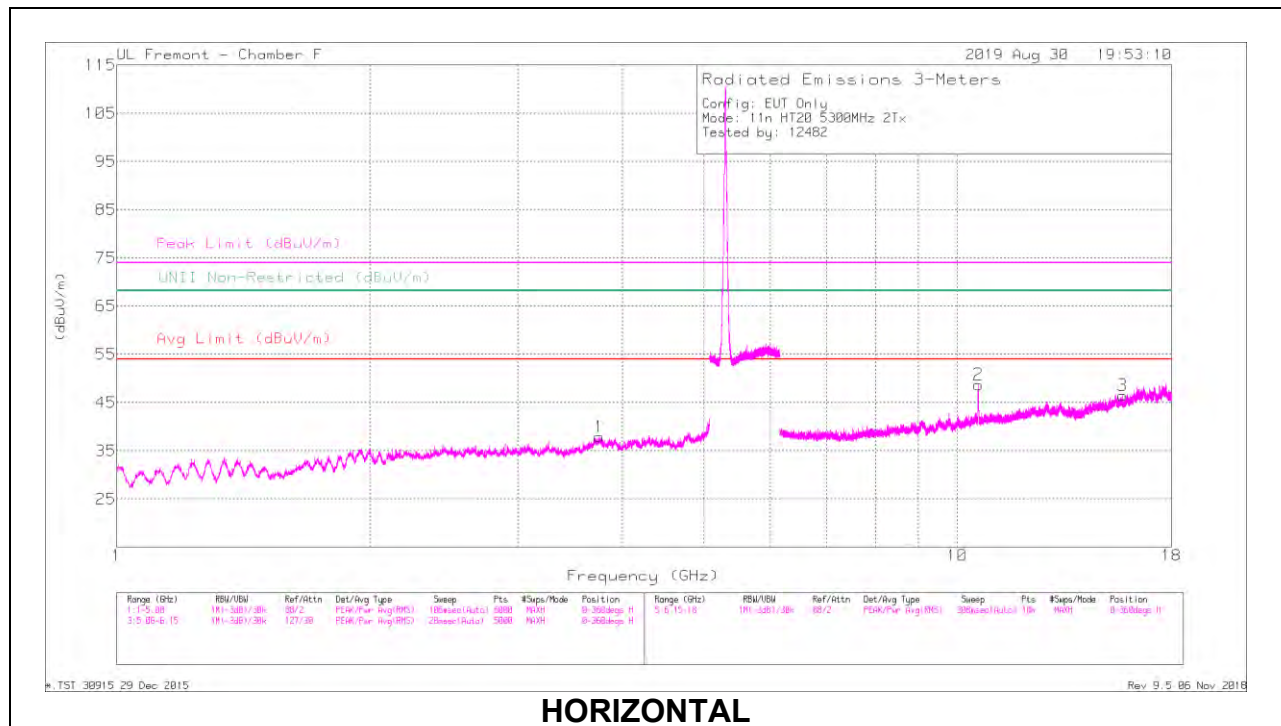
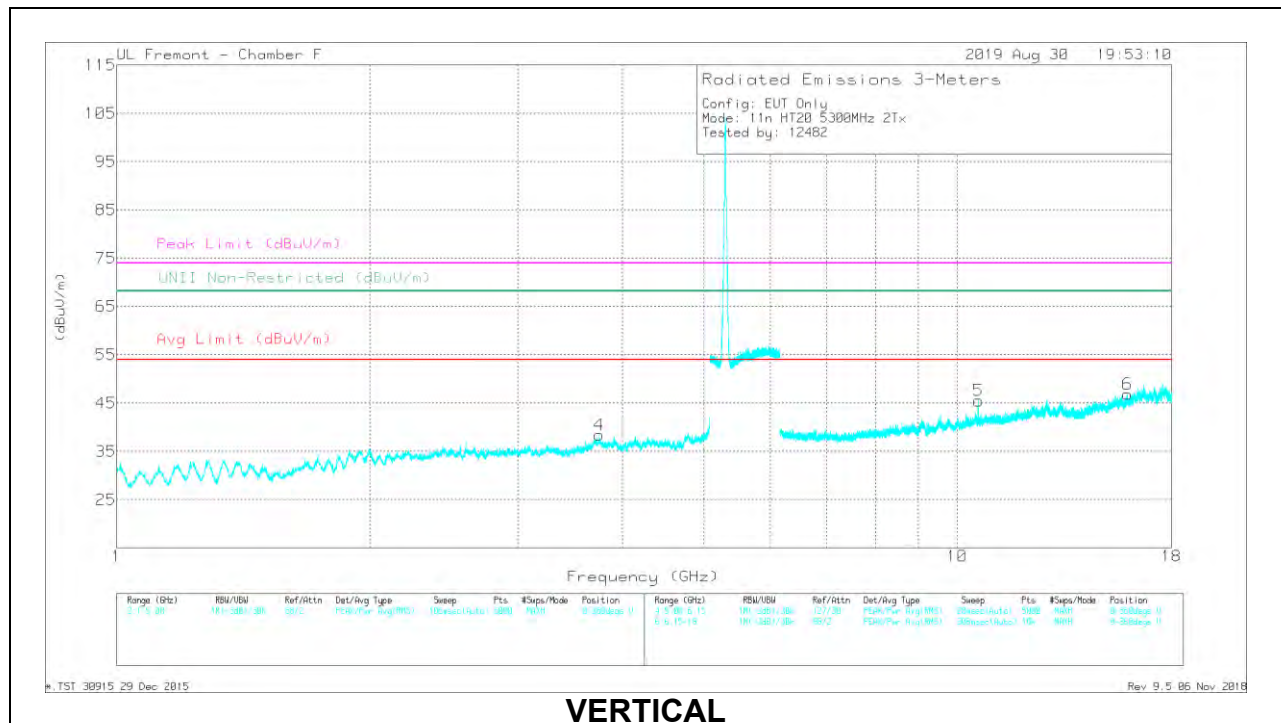


## MID CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

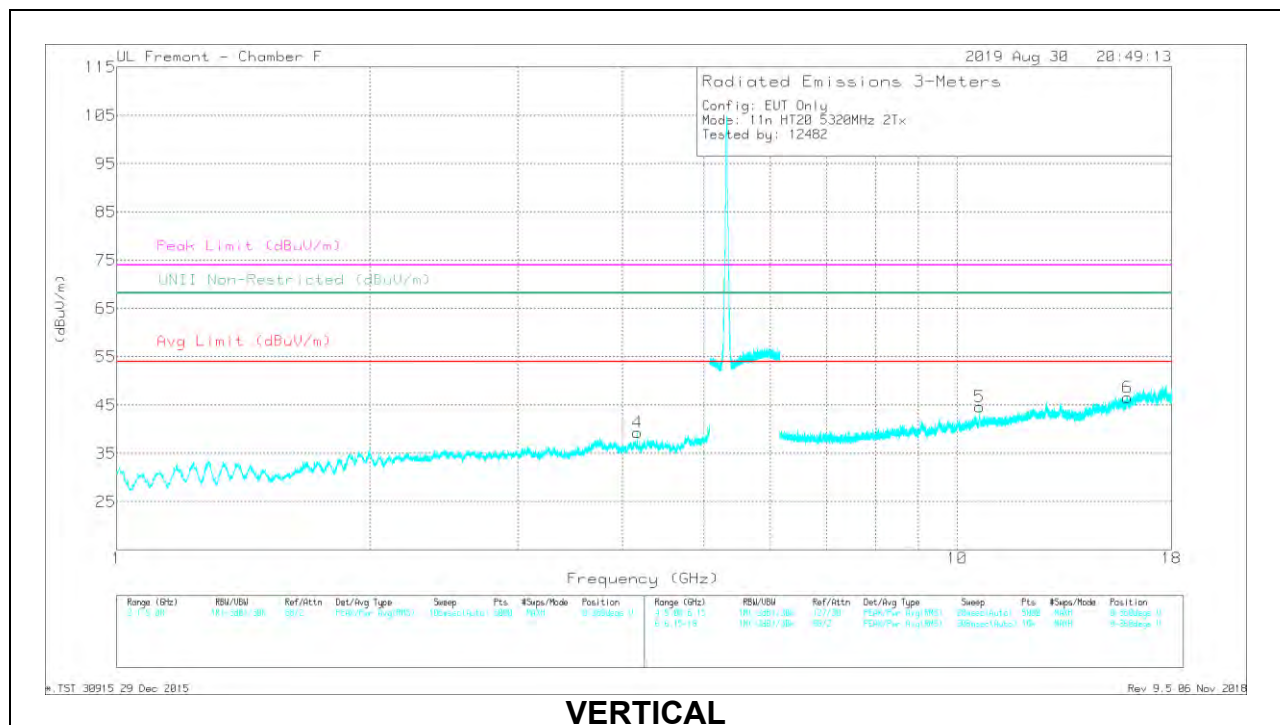
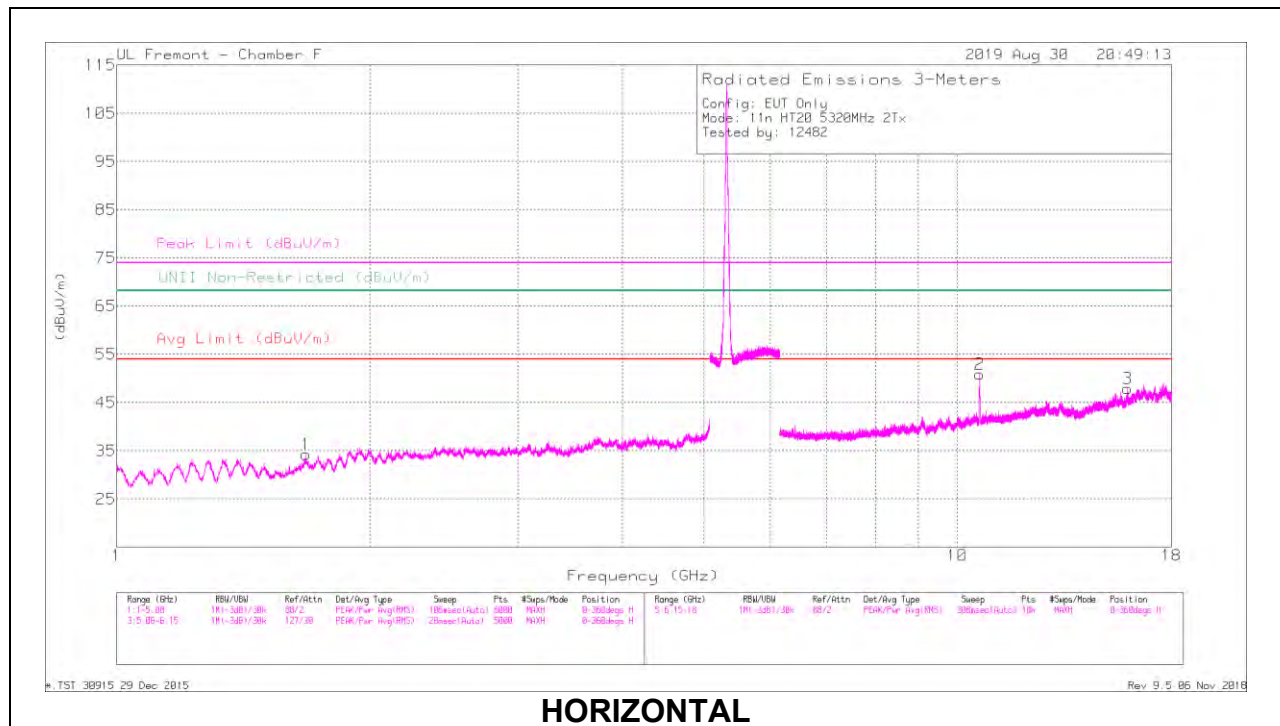
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 3.753         | 54.13                | PK-U | 33.4          | -43.4                 | 44.13                      | -                  | -           | 74                  | -29.87         | -                            | -              | 50             | 167         | H        |
|        | * 3.751         | 42.94                | ADR  | 33.4          | -43.4                 | 32.94                      | 54                 | -21.06      | -                   | -              | -                            | -              | 50             | 167         | H        |
| 4      | * 3.752         | 54.72                | PK-U | 33.4          | -43.4                 | 44.72                      | -                  | -           | 74                  | -29.28         | -                            | -              | 78             | 288         | V        |
|        | * 3.754         | 43.01                | ADR  | 33.4          | -43.4                 | 33.01                      | 54                 | -20.99      | -                   | -              | -                            | -              | 78             | 288         | V        |
| 2      | * 10.603        | 55.99                | PK-U | 37.9          | -39                   | 54.89                      | -                  | -           | 74                  | -19.11         | -                            | -              | 263            | 129         | H        |
|        | * 10.6          | 44.61                | ADR  | 37.8          | -39                   | 43.41                      | 54                 | -10.59      | -                   | -              | -                            | -              | 263            | 129         | H        |
| 3      | * 15.745        | 50.41                | PK-U | 40.2          | -38.5                 | 52.11                      | -                  | -           | 74                  | -21.89         | -                            | -              | 56             | 227         | H        |
|        | * 15.744        | 39.54                | ADR  | 40.2          | -38.4                 | 41.34                      | 54                 | -12.66      | -                   | -              | -                            | -              | 56             | 227         | H        |
| 5      | * 11.611        | 49.58                | PK-U | 38.4          | -39                   | 48.98                      | -                  | -           | 74                  | -25.02         | -                            | -              | 47             | 113         | V        |
|        | * 11.671        | 38.46                | ADR  | 38.4          | -39                   | 37.86                      | 54                 | -16.14      | -                   | -              | -                            | -              | 47             | 113         | V        |
| 6      | * 15.948        | 50.35                | PK-U | 40.6          | -37.1                 | 53.85                      | -                  | -           | 74                  | -20.15         | -                            | -              | 266            | 300         | V        |
|        | * 15.947        | 39.45                | ADR  | 40.6          | -37.1                 | 42.95                      | 54                 | -11.05      | -                   | -              | -                            | -              | 266            | 300         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.678         | 59.41                | PK-U | 28.8           | -46.1                   | 42.11                      | -                  | -           | 74                  | -31.89         | -                            | -              | 245            | 308         | H        |
|        | * 1.678         | 46.28                | ADR  | 28.8           | -46.1                   | 28.98                      | 54                 | -25.02      | -                   | -              | -                            | -              | 245            | 308         | H        |
| 4      | * 4.163         | 54.31                | PK-U | 33.6           | -44                     | 43.91                      | -                  | -           | 74                  | -30.09         | -                            | -              | 94             | 235         | V        |
|        | * 4.163         | 42.7                 | ADR  | 33.6           | -43.9                   | 32.4                       | 54                 | -21.6       | -                   | -              | -                            | -              | 94             | 235         | V        |
| 2      | * 10.643        | 58.81                | PK-U | 37.9           | -39.3                   | 57.41                      | -                  | -           | 74                  | -16.59         | -                            | -              | 192            | 109         | H        |
|        | * 10.64         | 47.59                | ADR  | 37.9           | -39.3                   | 46.19                      | 54                 | -7.81       | -                   | -              | -                            | -              | 192            | 109         | H        |
| 3      | * 15.947        | 51.03                | PK-U | 40.6           | -37.1                   | 54.53                      | -                  | -           | 74                  | -19.47         | -                            | -              | 315            | 169         | H        |
|        | * 15.948        | 39.23                | ADR  | 40.6           | -37.1                   | 42.73                      | 54                 | -11.27      | -                   | -              | -                            | -              | 315            | 169         | H        |
| 5      | * 10.639        | 53.84                | PK-U | 37.9           | -39.3                   | 52.44                      | -                  | -           | 74                  | -21.56         | -                            | -              | 263            | 378         | V        |
|        | * 10.641        | 42.09                | ADR  | 37.9           | -39.3                   | 40.69                      | 54                 | -13.31      | -                   | -              | -                            | -              | 263            | 378         | V        |
| 6      | * 15.96         | 50.66                | PK-U | 40.5           | -37.4                   | 53.76                      | -                  | -           | 74                  | -20.24         | -                            | -              | 182            | 234         | V        |
|        | * 15.959        | 39.6                 | ADR  | 40.6           | -37.3                   | 42.9                       | 54                 | -11.1       | -                   | -              | -                            | -              | 182            | 234         | V        |

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

PK-U - U-NII: Maximum Peak

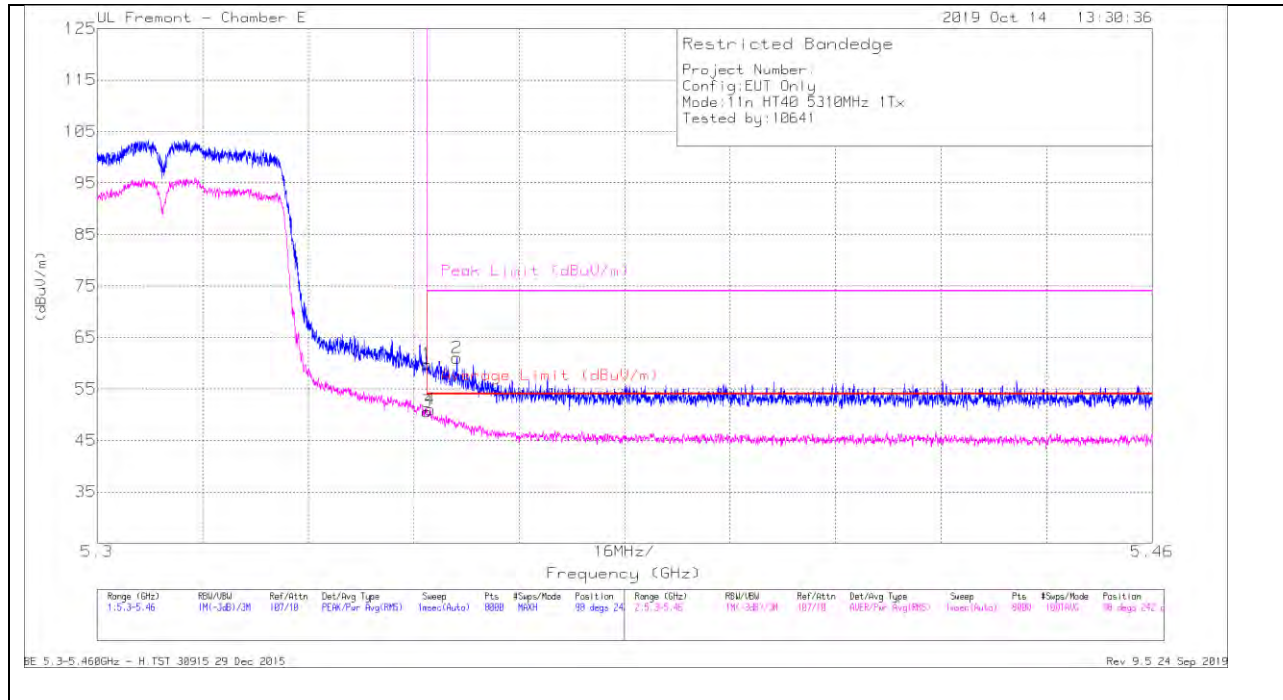
ADR - U-NII AD primary method, RMS average

# 1.1.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

## 1TX LAT3

## BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT



| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T119<br>(dB/m) | Amp/Cb<br>I/Fitr/Pa<br>d (dB) | DC Corr<br>(dB) | Correct<br>ed<br>Reading<br>(dBuV/<br>m) | Average<br>Limit<br>(dBuV/<br>m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/<br>m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|-----|-------------------|-------------------------------|-----------------|------------------------------------------|----------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 5.35001              | 46.68                      | Pk  | 34.5              | -21.4                         | 0               | 59.78                                    | -                                | -              | 74                            | -14.22               | 98                | 242            | H        |
| 2      | * 5.35457              | 47.94                      | Pk  | 34.5              | -21.4                         | 0               | 61.04                                    | -                                | -              | 74                            | -12.96               | 98                | 242            | H        |
| 3      | * 5.35001              | 37.51                      | RMS | 34.5              | -21.4                         | 0.09            | 50.7                                     | 54                               | -3.3           | -                             | -                    | 98                | 242            | H        |
| 4      | * 5.35053              | 37.91                      | RMS | 34.5              | -21.4                         | 0.09            | 51.1                                     | 54                               | -2.9           | -                             | -                    | 98                | 242            | H        |

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

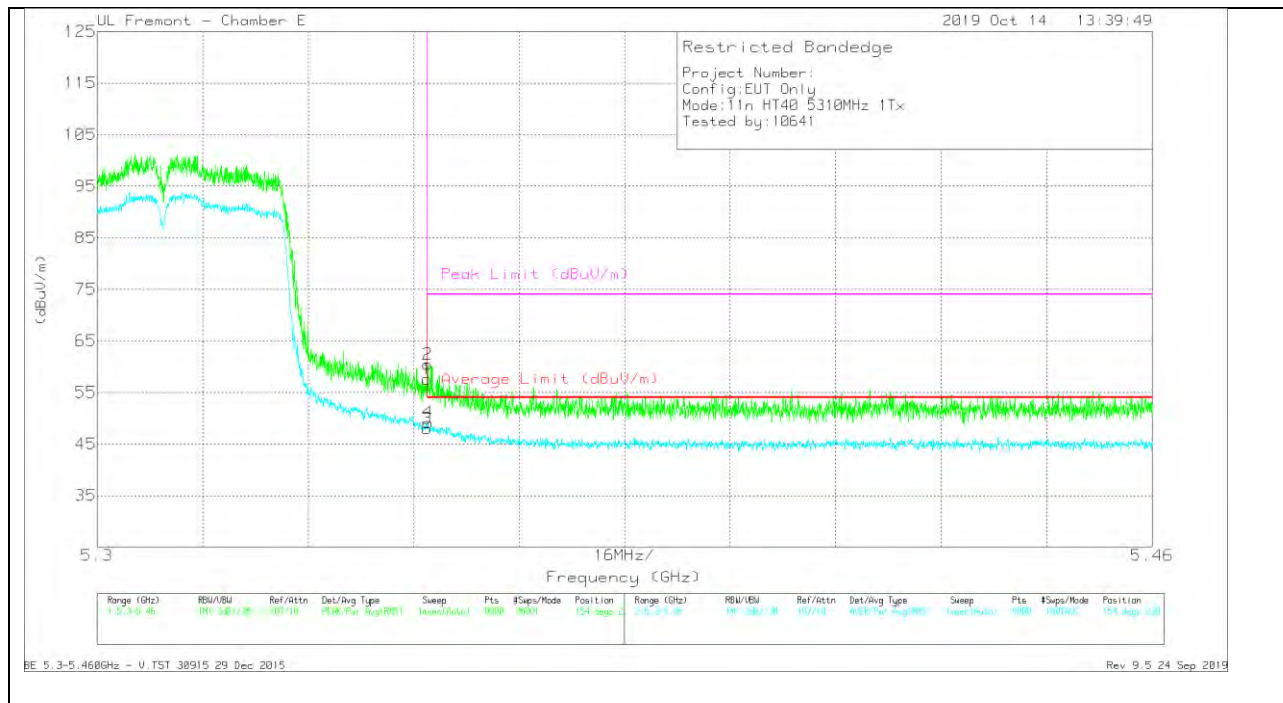
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

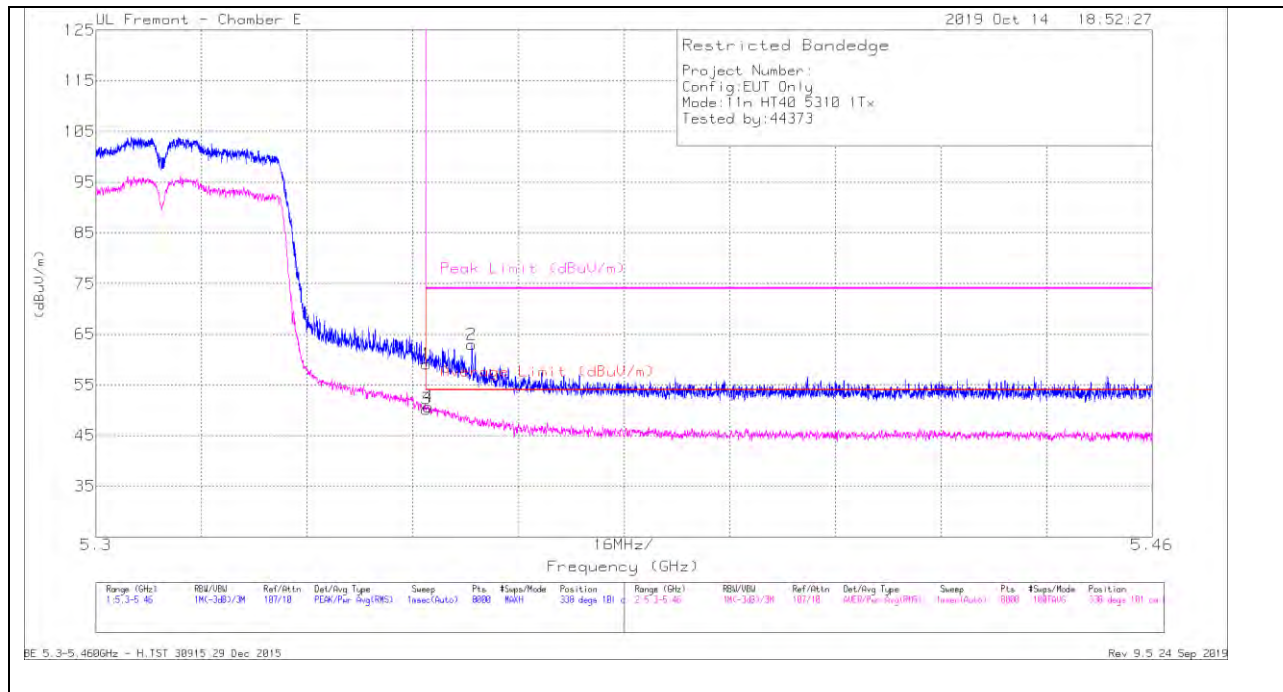
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cb I/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.51                | Pk  | 34.5           | -21.4                   | 0            | 57.61                      | -                      | -           | 74                  | -16.39         | 154            | 230         | V        |
| 2      | * 5.35017       | 47.37                | Pk  | 34.5           | -21.4                   | 0            | 60.47                      | -                      | -           | 74                  | -13.53         | 154            | 230         | V        |
| 3      | * 5.35001       | 34.8                 | RMS | 34.5           | -21.4                   | 0.09         | 47.99                      | 54                     | -6.01       | -                   | -              | 154            | 230         | V        |
| 4      | * 5.35019       | 35.97                | RMS | 34.5           | -21.4                   | 0.09         | 49.16                      | 54                     | -4.84       | -                   | -              | 154            | 230         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**1TX UAT2****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T119<br>(dB/m) | Amp/Cbl/<br>Filtr/Pad<br>(dB) | DC Corr<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | Average<br>Limit<br>(dBuV/m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|-----|-------------------|-------------------------------|-----------------|----------------------------------|------------------------------|----------------|---------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 5.35001              | 45.95                      | PK  | 34.5              | -21.4                         | 0               | 59.05                            | -                            | -              | 74                        | -14.95               | 338               | 101            | H        |
| 2      | * 5.35693              | 49.86                      | PK  | 34.5              | -21.4                         | 0               | 62.96                            | -                            | -              | 74                        | -11.04               | 338               | 101            | H        |
| 3      | * 5.35001              | 37.13                      | RMS | 34.5              | -21.4                         | 0.09            | 50.32                            | 54                           | -3.68          | -                         | -                    | 338               | 101            | H        |
| 4      | * 5.35031              | 37.61                      | RMS | 34.5              | -21.4                         | 0.09            | 50.80                            | 54                           | -3.20          | -                         | -                    | 338               | 101            | H        |

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

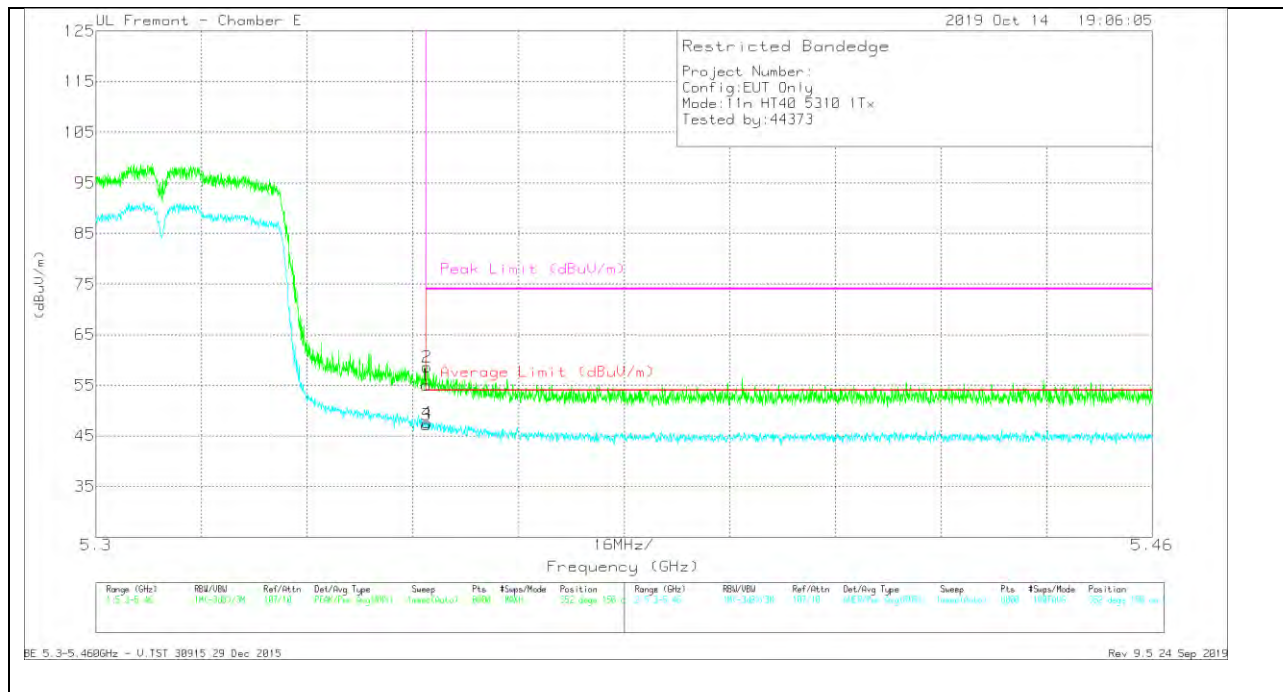
PK - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

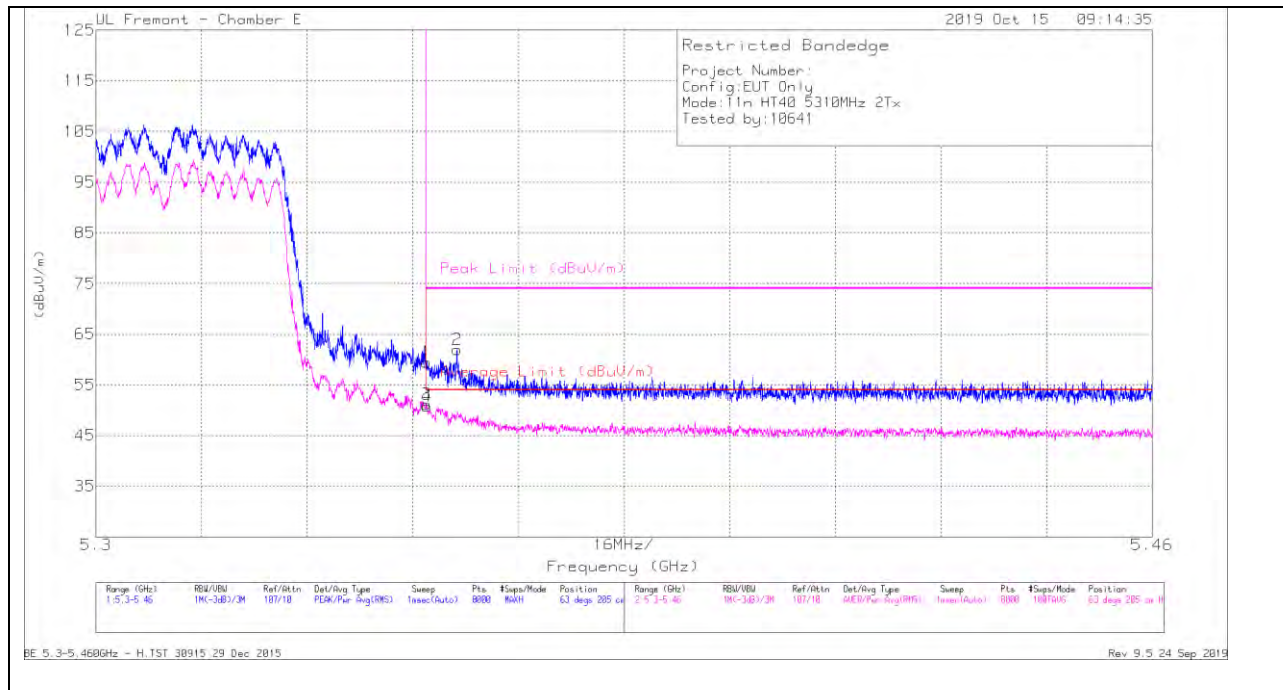
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 41.97                | Pk  | 34.5           | -21.4                 | 0            | 55.07                      | -                      | -           | 74                  | -18.93         | 352            | 150         | V        |
| 2      | * 5.35015       | 45.46                | Pk  | 34.5           | -21.4                 | 0            | 58.56                      | -                      | -           | 74                  | -15.44         | 352            | 150         | V        |
| 3      | * 5.35001       | 34.08                | RMS | 34.5           | -21.4                 | 0.09         | 47.27                      | 54                     | -6.73       | -                   | -              | 352            | 150         | V        |
| 4      | * 5.35013       | 34.45                | RMS | 34.5           | -21.4                 | 0.09         | 47.64                      | 54                     | -6.36       | -                   | -              | 352            | 150         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**2TX LAT3 + UAT2 CDD MODE****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 46.36                | Pk  | 34.5           | -21.4                 | 0            | 59.46                      | -                      | -           | 74                  | -14.54         | 63             | 205         | H        |
| 2      | * 5.35469       | 48.82                | Pk  | 34.5           | -21.4                 | 0            | 61.92                      | -                      | -           | 74                  | -12.08         | 63             | 205         | H        |
| 3      | * 5.35001       | 37.99                | RMS | 34.5           | -21.4                 | 0.09         | 51.18                      | 54                     | -2.82       | -                   | -              | 63             | 205         | H        |
| 4      | * 5.35015       | 37.65                | RMS | 34.5           | -21.4                 | 0.09         | 50.84                      | 54                     | -3.16       | -                   | -              | 63             | 205         | H        |

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

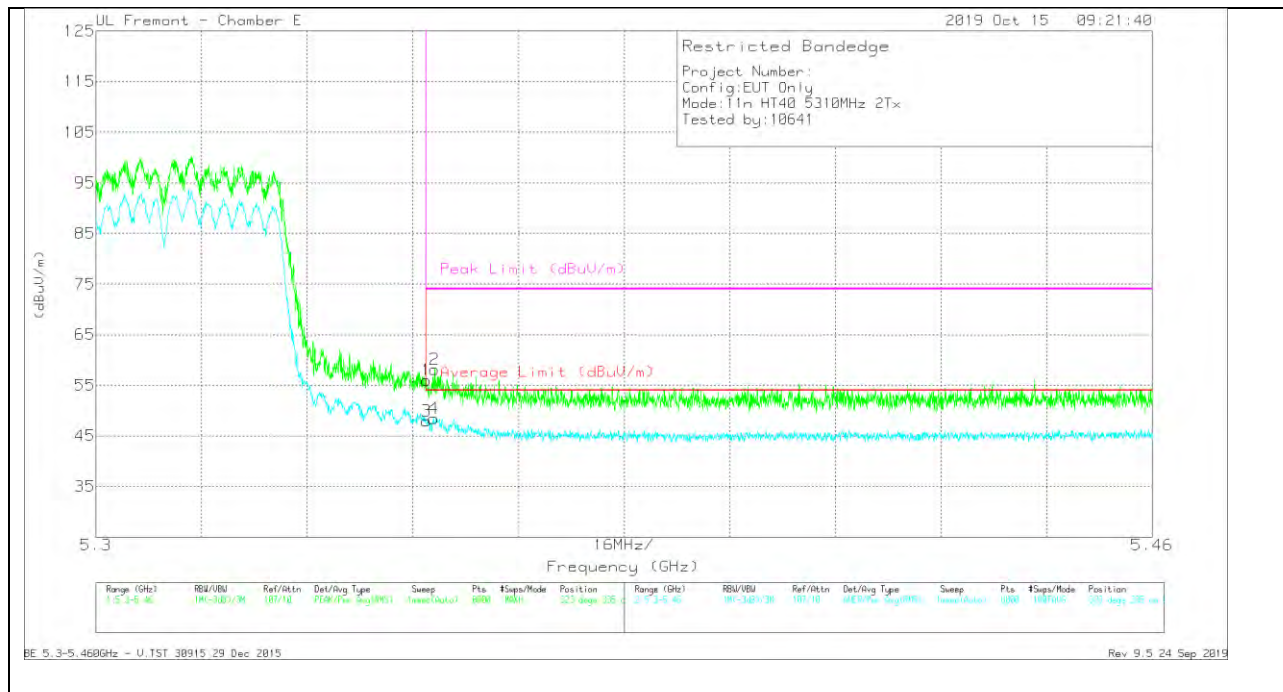
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

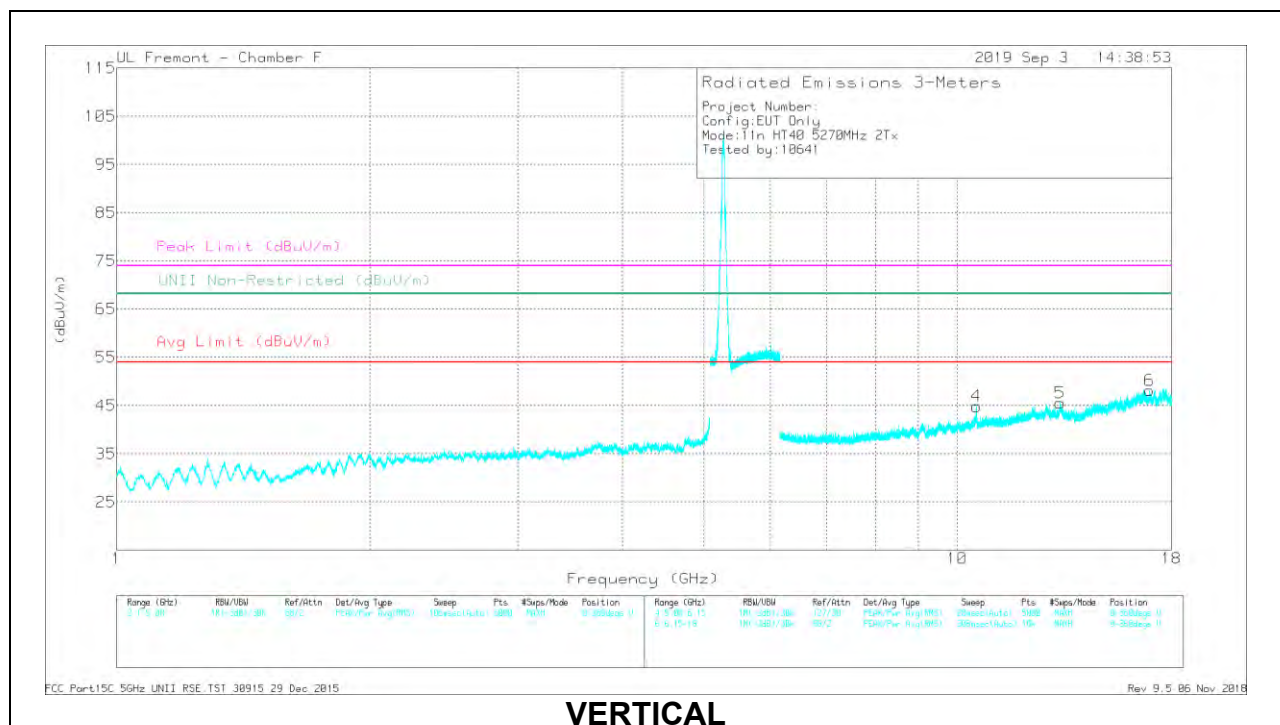
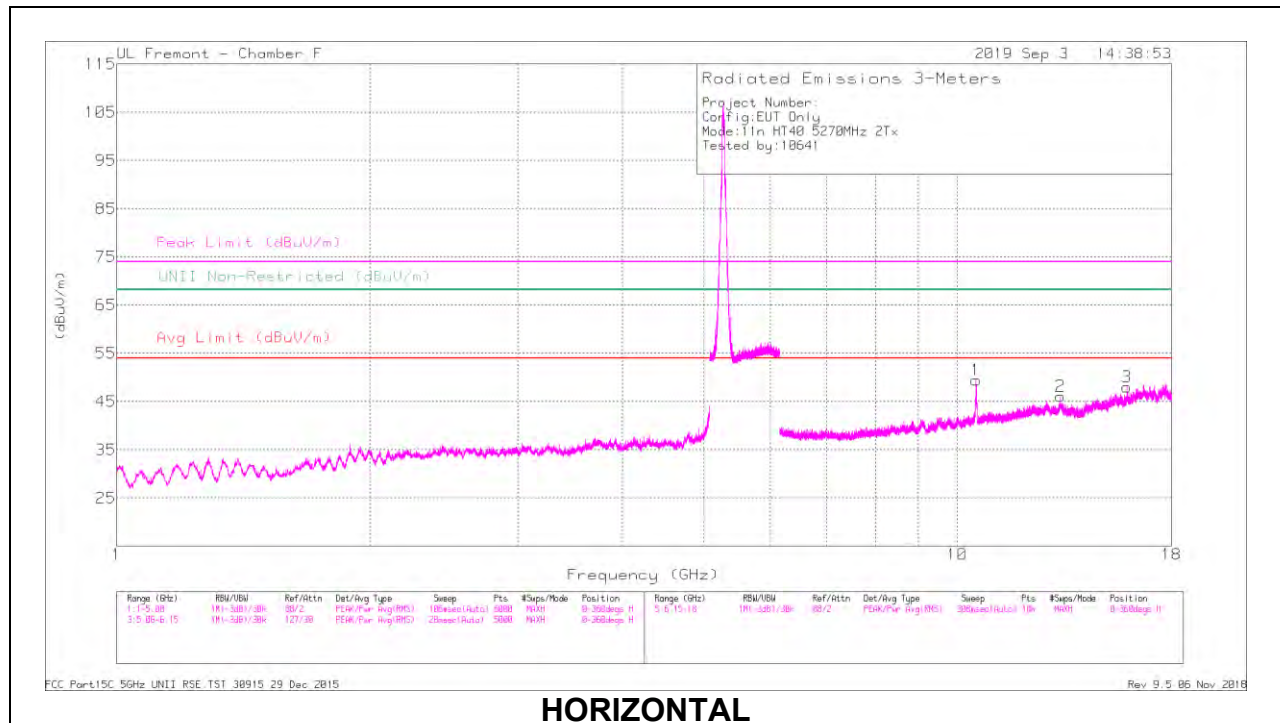
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl /Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.92                | Pk  | 34.5           | -21.4                  | 0            | 56.02                      | -                      | -           | 74                  | -17.98         | 323            | 335         | V        |
| 2      | * 5.35133       | 45.02                | Pk  | 34.5           | -21.4                  | 0            | 58.12                      | -                      | -           | 74                  | -15.88         | 323            | 335         | V        |
| 3      | * 5.35001       | 34.69                | RMS | 34.5           | -21.4                  | 0.09         | 47.88                      | 54                     | -6.12       | -                   | -              | 323            | 335         | V        |
| 4      | * 5.35115       | 35.27                | RMS | 34.5           | -21.4                  | 0.09         | 48.46                      | 54                     | -5.54       | -                   | -              | 323            | 335         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

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

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarization |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|--------------|
| 1      | 10.538          | 54.83                | PK-U | 37.8           | -38.2                  | 0            | 54.43                      | -                  | -           | -                   | -              | 68.2                         | -13.77         | 85             | 100         | H            |
| 2      | * 13.272        | 51.12                | PK-U | 39.3           | -38                    | 0            | 52.42                      | -                  | -           | 74                  | -21.58         | -                            | -              | 144            | 137         | H            |
|        | * 13.272        | 39.67                | ADR  | 39.3           | -38                    | 0.09         | 41.06                      | 54                 | -12.94      | -                   | -              | -                            | -              | 144            | 137         | H            |
| 3      | * 15.938        | 49.86                | PK-U | 40.5           | -37.1                  | 0            | 53.26                      | -                  | -           | 74                  | -20.74         | -                            | -              | 138            | 151         | H            |
|        | * 15.937        | 39.09                | ADR  | 40.5           | -37.1                  | 0.09         | 42.58                      | 54                 | -11.42      | -                   | -              | -                            | -              | 138            | 151         | H            |
| 4      | 10.54           | 51.67                | PK-U | 37.8           | -38.2                  | 0            | 51.27                      | -                  | -           | -                   | -              | 68.2                         | -16.93         | 46             | 102         | V            |
| 6      | 16.947          | 50.4                 | PK-U | 41.6           | -37.8                  | 0            | 54.2                       | -                  | -           | -                   | -              | 68.2                         | -14            | 106            | 119         | V            |
| 5      | * 13.269        | 50.32                | PK-U | 39.3           | -38                    | 0            | 51.62                      | -                  | -           | 74                  | -22.38         | -                            | -              | 122            | 175         | V            |
|        | * 13.267        | 39.64                | ADR  | 39.3           | -38                    | 0.09         | 41.03                      | 54                 | -12.97      | -                   | -              | -                            | -              | 122            | 175         | V            |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



## RADIATED EMISSIONS

| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Readin<br>g<br>(dBuV) | Det  | AF<br>T345<br>(dB/m) | Amp/C<br>bl/Filtr/P<br>ad (dB) | DC<br>Corr<br>(dB) | Correct<br>ed<br>Readin<br>g<br>(dBuV/<br>m) | Avg<br>Limit<br>(dBuV/<br>m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/<br>m) | PK<br>Margin<br>(dB) | UNII<br>Non-<br>Restrict<br>ed<br>(dBuV/<br>m) | PK<br>Margin<br>(dB) | Azimu<br>t<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|--------------------------------|------|----------------------|--------------------------------|--------------------|----------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|------------------------------------------------|----------------------|----------------------|----------------|----------|
| 1      | * 10.621               | 54.67                          | PK-U | 37.9                 | -39.3                          | 0                  | 53.27                                        | -                            | -              | 74                            | -20.73               | -                                              | -                    | 310                  | 121            | H        |
|        | * 10.621               | 44.87                          | ADR  | 37.9                 | -39.3                          | 0.09               | 43.56                                        | 54                           | -10.44         | -                             | -                    | -                                              | -                    | 310                  | 121            | H        |
| 2      | * 13.263               | 50.92                          | PK-U | 39.3                 | -38.1                          | 0                  | 52.12                                        | -                            | -              | 74                            | -21.88               | -                                              | -                    | 297                  | 131            | H        |
|        | * 13.265               | 39.58                          | ADR  | 39.3                 | -38.1                          | 0.09               | 40.87                                        | 54                           | -13.13         | -                             | -                    | -                                              | -                    | 297                  | 131            | H        |
| 3      | * 17.742               | 50.48                          | PK-U | 41.5                 | -36.7                          | 0                  | 55.28                                        | -                            | -              | 74                            | -18.72               | -                                              | -                    | 277                  | 148            | H        |
|        | * 17.744               | 39.47                          | ADR  | 41.5                 | -36.7                          | 0.09               | 44.36                                        | 54                           | -9.64          | -                             | -                    | -                                              | -                    | 277                  | 148            | H        |
| 4      | 12.783                 | 50.17                          | PK-U | 39.3                 | -38                            | 0                  | 51.47                                        | -                            | -              | -                             | -                    | 68.2                                           | -16.73               | 215                  | 175            | V        |
| 5      | 16.687                 | 50.47                          | PK-U | 41.9                 | -36.9                          | 0                  | 55.47                                        | -                            | -              | -                             | -                    | 68.2                                           | -12.73               | 254                  | 192            | V        |
| 6      | 8.814                  | 50                             | PK-U | 36.1                 | -39.3                          | 0                  | 46.8                                         | -                            | -              | -                             | -                    | 68.2                                           | -21.4                | 224                  | 174            | V        |

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

PK-U - U-NII: Maximum Peak

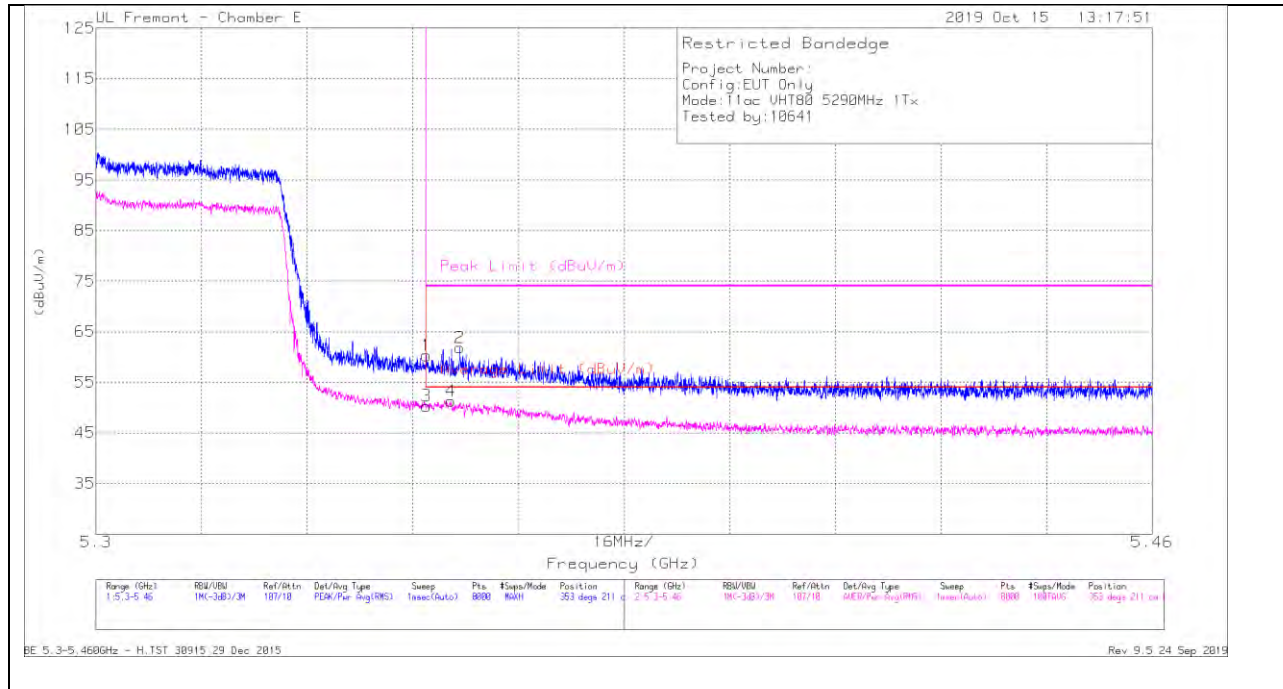
ADR - U-NII AD primary method, RMS average

## 1.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

### 1TX LAT3

### BANDEDGE (MID CHANNEL)

### HORIZONTAL RESULT

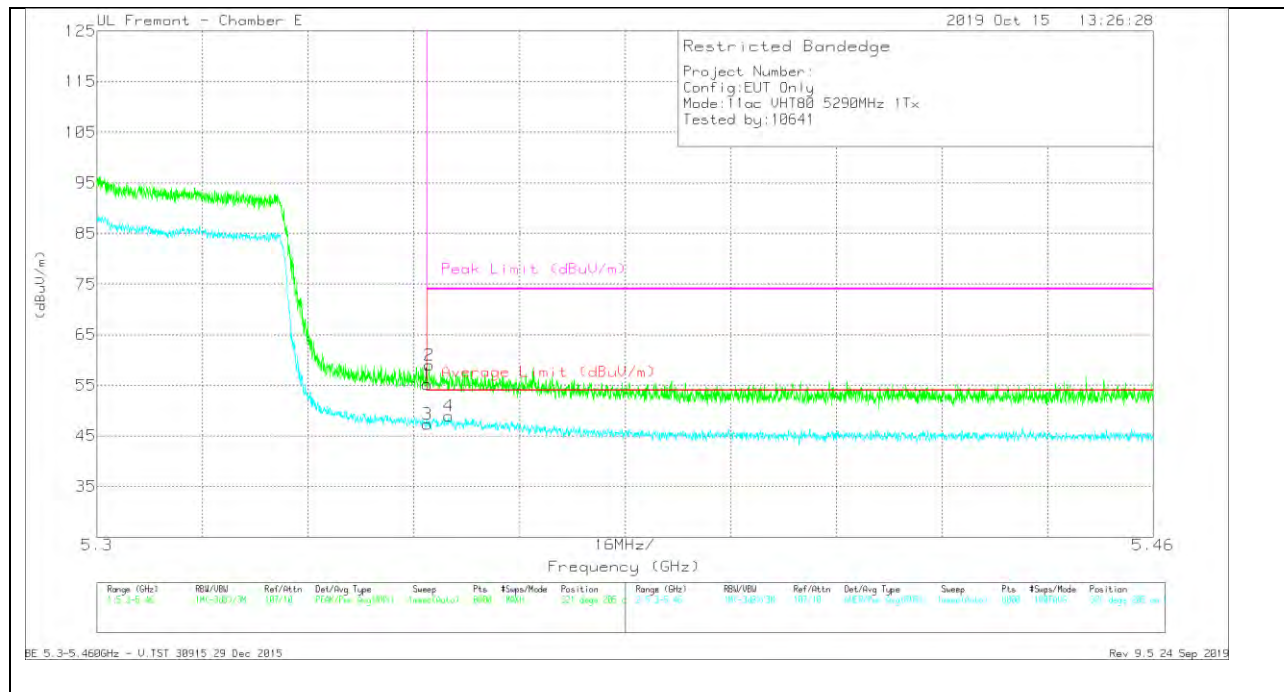


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl /Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 47.19                | Pk  | 34.5           | -21.4                  | 0            | 60.29                      | -                      | -           | 74                  | -13.71         | 353            | 211         | H        |
| 2      | * 5.35511       | 48.72                | Pk  | 34.5           | -21.4                  | 0            | 61.82                      | -                      | -           | 74                  | -12.18         | 353            | 211         | H        |
| 3      | * 5.35001       | 37.06                | RMS | 34.5           | -21.4                  | 0.19         | 50.35                      | 54                     | -3.65       | -                   | -              | 353            | 211         | H        |
| 4      | * 5.35379       | 38                   | RMS | 34.5           | -21.4                  | 0.19         | 51.29                      | 54                     | -2.71       | -                   | -              | 353            | 211         | H        |

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

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

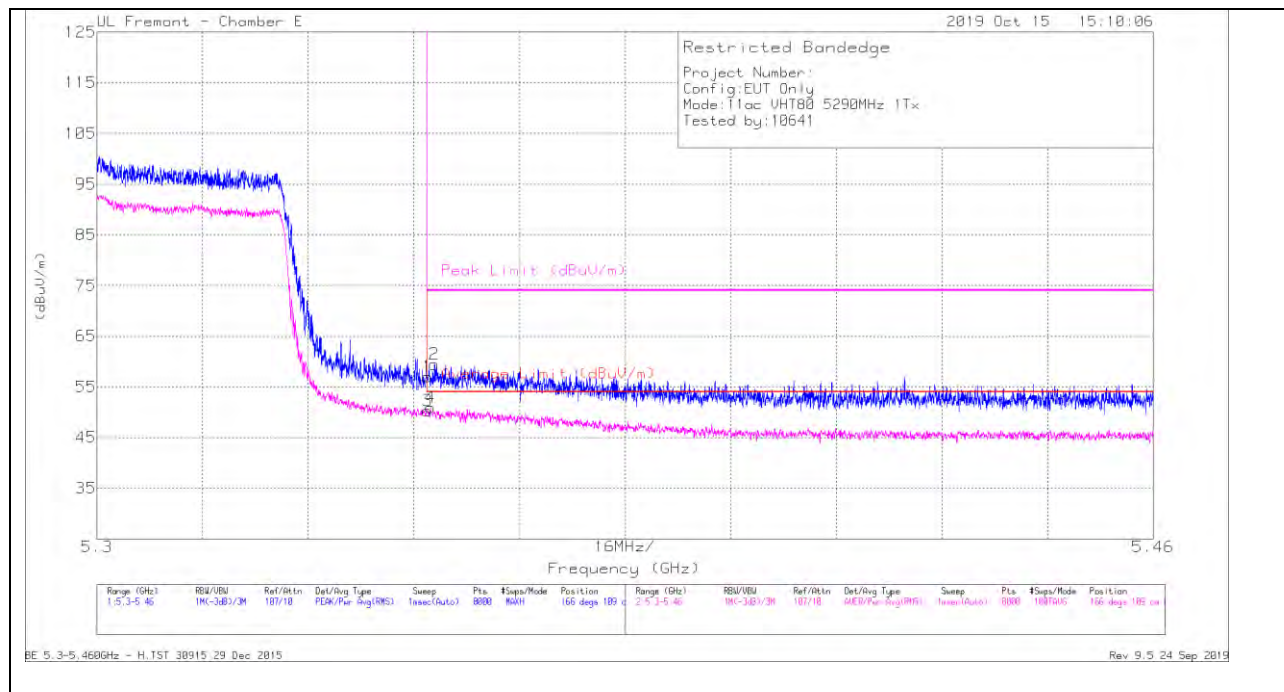
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.1                 | Pk  | 34.5           | -21.4                 | 0            | 55.2                       | -                      | -           | 74                  | -18.8          | 321            | 205         | V        |
| 2      | * 5.35033       | 45.88                | Pk  | 34.5           | -21.4                 | 0            | 58.98                      | -                      | -           | 74                  | -15.02         | 321            | 205         | V        |
| 3      | * 5.35001       | 34.08                | RMS | 34.5           | -21.4                 | 0.19         | 47.37                      | 54                     | -6.63       | -                   | -              | 321            | 205         | V        |
| 4      | * 5.35327       | 35.66                | RMS | 34.5           | -21.4                 | 0.19         | 48.95                      | 54                     | -5.05       | -                   | -              | 321            | 205         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**1TX UAT2****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequenc<br>y (GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T119<br>(dB/m) | Amp/Cbl<br>/Ftr/Pad<br>(dB) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m) | Average<br>Limit<br>(dBuV/m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|---------------------|----------------------------|-----|-------------------|-----------------------------|-----------------|--------------------------------------|------------------------------|----------------|---------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 5.35001           | 43.87                      | Pk  | 34.5              | -21.4                       | 0               | 56.97                                | -                            | -              | 74                        | -17.03               | 166               | 109            | H        |
| 2      | * 5.35113           | 46.32                      | Pk  | 34.5              | -21.4                       | 0               | 59.42                                | -                            | -              | 74                        | -14.58               | 166               | 109            | H        |
| 3      | * 5.35001           | 37.04                      | RMS | 34.5              | -21.4                       | 0.19            | 50.33                                | 54                           | -3.67          | -                         | -                    | 166               | 109            | H        |
| 4      | * 5.35051           | 37.58                      | RMS | 34.5              | -21.4                       | 0.19            | 50.87                                | 54                           | -3.13          | -                         | -                    | 166               | 109            | H        |

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

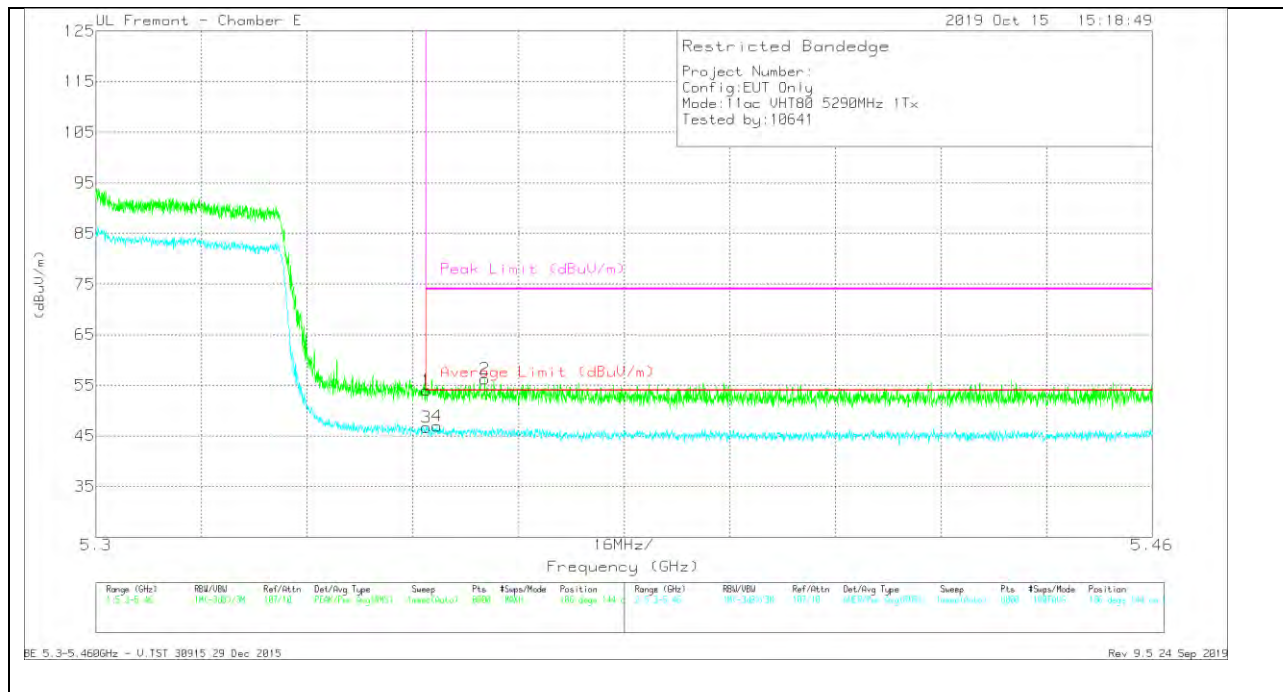
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

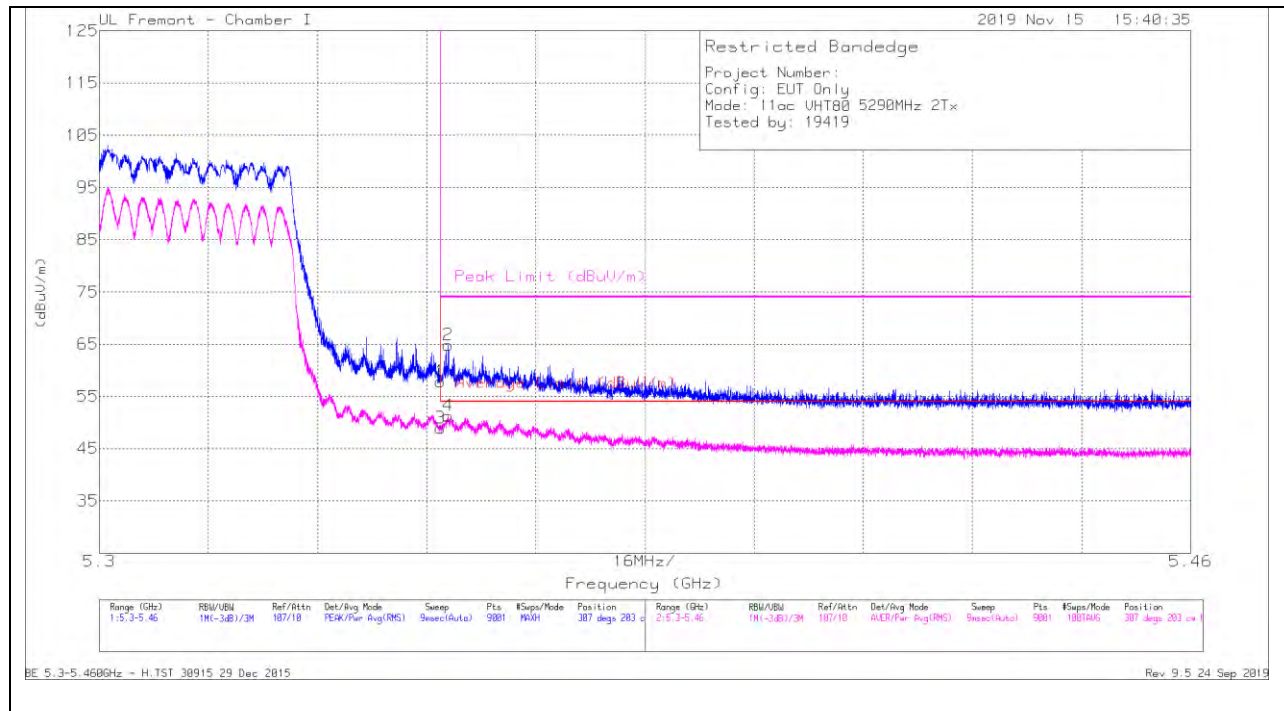
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 40.9                 | Pk  | 34.5           | -21.4                 | 0            | 54                         | -                      | -           | 74                  | -20            | 186            | 144         | V        |
| 2      | * 5.35889       | 43.13                | Pk  | 34.5           | -21.4                 | 0            | 56.23                      | -                      | -           | 74                  | -17.77         | 186            | 144         | V        |
| 3      | * 5.35001       | 33.35                | RMS | 34.5           | -21.4                 | 0.19         | 46.64                      | 54                     | -7.36       | -                   | -              | 186            | 144         | V        |
| 4      | * 5.35165       | 33.66                | RMS | 34.5           | -21.4                 | 0.19         | 46.95                      | 54                     | -7.05       | -                   | -              | 186            | 144         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**2TX LAT3 + UAT2 CDD MODE****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.35001         | 39.44                | Pk  | 34.6           | -16.2                  | 0            | 57.84                      | -                      | -           | 74                  | -16.16         | 307            | 203         | H        |
| 2      | 5.35117         | 46.37                | Pk  | 34.6           | -16.1                  | 0            | 64.87                      | -                      | -           | 74                  | -9.13          | 307            | 203         | H        |
| 3      | 5.35001         | 30.57                | RMS | 34.6           | -16.2                  | 0.19         | 49.16                      | 54                     | -4.84       | -                   | -              | 307            | 203         | H        |
| 4      | 5.35111         | 32.76                | RMS | 34.6           | -16.1                  | 0.19         | 51.45                      | 54                     | -2.55       | -                   | -              | 307            | 203         | H        |

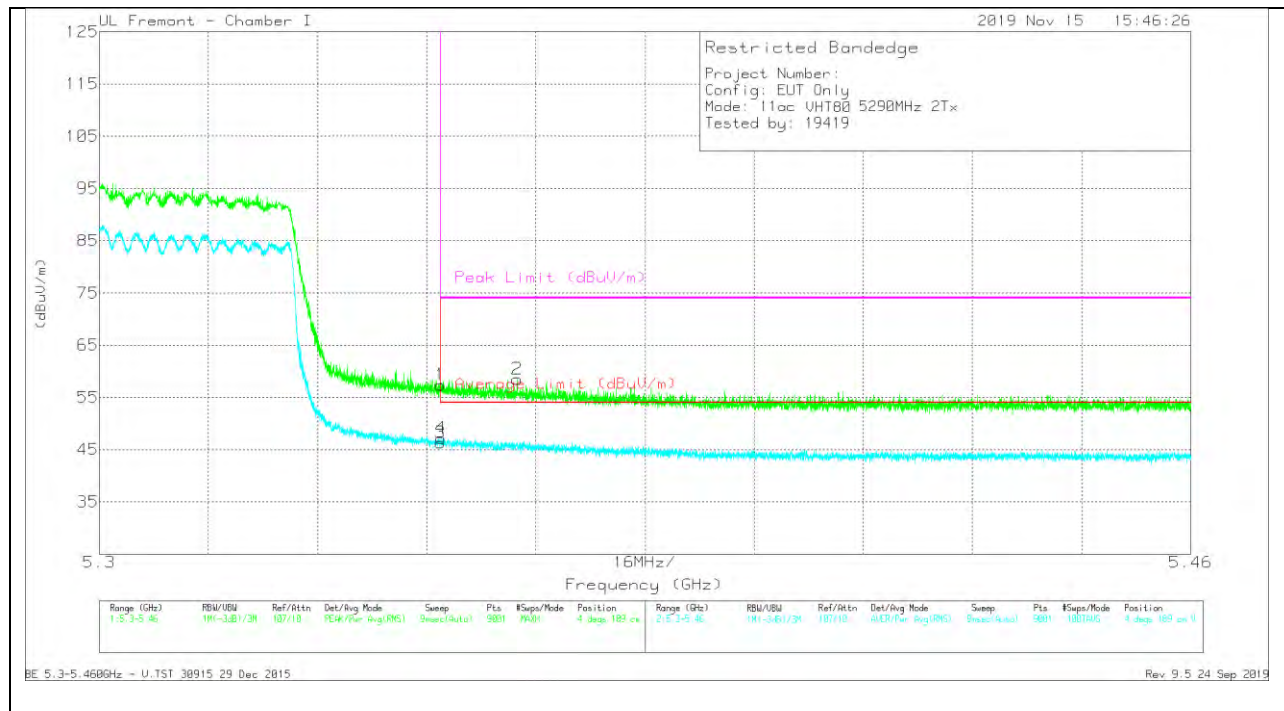
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



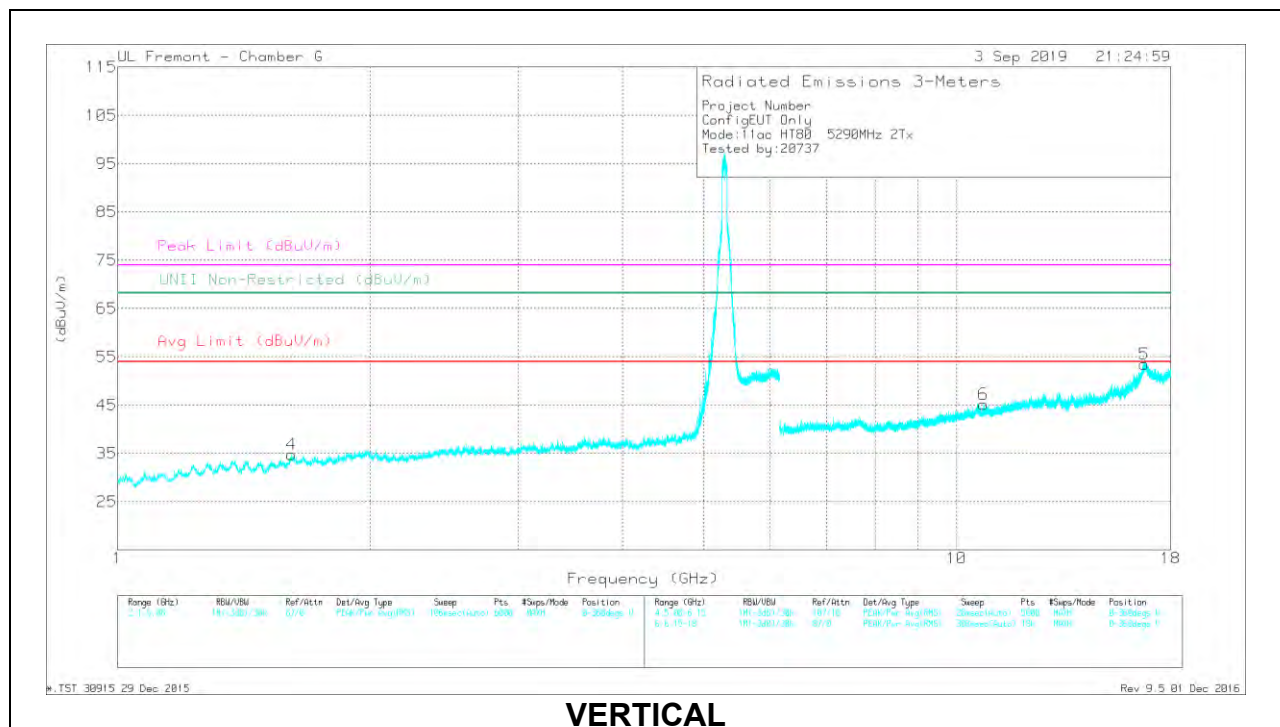
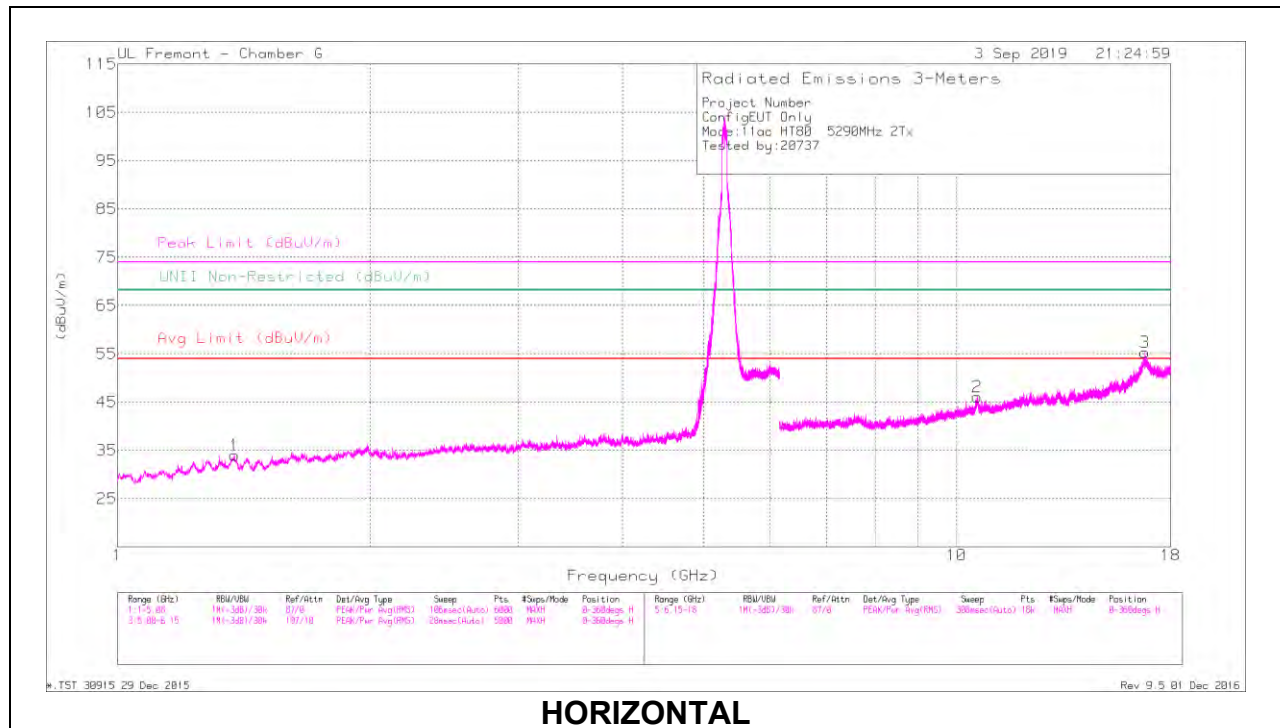
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.35001         | 38.99                | Pk  | 34.6           | -16.2                  | 0            | 57.39                      | -                      | -           | 74                  | -16.61         | 4              | 189         | V        |
| 2      | 5.36126         | 39.99                | Pk  | 34.6           | -16.1                  | 0            | 58.49                      | -                      | -           | 74                  | -15.51         | 4              | 189         | V        |
| 3      | 5.35001         | 27.91                | RMS | 34.6           | -16.2                  | 0.19         | 46.50                      | 54                     | -7.50       | -                   | -              | 4              | 189         | V        |
| 4      | 5.35006         | 28.83                | RMS | 34.6           | -16.2                  | 0.19         | 47.42                      | 54                     | -6.58       | -                   | -              | 4              | 189         | V        |

Pk - Peak detector  
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

## HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T136<br>(dB/m) | Amp/Cbl<br>/Filt/Pad<br>(dB) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | UNII<br>Non-<br>Restrict<br>ed<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|------------------------------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 1.378                | 43.9                       | PK-U | 29.4              | -32.1                        | 0               | 41.2                                     | -                            | -              | 74                            | -32.8                | -                                              | -                    | 61                | 122            | H        |
|        | * 1.376                | 32.35                      | ADR  | 29.4              | -32.1                        | 0.19            | 29.84                                    | 54                           | -24.16         | -                             | -                    | -                                              | -                    | 61                | 122            | H        |
| 4      | * 1.609                | 42.9                       | PK-U | 28.8              | -30.1                        | 0               | 41.6                                     | -                            | -              | 74                            | -32.4                | -                                              | -                    | 130               | 240            | V        |
|        | * 1.611                | 31.45                      | ADR  | 28.8              | -30                          | 0.19            | 30.44                                    | 54                           | -23.56         | -                             | -                    | -                                              | -                    | 130               | 240            | V        |
| 6      | * 10.775               | 37.15                      | PK-U | 37.6              | -23.4                        | 0               | 51.35                                    | -                            | -              | 74                            | -22.65               | -                                              | -                    | 117               | 257            | V        |
|        | * 10.777               | 25.82                      | ADR  | 37.6              | -23.4                        | 0.19            | 40.21                                    | 54                           | -13.79         | -                             | -                    | -                                              | -                    | 117               | 257            | V        |
| 2      | 10.585                 | 37.25                      | PK-U | 37.6              | -23.5                        | 0               | 51.35                                    | -                            | -              | -                             | -                    | 68.2                                           | -16.85               | 198               | 158            | H        |
| 5      | 16.744                 | 36.06                      | PK-U | 41.8              | -18                          | 0               | 59.86                                    | -                            | -              | -                             | -                    | 68.2                                           | -8.34                | 193               | 202            | V        |
| 3      | 16.777                 | 37.18                      | PK-U | 41.8              | -16.9                        | 0               | 62.08                                    | -                            | -              | -                             | -                    | 68.2                                           | -6.12                | 275               | 244            | H        |

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

PK-U - U-NII: Maximum Peak

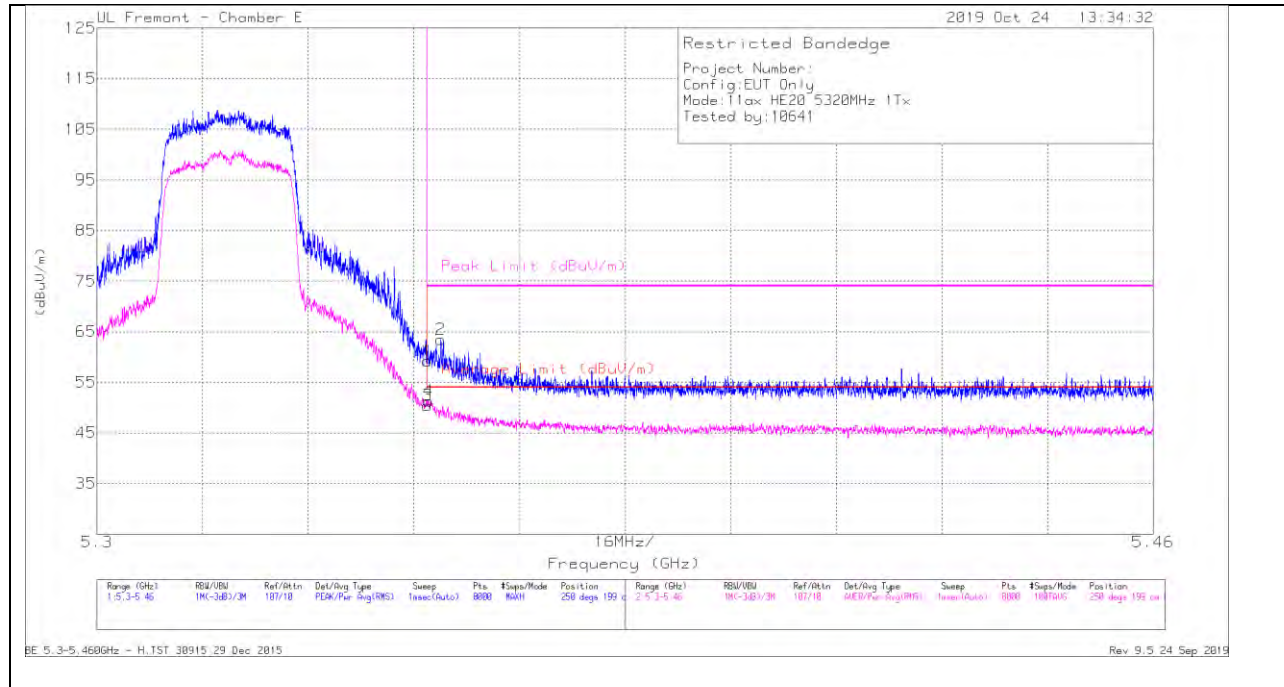
ADR - U-NII AD primary method, RMS average

# 1.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND

## 1TX LAT3 – 242 Tones, RU Index 61

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 46.17                | Pk  | 34.5           | -21.4                   | 59.27                      | -                      | -           | 74                  | -14.73         | 250            | 199         | H        |
| 2      | * 5.35209       | 50.37                | Pk  | 34.5           | -21.4                   | 63.47                      | -                      | -           | 74                  | -10.53         | 250            | 199         | H        |
| 3      | * 5.35001       | 37.27                | RMS | 34.5           | -21.4                   | 50.37                      | 54                     | -3.63       | -                   | -              | 250            | 199         | H        |
| 4      | * 5.35021       | 38.24                | RMS | 34.5           | -21.4                   | 51.34                      | 54                     | -2.66       | -                   | -              | 250            | 199         | H        |

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

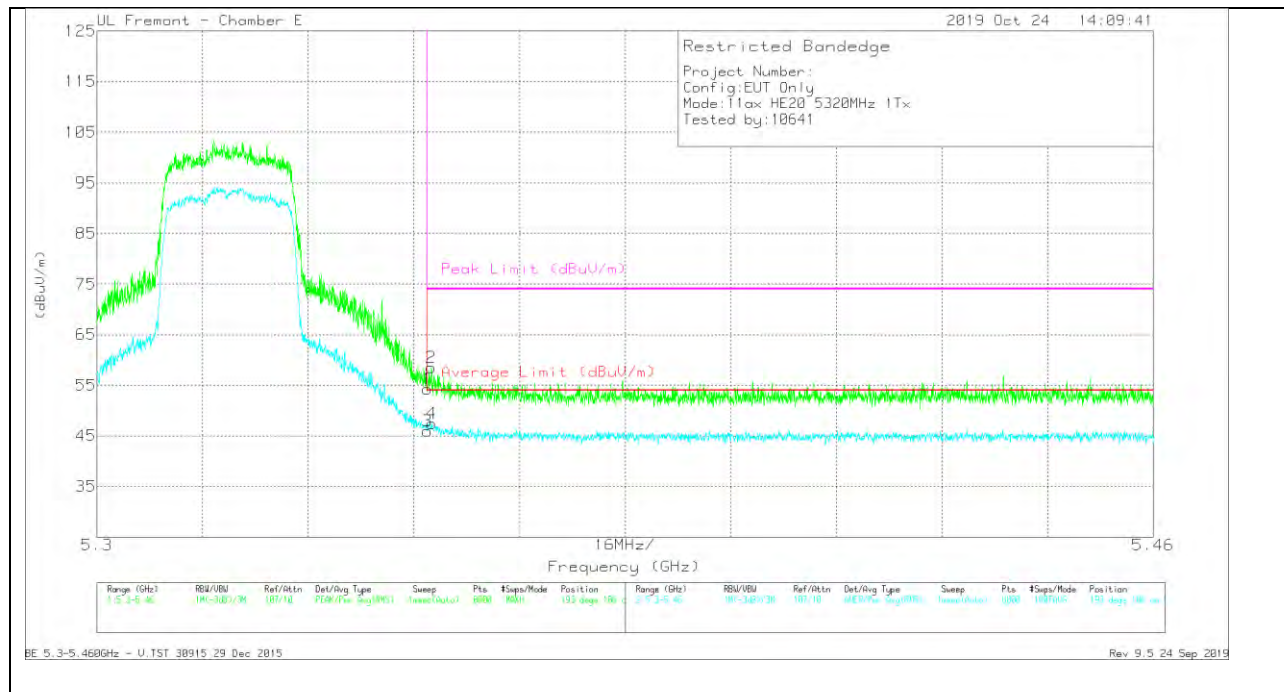
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

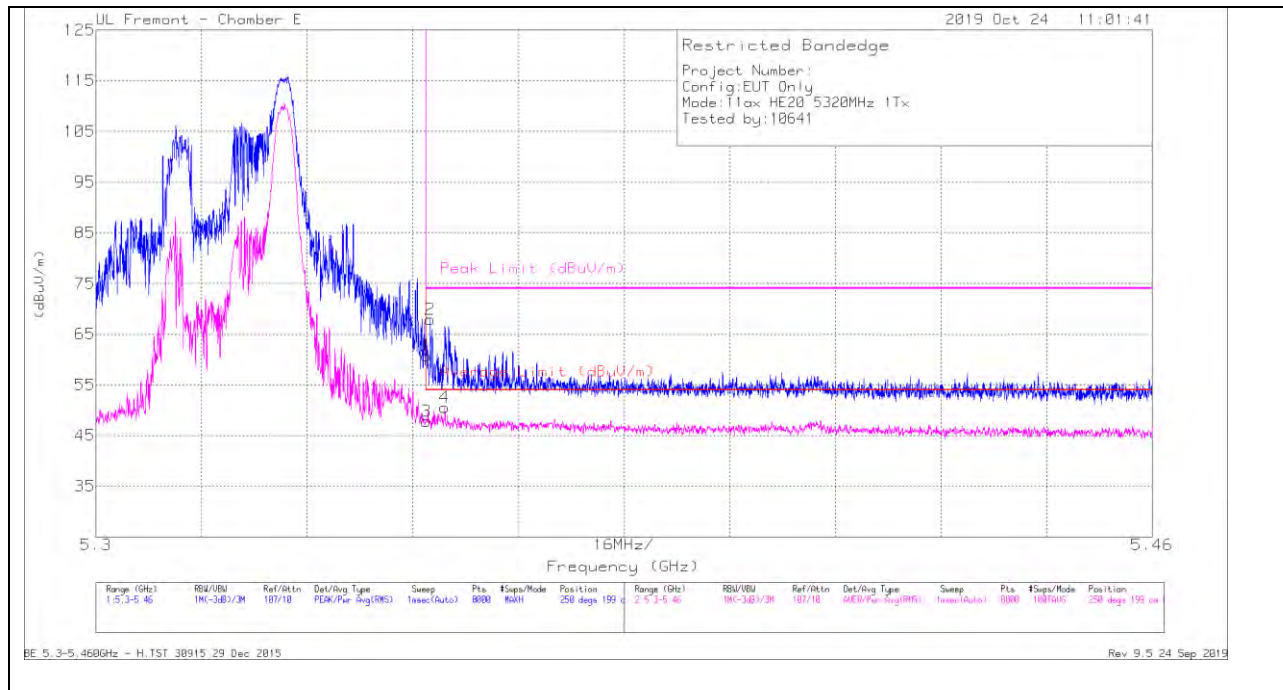
Rev 9.5 24 Sep 2019

## VERTICAL RESULT



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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**1TX LAT3 – 26 Tones, RU Index 8****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 47.57                | Pk  | 34.5           | -21.4                  | 60.67                      | -                      | -           | 74                  | -13.33         | 250            | 199         | H        |
| 2      | * 5.35063       | 54.84                | Pk  | 34.5           | -21.4                  | 67.94                      | -                      | -           | 74                  | -6.06          | 250            | 199         | H        |
| 3      | * 5.35001       | 34.67                | RMS | 34.5           | -21.4                  | 47.77                      | 54                     | -6.23       | -                   | -              | 250            | 199         | H        |
| 4      | * 5.35283       | 37.41                | RMS | 34.5           | -21.4                  | 50.51                      | 54                     | -3.49       | -                   | -              | 250            | 199         | H        |

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

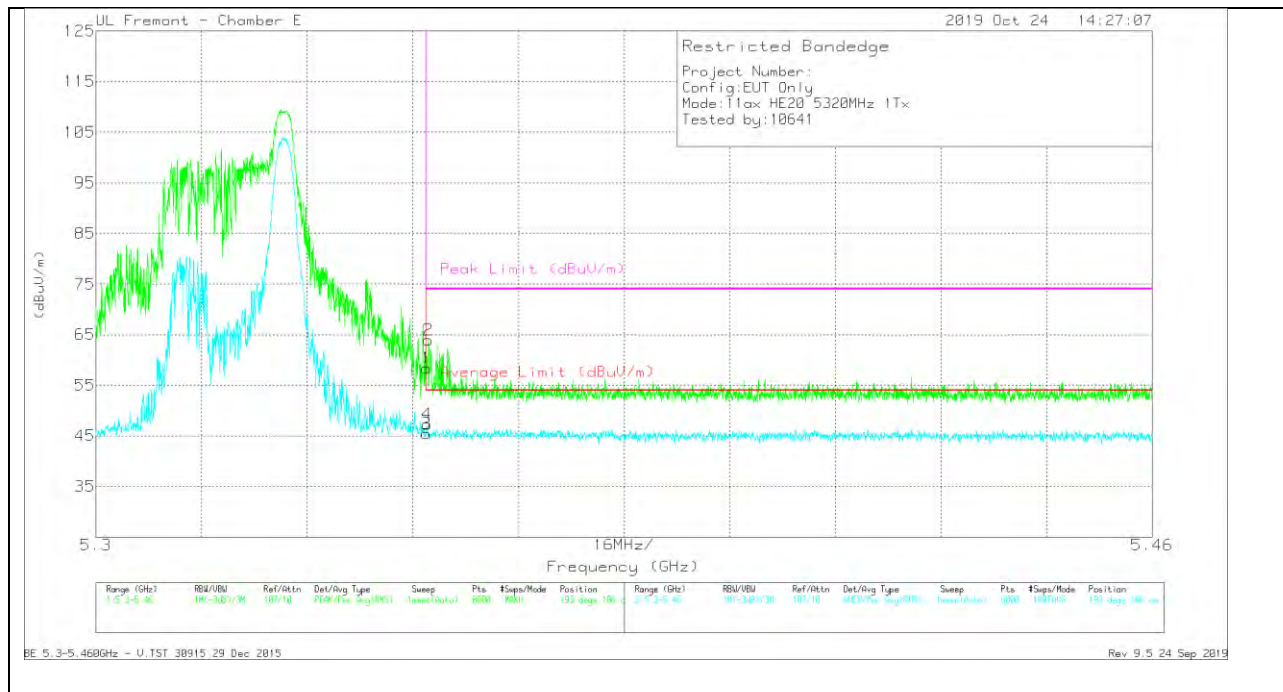
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 45.22                | Pk  | 34.5           | -21.4                  | 58.32                      | -                      | -           | 74                  | -15.68         | 193            | 186         | V        |
| 2      | * 5.35037       | 50.85                | Pk  | 34.5           | -21.4                  | 63.95                      | -                      | -           | 74                  | -10.05         | 193            | 186         | V        |
| 3      | * 5.35001       | 32.39                | RMS | 34.5           | -21.4                  | 45.49                      | 54                     | -8.51       | -                   | -              | 193            | 186         | V        |
| 4      | * 5.35015       | 34.23                | RMS | 34.5           | -21.4                  | 47.33                      | 54                     | -6.67       | -                   | -              | 193            | 186         | V        |

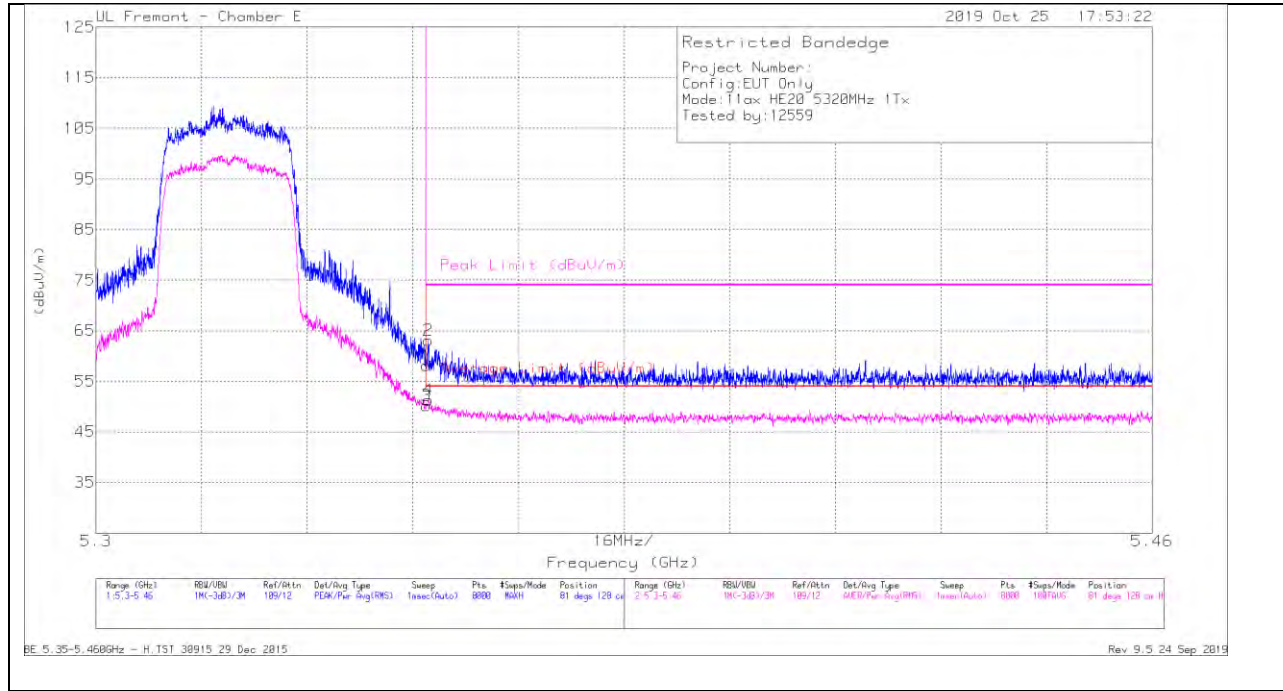
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
Pk - Peak detector  
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**1TX UAT2 – 242 Tones, RU Index 61**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 40.65                | PK  | 34.5           | -17                    | 58.15                      | -                      | -           | 74                  | -15.85         | 81             | 128         | H        |
| 2      | * 5.35033       | 45.63                | PK  | 34.5           | -17                    | 63.13                      | -                      | -           | 74                  | -10.87         | 81             | 128         | H        |
| 3      | * 5.35001       | 32.63                | RMS | 34.5           | -17                    | 50.13                      | 54                     | -3.87       | -                   | -              | 81             | 128         | H        |
| 4      | * 5.35037       | 33.8                 | RMS | 34.5           | -17                    | 51.3                       | 54                     | -2.7        | -                   | -              | 81             | 128         | H        |

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

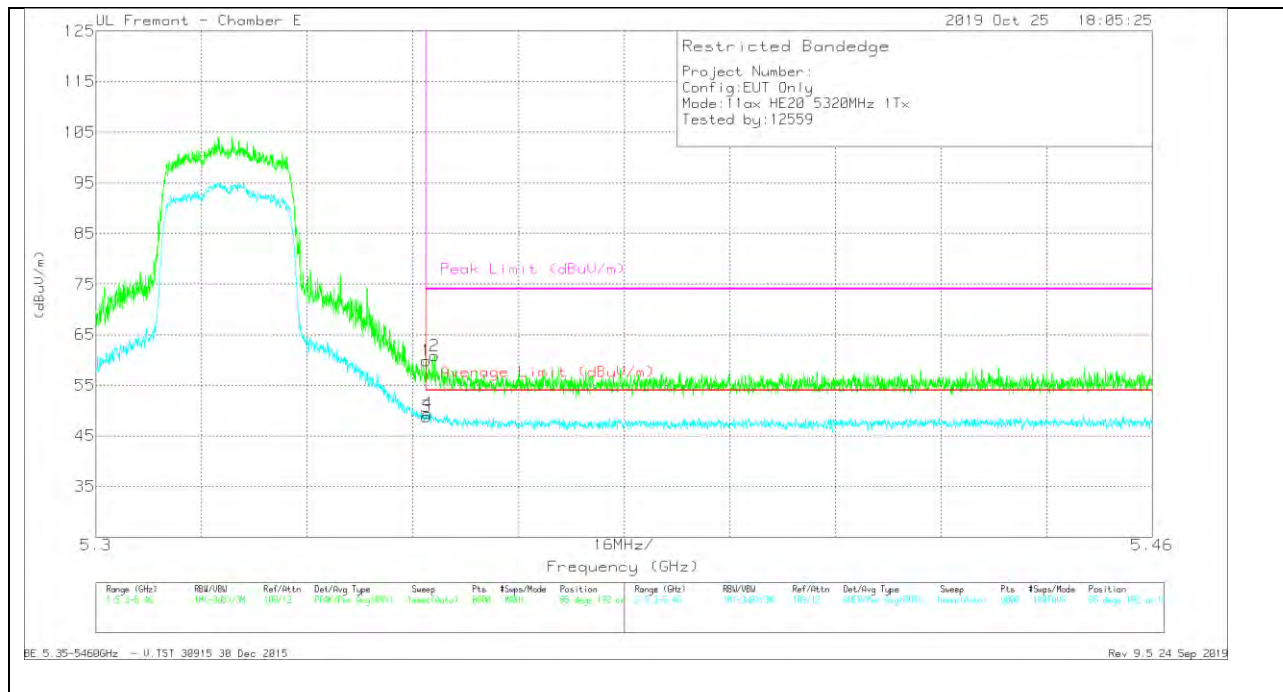
PK - Peak detector

RMS - RMS detection

BE 5.35-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 42.38                | Pk  | 34.5           | -17                    | 59.88                      | -                      | -           | 74                  | -14.12         | 85             | 192         | V        |
| 3      | * 5.35001       | 31.33                | RMS | 34.5           | -17                    | 48.83                      | 54                     | -5.17       | -                   | -              | 85             | 192         | V        |
| 4      | * 5.35027       | 31.89                | RMS | 34.5           | -17                    | 49.39                      | 54                     | -4.61       | -                   | -              | 85             | 192         | V        |
| 2      | * 5.35133       | 43.33                | Pk  | 34.5           | -17                    | 60.83                      | -                      | -           | 74                  | -13.17         | 85             | 192         | V        |

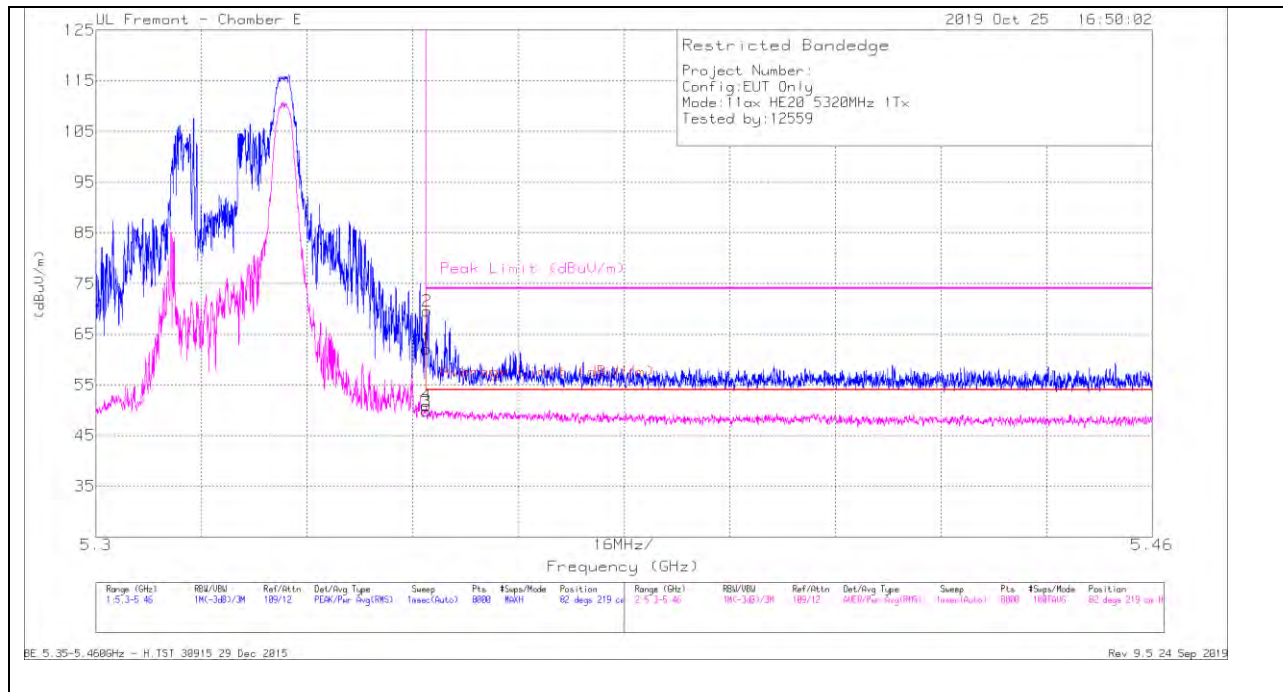
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.35-5460GHz - V.TST 30915 30 Dec 2015

Rev 9.5 24 Sep 2019

**1TX UAT2 – 26 Tones, RU Index 8****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.55                | Pk  | 34.5           | -17                   | 62.05                      | -                      | -           | 74                  | -11.95         | 82             | 219         | H        |
| 2      | * 5.35013       | 52.05                | Pk  | 34.5           | -17                   | 69.55                      | -                      | -           | 74                  | -4.45          | 82             | 219         | H        |
| 3      | * 5.35001       | 32.29                | RMS | 34.5           | -17                   | 49.79                      | 54                     | -4.21       | -                   | -              | 82             | 219         | H        |
| 4      | * 5.35007       | 33.41                | RMS | 34.5           | -17                   | 50.91                      | 54                     | -3.09       | -                   | -              | 82             | 219         | H        |

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

Pk - Peak detector

RMS - RMS detection

BE 5.35-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

UL Fremont - Chamber E

2019 Oct 25 16:58:44

Restricted Bandedge

Project Number:

Config: EUT Only

Mode: T1ax HE20 5320MHz 1Tx

Tested by: 12559

(dBuV/m)

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

16MHz/

Frequency (GHz)

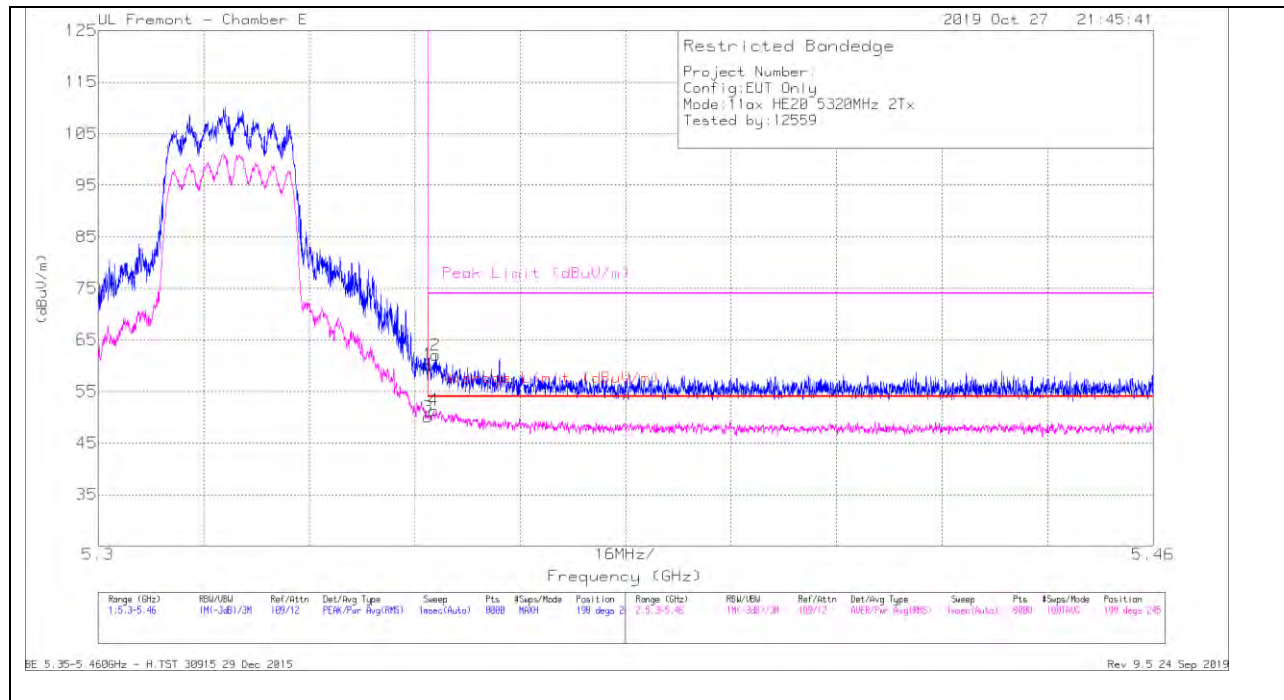
| Range (GHz) | RBW/BBW    | Ref/AltIn | Det/AvG Type  | Sweep       | Pts  | #Seps/Mode | Position       | Range (GHz) | RBW/BBW    | Ref/AltIn | Det/AvG Type    | Sweep       | Pts  | #Seps/Mode | Position       |
|-------------|------------|-----------|---------------|-------------|------|------------|----------------|-------------|------------|-----------|-----------------|-------------|------|------------|----------------|
| 1.5-5.46    | 100-300/30 | 10/12     | PKR/Freq (dB) | Freeze/Auto | 8000 | 8000       | 7.1 deg 195 or | 2.5-5.46    | 100-300/30 | 10/12     | dB/E1/Freq (dB) | Freeze/Auto | 8000 | 100/100    | 7.1 deg 195 or |

BE 5\_35-5460GHz - U.TST 38915\_38 Dec 2015

Rev 9.5 24 Sep 2019

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 37.63                | Pk  | 34.5           | -17                    | 55.13                      | -                      | -           | 74                  | -18.87         | 73             | 195         | V        |
| 2      | * 5.35243       | 47.69                | Pk  | 34.5           | -17                    | 65.19                      | -                      | -           | 74                  | -8.81          | 73             | 195         | V        |
| 3      | * 5.35001       | 30.11                | RMS | 34.5           | -17                    | 47.61                      | 54                     | -6.39       | -                   | -              | 73             | 195         | V        |
| 4      | * 5.35047       | 32.2                 | RMS | 34.5           | -17                    | 49.7                       | 54                     | -4.3        | -                   | -              | 73             | 195         | V        |

BE 5.35-5460GHz - V.TST 30915 30 Dec 2015  
Rev 9.5 24 Sep 2019

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.65                | Pk  | 34.5           | -17                     | 60.15                      | -                      | -           | 74                  | -13.85         | 198            | 245         | H        |
| 2      | * 5.35119       | 44.53                | Pk  | 34.5           | -17                     | 62.03                      | -                      | -           | 74                  | -11.97         | 198            | 245         | H        |
| 3      | * 5.35001       | 32.59                | RMS | 34.5           | -17                     | 50.09                      | 54                     | -3.91       | -                   | -              | 198            | 245         | H        |
| 4      | * 5.35089       | 33.83                | RMS | 34.5           | -17                     | 51.33                      | 54                     | -2.67       | -                   | -              | 198            | 245         | H        |

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

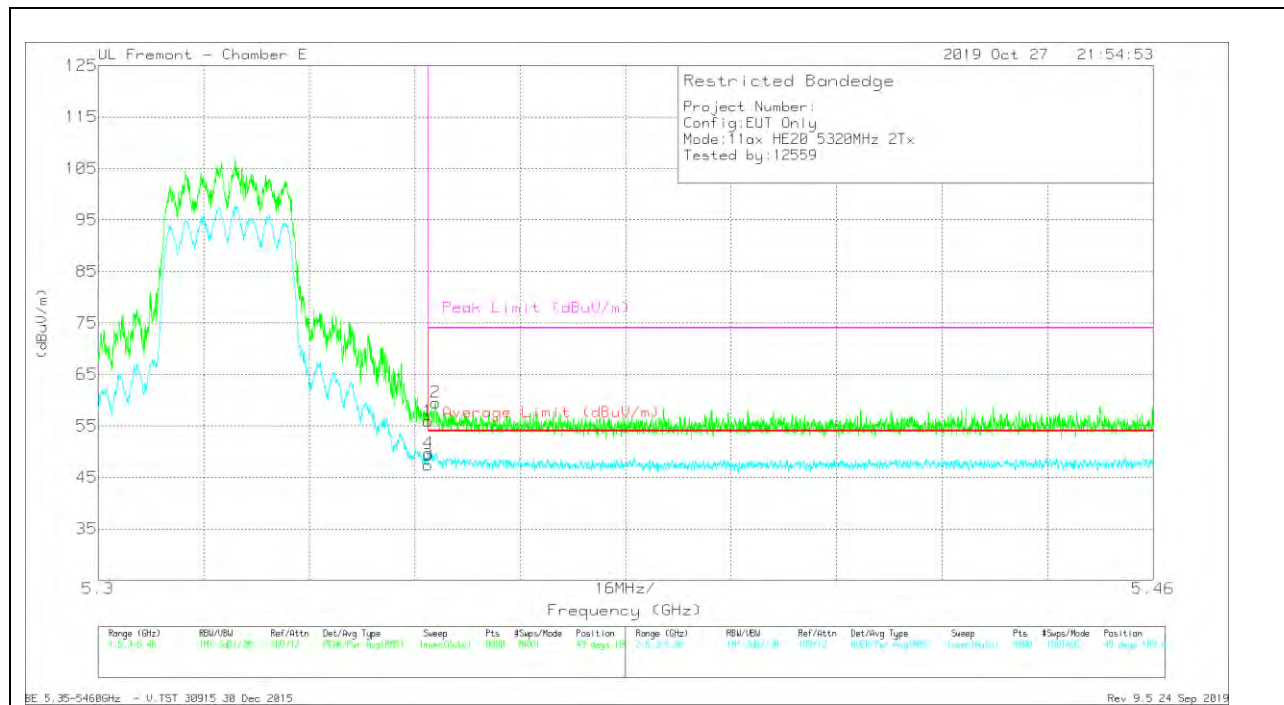
Pk - Peak detector

RMS - RMS detection

BE 5.35-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 38.43                | Pk  | 34.5           | -17                    | 55.93                      | -                      | -           | 74                  | -18.07         | 49             | 189         | V        |
| 2      | * 5.35117       | 42.05                | Pk  | 34.5           | -17                    | 59.55                      | -                      | -           | 74                  | -14.45         | 49             | 189         | V        |
| 3      | * 5.35001       | 29.9                 | RMS | 34.5           | -17                    | 47.4                       | 54                     | -6.6        | -                   | -              | 49             | 189         | V        |
| 4      | * 5.35017       | 32.18                | RMS | 34.5           | -17                    | 49.68                      | 54                     | -4.32       | -                   | -              | 49             | 189         | V        |

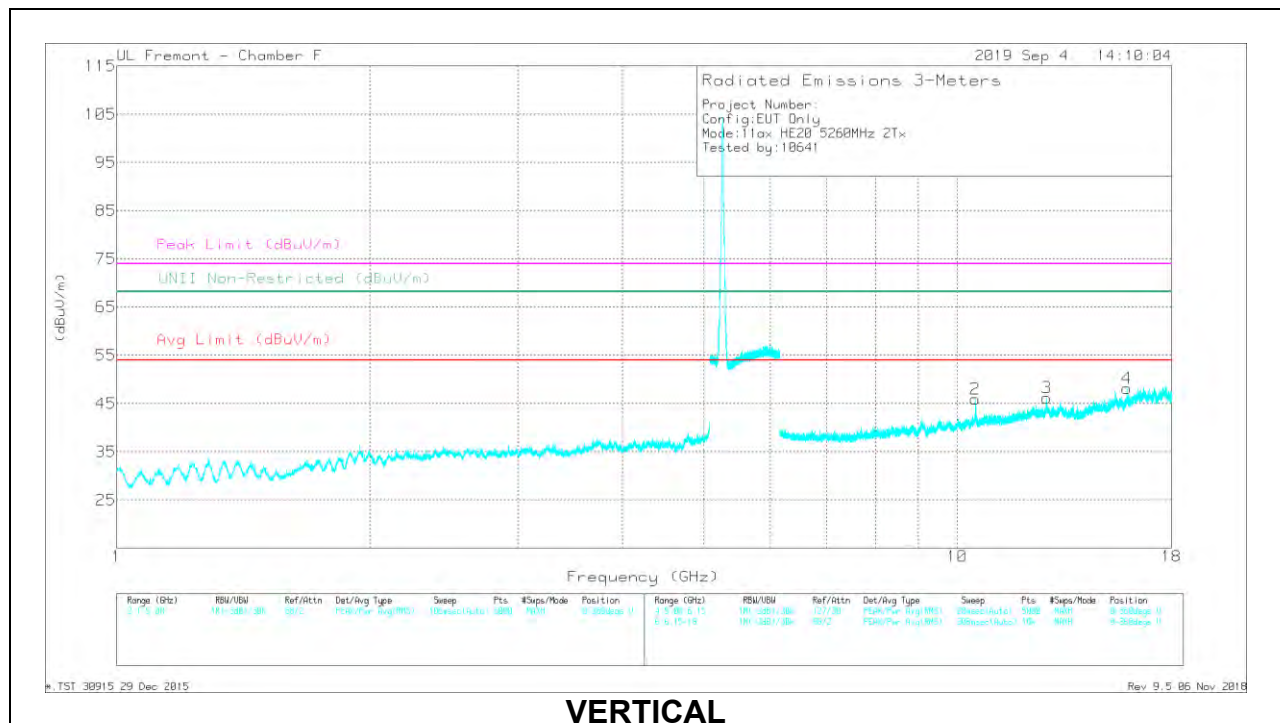
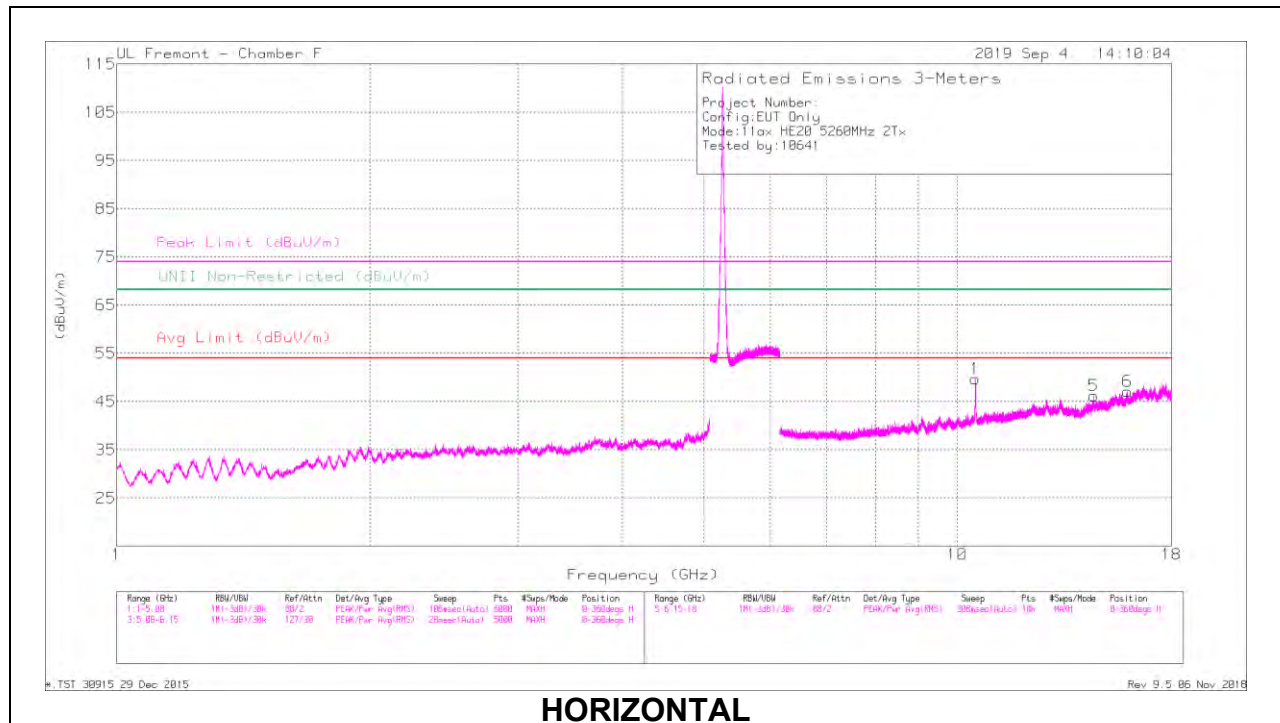
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.35-5460GHz - V.TST 30915 30 Dec 2015

Rev 9.5 24 Sep 2019

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

## RADIATED EMISSIONS

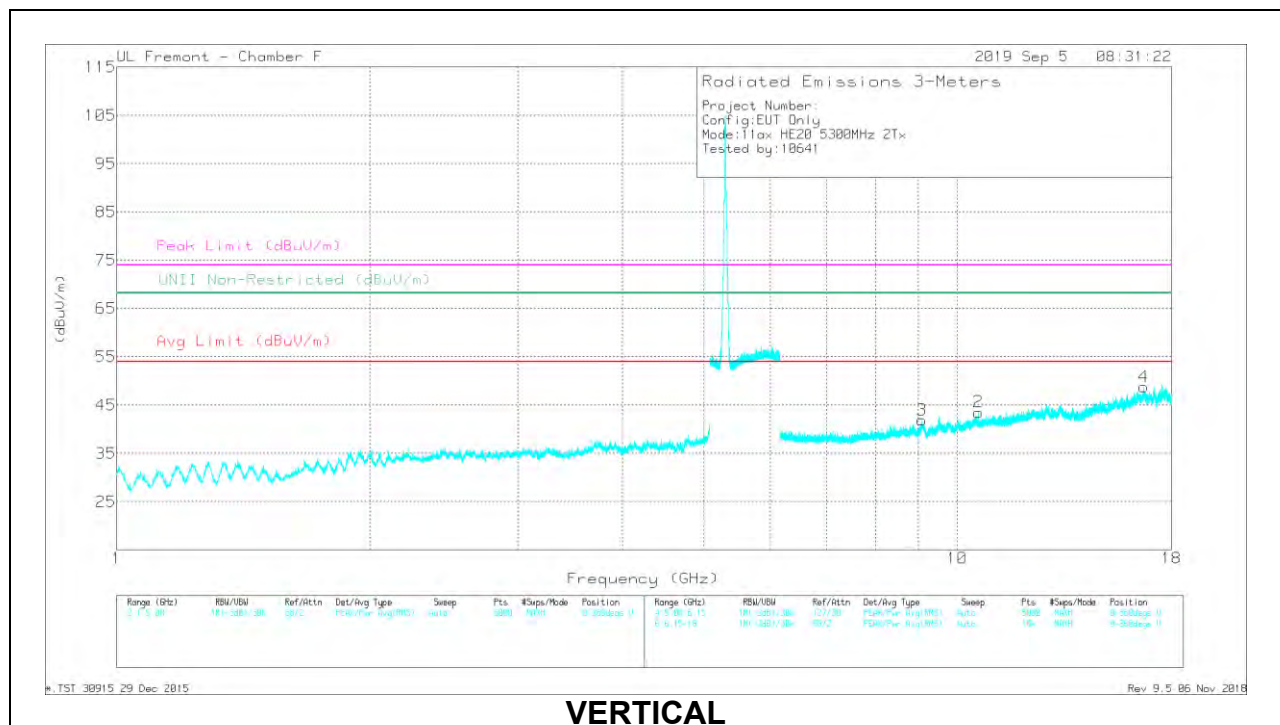
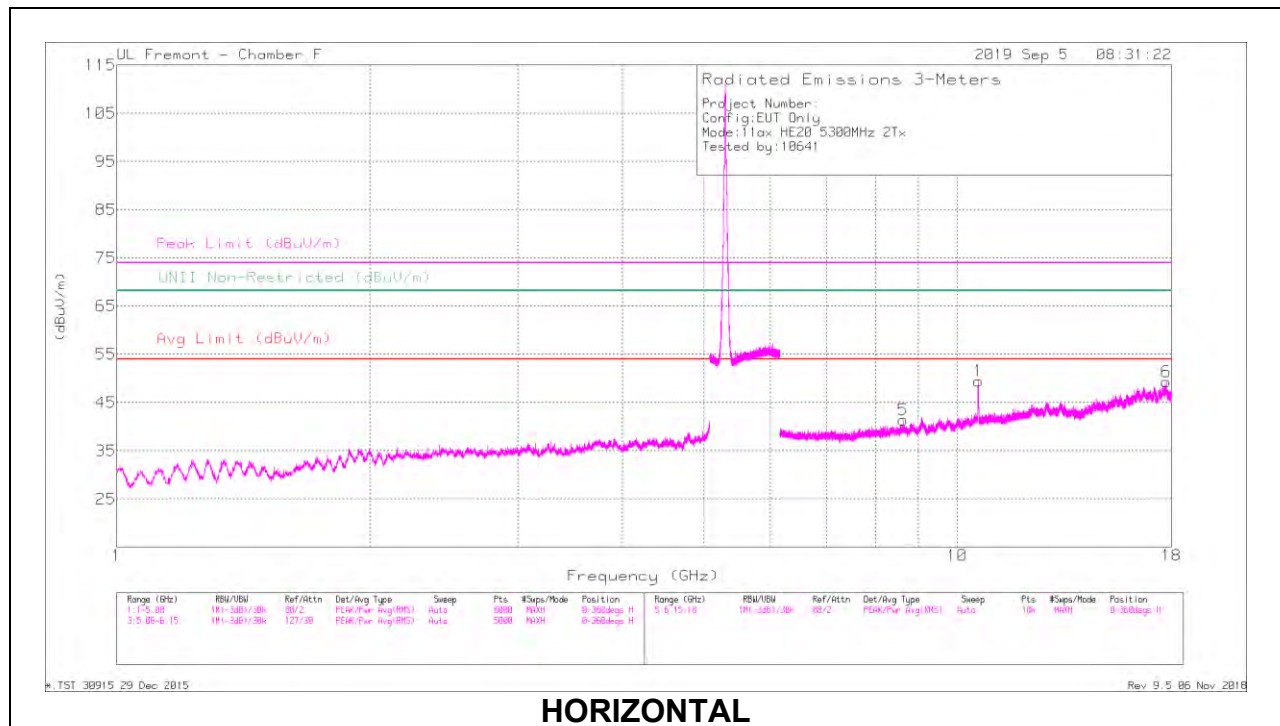
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 10.521          | 55.72                | PK-U | 37.7           | -38.6                   | 55.82                      | -                  | -           | -                   | -              | 68.2                         | -12.38         | 80             | 104         | H        |
| 6      | * 15.952        | 49.79                | PK-U | 40.6           | -37.1                   | 53.29                      | -                  | -           | 74                  | -20.71         | -                            | -              | 47             | 246         | H        |
|        | * 15.953        | 38.84                | ADR  | 40.6           | -37.1                   | 42.34                      | 54                 | -11.66      | -                   | -              | -                            | -              | 47             | 246         | H        |
| 5      | 14.533          | 50.01                | PK-U | 39.5           | -37.8                   | 51.71                      | -                  | -           | -                   | -              | 68.2                         | -16.49         | 118            | 171         | H        |
| 2      | 10.52           | 53.01                | PK-U | 37.7           | -38.7                   | 52.01                      | -                  | -           | -                   | -              | 68.2                         | -16.19         | 220            | 112         | V        |
| 4      | * 15.94         | 49.77                | PK-U | 40.6           | -37.1                   | 53.27                      | -                  | -           | 74                  | -20.73         | -                            | -              | 91             | 214         | V        |
|        | * 15.941        | 39.31                | ADR  | 40.6           | -37.1                   | 42.81                      | 54                 | -11.19      | -                   | -              | -                            | -              | 91             | 214         | V        |
| 3      | 12.786          | 50.6                 | PK-U | 39.3           | -37.9                   | 52                         | -                  | -           | -                   | -              | 68.2                         | -16.2          | 245            | 200         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

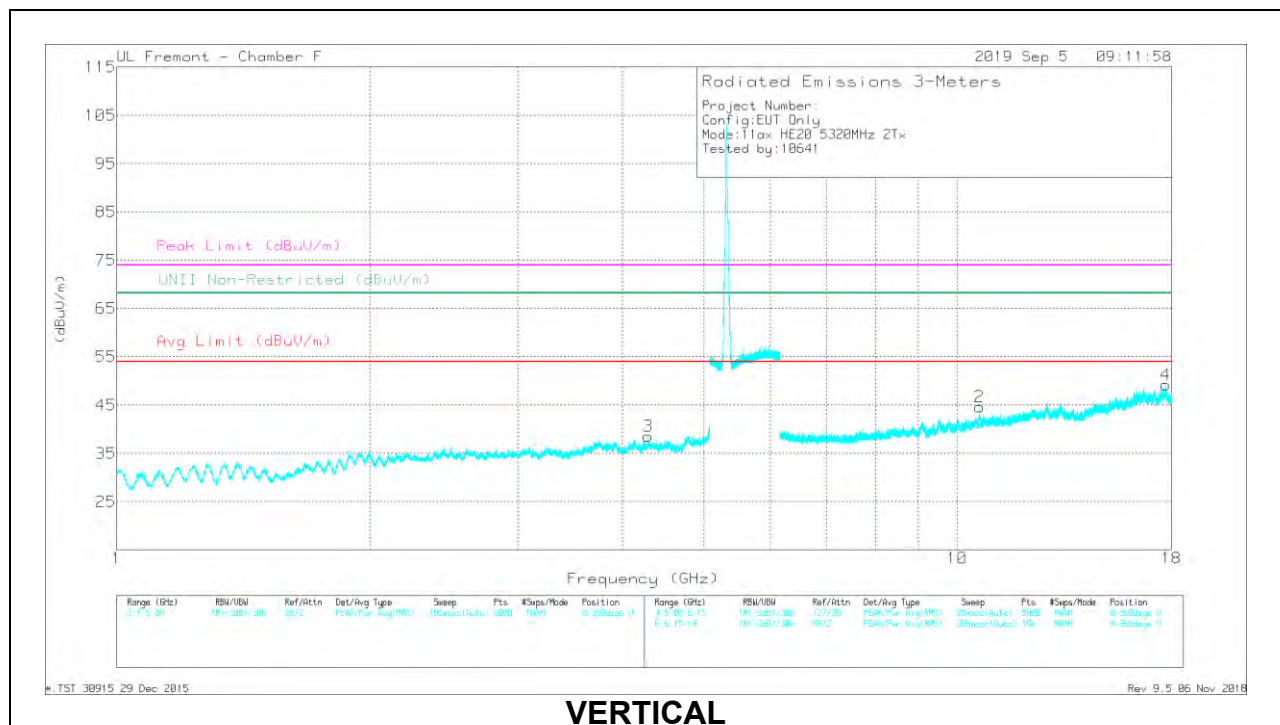
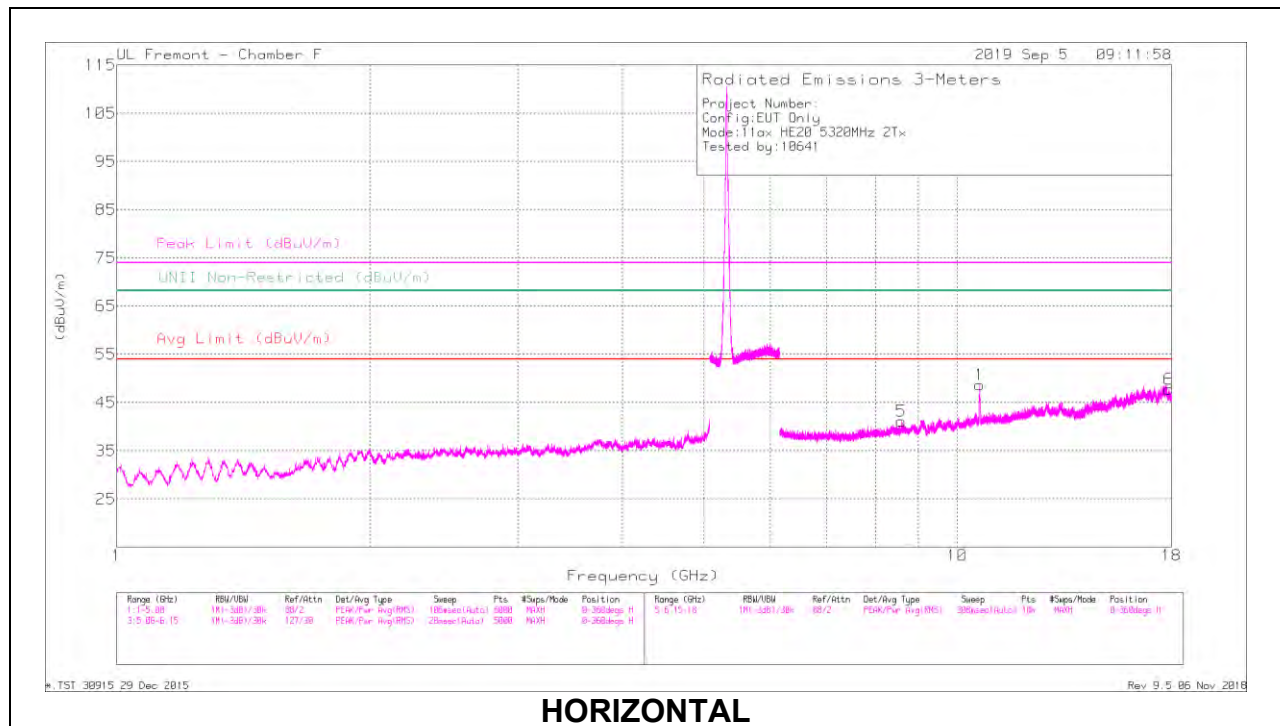
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 10.601        | 57.48                | PK-U | 37.8           | -39                     | 56.26                      | -                  | -           | 74                  | -17.72         | -                            | -              | 237            | 102         | H        |
|        | * 10.601        | 46.74                | ADR  | 37.8           | -39                     | 45.54                      | 54                 | -8.46       | -                   | -              | -                            | -              | 237            | 102         | H        |
| 6      | * 17.743        | 50.14                | PK-U | 41.5           | -36.7                   | 54.94                      | -                  | -           | 74                  | -19.06         | -                            | -              | 179            | 147         | H        |
|        | * 17.741        | 39.69                | ADR  | 41.6           | -36.7                   | 44.59                      | 54                 | -9.41       | -                   | -              | -                            | -              | 179            | 147         | H        |
| 5      | 8.627           | 49.74                | PK-U | 36             | -38.9                   | 46.84                      | -                  | -           | -                   | -              | 68.2                         | -21.36         | 220            | 175         | H        |
| 2      | * 10.605        | 51.99                | PK-U | 37.9           | -39                     | 50.89                      | -                  | -           | 74                  | -23.11         | -                            | -              | 147            | 103         | V        |
|        | * 10.605        | 40.24                | ADR  | 37.9           | -39                     | 39.14                      | 54                 | -14.86      | -                   | -              | -                            | -              | 147            | 103         | V        |
| 3      | * 9.081         | 51.01                | PK-U | 36.3           | -38.8                   | 48.51                      | -                  | -           | 74                  | -25.49         | -                            | -              | 114            | 117         | V        |
|        | * 9.083         | 39.93                | ADR  | 36.3           | -38.8                   | 37.43                      | 54                 | -16.57      | -                   | -              | -                            | -              | 114            | 117         | V        |
| 4      | 16.696          | 50.14                | PK-U | 41.9           | -37.4                   | 54.64                      | -                  | -           | -                   | -              | 68.2                         | -13.56         | 205            | 190         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



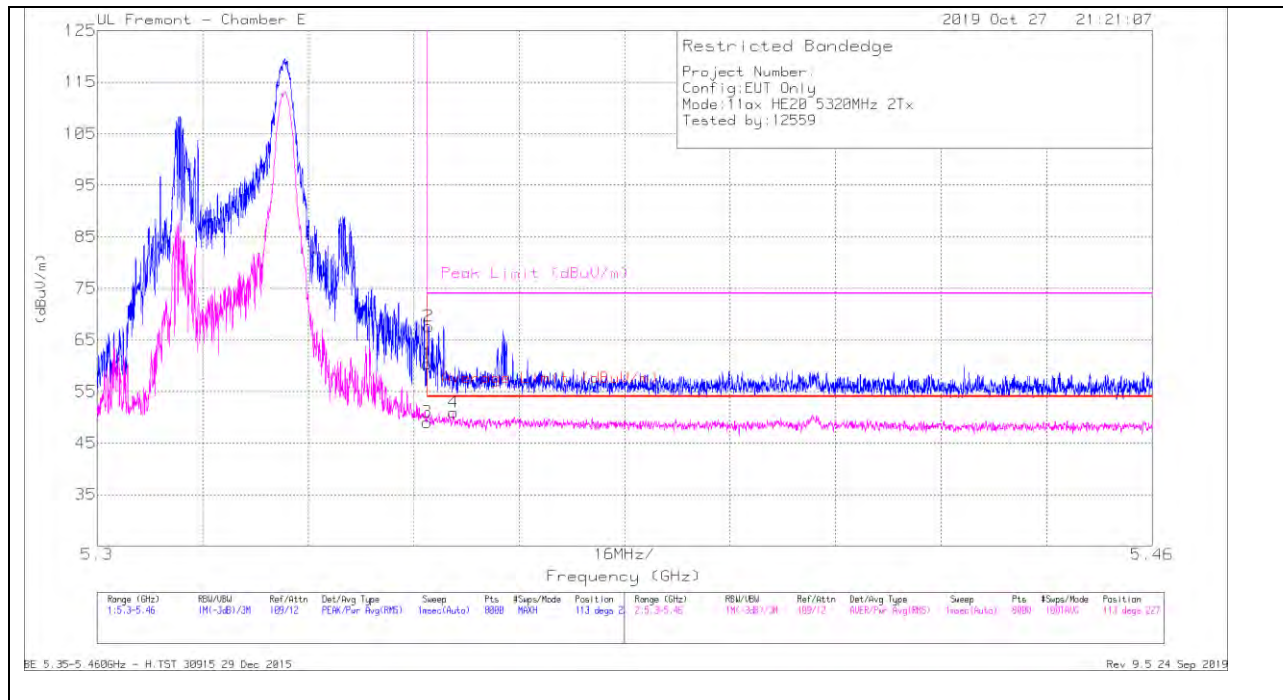
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 3      | * 4.292         | 54.63                | PK-U | 33.9           | -44.2                   | 44.33                      | -                  | -           | 74                  | -29.67         | -                            | -              | 143            | 158         | V        |
|        | * 4.292         | 43.54                | ADR  | 33.9           | -44.2                   | 33.24                      | 54                 | -20.76      | -                   | -              | -                            | -              | 143            | 158         | V        |
| 1      | * 10.64         | 56.78                | PK-U | 37.9           | -39.3                   | 55.38                      | -                  | -           | 74                  | -18.62         | -                            | -              | 330            | 100         | H        |
|        | * 10.64         | 45.66                | ADR  | 37.9           | -39.3                   | 44.26                      | 54                 | -9.74       | -                   | -              | -                            | -              | 330            | 100         | H        |
| 6      | * 17.887        | 50.9                 | PK-U | 41.2           | -37.8                   | 54.3                       | -                  | -           | 74                  | -19.7          | -                            | -              | 129            | 141         | H        |
|        | * 17.885        | 39.48                | ADR  | 41.1           | -37.9                   | 42.68                      | 54                 | -11.32      | -                   | -              | -                            | -              | 129            | 141         | H        |
| 5      | 8.586           | 50.01                | PK-U | 35.9           | -39.2                   | 46.71                      | -                  | -           | -                   | -              | 68.2                         | -21.49         | 154            | 172         | H        |
| 2      | * 10.642        | 53.56                | PK-U | 37.9           | -39.3                   | 52.16                      | -                  | -           | 74                  | -21.84         | -                            | -              | 132            | 112         | V        |
|        | * 10.641        | 42.69                | ADR  | 37.9           | -39.3                   | 41.29                      | 54                 | -12.71      | -                   | -              | -                            | -              | 132            | 112         | V        |
| 4      | * 17.723        | 50.95                | PK-U | 41.6           | -36.9                   | 55.65                      | -                  | -           | 74                  | -18.35         | -                            | -              | 118            | 125         | V        |
|        | * 17.723        | 39.54                | ADR  | 41.6           | -36.9                   | 44.24                      | 54                 | -9.76       | -                   | -              | -                            | -              | 118            | 125         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.82                | Pk  | 34.5           | -17                     | 60.32                      | -                      | -           | 74                  | -13.68         | 113            | 227         | H        |
| 2      | * 5.35027       | 50.12                | Pk  | 34.5           | -17                     | 67.62                      | -                      | -           | 74                  | -6.38          | 113            | 227         | H        |
| 3      | * 5.35001       | 31.54                | RMS | 34.5           | -17                     | 49.04                      | 54                     | -4.96       | -                   | -              | 113            | 227         | H        |
| 4      | * 5.35401       | 33.42                | RMS | 34.5           | -17                     | 50.92                      | 54                     | -3.08       | -                   | -              | 113            | 227         | H        |

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

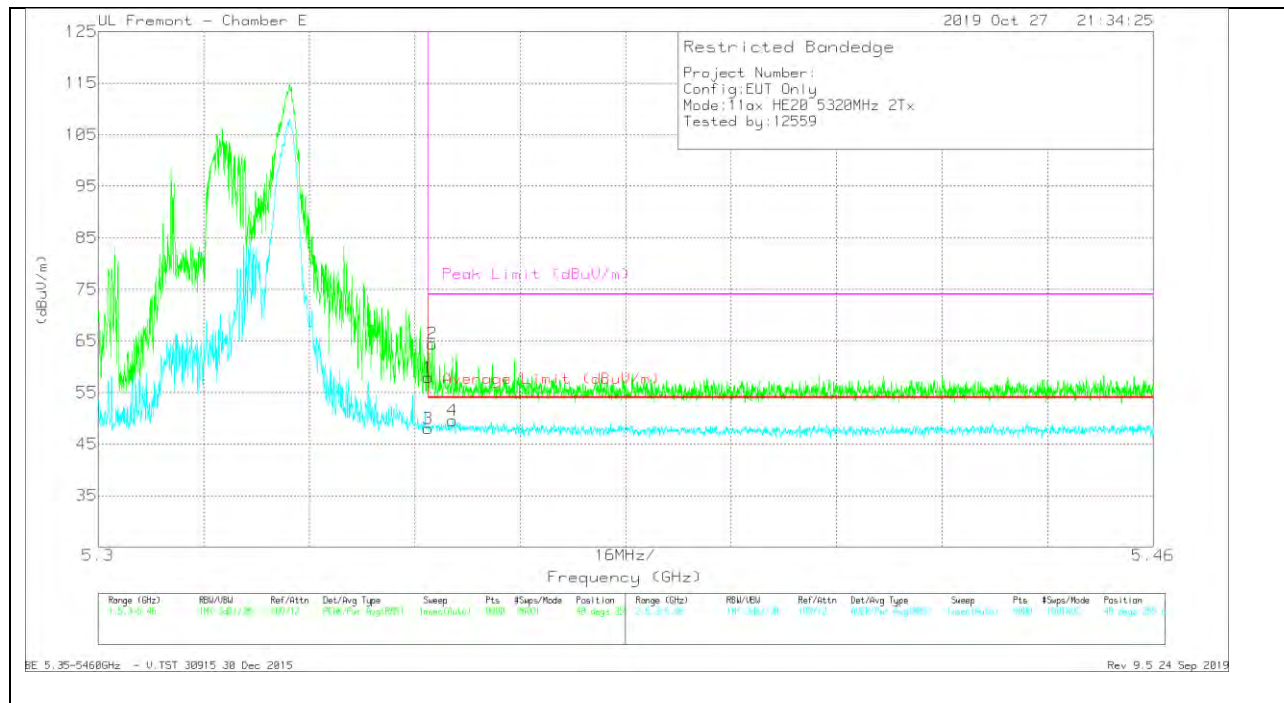
Pk - Peak detector

RMS - RMS detection

BE 5.35-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 40.4                 | Pk  | 34.5           | -17                    | 57.9                       | -                      | -           | 74                  | -16.1          | 48             | 355         | V        |
| 2      | * 5.35067       | 46.95                | Pk  | 34.5           | -17                    | 64.45                      | -                      | -           | 74                  | -9.55          | 48             | 355         | V        |
| 3      | * 5.35001       | 30.5                 | RMS | 34.5           | -17                    | 48                         | 54                     | -6          | -                   | -              | 48             | 355         | V        |
| 4      | * 5.35379       | 32.05                | RMS | 34.5           | -17                    | 49.55                      | 54                     | -4.45       | -                   | -              | 48             | 355         | V        |

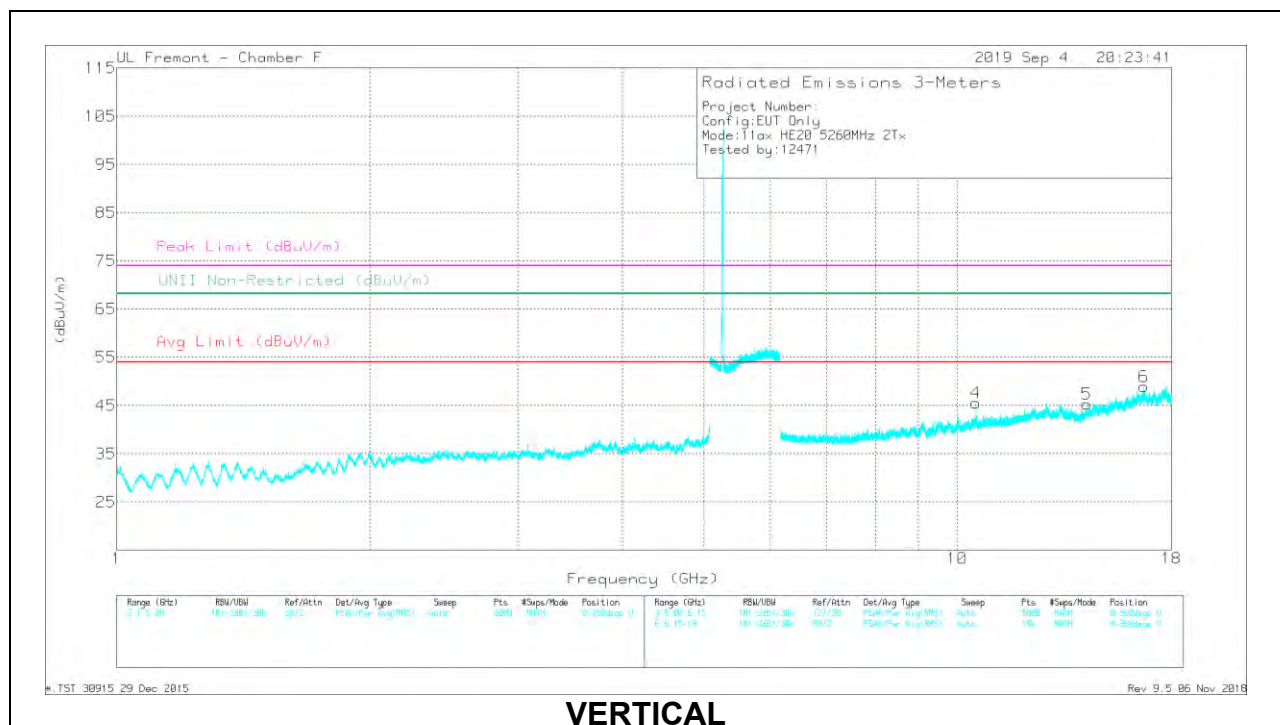
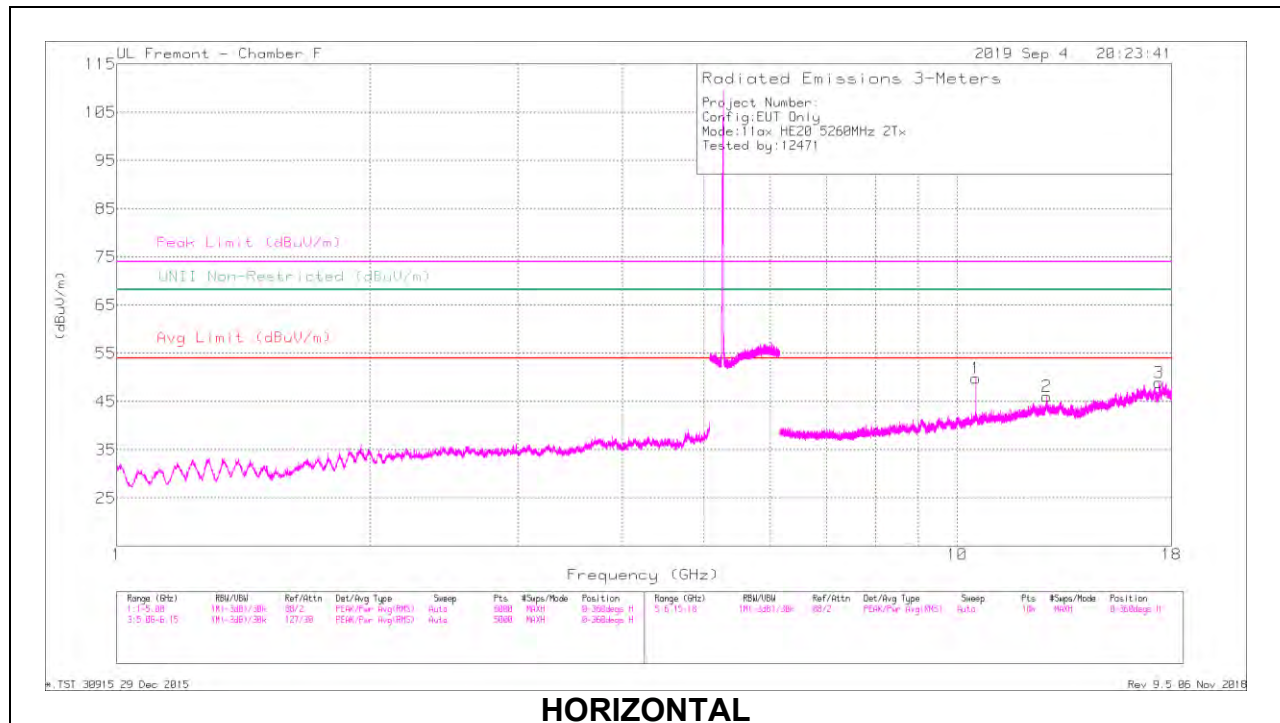
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.35-5460GHz - V.TST 30915 30 Dec 2015

Rev 9.5 24 Sep 2019

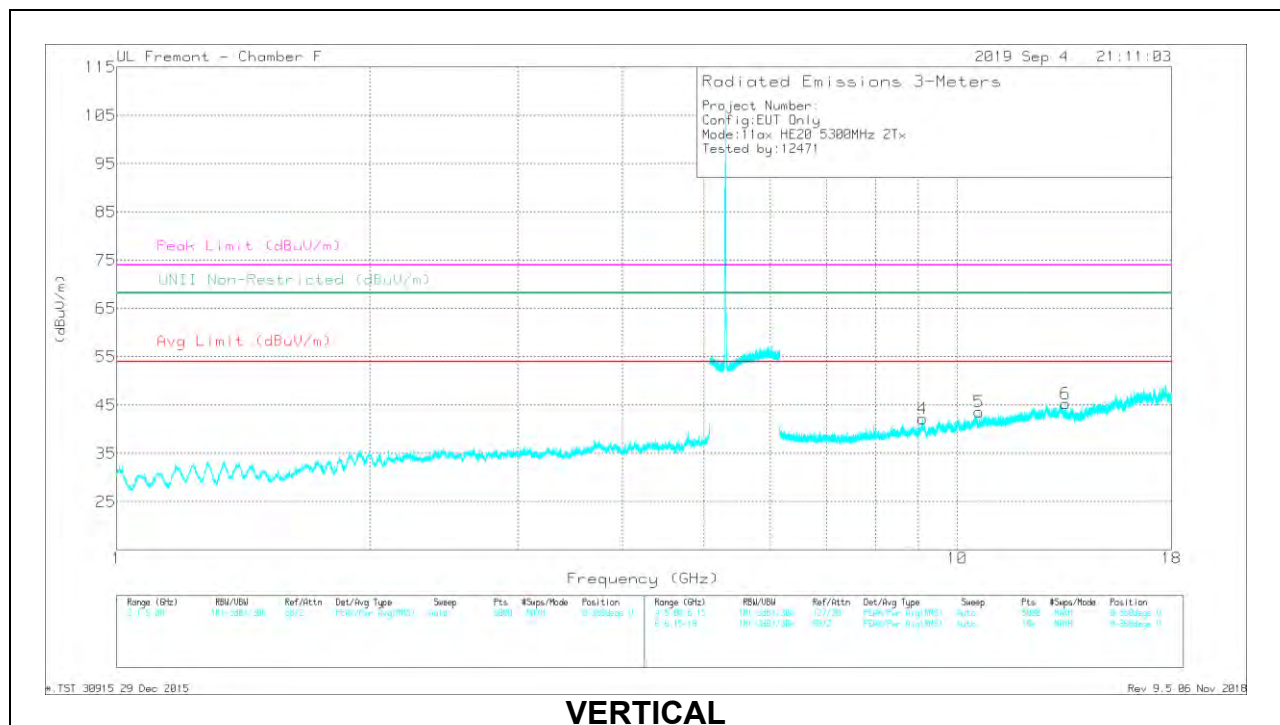
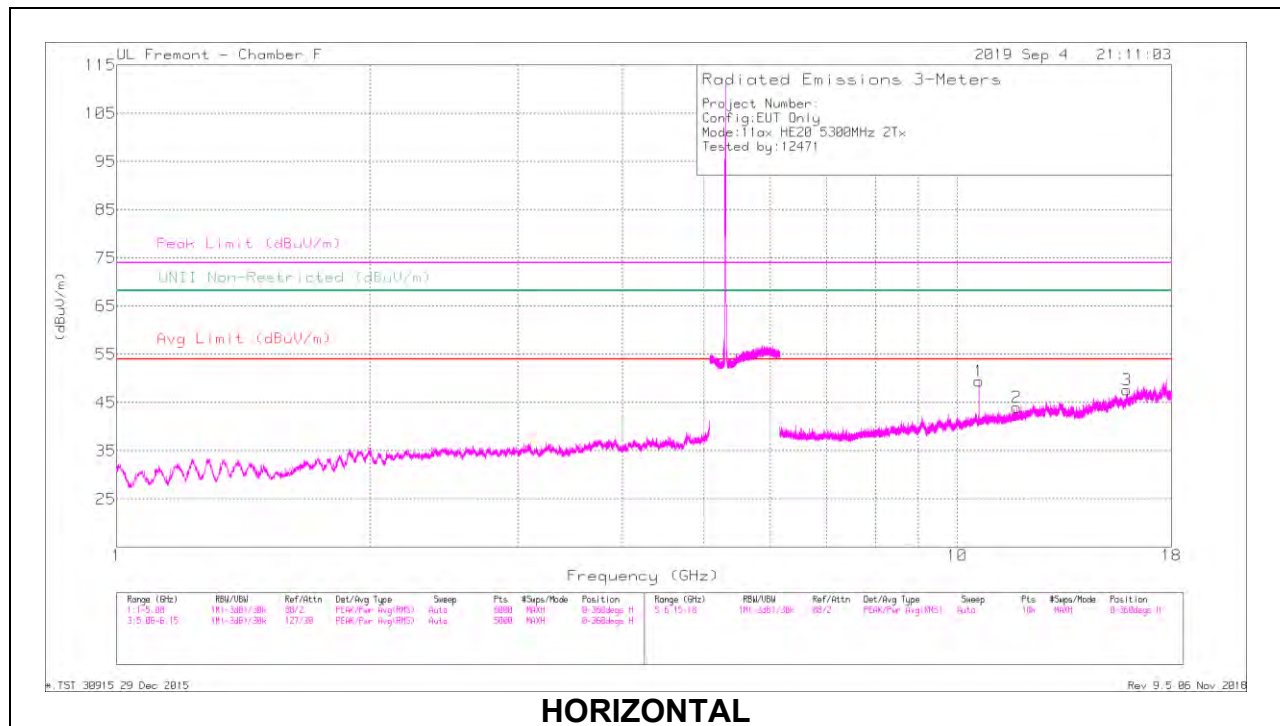
**HARMONICS AND SPURIOUS EMISSIONS****LOW CHANNEL RESULTS**

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 10.537          | 59                   | PK-U | 37.8          | -38.2                | 53.6                       | -                  | -           | -                   | -              | 68.2                         | -9.6           | 153            | 139         | H        |
| 2      | 12.792          | 49.92                | PK-U | 39.2          | -38.1                | 51.02                      | -                  | -           | -                   | -              | 68.2                         | -17.18         | 226            | 178         | H        |
| 3      | 17.404          | 50.63                | PK-U | 41.4          | -37.8                | 54.23                      | -                  | -           | -                   | -              | 68.2                         | -13.97         | 74             | 203         | H        |
| 4      | 10.537          | 55.27                | PK-U | 37.8          | -38.2                | 54.87                      | -                  | -           | -                   | -              | 68.2                         | -13.33         | 318            | 126         | V        |
| 5      | 14.268          | 51.15                | PK-U | 39            | -38                  | 52.15                      | -                  | -           | -                   | -              | 68.2                         | -16.05         | 347            | 144         | V        |
| 6      | 16.681          | 50.19                | PK-U | 41.9          | -36.8                | 55.29                      | -                  | -           | -                   | -              | 68.2                         | -12.91         | 96             | 167         | V        |

PK-U - U-NII: Maximum Peak

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

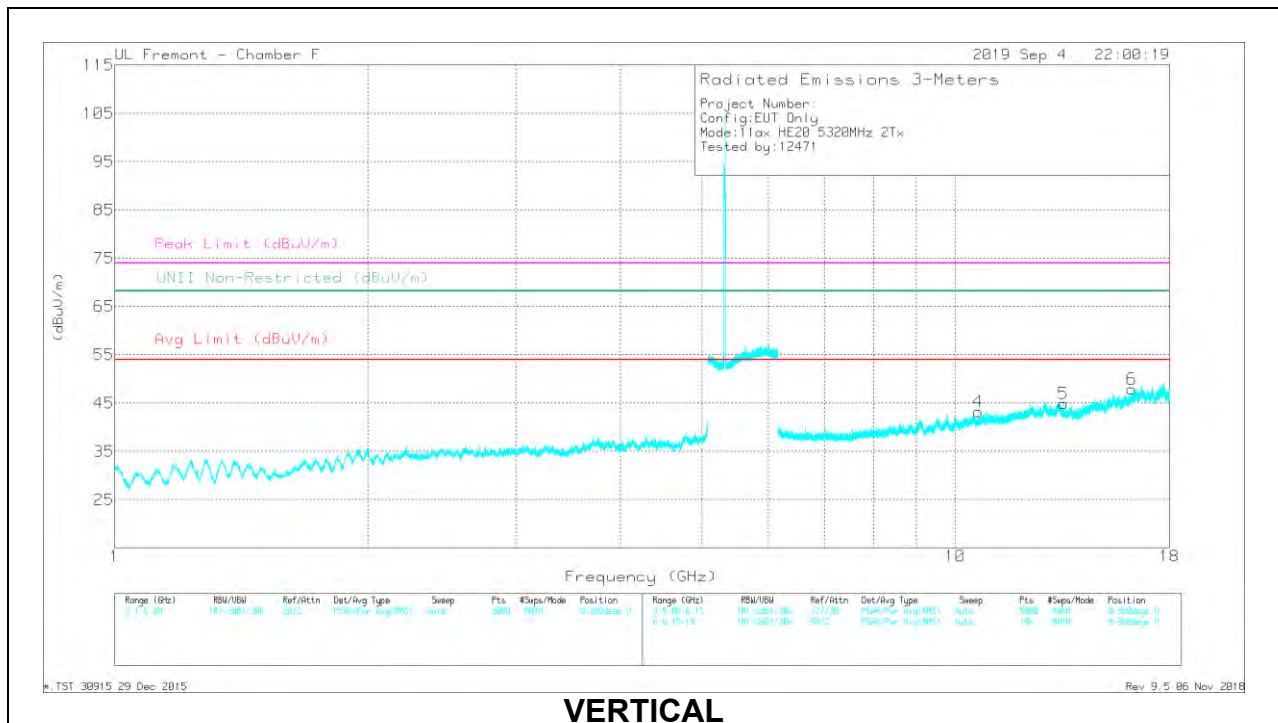
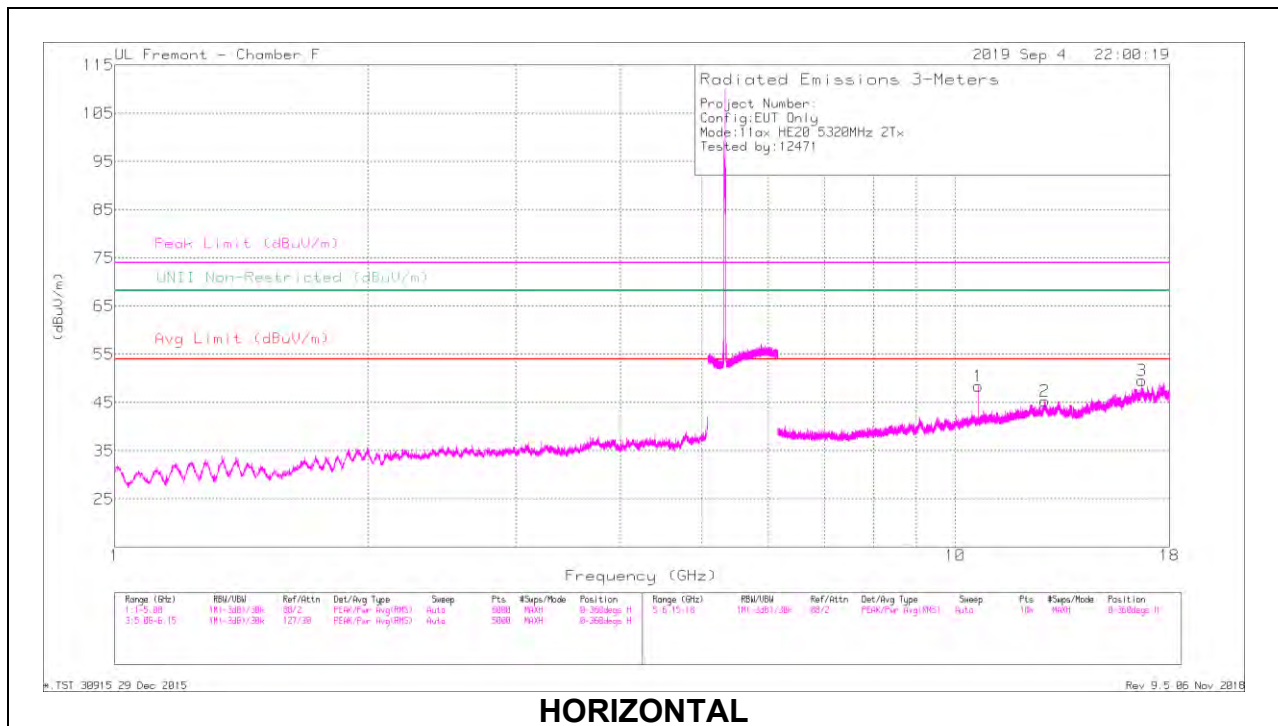
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 10.617        | 58.87                | PK-U | 37.8          | -39.2                 | 57.47                      | -                  | -           | 74                  | -16.53         | -                            | -              | 207            | 106         | H        |
|        | * 10.617        | 48.56                | ADR  | 37.8          | -39.2                 | 45.16                      | 54                 | -8.84       | -                   | -              | -                            | -              | 207            | 106         | H        |
| 2      | * 11.776        | 50.76                | PK-U | 38.5          | -39                   | 50.26                      | -                  | -           | 74                  | -23.74         | -                            | -              | 295            | 202         | H        |
|        | * 11.777        | 38.56                | ADR  | 38.5          | -39                   | 38.06                      | 54                 | -15.94      | -                   | -              | -                            | -              | 295            | 202         | H        |
| 3      | * 15.946        | 50.12                | PK-U | 40.6          | -37.1                 | 53.62                      | -                  | -           | 74                  | -20.38         | -                            | -              | 114            | 164         | H        |
|        | * 15.943        | 38.64                | ADR  | 40.6          | -37.1                 | 42.14                      | 54                 | -11.86      | -                   | -              | -                            | -              | 114            | 164         | H        |
| 4      | * 9.1           | 51.01                | PK-U | 36.3          | -38.9                 | 48.41                      | -                  | -           | 74                  | -25.59         | -                            | -              | 339            | 198         | V        |
|        | * 9.101         | 39.31                | ADR  | 36.3          | -38.8                 | 36.81                      | 54                 | -17.19      | -                   | -              | -                            | -              | 339            | 198         | V        |
| 5      | * 10.617        | 53.23                | PK-U | 37.8          | -39.2                 | 51.83                      | -                  | -           | 74                  | -22.17         | -                            | -              | 312            | 398         | V        |
|        | * 10.617        | 40.98                | ADR  | 37.8          | -39.2                 | 39.58                      | 54                 | -14.42      | -                   | -              | -                            | -              | 312            | 398         | V        |
| 6      | 13.47           | 50.43                | PK-U | 39.1          | -38.9                 | 50.63                      | -                  | -           | -                   | -              | 68.2                         | -17.57         | 182            | 114         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 10.656        | 57.44                | PK-U | 37.9          | -39.3                  | 56.04                      | -                  | -           | 74                  | -17.96         | -                            | -              | 0              | 100         | H        |
|        | * 10.657        | 44.8                 | ADR  | 37.9          | -39.3                  | 43.4                       | 54                 | -10.6       | -                   | -              | -                            | -              | 0              | 100         | H        |
| 2      | 12.784          | 51.23                | PK-U | 39.3          | -37.9                  | 52.63                      | -                  | -           | -                   | -              | 68.2                         | -15.57         | 98             | 166         | H        |
| 3      | 16.68           | 49.74                | PK-U | 41.9          | -36.8                  | 54.84                      | -                  | -           | -                   | -              | 68.2                         | -13.36         | 279            | 214         | H        |
| 4      | * 10.657        | 50.78                | PK-U | 37.9          | -39.3                  | 49.38                      | -                  | -           | 74                  | -24.62         | -                            | -              | 35             | 211         | V        |
|        | * 10.657        | 39.56                | ADR  | 37.9          | -39.3                  | 38.16                      | 54                 | -15.84      | -                   | -              | -                            | -              | 35             | 211         | V        |
| 5      | 13.467          | 50.67                | PK-U | 39            | -38.9                  | 50.77                      | -                  | -           | -                   | -              | 68.2                         | -17.43         | 141            | 149         | V        |
| 6      | 16.242          | 50.56                | PK-U | 41.1          | -37.7                  | 53.96                      | -                  | -           | -                   | -              | 68.2                         | -14.24         | 306            | 207         | V        |

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

PK-U - U-NII: Maximum Peak

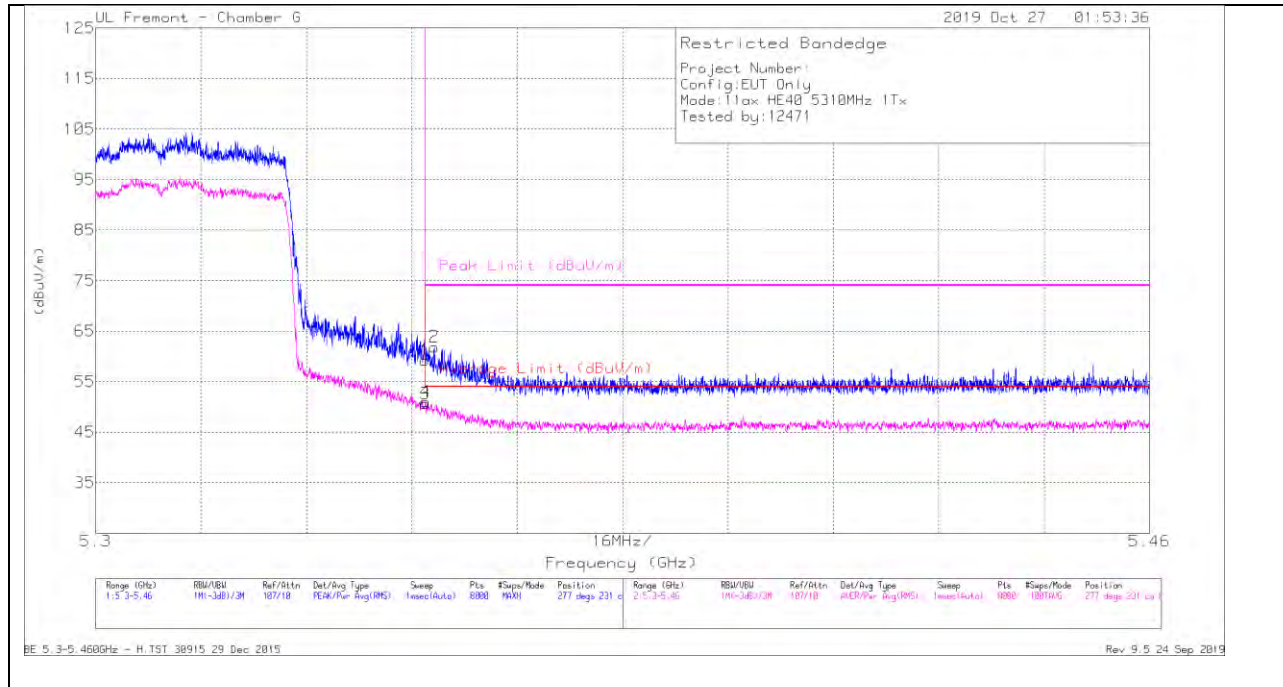
ADR - U-NII AD primary method, RMS average

# 1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND

## 1TX LAT3 – 484 Tones, RU Index 65

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.79                | Pk  | 34.6           | -20.2                   | 59.19                      | -                      | -           | 74                  | -14.81         | 277            | 231         | H        |
| 2      | * 5.35139       | 47.5                 | Pk  | 34.6           | -20.2                   | 61.9                       | -                      | -           | 74                  | -12.1          | 277            | 231         | H        |
| 3      | * 5.35001       | 36.21                | RMS | 34.6           | -20.2                   | 50.61                      | 54                     | -3.39       | -                   | -              | 277            | 231         | H        |
| 4      | * 5.35009       | 36.58                | RMS | 34.6           | -20.2                   | 50.98                      | 54                     | -3.02       | -                   | -              | 277            | 231         | H        |

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

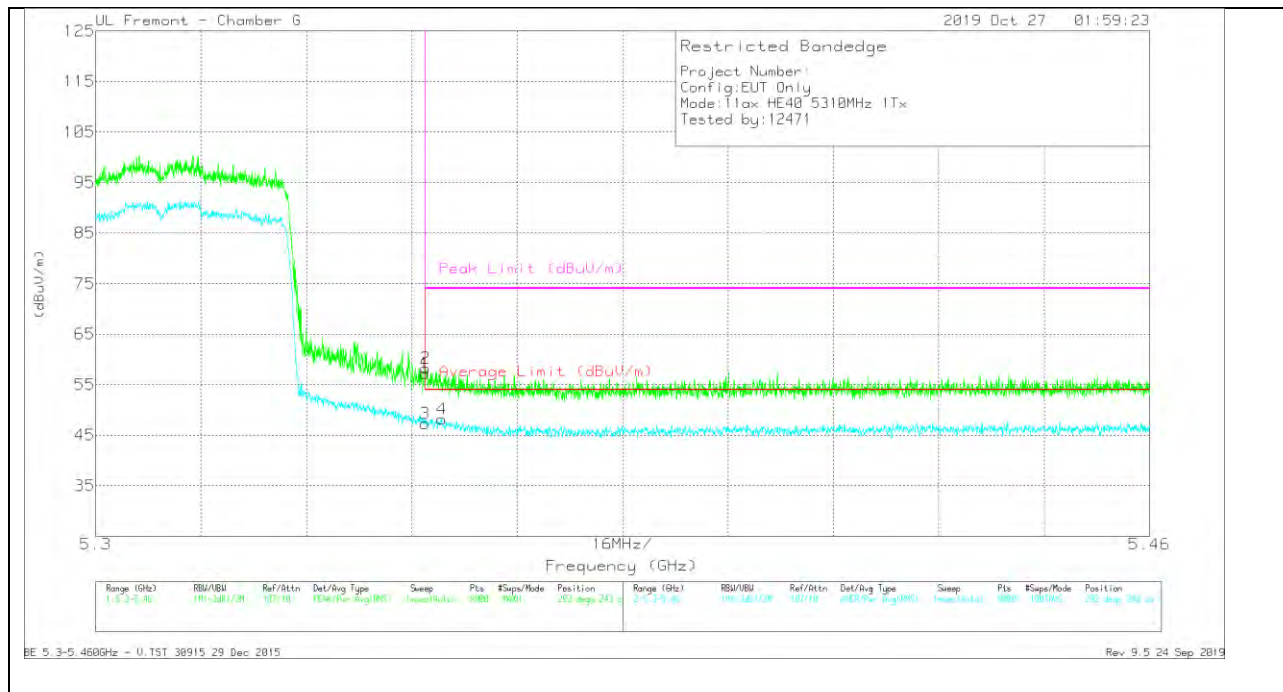
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.83                | Pk  | 34.6           | -20.2                  | 57.23                      | -                      | -           | 74                  | -16.77         | 292            | 243         | V        |
| 2      | * 5.35011       | 43.85                | Pk  | 34.6           | -20.2                  | 58.25                      | -                      | -           | 74                  | -15.75         | 292            | 243         | V        |
| 3      | * 5.35001       | 32.89                | RMS | 34.6           | -20.2                  | 47.29                      | 54                     | -6.71       | -                   | -              | 292            | 243         | V        |
| 4      | * 5.35253       | 33.9                 | RMS | 34.5           | -20.2                  | 48.2                       | 54                     | -5.8        | -                   | -              | 292            | 243         | V        |

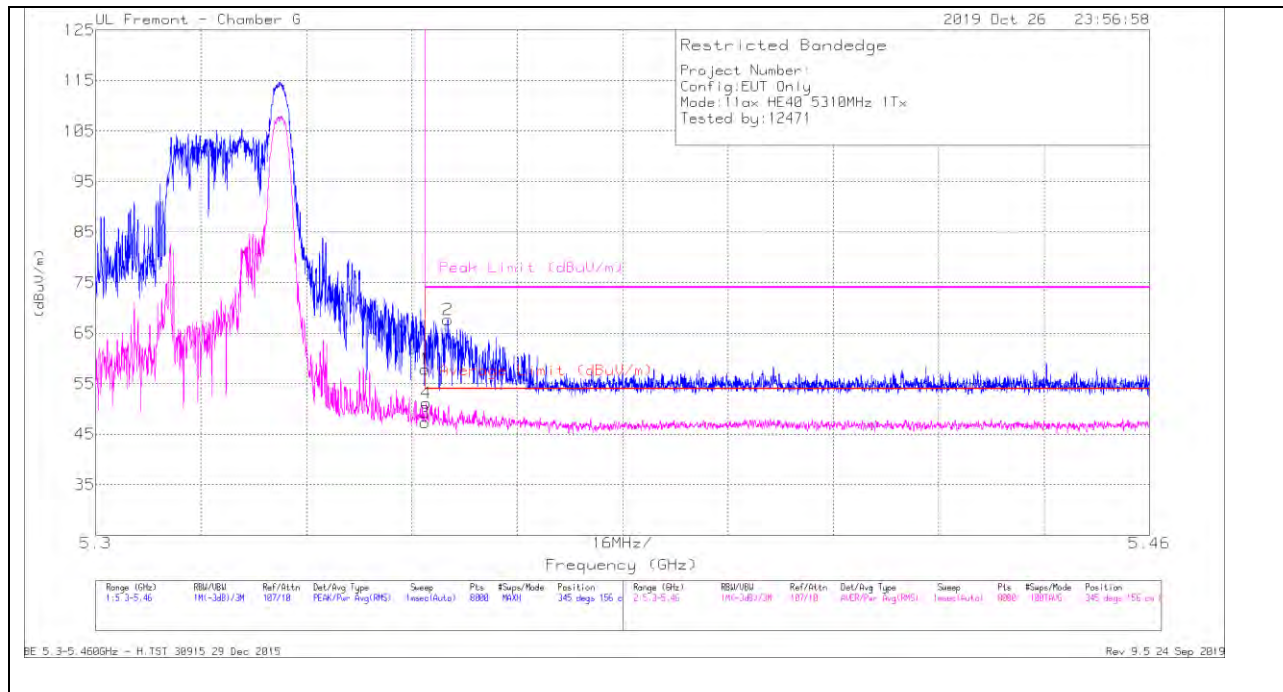
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 43.45                | Pk  | 34.6           | -20.2                 | 57.85                      | -                      | -           | 74                  | -16.15         | 345            | 156         | H        |
| 2      | * 5.35347       | 53.42                | Pk  | 34.5           | -20.2                 | 67.72                      | -                      | -           | 74                  | -6.28          | 345            | 156         | H        |
| 3      | * 5.35001       | 32.97                | RMS | 34.6           | -20.2                 | 47.37                      | 54                     | -6.63       | -                   | -              | 345            | 156         | H        |
| 4      | * 5.35021       | 36.73                | RMS | 34.6           | -20.2                 | 51.13                      | 54                     | -2.87       | -                   | -              | 345            | 156         | H        |

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

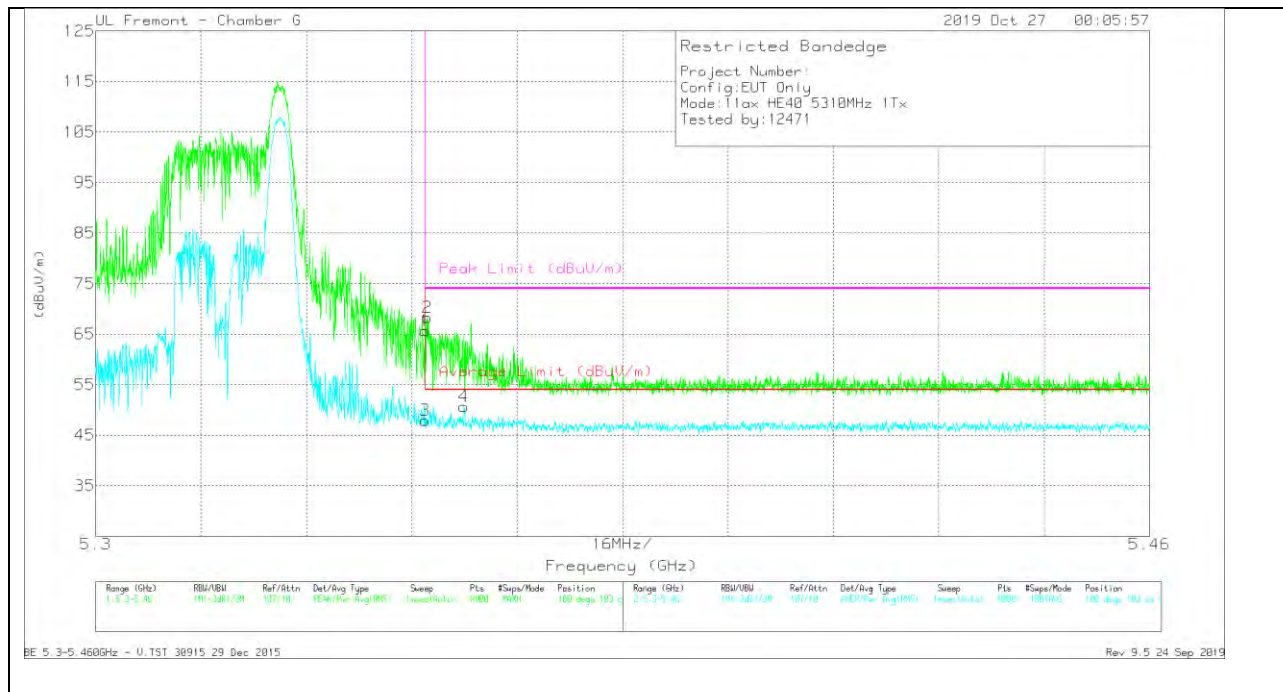
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

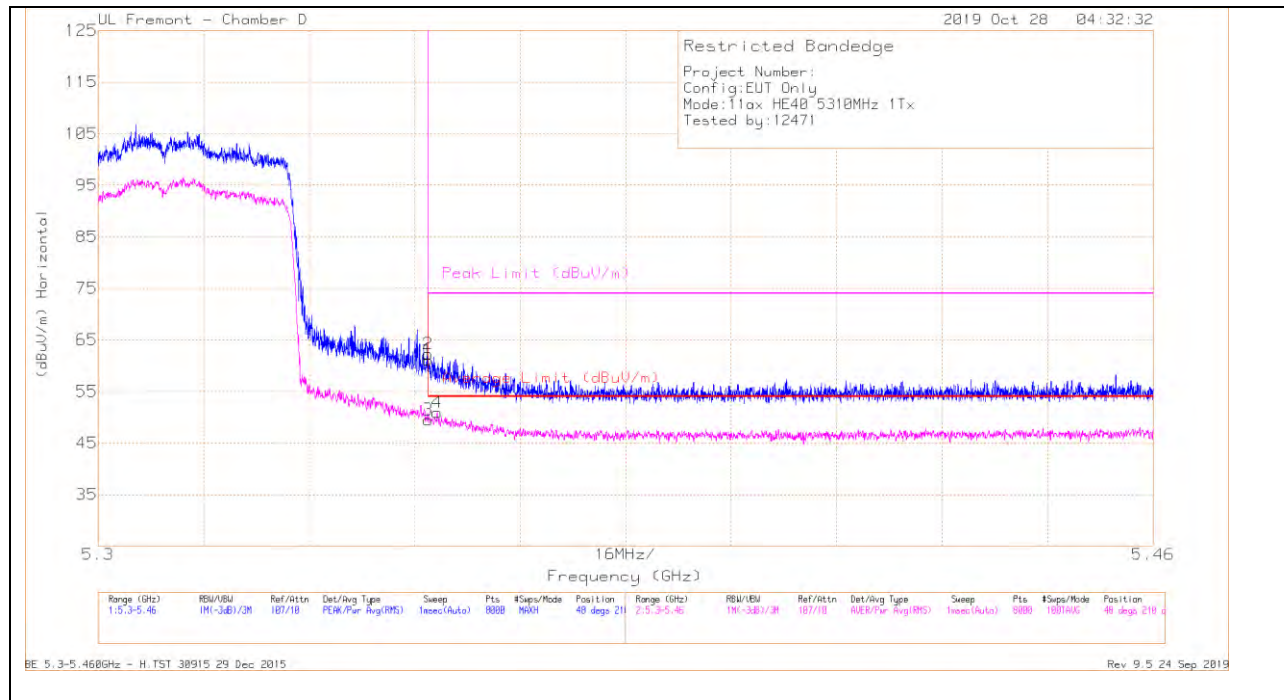
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T136 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 51.25                | Pk  | 34.6           | -20.2                  | 65.65                      | -                      | -           | 74                  | -8.35          | 100            | 103         | V        |
| 2      | * 5.35041       | 53.86                | Pk  | 34.6           | -20.2                  | 68.26                      | -                      | -           | 74                  | -5.74          | 100            | 103         | V        |
| 3      | * 5.35001       | 33.56                | RMS | 34.6           | -20.2                  | 47.96                      | 54                     | -6.04       | -                   | -              | 100            | 103         | V        |
| 4      | * 5.35593       | 36.4                 | RMS | 34.5           | -20.2                  | 50.7                       | 54                     | -3.3        | -                   | -              | 100            | 103         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

**1TX UAT2 – 484 Tones, RU Index 65****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (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      | * 5.35001       | 45.22                | Pk  | 34.3           | -18.4                  | 61.12                      | -                      | -           | 74                  | -12.88         | 48             | 210         | H        |
| 3      | * 5.35001       | 33.59                | RMS | 34.3           | -18.4                  | 49.49                      | 54                     | -4.51       | -                   | -              | 48             | 210         | H        |
| 2      | * 5.35005       | 46.36                | Pk  | 34.3           | -18.4                  | 62.26                      | -                      | -           | 74                  | -11.74         | 48             | 210         | H        |
| 4      | * 5.35143       | 35.03                | RMS | 34.3           | -18.4                  | 50.93                      | 54                     | -3.07       | -                   | -              | 48             | 210         | H        |

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

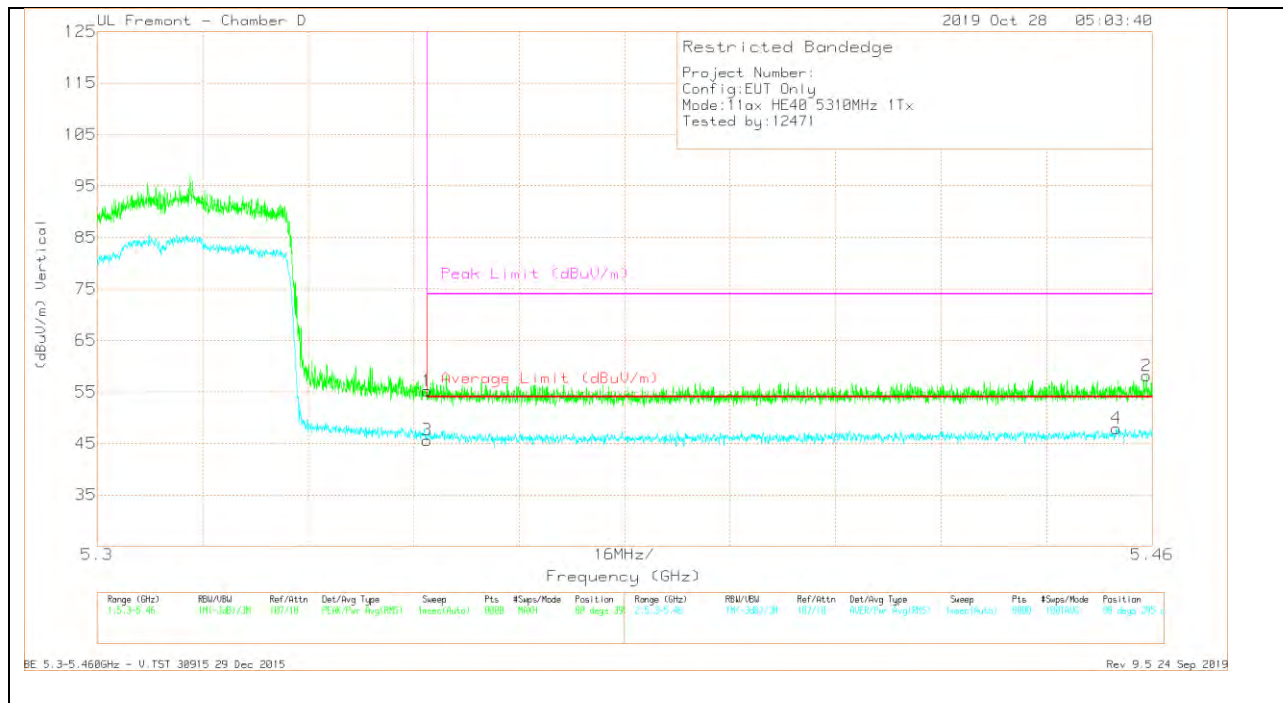
PK - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

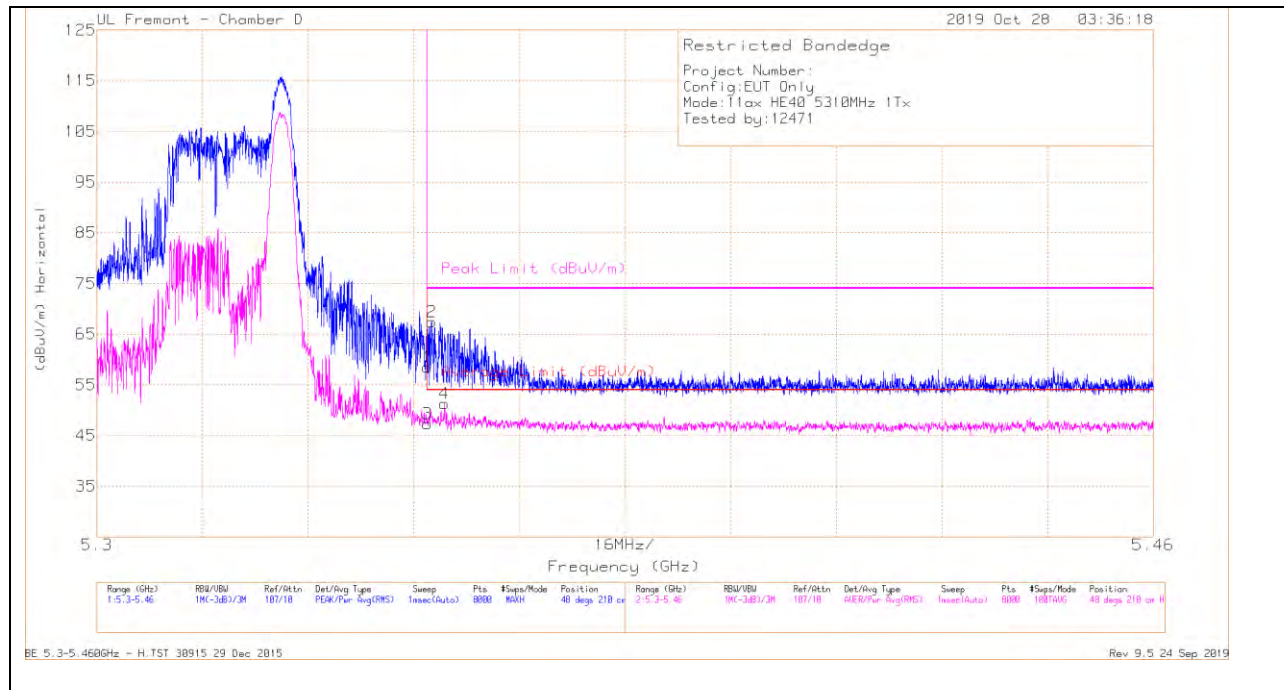
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (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      | * 5.35001       | 39.28                | Pk  | 34.3           | -18.4                  | 55.18                      | -                      | -           | 74                  | -18.82         | 88             | 395         | V        |
| 3      | * 5.35001       | 29.72                | RMS | 34.3           | -18.4                  | 45.62                      | 54                     | -8.38       | -                   | -              | 88             | 395         | V        |
| 4      | * 5.45452       | 31.63                | RMS | 34.4           | -18.1                  | 47.93                      | 54                     | -6.07       | -                   | -              | 88             | 395         | V        |
| 2      | * 5.4591        | 41.72                | Pk  | 34.4           | -18                    | 58.12                      | -                      | -           | 74                  | -15.88         | 88             | 395         | V        |

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

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.6                 | Pk  | 34.3           | -18.4                 | 58.5                       | -                      | -           | 74                  | -15.5          | 48             | 210         | H        |
| 3      | * 5.35001       | 31.44                | RMS | 34.3           | -18.4                 | 47.34                      | 54                     | -6.66       | -                   | -              | 48             | 210         | H        |
| 2      | * 5.35069       | 51.52                | Pk  | 34.3           | -18.4                 | 67.42                      | -                      | -           | 74                  | -6.58          | 48             | 210         | H        |
| 4      | * 5.35265       | 35.4                 | RMS | 34.3           | -18.4                 | 51.3                       | 54                     | -2.7        | -                   | -              | 48             | 210         | H        |

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

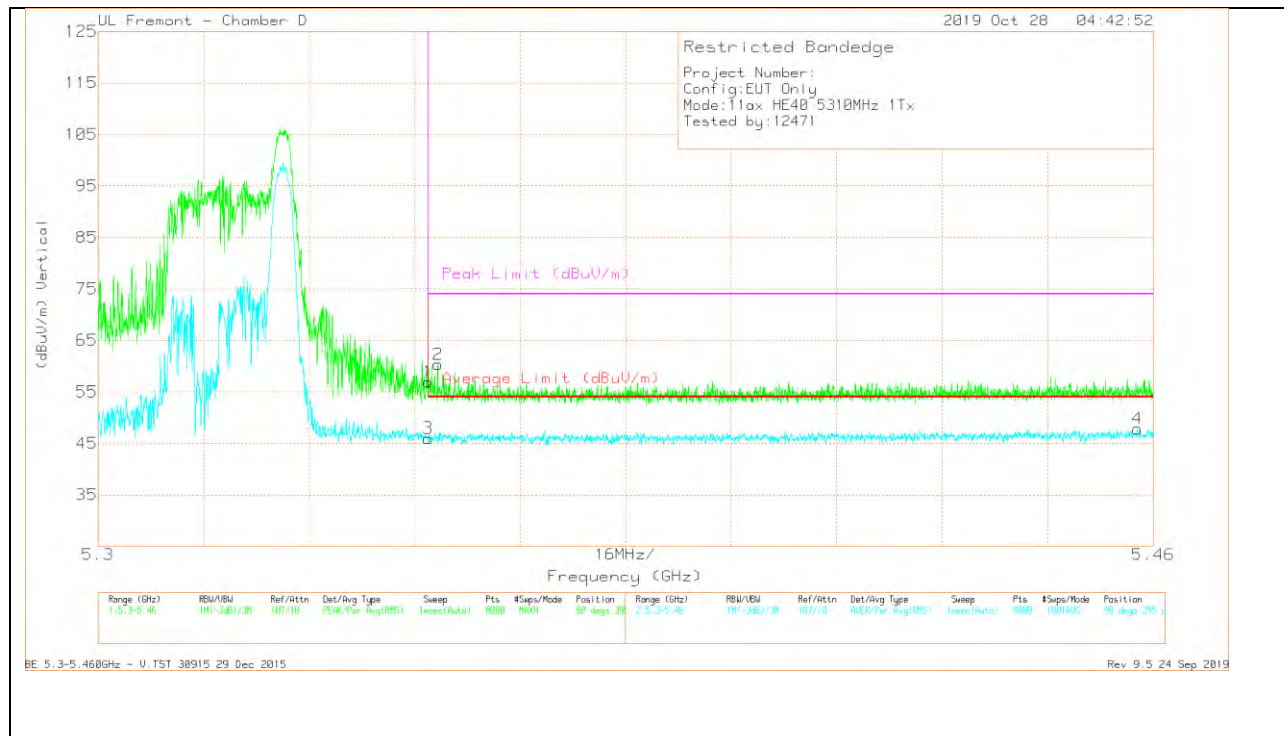
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (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      | * 5.35001       | 40.99                | Pk  | 34.3           | -18.4                  | 56.89                      | -                      | -           | 74                  | -17.11         | 88             | 395         | V        |
| 3      | * 5.35001       | 30.06                | RMS | 34.3           | -18.4                  | 45.96                      | 54                     | -8.04       | -                   | -              | 88             | 395         | V        |
| 2      | * 5.35153       | 44.45                | Pk  | 34.3           | -18.4                  | 60.35                      | -                      | -           | 74                  | -13.65         | 88             | 395         | V        |
| 4      | * 5.4576        | 31.53                | RMS | 34.4           | -18.1                  | 47.83                      | 54                     | -6.17       | -                   | -              | 88             | 395         | V        |

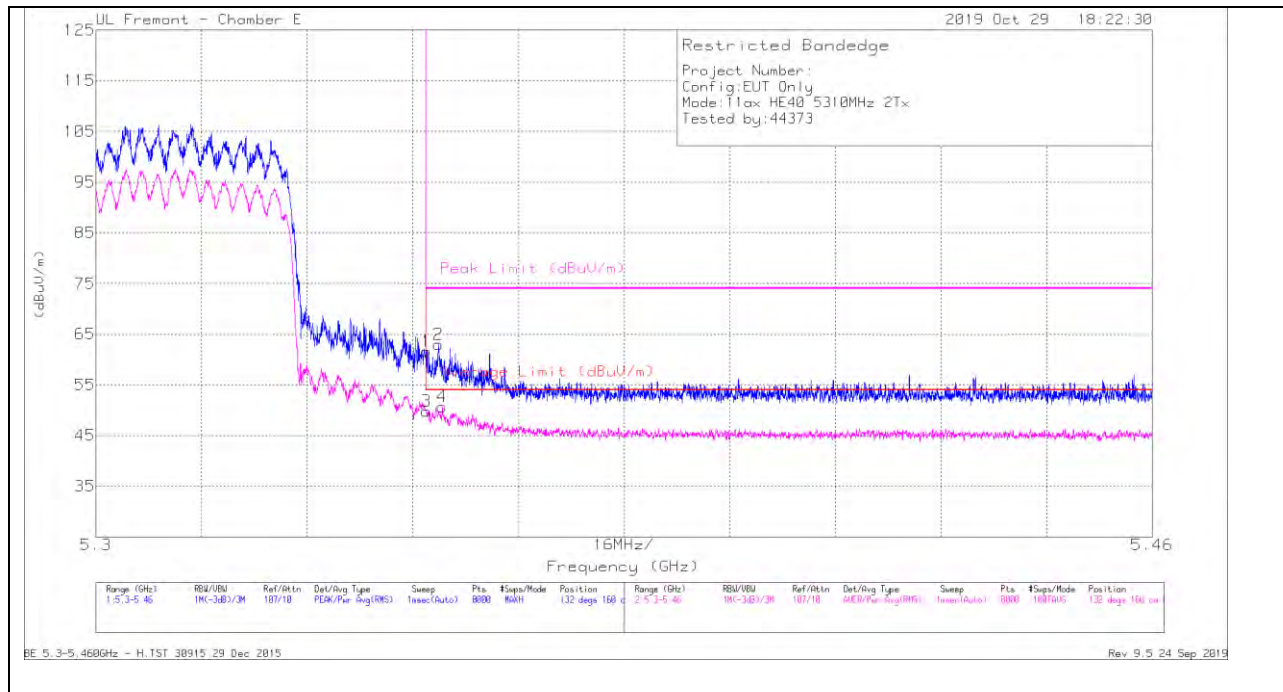
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 48.53                | Pk  | 34.5           | -21.4                 | 61.63                      | -                      | -           | 74                  | -12.37         | 132            | 160         | H        |
| 2      | * 5.35189       | 49.91                | Pk  | 34.5           | -21.4                 | 63.01                      | -                      | -           | 74                  | -10.99         | 132            | 160         | H        |
| 3      | * 5.35001       | 36.71                | RMS | 34.5           | -21.4                 | 49.81                      | 54                     | -4.19       | -                   | -              | 132            | 160         | H        |
| 4      | * 5.35245       | 37.53                | RMS | 34.5           | -21.4                 | 50.63                      | 54                     | -3.37       | -                   | -              | 132            | 160         | H        |

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

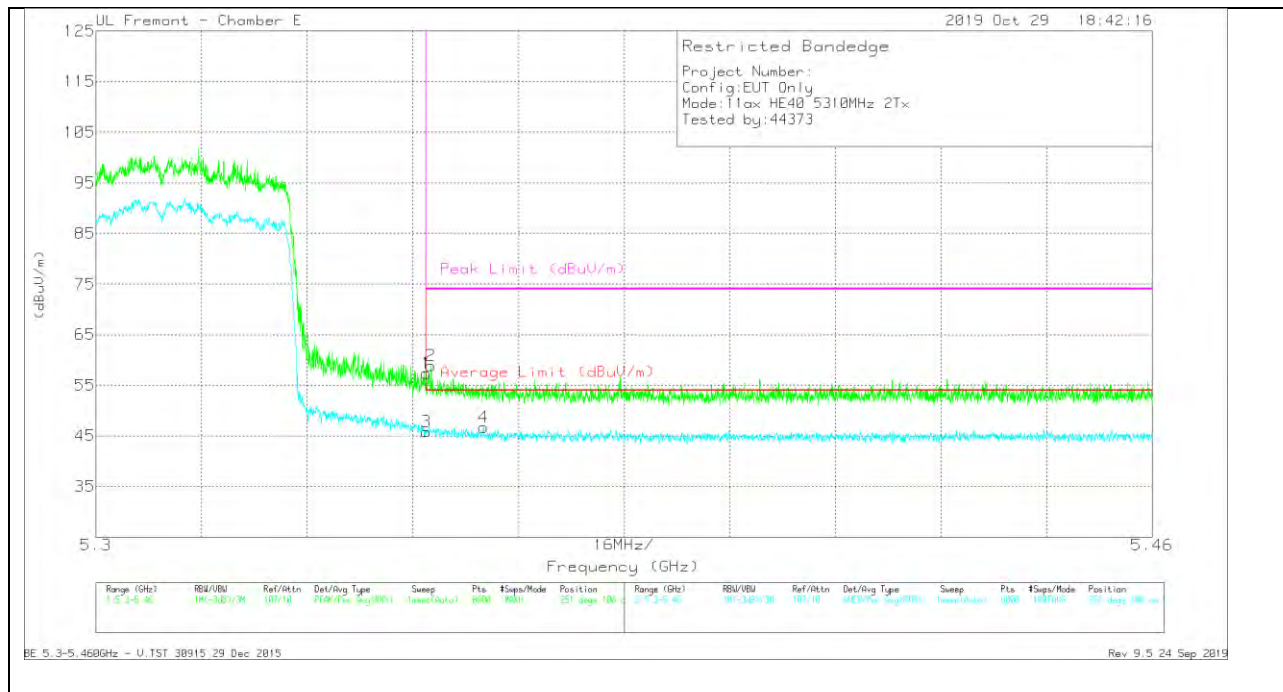
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.25                | PK  | 34.5           | -21.4                 | 57.35                      | -                      | -           | 74                  | -16.65         | 251            | 100         | V        |
| 2      | * 5.35075       | 45.79                | PK  | 34.5           | -21.4                 | 58.89                      | -                      | -           | 74                  | -15.11         | 251            | 100         | V        |
| 3      | * 5.35001       | 32.72                | RMS | 34.5           | -21.4                 | 45.82                      | 54                     | -8.18       | -                   | -              | 251            | 100         | V        |
| 4      | * 5.35867       | 33.62                | RMS | 34.5           | -21.4                 | 46.72                      | 54                     | -7.28       | -                   | -              | 251            | 100         | V        |

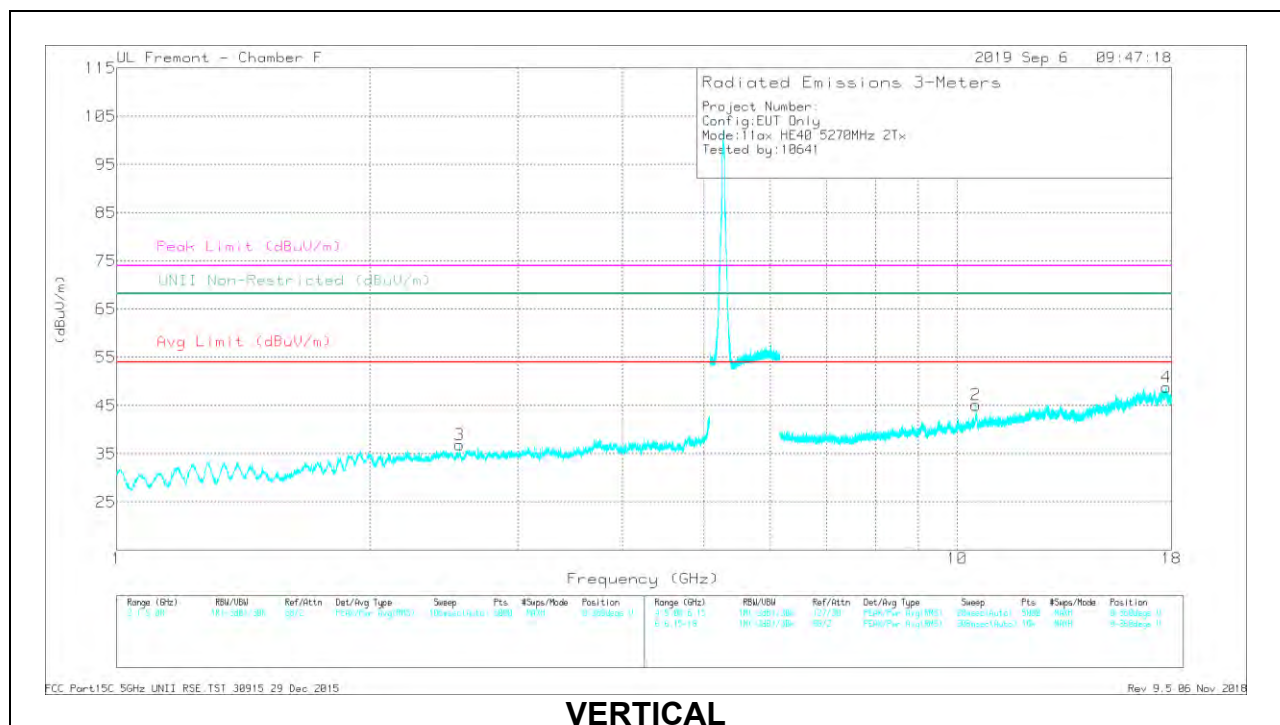
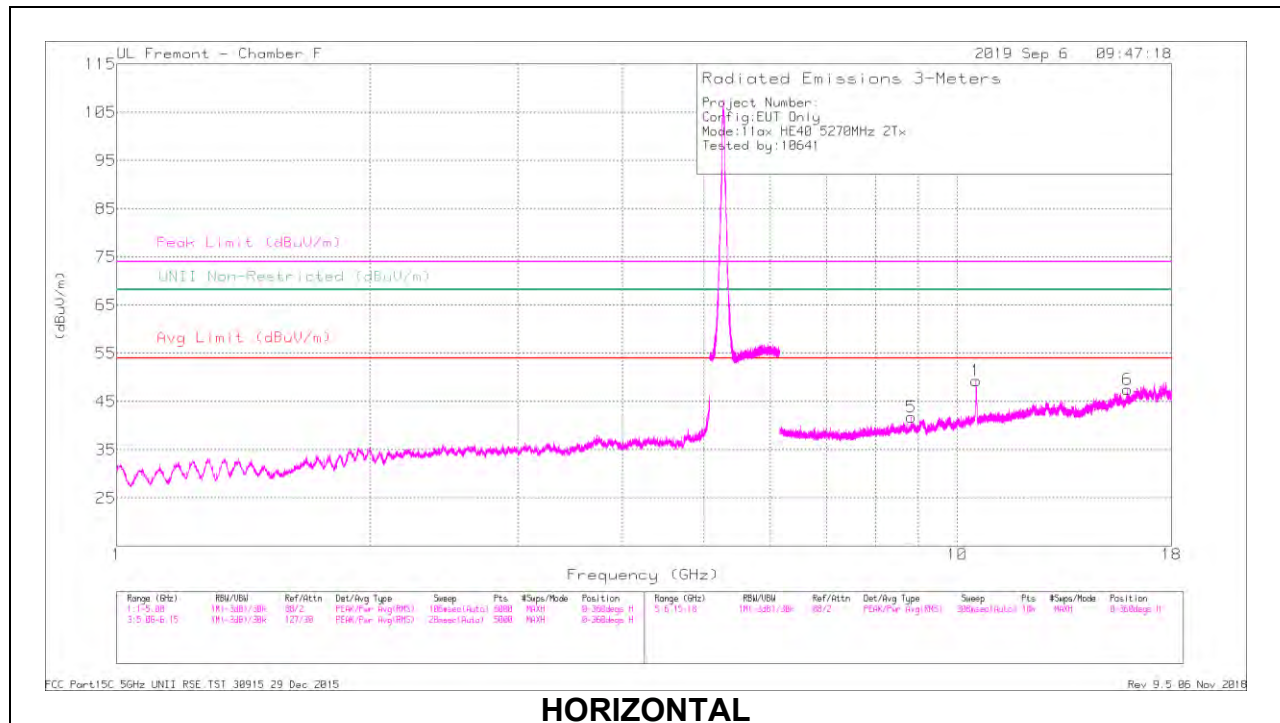
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

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

## RADIATED EMISSIONS

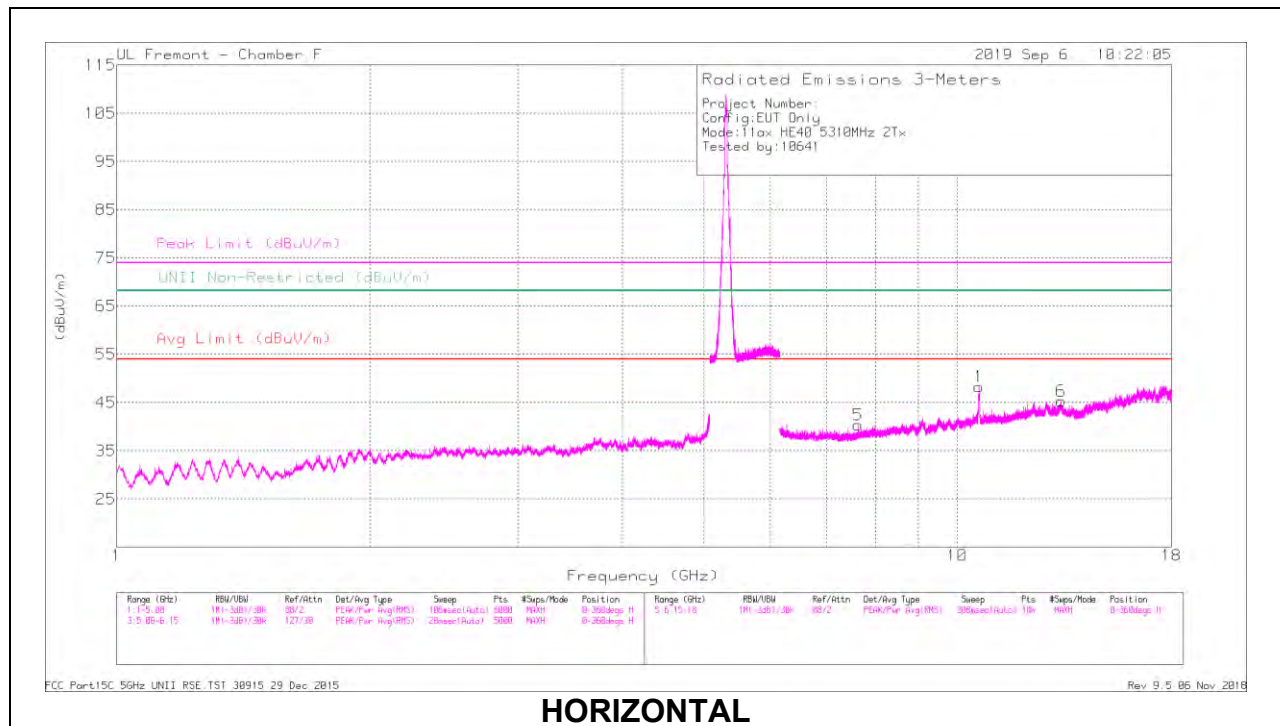
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 3      | 2.556           | 56.75                | PK-U | 32.3           | -45.8                   | 43.25                      | -                  | -           | -                   | -              | 68.2                         | -24.95         | 158            | 129         | V        |
| 1      | 10.538          | 54.9                 | PK-U | 37.8           | -38.2                   | 54.5                       | -                  | -           | -                   | -              | 68.2                         | -13.7          | 253            | 127         | H        |
| 5      | 8.82            | 50.72                | PK-U | 36.1           | -39.3                   | 47.52                      | -                  | -           | -                   | -              | 68.2                         | -20.68         | 126            | 142         | H        |
| 6      | * 15.952        | 50.31                | PK-U | 40.6           | -37.1                   | 53.81                      | -                  | -           | 74                  | -20.19         | -                            | -              | 101            | 163         | H        |
|        | * 15.951        | 39.21                | ADR  | 40.6           | -37.2                   | 42.61                      | 54                 | -11.39      | -                   | -              | -                            | -              | 101            | 163         | H        |
| 2      | 10.531          | 51.89                | PK-U | 37.8           | -38.3                   | 51.39                      | -                  | -           | -                   | -              | 68.2                         | -16.81         | 41             | 100         | V        |
| 4      | * 17.741        | 50.69                | PK-U | 41.6           | -36.7                   | 55.59                      | -                  | -           | 74                  | -18.41         | -                            | -              | 122            | 181         | V        |
|        | * 17.743        | 39.78                | ADR  | 41.5           | -36.7                   | 44.58                      | 54                 | -9.42       | -                   | -              | -                            | -              | 122            | 181         | V        |

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

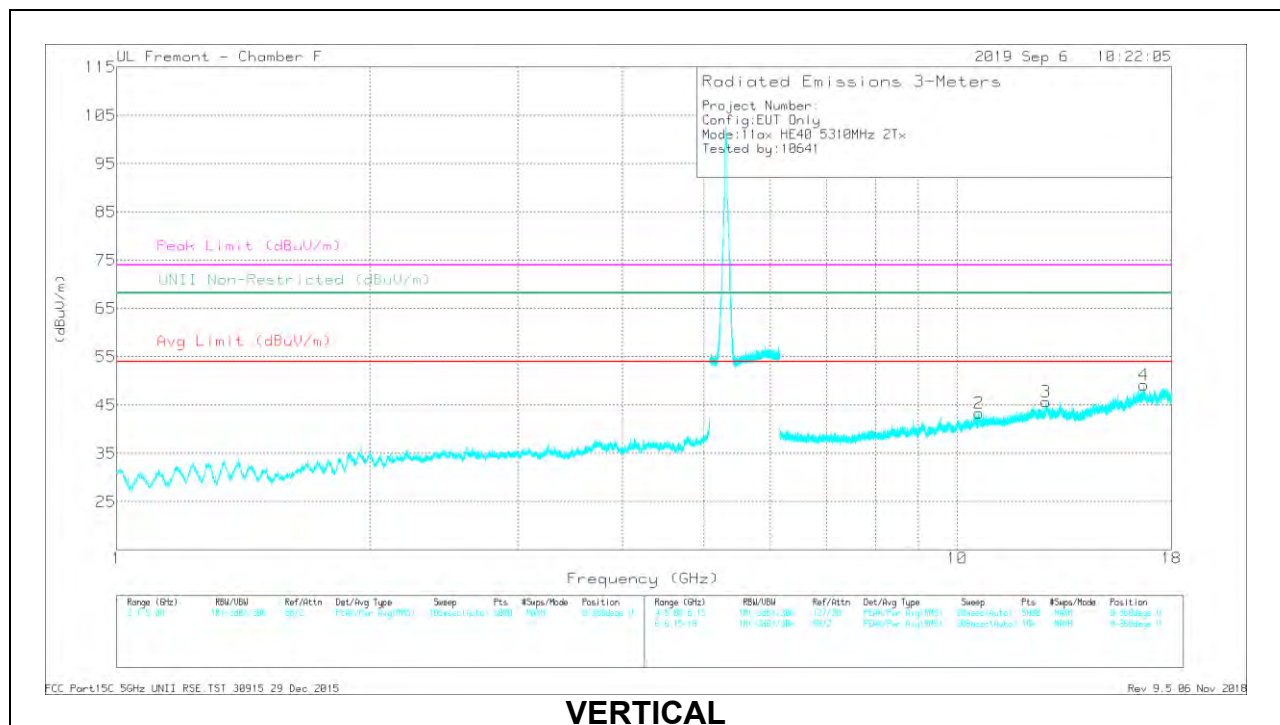
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

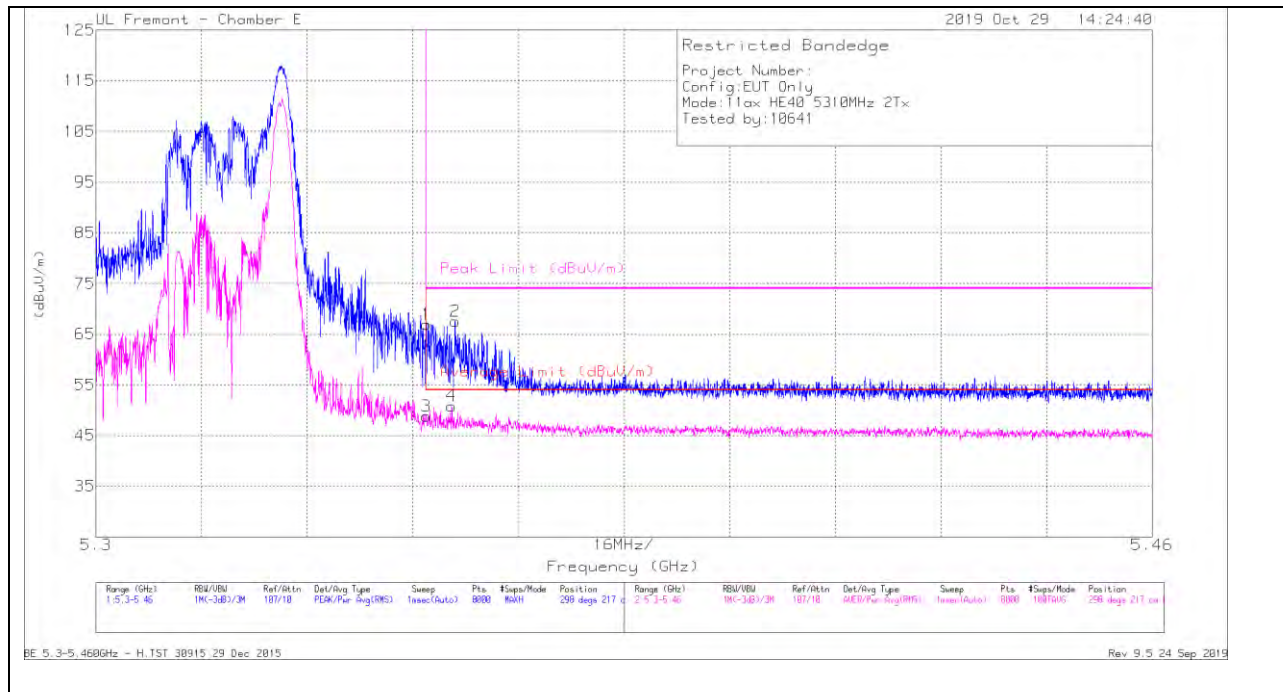
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 10.623        | 56.27                | PK-U | 37.9           | -39.3                | 54.87                      | -                  | -           | 74                  | -19.13         | -                            | -              | 324            | 114         | H        |
|        | * 10.623        | 45.25                | ADR  | 37.9           | -39.3                | 43.85                      | 54                 | -10.15      | -                   | -              | -                            | -              | 324            | 114         | H        |
| 5      | * 7.626         | 50.59                | PK-U | 35.8           | -40.3                | 46.09                      | -                  | -           | 74                  | -27.91         | -                            | -              | 194            | 132         | H        |
|        | * 7.626         | 39.53                | ADR  | 35.8           | -40.2                | 35.13                      | 54                 | -18.87      | -                   | -              | -                            | -              | 194            | 132         | H        |
| 6      | * 13.299        | 50.06                | PK-U | 39.3           | -38                  | 51.36                      | -                  | -           | 74                  | -22.64         | -                            | -              | 236            | 154         | H        |
|        | * 13.299        | 39.14                | ADR  | 39.3           | -38                  | 40.44                      | 54                 | -13.56      | -                   | -              | -                            | -              | 236            | 154         | H        |
| 2      | * 10.622        | 52.54                | PK-U | 37.9           | -39.3                | 51.14                      | -                  | -           | 74                  | -22.86         | -                            | -              | 235            | 115         | V        |
|        | * 10.622        | 40.04                | ADR  | 37.9           | -39.3                | 38.64                      | 54                 | -15.36      | -                   | -              | -                            | -              | 235            | 115         | V        |
| 3      | 12.766          | 49.62                | PK-U | 39.3           | -37.9                | 51.02                      | -                  | -           | -                   | -              | 68.2                         | -17.18         | 126            | 168         | V        |
| 4      | 16.679          | 49.83                | PK-U | 41.9           | -36.8                | 54.93                      | -                  | -           | -                   | -              | 68.2                         | -13.27         | 244            | 203         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 53.87                | Pk  | 34.5           | -21.4                 | 66.97                      | -                      | -           | 74                  | -7.03          | 298            | 217         | H        |
| 2      | * 5.35439       | 54.49                | Pk  | 34.5           | -21.4                 | 67.59                      | -                      | -           | 74                  | -6.41          | 298            | 217         | H        |
| 3      | * 5.35001       | 35.73                | RMS | 34.5           | -21.4                 | 48.83                      | 54                     | -5.17       | -                   | -              | 298            | 217         | H        |
| 4      | * 5.35389       | 37.75                | RMS | 34.5           | -21.4                 | 50.85                      | 54                     | -3.15       | -                   | -              | 298            | 217         | H        |

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

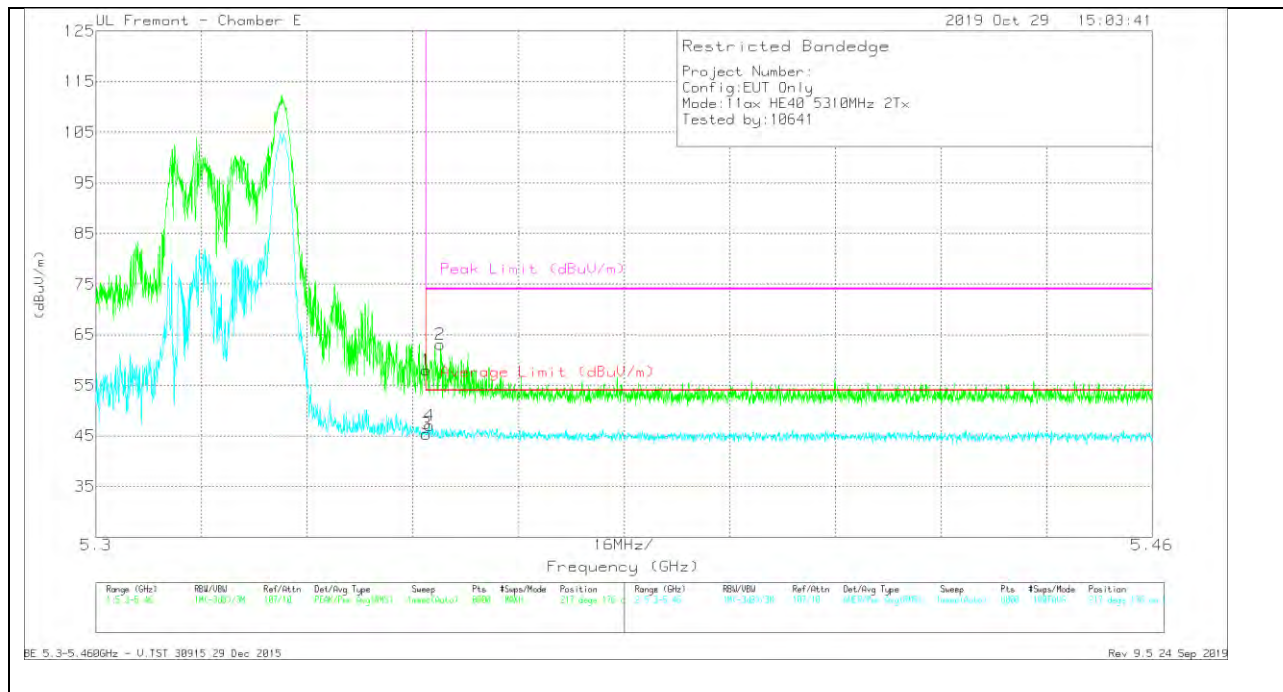
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 44.9                 | Pk  | 34.5           | -21.4                  | 58                         | -                      | -           | 74                  | -16            | 217            | 176         | V        |
| 2      | * 5.35217       | 50                   | Pk  | 34.5           | -21.4                  | 63.1                       | -                      | -           | 74                  | -10.9          | 217            | 176         | V        |
| 3      | * 5.35001       | 32.29                | RMS | 34.5           | -21.4                  | 45.39                      | 54                     | -8.61       | -                   | -              | 217            | 176         | V        |
| 4      | * 5.35049       | 33.92                | RMS | 34.5           | -21.4                  | 47.02                      | 54                     | -6.98       | -                   | -              | 217            | 176         | V        |

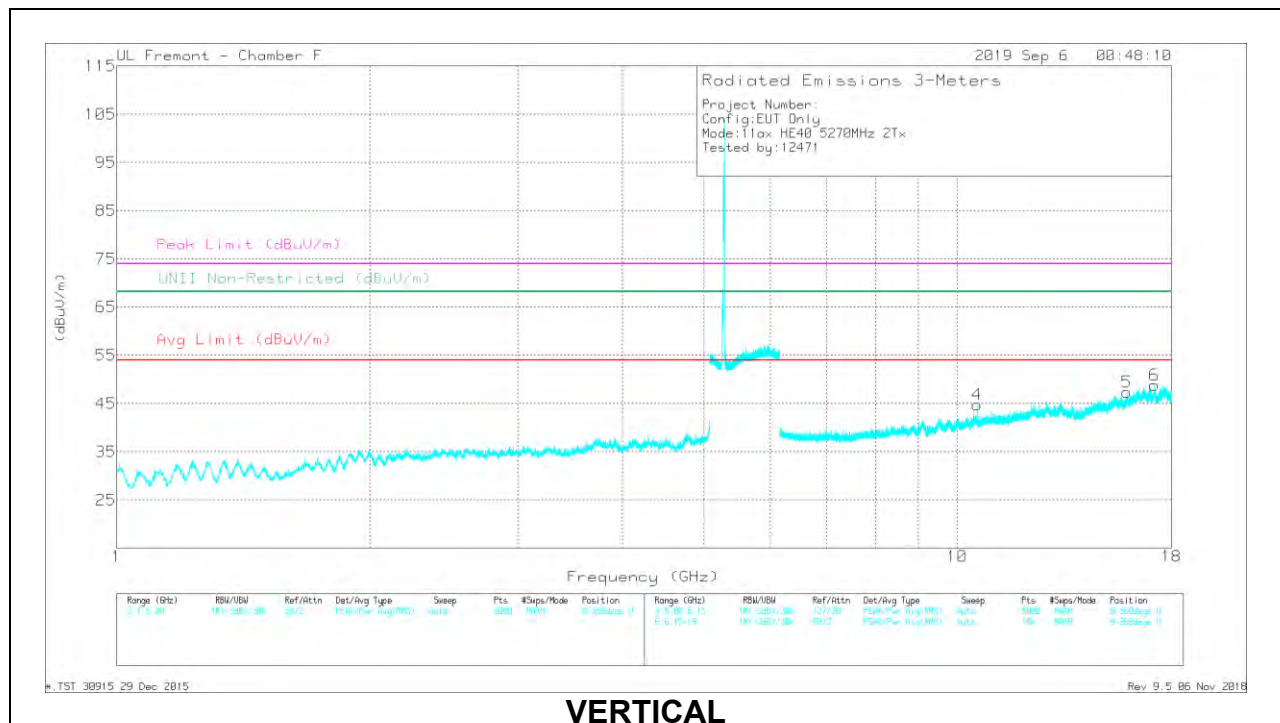
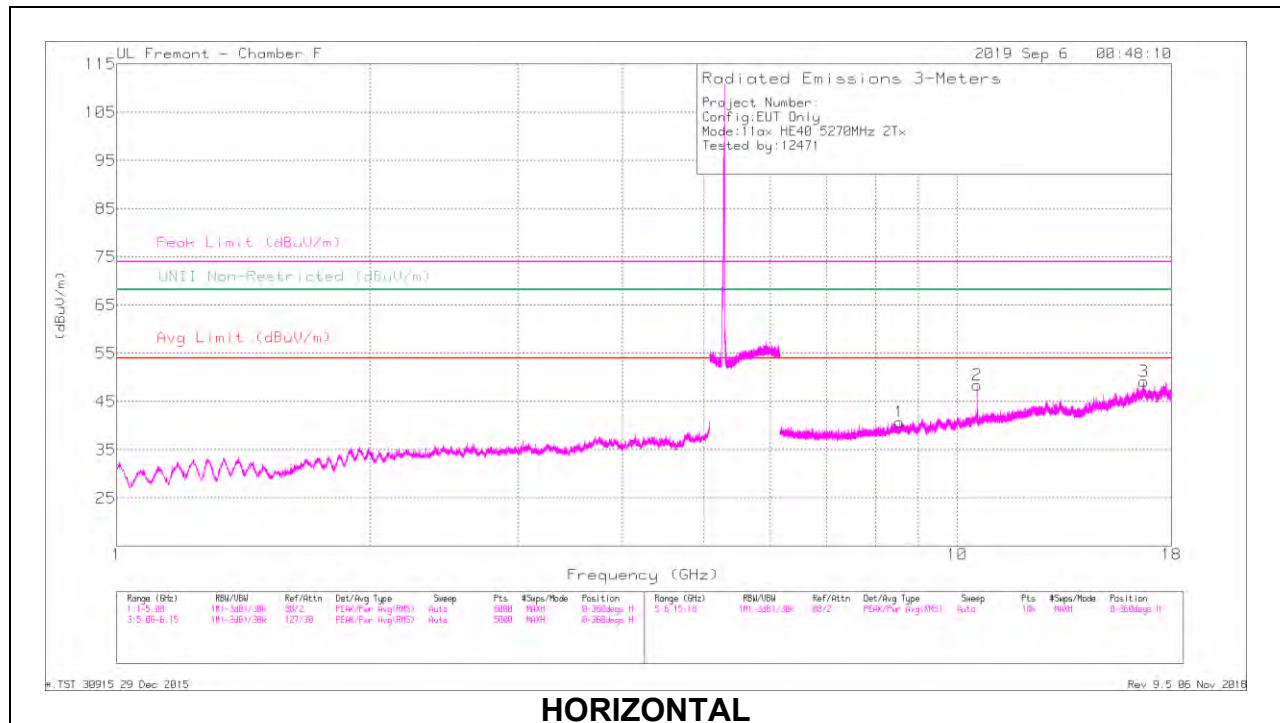
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

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

## RADIATED EMISSIONS

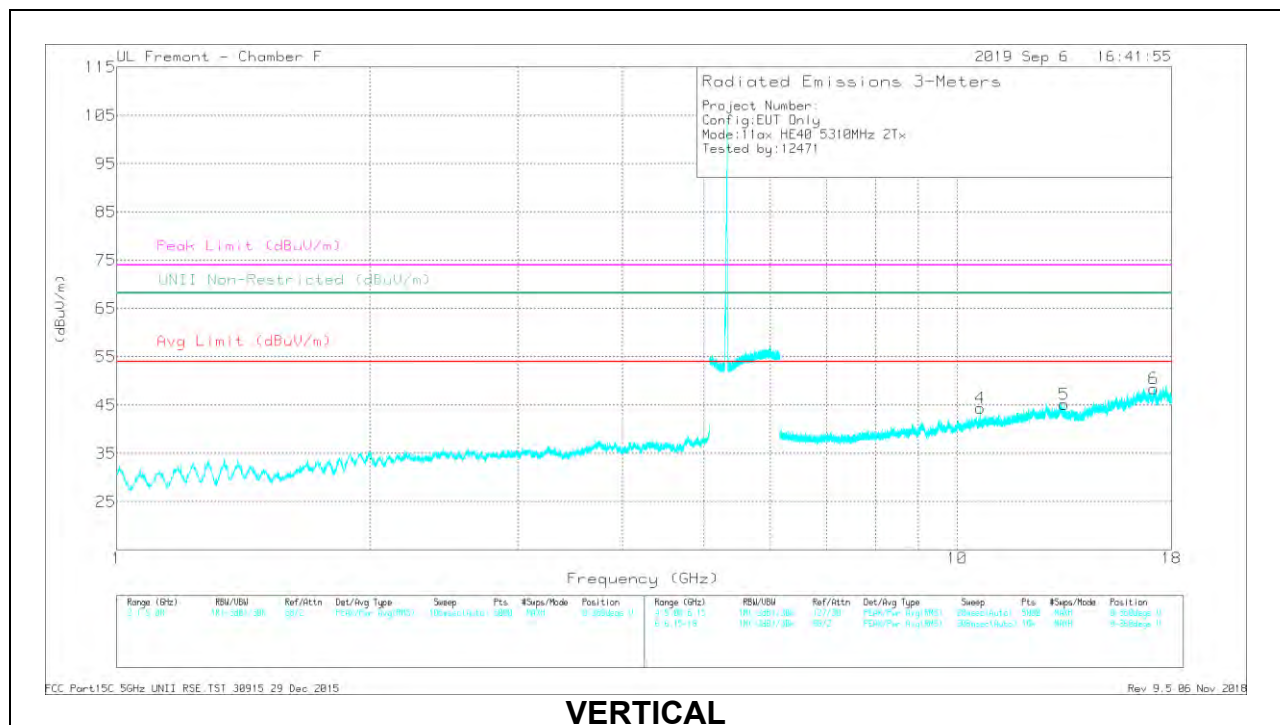
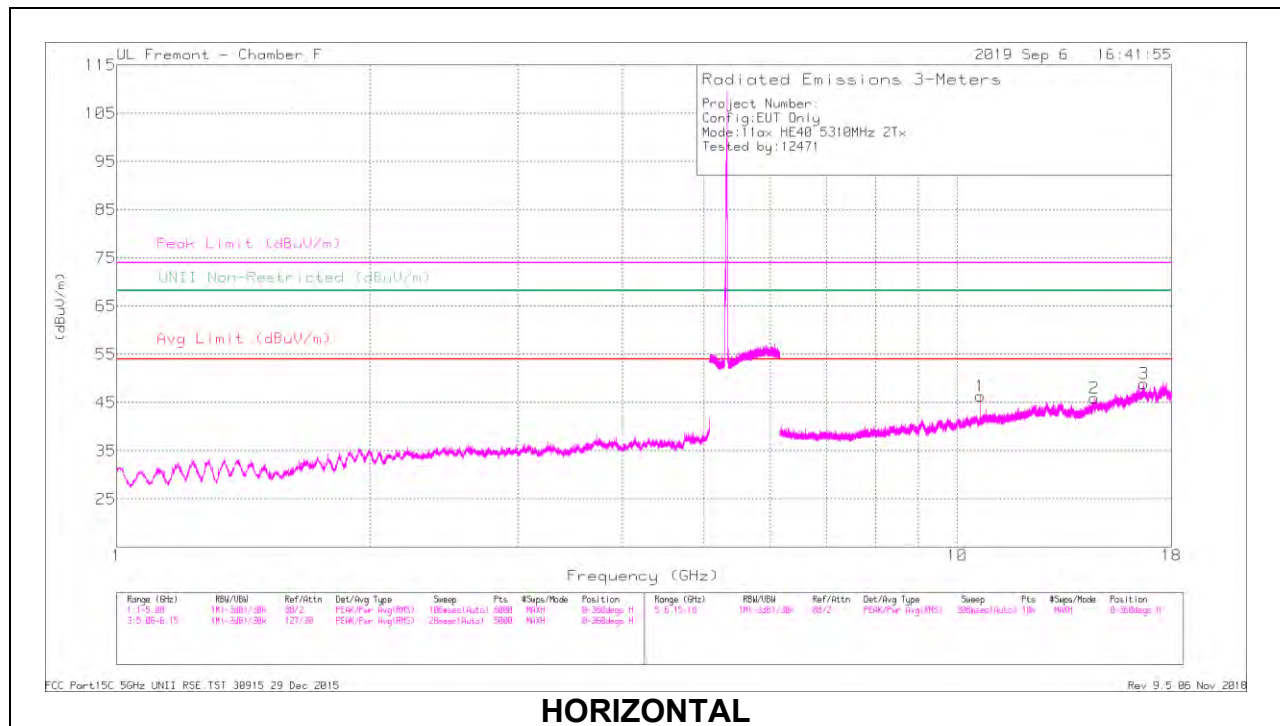
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 8.538           | 50.09                | PK-U | 35.9          | -39.4                 | 46.59                      | -                  | -           | -                   | -              | 68.2                         | -21.61         | 151            | 200         | H        |
| 2      | 10.575          | 60.03                | PK-U | 37.8          | -38.9                 | 58.93                      | -                  | -           | -                   | -              | 68.2                         | -9.27          | 0              | 103         | H        |
| 3      | 16.681          | 51.39                | PK-U | 41.9          | -36.8                 | 56.49                      | -                  | -           | -                   | -              | 68.2                         | -11.71         | 252            | 273         | H        |
| 4      | 10.575          | 55.63                | PK-U | 37.8          | -38.9                 | 54.53                      | -                  | -           | -                   | -              | 68.2                         | -13.67         | 314            | 113         | V        |
| 5      | * 15.94         | 50.3                 | PK-U | 40.6          | -37.1                 | 53.8                       | -                  | -           | 74                  | -20.2          | -                            | -              | 44             | 227         | V        |
|        | * 15.941        | 38.71                | ADR  | 40.6          | -37.1                 | 42.21                      | 54                 | -11.79      | -                   | -              | -                            | -              | 44             | 227         | V        |
| 6      | 17.182          | 51.09                | PK-U | 41.3          | -36.7                 | 55.69                      | -                  | -           | -                   | -              | 68.2                         | -12.51         | 94             | 358         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 10.656        | 56.82                | PK-U | 37.9          | -39.2                 | 55.52                      | -                  | -           | 74                  | -18.48         | -                            | -              | 358            | 146         | H        |
|        | * 10.656        | 44.04                | ADR  | 37.9          | -39.3                 | 42.64                      | 54                 | -11.36      | -                   | -              | -                            | -              | 358            | 146         | H        |
| 2      | 14.562          | 50.14                | PK-U | 39.6          | -37.9                 | 51.84                      | -                  | -           | -                   | -              | 68.2                         | -16.36         | 175            | 171         | H        |
| 3      | 16.682          | 50.2                 | PK-U | 41.8          | -36.8                 | 55.2                       | -                  | -           | -                   | -              | 68.2                         | -13            | 130            | 327         | H        |
| 4      | * 10.656        | 54.53                | PK-U | 37.9          | -39.2                 | 53.23                      | -                  | -           | 74                  | -20.77         | -                            | -              | 132            | 106         | V        |
|        | * 10.656        | 42.44                | ADR  | 37.9          | -39.3                 | 41.04                      | 54                 | -12.96      | -                   | -              | -                            | -              | 132            | 106         | V        |
| 5      | 13.41           | 50.31                | PK-U | 39.1          | -39                   | 50.41                      | -                  | -           | -                   | -              | 68.2                         | -17.79         | 53             | 116         | V        |
| 6      | 17.152          | 51.18                | PK-U | 41.3          | -37.6                 | 54.88                      | -                  | -           | -                   | -              | 68.2                         | -13.32         | 89             | 229         | V        |

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

PK-U - U-NII: Maximum Peak

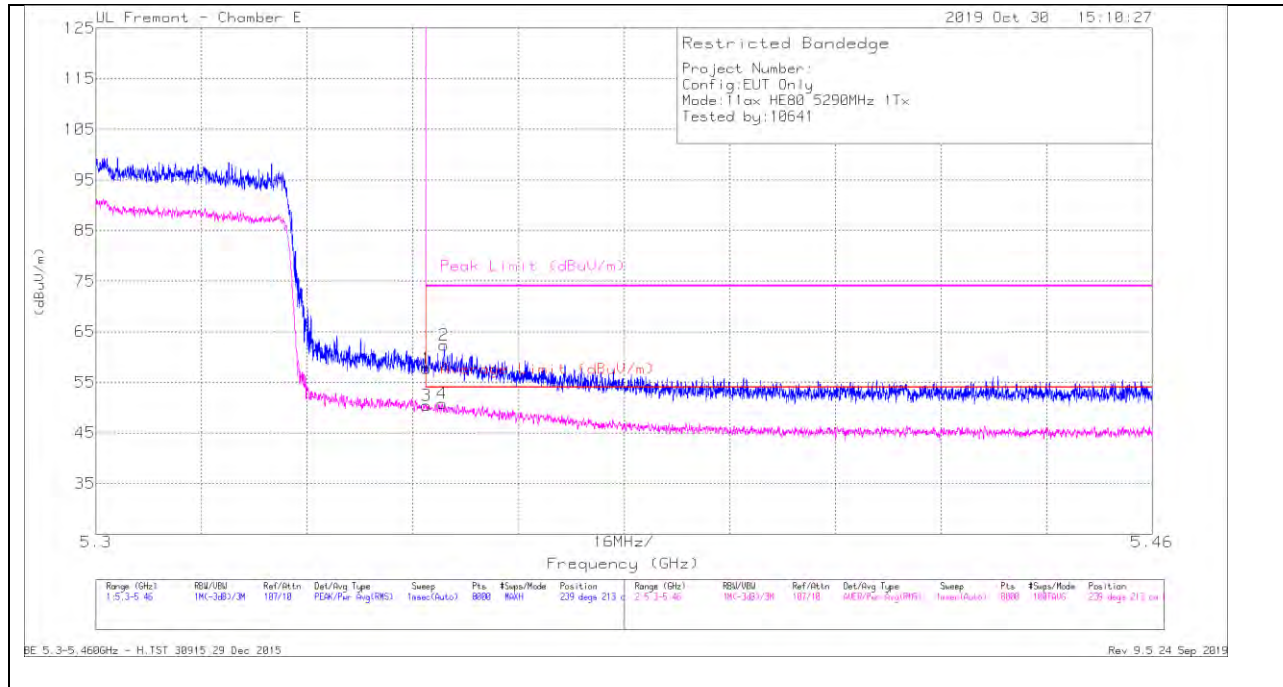
ADR - U-NII AD primary method, RMS average

## 1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3 GHz BAND

### 1TX LAT3 – 996 Tones, RU Index 67

### BANDEDGE (MID CHANNEL)

### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 44.64                | Pk  | 34.5           | -21.4                  | 57.74                      | -                      | -           | 74                  | -16.26         | 239            | 213         | H        |
| 2      | * 5.35273       | 49.26                | Pk  | 34.5           | -21.4                  | 62.36                      | -                      | -           | 74                  | -11.64         | 239            | 213         | H        |
| 3      | * 5.35001       | 37.29                | RMS | 34.5           | -21.4                  | 50.39                      | 54                     | -3.61       | -                   | -              | 239            | 213         | H        |
| 4      | * 5.35241       | 37.67                | RMS | 34.5           | -21.4                  | 50.77                      | 54                     | -3.23       | -                   | -              | 239            | 213         | H        |

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

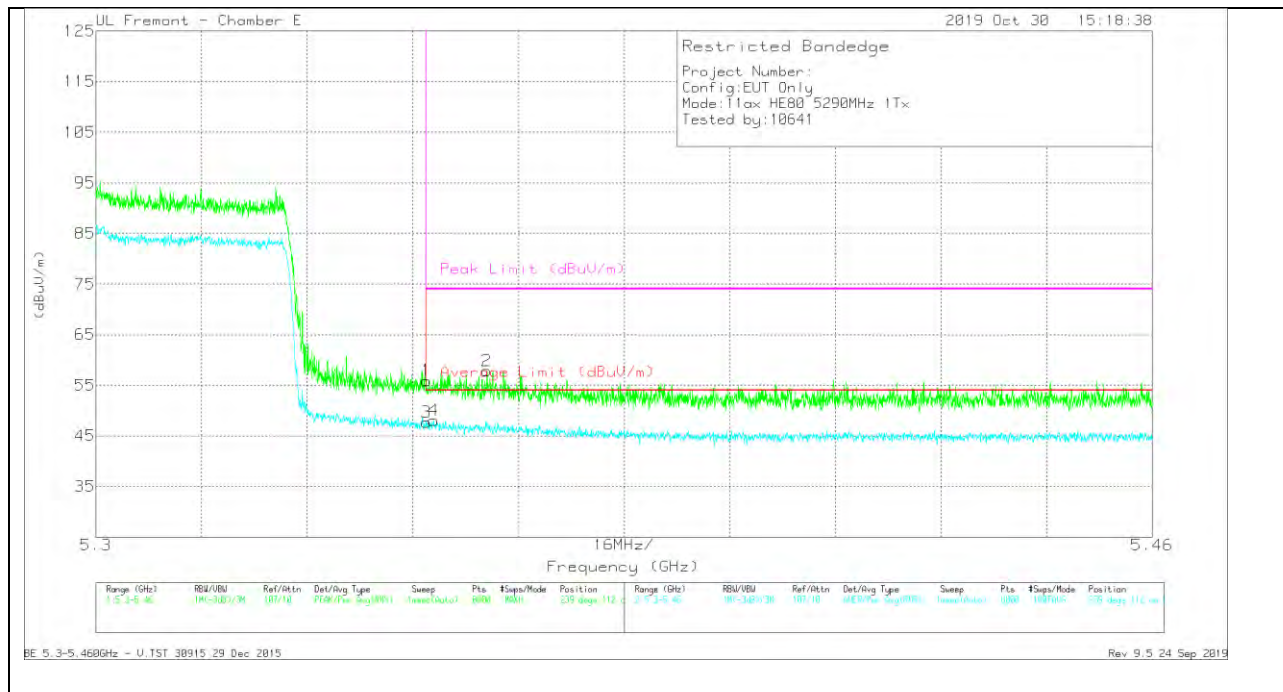
PK - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 42.84                | Pk  | 34.5          | -21.4                 | 55.94                      | -                      | -           | 74                  | -18.06         | 239            | 112         | V        |
| 2      | * 5.35923       | 44.82                | Pk  | 34.5          | -21.4                 | 57.92                      | -                      | -           | 74                  | -16.08         | 239            | 112         | V        |
| 3      | * 5.35001       | 34.55                | RMS | 34.5          | -21.4                 | 47.65                      | 54                     | -6.35       | -                   | -              | 239            | 112         | V        |
| 4      | * 5.35115       | 34.95                | RMS | 34.5          | -21.4                 | 48.05                      | 54                     | -5.95       | -                   | -              | 239            | 112         | V        |

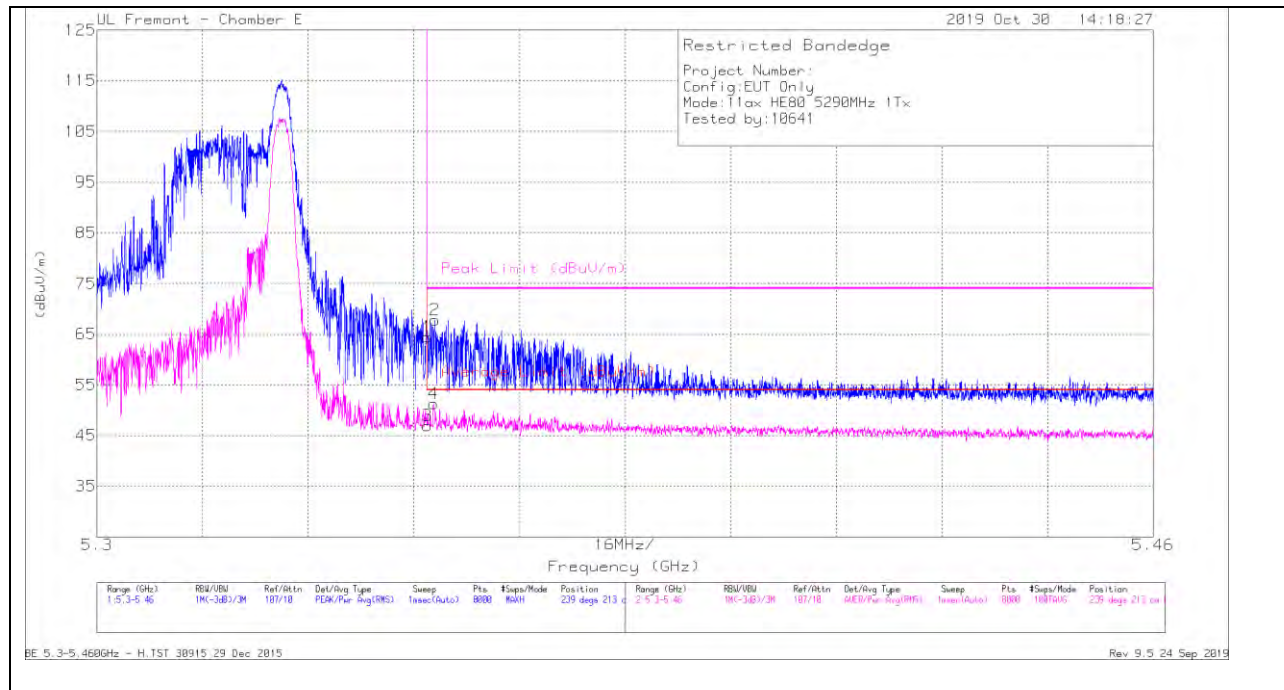
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

**1TX LAT3 – 26 Tones, RU Index 36****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 51.32                | Pk  | 34.5           | -21.4                 | 64.42                      | -                      | -           | 74                  | -9.58          | 239            | 213         | H        |
| 2      | * 5.35121       | 54.71                | Pk  | 34.5           | -21.4                 | 67.81                      | -                      | -           | 74                  | -6.19          | 239            | 213         | H        |
| 3      | * 5.35001       | 33.81                | RMS | 34.5           | -21.4                 | 46.91                      | 54                     | -7.09       | -                   | -              | 239            | 213         | H        |
| 4      | * 5.35097       | 38.17                | RMS | 34.5           | -21.4                 | 51.27                      | 54                     | -2.73       | -                   | -              | 239            | 213         | H        |

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

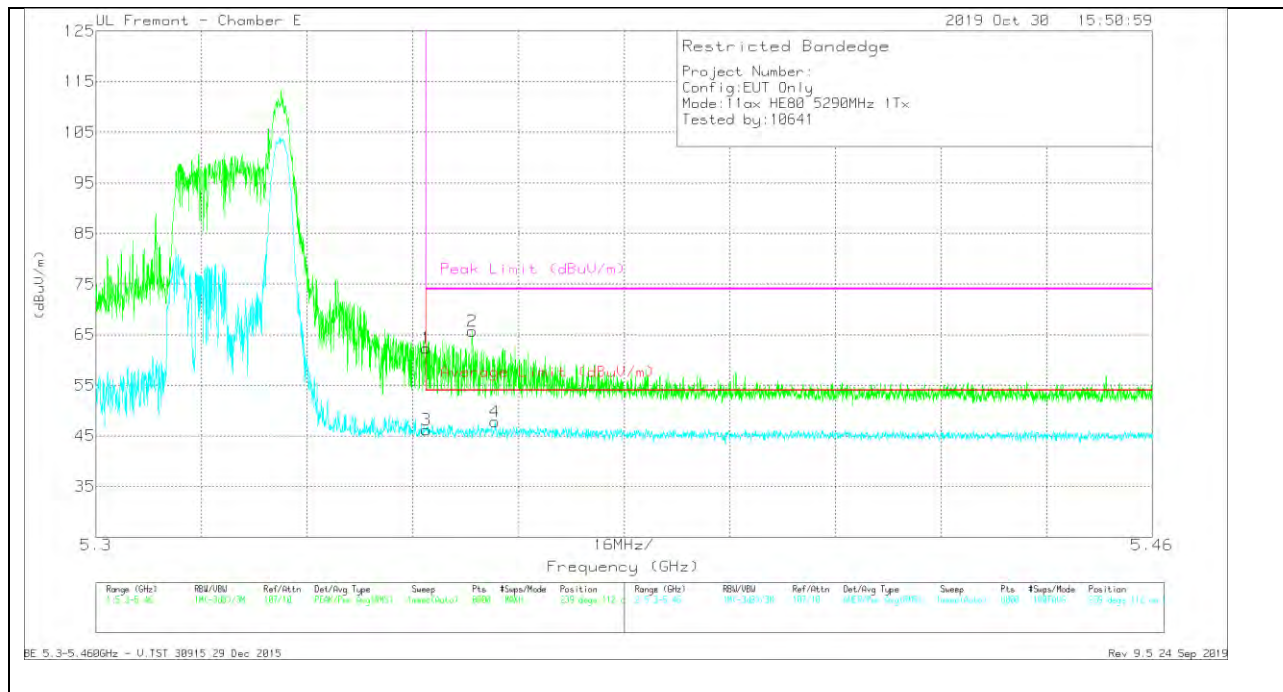
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 49.28                | Pk  | 34.5           | -21.4                  | 62.38                      | -                      | -           | 74                  | -11.62         | 239            | 112         | V        |
| 2      | * 5.35699       | 52.6                 | Pk  | 34.5           | -21.4                  | 65.7                       | -                      | -           | 74                  | -8.3           | 239            | 112         | V        |
| 3      | * 5.35001       | 33.12                | RMS | 34.5           | -21.4                  | 46.22                      | 54                     | -7.78       | -                   | -              | 239            | 112         | V        |
| 4      | * 5.36047       | 34.72                | RMS | 34.5           | -21.4                  | 47.82                      | 54                     | -6.18       | -                   | -              | 239            | 112         | V        |

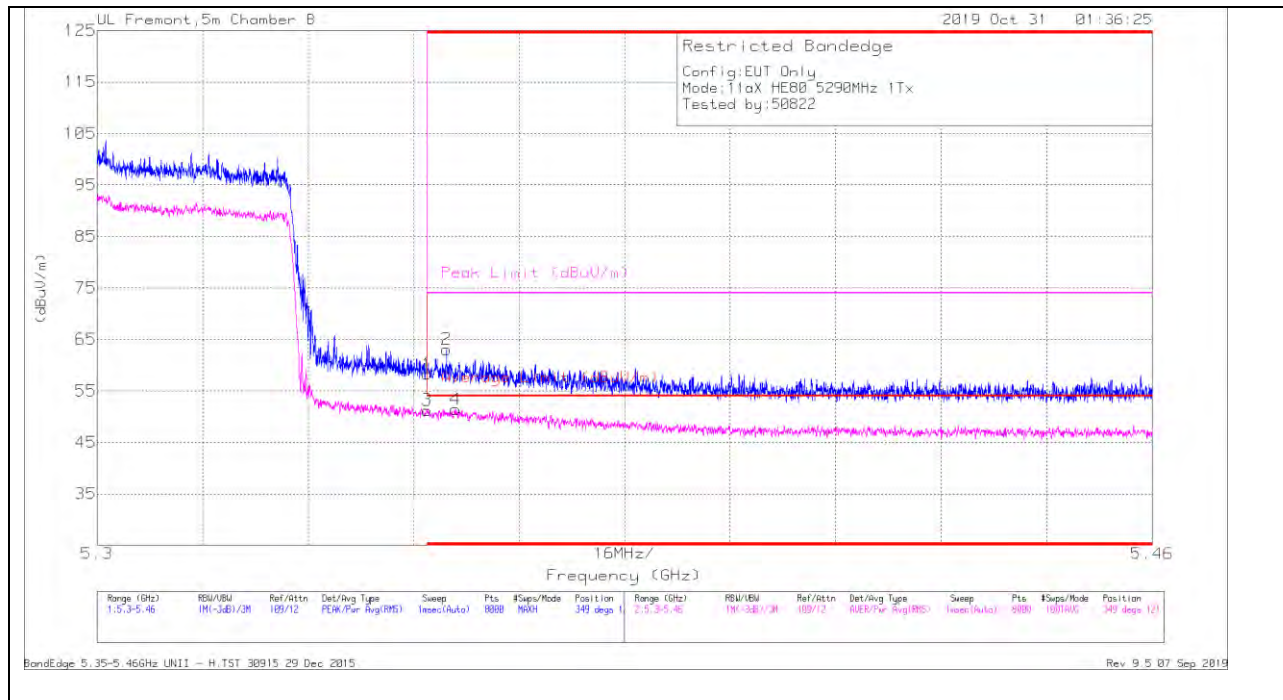
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0194893 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 40.14                | Pk  | 33.7                | -15.6                  | 58.24                      | -                      | -           | 74                  | -15.76         | 349            | 121         | H        |
| 2      | * 5.35299       | 44.98                | Pk  | 33.7                | -15.6                  | 63.08                      | -                      | -           | 74                  | -10.92         | 349            | 121         | H        |
| 3      | * 5.35001       | 33.13                | RMS | 33.7                | -15.6                  | 51.23                      | 54                     | -2.77       | -                   | -              | 349            | 121         | H        |
| 4      | * 5.35437       | 33.33                | RMS | 33.7                | -15.6                  | 51.43                      | 54                     | -2.57       | -                   | -              | 349            | 121         | H        |

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

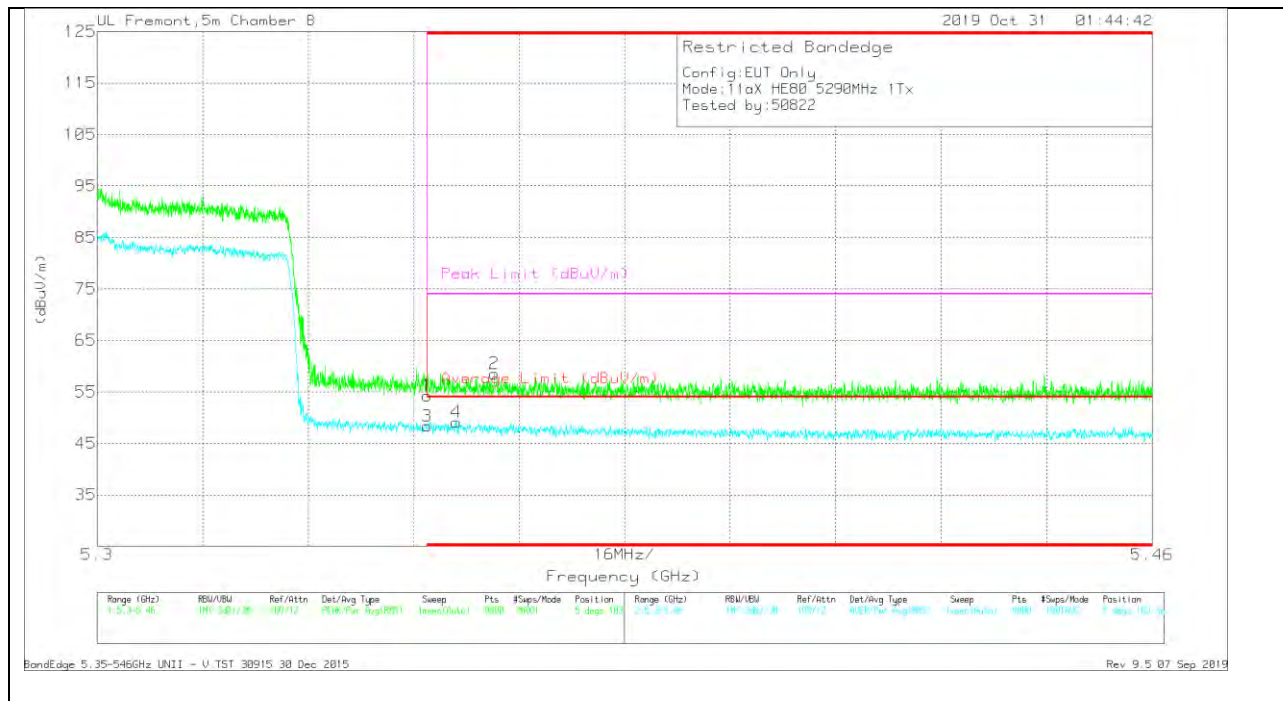
Pk - Peak detector

RMS - RMS detection

BandEdge 5.35-5.46GHz UNII - H.TST 30915 29 Dec 2015

Rev 9.5 07 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0194893 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 36.18                | Pk  | 33.7                | -15.6                  | 54.28                      | -                      | -           | 74                  | -19.72         | 5              | 103         | V        |
| 2      | * 5.36023       | 40.56                | Pk  | 33.6                | -15.6                  | 58.56                      | -                      | -           | 74                  | -15.44         | 5              | 103         | V        |
| 3      | * 5.35001       | 30.24                | RMS | 33.7                | -15.6                  | 48.34                      | 54                     | -5.66       | -                   | -              | 5              | 103         | V        |
| 4      | * 5.35447       | 31.02                | RMS | 33.7                | -15.6                  | 49.12                      | 54                     | -4.88       | -                   | -              | 5              | 103         | V        |

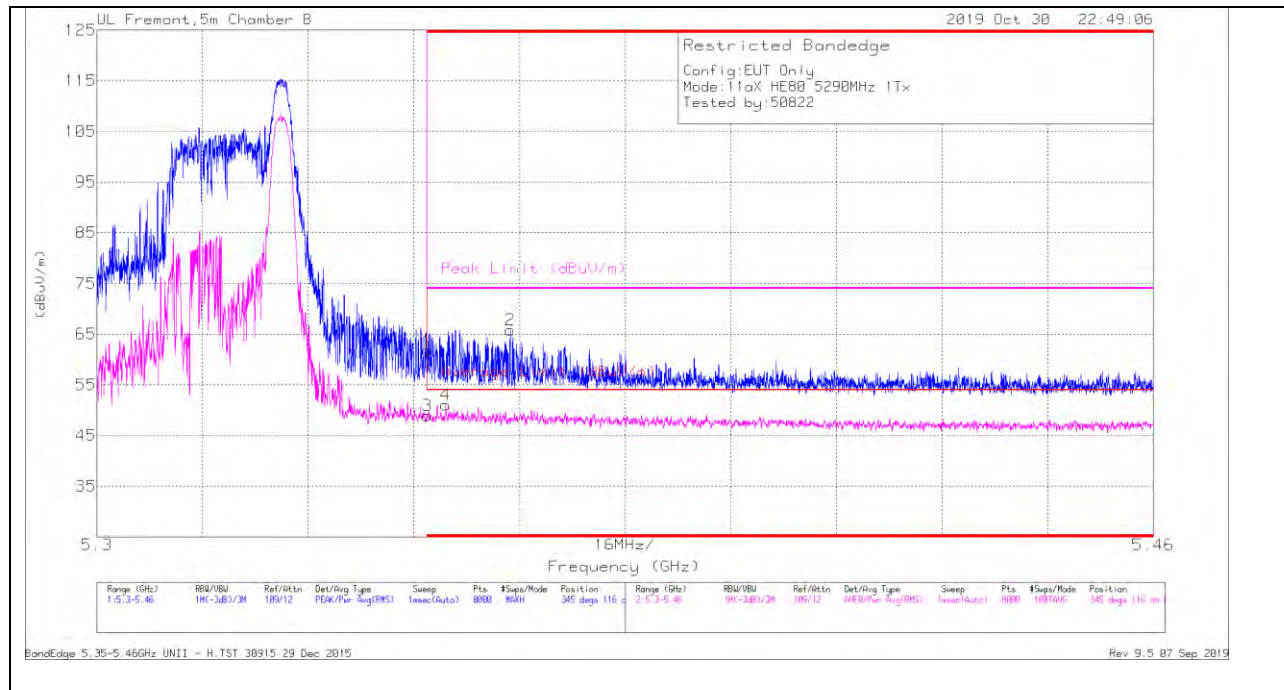
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BandEdge 5.35-546GHz UNII - V.TST 30915 30 Dec 2015

Rev 9.5 07 Sep 2019

**1TX UAT2 – 26 Tones, RU Index 36****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0194893 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 43.71                | Pk  | 33.7                 | -15.6                 | 61.81                      | -                      | -           | 74                  | -12.19         | 345            | 116         | H        |
| 2      | * 5.36259       | 47.86                | Pk  | 33.6                 | -15.6                 | 65.86                      | -                      | -           | 74                  | -8.14          | 345            | 116         | H        |
| 3      | * 5.35001       | 30.83                | RMS | 33.7                 | -15.6                 | 48.93                      | 54                     | -5.07       | -                   | -              | 345            | 116         | H        |
| 4      | * 5.35283       | 32.99                | RMS | 33.7                 | -15.6                 | 51.09                      | 54                     | -2.91       | -                   | -              | 345            | 116         | H        |

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

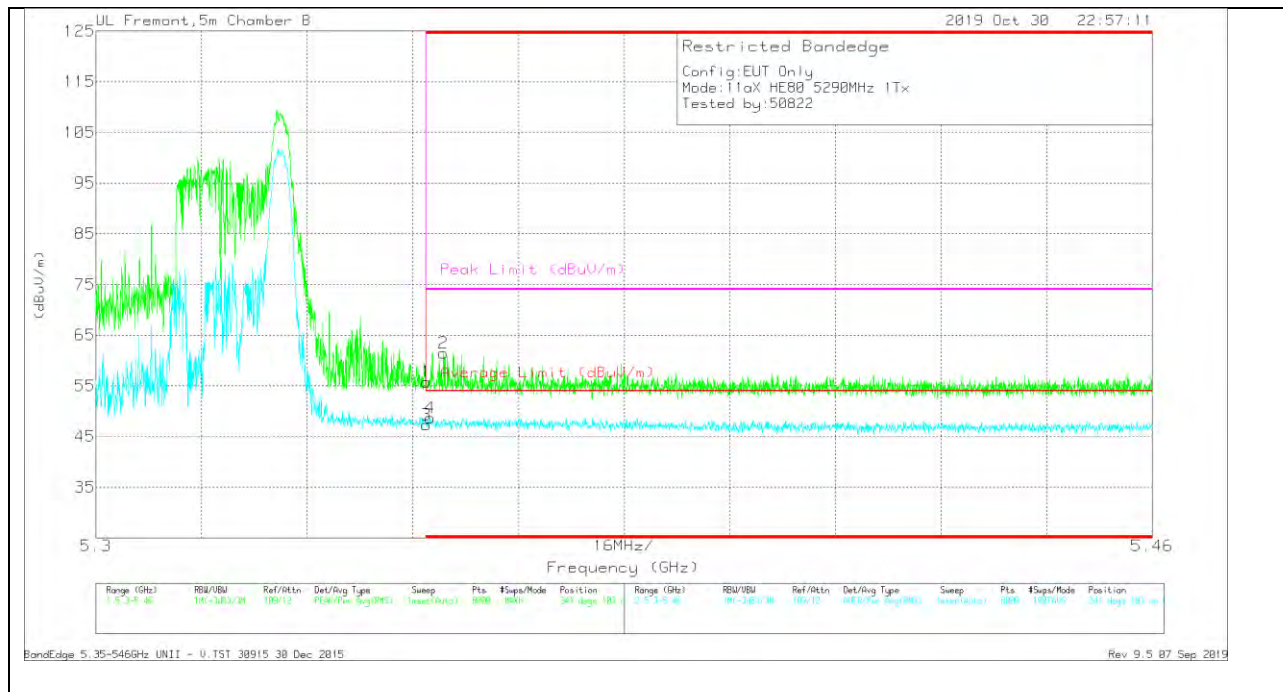
Pk - Peak detector

RMS - RMS detection

BandEdge 5.35-5.46GHz UNII - H.TST 30915 29 Dec 2015

Rev 9.5 07 Sep 2019

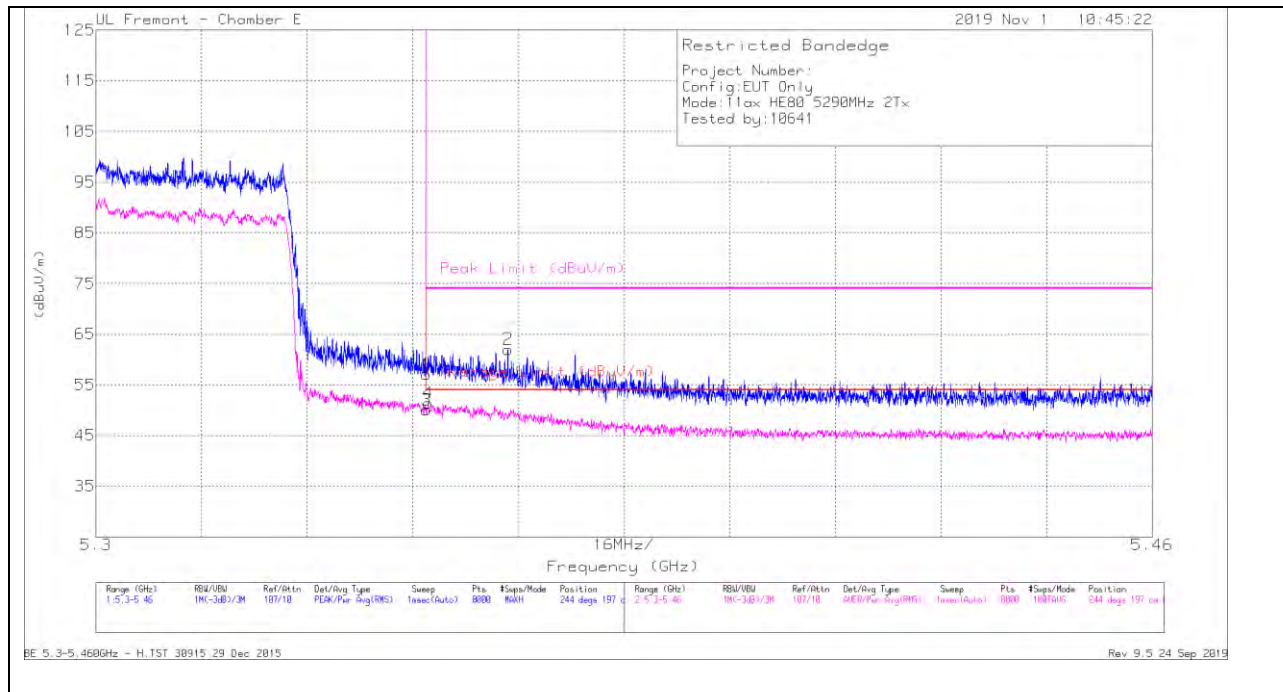
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0194893 (dBm) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 37.68                | Pk  | 33.7                | -15.6                  | 55.78                      | -                      | -           | 74                  | -18.22         | 341            | 103         | V        |
| 2      | * 5.35265       | 43.35                | Pk  | 33.7                | -15.6                  | 61.45                      | -                      | -           | 74                  | -12.55         | 341            | 103         | V        |
| 3      | * 5.35001       | 29.22                | RMS | 33.7                | -15.6                  | 47.32                      | 54                     | -6.68       | -                   | -              | 341            | 103         | V        |
| 4      | * 5.35059       | 30.54                | RMS | 33.7                | -15.6                  | 48.64                      | 54                     | -5.36       | -                   | -              | 341            | 103         | V        |

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

BandEdge 5.35-546GHz UNII - V.TST 30915 30 Dec 2015  
Rev 9.5 07 Sep 2019

**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35001       | 44.06                | Pk  | 34.5           | -21.4                 | 57.16                      | -                      | -           | 74                  | -16.84         | 244            | 197         | H        |
| 2      | * 5.36239       | 48.92                | Pk  | 34.5           | -21.4                 | 62.02                      | -                      | -           | 74                  | -11.98         | 244            | 197         | H        |
| 3      | * 5.35001       | 36.89                | RMS | 34.5           | -21.4                 | 49.99                      | 54                     | -4.01       | -                   | -              | 244            | 197         | H        |
| 4      | * 5.35035       | 38.3                 | RMS | 34.5           | -21.4                 | 51.4                       | 54                     | -2.6        | -                   | -              | 244            | 197         | H        |

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

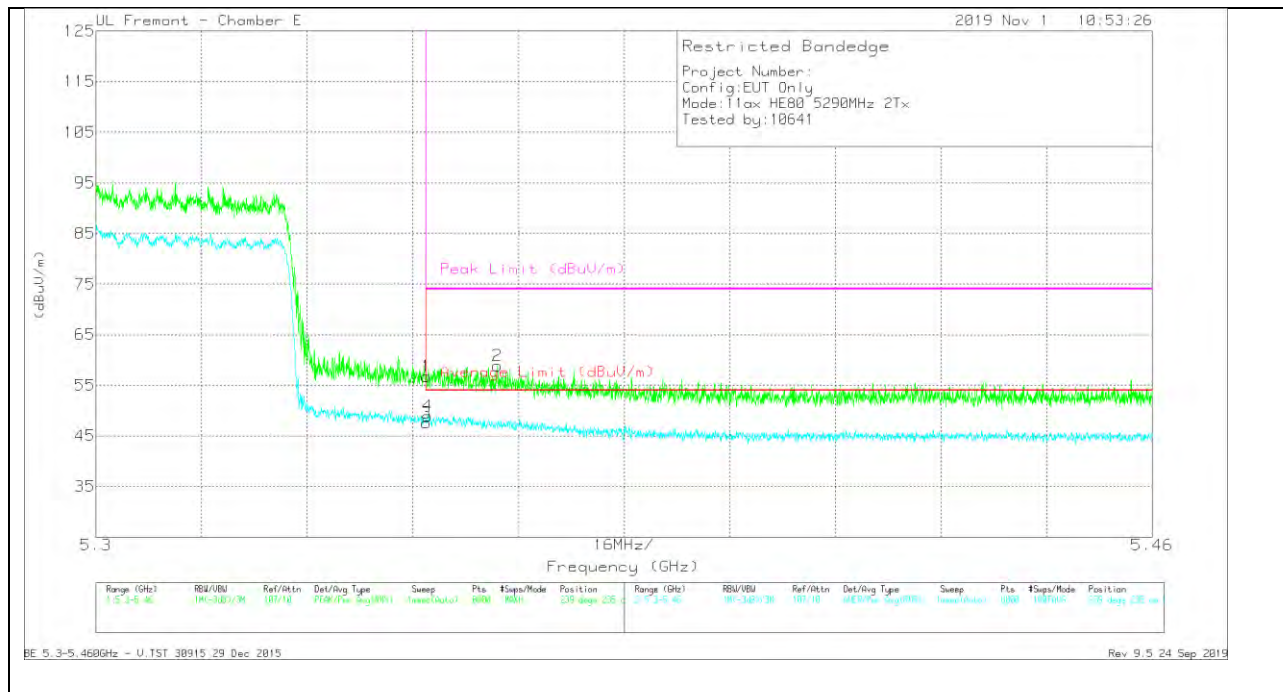
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.35001       | 43.69                | Pk  | 34.5           | -21.4                  | 56.79                      | -                      | -           | 74                  | -17.21         | 239            | 235         | V        |
| 2      | * 5.36083       | 45.76                | Pk  | 34.5           | -21.4                  | 58.86                      | -                      | -           | 74                  | -15.14         | 239            | 235         | V        |
| 3      | * 5.35001       | 34.61                | RMS | 34.5           | -21.4                  | 47.61                      | 54                     | -6.39       | -                   | -              | 239            | 235         | V        |
| 4      | * 5.35029       | 35.86                | RMS | 34.5           | -21.4                  | 48.96                      | 54                     | -5.04       | -                   | -              | 239            | 235         | V        |

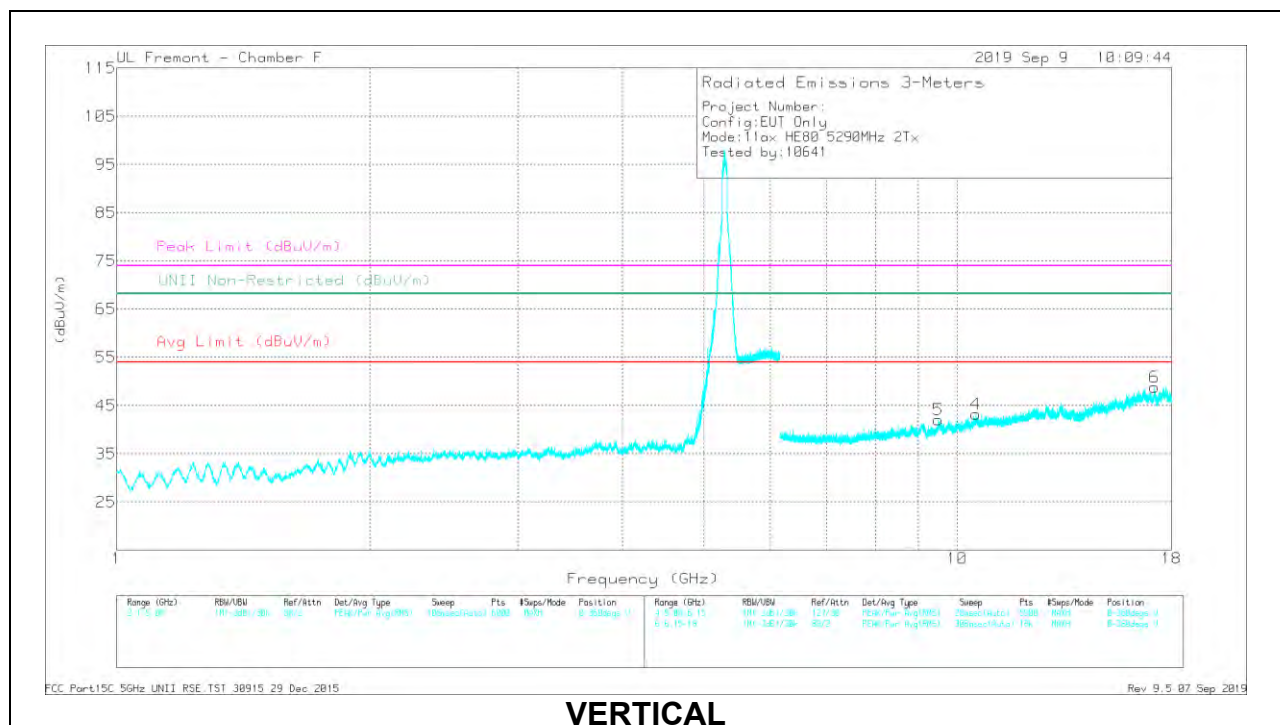
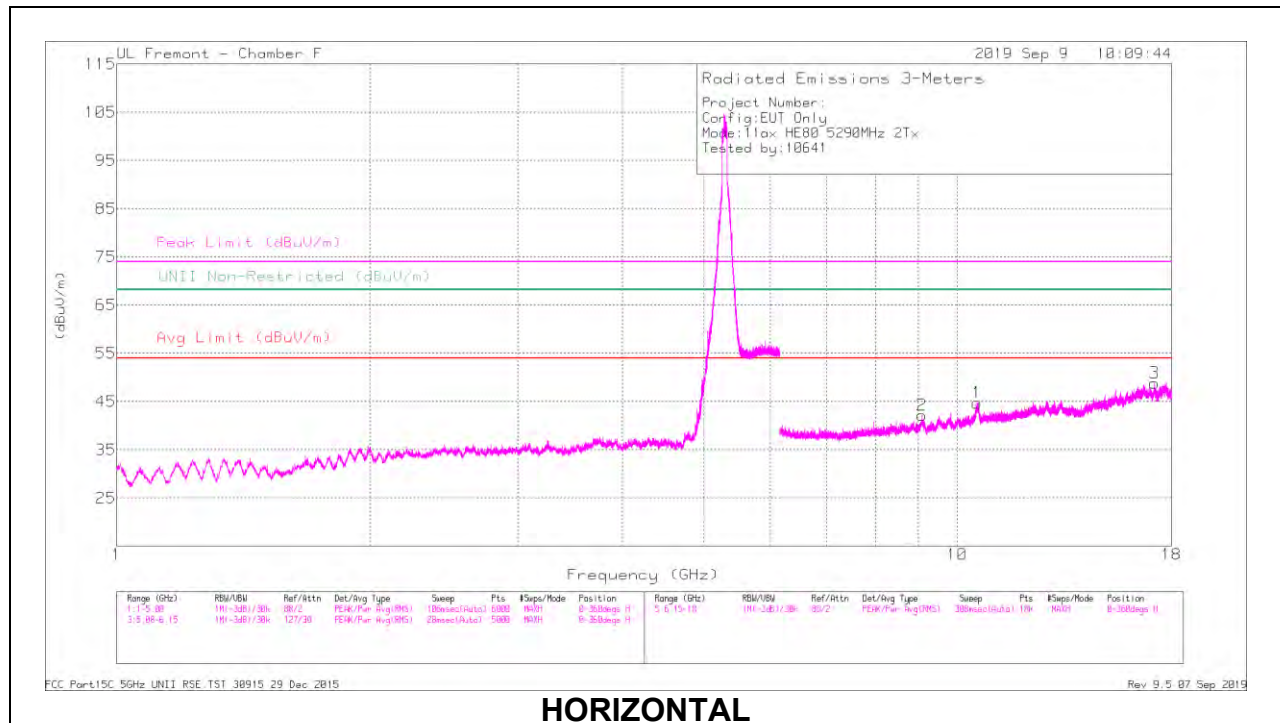
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

**HARMONICS AND SPURIOUS EMISSIONS****MID CHANNEL RESULTS**

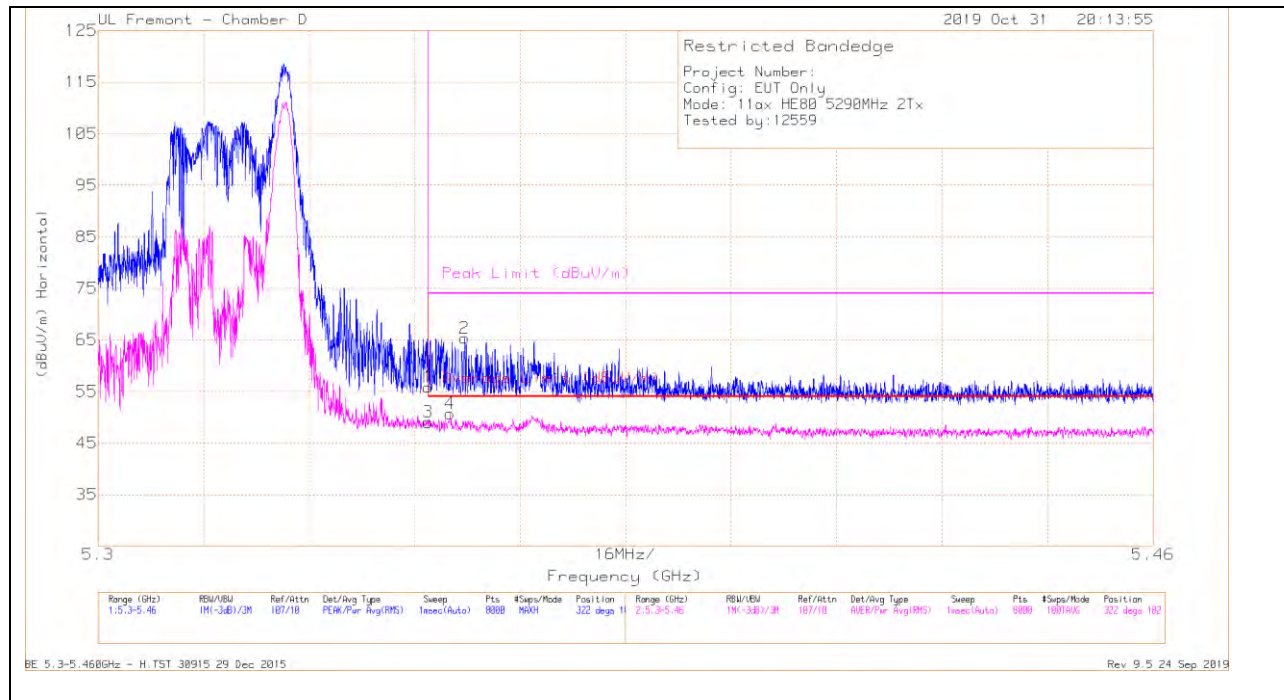
## RADIATED EMISSIONS

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Readin<br>g<br>(dBuV) | Det  | AF T345<br>(dB/m) | Amp/Cb/Filtr/Pa<br>d (dB) | Correct<br>ed<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) | UNII Non-<br>Restricted<br>(dBuV/m) | PK<br>Margin<br>(dB) | Azimet<br>h<br>(Degs) | Heig<br>ht<br>(cm) | Polarit<br>y |
|--------|------------------------|--------------------------------|------|-------------------|---------------------------|--------------------------------------|-----------------------|----------------|------------------------|----------------------|-------------------------------------|----------------------|-----------------------|--------------------|--------------|
| 1      | 10.56403               | 52.79                          | PK-U | 37.8              | -38.6                     | 51.99                                | -                     | -              | -                      | -                    | 68.2                                | -16.21               | 263                   | 124                | H            |
| 3      | 17.15738               | 50.96                          | PK-U | 41.3              | -37.5                     | 54.76                                | -                     | -              | -                      | -                    | 68.2                                | -13.44               | 43                    | 130                | H            |
| 2      | * 9.08485              | 51.3                           | PK-U | 36.3              | -38.8                     | 48.8                                 | -                     | -              | 74                     | -25.2                | -                                   | -                    | 149                   | 154                | H            |
|        | * 9.08458              | 39.92                          | ADR  | 36.3              | -38.8                     | 37.42                                | 54                    | -16.58         | -                      | -                    | -                                   | -                    | 149                   | 154                | H            |
| 4      | 10.50711               | 49.71                          | PK-U | 37.7              | -38.9                     | 48.51                                | -                     | -              | -                      | -                    | 68.2                                | -19.69               | 297                   | 202                | V            |
| 6      | 17.17947               | 50.31                          | PK-U | 41.3              | -36.8                     | 54.81                                | -                     | -              | -                      | -                    | 68.2                                | -13.39               | 80                    | 141                | V            |
| 5      | 9.50546                | 50.91                          | PK-U | 36.7              | -39.5                     | 48.11                                | -                     | -              | -                      | -                    | 68.2                                | -20.09               | 140                   | 161                | V            |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (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      | * 5.35001       | 39.93                | Pk  | 34.3           | -18.4                  | 55.83                      | -                      | -           | 74                  | -18.17         | 322            | 182         | H        |
| 3      | * 5.35001       | 33.15                | RMS | 34.3           | -18.4                  | 49.05                      | 54                     | -4.95       | -                   | -              | 322            | 182         | H        |
| 4      | * 5.35337       | 34.82                | RMS | 34.3           | -18.4                  | 50.72                      | 54                     | -3.28       | -                   | -              | 322            | 182         | H        |
| 2      | * 5.35555       | 49.33                | Pk  | 34.3           | -18.3                  | 65.33                      | -                      | -           | 74                  | -8.67          | 322            | 182         | H        |

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

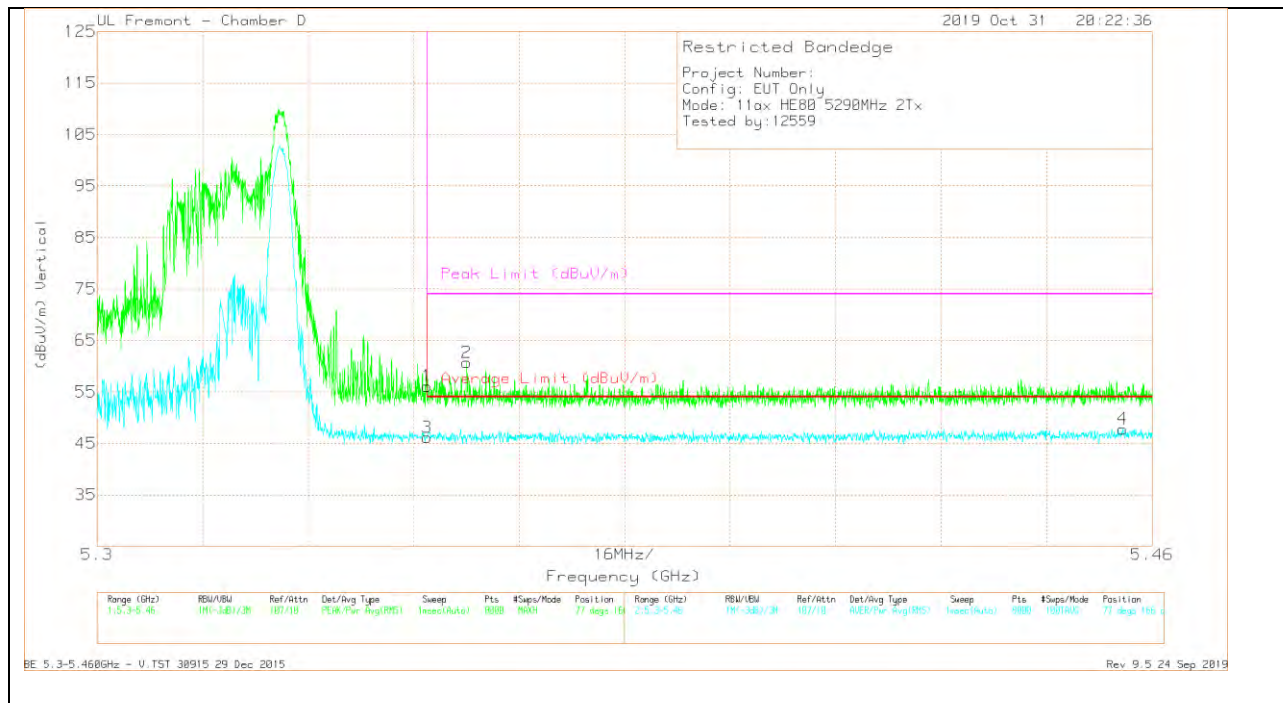
PK - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (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      | * 5.35001       | 40.23                | Pk  | 34.3           | -18.4                  | 56.13                      | -                      | -           | 74                  | -17.87         | 77             | 166         | V        |
| 2      | * 5.35605       | 44.68                | Pk  | 34.3           | -18.3                  | 60.68                      | -                      | -           | 74                  | -13.32         | 77             | 166         | V        |
| 3      | * 5.35001       | 30.24                | RMS | 34.3           | -18.4                  | 46.14                      | 54                     | -7.86       | -                   | -              | 77             | 166         | V        |
| 4      | * 5.45554       | 31.51                | RMS | 34.4           | -18.1                  | 47.81                      | 54                     | -6.19       | -                   | -              | 77             | 166         | V        |

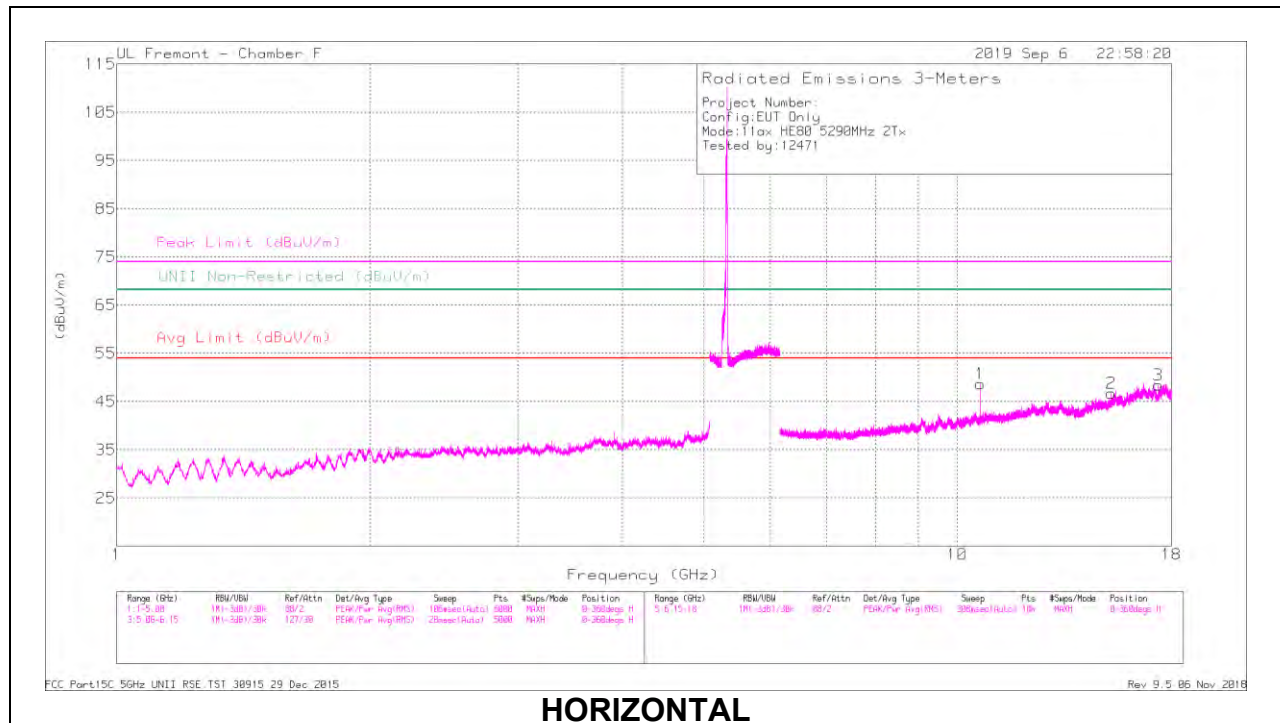
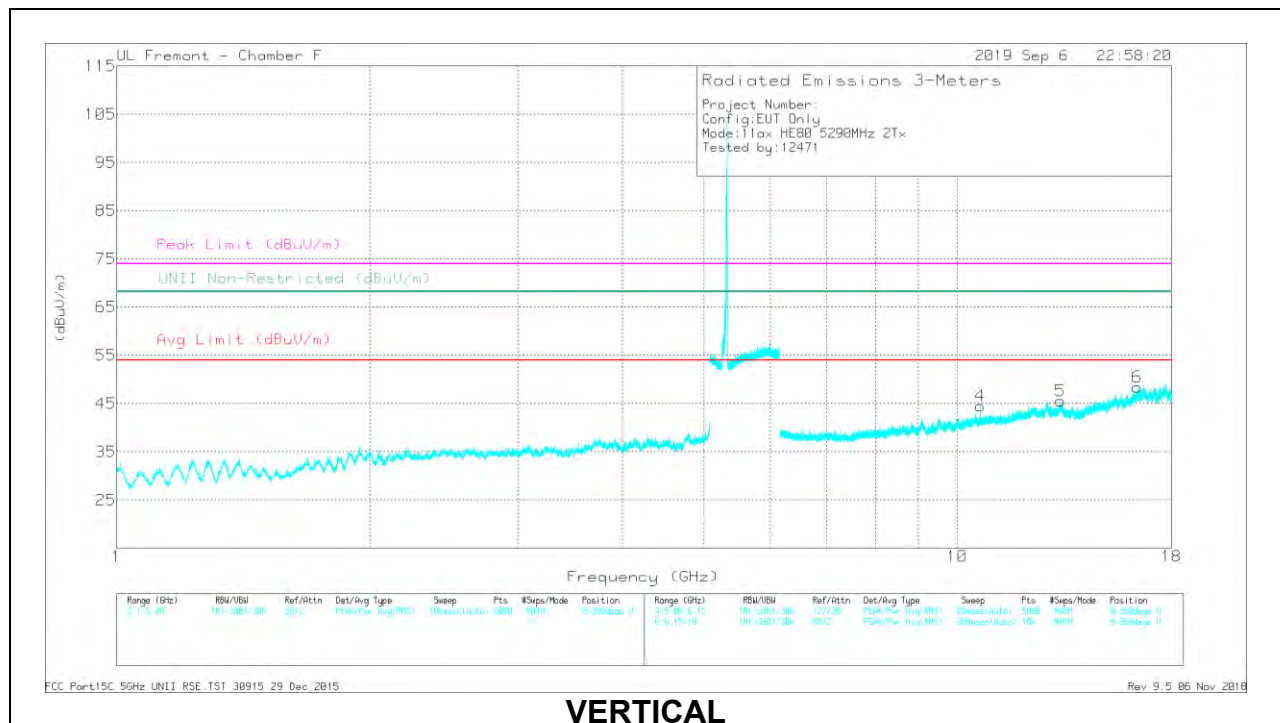
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

**HARMONICS AND SPURIOUS EMISSIONS****MID CHANNEL RESULTS****HORIZONTAL****VERTICAL**

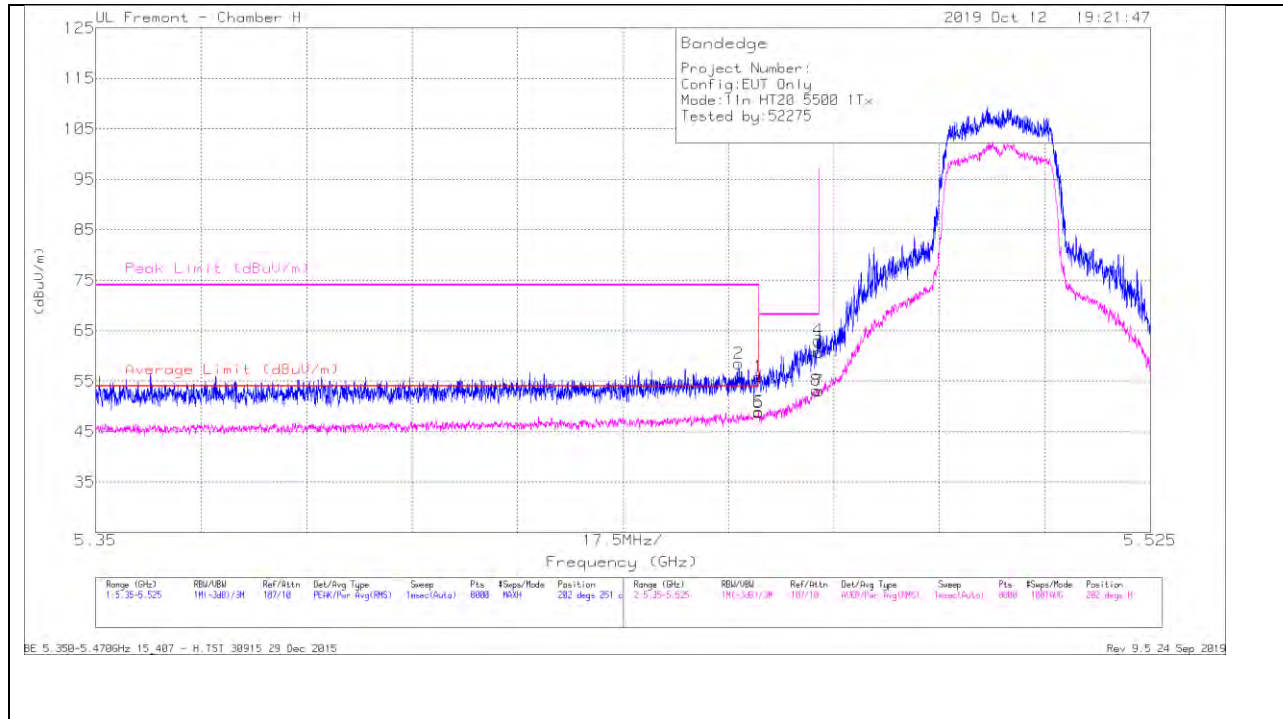
## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dBm) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 10.656        | 58.6                 | PK-U | 37.9          | -39.3                 | 57.2                       | -                  | -           | 74                  | -16.8          | -                            | -              | 1              | 103         | H        |
|        | * 10.656        | 44.92                | ADR  | 37.9          | -39.3                 | 43.52                      | 54                 | -10.48      | -                   | -              | -                            | -              | 1              | 103         | H        |
| 2      | 15.276          | 51.27                | PK-U | 40.1          | -38.5                 | 52.87                      | -                  | -           | -                   | -              | 68.2                         | -15.33         | 2              | 251         | H        |
| 3      | 17.377          | 50.89                | PK-U | 41.5          | -38.1                 | 54.29                      | -                  | -           | -                   | -              | 68.2                         | -13.91         | 291            | 262         | H        |
| 4      | * 10.656        | 55.51                | PK-U | 37.9          | -39.2                 | 54.21                      | -                  | -           | 74                  | -19.79         | -                            | -              | 132            | 103         | V        |
|        | * 10.656        | 42.46                | ADR  | 37.9          | -39.2                 | 41.16                      | 54                 | -12.84      | -                   | -              | -                            | -              | 132            | 103         | V        |
| 5      | * 13.274        | 51.38                | PK-U | 39.3          | -38                   | 52.68                      | -                  | -           | 74                  | -21.32         | -                            | -              | 149            | 349         | V        |
|        | * 13.275        | 39.08                | ADR  | 39.3          | -38.1                 | 40.28                      | 54                 | -13.72      | -                   | -              | -                            | -              | 149            | 349         | V        |
| 6      | 16.39           | 50.66                | PK-U | 41.3          | -37.6                 | 54.36                      | -                  | -           | -                   | -              | 68.2                         | -13.84         | 351            | 283         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**1.1.13. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND****1TX LAT3****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (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      | * 5.45998       | 41.05                | Pk  | 35.2           | -20.4                  | 55.85                      | -                      | -           | 74                  | -18.15         | 202            | 251         | H        |
| 2      | * 5.4567        | 43.62                | Pk  | 35.3           | -20.4                  | 58.52                      | -                      | -           | 74                  | -15.48         | 202            | 251         | H        |
| 5      | * 5.45998       | 34.09                | RMS | 35.2           | -20.4                  | 48.89                      | 54                     | -5.11       | -                   | -              | 202            | 251         | H        |
| 6      | * 5.45996       | 34.02                | RMS | 35.2           | -20.4                  | 48.82                      | 54                     | -5.18       | -                   | -              | 202            | 251         | H        |
| 8      | 5.46956         | 38.36                | RMS | 35.3           | -20.5                  | 53.16                      | -                      | -           | -                   | -              | 202            | 251         | H        |
| 4      | 5.46989         | 48.34                | Pk  | 35.3           | -20.5                  | 63.14                      | -                      | -           | 68.2                | -5.06          | 202            | 251         | H        |
| 3      | 5.46998         | 45.98                | Pk  | 35.3           | -20.5                  | 60.78                      | -                      | -           | 68.2                | -7.42          | 202            | 251         | H        |
| 7      | 5.46998         | 38.22                | RMS | 35.3           | -20.5                  | 53.02                      | -                      | -           | -                   | -              | 202            | 251         | H        |

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

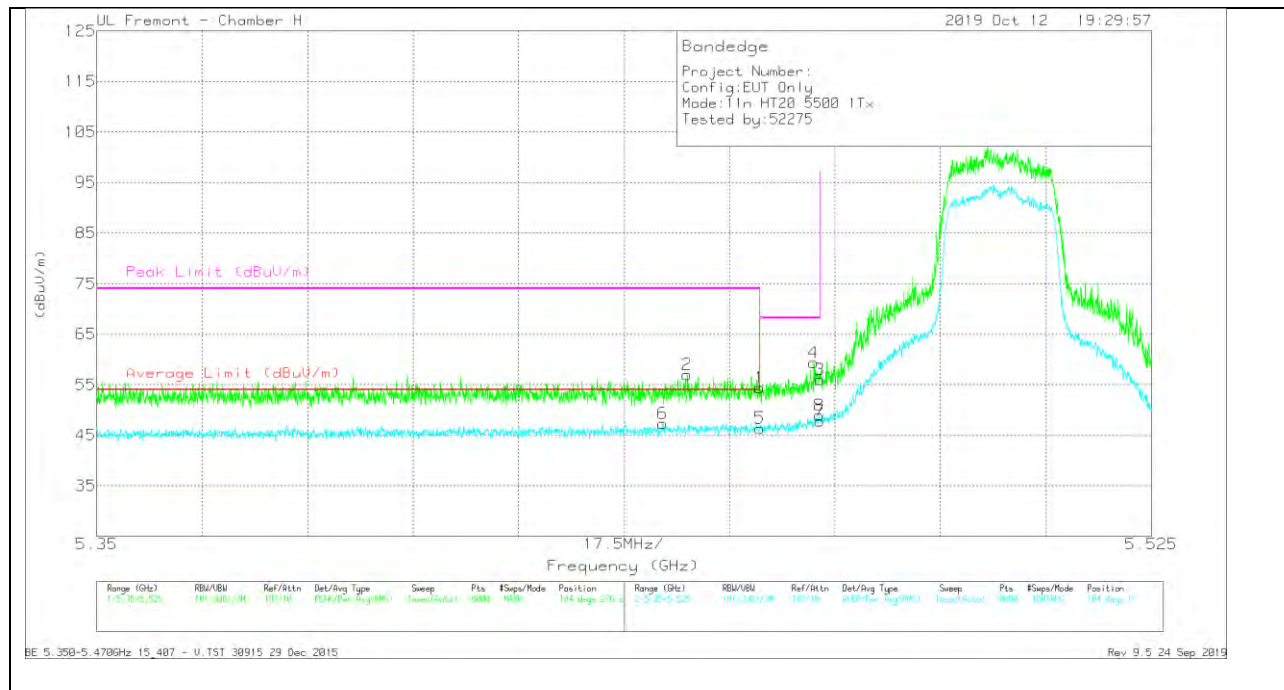
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15\_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

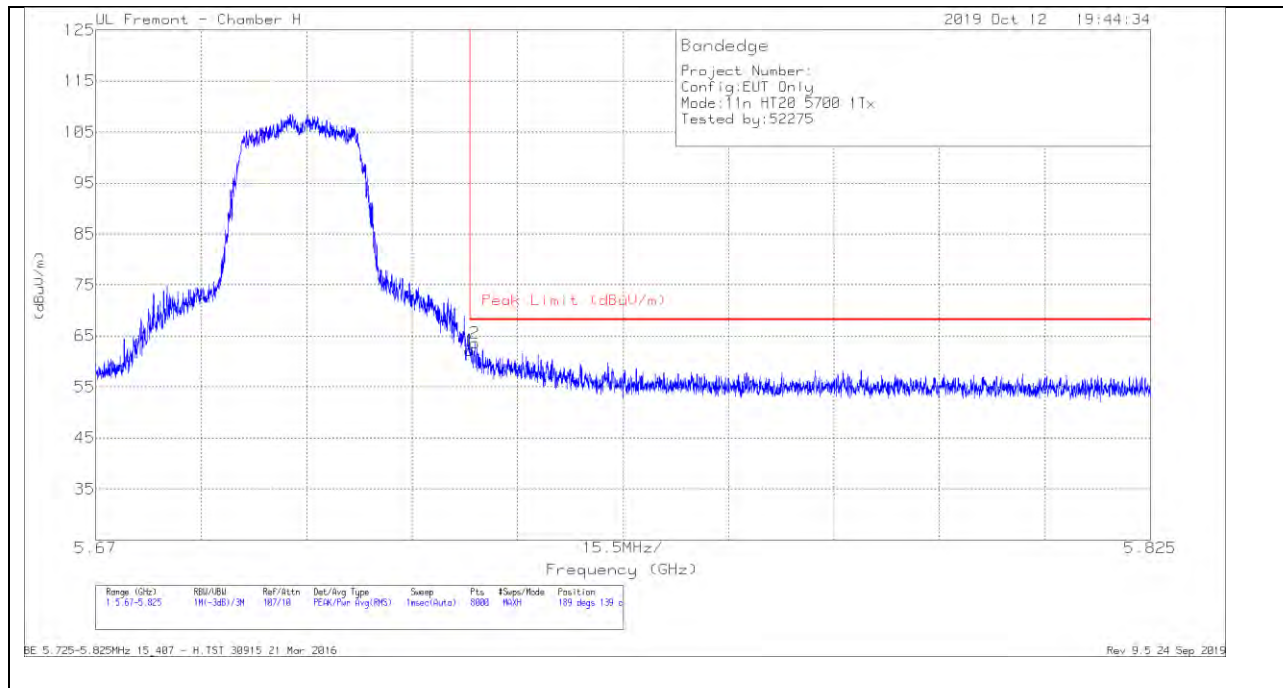
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 39.58                | Pk  | 35.2           | -20.4                 | 54.38                      | -                      | -           | 74                  | -19.62         | 184            | 276         | V        |
| 2      | * 5.44799       | 42.34                | Pk  | 35.1           | -20.4                 | 57.04                      | -                      | -           | 74                  | -16.96         | 184            | 276         | V        |
| 5      | * 5.45998       | 31.58                | RMS | 35.2           | -20.4                 | 46.38                      | 54                     | -7.62       | -                   | -              | 184            | 276         | V        |
| 6      | * 5.44392       | 32.64                | RMS | 35.1           | -20.4                 | 47.34                      | 54                     | -6.66       | -                   | -              | 184            | 276         | V        |
| 4      | 5.46899         | 44.61                | Pk  | 35.3           | -20.5                 | 59.41                      | -                      | -           | 68.2                | -8.79          | 184            | 276         | V        |
| 8      | 5.46987         | 34.12                | RMS | 35.3           | -20.5                 | 48.92                      | -                      | -           | -                   | -              | 184            | 276         | V        |
| 3      | 5.46998         | 41.17                | Pk  | 35.3           | -20.5                 | 55.97                      | -                      | -           | 68.2                | -12.23         | 184            | 276         | V        |
| 7      | 5.46998         | 33.05                | RMS | 35.3           | -20.5                 | 47.85                      | -                      | -           | -                   | -              | 184            | 276         | V        |

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

BE 5.350-5.470GHz 15\_407 - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

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

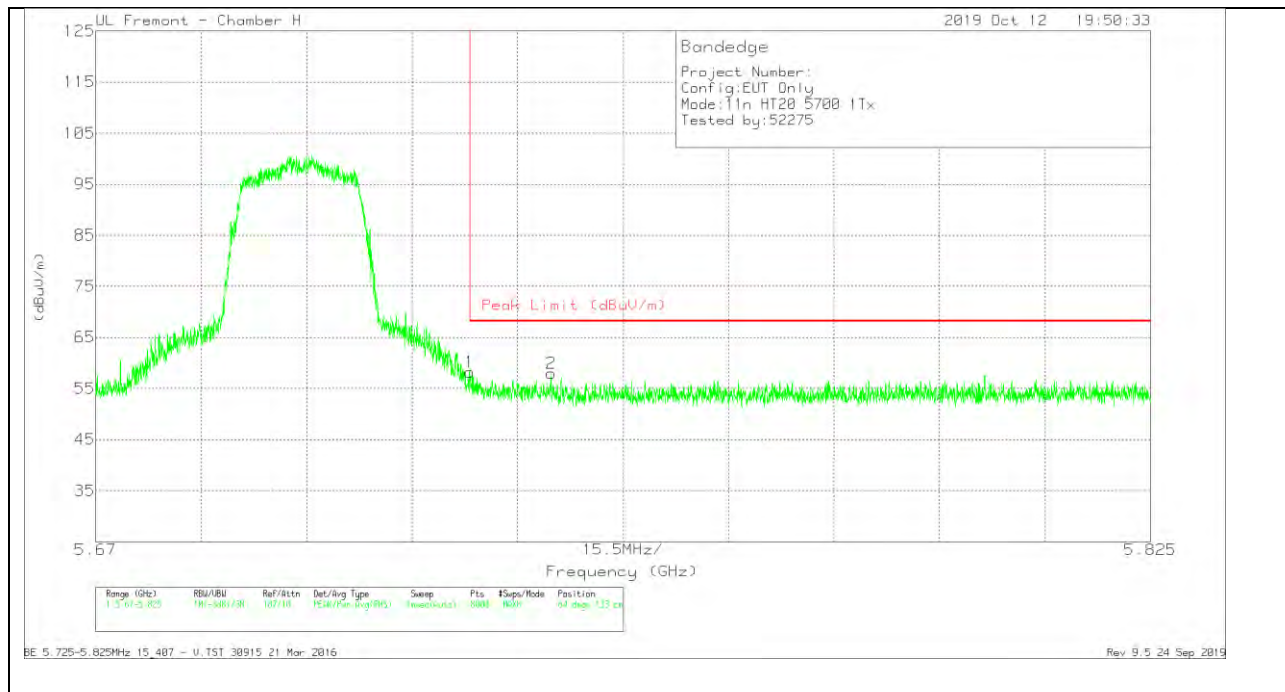
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 47.87                | Pk  | 35             | -20.7                 | 62.17                      | 68.2                | -6.03          | 189            | 139         | H        |
| 2      | 5.72571         | 49.47                | Pk  | 34.9           | -20.7                 | 63.67                      | 68.2                | -4.53          | 189            | 139         | H        |

Pk - Peak detector

BE 5.725-5.825MHz 15\_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

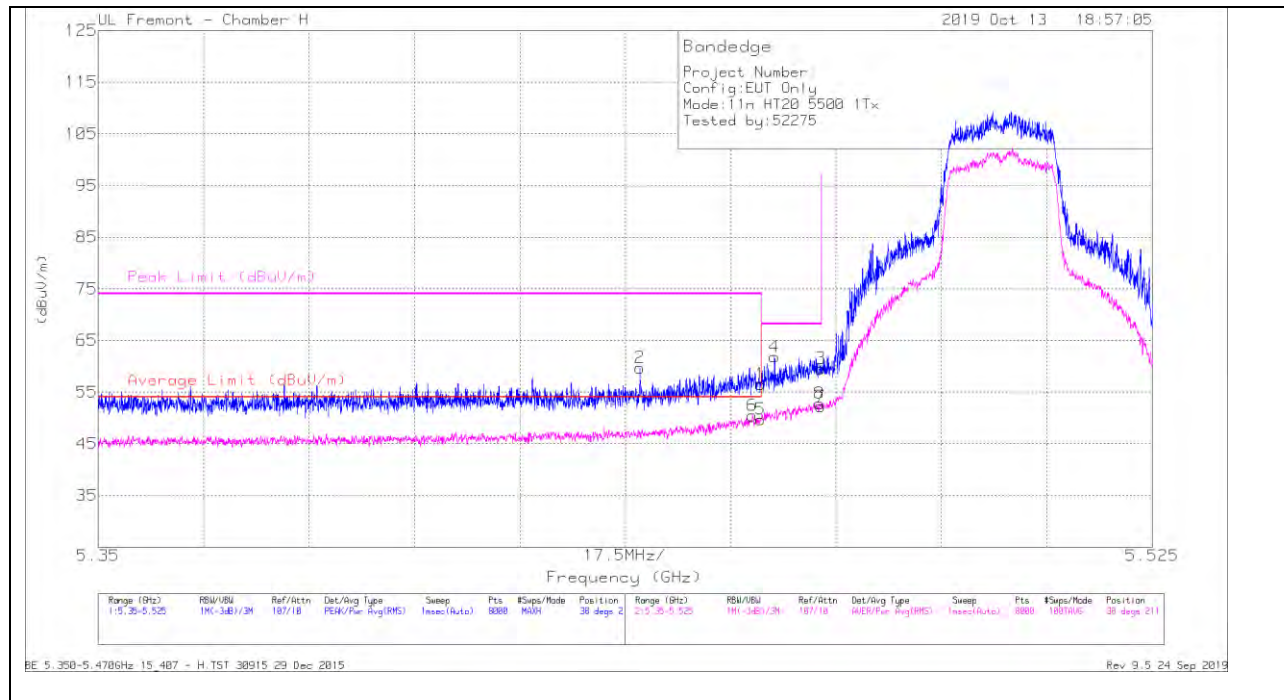
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 43.97                | Pk  | 35             | -20.7                  | 58.27                      | 68.2                | -9.93          | 64             | 133         | V        |
| 2      | 5.73693         | 43.53                | Pk  | 35             | -20.6                  | 57.93                      | 68.2                | -10.27         | 64             | 133         | V        |

Pk - Peak detector

BE 5.725-5.825MHz 15\_407 - V.TST 30915 21 Mar 2016  
Rev 9.5 24 Sep 2019

**1TX UAT2****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Ampl/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.45998       | 41.75                | Pk  | 35.2           | -20.4                   | 56.55                      | -                      | -           | 74                  | -17.45         | 38             | 211         | H        |
| 2      | * 5.43992       | 45.11                | Pk  | 35.1           | -20.5                   | 59.71                      | -                      | -           | 74                  | -14.29         | 38             | 211         | H        |
| 5      | * 5.45998       | 34.92                | RMS | 35.2           | -20.4                   | 49.72                      | 54                     | -4.28       | -                   | -              | 38             | 211         | H        |
| 6      | * 5.45862       | 35.57                | RMS | 35.3           | -20.4                   | 50.47                      | 54                     | -3.53       | -                   | -              | 38             | 211         | H        |
| 4      | 5.46228         | 47.11                | Pk  | 35.2           | -20.5                   | 61.81                      | -                      | -           | 68.2                | -6.39          | 38             | 211         | H        |
| 8      | 5.46976         | 37.98                | RMS | 35.3           | -20.5                   | 52.78                      | -                      | -           | -                   | -              | 38             | 211         | H        |
| 3      | 5.46998         | 44.76                | Pk  | 35.3           | -20.5                   | 59.56                      | -                      | -           | 68.2                | -8.64          | 38             | 211         | H        |
| 7      | 5.46998         | 37.41                | RMS | 35.3           | -20.5                   | 52.21                      | -                      | -           | -                   | -              | 38             | 211         | H        |

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

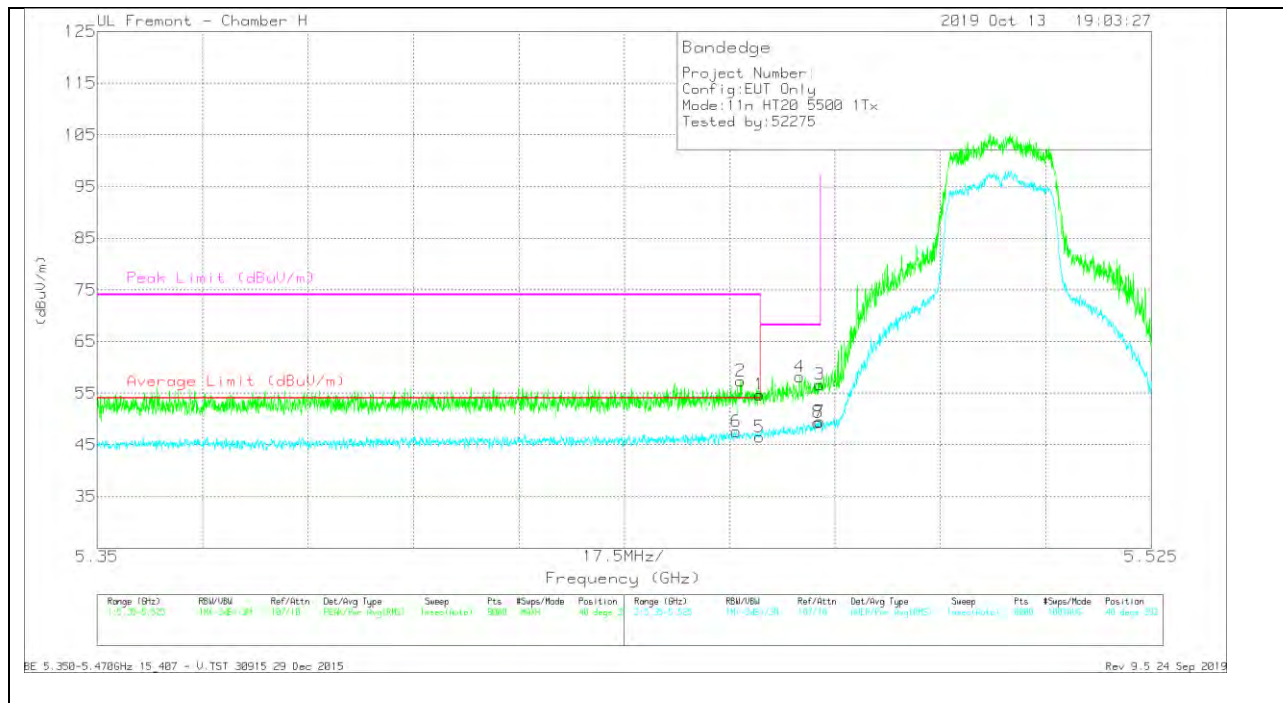
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15\_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

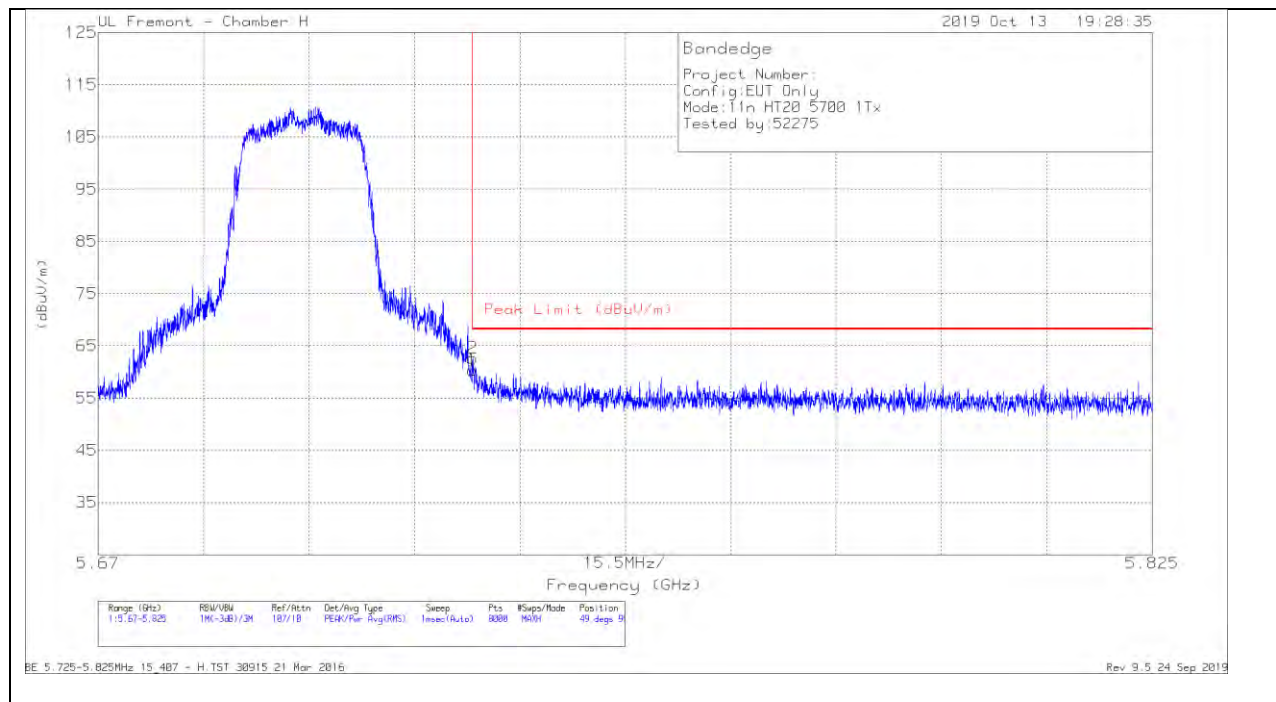
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (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      | * 5.45998       | 39.92                | Pk  | 35.2           | -20.4                  | 54.72                      | -                      | -           | 74                  | -19.28         | 40             | 392         | V        |
| 2      | * 5.45679       | 42.46                | Pk  | 35.3           | -20.4                  | 57.36                      | -                      | -           | 74                  | -16.64         | 40             | 392         | V        |
| 5      | * 5.45998       | 31.71                | RMS | 35.2           | -20.4                  | 46.51                      | 54                     | -7.49       | -                   | -              | 40             | 392         | V        |
| 6      | * 5.45609       | 32.66                | RMS | 35.3           | -20.4                  | 47.56                      | 54                     | -6.44       | -                   | -              | 40             | 392         | V        |
| 4      | 5.46661         | 43.46                | Pk  | 35.2           | -20.5                  | 58.16                      | -                      | -           | 68.2                | -10.04         | 40             | 392         | V        |
| 8      | 5.46969         | 34.55                | RMS | 35.3           | -20.5                  | 49.35                      | -                      | -           | -                   | -              | 40             | 392         | V        |
| 3      | 5.46998         | 41.86                | Pk  | 35.3           | -20.5                  | 56.66                      | -                      | -           | 68.2                | -11.54         | 40             | 392         | V        |
| 7      | 5.46998         | 34.71                | RMS | 35.3           | -20.5                  | 49.51                      | -                      | -           | -                   | -              | 40             | 392         | V        |

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

BE 5.350-5.470GHz 15\_407 - V.TST 30915 29 Dec 2015  
Rev 9.5 24 Sep 2019

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

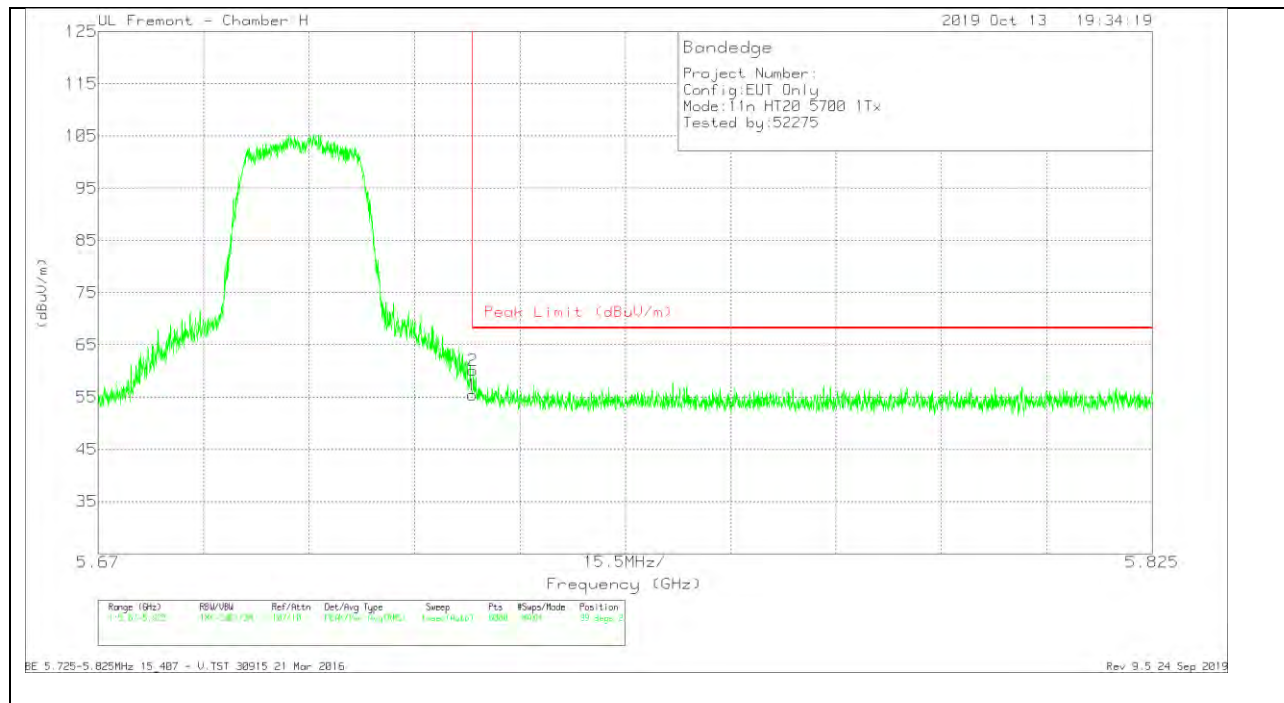
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 46.07                | Pk  | 35             | -20.7                  | 60.37                      | 68.2                | -7.83          | 49             | 99          | H        |
| 2      | 5.72505         | 48.35                | Pk  | 35             | -20.7                  | 62.65                      | 68.2                | -5.55          | 49             | 99          | H        |

Pk - Peak detector

BE 5.725-5.825MHz 15\_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

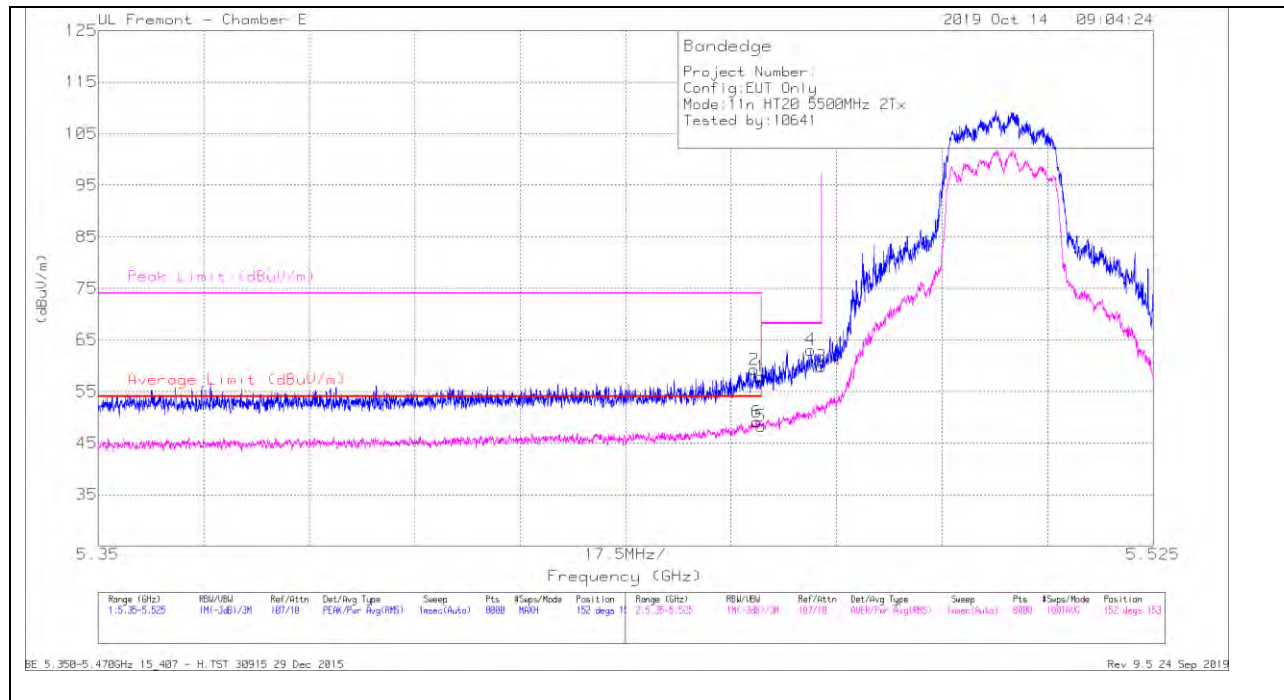
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 41.11                | Pk  | 35             | -20.7                 | 55.41                      | 68.2                | -12.79         | 39             | 236         | V        |
| 2      | 5.72511         | 45.81                | Pk  | 35             | -20.7                 | 60.11                      | 68.2                | -8.09          | 39             | 236         | V        |

Pk - Peak detector

BE 5.725-5.825MHz 15\_407 - V.TST 30915 21 Mar 2016  
Rev 9.5 24 Sep 2019

**2TX LAT3 + UAT2 CDD MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.45998       | 44.59                | Pk  | 34.6           | -21.3                  | 57.89                      | -                      | -           | 74                  | -16.11         | 152            | 153         | H        |
| 2      | * 5.45882       | 45.94                | Pk  | 34.6           | -21.3                  | 59.24                      | -                      | -           | 74                  | -14.76         | 152            | 153         | H        |
| 5      | * 5.45998       | 34.99                | RMS | 34.6           | -21.3                  | 48.29                      | 54                     | -5.71       | -                   | -              | 152            | 153         | H        |
| 6      | * 5.45919       | 35.78                | RMS | 34.6           | -21.3                  | 49.08                      | 54                     | -4.92       | -                   | -              | 152            | 153         | H        |
| 4      | 5.46821         | 49.78                | Pk  | 34.6           | -21.3                  | 63.08                      | -                      | -           | 68.2                | -5.12          | 152            | 153         | H        |
| 3      | 5.46998         | 46.58                | Pk  | 34.6           | -21.3                  | 59.88                      | -                      | -           | 68.2                | -8.32          | 152            | 153         | H        |

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

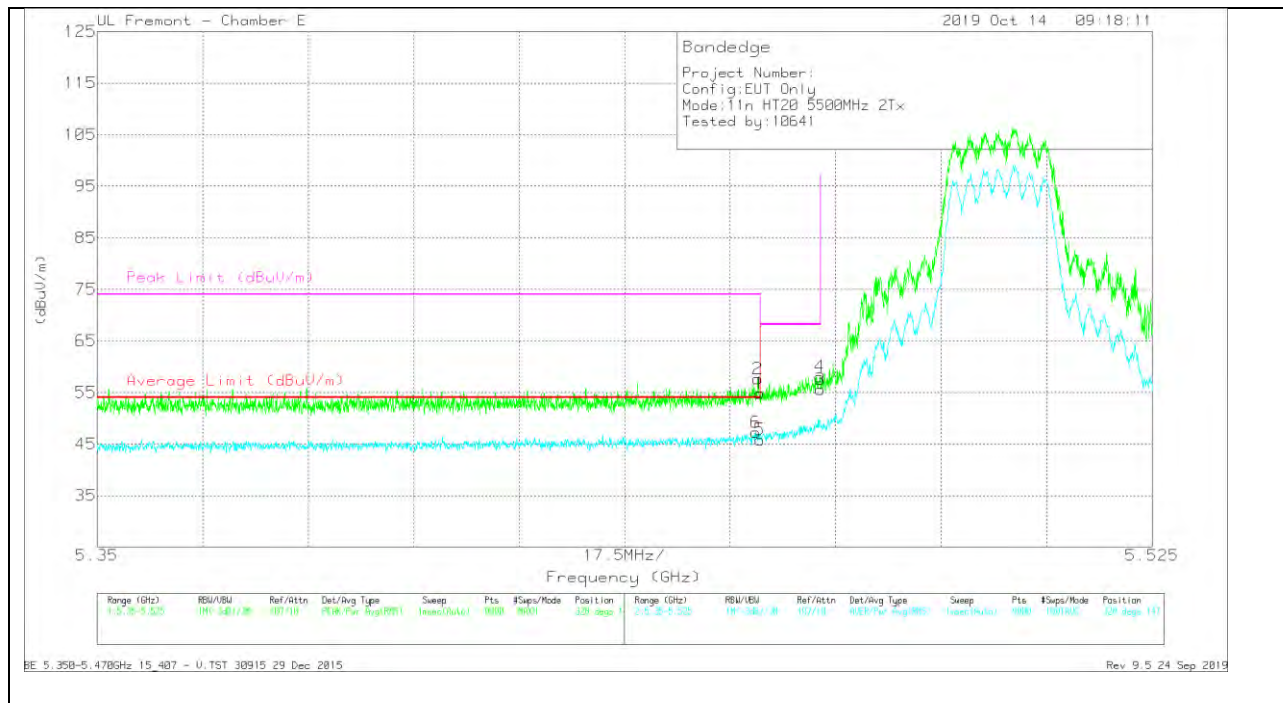
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15\_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (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      | * 5.45998       | 41.53                | Pk  | 34.6           | -21.3                  | 54.83                      | -                      | -           | 74                  | -19.17         | 328            | 147         | V        |
| 2      | * 5.45959       | 44.33                | Pk  | 34.6           | -21.3                  | 57.63                      | -                      | -           | 74                  | -16.37         | 328            | 147         | V        |
| 5      | * 5.45998       | 32.54                | RMS | 34.6           | -21.3                  | 45.84                      | 54                     | -8.16       | -                   | -              | 328            | 147         | V        |
| 6      | * 5.45922       | 33.94                | RMS | 34.6           | -21.3                  | 47.24                      | 54                     | -6.76       | -                   | -              | 328            | 147         | V        |
| 4      | 5.46985         | 44.75                | Pk  | 34.6           | -21.3                  | 58.05                      | -                      | -           | 68.2                | -10.15         | 328            | 147         | V        |
| 3      | 5.46998         | 42.25                | Pk  | 34.6           | -21.3                  | 55.55                      | -                      | -           | 68.2                | -12.65         | 328            | 147         | V        |

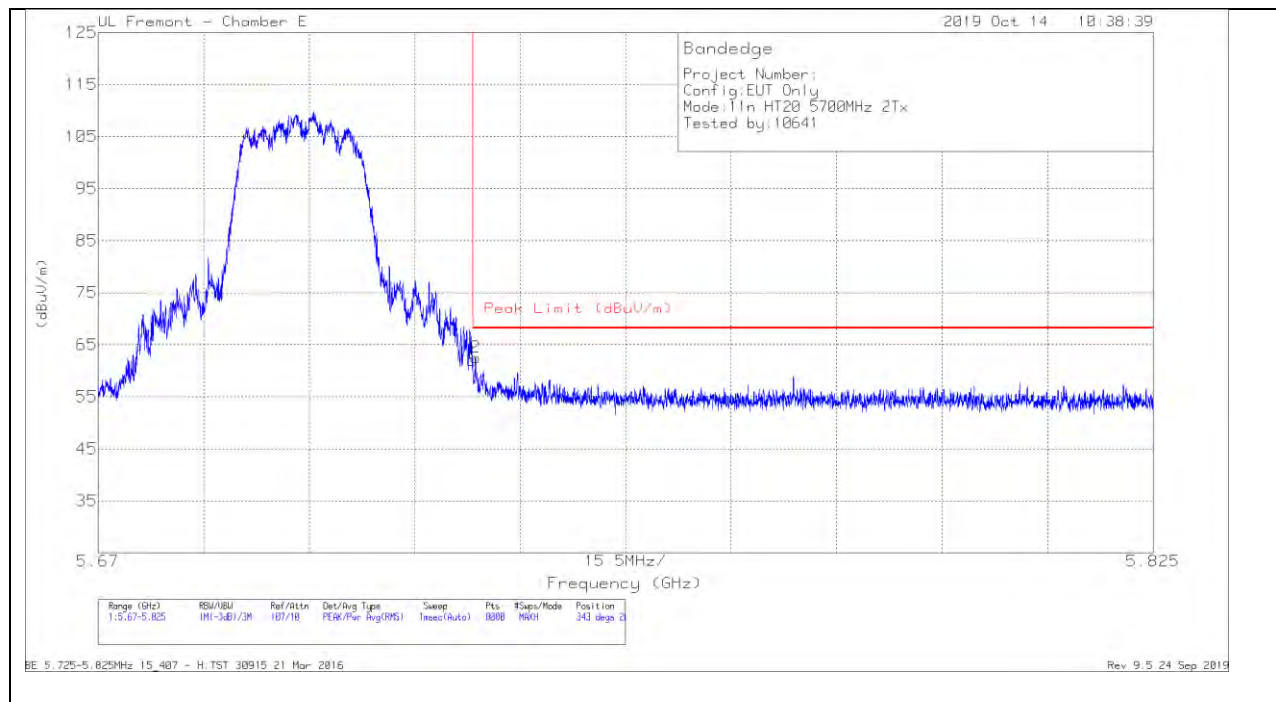
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15\_407 - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

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

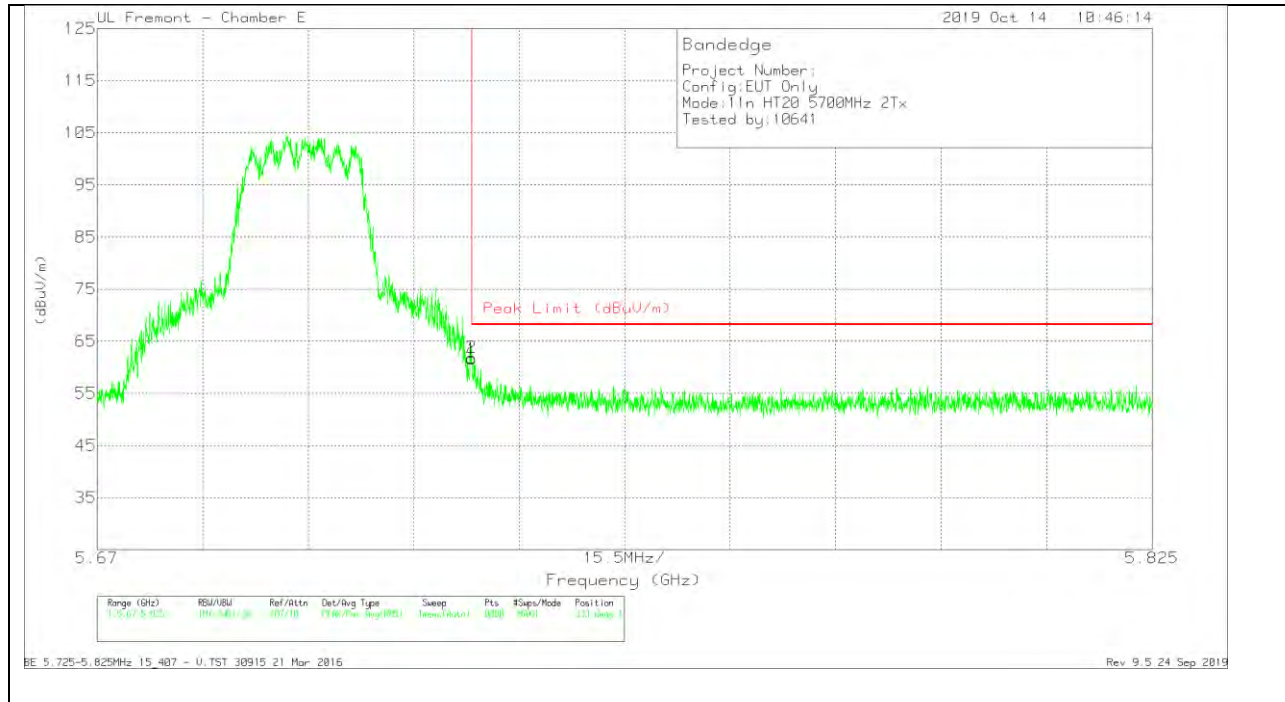
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 48.18                | Pk  | 34.8           | -20.9                  | 62.08                      | 68.2                | -6.12          | 343            | 205         | H        |
| 2      | 5.72546         | 48.65                | Pk  | 34.8           | -20.9                  | 62.55                      | 68.2                | -5.65          | 343            | 205         | H        |

Pk - Peak detector

BE 5.725-5.825MHz 15\_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

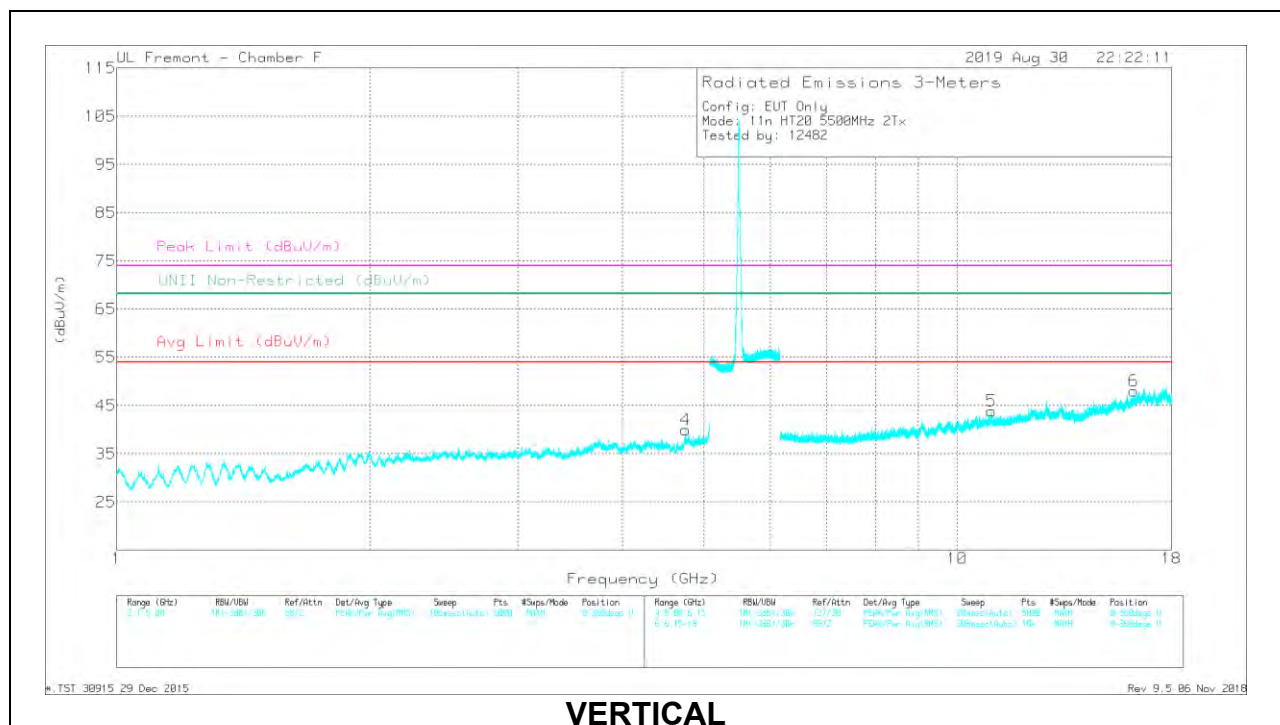
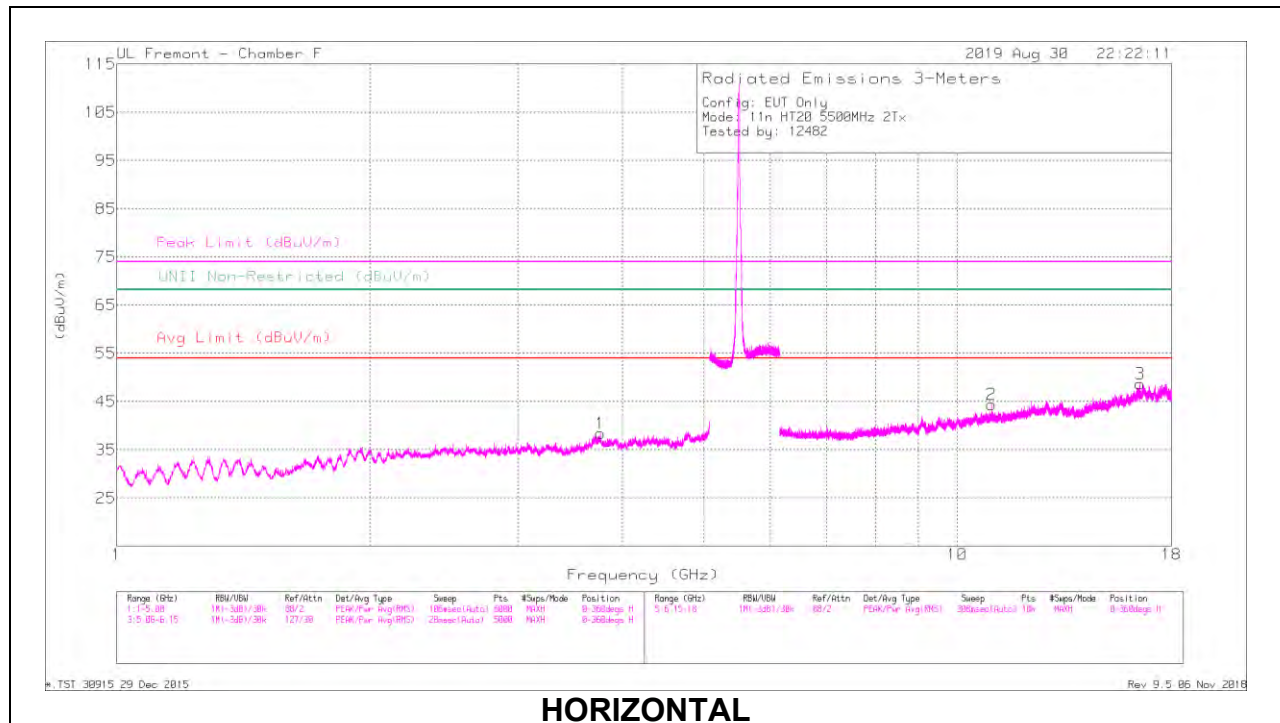
## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T119 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.72501         | 47.73                | Pk  | 34.8           | -20.9                 | 61.63                      | 68.2                | -6.57          | 333            | 112         | V        |
| 2      | 5.72505         | 47.94                | Pk  | 34.8           | -20.9                 | 61.84                      | 68.2                | -6.36          | 333            | 112         | V        |

Pk - Peak detector

BE 5.725-5.825MHz 15\_407 - V.TST 30915 21 Mar 2016  
Rev 9.5 24 Sep 2019

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

## RADIATED EMISSIONS

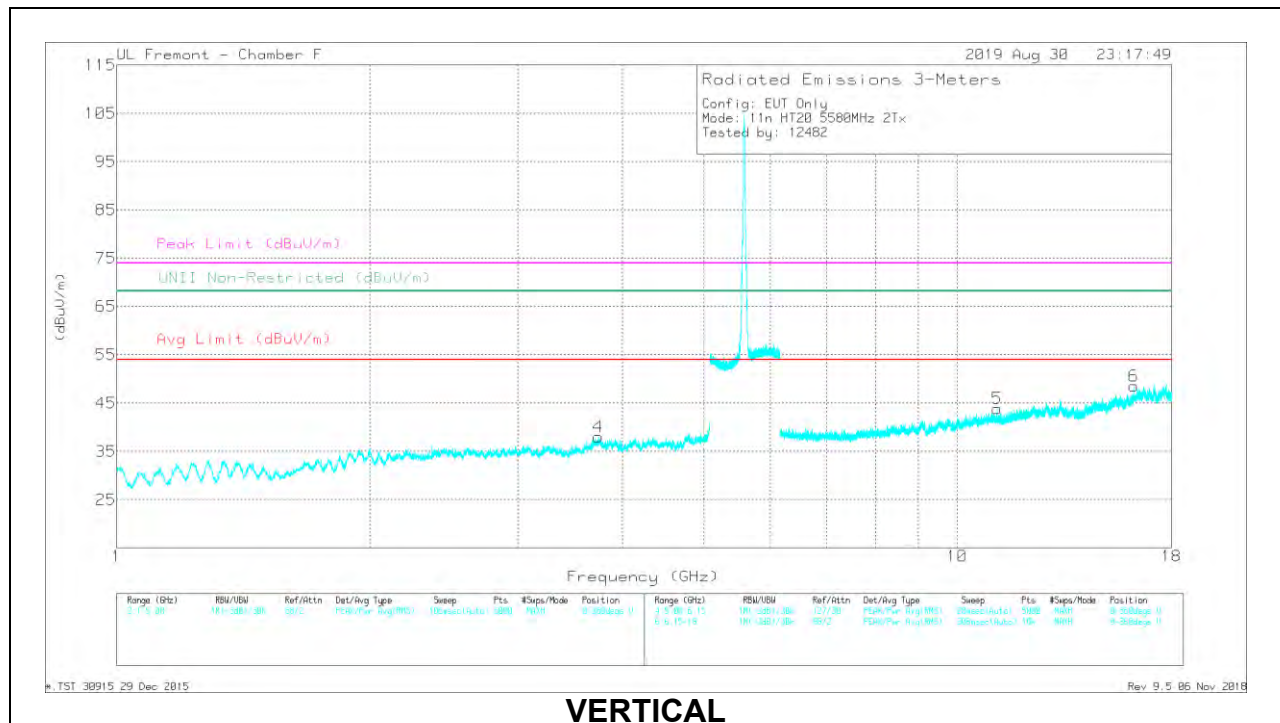
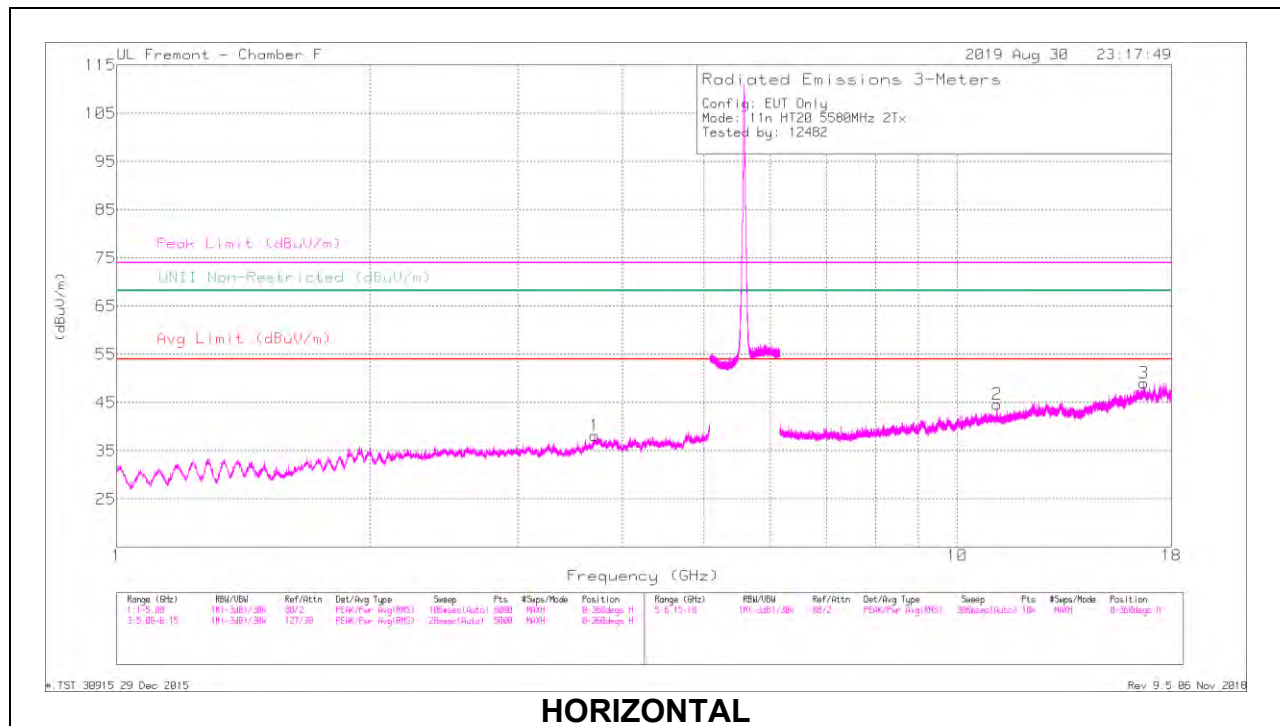
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 3.762         | 54.51                | PK-U | 33.5           | -43.4                   | 44.61                      | -                  | -           | 74                  | -29.39         | -                            | -              | 55             | 245         | H        |
|        | * 3.76          | 42.84                | ADR  | 33.4           | -43.4                   | 32.84                      | 54                 | -21.16      | -                   | -              | -                            | -              | 55             | 245         | H        |
| 4      | * 4.751         | 54.03                | PK-U | 34.1           | -44                     | 44.13                      | -                  | -           | 74                  | -29.87         | -                            | -              | 91             | 308         | V        |
|        | * 4.751         | 43.13                | ADR  | 34.1           | -44                     | 33.23                      | 54                 | -20.77      | -                   | -              | -                            | -              | 91             | 308         | V        |
| 2      | * 10.995        | 51.96                | PK-U | 38             | -38.3                   | 51.66                      | -                  | -           | 74                  | -22.34         | -                            | -              | 278            | 310         | H        |
|        | * 10.995        | 39.8                 | ADR  | 38             | -38.2                   | 39.6                       | 54                 | -14.4       | -                   | -              | -                            | -              | 278            | 310         | H        |
| 3      | 16.507          | 51.28                | PK-U | 41.6           | -38.3                   | 54.58                      | -                  | -           | -                   | -              | 68.2                         | -13.62         | 333            | 265         | H        |
| 5      | * 10.996        | 51.26                | PK-U | 38             | -38.2                   | 51.06                      | -                  | -           | 74                  | -22.94         | -                            | -              | 284            | 125         | V        |
|        | * 10.997        | 39.68                | ADR  | 38             | -38.3                   | 39.38                      | 54                 | -14.62      | -                   | -              | -                            | -              | 284            | 125         | V        |
| 6      | 16.237          | 51                   | PK-U | 41             | -37.6                   | 54.4                       | -                  | -           | -                   | -              | 68.2                         | -13.8          | 147            | 239         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filt/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 3.704         | 54.68                | PK-U | 33             | -43.8                  | 43.88                      | -                  | -           | 74                  | -30.12         | -                            | -              | 135            | 200         | H        |
|        | * 3.707         | 43.49                | ADR  | 33.1           | -43.8                  | 32.79                      | 54                 | -21.21      | -                   | -              | -                            | -              | 135            | 200         | H        |
| 4      | * 3.742         | 54.34                | PK-U | 33.3           | -43.5                  | 44.14                      | -                  | -           | 74                  | -29.86         | -                            | -              | 290            | 100         | V        |
|        | * 3.742         | 42.56                | ADR  | 33.3           | -43.5                  | 32.36                      | 54                 | -21.64      | -                   | -              | -                            | -              | 290            | 100         | V        |
| 2      | * 11.162        | 52.41                | PK-U | 38             | -38.9                  | 51.51                      | -                  | -           | 74                  | -22.49         | -                            | -              | 268            | 203         | H        |
|        | * 11.16         | 41.14                | ADR  | 38             | -38.8                  | 40.34                      | 54                 | -13.66      | -                   | -              | -                            | -              | 268            | 203         | H        |
| 3      | 16.681          | 50.13                | PK-U | 41.9           | -36.8                  | 55.23                      | -                  | -           | -                   | -              | 68.2                         | -12.97         | 235            | 299         | H        |
| 5      | * 11.159        | 51.49                | PK-U | 38             | -38.9                  | 50.59                      | -                  | -           | 74                  | -23.41         | -                            | -              | 175            | 101         | V        |
|        | * 11.158        | 40.05                | ADR  | 38             | -38.9                  | 39.15                      | 54                 | -14.85      | -                   | -              | -                            | -              | 175            | 101         | V        |
| 6      | 16.229          | 52.28                | PK-U | 41             | -37.6                  | 55.68                      | -                  | -           | -                   | -              | 68.2                         | -12.52         | 346            | 309         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T345 (dB/m) | Amp/Cbl/Filtr/Pa d (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 11.396        | 51.68                | PK-U | 38.1           | -38.8                   | 50.98                      | -                  | -           | 74                  | -23.02         | -                            | -              | 94             | 236         | H        |
|        | * 11.396        | 40.13                | ADR  | 38.1           | -38.8                   | 39.43                      | 54                 | -14.57      | -                   | -              | -                            | -              | 94             | 236         | H        |
| 5      | 7.237           | 51.18                | PK-U | 35.6           | -41                     | 45.78                      | -                  | -           | -                   | -              | 68.2                         | -22.42         | 231            | 209         | H        |
| 6      | 16.325          | 50.97                | PK-U | 41.2           | -38.5                   | 53.67                      | -                  | -           | -                   | -              | 68.2                         | -14.53         | 223            | 220         | H        |
| 2      | * 11.401        | 50.03                | PK-U | 38.1           | -38.7                   | 49.43                      | -                  | -           | 74                  | -24.57         | -                            | -              | 127            | 257         | V        |
|        | * 11.401        | 38.77                | ADR  | 38.1           | -38.7                   | 38.17                      | 54                 | -15.83      | -                   | -              | -                            | -              | 127            | 257         | V        |
| 3      | * 15.946        | 51.16                | PK-U | 40.6           | -37.1                   | 54.66                      | -                  | -           | 74                  | -19.34         | -                            | -              | 174            | 239         | V        |
|        | * 15.945        | 39.39                | ADR  | 40.6           | -37.1                   | 42.89                      | 54                 | -11.11      | -                   | -              | -                            | -              | 174            | 239         | V        |
| 4      | 17.173          | 51.08                | PK-U | 41.2           | -36.8                   | 55.48                      | -                  | -           | -                   | -              | 68.2                         | -12.72         | 191            | 223         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average