            | 356         | V        |
| 4      | * 2.484         | 35.06                | RMS | 32.5           | -23.3                   | 44.26                      | 54                     | -9.74       | -                   | -              | 138            | 356         | V        |

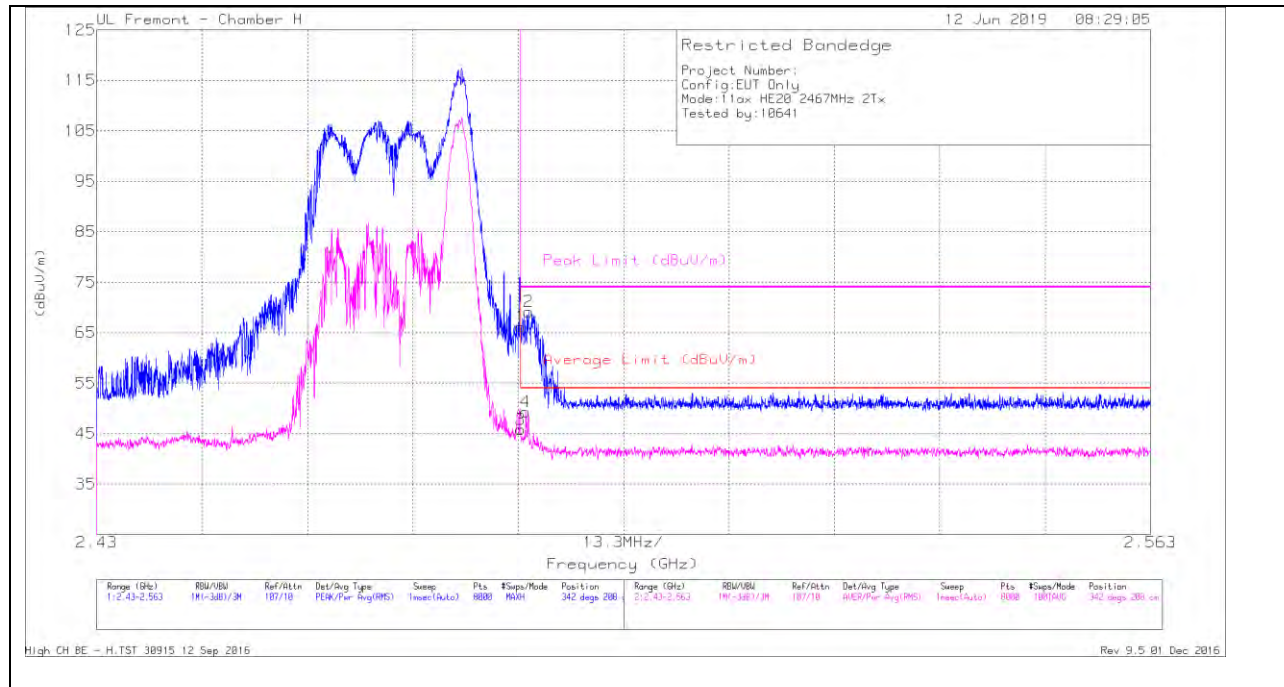
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 12)

### HORIZONTAL RESULT



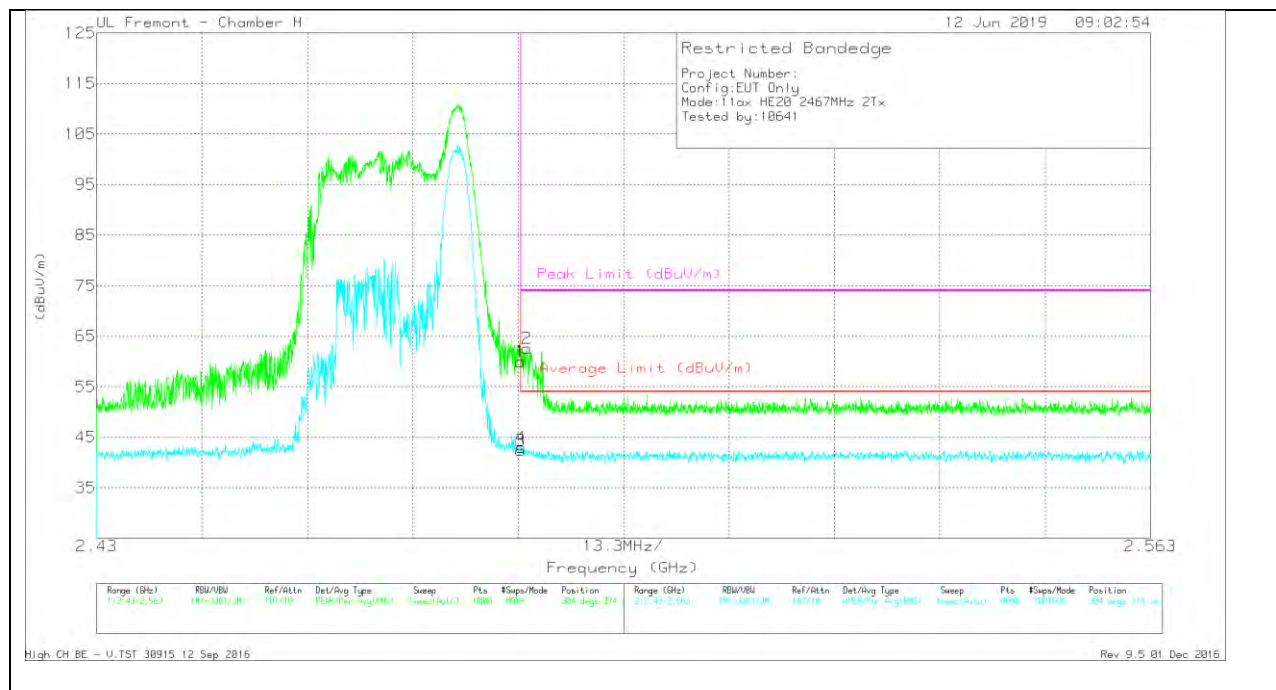
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dBm) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 57.02                | Pk  | 32.5          | -23.3                  | 66.22                      | -                      | -           | 74                  | -7.78          | 342            | 208         | H        |
| 2      | * 2.485         | 59.98                | Pk  | 32.5          | -23.3                  | 69.18                      | -                      | -           | 74                  | -4.82          | 342            | 208         | H        |
| 3      | * 2.484         | 36.62                | RMS | 32.5          | -23.3                  | 45.82                      | 54                     | -8.18       | -                   | -              | 342            | 208         | H        |
| 4      | * 2.484         | 40.05                | RMS | 32.5          | -23.3                  | 49.25                      | 54                     | -4.75       | -                   | -              | 342            | 208         | 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 T663 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.75                | Pk  | 32.5           | -23.3                  | 59.95                      | -                      | -           | 74                  | -14.05         | 304            | 374         | V        |
| 2      | * 2.484         | 53.34                | Pk  | 32.5           | -23.3                  | 62.54                      | -                      | -           | 74                  | -11.46         | 304            | 374         | V        |
| 3      | * 2.484         | 33.1                 | RMS | 32.5           | -23.3                  | 42.3                       | 54                     | -11.7       | -                   | -              | 304            | 374         | V        |
| 4      | * 2.484         | 33.8                 | RMS | 32.5           | -23.3                  | 43                         | 54                     | -11         | -                   | -              | 304            | 374         | V        |

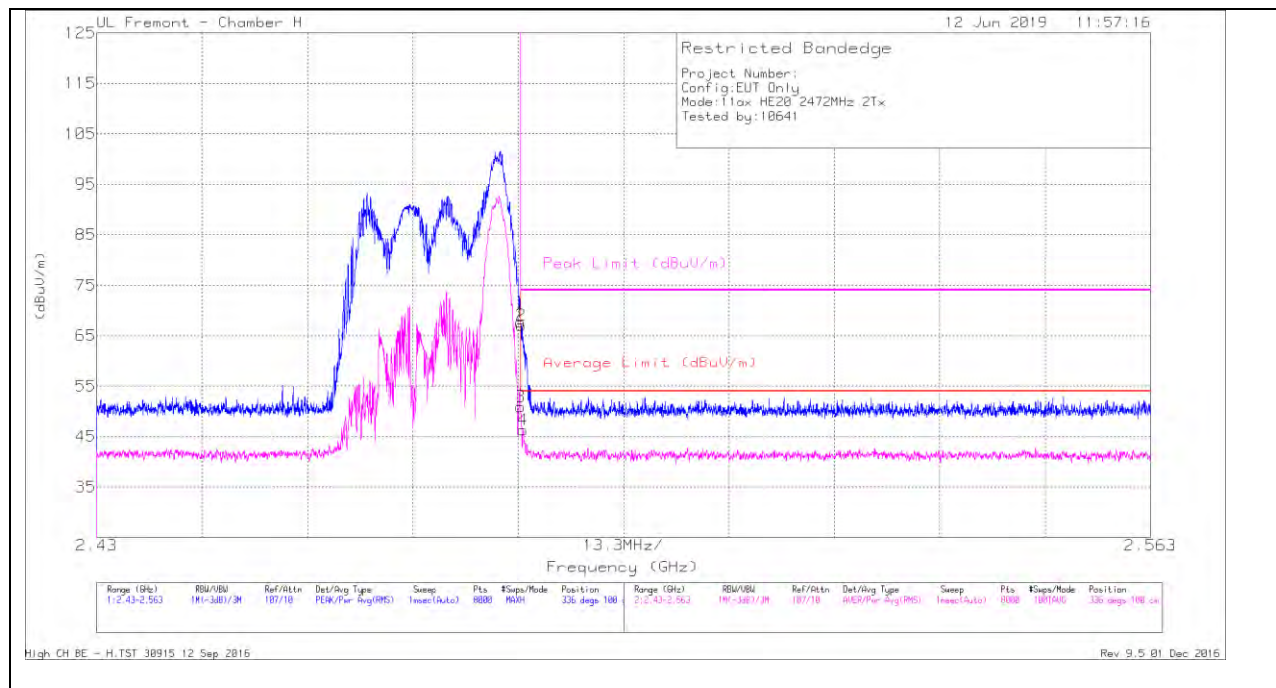
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANEDGE (HIGH CHANNEL, CH 13)

### HORIZONTAL RESULT



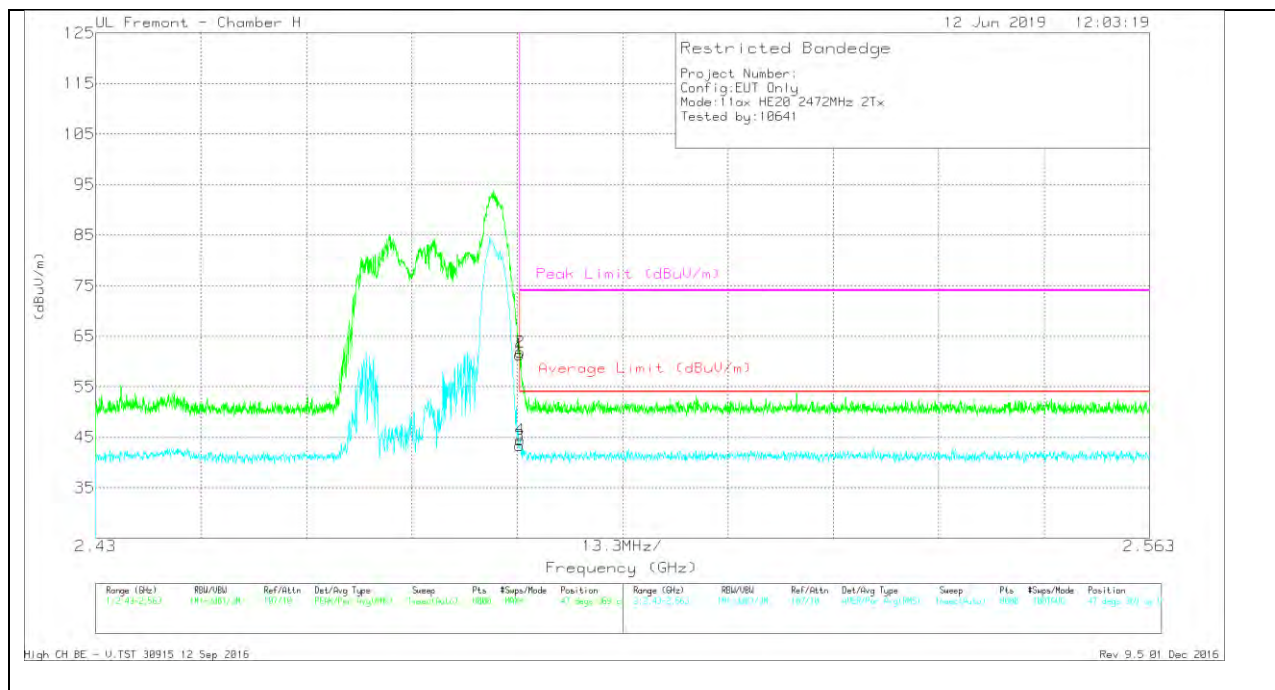
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 58.45                | Pk  | 32.5          | -23.3                   | 67.65                      | -                      | -           | 74                  | -6.35          | 336            | 100         | H        |
| 2      | * 2.484         | 57.86                | Pk  | 32.5          | -23.3                   | 67.06                      | -                      | -           | 74                  | -6.94          | 336            | 100         | H        |
| 3      | * 2.484         | 41.74                | RMS | 32.5          | -23.3                   | 50.94                      | 54                     | -3.06       | -                   | -              | 336            | 100         | H        |
| 4      | * 2.484         | 37.17                | RMS | 32.5          | -23.3                   | 46.37                      | 54                     | -7.63       | -                   | -              | 336            | 100         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.12                | Pk  | 32.5           | -23.3                   | 61.32                      | -                      | -           | 74                  | -12.68         | 47             | 369         | V        |
| 2      | * 2.484         | 52.59                | Pk  | 32.5           | -23.3                   | 61.79                      | -                      | -           | 74                  | -12.21         | 47             | 369         | V        |
| 3      | * 2.484         | 34.17                | RMS | 32.5           | -23.3                   | 43.37                      | 54                     | -10.63      | -                   | -              | 47             | 369         | V        |
| 4      | * 2.484         | 35.21                | RMS | 32.5           | -23.3                   | 44.41                      | 54                     | -9.59       | -                   | -              | 47             | 369         | V        |

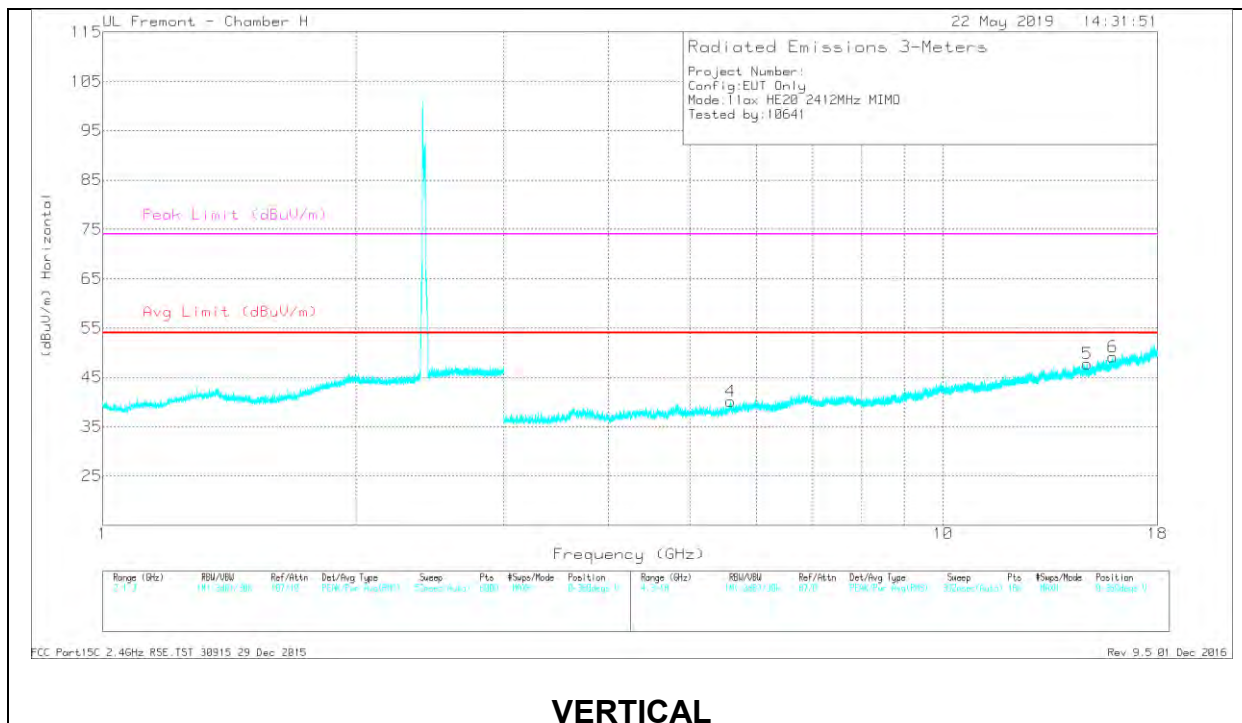
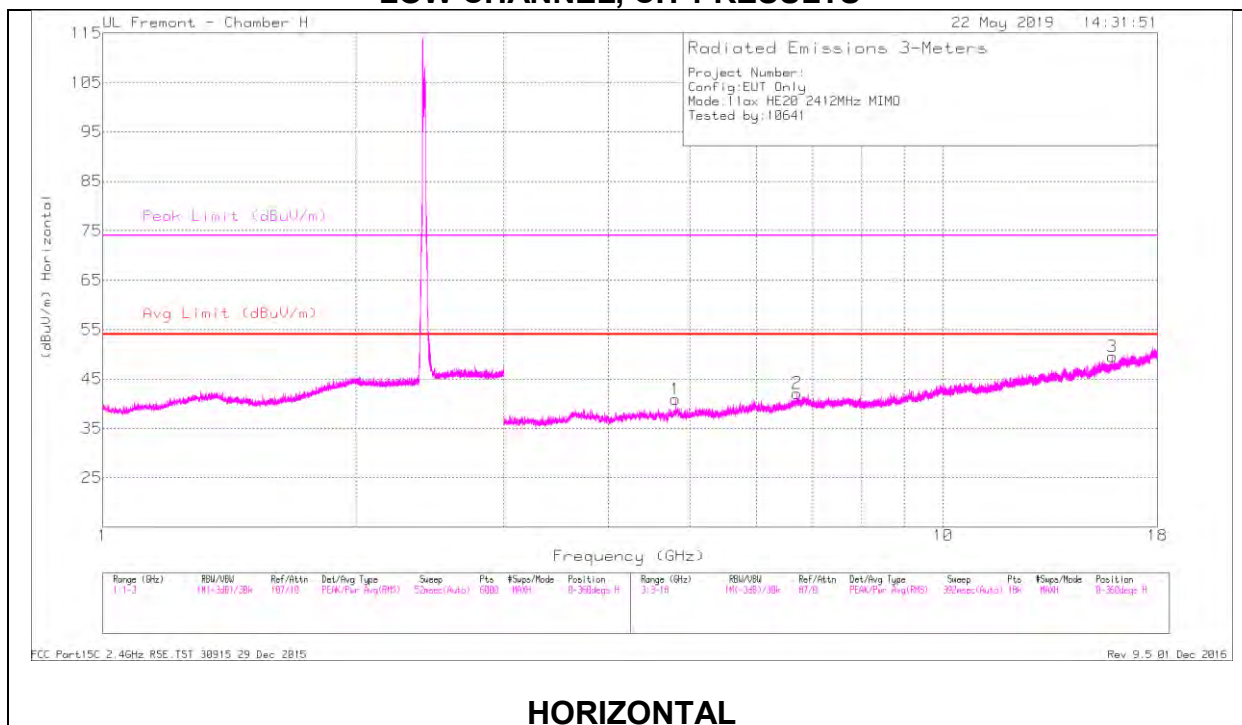
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

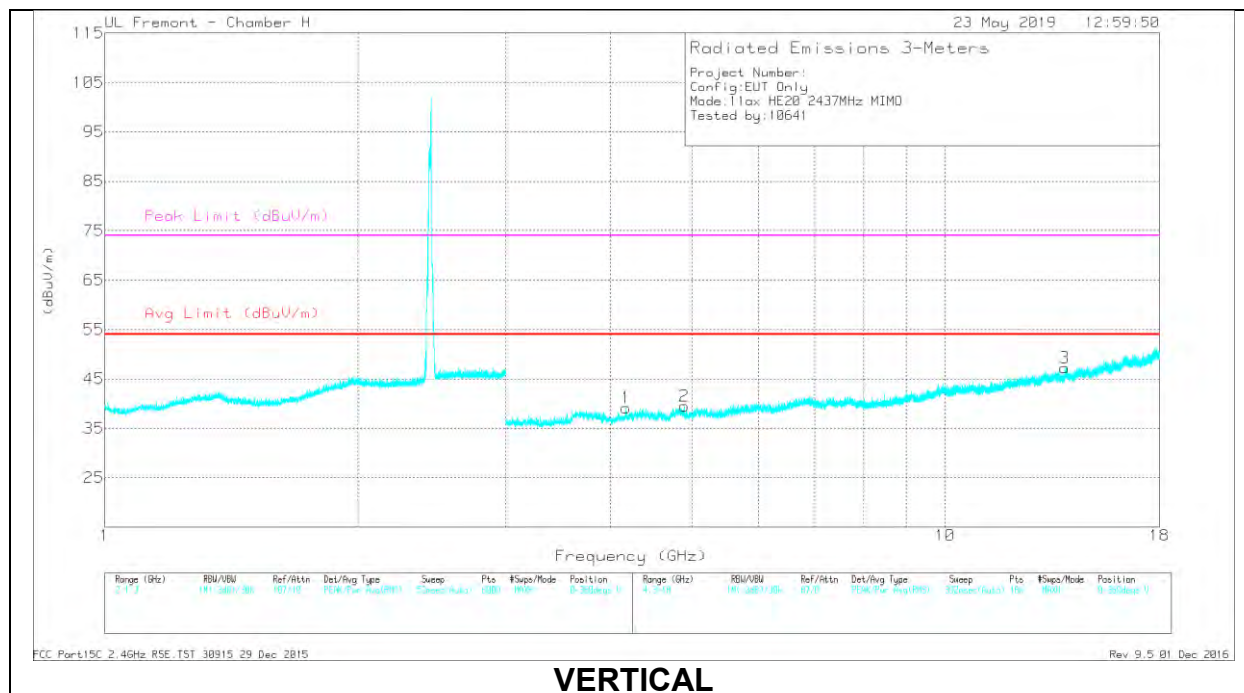
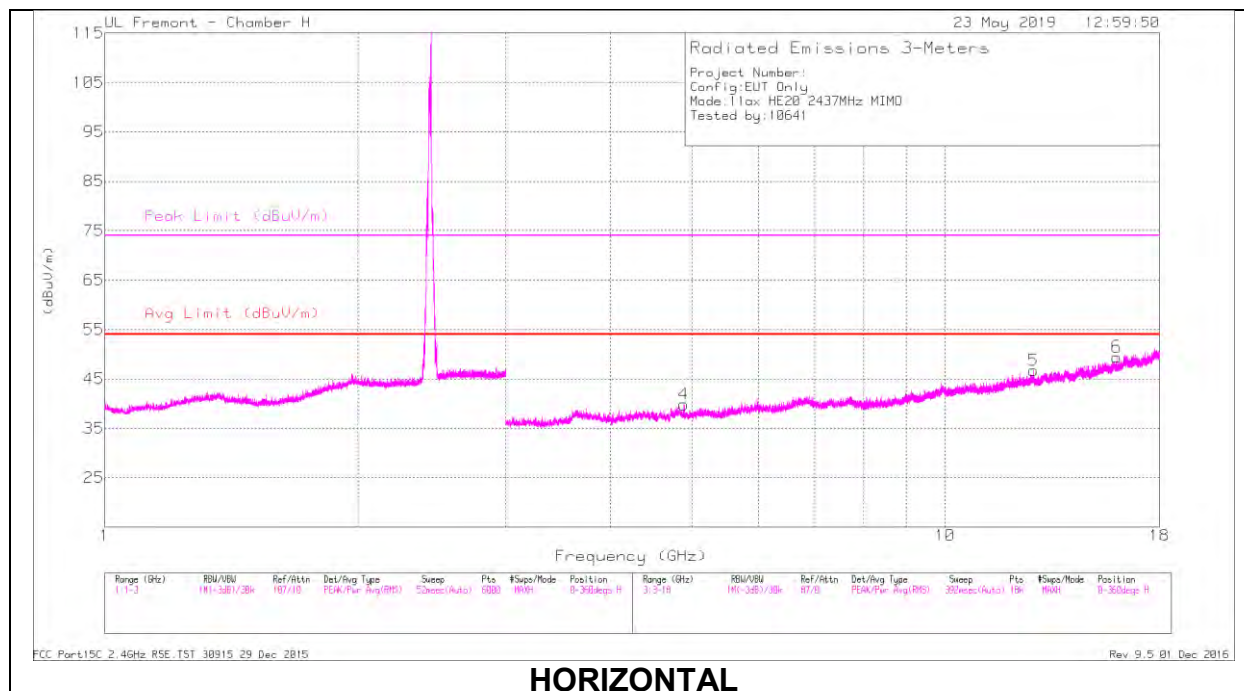
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Fitr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 4.808         | 44.48                | PK2  | 34.1           | -30.3                  | 48.28                      | -                  | -           | 74                  | -25.72         | 221            | 142         | H        |
|        | * 4.808         | 33.17                | MAv1 | 34.1           | -30.3                  | 36.97                      | 54                 | -17.03      | -                   | -              | 221            | 142         | H        |
| 3      | * 15.901        | 35.12                | PK2  | 40.7           | -20.5                  | 55.32                      | -                  | -           | 74                  | -18.68         | 289            | 166         | H        |
|        | * 15.903        | 24.23                | MAv1 | 40.7           | -20.5                  | 44.43                      | 54                 | -9.57       | -                   | -              | 289            | 166         | H        |
| 6      | * 15.919        | 35.61                | PK2  | 40.8           | -20.9                  | 55.51                      | -                  | -           | 74                  | -18.49         | 256            | 179         | V        |
|        | * 15.922        | 24.66                | MAv1 | 40.8           | -21                    | 44.46                      | 54                 | -9.54       | -                   | -              | 256            | 179         | V        |
| 4      | 5.594           | 41.44                | PK2  | 34.8           | -29.9                  | 46.34                      | -                  | -           | 74                  | -27.66         | 128            | 229         | V        |
| 2      | 6.698           | 40.17                | PK2  | 36.8           | -28.9                  | 48.07                      | -                  | -           | 74                  | -25.93         | 279            | 119         | H        |
| 5      | 14.846          | 36.31                | PK2  | 39.8           | -22.1                  | 54.01                      | -                  | -           | 74                  | -19.99         | 99             | 258         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL, CH 6 RESULTS



## RADIATED EMISSIONS

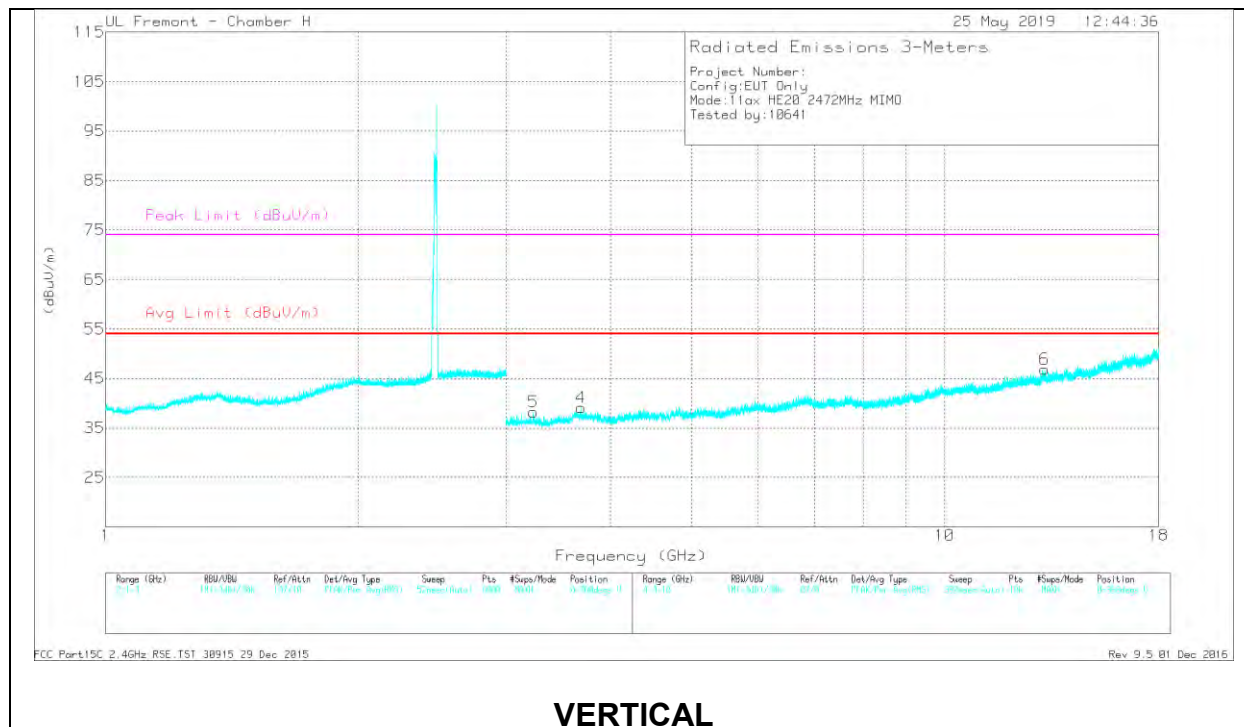
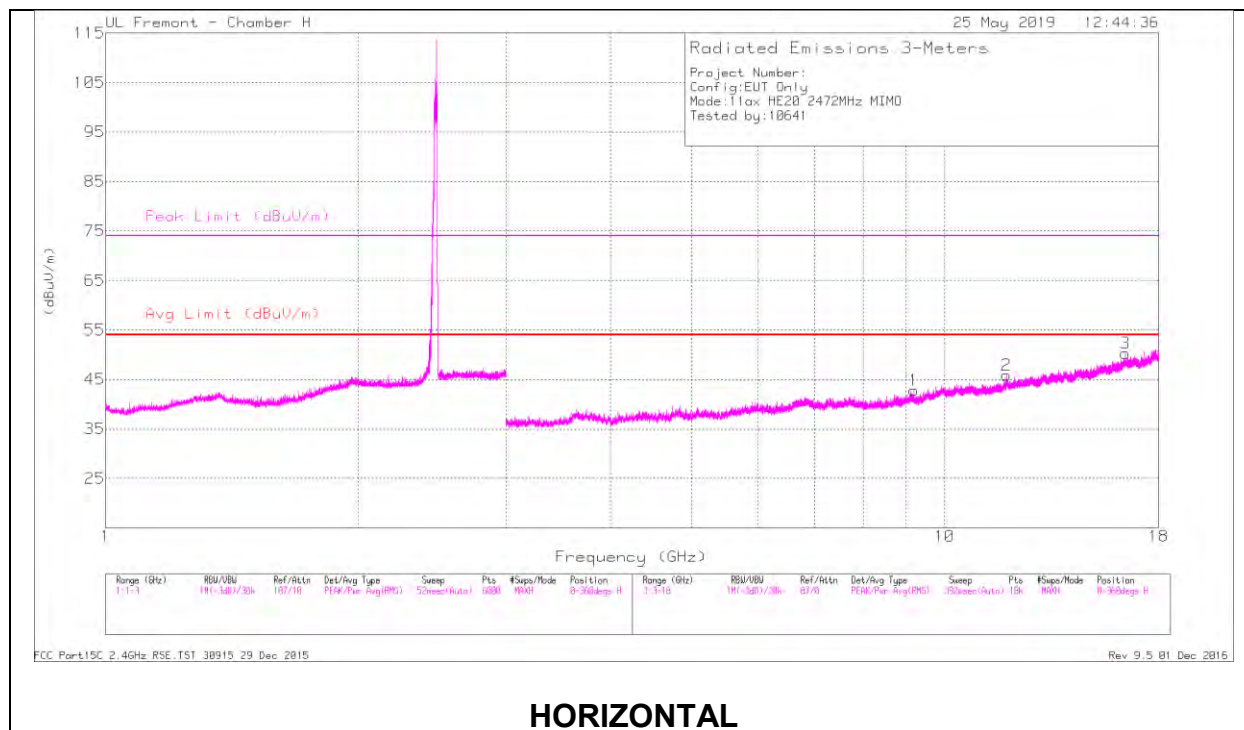
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 4.891         | 43.15                | PK2  | 34             | -30.3                   | 46.85                      | -                  | -           | 74                  | -27.15         | 174            | 130         | H        |
|        | * 4.891         | 32.36                | MAv1 | 34             | -30.3                   | 36.06                      | 54                 | -17.94      | -                   | -              | 174            | 130         | H        |
| 6      | * 16.023        | 36.39                | PK2  | 41             | -22                     | 55.39                      | -                  | -           | 74                  | -18.61         | 118            | 213         | H        |
|        | * 16.023        | 25.08                | MAv1 | 41             | -22                     | 44.08                      | 54                 | -9.92       | -                   | -              | 118            | 213         | H        |
| 2      | * 4.892         | 42.72                | PK2  | 34             | -30.2                   | 46.52                      | -                  | -           | 74                  | -27.48         | 158            | 293         | V        |
|        | * 4.891         | 31.55                | MAv1 | 34             | -30.2                   | 35.35                      | 54                 | -18.65      | -                   | -              | 158            | 293         | V        |
| 1      | * 4.172         | 42.08                | PK2  | 33.2           | -30.7                   | 44.58                      | -                  | -           | 74                  | -29.42         | 129            | 111         | V        |
|        | * 4.174         | 30.87                | MAv1 | 33.2           | -30.7                   | 33.37                      | 54                 | -20.63      | -                   | -              | 129            | 111         | V        |
| 5      | 12.736          | 35.48                | PK2  | 39.2           | -22.4                   | 52.28                      | -                  | -           | 74                  | -21.72         | 135            | 214         | H        |
| 3      | 13.881          | 35.15                | PK2  | 39.1           | -21.4                   | 52.85                      | -                  | -           | 74                  | -21.15         | 188            | 203         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL, CH 13 RESULTS



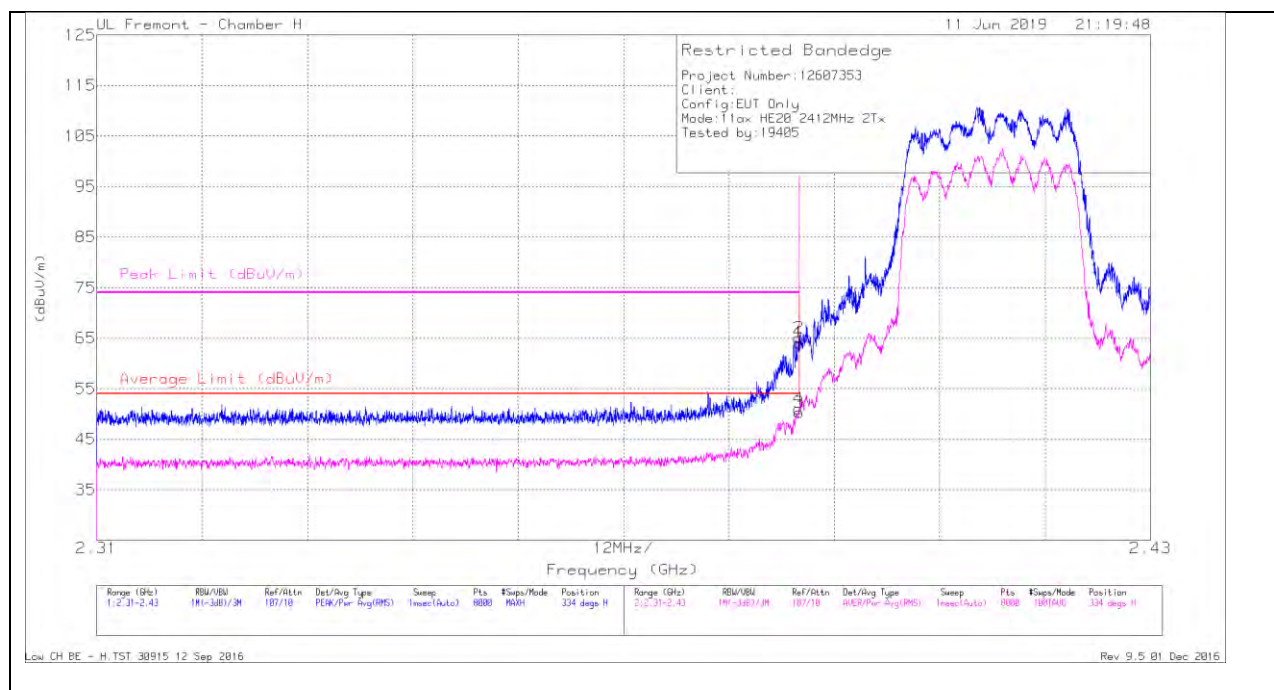
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Fitr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 11.862        | 35.46                | PK2  | 38.7           | -22.8                  | 51.36                      | -                  | -           | 74                  | -22.64         | 126            | 125         | H        |
|        | * 11.861        | 24.78                | MAv1 | 38.7           | -22.8                  | 40.68                      | 54                 | -13.32      | -                   | -              | 126            | 125         | H        |
| 1      | *9.195          | 32.02                | PK2  | 36.3           | -24.5                  | 43.82                      | -                  | -           | 74                  | -30.18         |                |             | H        |
|        | *9.199          | 26.56                | MAv1 | 36.3           | -24.5                  | 38.36                      | 54                 | -15.64      |                     |                |                |             | H        |
| 4      | * 3.685         | 41.93                | PK2  | 33.1           | -30.2                  | 44.83                      | -                  | -           | 74                  | -29.17         | 93             | 139         | V        |
|        | * 3.687         | 30.43                | MAv1 | 33.1           | -30.2                  | 33.33                      | 54                 | -20.67      | -                   | -              | 93             | 139         | V        |
| 5      | 3.239           | 43.1                 | PK2  | 32.5           | -31.1                  | 44.5                       | -                  | -           | 74                  | -29.50         | 111            | 170         | V        |
| 6      | 13.174          | 36.65                | PK2  | 39.4           | -22.1                  | 53.95                      | -                  | -           | 74                  | -20.05         | 137            | 189         | V        |
| 3      | 16.429          | 35.69                | PK2  | 41.5           | -21                    | 56.19                      | -                  | -           | 74                  | -17.81         | 126            | 155         | H        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**2TX ANTENNA 4 + ANTENNA 3 OFDMA MODE: 242-Tones, RU Index 61****BANDEGE ( LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

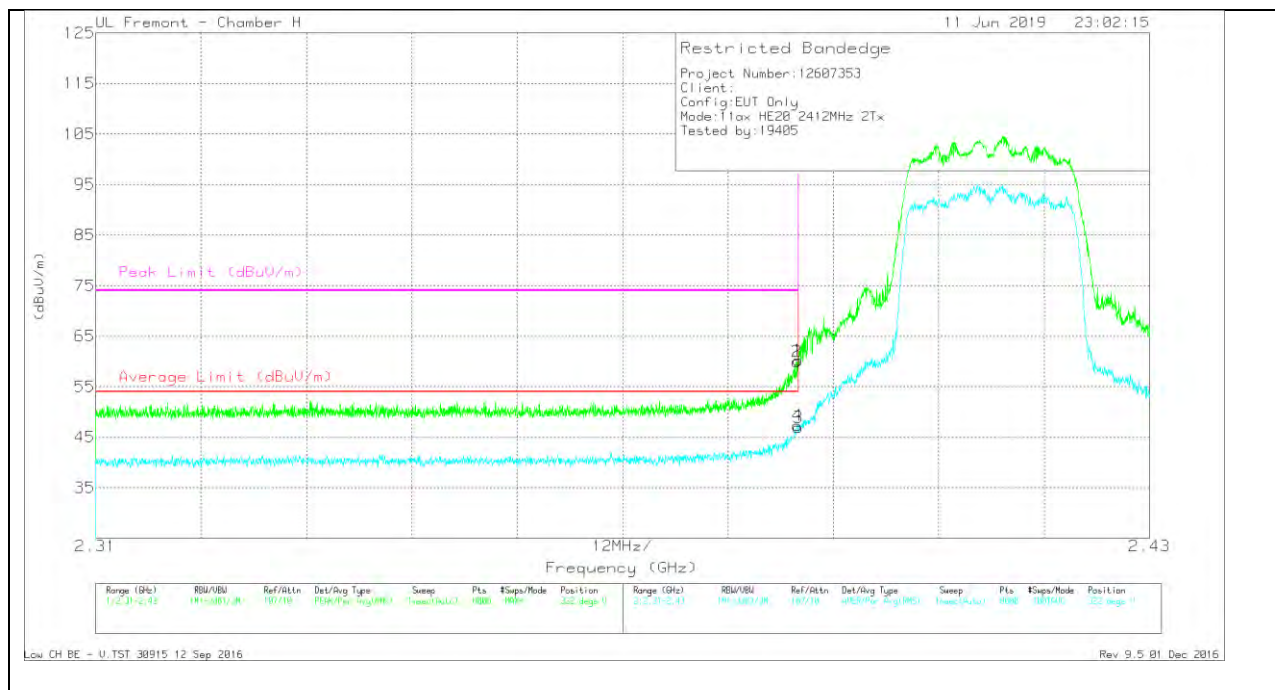
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.53                | PK  | 32.1           | -23.5                  | 64.13                      | -                      | -           | 74                  | -9.87          | 334            | 128         | H        |
| 2      | * 2.39          | 56.41                | PK  | 32.1           | -23.5                  | 65.01                      | -                      | -           | 74                  | -8.99          | 334            | 128         | H        |
| 3      | * 2.39          | 41.71                | RMS | 32.1           | -23.5                  | 50.31                      | 54                     | -3.69       | -                   | -              | 334            | 128         | H        |
| 4      | * 2.39          | 42.39                | RMS | 32.1           | -23.5                  | 50.99                      | 54                     | -3.01       | -                   | -              | 334            | 128         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Rezading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|-----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 51.62                | Pk  | 32.1           | -23.5                  | 60.22                       | -                      | -           | 74                  | -13.78         | 322            | 356         | V        |
| 2      | * 2.39          | 51.35                | Pk  | 32.1           | -23.5                  | 59.95                       | -                      | -           | 74                  | -14.05         | 322            | 356         | V        |
| 3      | * 2.39          | 38.33                | RMS | 32.1           | -23.5                  | 46.93                       | 54                     | -7.07       | -                   | -              | 322            | 356         | V        |
| 4      | * 2.39          | 38.74                | RMS | 32.1           | -23.5                  | 47.34                       | 54                     | -6.66       | -                   | -              | 322            | 356         | V        |

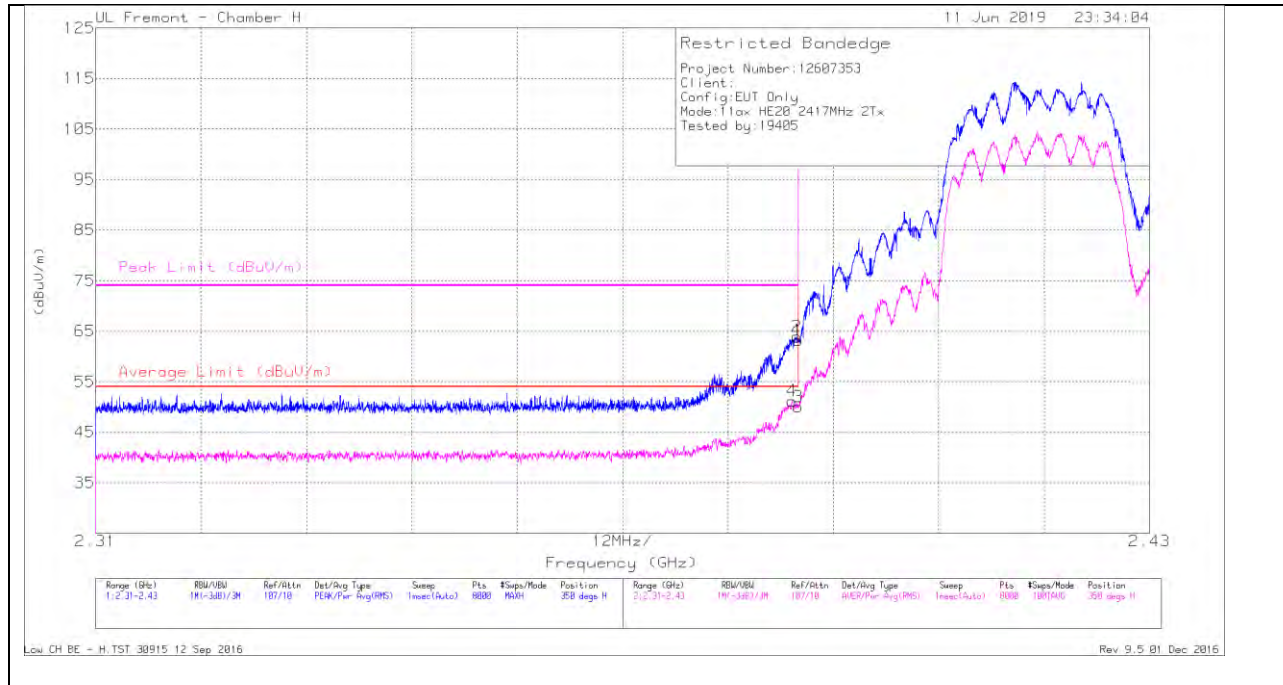
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



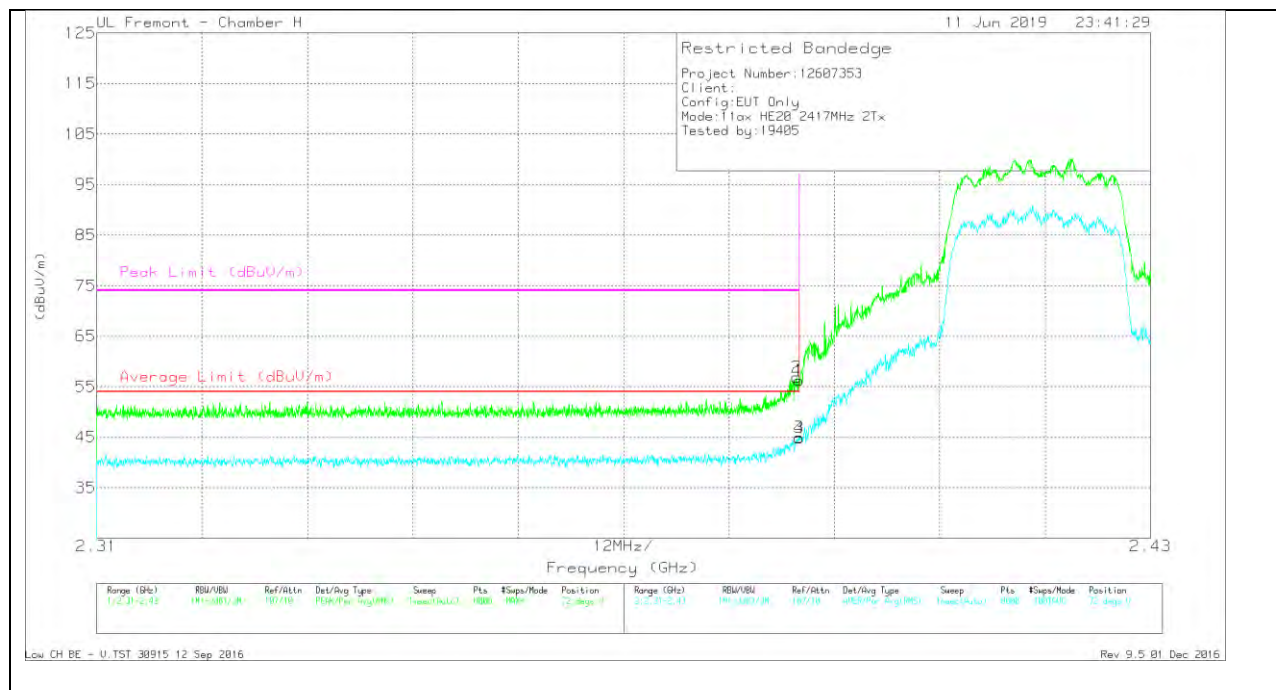
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.56                | Pk  | 32.1           | -23.5                   | 63.16                      | -                      | -           | 74                  | -10.84         | 350            | 151         | H        |
| 2      | * 2.39          | 55.29                | Pk  | 32.1           | -23.5                   | 63.89                      | -                      | -           | 74                  | -10.11         | 350            | 151         | H        |
| 3      | * 2.39          | 41.5                 | RMS | 32.1           | -23.5                   | 50.1                       | 54                     | -3.9        | -                   | -              | 350            | 151         | H        |
| 4      | * 2.389         | 42.62                | RMS | 32.1           | -23.5                   | 51.22                      | 54                     | -2.78       | -                   | -              | 350            | 151         | 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 T663 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 47.64                | Pk  | 32.1           | -23.5                  | 56.24                      | -                      | -           | 74                  | -17.76         | 72             | 403         | V        |
| 2      | * 2.39          | 48.31                | Pk  | 32.1           | -23.5                  | 56.91                      | -                      | -           | 74                  | -17.09         | 72             | 403         | V        |
| 3      | * 2.39          | 36.32                | RMS | 32.1           | -23.5                  | 44.92                      | 54                     | -9.08       | -                   | -              | 72             | 403         | V        |
| 4      | * 2.39          | 36.28                | RMS | 32.1           | -23.5                  | 44.88                      | 54                     | -9.12       | -                   | -              | 72             | 403         | V        |

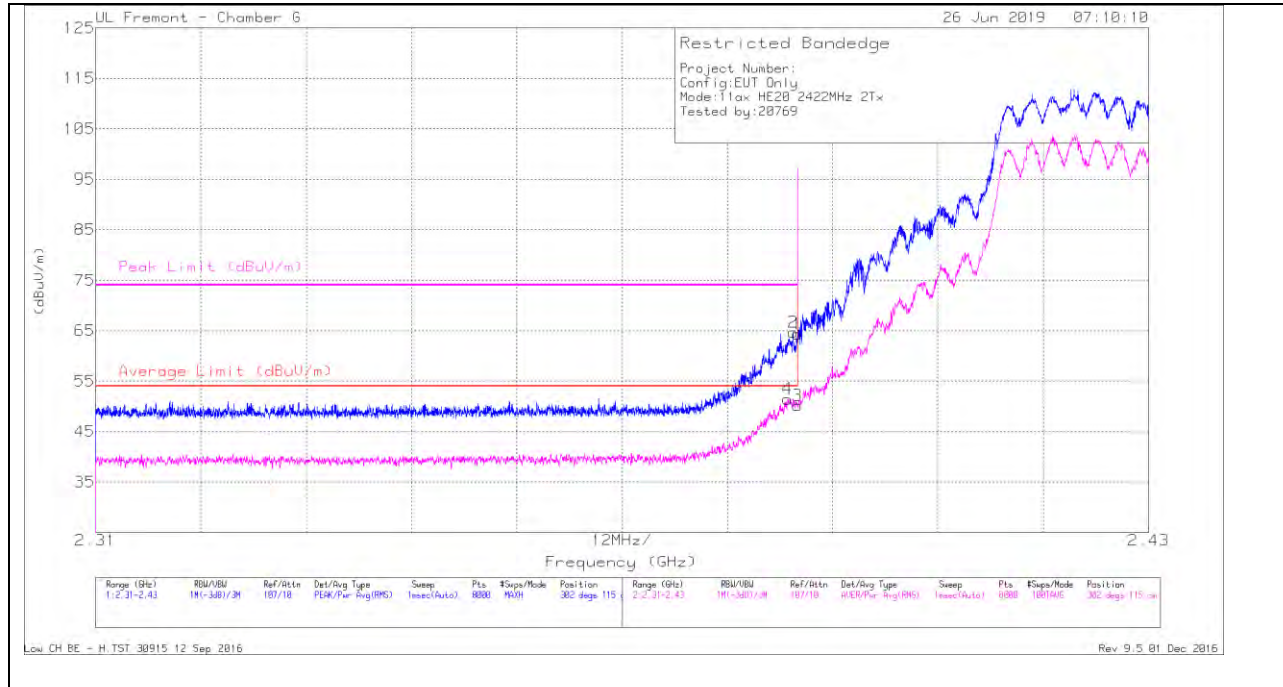
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANEDGE (LOW CHANNEL, CH 3)

### HORIZONTAL RESULT



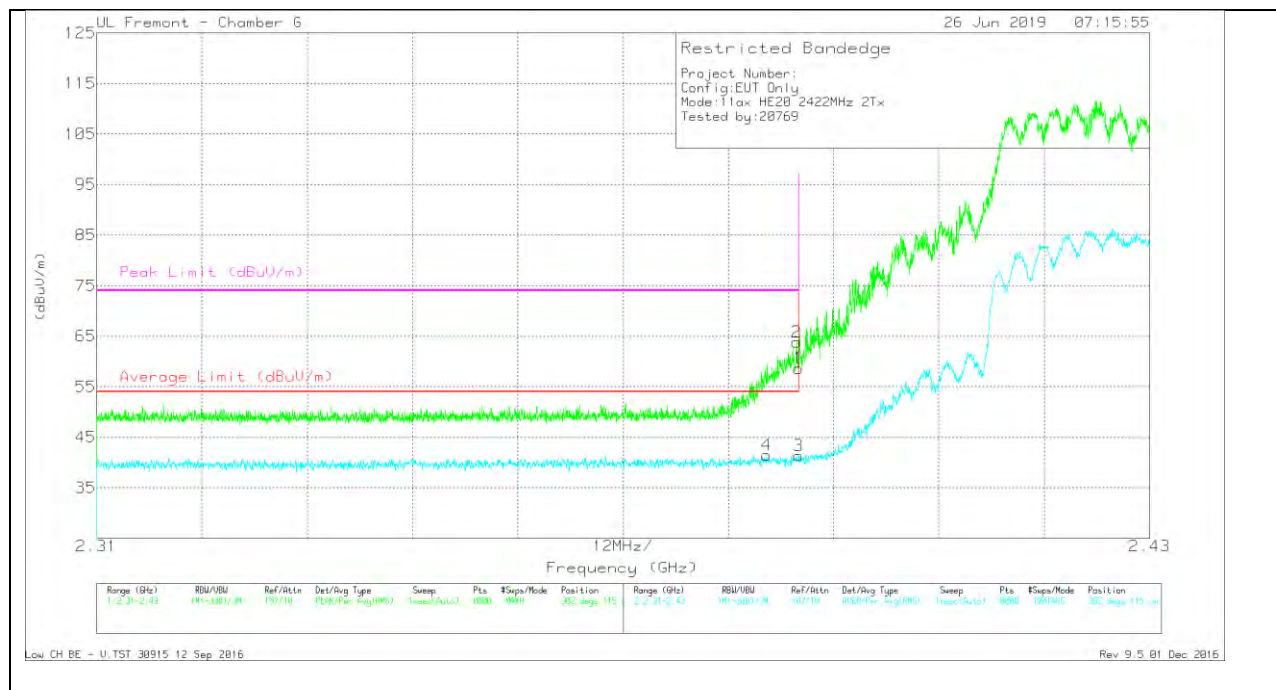
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.62                | Pk  | 31.9           | -22.2                   | 64.32                      | -                      | -           | 74                  | -9.68          | 302            | 115         | H        |
| 2      | * 2.389         | 55.04                | Pk  | 31.9           | -22.2                   | 64.74                      | -                      | -           | 74                  | -9.26          | 302            | 115         | H        |
| 3      | * 2.39          | 40.5                 | RMS | 31.9           | -22.2                   | 50.2                       | 54                     | -3.8        | -                   | -              | 302            | 115         | H        |
| 4      | * 2.389         | 41.77                | RMS | 31.9           | -22.2                   | 51.47                      | 54                     | -2.53       | -                   | -              | 302            | 115         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (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          | 48.97                | Pk  | 31.9           | -22.2                   | 58.67                      | -                      | -           | 74                  | -15.33         | 302            | 115         | V        |
| 2      | * 2.39          | 54.17                | Pk  | 31.9           | -22.2                   | 63.87                      | -                      | -           | 74                  | -10.13         | 302            | 115         | V        |
| 3      | * 2.39          | 31.64                | RMS | 31.9           | -22.2                   | 41.34                      | 54                     | -12.66      | -                   | -              | 302            | 115         | V        |
| 4      | * 2.386         | 31.72                | RMS | 31.9           | -22.2                   | 41.42                      | 54                     | -12.58      | -                   | -              | 302            | 115         | V        |

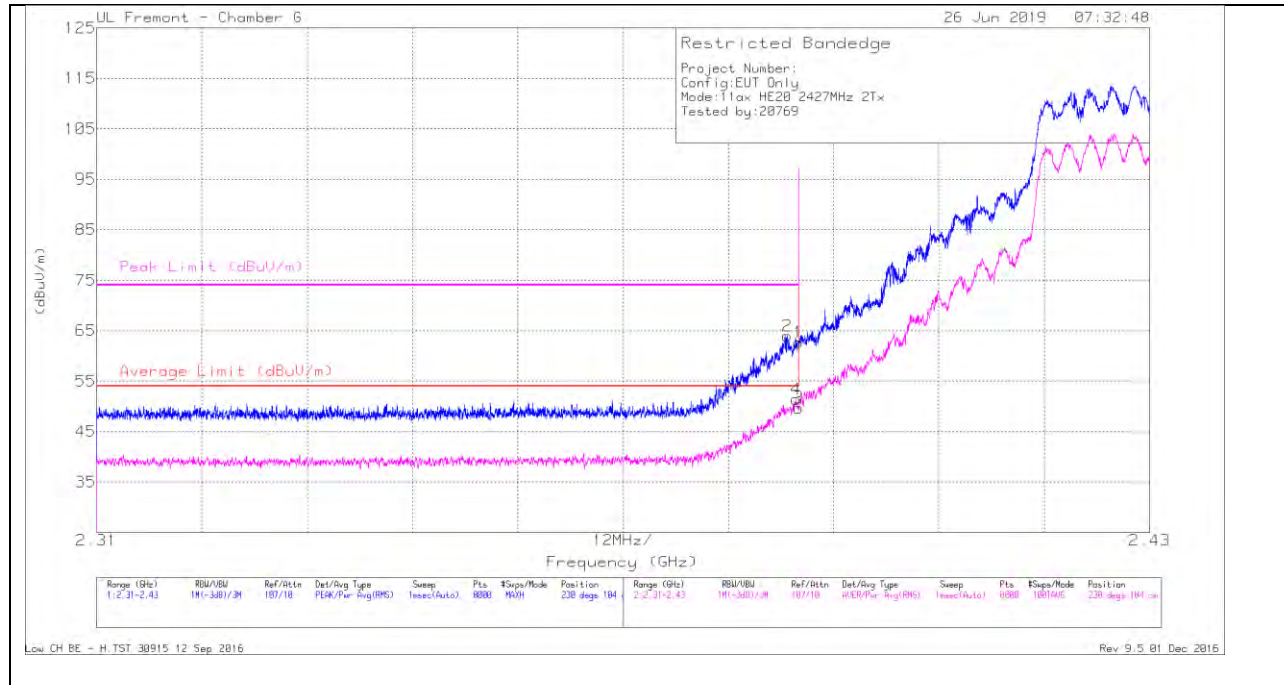
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



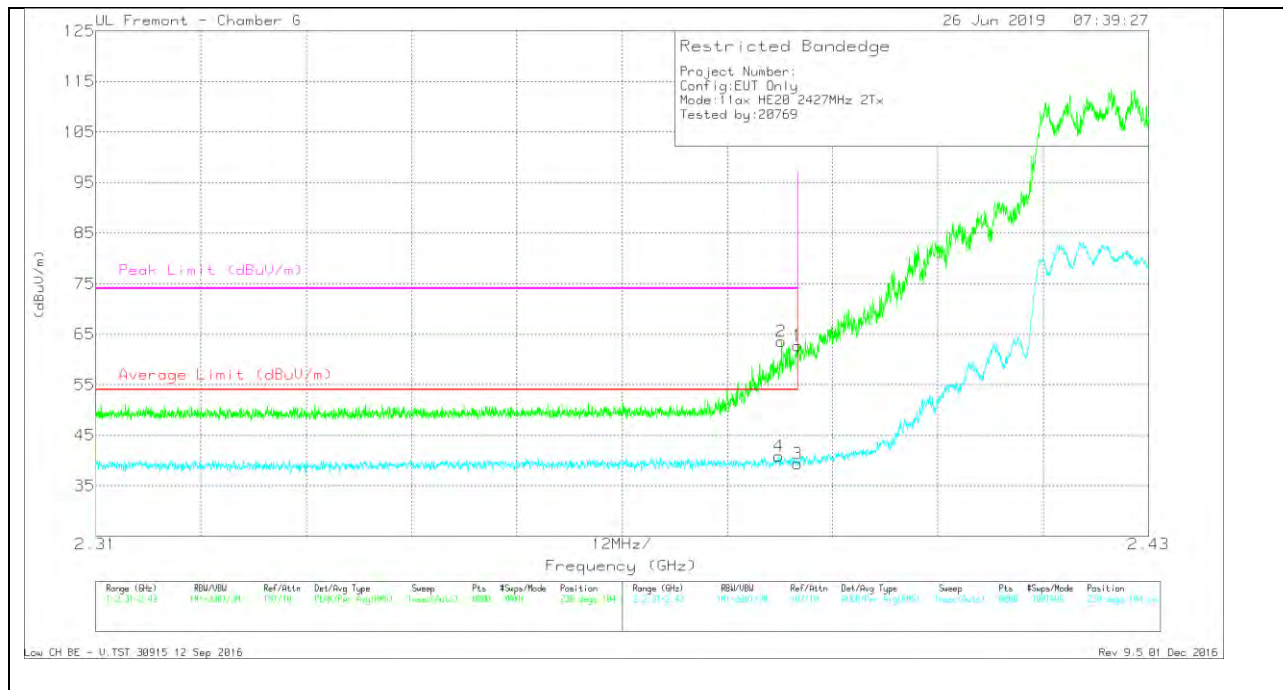
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 53.06                | Pk  | 31.9           | -22.2                   | 62.76                      | -                      | -           | 74                  | -11.24         | 230            | 104         | H        |
| 2      | * 2.389         | 54.24                | Pk  | 31.9           | -22.2                   | 63.94                      | -                      | -           | 74                  | -10.06         | 230            | 104         | H        |
| 3      | * 2.39          | 40.03                | RMS | 31.9           | -22.2                   | 49.73                      | 54                     | -4.27       | -                   | -              | 230            | 104         | H        |
| 4      | * 2.39          | 41.74                | RMS | 31.9           | -22.2                   | 51.44                      | 54                     | -2.56       | -                   | -              | 230            | 104         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 53.03                | Pk  | 31.9           | -22.2                  | 62.73                      | -                      | -           | 74                  | -11.27         | 230            | 104         | V        |
| 2      | * 2.388         | 53.87                | Pk  | 31.9           | -22.2                  | 63.57                      | -                      | -           | 74                  | -10.43         | 230            | 104         | V        |
| 3      | * 2.39          | 29.67                | RMS | 31.9           | -22.2                  | 39.37                      | 54                     | -14.63      | -                   | -              | 230            | 104         | V        |
| 4      | * 2.388         | 31.15                | RMS | 31.9           | -22.2                  | 40.85                      | 54                     | -13.15      | -                   | -              | 230            | 104         | V        |

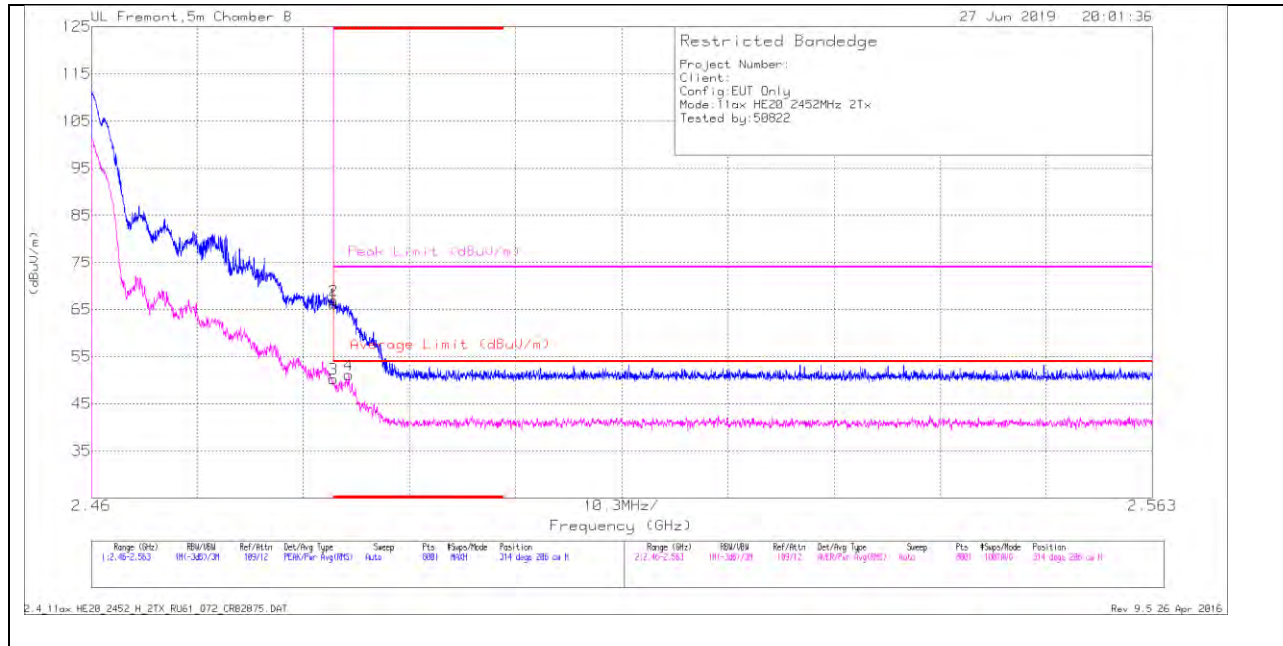
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



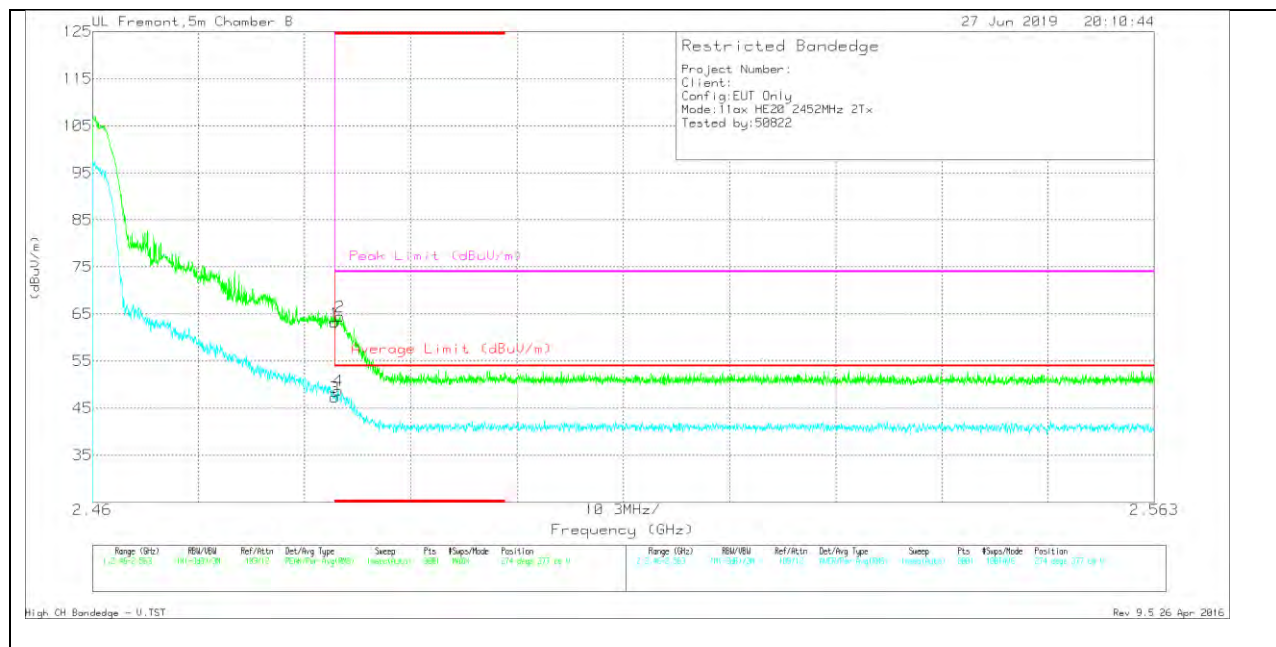
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.84                | PK  | 32.3           | -18.9                  | 66.24                      | -                      | -           | 74                  | -7.76          | 314            | 206         | H        |
| 2      | * 2.484         | 53.51                | PK  | 32.3           | -18.9                  | 66.91                      | -                      | -           | 74                  | -7.09          | 314            | 206         | H        |
| 3      | * 2.484         | 36.88                | RMS | 32.3           | -18.9                  | 50.28                      | 54                     | -3.72       | -                   | -              | 314            | 206         | H        |
| 4      | * 2.485         | 37.71                | RMS | 32.3           | -18.9                  | 51.11                      | 54                     | -2.89       | -                   | -              | 314            | 206         | H        |

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

PK - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBUV) | Det | AF T344 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 49.78                | Pk  | 32.3           | -18.9                   | 63.18                      | -                      | -           | 74                  | -10.82         | 274            | 377         | V        |
| 2      | * 2.484         | 51.06                | Pk  | 32.3           | -18.9                   | 64.46                      | -                      | -           | 74                  | -9.54          | 274            | 377         | V        |
| 3      | * 2.484         | 33.95                | RMS | 32.3           | -18.9                   | 47.35                      | 54                     | -6.65       | -                   | -              | 274            | 377         | V        |
| 4      | * 2.484         | 35.39                | RMS | 32.3           | -18.9                   | 48.79                      | 54                     | -5.21       | -                   | -              | 274            | 377         | V        |

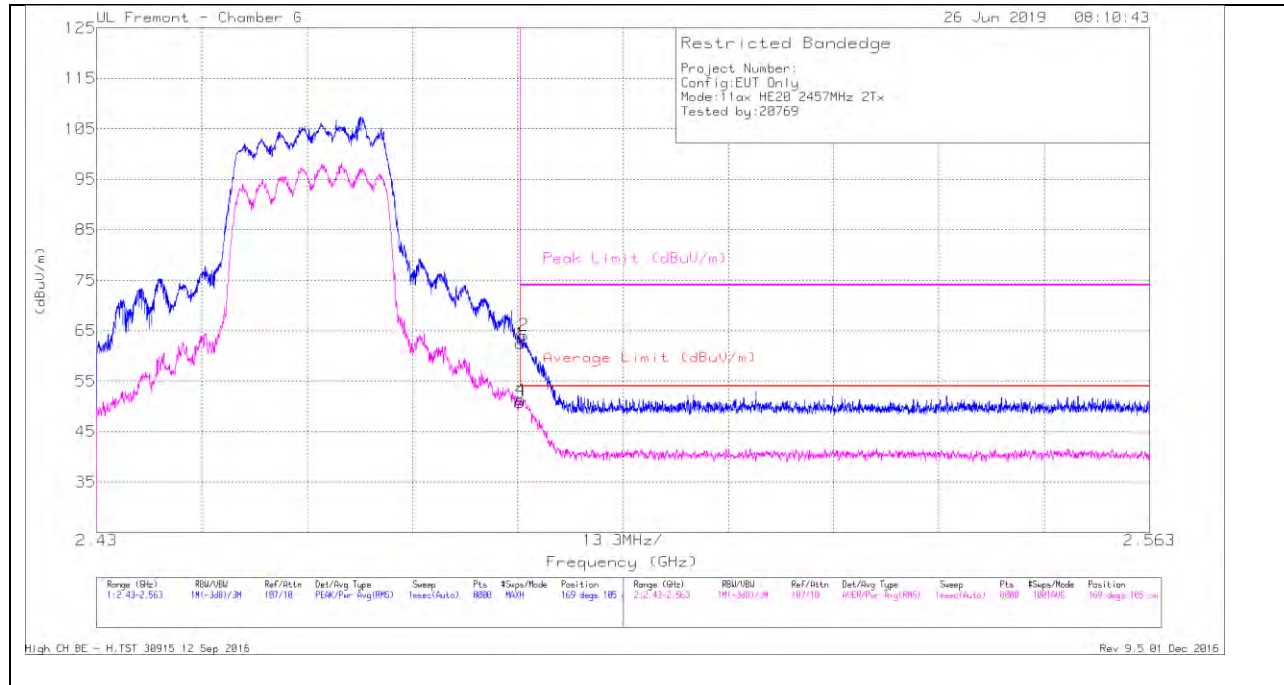
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

## **HORIZONTAL RESULT**



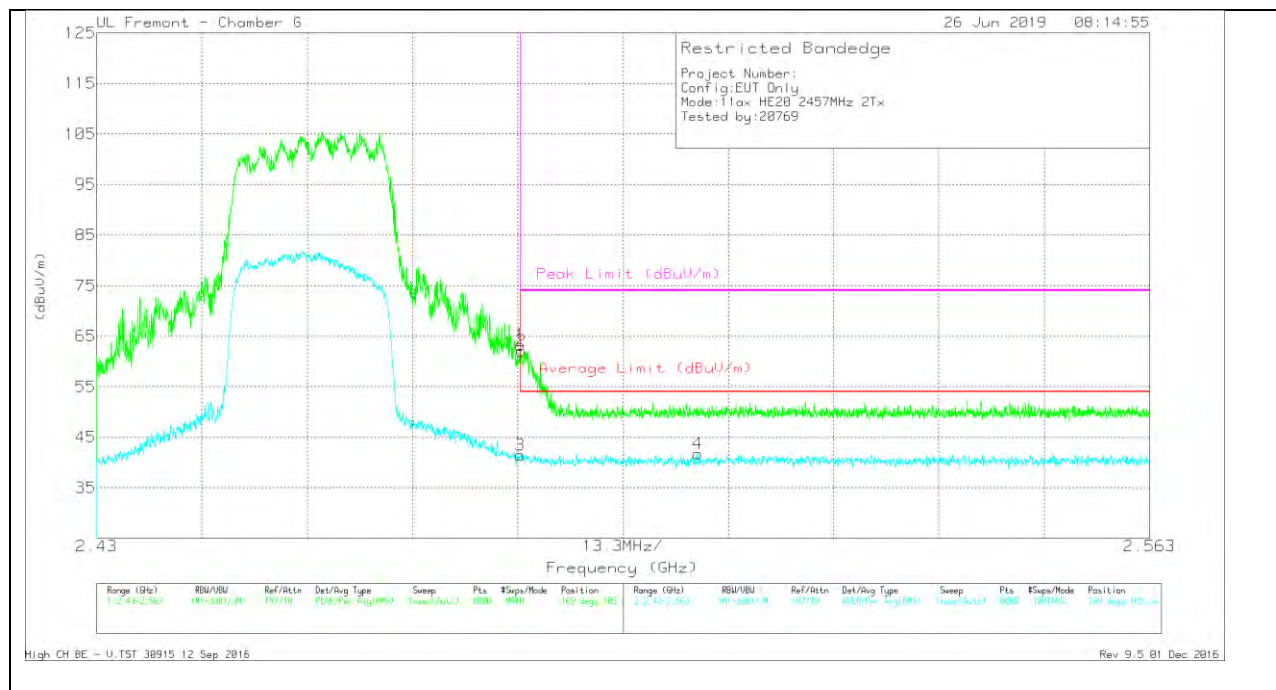
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Fitr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.2                 | Pk  | 32.4           | -22.1                  | 62.5                       | -                      | -           | 74                  | -11.5          | 169            | 105         | H        |
| 2      | * 2.484         | 53.83                | Pk  | 32.4           | -22.1                  | 64.13                      | -                      | -           | 74                  | -9.87          | 169            | 105         | H        |
| 3      | * 2.484         | 40.48                | RMS | 32.4           | -22.1                  | 50.78                      | 54                     | -3.22       | -                   | -              | 169            | 105         | H        |
| 4      | * 2.484         | 40.94                | RMS | 32.4           | -22.1                  | 51.24                      | 54                     | -2.76       | -                   | -              | 169            | 105         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.97                | Pk  | 32.4           | -22.1                   | 63.27                      | -                      | -           | 74                  | -10.73         | 169            | 105         | V        |
| 2      | * 2.484         | 51.76                | Pk  | 32.4           | -22.1                   | 62.06                      | -                      | -           | 74                  | -11.94         | 169            | 105         | V        |
| 3      | * 2.484         | 31.21                | RMS | 32.4           | -22.1                   | 41.51                      | 54                     | -12.49      | -                   | -              | 169            | 105         | V        |
| 4      | 2.506           | 31.56                | RMS | 32.4           | -22.2                   | 41.76                      | 54                     | -12.24      | -                   | -              | 169            | 105         | V        |

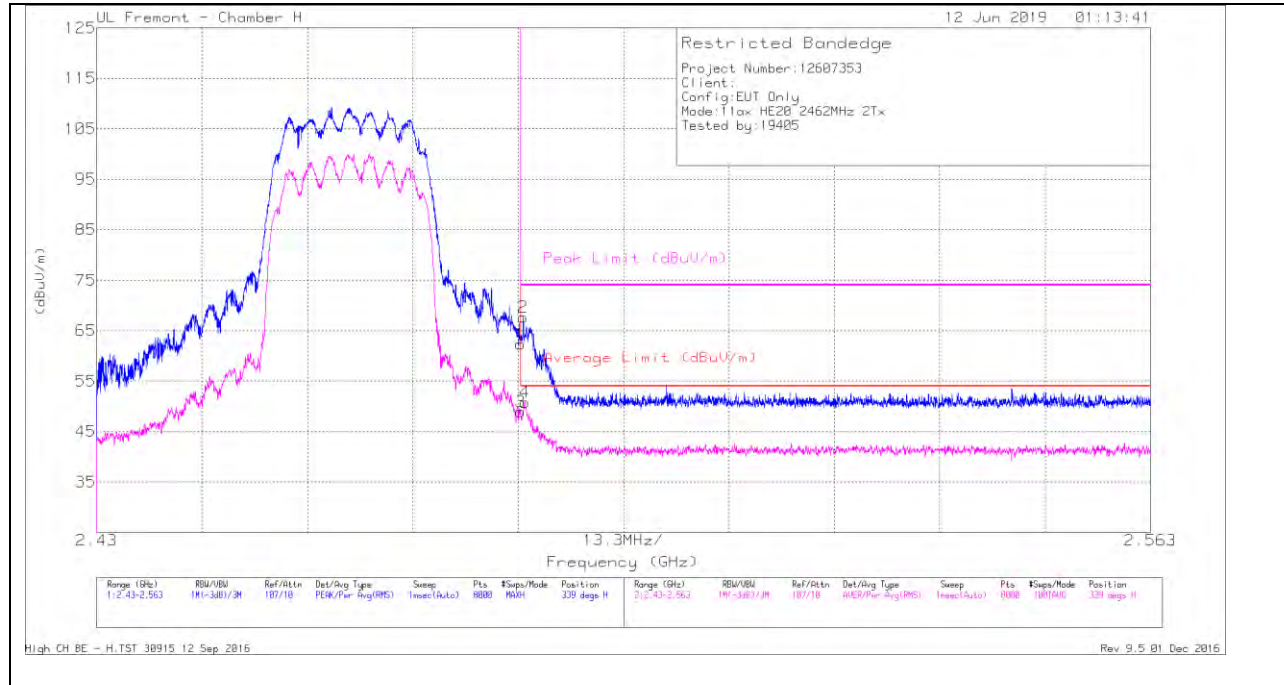
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 11)

### HORIZONTAL RESULT



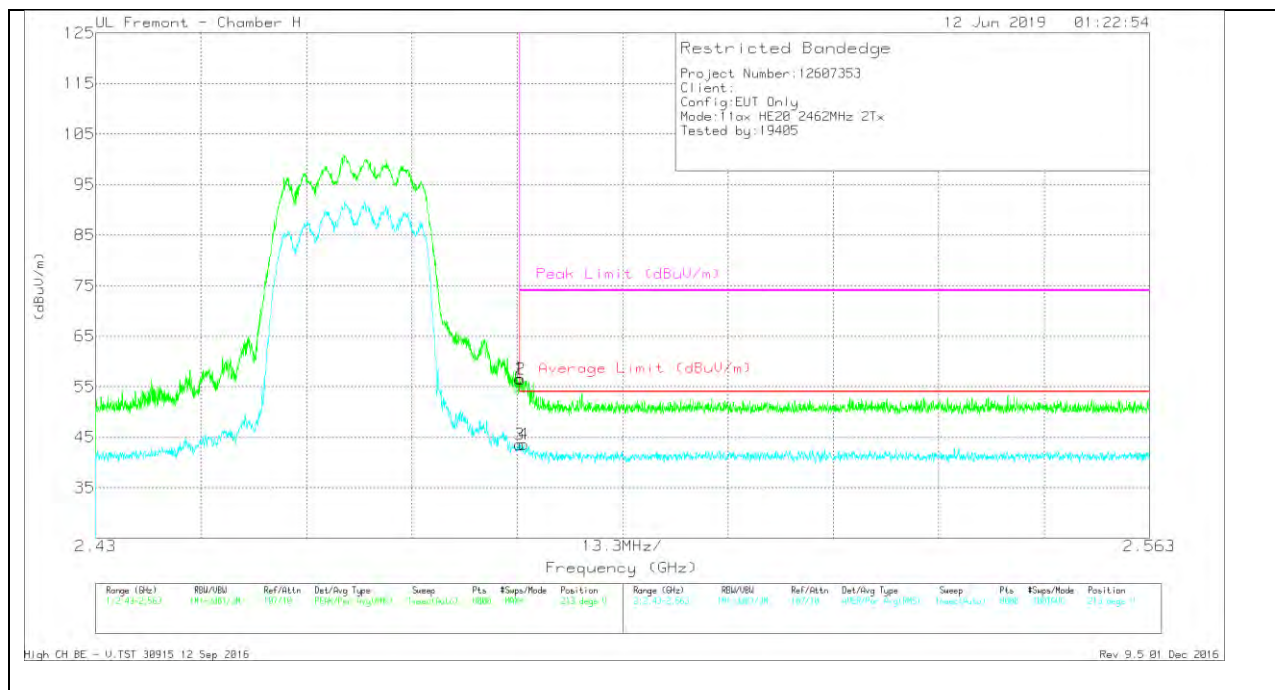
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 53.1                 | Pk  | 32.5           | -23.3                   | 62.3                       | -                      | -           | 74                  | -11.7          | 339            | 140         | H        |
| 2      | * 2.484         | 58.44                | Pk  | 32.5           | -23.3                   | 67.64                      | -                      | -           | 74                  | -6.36          | 339            | 140         | H        |
| 3      | * 2.484         | 39.75                | RMS | 32.5           | -23.3                   | 48.95                      | 54                     | -5.05       | -                   | -              | 339            | 140         | H        |
| 4      | * 2.484         | 41.58                | RMS | 32.5           | -23.3                   | 50.78                      | 54                     | -3.22       | -                   | -              | 339            | 140         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/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         | 47.47                | Pk  | 32.5           | -23.3                   | 56.67                      | -                      | -           | 74                  | -17.33         | 213            | 327         | V        |
| 2      | * 2.484         | 47.29                | Pk  | 32.5           | -23.3                   | 56.49                      | -                      | -           | 74                  | -17.51         | 213            | 327         | V        |
| 3      | * 2.484         | 34.33                | RMS | 32.5           | -23.3                   | 43.53                      | 54                     | -10.47      | -                   | -              | 213            | 327         | V        |
| 4      | * 2.484         | 34.39                | RMS | 32.5           | -23.3                   | 43.59                      | 54                     | -10.41      | -                   | -              | 213            | 327         | V        |

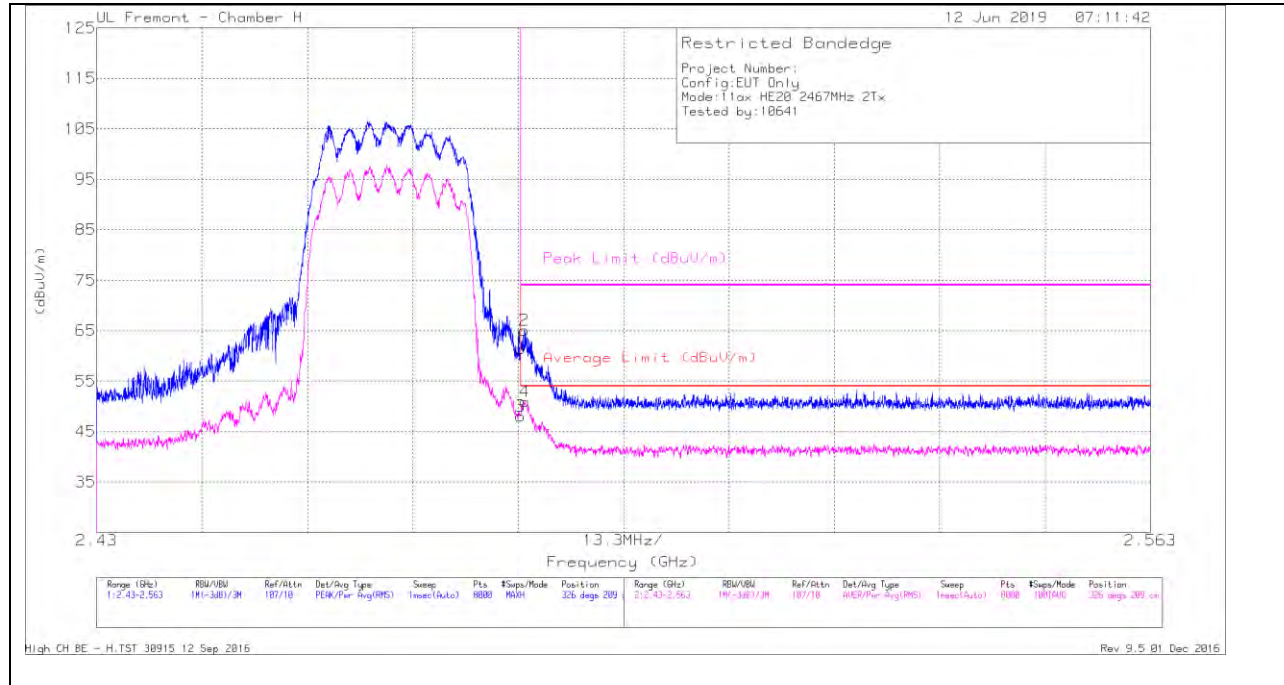
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 12)

### HORIZONTAL RESULT



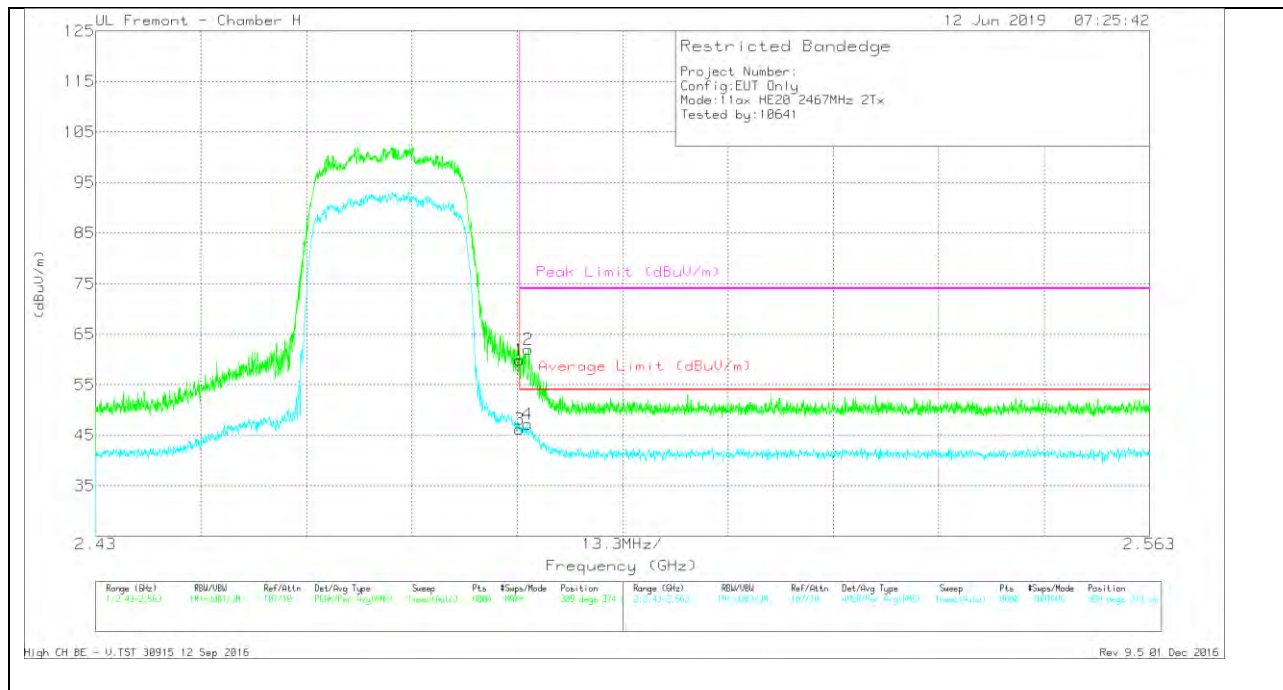
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.31                | Pk  | 32.5           | -23.3                   | 61.51                      | -                      | -           | 74                  | -12.49         | 326            | 209         | H        |
| 2      | * 2.484         | 55.86                | Pk  | 32.5           | -23.3                   | 65.06                      | -                      | -           | 74                  | -8.94          | 326            | 209         | H        |
| 3      | * 2.484         | 38.9                 | RMS | 32.5           | -23.3                   | 48.1                       | 54                     | -5.9        | -                   | -              | 326            | 209         | H        |
| 4      | * 2.484         | 41.73                | RMS | 32.5           | -23.3                   | 50.93                      | 54                     | -3.07       | -                   | -              | 326            | 209         | 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 T663 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 50.66                | Pk  | 32.5           | -23.3                  | 59.86                      | -                      | -           | 74                  | -14.14         | 309            | 374         | V        |
| 2      | * 2.485         | 52.75                | Pk  | 32.5           | -23.3                  | 61.95                      | -                      | -           | 74                  | -12.05         | 309            | 374         | V        |
| 3      | * 2.484         | 36.97                | RMS | 32.5           | -23.3                  | 46.17                      | 54                     | -7.83       | -                   | -              | 309            | 374         | V        |
| 4      | * 2.485         | 37.96                | RMS | 32.5           | -23.3                  | 47.16                      | 54                     | -6.84       | -                   | -              | 309            | 374         | V        |

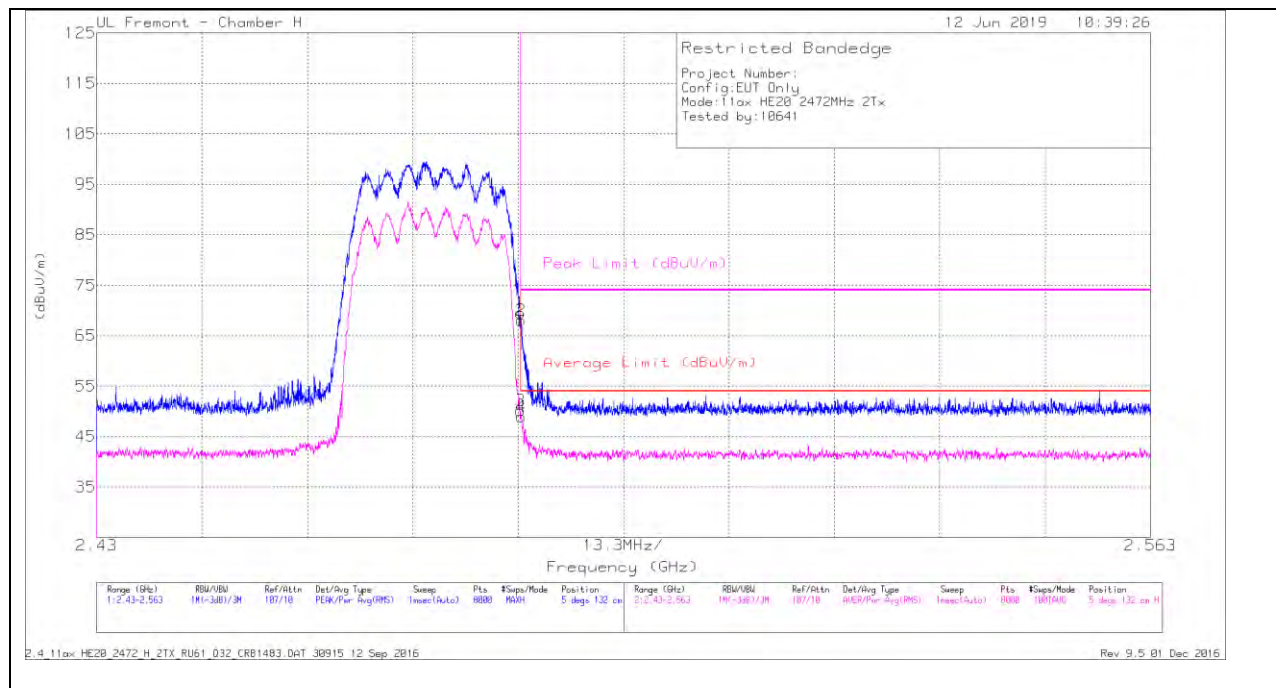
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL, CH 13)

### HORIZONTAL RESULT



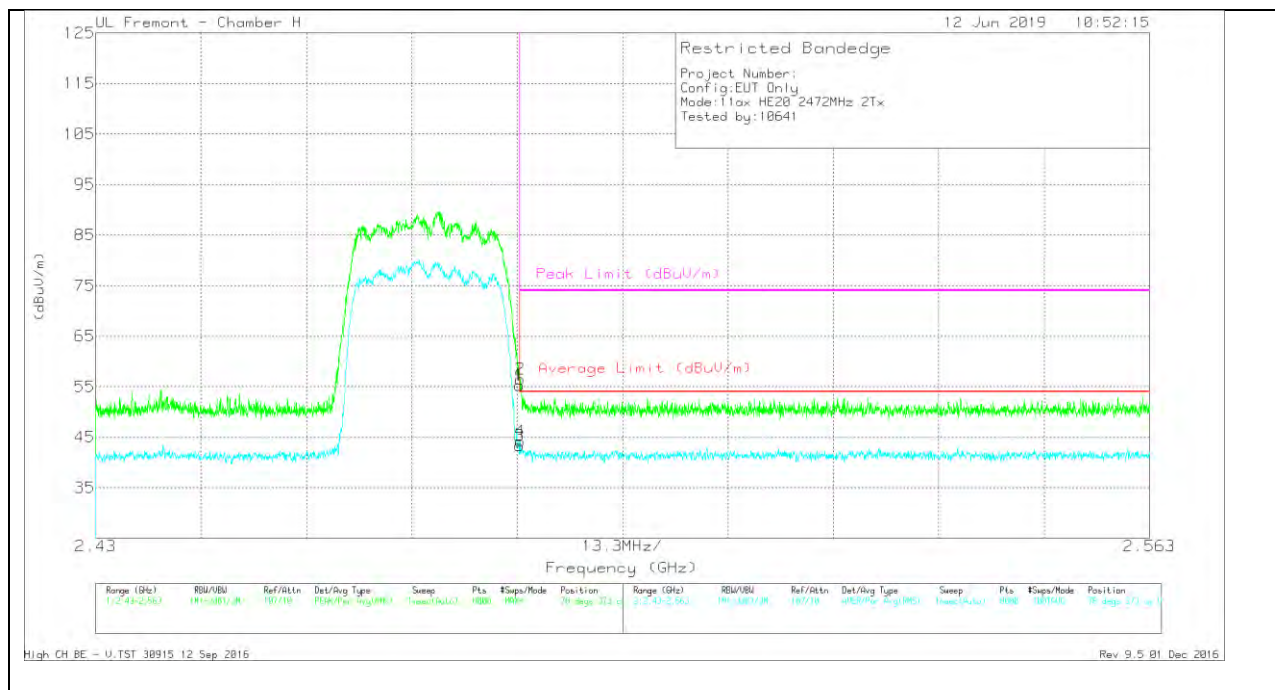
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T663 (dB/m) | Amp/Cbl/Filt/P ad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 60.32                | Pk  | 32.5           | -23.3                  | 69.52                      | -                      | -           | 74                  | -4.48          | 5              | 132         | H        |
| 2      | * 2.484         | 58.84                | Pk  | 32.5           | -23.3                  | 68.04                      | -                      | -           | 74                  | -5.96          | 5              | 132         | H        |
| 3      | * 2.484         | 40.92                | RMS | 32.5           | -23.3                  | 50.12                      | 54                     | -3.88       | -                   | -              | 5              | 132         | H        |
| 4      | * 2.484         | 39.77                | RMS | 32.5           | -23.3                  | 48.97                      | 54                     | -5.03       | -                   | -              | 5              | 132         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/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         | 46.08                | Pk  | 32.5           | -23.3                   | 55.28                      | -                      | -           | 74                  | -18.72         | 78             | 373         | V        |
| 2      | * 2.484         | 47.31                | Pk  | 32.5           | -23.3                   | 56.51                      | -                      | -           | 74                  | -17.49         | 78             | 373         | V        |
| 3      | * 2.484         | 34.18                | RMS | 32.5           | -23.3                   | 43.38                      | 54                     | -10.62      | -                   | -              | 78             | 373         | V        |
| 4      | * 2.484         | 35.06                | RMS | 32.5           | -23.3                   | 44.26                      | 54                     | -9.74       | -                   | -              | 78             | 373         | V        |

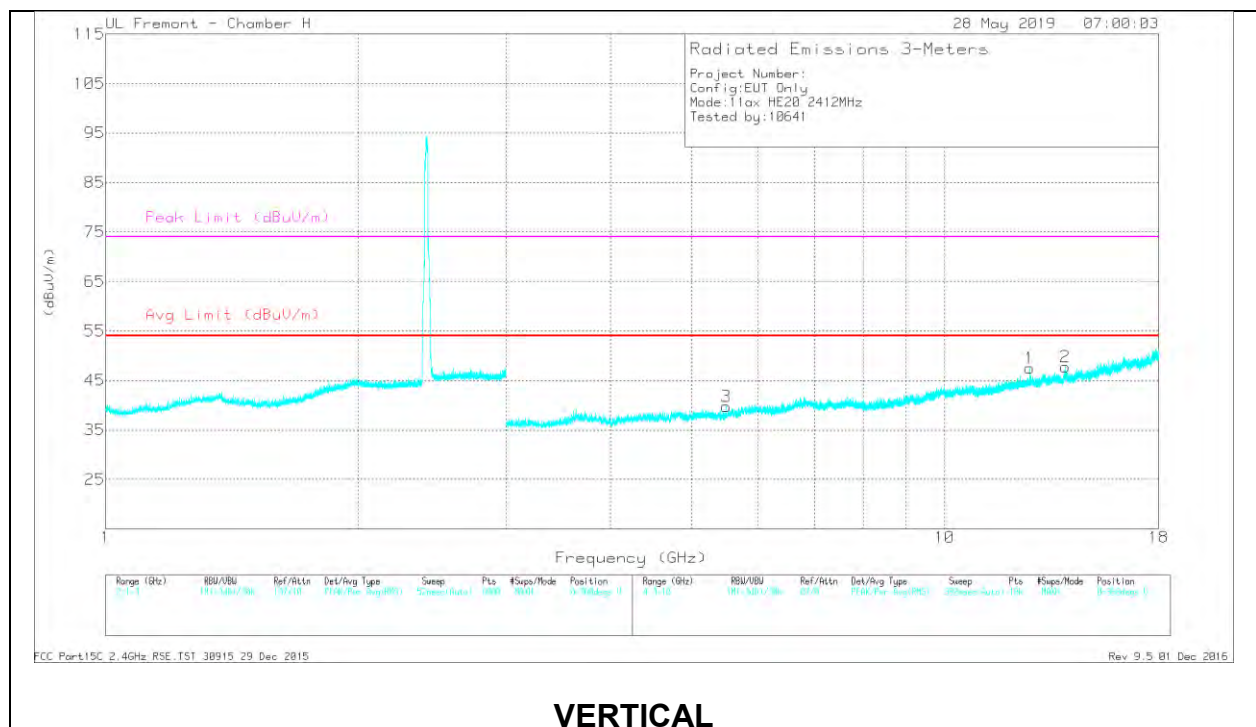
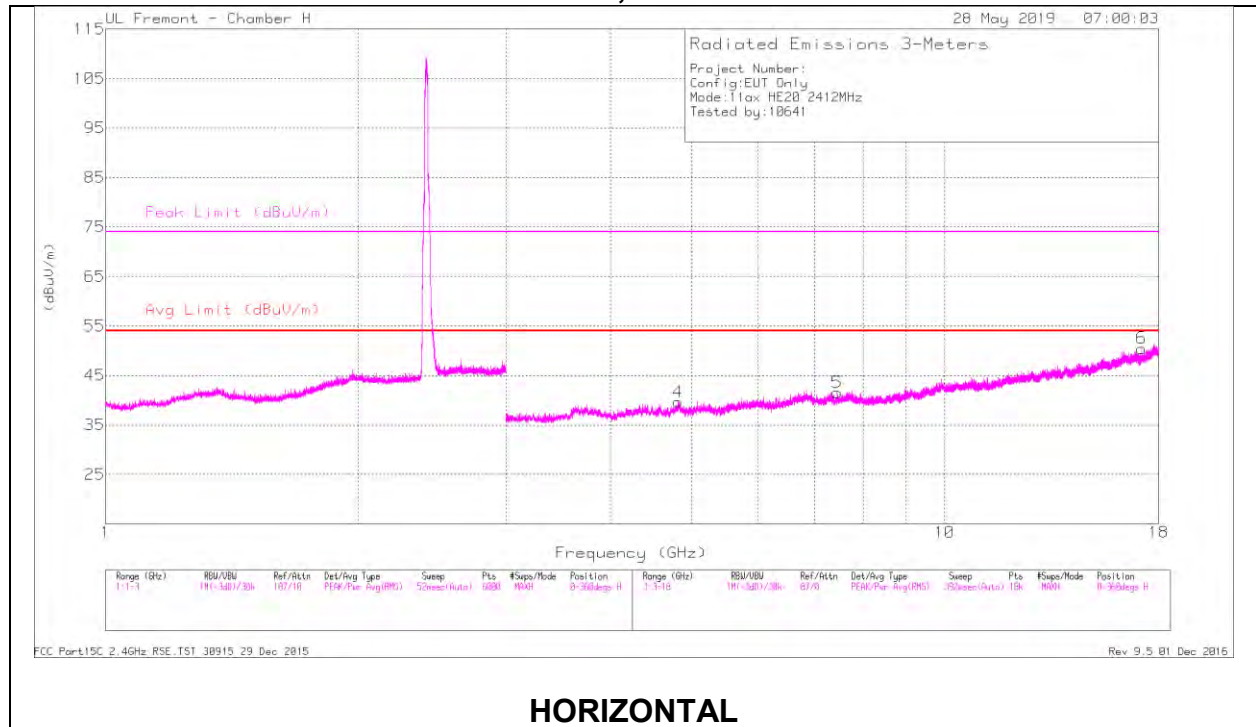
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Fitr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 4.816         | 41.52                | PK2  | 34.1           | -30.3                  | 45.32                      | -                  | -           | 74                  | -28.68         | 190            | 123         | H        |
|        | * 4.815         | 30.8                 | MAv1 | 34.1           | -30.3                  | 34.6                       | 54                 | -19.4       | -                   | -              | 190            | 123         | H        |
| 5      | * 7.452         | 38.78                | PK2  | 36.5           | -27.4                  | 47.88                      | -                  | -           | 74                  | -26.12         | 152            | 161         | H        |
|        | * 7.452         | 27.22                | MAv1 | 36.5           | -27.4                  | 36.32                      | 54                 | -17.68      | -                   | -              | 152            | 161         | H        |
| 1      | * 12.632        | 35.9                 | PK2  | 39.2           | -22.7                  | 52.4                       | -                  | -           | 74                  | -21.6          | 282            | 160         | V        |
|        | * 12.632        | 24.04                | MAv1 | 39.2           | -22.6                  | 40.64                      | 54                 | -13.36      | -                   | -              | 282            | 160         | V        |
| 3      | 5.497           | 41.05                | PK2  | 34.6           | -29.5                  | 46.15                      | -                  | -           | 74                  | -27.85         | 196            | 212         | V        |
| 2      | 13.93           | 35.39                | PK2  | 39.1           | -21                    | 53.49                      | -                  | -           | 74                  | -20.51         | 139            | 100         | V        |
| 6      | 17.183          | 35.44                | PK2  | 41.2           | -20.5                  | 56.14                      | -                  | -           | 74                  | -17.86         | 161            | 182         | H        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



## RADIATED EMISSIONS

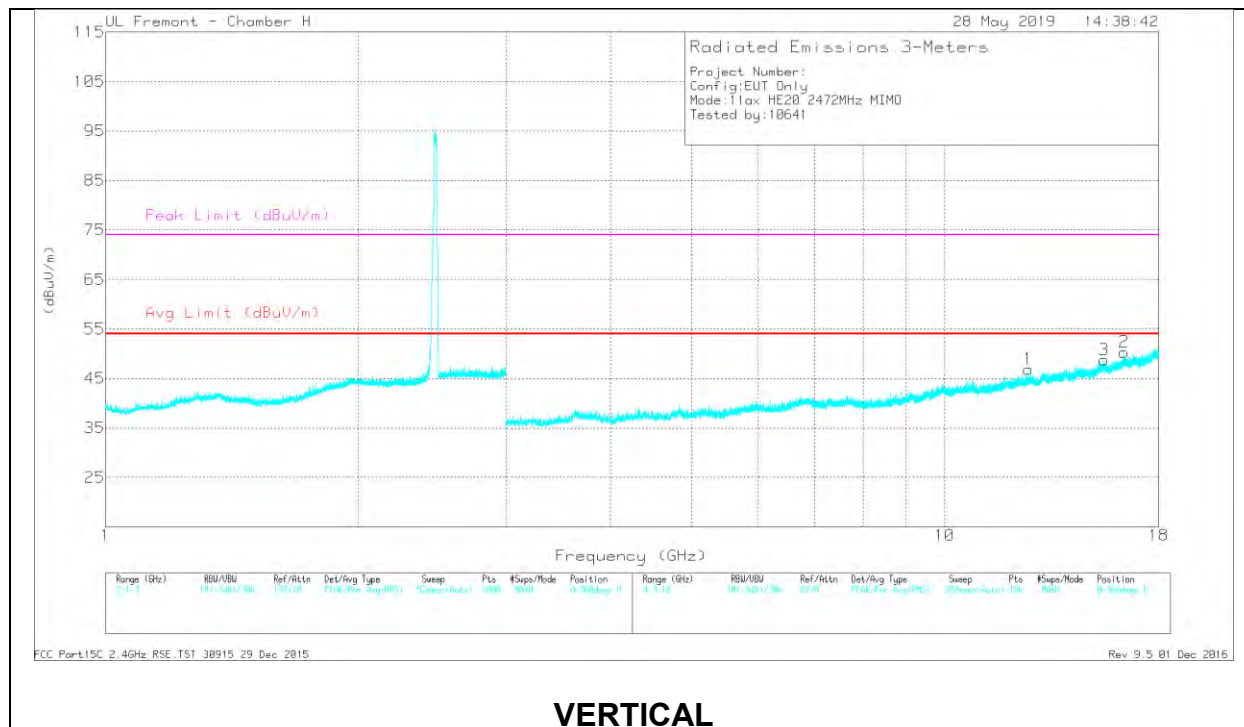
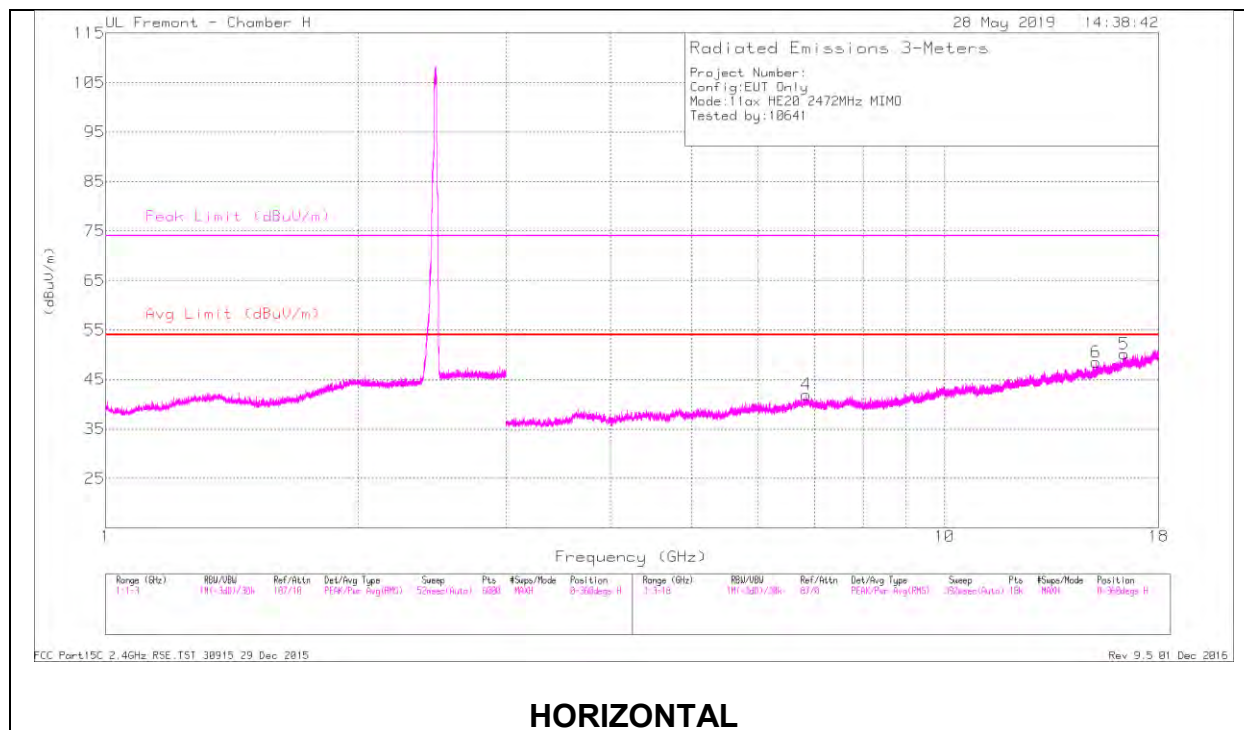
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Fitr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 4.831         | 41.66                | PK2  | 34.1           | -30.4                  | 45.36                      | -                  | -           | 74                  | -28.64         | 92             | 124         | H        |
|        | * 4.83          | 30.87                | MAv1 | 34.1           | -30.4                  | 34.57                      | 54                 | -19.43      | -                   | -              | 92             | 124         | H        |
| 1      | * 4.836         | 41.26                | PK2  | 34             | -30.3                  | 44.96                      | -                  | -           | 74                  | -29.04         | 157            | 183         | V        |
|        | * 4.836         | 30.5                 | MAv1 | 34             | -30.3                  | 34.2                       | 54                 | -19.8       | -                   | -              | 157            | 183         | V        |
| 2      | * 11.947        | 36.34                | PK2  | 38.8           | -23.1                  | 52.04                      | -                  | -           | 74                  | -21.96         | 175            | 204         | V        |
|        | * 11.945        | 24.86                | MAv1 | 38.8           | -23.2                  | 40.46                      | 54                 | -13.54      | -                   | -              | 175            | 204         | V        |
| 3      | * 15.687        | 36.44                | PK2  | 40.6           | -22.4                  | 54.64                      | -                  | -           | 74                  | -19.36         | 149            | 182         | V        |
|        | * 15.684        | 25.23                | MAv1 | 40.6           | -22.4                  | 43.43                      | 54                 | -10.57      | -                   | -              | 149            | 182         | V        |
| 5      | 8.585           | 37.4                 | PK2  | 35.9           | -25.4                  | 47.9                       | -                  | -           | 74                  | -26.10         | 120            | 193         | H        |
| 6      | 13.734          | 36.4                 | PK2  | 39.1           | -22.6                  | 52.9                       | -                  | -           | 74                  | -21.10         | 154            | 216         | H        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL, CH 13 RESULTS



## RADIATED EMISSIONS

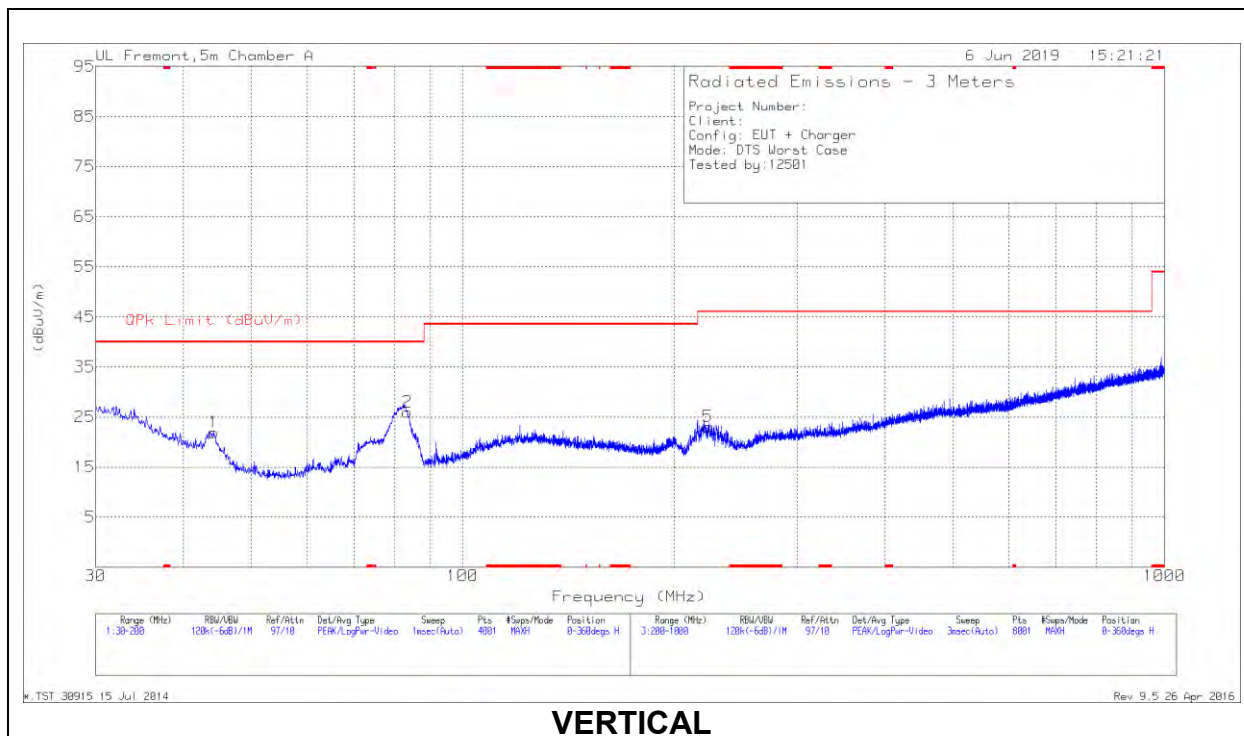
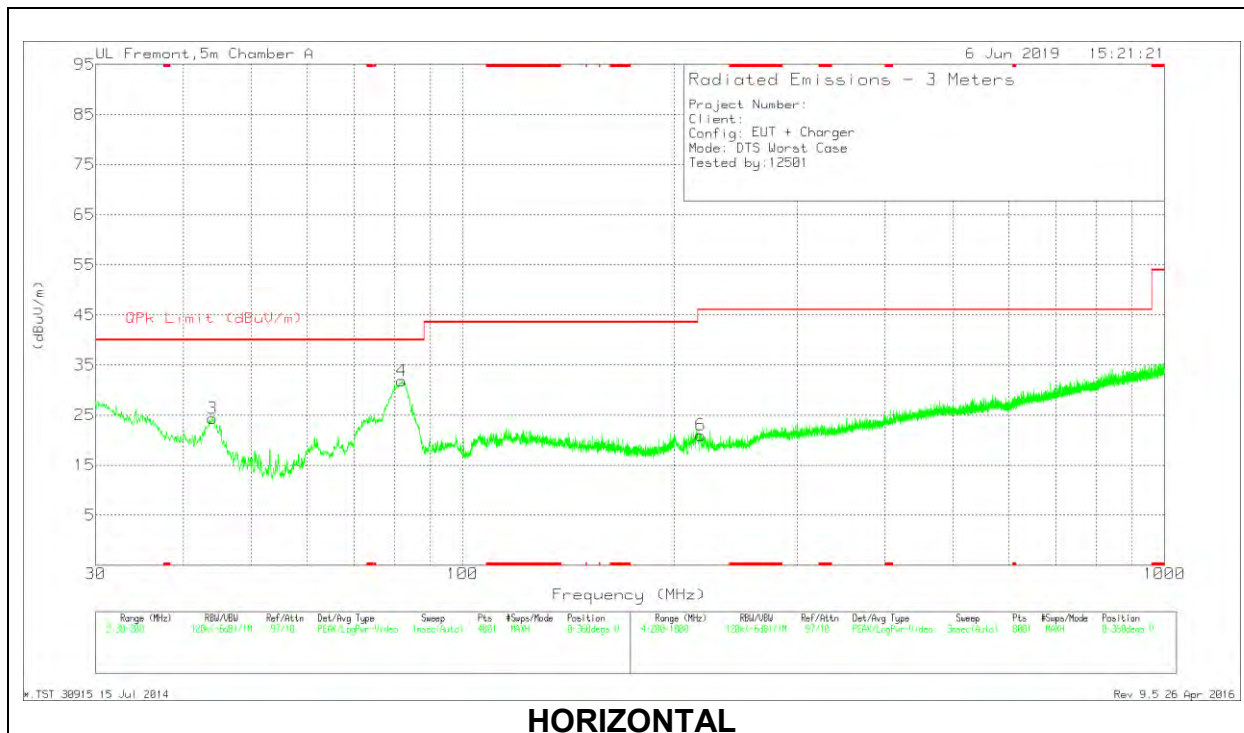
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T136 (dB/m) | Amp/Cbl/Filtr/ Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 12.599        | 35.22                | PK2  | 39.3           | -22.7                   | 51.82                      | -                  | -           | 74                  | -22.18         | 302            | 163         | V        |
|        | * 12.596        | 24.47                | MAv1 | 39.3           | -22.8                   | 40.97                      | 54                 | -13.03      | -                   | -              | 302            | 163         | V        |
| 3      | * 15.492        | 35.2                 | PK2  | 41             | -21.6                   | 54.6                       | -                  | -           | 74                  | -19.4          | 251            | 181         | V        |
|        | * 15.49         | 24.44                | MAv1 | 40.9           | -21.7                   | 43.64                      | 54                 | -10.36      | -                   | -              | 251            | 181         | V        |
| 4      | 6.846           | 39.41                | PK2  | 36.7           | -27.7                   | 48.41                      | -                  | -           | 74                  | -25.59         | 164            | 202         | H        |
| 6      | 15.16           | 36.11                | PK2  | 40.2           | -22.5                   | 53.81                      | -                  | -           | 74                  | -20.19         | 189            | 196         | H        |
| 2      | 16.369          | 35.7                 | PK2  | 41.5           | -20.7                   | 56.5                       | -                  | -           | 74                  | -17.50         | 224            | 194         | V        |
| 5      | 16.373          | 36.23                | PK2  | 41.4           | -20.9                   | 56.73                      | -                  | -           | 74                  | -17.27         | 151            | 214         | H        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 9.2. WORST CASE BELOW 1 GHz

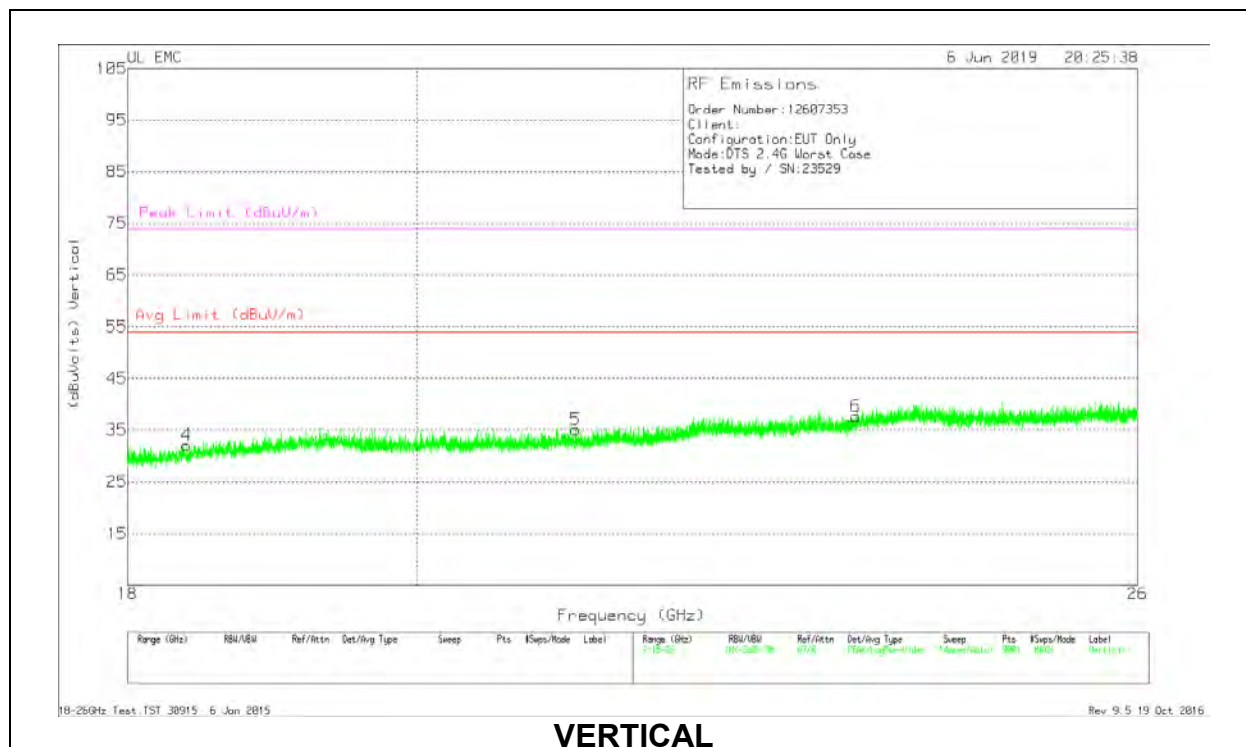
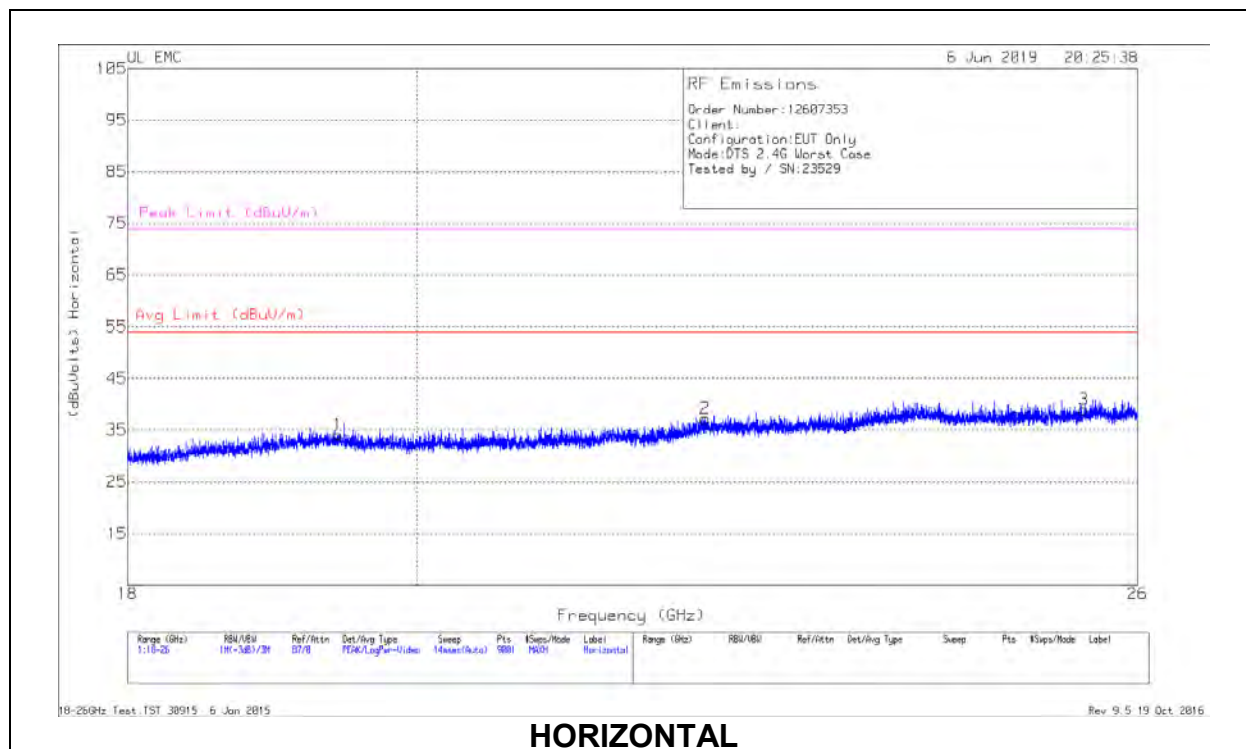


**Below 1GHz DATA**

| Frequency (MHz) | Meter Reading (dBuV) | Det | AF PRE0181574 (dB/m) | Amp/Cbl (dB/m) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|----------------------|----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 43.9865         | 30.74                | Qp  | 16.6                 | -27            | 20.34                      | 40                 | -19.66      | 219            | 112         | V        |
| 44.2267         | 27.72                | Qp  | 16.5                 | -27            | 17.22                      | 40                 | -22.78      | 351            | 192         | H        |
| 82.1613         | 38.26                | Qp  | 13.2                 | -26.5          | 24.96                      | 40                 | -15.04      | 80             | 178         | V        |
| 83.1941         | 36.51                | Qp  | 13.2                 | -26.5          | 23.21                      | 40                 | -16.79      | 304            | 148         | H        |
| 218.7086        | 22.07                | Qp  | 16.6                 | -24.9          | 13.77                      | 46.02              | -32.25      | 169            | 269         | V        |
| 223.652         | 25.27                | Qp  | 16.7                 | -24.9          | 17.07                      | 46.02              | -28.95      | 125            | 159         | H        |

Qp - Quasi-Peak detector

### 9.3. WORST CASE 18-26 GHz



**18 – 26GHz DATA**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T447 AF (dB/m) | Amp/Cbl (dB) | Dist Corr (dB) | Corrected Reading (dBuVolts) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) |
|--------|-----------------|----------------------|-----|----------------|--------------|----------------|------------------------------|--------------------|-------------|---------------------|----------------|
| 1      | 19.433          | 31.97                | Pk  | 32.8           | -21.2        | -9.5           | 34.07                        | 54                 | -19.93      | 74                  | -39.93         |
| 2      | 22.212          | 33.4                 | Pk  | 33.5           | -20.2        | -9.5           | 37.2                         | 54                 | -16.8       | 74                  | -36.8          |
| 3      | 25.496          | 33.84                | Pk  | 34.5           | -19.9        | -9.5           | 38.94                        | 54                 | -15.06      | 74                  | -35.06         |
| 4      | 18.391          | 31.44                | Pk  | 32.4           | -22.3        | -9.5           | 32.04                        | 54                 | -21.96      | 74                  | -41.96         |
| 5      | 21.191          | 32.67                | Pk  | 33             | -21.1        | -9.5           | 35.07                        | 54                 | -18.93      | 74                  | -38.93         |
| 6      | 23.466          | 33.17                | Pk  | 34             | -20          | -9.5           | 37.67                        | 54                 | -16.33      | 74                  | -36.33         |

## 10. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

\* Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

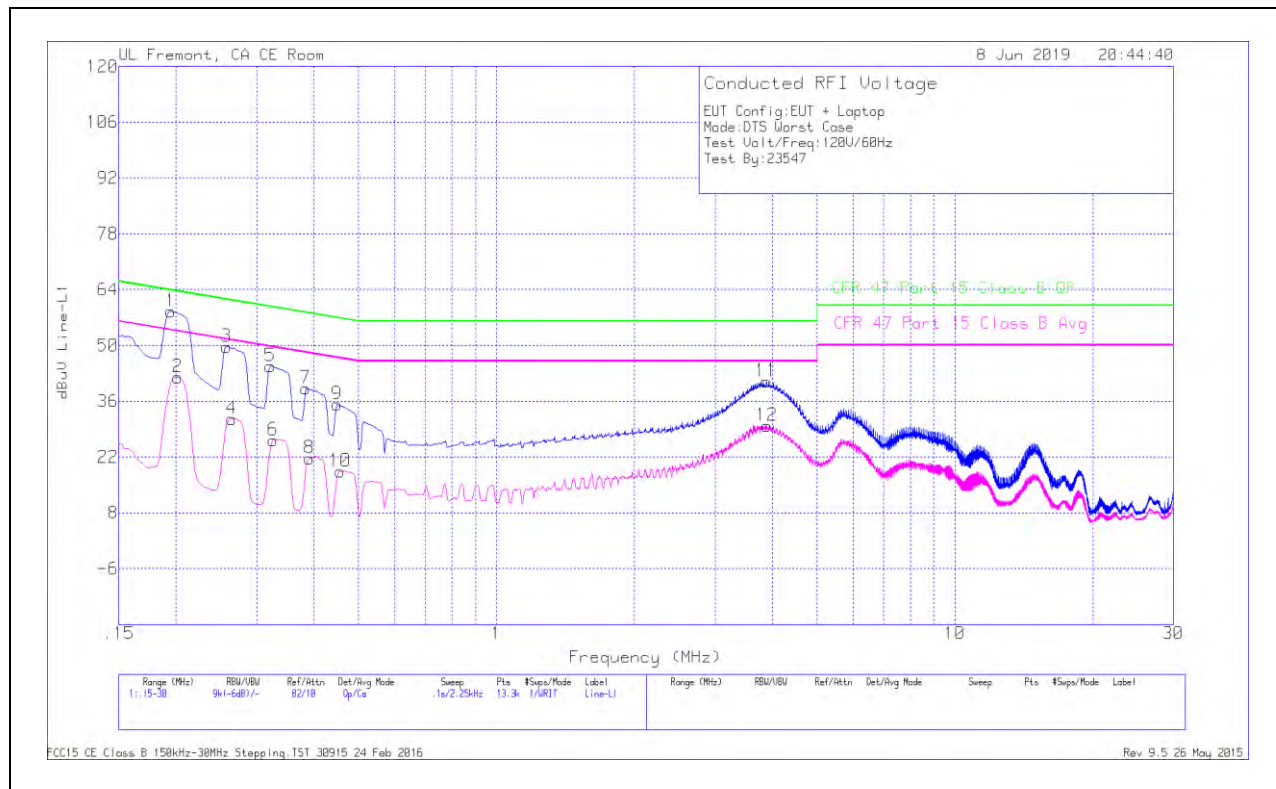
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

## 10.1.1. AC Power Line Host

### LINE 1 RESULTS



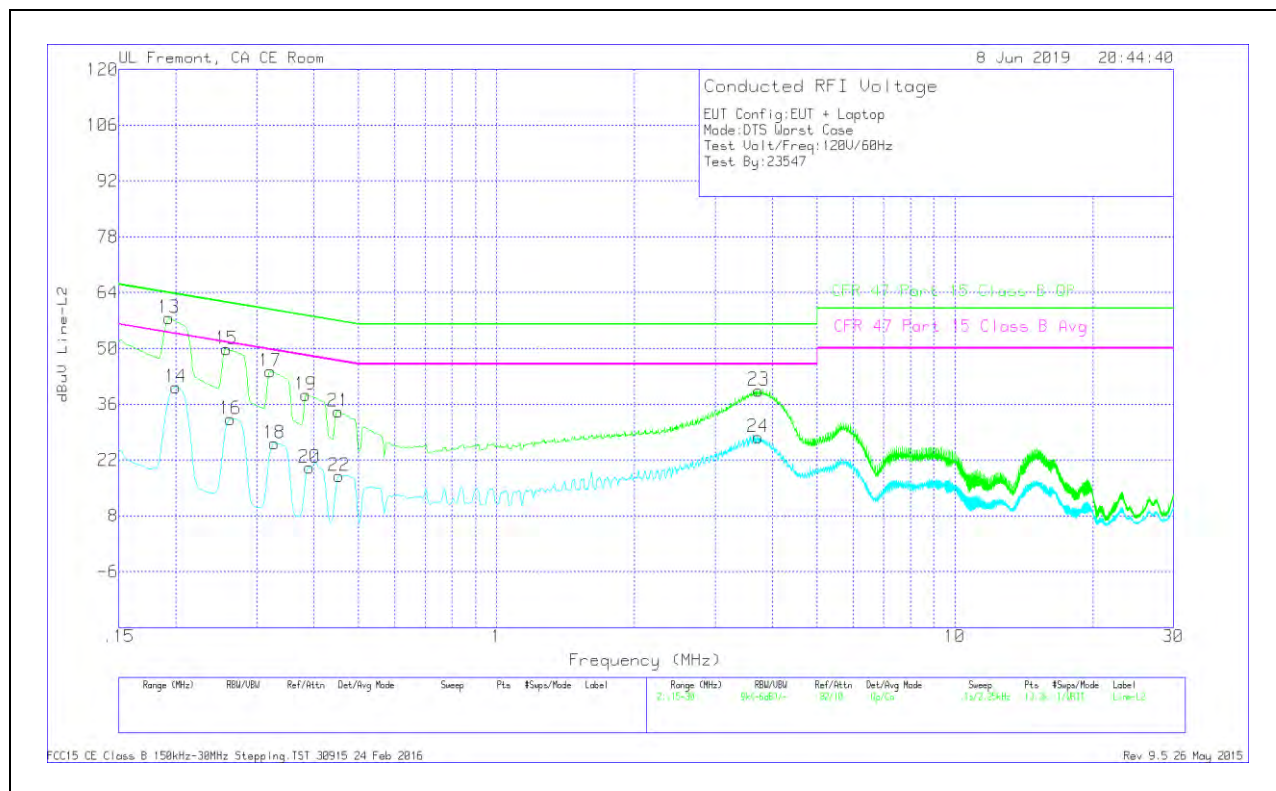
Range 1: Line-L1 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 1      | .195            | 48.38                | Qp  | 0       | 0               | 10.1         | 58.48                  | 63.82                     | -5.34          | -                          | -                    |
| 2      | .20175          | 31.96                | Ca  | 0       | 0               | 10.1         | 42.06                  | -                         | -              | 53.54                      | -11.48               |
| 3      | .258            | 39.6                 | Qp  | 0       | 0               | 10.1         | 49.7                   | 61.5                      | -11.8          | -                          | -                    |
| 4      | .26475          | 21.52                | Ca  | 0       | 0               | 10.1         | 31.62                  | -                         | -              | 51.28                      | -19.66               |
| 5      | .321            | 34.73                | Qp  | 0       | 0               | 10.1         | 44.83                  | 59.68                     | -14.85         | -                          | -                    |
| 6      | .3255           | 16.09                | Ca  | 0       | 0               | 10.1         | 26.19                  | -                         | -              | 49.57                      | -23.38               |
| 7      | .384            | 29.06                | Qp  | 0       | 0               | 10.1         | 39.16                  | 58.19                     | -19.03         | -                          | -                    |
| 8      | .39075          | 11.5                 | Ca  | 0       | 0               | 10.1         | 21.6                   | -                         | -              | 48.05                      | -26.45               |
| 9      | .44925          | 25.13                | Qp  | 0       | 0               | 10.1         | 35.23                  | 56.89                     | -21.66         | -                          | -                    |
| 10     | .456            | 8.3                  | Ca  | 0       | 0               | 10.1         | 18.4                   | -                         | -              | 46.77                      | -28.37               |
| 11     | 3.88275         | 30.84                | Qp  | 0       | .1              | 10.1         | 41.04                  | 56                        | -14.96         | -                          | -                    |
| 12     | 3.8895          | 19.61                | Ca  | 0       | .1              | 10.1         | 29.81                  | -                         | -              | 46                         | -16.19               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



### Range 2: Line-L2 .15 - 30MHz

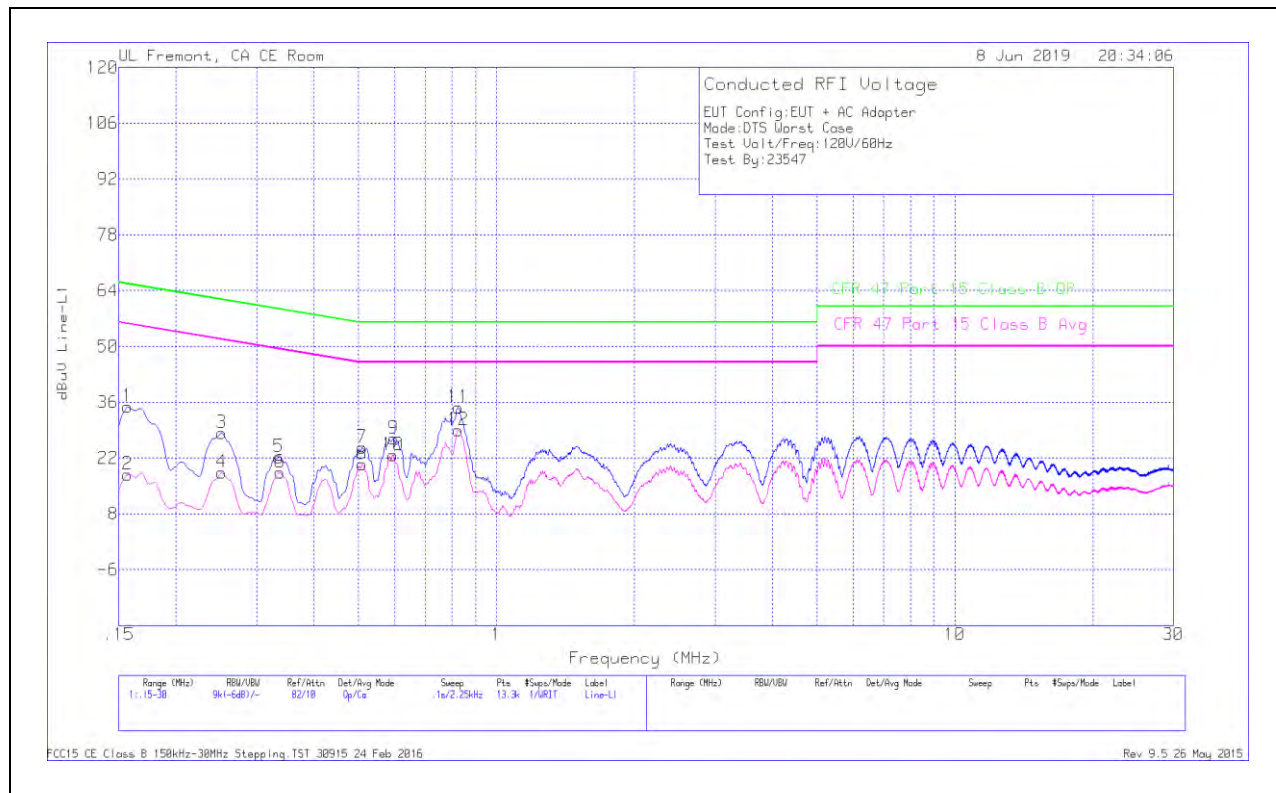
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 13     | .19275          | 47.48                | Qp  | 0       | 0               | 10.1         | 57.58                  | 63.92                     | -6.34          | -                          | -                    |
| 14     | .1995           | 30.13                | Ca  | 0       | 0               | 10.1         | 40.23                  | -                         | -              | 53.63                      | -13.4                |
| 15     | .258            | 39.7                 | Qp  | 0       | 0               | 10.1         | 49.8                   | 61.5                      | -11.7          | -                          | -                    |
| 16     | .2625           | 22.09                | Ca  | 0       | 0               | 10.1         | 32.19                  | -                         | -              | 51.35                      | -19.16               |
| 17     | .321            | 34.22                | Qp  | 0       | 0               | 10.1         | 44.32                  | 59.68                     | -15.36         | -                          | -                    |
| 18     | .32775          | 16.02                | Ca  | 0       | 0               | 10.1         | 26.12                  | -                         | -              | 49.51                      | -23.39               |
| 19     | .384            | 28.24                | Qp  | 0       | 0               | 10.1         | 38.34                  | 58.19                     | -19.85         | -                          | -                    |
| 20     | .39075          | 10.06                | Ca  | 0       | 0               | 10.1         | 20.16                  | -                         | -              | 48.05                      | -27.89               |
| 21     | .4515           | 24.07                | Qp  | 0       | 0               | 10.1         | 34.17                  | 56.85                     | -22.68         | -                          | -                    |
| 22     | .45375          | 7.84                 | Ca  | 0       | 0               | 10.1         | 17.94                  | -                         | -              | 46.81                      | -28.87               |
| 23     | 3.7365          | 29.28                | Qp  | 0       | .1              | 10.1         | 39.48                  | 56                        | -16.52         | -                          | -                    |
| 24     | 3.7185          | 17.5                 | Ca  | 0       | .1              | 10.1         | 27.7                   | -                         | -              | 46                         | -18.3                |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## 10.1.2. AC Power Line Norm

### LINE 1 RESULTS



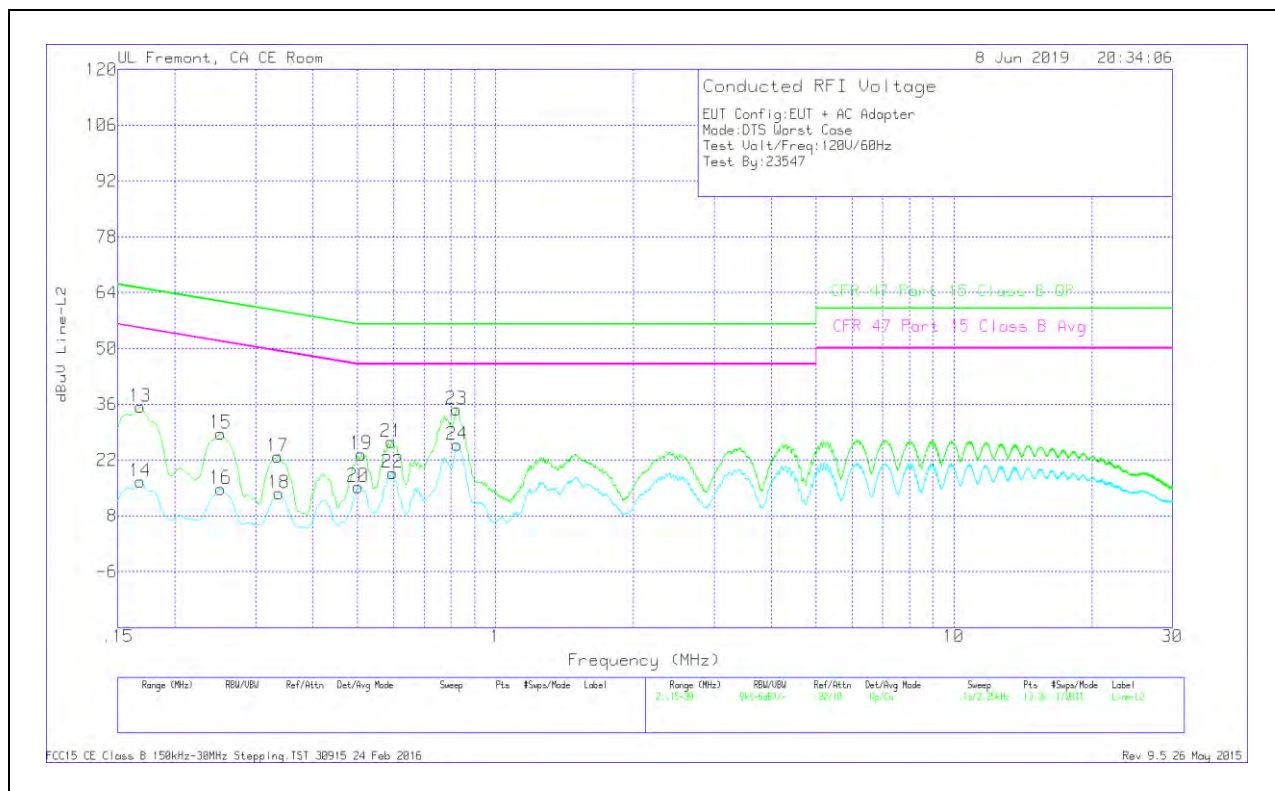
Range 1: Line-L1 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 1      | .15675          | 24.63                | Qp  | .1      | 0               | 10.1         | 34.83                  | 65.63                     | -30.8          | -                          | -                    |
| 2      | .15675          | 7.72                 | Ca  | .1      | 0               | 10.1         | 17.92                  | -                         | -              | 55.63                      | -37.71               |
| 3      | .25125          | 18.13                | Qp  | 0       | 0               | 10.1         | 28.23                  | 61.72                     | -33.49         | -                          | -                    |
| 4      | .25125          | 8.33                 | Ca  | 0       | 0               | 10.1         | 18.43                  | -                         | -              | 51.72                      | -33.29               |
| 5      | .3345           | 12.15                | Qp  | 0       | 0               | 10.1         | 22.25                  | 59.34                     | -37.09         | -                          | -                    |
| 6      | .33675          | 8.32                 | Ca  | 0       | 0               | 10.1         | 18.42                  | -                         | -              | 49.28                      | -30.86               |
| 7      | .51             | 14.55                | Qp  | 0       | 0               | 10.1         | 24.65                  | 56                        | -31.35         | -                          | -                    |
| 8      | .51             | 10.4                 | Ca  | 0       | 0               | 10.1         | 20.5                   | -                         | -              | 46                         | -25.5                |
| 9      | .5955           | 16.71                | Qp  | 0       | 0               | 10.1         | 26.81                  | 56                        | -29.19         | -                          | -                    |
| 10     | .59437          | 12.67                | Ca  | 0       | 0               | 10.1         | 22.77                  | -                         | -              | 46                         | -23.23               |
| 11     | .825            | 24.55                | Qp  | 0       | 0               | 10.1         | 34.65                  | 56                        | -21.35         | -                          | -                    |
| 12     | .825            | 18.88                | Ca  | 0       | 0               | 10.1         | 28.98                  | -                         | -              | 46                         | -17.02               |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



### Range 2: Line-L2 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)Margin (dB) |
|--------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|----------------------|
| 13     | .168            | 25.16                | Qp  | .1      | 0               | 10.1         | 35.36                  | 65.06                     | -29.7          | -                          | -                    |
| 14     | .168            | 6.46                 | Ca  | .1      | 0               | 10.1         | 16.66                  | -                         | -              | 55.06                      | -38.4                |
| 15     | .25125          | 18.6                 | Qp  | 0       | 0               | 10.1         | 28.7                   | 61.72                     | -33.02         | -                          | -                    |
| 16     | .25125          | 4.7                  | Ca  | 0       | 0               | 10.1         | 14.8                   | -                         | -              | 51.72                      | -36.92               |
| 17     | .3345           | 12.72                | Qp  | 0       | 0               | 10.1         | 22.82                  | 59.34                     | -36.52         | -                          | -                    |
| 18     | .33675          | 3.59                 | Ca  | 0       | 0               | 10.1         | 13.69                  | -                         | -              | 49.28                      | -35.59               |
| 19     | .51             | 13.39                | Qp  | 0       | 0               | 10.1         | 23.49                  | 56                        | -32.51         | -                          | -                    |
| 20     | .501            | 5.22                 | Ca  | 0       | 0               | 10.1         | 15.32                  | -                         | -              | 46                         | -30.68               |
| 21     | .59325          | 16.47                | Qp  | 0       | 0               | 10.1         | 26.57                  | 56                        | -29.43         | -                          | -                    |
| 22     | .5955           | 8.7                  | Ca  | 0       | 0               | 10.1         | 18.8                   | -                         | -              | 46                         | -27.2                |
| 23     | .82275          | 24.6                 | Qp  | 0       | 0               | 10.1         | 34.7                   | 56                        | -21.3          | -                          | -                    |
| 24     | .825            | 15.8                 | Ca  | 0       | 0               | 10.1         | 25.9                   | -                         | -              | 46                         | -20.1                |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## END OF TEST REPORT

## 11. SETUP PHOTOS

Please refer to 12607353-EP1V1 for setup photos