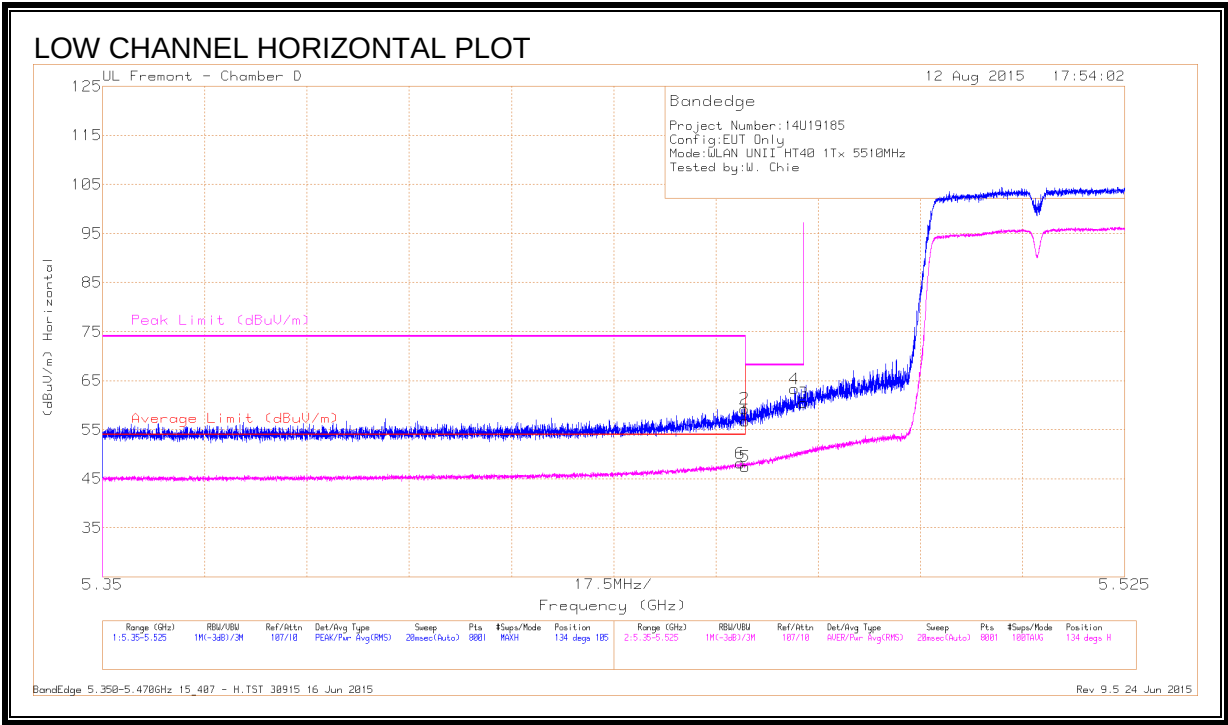


9.16. 802.11n HT40 1Tx MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 6      | * 5.459         | 31.79                | RMS | 34.4           | -18                    | 48.19                      | 54                     | -5.81       | -                   | -              | 134            | 105         | H        |
| 1      | * 5.46          | 40.37                | Pk  | 34.4           | -18                    | 56.77                      | -                      | -           | 74                  | -17.23         | 134            | 105         | H        |
| 2      | * 5.46          | 42.89                | Pk  | 34.4           | -18                    | 59.29                      | -                      | -           | 74                  | -14.71         | 134            | 105         | H        |
| 5      | * 5.46          | 31.1                 | RMS | 34.4           | -18                    | 47.5                       | 54                     | -6.5        | -                   | -              | 134            | 105         | H        |
| 4      | 5.468           | 46.92                | Pk  | 34.4           | -18                    | 63.32                      | -                      | -           | 68.2                | -4.88          | 134            | 105         | H        |
| 3      | 5.47            | 44.11                | Pk  | 34.4           | -18                    | 60.51                      | -                      | -           | 68.2                | -7.69          | 134            | 105         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

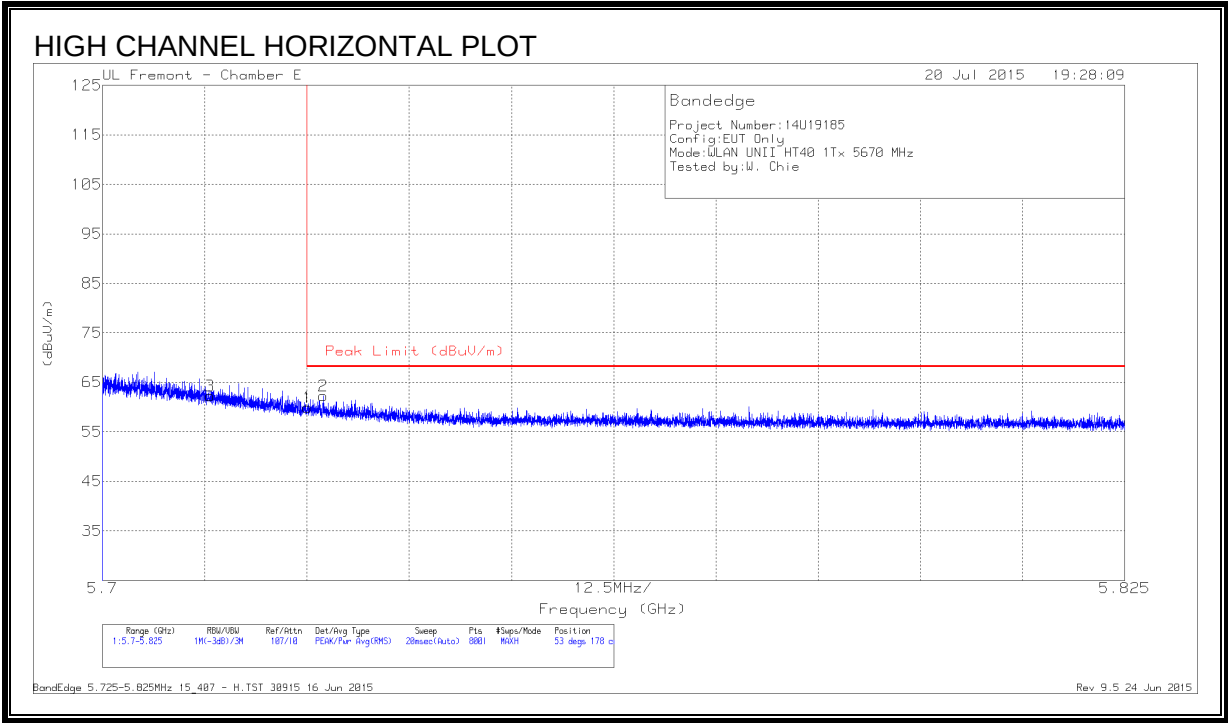
RMS - RMS detection



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.442         | 41.31                | Pk  | 34.4           | -18.2                  | 57.51                      | -                      | -           | 74                  | -16.49         | 83             | 107         | V        |
| 6      | * 5.458         | 30.18                | RMS | 34.4           | -18                    | 46.58                      | 54                     | -7.42       | -                   | -              | 83             | 107         | V        |
| 1      | * 5.46          | 38.72                | Pk  | 34.4           | -18                    | 55.12                      | -                      | -           | 74                  | -18.88         | 83             | 107         | V        |
| 5      | * 5.46          | 29.9                 | RMS | 34.4           | -18                    | 46.3                       | 54                     | -7.7        | -                   | -              | 83             | 107         | V        |
| 4      | 5.469           | 41.78                | Pk  | 34.4           | -18                    | 58.18                      | -                      | -           | 68.2                | -10.02         | 83             | 107         | V        |
| 3      | 5.47            | 38.32                | Pk  | 34.4           | -18                    | 54.72                      | -                      | -           | 68.2                | -13.48         | 83             | 107         | V        |

### RMS - RMS detection

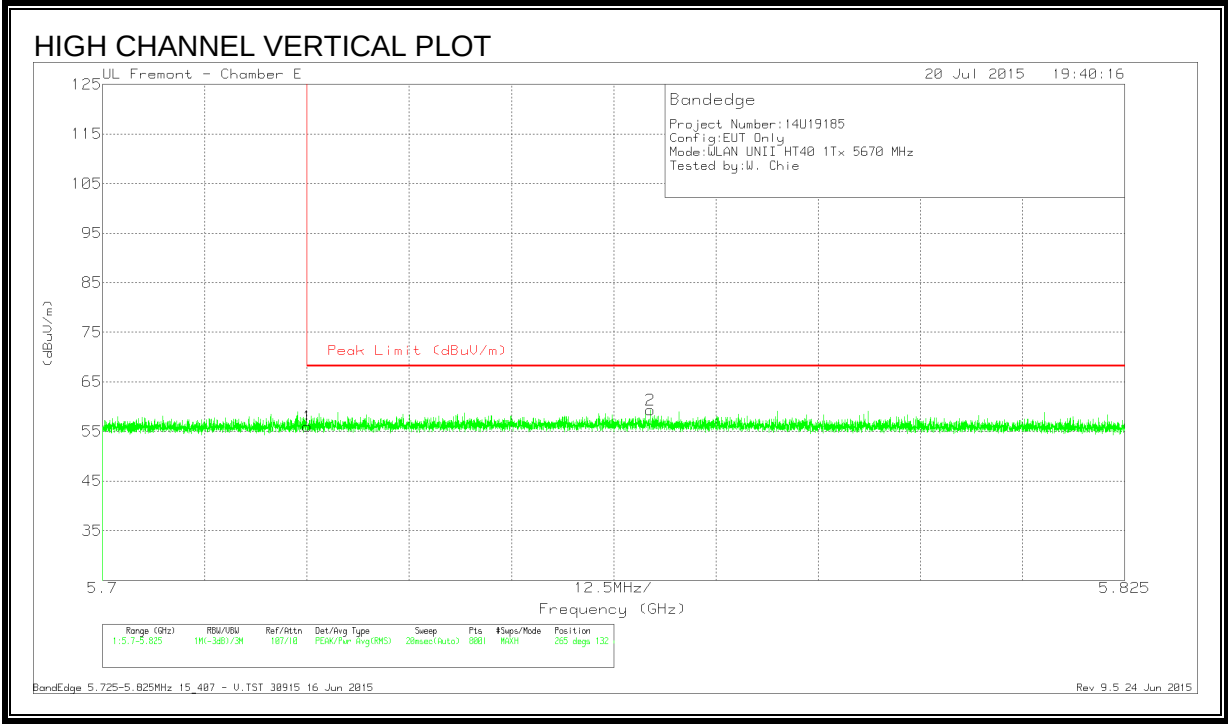
RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Filt r/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | 46.2                 | Pk  | 34.7           | -21                     | 59.9                       | 68.2                | -8.3           | 53             | 178         | H        |
| 2      | 5.727           | 48.47                | Pk  | 34.7           | -20.9                   | 62.27                      | 68.2                | -5.93          | 53             | 178         | H        |
| 3      | 5.713           | 48.58                | Pk  | 34.7           | -21                     | 62.28                      | -                   | -              | 53             | 178         | H        |

Pk - Peak detector

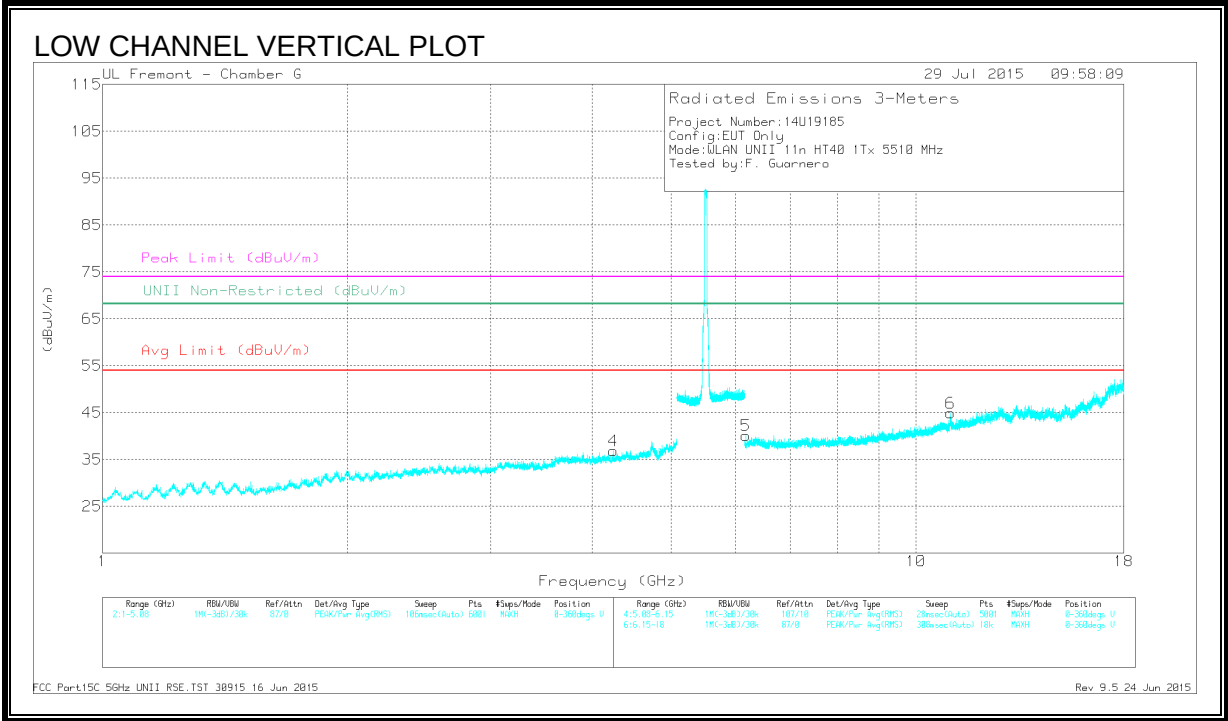
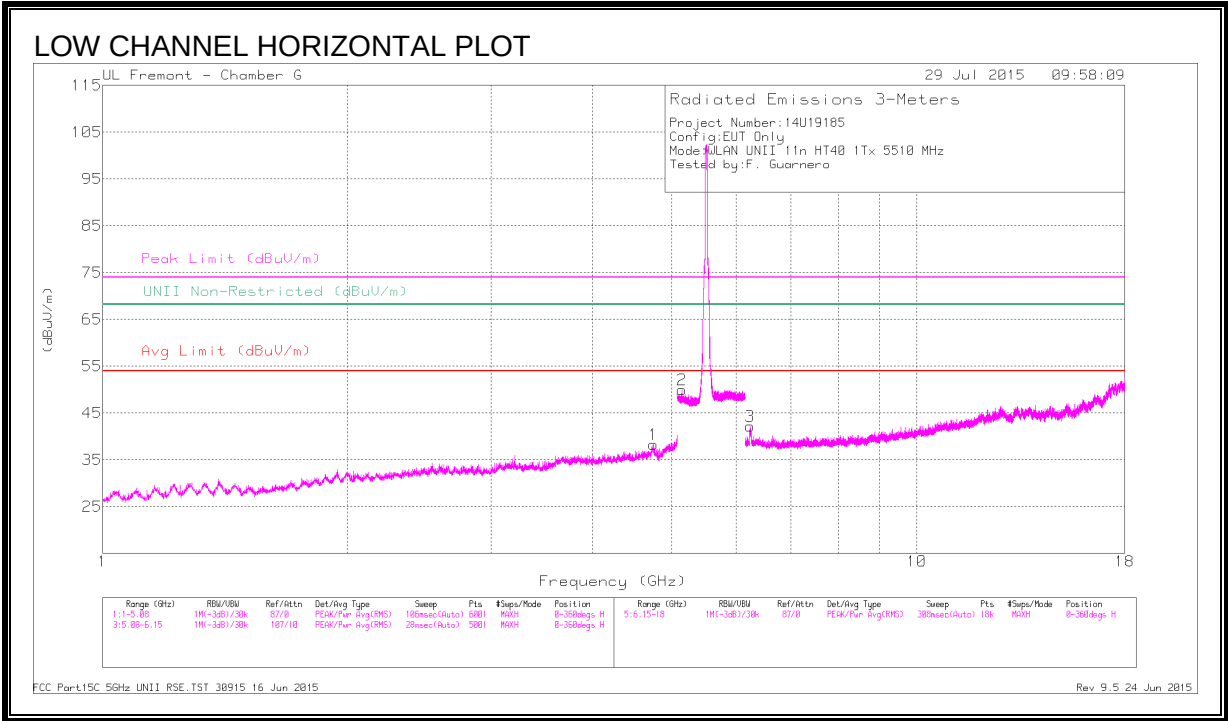


DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | 42.32                | Pk  | 34.7           | -21                    | 56.02                      | 68.2                | -12.18         | 265            | 132         | V        |
| 2      | 5.767           | 45.31                | Pk  | 34.8           | -20.8                  | 59.31                      | 68.2                | -8.89          | 265            | 132         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

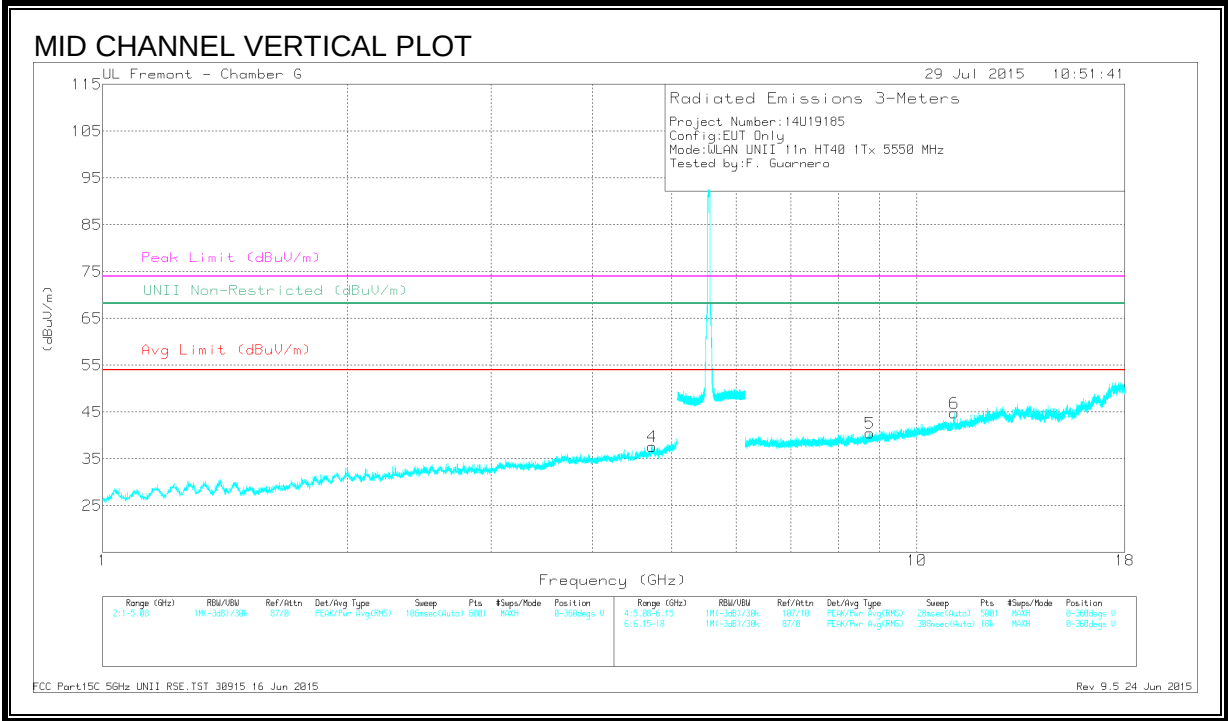
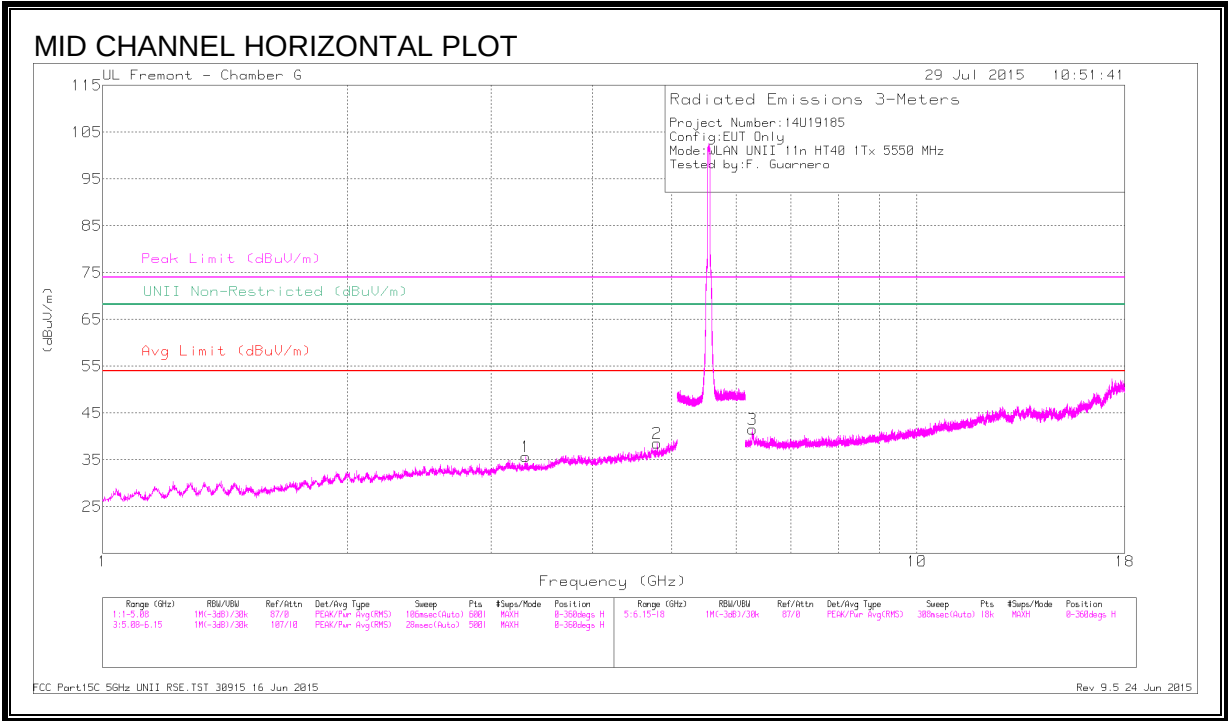
|   | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | * 4.753         | 44.04                | PK-U | 33.9           | -32.1                  | 45.84                      | -                  | -           | 74                  | -28.16         | -                            | -              | 104            | 193         | H        |
|   | * 4.75          | 32.66                | ADR  | 33.9           | -32                    | 34.56                      | 54                 | -19.44      | -                   | -              | -                            | -              | 104            | 193         | H        |
| 2 | * 5.147         | 44.09                | PK-U | 34.3           | -23.1                  | 55.29                      | -                  | -           | 74                  | -18.71         | -                            | -              | 131            | 372         | H        |
|   | * 5.144         | 32.64                | ADR  | 34.3           | -23.1                  | 43.84                      | 54                 | -10.16      | -                   | -              | -                            | -              | 131            | 372         | H        |
| 3 | 6.236           | 45.7                 | PK-U | 35.6           | -31.7                  | 49.6                       | -                  | -           | -                   | -              | 68.2                         | -18.6          | 52             | 106         | H        |
| 4 | * 4.245         | 42.4                 | PK-U | 33.4           | -32.8                  | 43                         | -                  | -           | 74                  | -31            | -                            | -              | 231            | 115         | V        |
|   | * 4.245         | 30.65                | ADR  | 33.4           | -32.8                  | 31.25                      | 54                 | -22.75      | -                   | -              | -                            | -              | 231            | 115         | V        |
| 5 | 6.177           | 42.48                | PK-U | 35.5           | -31.8                  | 46.18                      | -                  | -           | -                   | -              | 68.2                         | -22.02         | 53             | 152         | V        |
| 6 | * 11.011        | 42.04                | PK-U | 37.9           | -26.8                  | 53.14                      | -                  | -           | 74                  | -20.86         | -                            | -              | 127            | 173         | V        |
|   | * 11.012        | 29.97                | ADR  | 37.9           | -26.7                  | 41.17                      | 54                 | -12.83      | -                   | -              | -                            | -              | 127            | 173         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

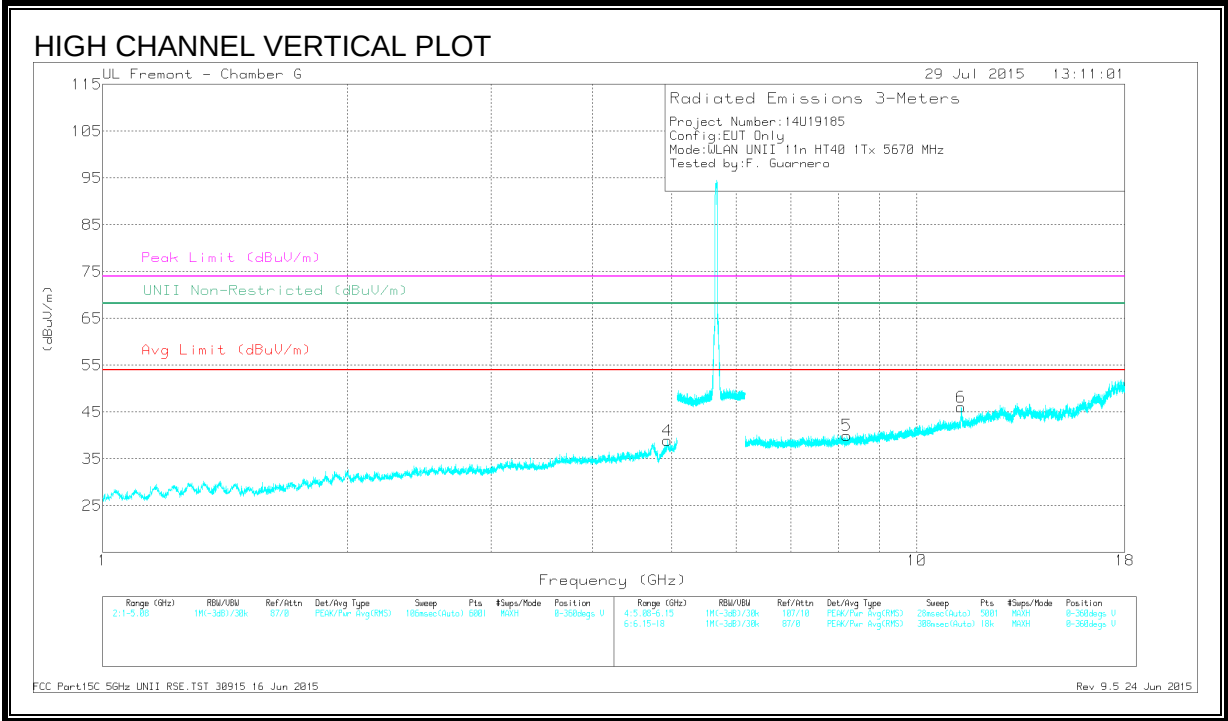
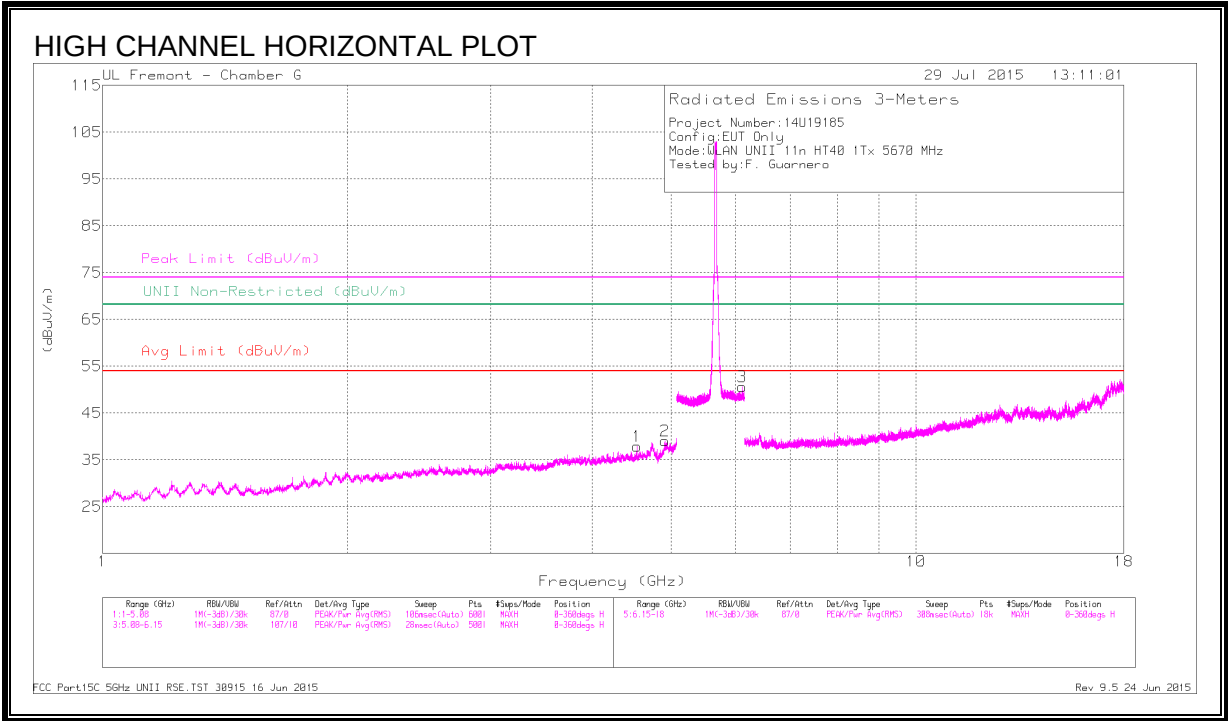
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fitter/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 3.305           | 42.31                | PK-U | 32.7           | -32.9                   | 42.11                      | -                  | -           | -                   | -              | 68.2                         | -26.09         | 105            | 159         | H        |
| 2      | * 4.8           | 44.34                | PK-U | 34             | -32.4                   | 45.94                      | -                  | -           | 74                  | -28.06         | -                            | -              | 60             | 180         | H        |
|        | * 4.8           | 32.62                | ADR  | 34             | -32.4                   | 34.22                      | 54                 | -19.78      | -                   | -              | -                            | -              | 60             | 180         | H        |
| 3      | 6.294           | 44.68                | PK-U | 35.7           | -31.8                   | 48.58                      | -                  | -           | -                   | -              | 68.2                         | -19.62         | 50             | 104         | H        |
| 4      | * 4.728         | 43.48                | PK-U | 33.9           | -31.8                   | 45.58                      | -                  | -           | 74                  | -28.42         | -                            | -              | 186            | 301         | V        |
|        | * 4.73          | 31.51                | ADR  | 33.9           | -31.8                   | 33.61                      | 54                 | -20.39      | -                   | -              | -                            | -              | 186            | 301         | V        |
| 5      | 8.76            | 40.22                | PK-U | 35.9           | -29.1                   | 47.02                      | -                  | -           | -                   | -              | 68.2                         | -21.18         | 207            | 160         | V        |
| 6      | * 11.106        | 41.55                | PK-U | 37.9           | -26.3                   | 53.15                      | -                  | -           | 74                  | -20.85         | -                            | -              | 120            | 147         | V        |
|        | * 11.106        | 29.8                 | ADR  | 37.9           | -26.3                   | 41.4                       | 54                 | -12.6       | -                   | -              | -                            | -              | 120            | 147         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

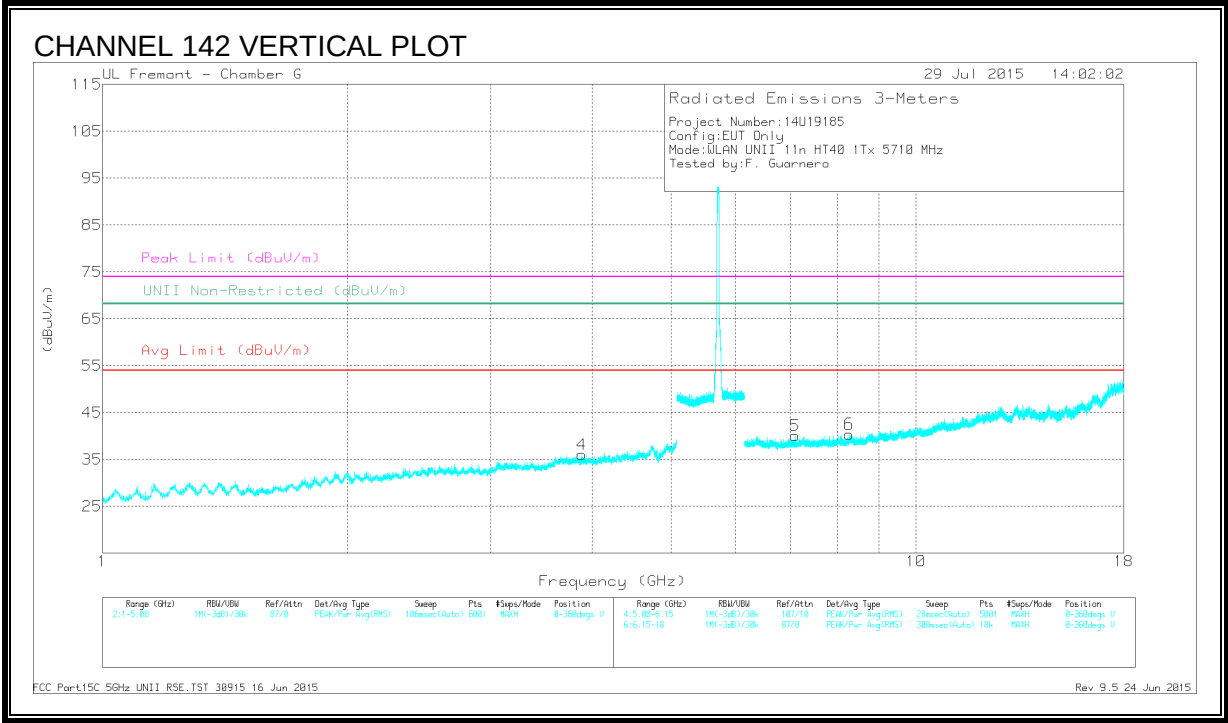
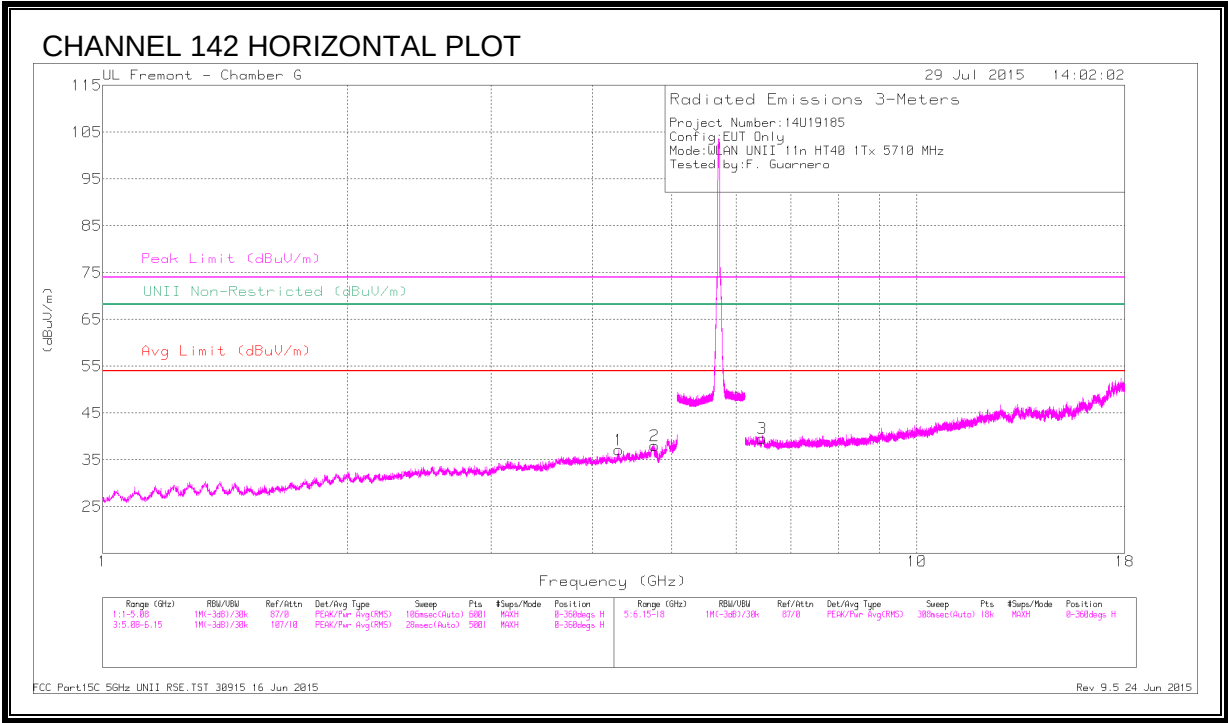
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.536         | 42.84                | PK-U | 33.7           | -32.3                  | 44.24                      | -                  | -           | 74                  | -29.76         | -                            | -              | 239            | 199         | H        |
|        | * 4.536         | 33.17                | ADR  | 33.7           | -32.4                  | 34.47                      | 54                 | -19.53      | -                   | -              | -                            | -              | 239            | 199         | H        |
| 2      | * 4.914         | 43.31                | PK-U | 34.1           | -31.4                  | 46.01                      | -                  | -           | 74                  | -27.99         | -                            | -              | 235            | 198         | H        |
|        | * 4.914         | 33.27                | ADR  | 34.1           | -31.4                  | 35.97                      | 54                 | -18.03      | -                   | -              | -                            | -              | 235            | 198         | H        |
| 3      | 6.113           | 43.36                | PK-U | 35.4           | -22.9                  | 55.86                      | -                  | -           | -                   | -              | 68.2                         | -12.34         | 247            | 148         | H        |
| 4      | * 4.939         | 42.47                | PK-U | 34.1           | -31.2                  | 45.37                      | -                  | -           | 74                  | -28.63         | -                            | -              | 312            | 214         | V        |
|        | * 4.938         | 31.07                | ADR  | 34.1           | -31.2                  | 33.97                      | 54                 | -20.03      | -                   | -              | -                            | -              | 312            | 214         | V        |
| 5      | * 8.197         | 40.68                | PK-U | 35.7           | -30.2                  | 46.18                      | -                  | -           | 74                  | -27.82         | -                            | -              | 188            | 121         | V        |
|        | * 8.196         | 29.19                | ADR  | 35.7           | -30.2                  | 34.69                      | 54                 | -19.31      | -                   | -              | -                            | -              | 188            | 121         | V        |
| 6      | * 11.345        | 41.63                | PK-U | 38.1           | -25.8                  | 53.93                      | -                  | -           | 74                  | -20.07         | -                            | -              | 294            | 101         | V        |
|        | * 11.341        | 29.89                | ADR  | 38.1           | -25.9                  | 42.09                      | 54                 | -11.91      | -                   | -              | -                            | -              | 294            | 101         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 HARMONICS AND SPURIOUS EMISSIONS



# DATA

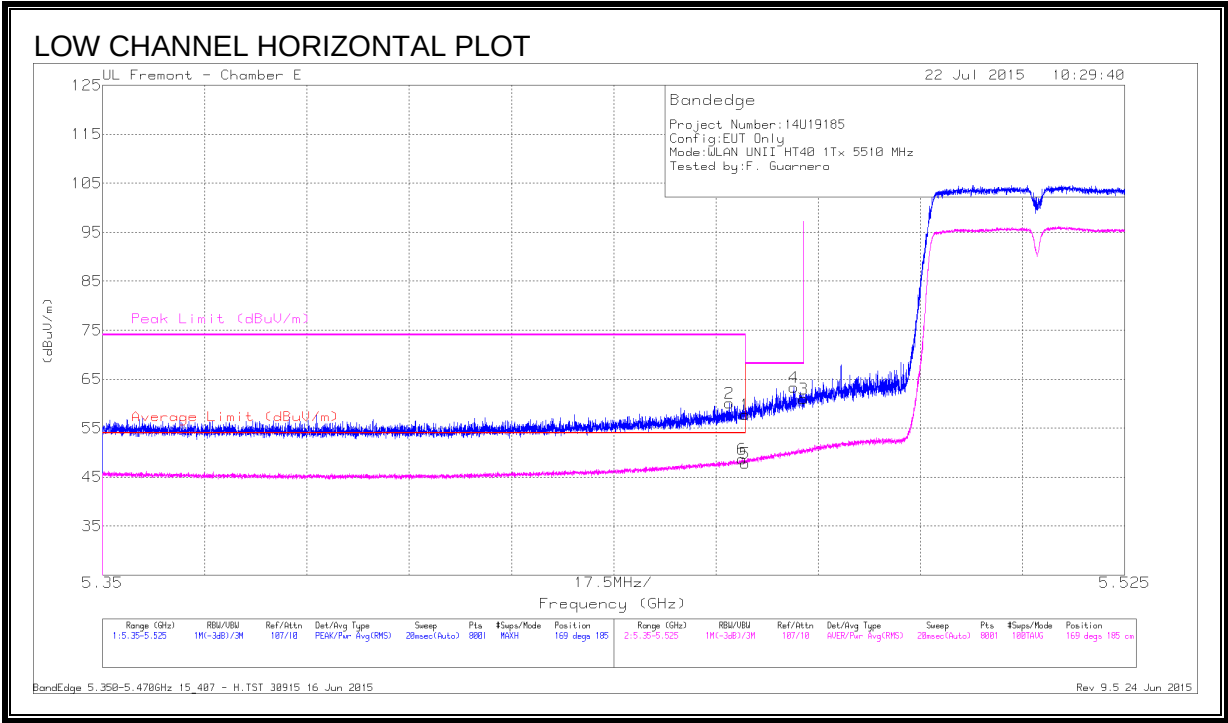
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cb/Fl tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.301         | 42.2                 | PK-U | 33.5           | -32.4                 | 43.3                       | -                  | -           | 74                  | -30.7          | -                            | -              | 309            | 223         | H        |
|        | * 4.299         | 30.67                | ADR  | 33.5           | -32.4                 | 31.77                      | 54                 | -22.23      | -                   | -              | -                            | -              | 309            | 223         | H        |
| 2      | * 4.762         | 44.15                | PK-U | 34             | -32.2                 | 45.95                      | -                  | -           | 74                  | -28.05         | -                            | -              | 338            | 214         | H        |
|        | * 4.764         | 32.4                 | ADR  | 34             | -32.2                 | 34.2                       | 54                 | -19.8       | -                   | -              | -                            | -              | 338            | 214         | H        |
| 3      | 6.462           | 43.41                | PK-U | 35.8           | -31.3                 | 47.91                      | -                  | -           | -                   | -              | 68.2                         | -20.29         | 232            | 103         | H        |
| 4      | * 3.881         | 42.29                | PK-U | 33.1           | -33                   | 42.39                      | -                  | -           | 74                  | -31.61         | -                            | -              | 69             | 183         | V        |
|        | * 3.882         | 30.72                | ADR  | 33.1           | -33                   | 30.82                      | 54                 | -23.18      | -                   | -              | -                            | -              | 69             | 183         | V        |
| 5      | 7.103           | 41.89                | PK-U | 35.6           | -31.2                 | 46.29                      | -                  | -           | -                   | -              | 68.2                         | -21.91         | 6              | 118         | V        |
| 6      | * 8.27          | 40.64                | PK-U | 35.7           | -29.2                 | 47.14                      | -                  | -           | 74                  | -26.86         | -                            | -              | 163            | 175         | V        |
|        | * 8.273         | 28.5                 | ADR  | 35.7           | -29.1                 | 35.1                       | 54                 | -18.9       | -                   | -              | -                            | -              | 163            | 175         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



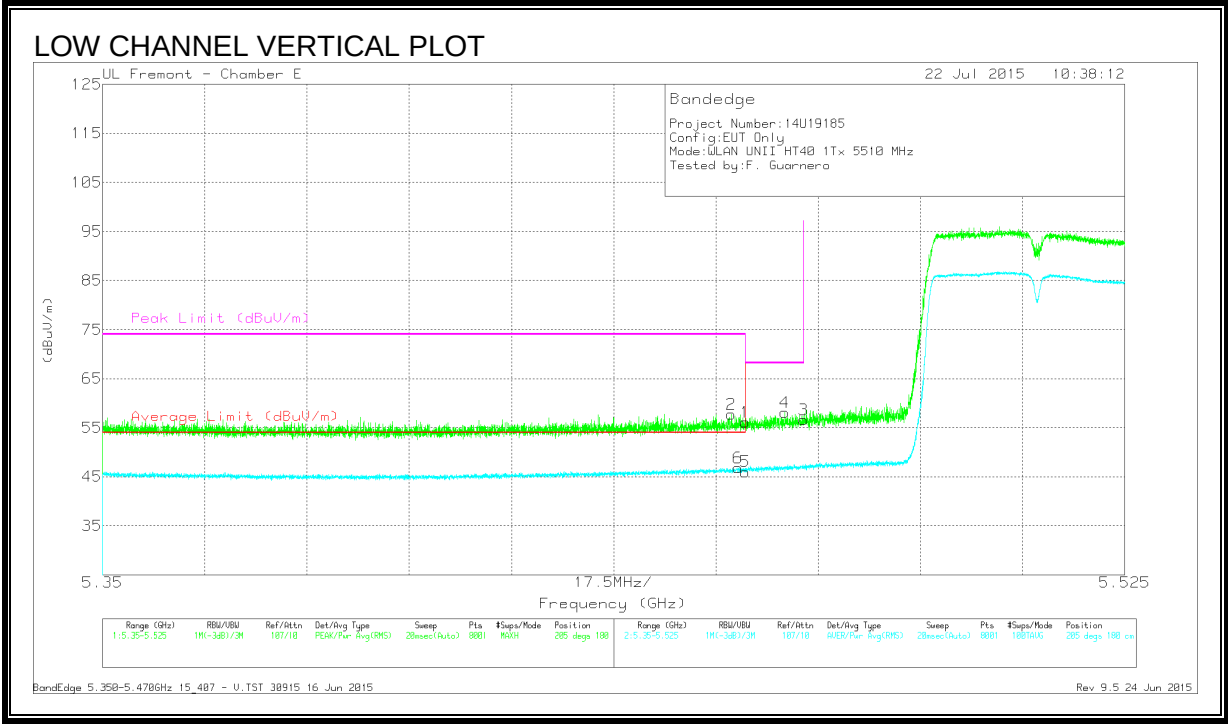
DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 44.46                | Pk  | 34.6           | -21.3                  | 57.76                      | -                      | -           | 74                  | -16.24         | 169            | 185         | H        |
| 2      | * 5.457         | 46.92                | Pk  | 34.6           | -21.4                  | 60.12                      | -                      | -           | 74                  | -13.88         | 169            | 185         | H        |
| 3      | 5.47            | 47.71                | Pk  | 34.6           | -21.3                  | 61.01                      | -                      | -           | 68.2                | -7.19          | 169            | 185         | H        |
| 4      | 5.468           | 50.04                | Pk  | 34.6           | -21.3                  | 63.34                      | -                      | -           | 68.2                | -4.86          | 169            | 185         | H        |
| 5      | * 5.46          | 34.52                | RMS | 34.6           | -21.3                  | 47.82                      | 54                     | -6.18       | -                   | -              | 169            | 185         | H        |
| 6      | * 5.459         | 35.39                | RMS | 34.6           | -21.3                  | 48.69                      | 54                     | -5.31       | -                   | -              | 169            | 185         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



**DATA**

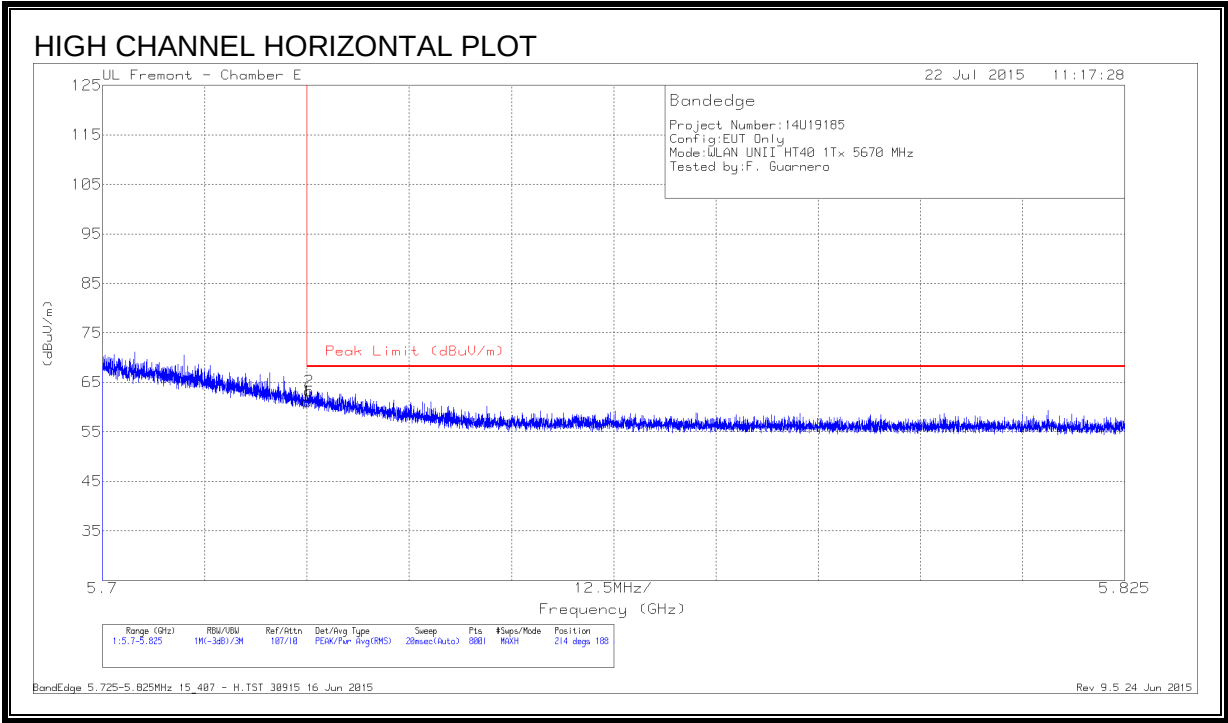
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 42.77                | Pk  | 34.6           | -21.3                  | 56.07                      | -                      | -           | 74                  | -17.93         | 205            | 180         | V        |
| 2      | * 5.458         | 44.57                | Pk  | 34.6           | -21.4                  | 57.77                      | -                      | -           | 74                  | -16.23         | 205            | 180         | V        |
| 3      | 5.47            | 43.27                | Pk  | 34.6           | -21.3                  | 56.57                      | -                      | -           | 68.2                | -11.63         | 205            | 180         | V        |
| 4      | 5.467           | 44.84                | Pk  | 34.6           | -21.3                  | 58.14                      | -                      | -           | 68.2                | -10.06         | 205            | 180         | V        |
| 5      | * 5.46          | 32.71                | RMS | 34.6           | -21.3                  | 46.01                      | 54                     | -7.99       | -                   | -              | 205            | 180         | V        |
| 6      | * 5.459         | 33.63                | RMS | 34.6           | -21.4                  | 46.83                      | 54                     | -7.17       | -                   | -              | 205            | 180         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

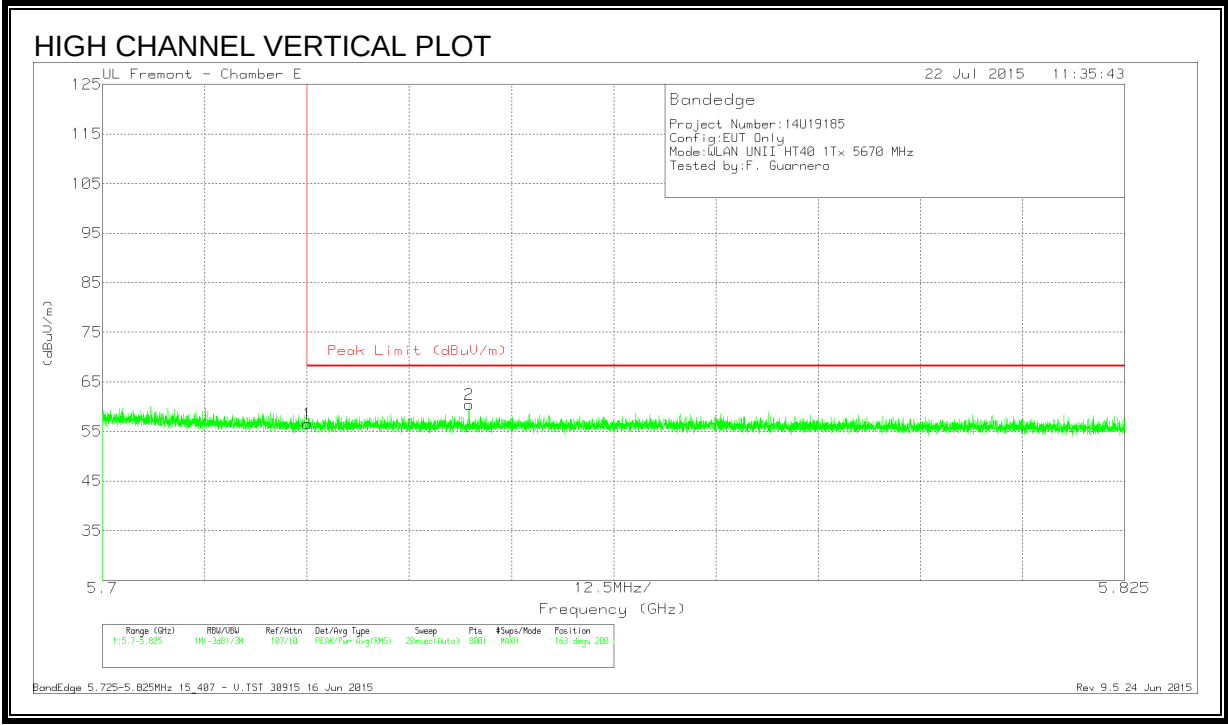
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | 47.47                | Pk  | 34.7           | -21                    | 61.17                      | 68.2                | -7.03          | 214            | 188         | H        |
| 2      | 5.725           | 49.61                | Pk  | 34.7           | -21                    | 63.31                      | 68.2                | -4.89          | 214            | 188         | H        |

Pk - Peak detector

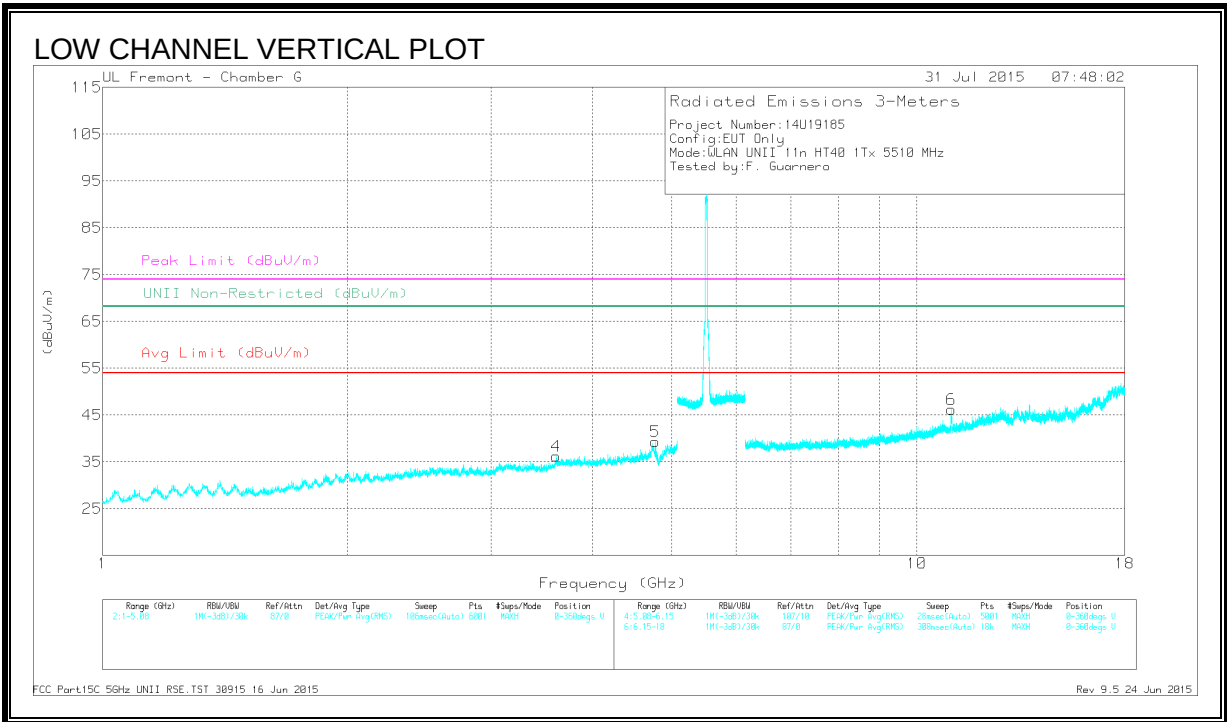
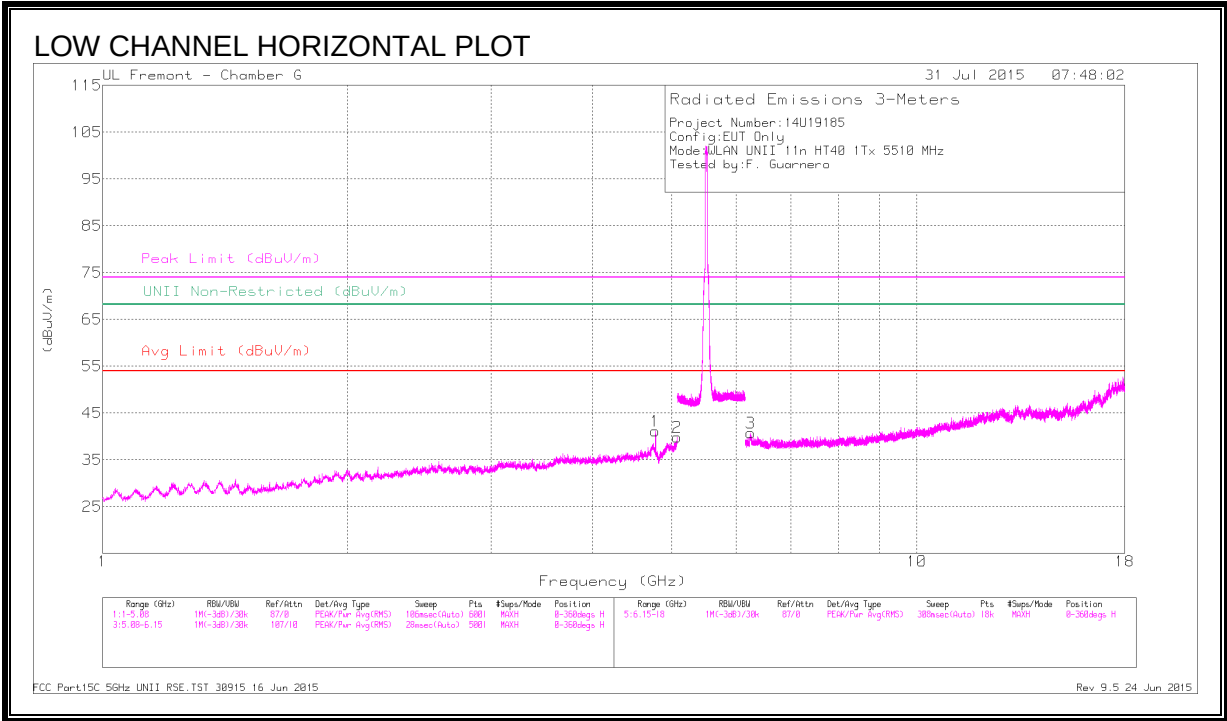


DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | 42.79                | Pk  | 34.7           | -21                    | 56.49                      | 68.2                | -11.71         | 163            | 200         | V        |
| 2      | 5.745           | 46.5                 | Pk  | 34.8           | -20.9                  | 60.4                       | 68.2                | -7.8           | 163            | 200         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



**DATA**

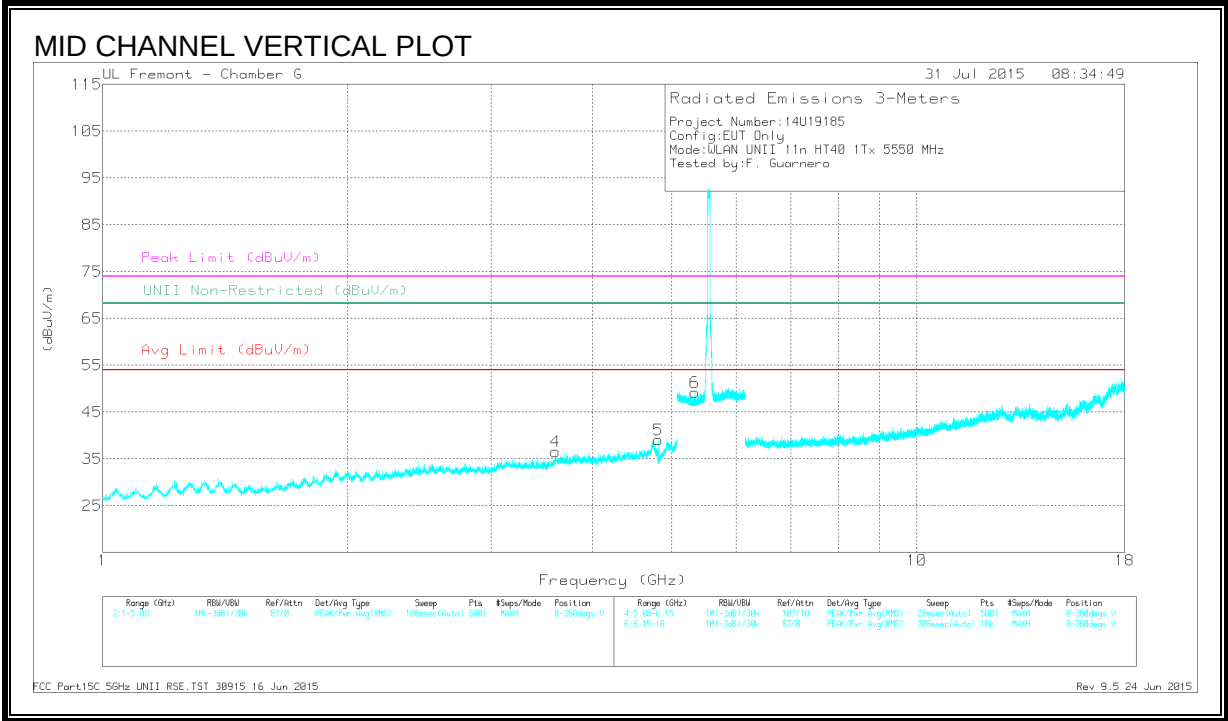
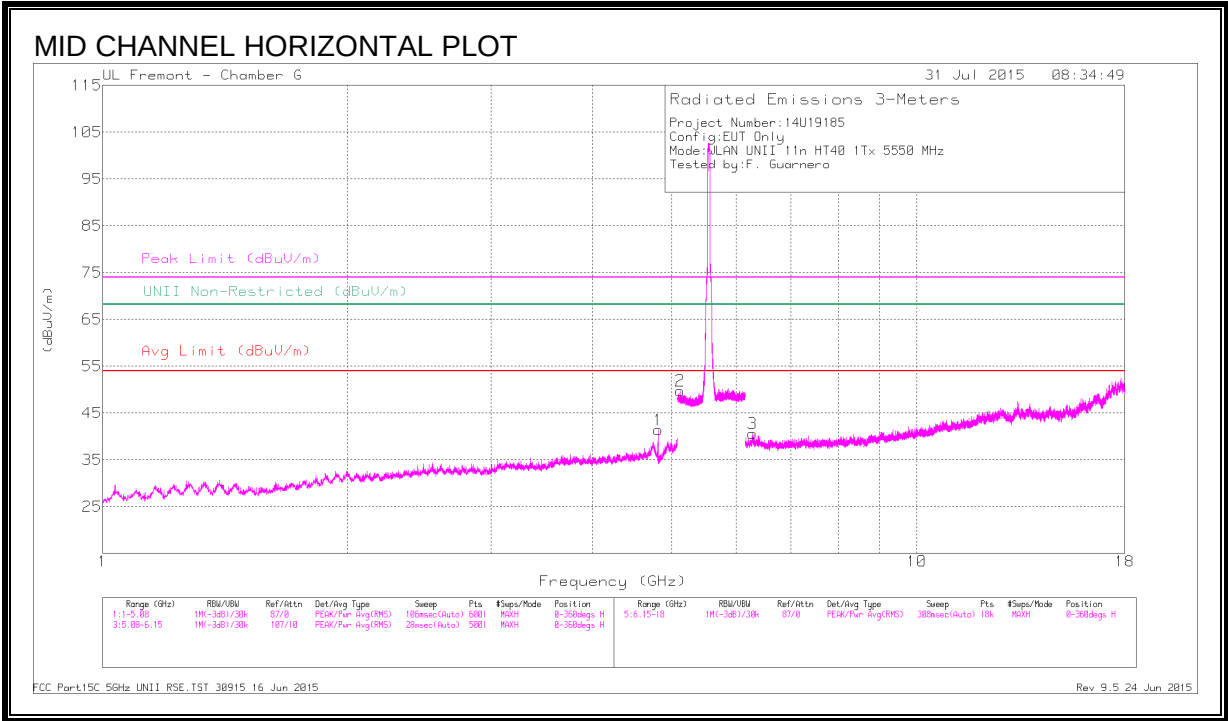
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Ftr /Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.775         | 47.55                | PK-U | 34             | -32.3                 | 49.25                      | -                  | -           | 74                  | -24.75         | -                            | -              | 222            | 173         | H        |
|        | * 4.775         | 40.17                | ADR  | 34             | -32.3                 | 41.87                      | 54                 | -12.13      | -                   | -              | -                            | -              | 222            | 173         | H        |
| 2      | * 5.075         | 41.6                 | PK-U | 34.2           | -29.9                 | 45.9                       | -                  | -           | 74                  | -28.1          | -                            | -              | 192            | 100         | H        |
|        | * 5.074         | 29.76                | ADR  | 34.2           | -30                   | 33.96                      | 54                 | -20.04      | -                   | -              | -                            | -              | 192            | 100         | H        |
| 3      | 6.243           | 43.62                | PK-U | 35.6           | -31.6                 | 47.62                      | -                  | -           | -                   | -              | 68.2                         | -20.58         | 219            | 146         | H        |
| 4      | * 3.609         | 42.56                | PK-U | 33.1           | -32.8                 | 42.86                      | -                  | -           | 74                  | -31.14         | -                            | -              | 355            | 209         | V        |
|        | * 3.609         | 30.83                | ADR  | 33.1           | -32.8                 | 31.13                      | 54                 | -22.87      | -                   | -              | -                            | -              | 355            | 209         | V        |
| 5      | * 4.775         | 45.99                | PK-U | 34             | -32.3                 | 47.69                      | -                  | -           | 74                  | -26.31         | -                            | -              | 201            | 189         | V        |
|        | * 4.775         | 36.97                | ADR  | 34             | -32.3                 | 38.67                      | 54                 | -15.33      | -                   | -              | -                            | -              | 201            | 189         | V        |
| 6      | * 11.023        | 42.39                | PK-U | 37.9           | -26.4                 | 53.89                      | -                  | -           | 74                  | -20.11         | -                            | -              | 197            | 158         | V        |
|        | * 11.02         | 30.32                | ADR  | 37.9           | -26.6                 | 41.62                      | 54                 | -12.38      | -                   | -              | -                            | -              | 197            | 158         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

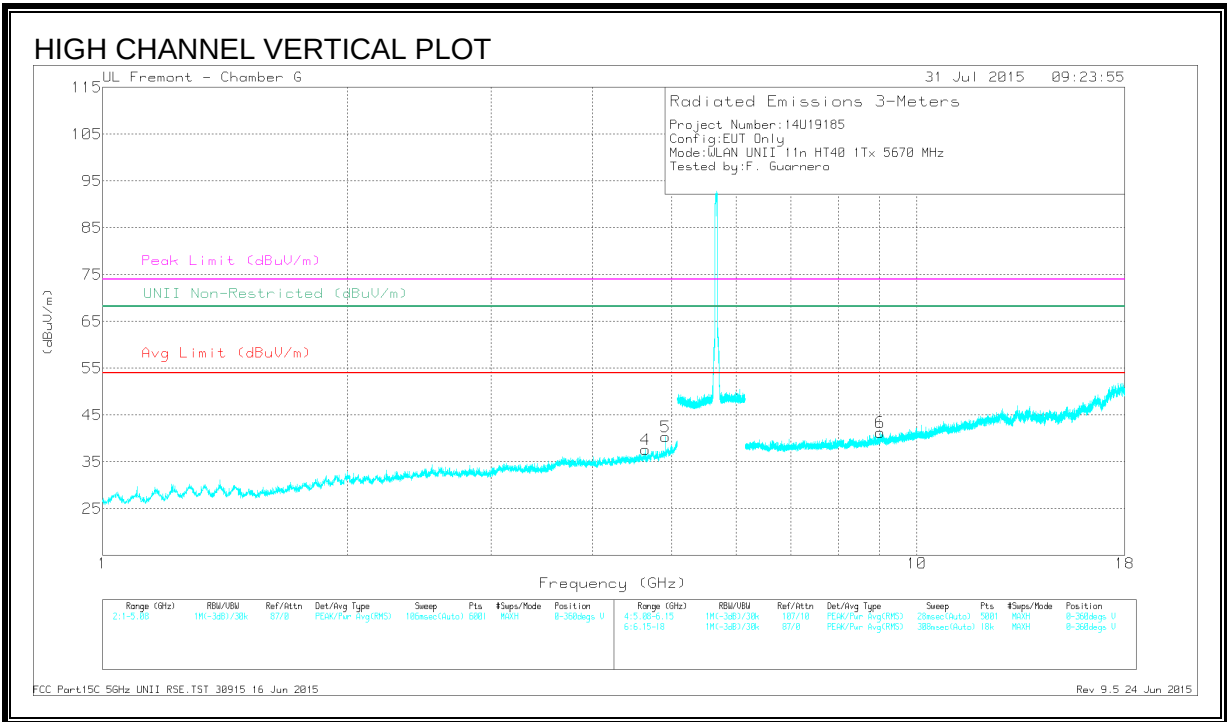
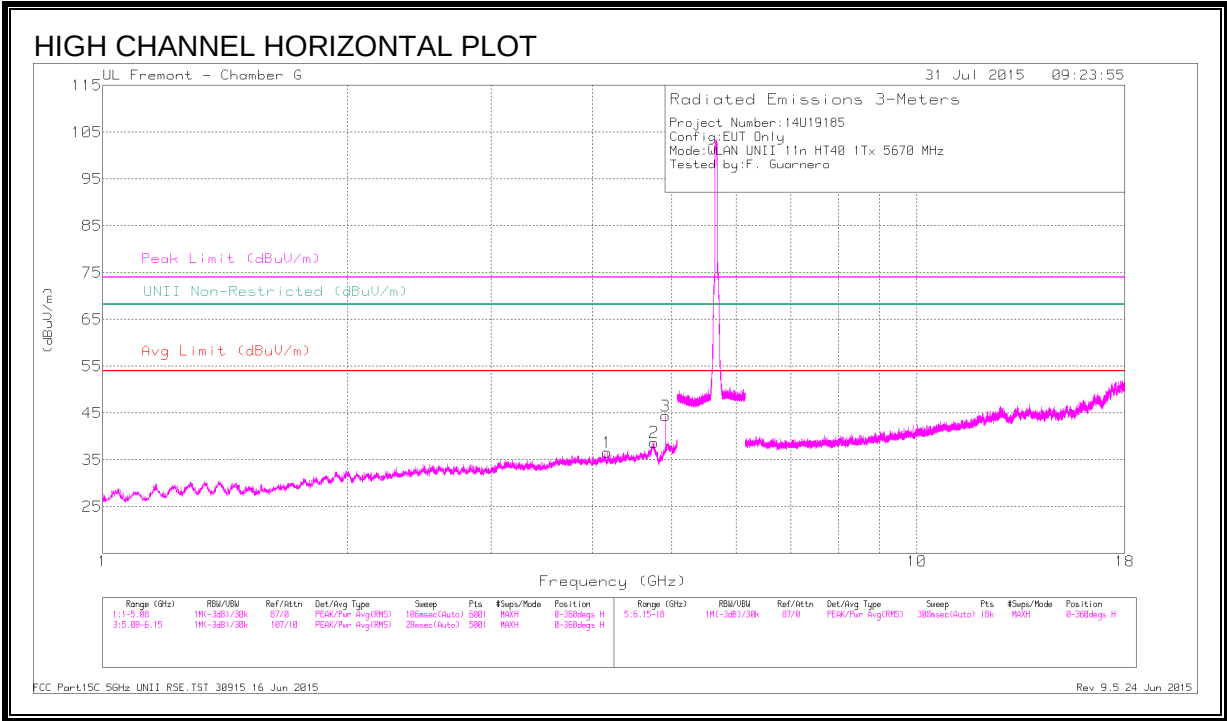
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Ftr /Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.81          | 47.36                | PK-U | 34             | -32.3                 | 49.06                      | -                  | -           | 74                  | -24.94         | -                            | -              | 210            | 141         | H        |
|        | * 4.81          | 41.26                | ADR  | 34             | -32.3                 | 42.96                      | 54                 | -11.04      | -                   | -              | -                            | -              | 210            | 141         | H        |
| 2      | * 5.125         | 44.49                | PK-U | 34.3           | -23.1                 | 55.69                      | -                  | -           | 74                  | -18.31         | -                            | -              | 151            | 184         | H        |
|        | * 5.122         | 32.48                | ADR  | 34.3           | -23.1                 | 43.68                      | 54                 | -10.32      | -                   | -              | -                            | -              | 151            | 184         | H        |
| 3      | 6.284           | 43.25                | PK-U | 35.7           | -31.5                 | 47.45                      | -                  | -           | -                   | -              | 68.2                         | -20.75         | 203            | 170         | H        |
| 4      | * 3.602         | 42.36                | PK-U | 33.1           | -32.8                 | 42.66                      | -                  | -           | 74                  | -31.34         | -                            | -              | 265            | 212         | V        |
|        | * 3.6           | 30.58                | ADR  | 33.1           | -32.8                 | 30.88                      | 54                 | -23.12      | -                   | -              | -                            | -              | 265            | 212         | V        |
| 5      | * 4.81          | 44.9                 | PK-U | 34             | -32.3                 | 46.6                       | -                  | -           | 74                  | -27.4          | -                            | -              | 227            | 164         | V        |
|        | * 4.81          | 37.35                | ADR  | 34             | -32.3                 | 39.05                      | 54                 | -14.95      | -                   | -              | -                            | -              | 227            | 164         | V        |
| 6      | 5.338           | 44.08                | PK-U | 34.4           | -23.1                 | 55.38                      | -                  | -           | -                   | -              | 68.2                         | -12.82         | 342            | 108         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

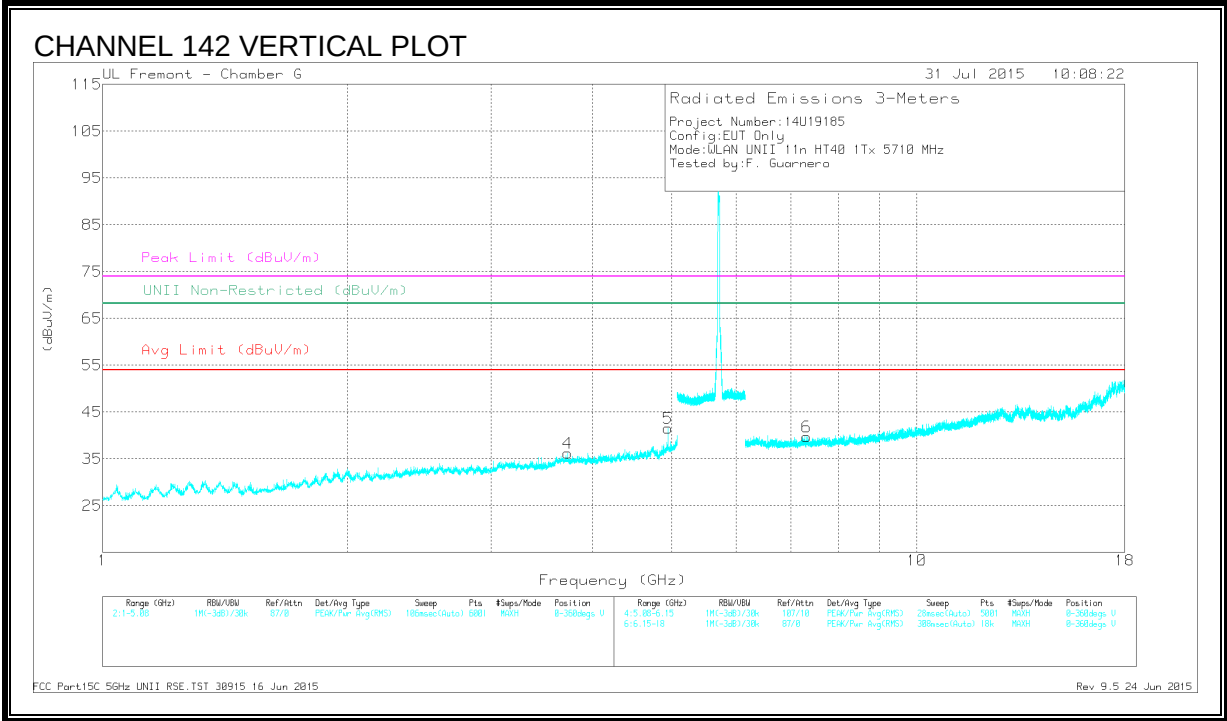
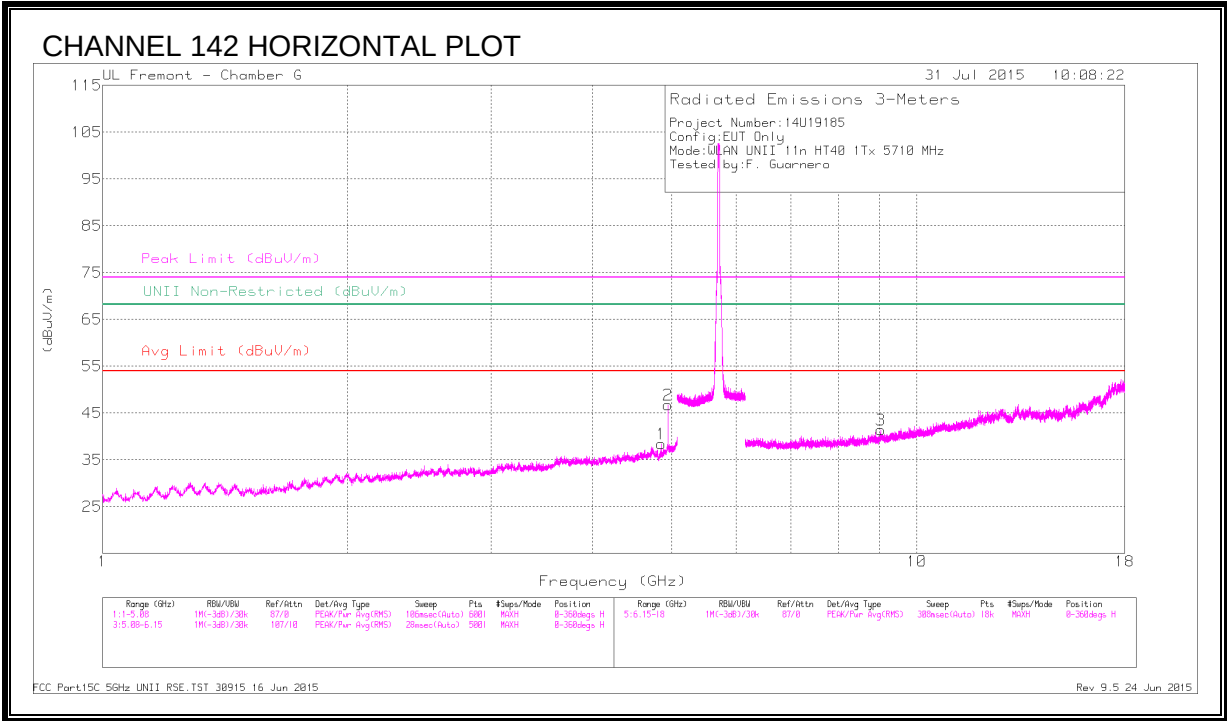
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Ftr /Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1       | * 4.17          | 42                   | PK-U | 33.3           | -32.7                 | 42.6                       | -                  | -           | 74                  | -31.4          | -                            | -              | 139            | 189         | H        |
|         | * 4.168         | 30.38                | ADR  | 33.3           | -32.7                 | 30.98                      | 54                 | -23.02      | -                   | -              | -                            | -              | 139            | 189         | H        |
| 2       | * 4.753         | 44.06                | PK-U | 33.9           | -32.1                 | 45.86                      | -                  | -           | 74                  | -28.14         | -                            | -              | 218            | 145         | H        |
|         | * 4.753         | 32.49                | ADR  | 33.9           | -32.1                 | 34.29                      | 54                 | -19.71      | -                   | -              | -                            | -              | 218            | 145         | H        |
| 3       | * 4.914         | 47.04                | PK-U | 34.1           | -31.4                 | 49.74                      | -                  | -           | 74                  | -24.26         | -                            | -              | 149            | 101         | H        |
|         | * 4.914         | 40.9                 | ADR  | 34.1           | -31.4                 | 43.6                       | 54                 | -10.4       | -                   | -              | -                            | -              | 149            | 101         | H        |
| 4       | * 4.64          | 42.86                | PK-U | 33.8           | -32.3                 | 44.36                      | -                  | -           | 74                  | -29.64         | -                            | -              | 8              | 225         | V        |
|         | * 4.639         | 30.62                | ADR  | 33.8           | -32.3                 | 32.12                      | 54                 | -21.88      | -                   | -              | -                            | -              | 8              | 225         | V        |
| 5       | * 4.915         | 43.94                | PK-U | 34.1           | -31.4                 | 46.64                      | -                  | -           | 74                  | -27.36         | -                            | -              | 197            | 177         | V        |
|         | * 4.914         | 36.27                | ADR  | 34.1           | -31.4                 | 38.97                      | 54                 | -15.03      | -                   | -              | -                            | -              | 197            | 177         | V        |
| 6       | * 9.02          | 39.88                | PK-U | 36.2           | -28.7                 | 47.38                      | -                  | -           | 74                  | -26.62         | -                            | -              | 217            | 204         | V        |
|         | * 9.022         | 28.88                | ADR  | 36.2           | -28.6                 | 36.48                      | 54                 | -17.52      | -                   | -              | -                            | -              | 217            | 204         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/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      | * 4.856         | 39.51                | PK-U | 34             | -31.8                  | 41.71                      | -                  | -           | 74                  | -32.29         | -                            | -              | 145            | 202         | H        |
|        | * 4.852         | 28.26                | ADR  | 34             | -31.8                  | 30.46                      | 54                 | -23.54      | -                   | -              | -                            | -              | 145            | 202         | H        |
| 2      | * 4.949         | 48.5                 | PK-U | 34.1           | -31.2                  | 51.4                       | -                  | -           | 74                  | -22.6          | -                            | -              | 150            | 101         | H        |
|        | * 4.949         | 43.71                | ADR  | 34.1           | -31.2                  | 46.61                      | 54                 | -7.39       | -                   | -              | -                            | -              | 150            | 101         | H        |
| 3      | * 9.03          | 40.78                | PK-U | 36.2           | -28.4                  | 48.58                      | -                  | -           | 74                  | -25.42         | -                            | -              | 333            | 132         | H        |
|        | * 9.03          | 28                   | ADR  | 36.2           | -28.4                  | 35.8                       | 54                 | -18.2       | -                   | -              | -                            | -              | 333            | 132         | H        |
| 4      | * 3.725         | 42.47                | PK-U | 33             | -32.9                  | 42.57                      | -                  | -           | 74                  | -31.43         | -                            | -              | 10             | 140         | V        |
|        | * 3.726         | 30.45                | ADR  | 33             | -32.9                  | 30.55                      | 54                 | -23.45      | -                   | -              | -                            | -              | 10             | 140         | V        |
| 5      | * 4.948         | 46.15                | PK-U | 34.1           | -31.2                  | 49.05                      | -                  | -           | 74                  | -24.95         | -                            | -              | 223            | 164         | V        |
|        | * 4.949         | 38.75                | ADR  | 34.1           | -31.2                  | 41.65                      | 54                 | -12.35      | -                   | -              | -                            | -              | 223            | 164         | V        |
| 6      | * 7.327         | 41.75                | PK-U | 35.6           | -31                    | 46.35                      | -                  | -           | 74                  | -27.65         | -                            | -              | 270            | 267         | V        |
|        | * 7.324         | 30.33                | ADR  | 35.6           | -31                    | 34.93                      | 54                 | -19.07      | -                   | -              | -                            | -              | 270            | 267         | V        |

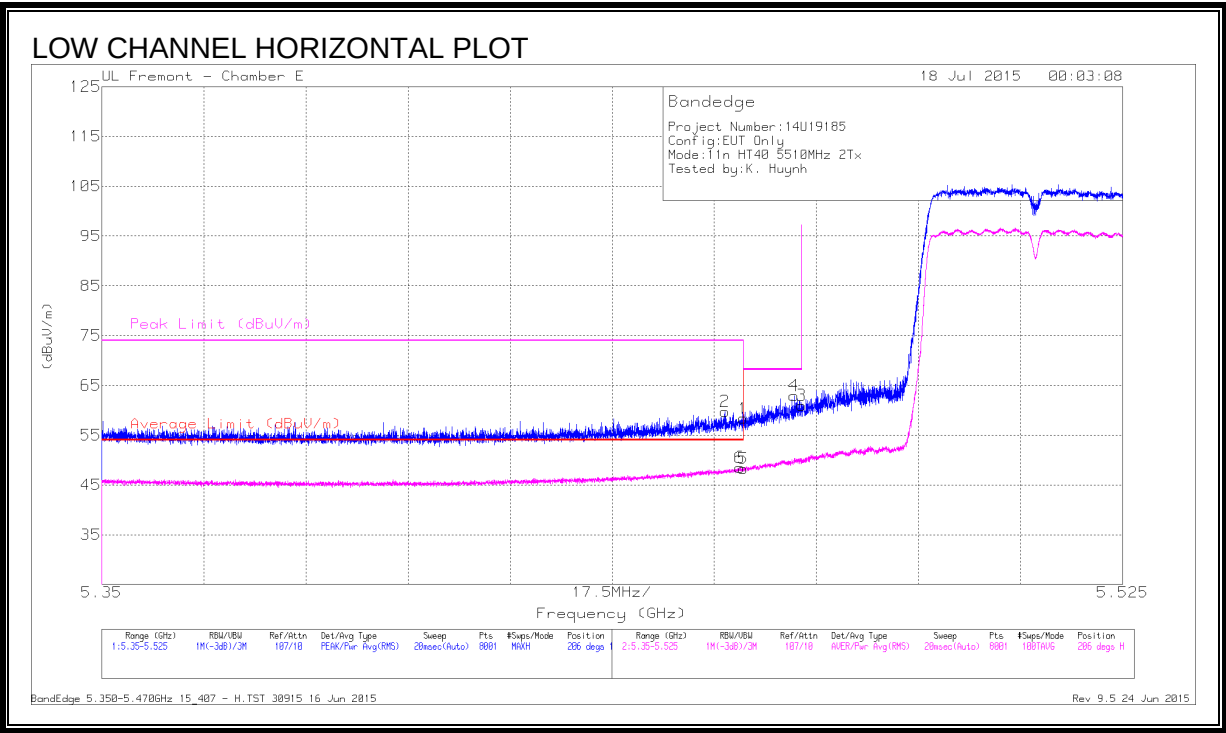
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.17. 802.11n HT40 2Tx CDD MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



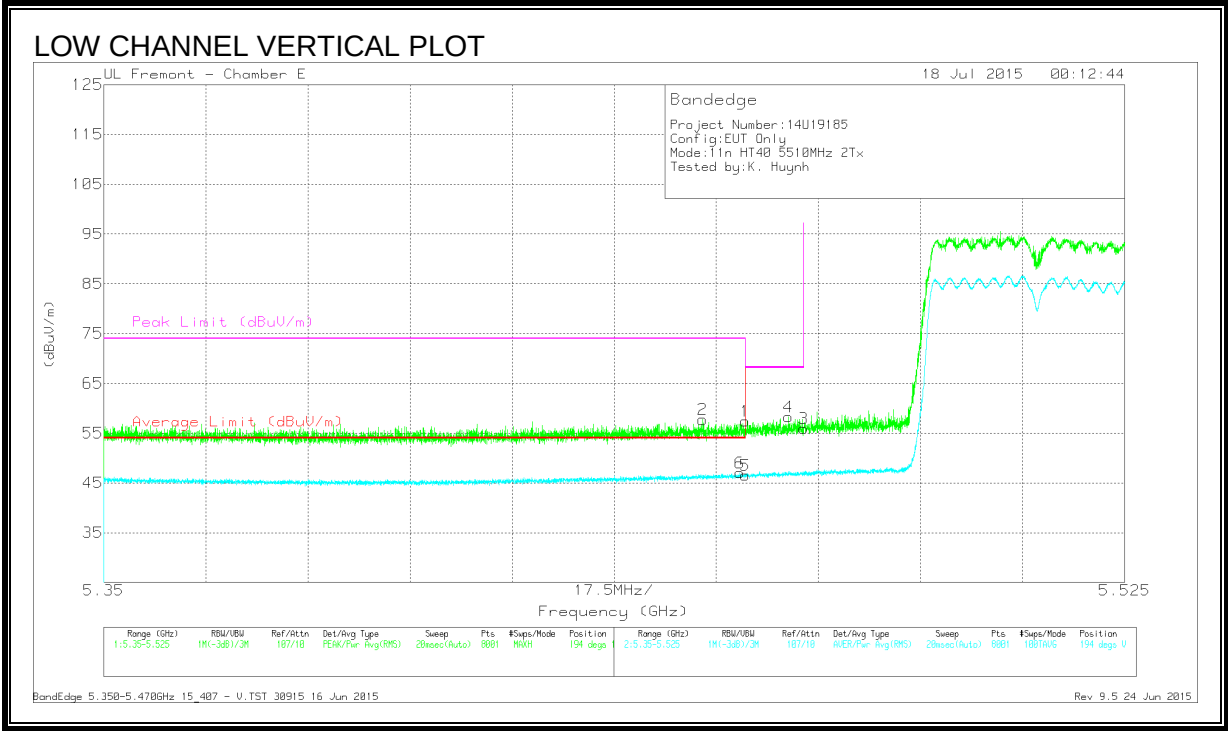
DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 45.09                | Pk  | 34.6           | -21.3                  | 58.39                      | -                      | -           | 74                  | -15.61         | 206            | 176         | H        |
| 2      | * 5.457         | 46.58                | Pk  | 34.6           | -21.4                  | 59.78                      | -                      | -           | 74                  | -14.22         | 206            | 176         | H        |
| 3      | 5.47            | 47.69                | Pk  | 34.6           | -21.3                  | 60.99                      | -                      | -           | 68.2                | -7.21          | 206            | 176         | H        |
| 4      | 5.469           | 49.66                | Pk  | 34.6           | -21.3                  | 62.96                      | -                      | -           | 68.2                | -5.24          | 206            | 176         | H        |
| 5      | * 5.46          | 35.01                | RMS | 34.6           | -21.3                  | 48.31                      | 54                     | -5.69       | -                   | -              | 206            | 176         | H        |
| 6      | * 5.459         | 35.23                | RMS | 34.6           | -21.3                  | 48.53                      | 54                     | -5.47       | -                   | -              | 206            | 176         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



DATA

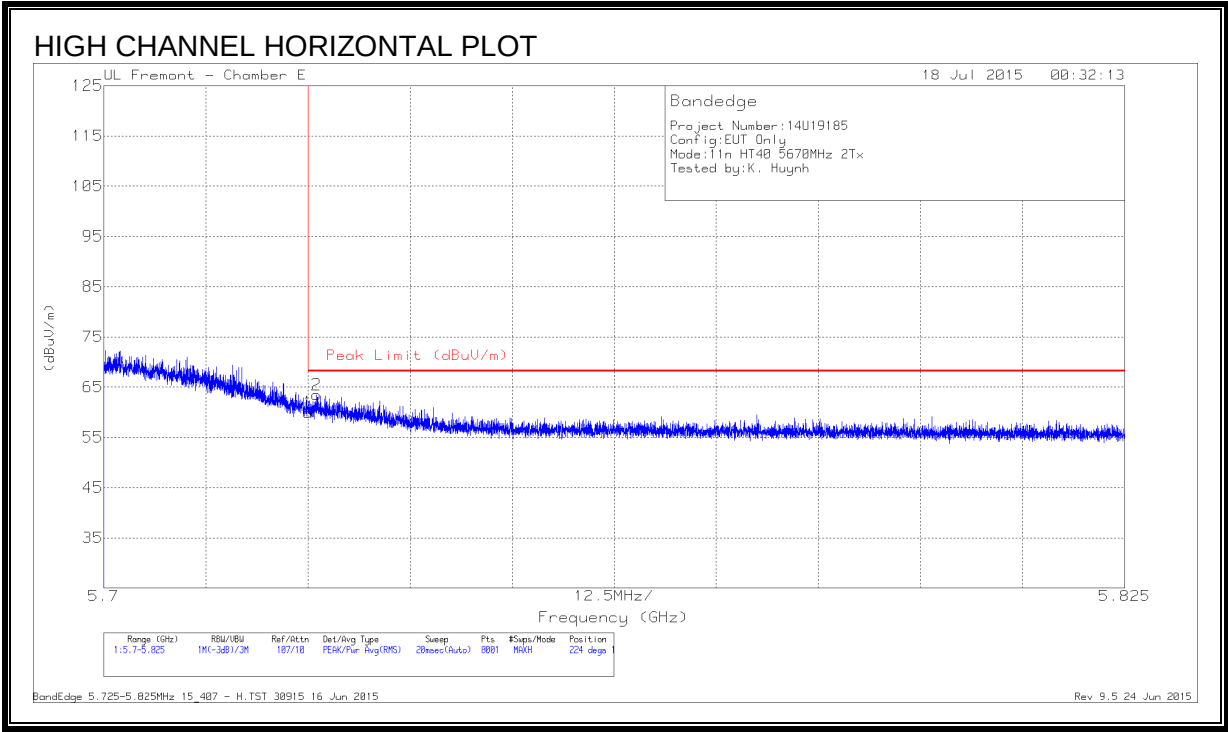
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 44.12                | Pk  | 34.6           | -21.3                  | 57.42                      | -                      | -           | 74                  | -16.58         | 194            | 157         | V        |
| 2      | * 5.453         | 44.53                | Pk  | 34.6           | -21.4                  | 57.73                      | -                      | -           | 74                  | -16.27         | 194            | 157         | V        |
| 3      | 5.47            | 42.65                | Pk  | 34.6           | -21.3                  | 55.95                      | -                      | -           | 68.2                | -12.25         | 194            | 157         | V        |
| 4      | 5.467           | 44.96                | Pk  | 34.6           | -21.3                  | 58.26                      | -                      | -           | 68.2                | -9.94          | 194            | 157         | V        |
| 5      | * 5.46          | 33.23                | RMS | 34.6           | -21.3                  | 46.53                      | 54                     | -7.47       | -                   | -              | 194            | 157         | V        |
| 6      | * 5.459         | 33.81                | RMS | 34.6           | -21.4                  | 47.01                      | 54                     | -6.99       | -                   | -              | 194            | 157         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

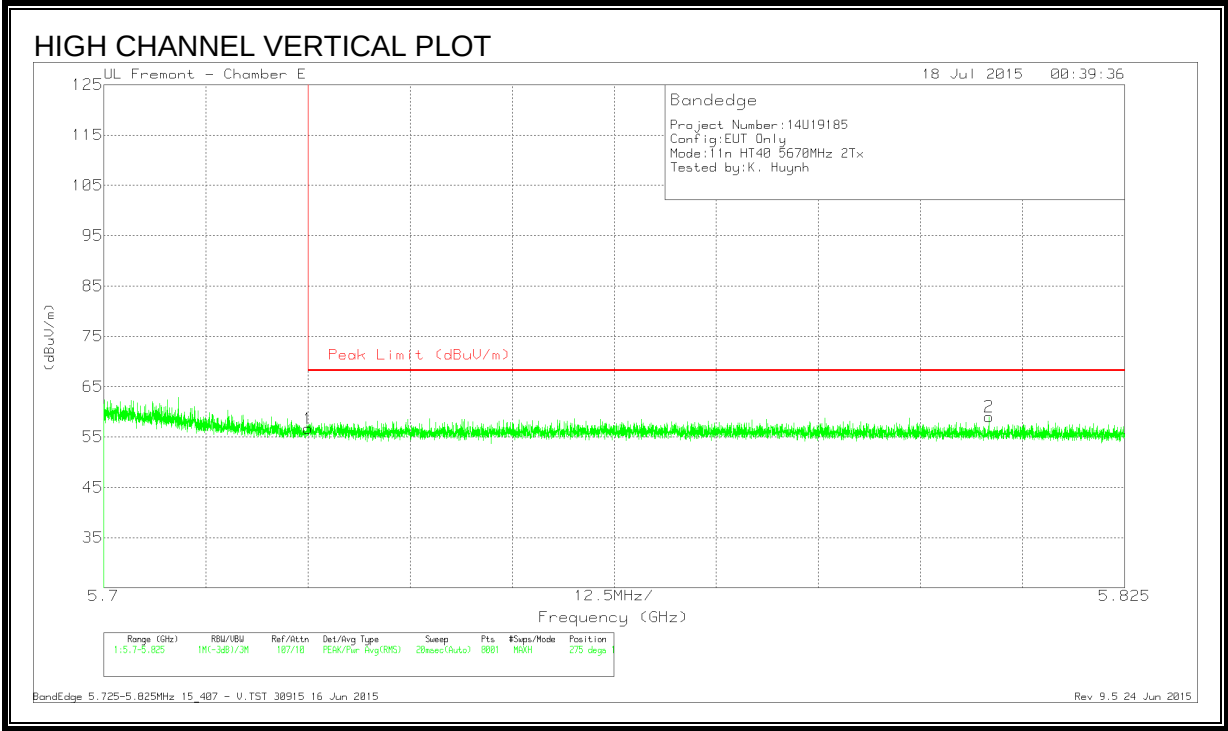
**RESTRICTED BANDEDGE (HIGH CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | 46.28                | Pk  | 34.7           | -21                    | 59.98                      | 68.2                | -8.22          | 224            | 174         | H        |
| 2      | 5.726           | 49.68                | Pk  | 34.7           | -20.9                  | 63.48                      | 68.2                | -4.72          | 224            | 174         | H        |

Pk - Peak detector

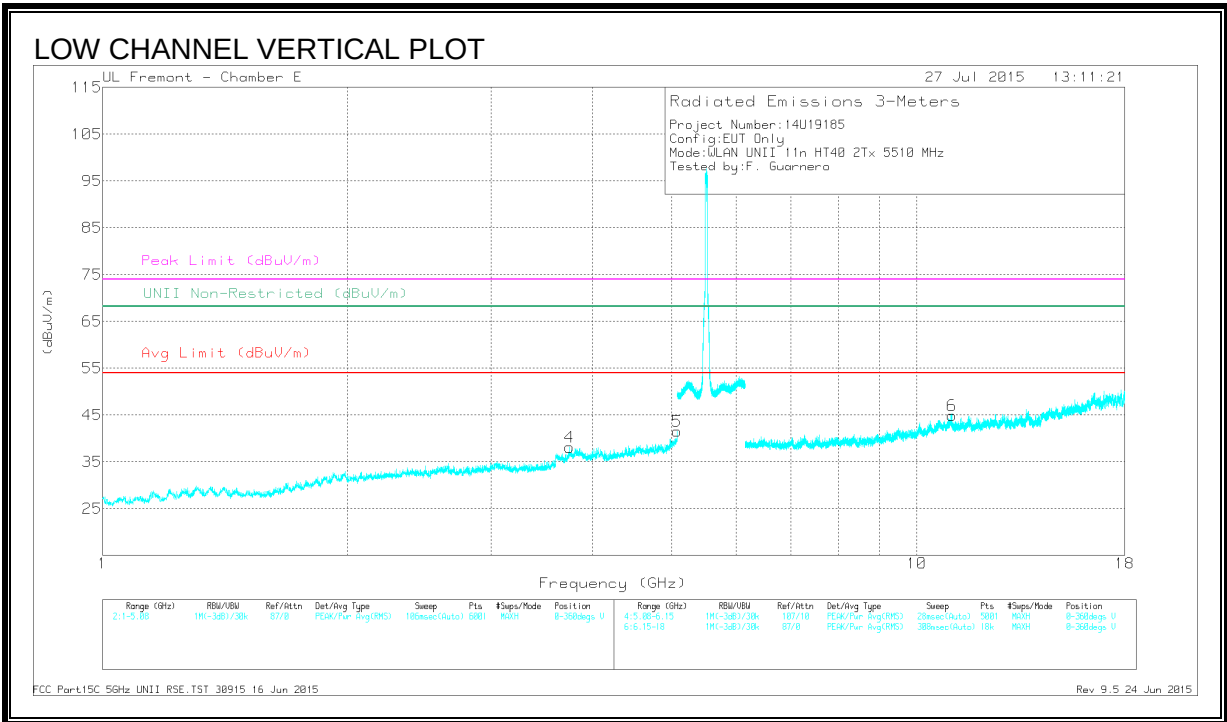
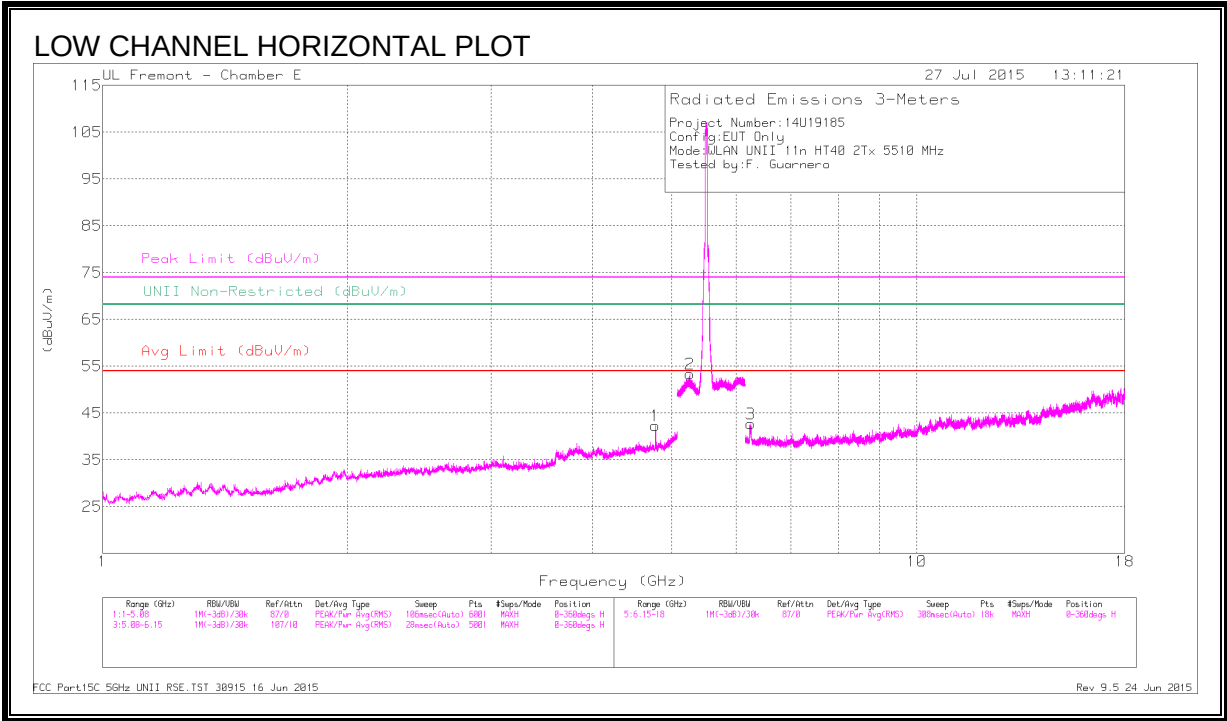


DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Ftr r/Pad (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | 42.96                | Pk  | 34.7           | -21                    | 56.66                      | 68.2                | -11.54         | 275            | 192         | V        |
| 2      | 5.808           | 45.13                | Pk  | 34.9           | -21                    | 59.03                      | 68.2                | -9.17          | 275            | 192         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

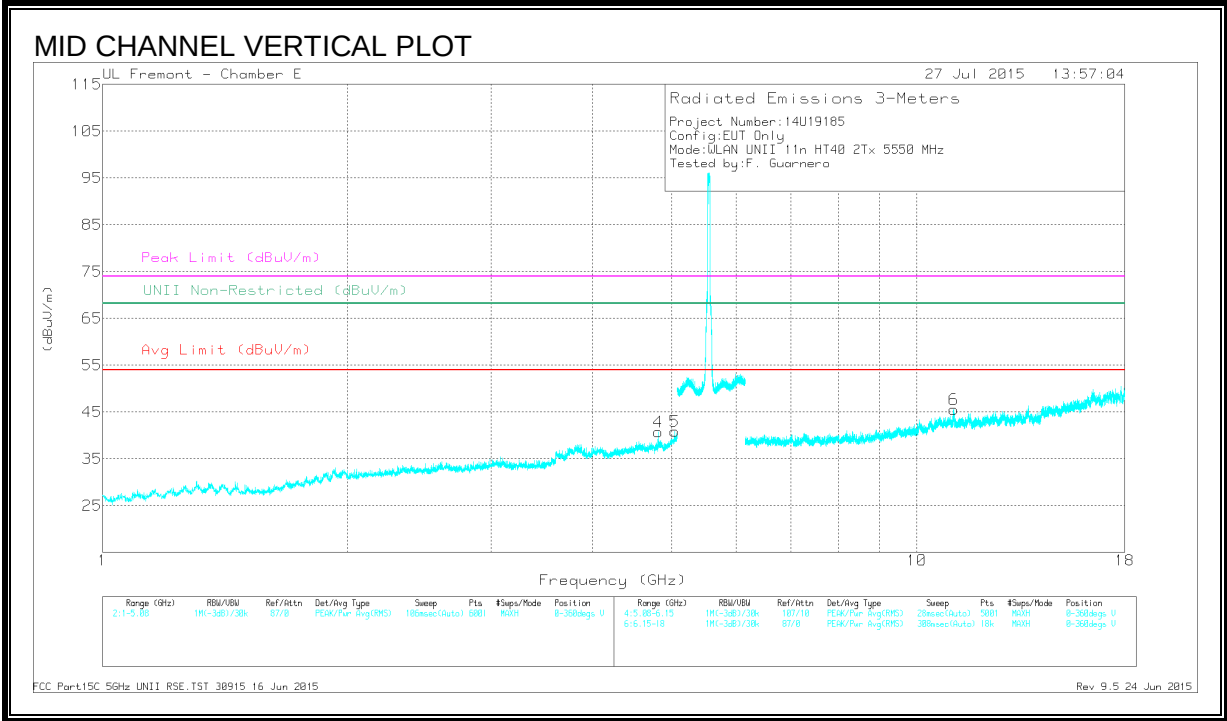
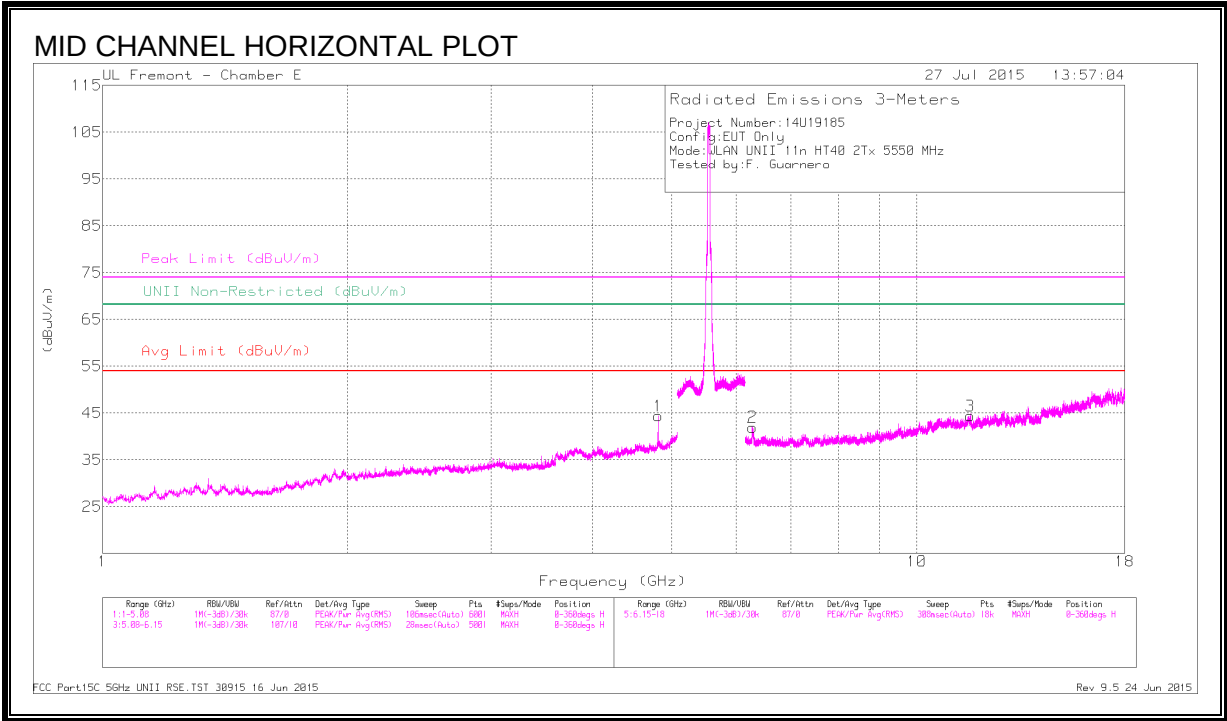
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.776         | 45.06                | PK-U | 34.1           | -30.6                  | 48.56                      | -                  | -           | 74                  | -25.44         | -                            | -              | 214            | 198         | H        |
|        | * 4.775         | 36.82                | ADR  | 34.1           | -30.6                  | 40.32                      | 54                 | -13.68      | -                   | -              | -                            | -              | 214            | 198         | H        |
| 2      | 5.265           | 45.87                | PK-U | 34.5           | -21.3                  | 59.07                      | -                  | -           | -                   | -              | 68.2                         | -9.13          | 109            | 184         | H        |
| 3      | 6.247           | 44.02                | PK-U | 35.4           | -29.3                  | 50.12                      | -                  | -           | -                   | -              | 68.2                         | -18.08         | 229            | 121         | H        |
| 4      | * 3.741         | 42.69                | PK-U | 33.3           | -32.4                  | 43.59                      | -                  | -           | 74                  | -30.41         | -                            | -              | 293            | 226         | V        |
|        | * 3.742         | 31.19                | ADR  | 33.3           | -32.4                  | 32.09                      | 54                 | -21.91      | -                   | -              | -                            | -              | 293            | 226         | V        |
| 5      | * 5.078         | 41.43                | PK-U | 34.2           | -28                    | 47.63                      | -                  | -           | 74                  | -26.37         | -                            | -              | 285            | 250         | V        |
|        | * 5.079         | 29.6                 | ADR  | 34.2           | -27.9                  | 35.9                       | 54                 | -18.1       | -                   | -              | -                            | -              | 285            | 250         | V        |
| 6      | * 11.042        | 43.11                | PK-U | 37.9           | -24.3                  | 56.71                      | -                  | -           | 74                  | -17.29         | -                            | -              | 208            | 156         | V        |
|        | * 11.035        | 29.19                | ADR  | 37.9           | -24.2                  | 42.89                      | 54                 | -11.11      | -                   | -              | -                            | -              | 208            | 156         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

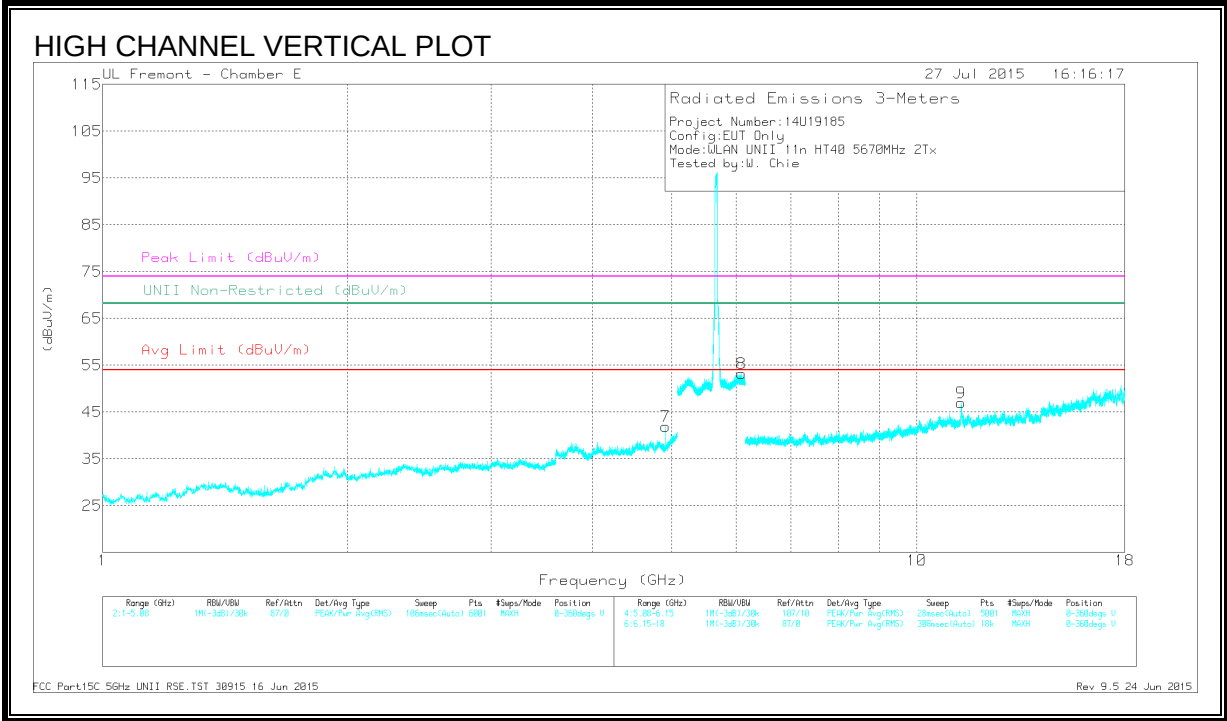
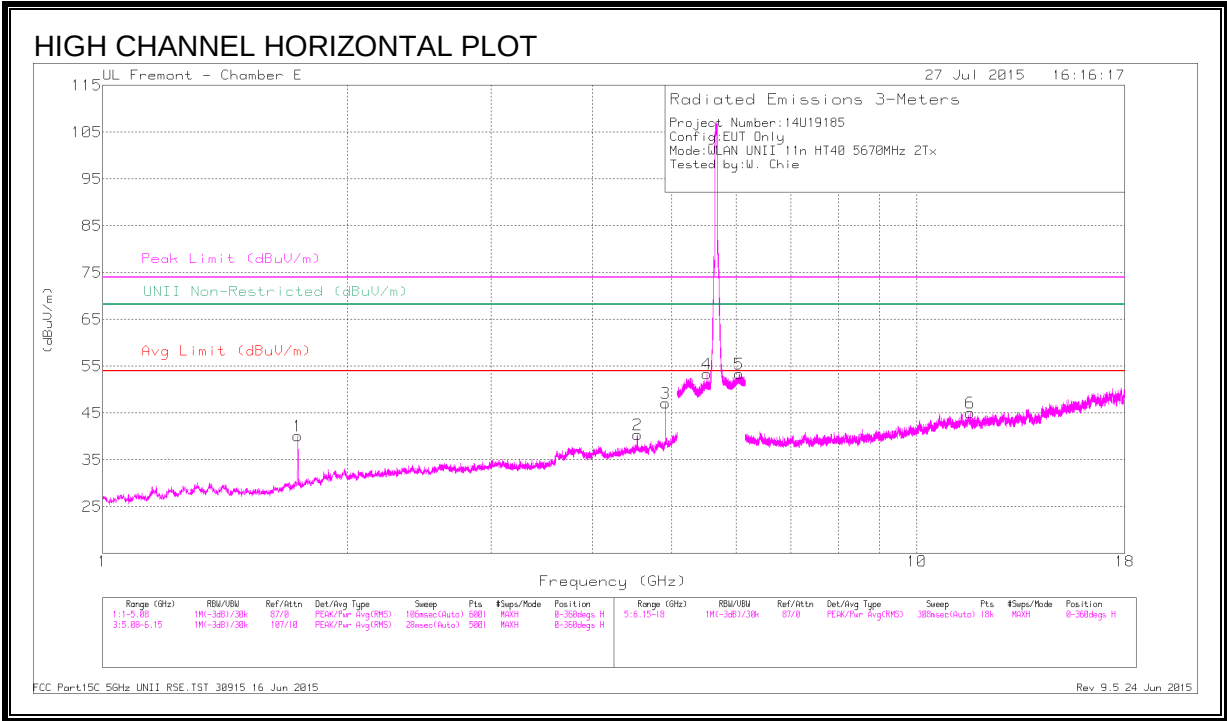
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.81          | 45.89                | PK-U | 34.1           | -30.1                  | 49.89                      | -                  | -           | 74                  | -24.11         | -                            | -              | 221            | 134         | H        |
|        | * 4.81          | 39.8                 | ADR  | 34.1           | -30.1                  | 43.8                       | 54                 | -10.2       | -                   | -              | -                            | -              | 221            | 134         | H        |
| 2      | 6.285           | 42.03                | PK-U | 35.4           | -29.2                  | 48.23                      | -                  | -           | -                   | -              | 68.2                         | -19.97         | 141            | 105         | H        |
| 3      | * 11.629        | 36.73                | PK-U | 38.2           | -24.4                  | 50.53                      | -                  | -           | 74                  | -23.47         | -                            | -              | 259            | 133         | H        |
|        | * 11.628        | 25.67                | ADR  | 38.2           | -24.4                  | 39.47                      | 54                 | -14.53      | -                   | -              | -                            | -              | 259            | 133         | H        |
| 4      | * 4.81          | 44.28                | PK-U | 34.1           | -30.1                  | 48.28                      | -                  | -           | 74                  | -25.72         | -                            | -              | 214            | 179         | V        |
|        | * 4.81          | 35.07                | ADR  | 34.1           | -30.1                  | 39.07                      | 54                 | -14.93      | -                   | -              | -                            | -              | 214            | 179         | V        |
| 5      | * 5.044         | 42.45                | PK-U | 34.2           | -29.3                  | 47.35                      | -                  | -           | 74                  | -26.65         | -                            | -              | 203            | 163         | V        |
|        | * 5.042         | 30.52                | ADR  | 34.2           | -29.3                  | 35.42                      | 54                 | -18.58      | -                   | -              | -                            | -              | 203            | 163         | V        |
| 6      | * 11.096        | 40.61                | PK-U | 37.9           | -25                    | 53.51                      | -                  | -           | 74                  | -20.49         | -                            | -              | 201            | 116         | V        |
|        | * 11.101        | 28.88                | ADR  | 37.9           | -25.1                  | 41.68                      | 54                 | -12.32      | -                   | -              | -                            | -              | 201            | 116         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

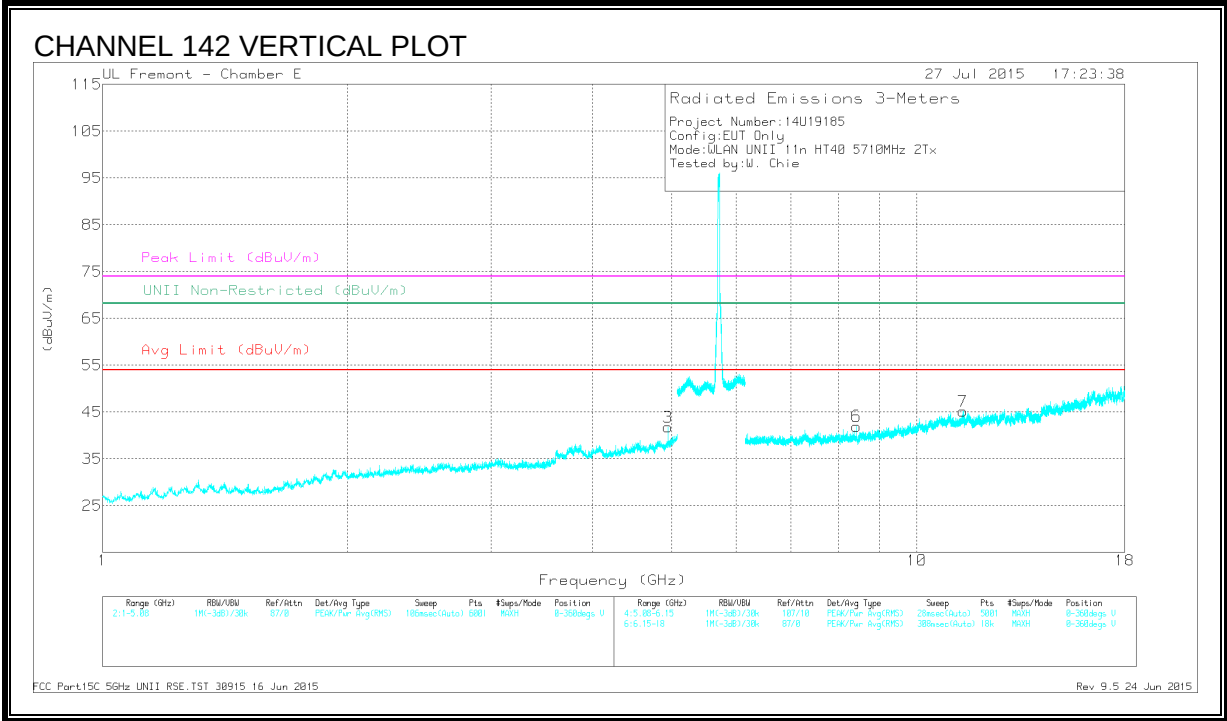
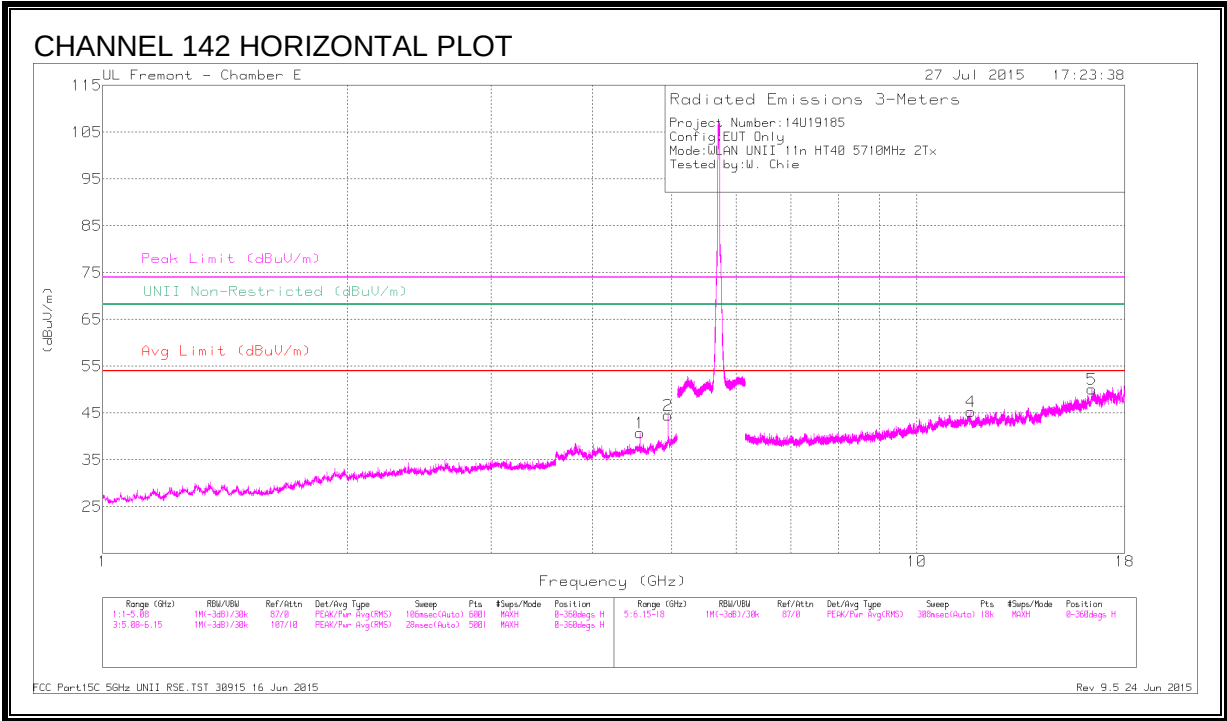
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/Fl tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2      | * 4.536         | 44.08                | PK-U | 34             | -30.3                 | 47.78                      | -                  | -           | 74                  | -26.22         | -                            | -              | 335            | 149         | H        |
|        | * 4.536         | 34.23                | ADR  | 34             | -30.3                 | 37.93                      | 54                 | -16.07      | -                   | -              | -                            | -              | 335            | 149         | H        |
| 3      | * 4.914         | 47.6                 | PK-U | 34.1           | -30.4                 | 51.3                       | -                  | -           | 74                  | -22.7          | -                            | -              | 30             | 113         | H        |
|        | * 4.914         | 41.79                | ADR  | 34.1           | -30.4                 | 45.49                      | 54                 | -8.51       | -                   | -              | -                            | -              | 30             | 113         | H        |
| 7      | * 4.914         | 44.6                 | PK-U | 34.1           | -30.4                 | 48.3                       | -                  | -           | 74                  | -25.7          | -                            | -              | 50             | 203         | V        |
|        | * 4.914         | 36.34                | ADR  | 34.1           | -30.4                 | 40.04                      | 54                 | -13.96      | -                   | -              | -                            | -              | 50             | 203         | V        |
| 6      | * 11.623        | 37.3                 | PK-U | 38.1           | -24.3                 | 51.1                       | -                  | -           | 74                  | -22.9          | -                            | -              | 39             | 106         | H        |
|        | * 11.621        | 25.26                | ADR  | 38.1           | -24.3                 | 39.06                      | 54                 | -14.94      | -                   | -              | -                            | -              | 39             | 106         | H        |
| 9      | * 11.34         | 42.15                | PK-U | 38             | -25.3                 | 54.85                      | -                  | -           | 74                  | -19.15         | -                            | -              | 0              | 103         | V        |
|        | * 11.34         | 29.82                | ADR  | 38             | -25.3                 | 42.52                      | 54                 | -11.48      | -                   | -              | -                            | -              | 0              | 103         | V        |
| 1      | 1.735           | 43.77                | PK-U | 29.4           | -35.1                 | 38.07                      | -                  | -           | -                   | -              | 68.2                         | -30.13         | 195            | 210         | H        |
| 4      | 5.526           | 45.95                | PK-U | 34.6           | -21.3                 | 59.25                      | -                  | -           | -                   | -              | 68.2                         | -8.95          | 159            | 221         | H        |
| 5      | 6.051           | 46.07                | PK-U | 35.2           | -20.6                 | 60.67                      | -                  | -           | -                   | -              | 68.2                         | -7.53          | 122            | 231         | H        |
| 8      | 6.088           | 44.94                | PK-U | 35.3           | -20.6                 | 59.64                      | -                  | -           | -                   | -              | 68.2                         | -8.56          | 208            | 151         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/Fl tr/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      | * 4.568         | 44.68                | PK-U | 34.1           | -30.3                 | 48.48                      | -                  | -           | 74                  | -25.52         | -                            | -              | 338            | 122         | H        |
|        | * 4.568         | 35.49                | ADR  | 34.1           | -30.3                 | 39.29                      | 54                 | -14.71      | -                   | -              | -                            | -              | 338            | 122         | H        |
| 2      | * 4.949         | 47.23                | PK-U | 34.1           | -30.5                 | 50.83                      | -                  | -           | 74                  | -23.17         | -                            | -              | 54             | 235         | H        |
|        | * 4.949         | 40.62                | ADR  | 34.1           | -30.5                 | 44.22                      | 54                 | -9.78       | -                   | -              | -                            | -              | 54             | 235         | H        |
| 3      | * 4.949         | 45.49                | PK-U | 34.1           | -30.5                 | 49.09                      | -                  | -           | 74                  | -24.91         | -                            | -              | 48             | 146         | V        |
|        | * 4.949         | 36.81                | ADR  | 34.1           | -30.5                 | 40.41                      | 54                 | -13.59      | -                   | -              | -                            | -              | 48             | 146         | V        |
| 4      | * 11.642        | 37.35                | PK-U | 38.2           | -24.8                 | 50.75                      | -                  | -           | 74                  | -23.25         | -                            | -              | 192            | 347         | H        |
|        | * 11.641        | 25.63                | ADR  | 38.2           | -24.7                 | 39.13                      | 54                 | -14.87      | -                   | -              | -                            | -              | 192            | 347         | H        |
| 6      | * 8.43          | 39.2                 | PK-U | 35.8           | -27.4                 | 47.6                       | -                  | -           | 74                  | -26.4          | -                            | -              | 343            | 357         | V        |
|        | * 8.425         | 27.35                | ADR  | 35.8           | -27.3                 | 35.85                      | 54                 | -18.15      | -                   | -              | -                            | -              | 343            | 357         | V        |
| 7      | * 11.397        | 38.35                | PK-U | 38             | -24.4                 | 51.95                      | -                  | -           | 74                  | -22.05         | -                            | -              | 4              | 105         | V        |
|        | * 11.396        | 26.5                 | ADR  | 38             | -24.4                 | 40.1                       | 54                 | -13.9       | -                   | -              | -                            | -              | 4              | 105         | V        |
| 5      | 16.391          | 37.74                | PK-U | 41             | -22.6                 | 56.14                      | -                  | -           | -                   | -              | 68.2                         | -12.06         | 274            | 176         | H        |

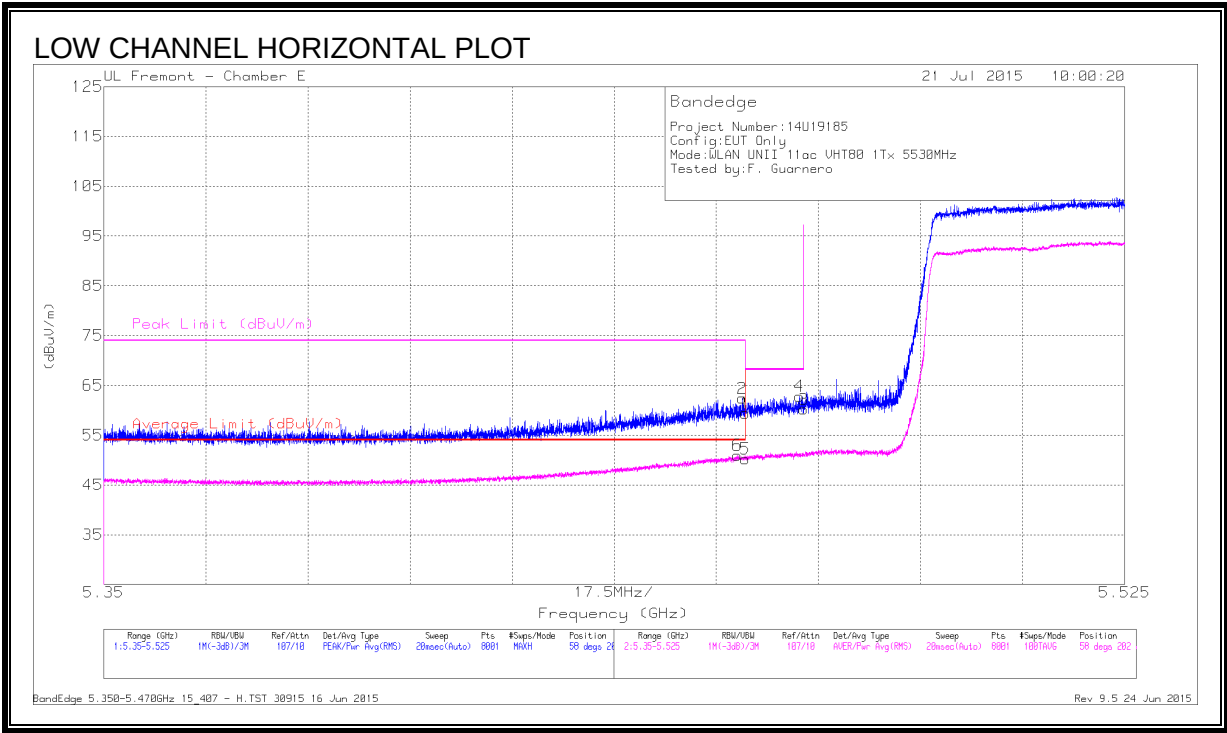
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.18. 802.11ac VHT80 1Tx MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



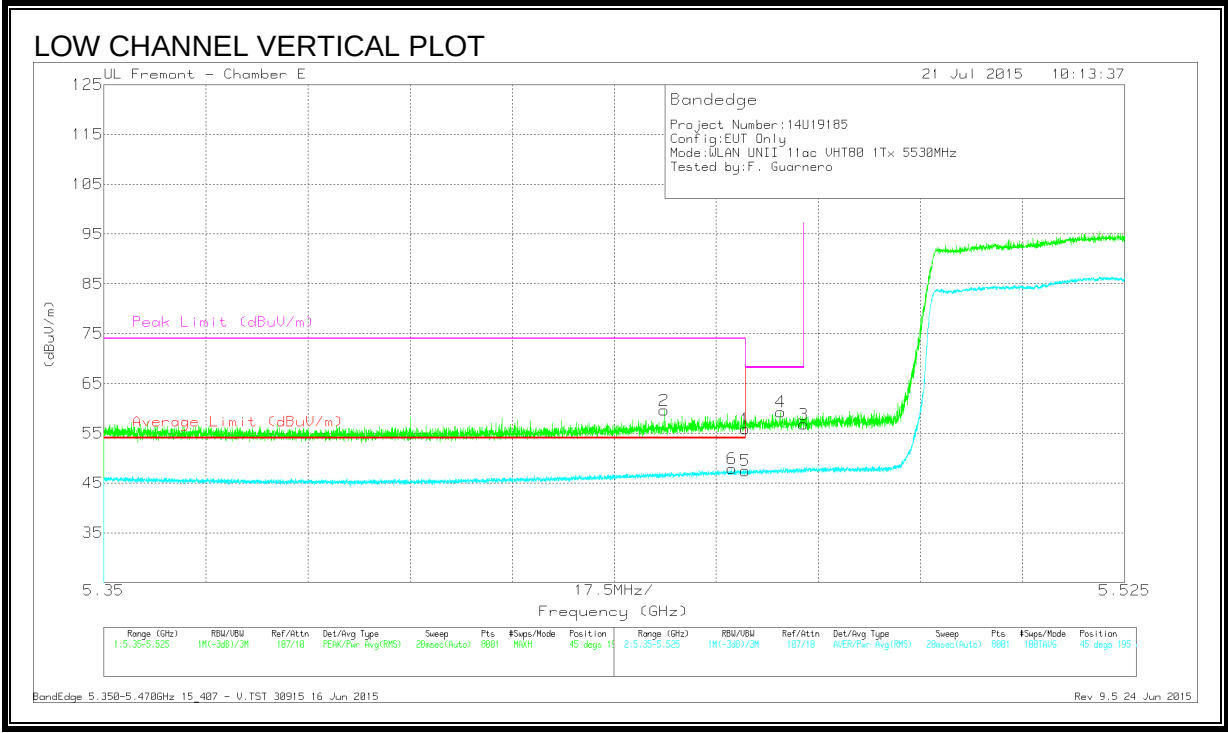
DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (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      | * 5.46          | 46.15                | Pk  | 34.6           | -21.3                  | 0            | 59.45                      | -                      | -           | 74                  | -14.55         | 58             | 202         | H        |
| 2      | * 5.459         | 49.11                | Pk  | 34.6           | -21.3                  | 0            | 62.41                      | -                      | -           | 74                  | -11.59         | 58             | 202         | H        |
| 3      | 5.47            | 46.93                | Pk  | 34.6           | -21.3                  | 0            | 60.23                      | -                      | -           | 68.2                | -7.97          | 58             | 202         | H        |
| 4      | 5.469           | 49.53                | Pk  | 34.6           | -21.3                  | 0            | 62.83                      | -                      | -           | 68.2                | -5.37          | 58             | 202         | H        |
| 5      | * 5.46          | 36.76                | RMS | 34.6           | -21.3                  | .19          | 50.25                      | 54                     | -3.75       | -                   | -              | 58             | 202         | H        |
| 6      | * 5.459         | 37.58                | RMS | 34.6           | -21.4                  | .19          | 50.97                      | 54                     | -3.03       | -                   | -              | 58             | 202         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



DATA

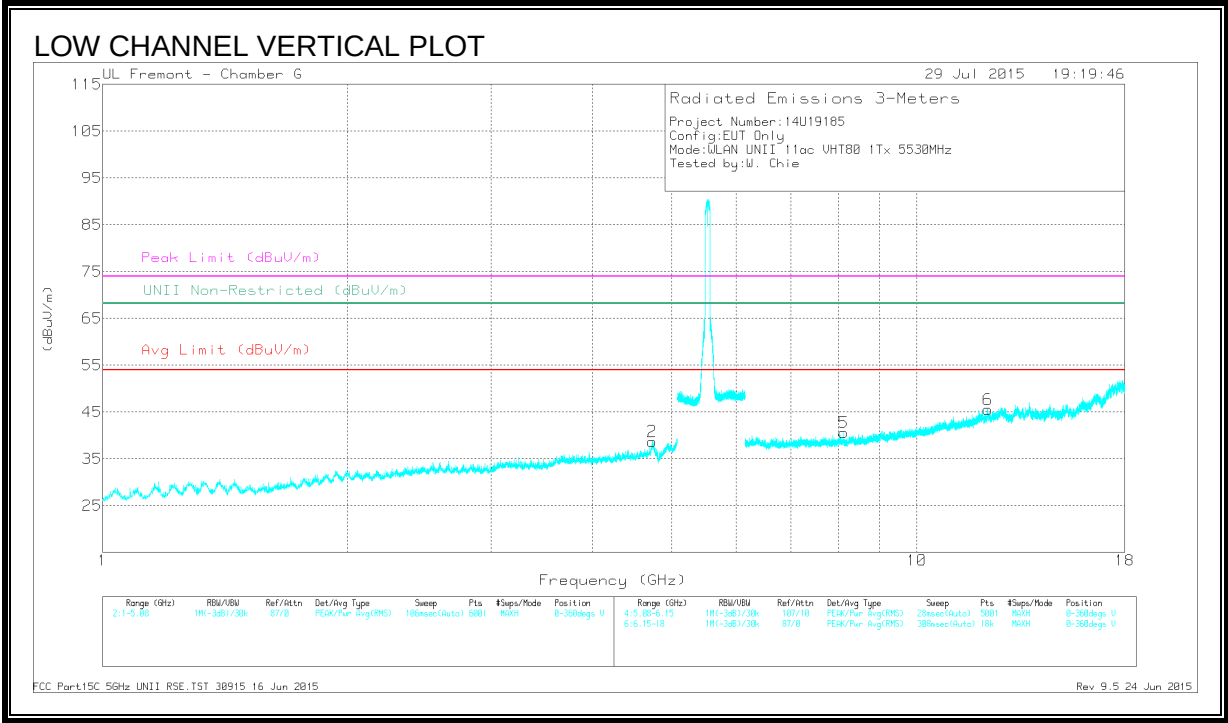
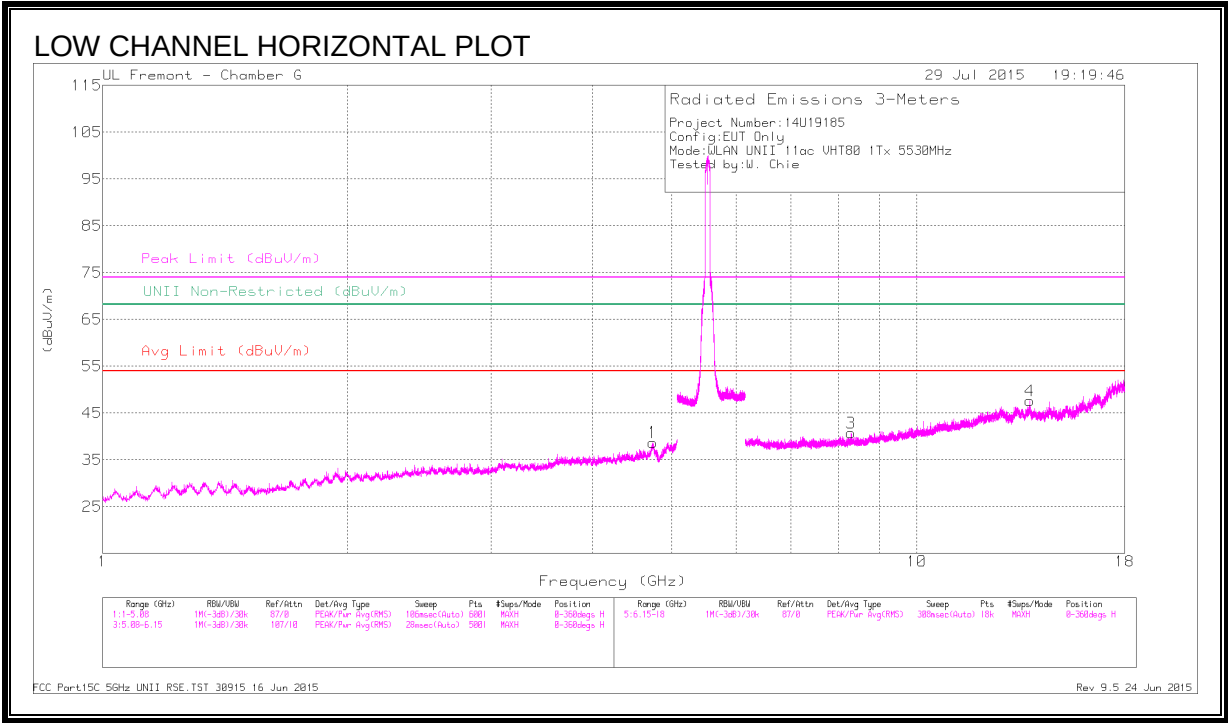
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 42.54                | Pk  | 34.6           | -21.3                  | 0            | 55.84                      | -                      | -           | 74                  | -18.16         | 45             | 195         | V        |
| 2      | * 5.446         | 46.39                | Pk  | 34.6           | -21.4                  | 0            | 59.59                      | -                      | -           | 74                  | -14.41         | 45             | 195         | V        |
| 3      | 5.47            | 43.51                | Pk  | 34.6           | -21.3                  | 0            | 56.81                      | -                      | -           | 68.2                | -11.39         | 45             | 195         | V        |
| 4      | 5.466           | 45.97                | Pk  | 34.6           | -21.3                  | 0            | 59.27                      | -                      | -           | 68.2                | -8.93          | 45             | 195         | V        |
| 5      | * 5.46          | 33.98                | RMS | 34.6           | -21.3                  | .19          | 47.47                      | 54                     | -6.53       | -                   | -              | 45             | 195         | V        |
| 6      | * 5.458         | 34.49                | RMS | 34.6           | -21.4                  | .19          | 47.88                      | 54                     | -6.12       | -                   | -              | 45             | 195         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

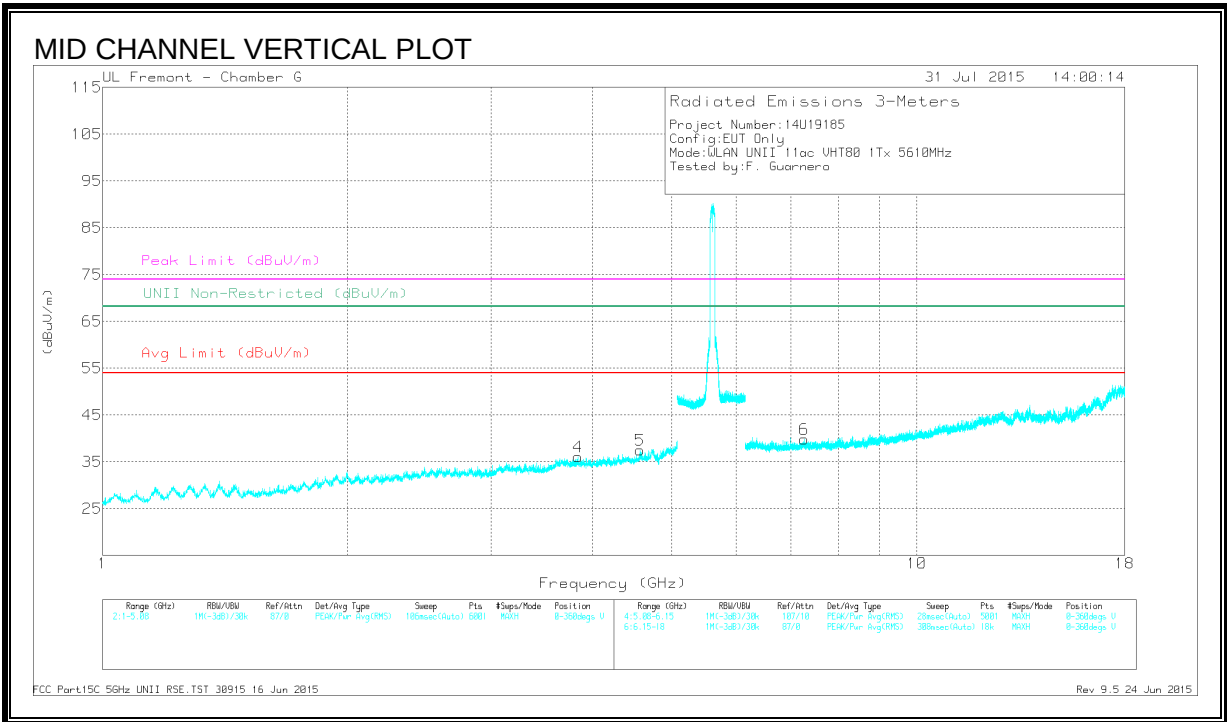
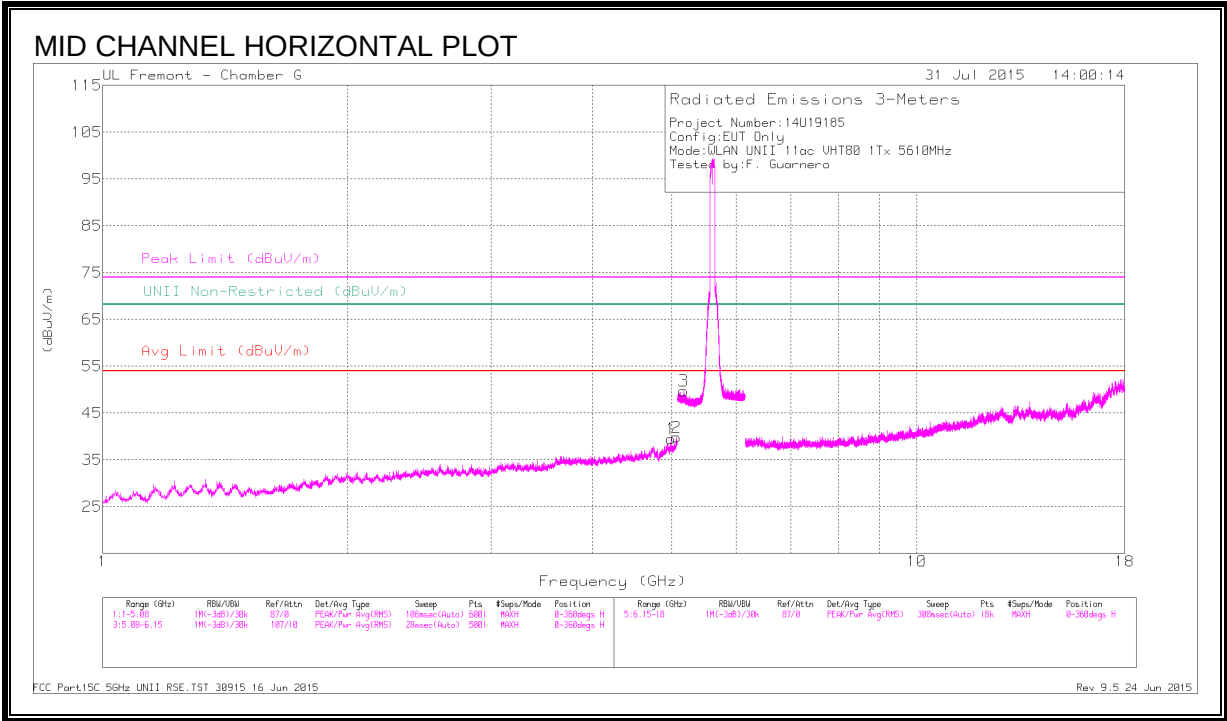
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.742         | 45.05                | PK-U | 33.9           | -31.9                  | 0            | 47.05                      | -                  | -           | 74                  | -26.95         | -                            | -              | 355            | 124         | H        |
|        | * 4.743         | 32.63                | ADR  | 33.9           | -31.9                  | .19          | 34.82                      | 54                 | -19.18      | -                   | -              | -                            | -              | 355            | 124         | H        |
| 2      | * 4.733         | 44.51                | PK-U | 33.9           | -31.9                  | 0            | 46.51                      | -                  | -           | 74                  | -27.49         | -                            | -              | 4              | 173         | V        |
|        | * 4.731         | 32.03                | ADR  | 33.9           | -31.9                  | .19          | 34.22                      | 54                 | -19.78      | -                   | -              | -                            | -              | 4              | 173         | V        |
| 3      | * 8.301         | 40.99                | PK-U | 35.7           | -29.1                  | 0            | 47.59                      | -                  | -           | 74                  | -26.41         | -                            | -              | 288            | 144         | H        |
|        | * 8.302         | 28.49                | ADR  | 35.7           | -29.1                  | .19          | 35.28                      | 54                 | -18.72      | -                   | -              | -                            | -              | 288            | 144         | H        |
| 5      | * 8.133         | 40.71                | PK-U | 35.7           | -29.7                  | 0            | 46.71                      | -                  | -           | 74                  | -27.29         | -                            | -              | 90             | 149         | V        |
|        | * 8.133         | 28.71                | ADR  | 35.7           | -29.7                  | .19          | 34.9                       | 54                 | -19.1       | -                   | -              | -                            | -              | 90             | 149         | V        |
| 6      | * 12.219        | 38.18                | PK-U | 39             | -24.8                  | 0            | 52.38                      | -                  | -           | 74                  | -21.62         | -                            | -              | 131            | 326         | V        |
|        | * 12.218        | 26.27                | ADR  | 39             | -24.8                  | .19          | 40.66                      | 54                 | -13.34      | -                   | -              | -                            | -              | 131            | 326         | V        |
| 4      | 13.753          | 39.21                | PK-U | 39.2           | -24.5                  | 0            | 53.91                      | -                  | -           | -                   | -              | 68.2                         | -14.29         | 239            | 147         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

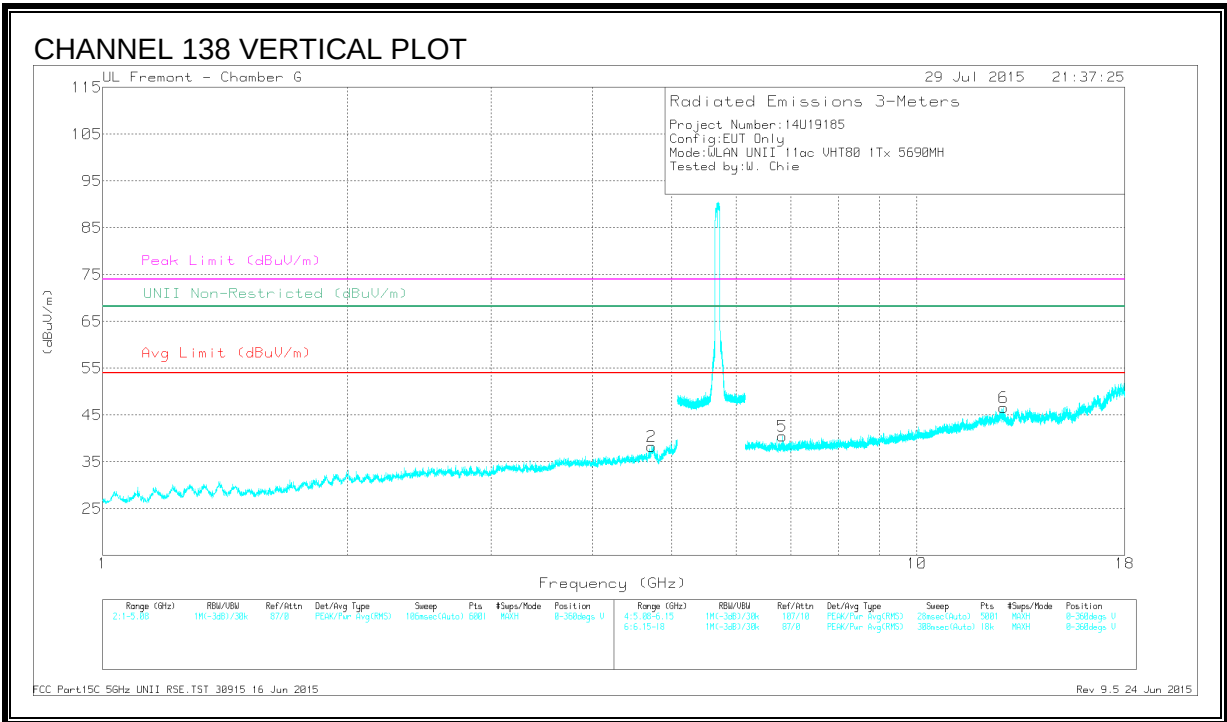
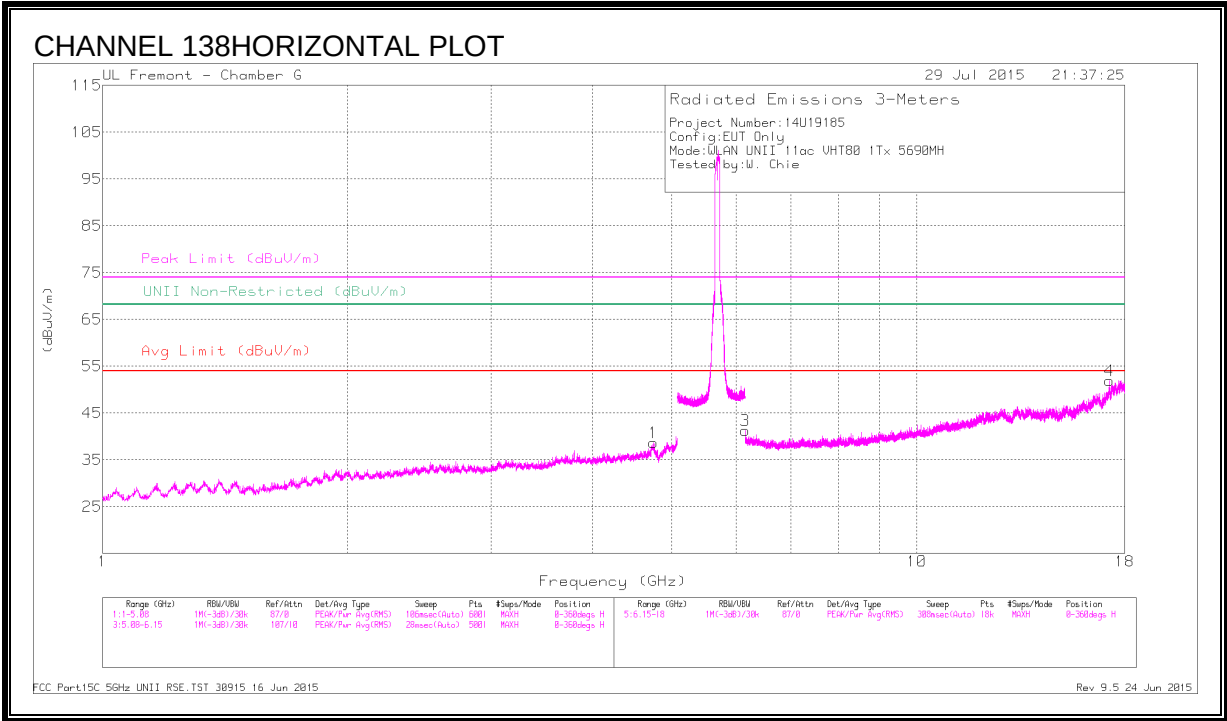
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fitr /Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.987         | 45.14                | PK-U | 34.2           | -31.4                  | 0            | 47.94                      | -                  | -           | 74                  | -26.06         | -                            | -              | 146            | 258         | H        |
|        | * 4.987         | 35.37                | ADR  | 34.2           | -31.4                  | .19          | 38.36                      | 54                 | -15.64      | -                   | -              | -                            | -              | 146            | 258         | H        |
| 2      | * 5.067         | 42.96                | PK-U | 34.2           | -30.4                  | 0            | 46.76                      | -                  | -           | 74                  | -27.24         | -                            | -              | 221            | 131         | H        |
|        | * 5.067         | 30.19                | ADR  | 34.2           | -30.4                  | .19          | 34.18                      | 54                 | -19.82      | -                   | -              | -                            | -              | 221            | 131         | H        |
| 3      | 5.171           | 44.69                | PK-U | 34.3           | -23.1                  | 0            | 55.89                      | -                  | -           | -                   | -              | 68.2                         | -12.31         | 187            | 181         | H        |
| 4      | * 3.836         | 42.64                | PK-U | 33.1           | -32.7                  | 0            | 43.04                      | -                  | -           | 74                  | -30.96         | -                            | -              | 228            | 210         | V        |
|        | * 3.836         | 31.21                | ADR  | 33.1           | -32.7                  | .19          | 31.8                       | 54                 | -22.2       | -                   | -              | -                            | -              | 228            | 210         | V        |
| 5      | * 4.568         | 42.29                | PK-U | 33.8           | -32.1                  | 0            | 43.99                      | -                  | -           | 74                  | -30.01         | -                            | -              | 183            | 180         | V        |
|        | * 4.566         | 30.35                | ADR  | 33.8           | -32.1                  | .19          | 32.24                      | 54                 | -21.76      | -                   | -              | -                            | -              | 183            | 180         | V        |
| 6      | * 7.272         | 41.19                | PK-U | 35.6           | -30.7                  | 0            | 46.09                      | -                  | -           | 74                  | -27.91         | -                            | -              | 141            | 175         | V        |
|        | * 7.272         | 29.81                | ADR  | 35.6           | -30.7                  | .19          | 34.9                       | 54                 | -19.1       | -                   | -              | -                            | -              | 141            | 175         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 HARMONICS AND SPURIOUS EMISSIONS



# DATA

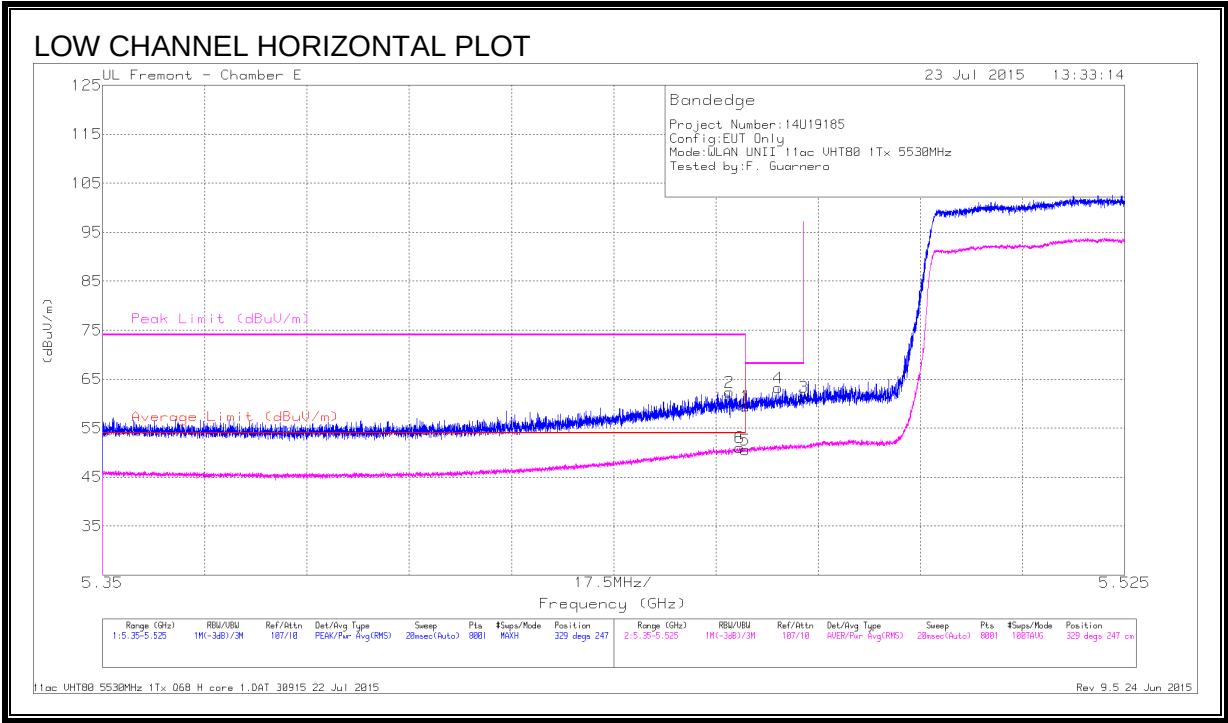
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fitr /Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.748         | 44.91                | PK-U | 33.9           | -32                    | 0            | 46.81                      | -                  | -           | 74                  | -27.19         | -                            | -              | 301            | 160         | H        |
|        | * 4.748         | 32.61                | ADR  | 33.9           | -32                    | .19          | 34.7                       | 54                 | -19.3       | -                   | -              | -                            | -              | 301            | 160         | H        |
| 2      | * 4.726         | 43.98                | PK-U | 33.9           | -31.9                  | 0            | 45.98                      | -                  | -           | 74                  | -28.02         | -                            | -              | 313            | 179         | V        |
|        | * 4.726         | 31.83                | ADR  | 33.9           | -31.9                  | .19          | 34.02                      | 54                 | -19.98      | -                   | -              | -                            | -              | 313            | 179         | V        |
| 3      | 6.151           | 43.62                | PK-U | 35.4           | -31.5                  | 0            | 47.52                      | -                  | -           | -                   | -              | 68.2                         | -20.68         | 254            | 189         | H        |
| 5      | 6.834           | 42.24                | PK-U | 35.5           | -31.6                  | 0            | 46.14                      | -                  | -           | -                   | -              | 68.2                         | -22.06         | 251            | 179         | V        |
| 6      | 12.79           | 38.96                | PK-U | 39.2           | -25.2                  | 0            | 52.96                      | -                  | -           | -                   | -              | 68.2                         | -15.24         | 279            | 147         | V        |
| 4      | 17.229          | 38.99                | PK-U | 41.2           | -21.1                  | 0            | 59.09                      | -                  | -           | -                   | -              | 68.2                         | -9.11          | 217            | 158         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)**



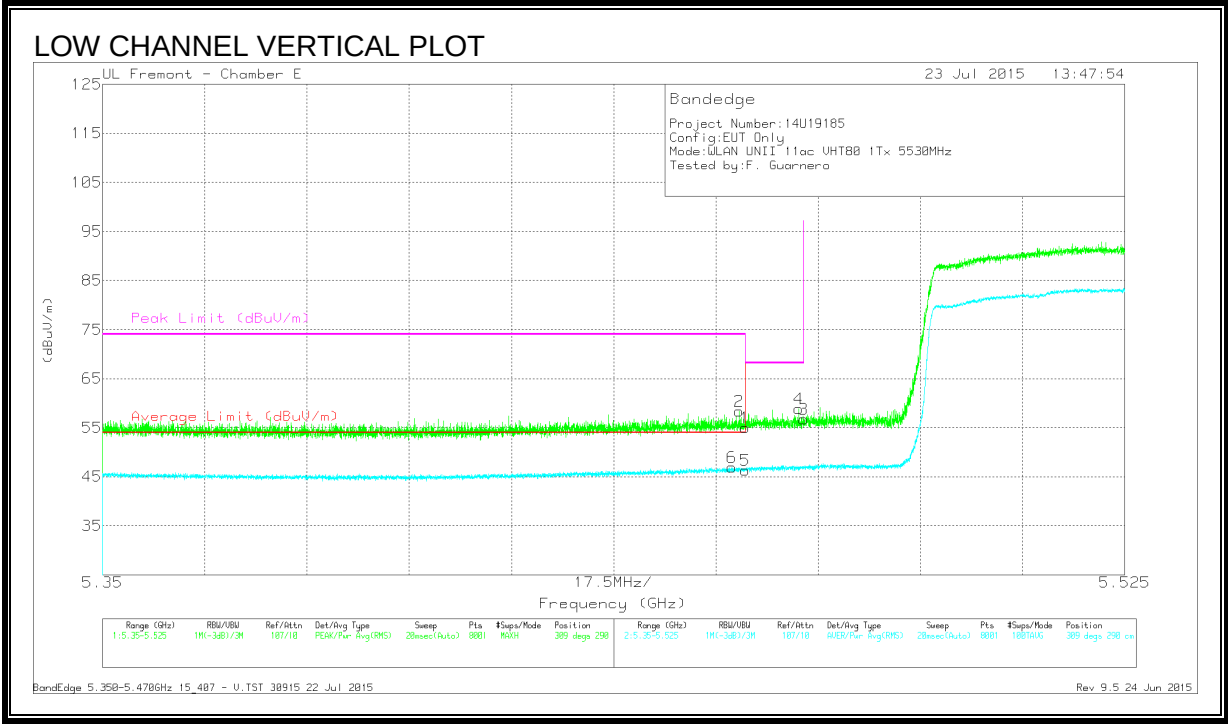
**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (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      | * 5.46          | 46.17                | Pk  | 34.6           | -21.3                  | 0            | 59.47                      | -                      | -           | 74                  | -14.53         | 329            | 247         | H        |
| 2      | * 5.457         | 49.09                | Pk  | 34.6           | -21.4                  | 0            | 62.29                      | -                      | -           | 74                  | -11.71         | 329            | 247         | H        |
| 3      | 5.47            | 48.04                | Pk  | 34.6           | -21.3                  | 0            | 61.34                      | -                      | -           | 68.2                | -6.86          | 329            | 247         | H        |
| 4      | 5.466           | 49.89                | Pk  | 34.6           | -21.3                  | 0            | 63.19                      | -                      | -           | 68.2                | -5.01          | 329            | 247         | H        |
| 5      | * 5.46          | 37.04                | RMS | 34.6           | -21.3                  | .19          | 50.53                      | 54                     | -3.47       | -                   | -              | 329            | 247         | H        |
| 6      | * 5.459         | 37.65                | RMS | 34.6           | -21.4                  | .19          | 51.04                      | 54                     | -2.96       | -                   | -              | 329            | 247         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



DATA

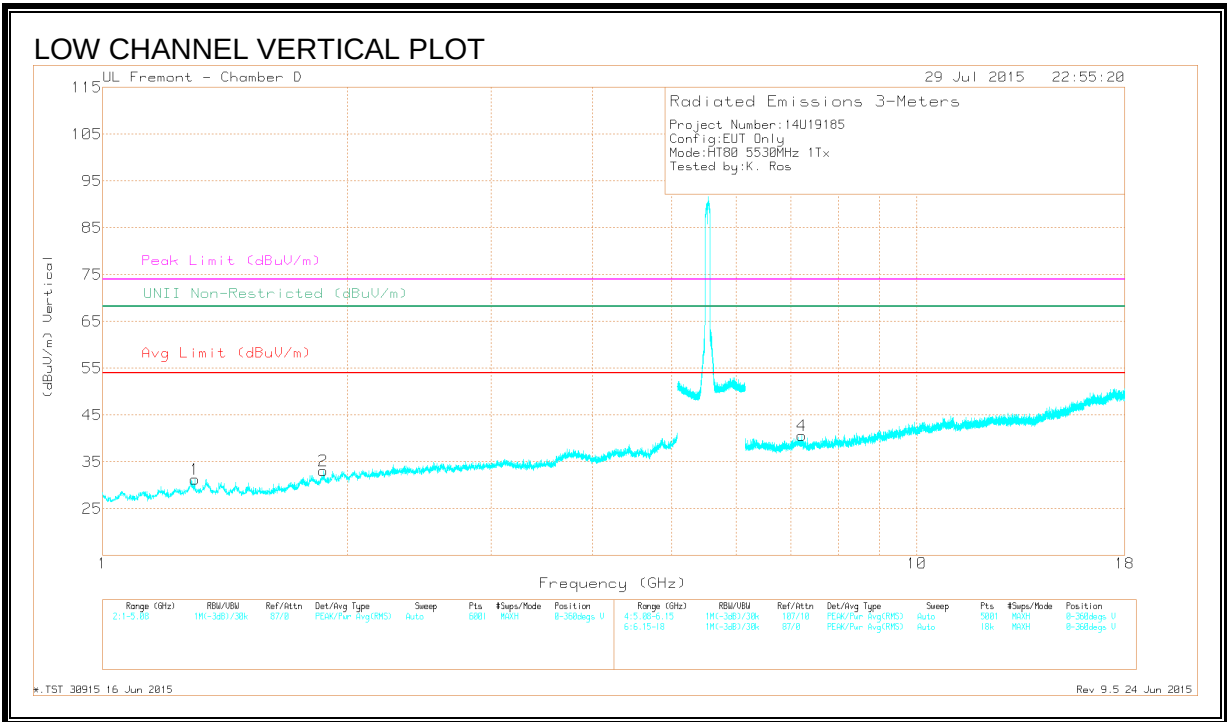
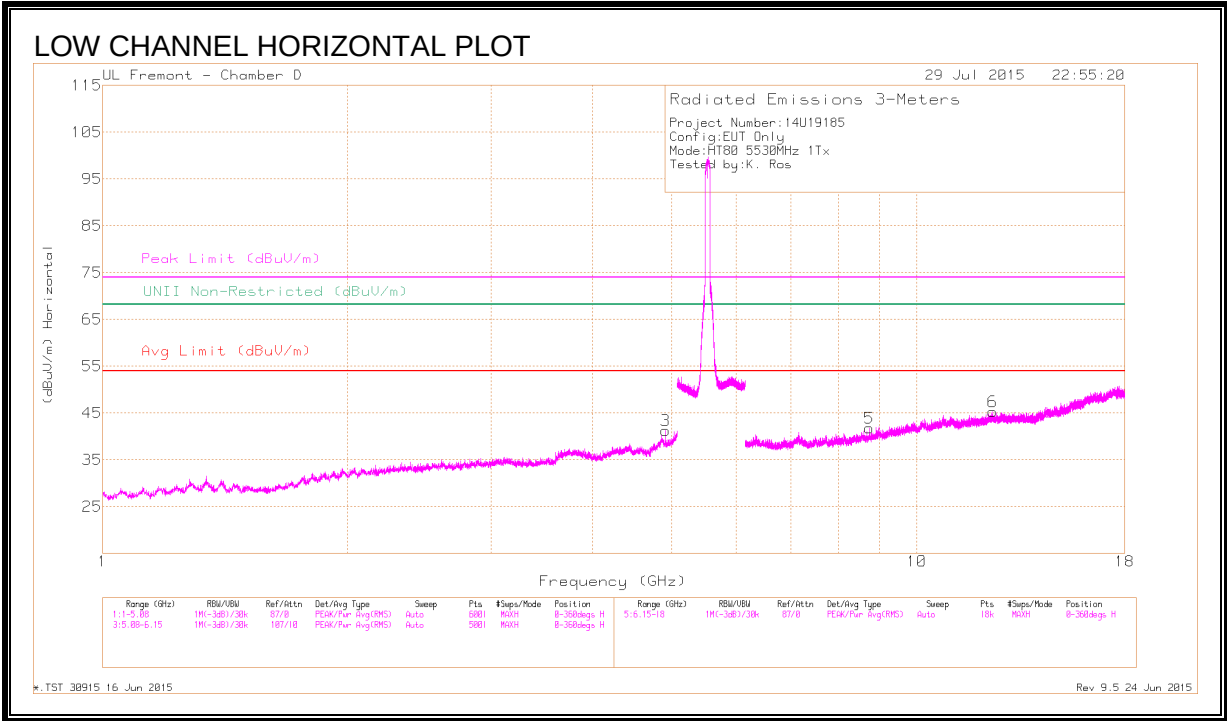
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dB/m) | DC Corr (dB) | Amp/Cbl/ Fitr/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.46          | 41.72                | Pk  | 34.6           | 0            | -21.3                  | 55.02                      | -                      | -           | 74                  | -18.98         | 309            | 290         | V        |
| 2      | * 5.459         | 45.13                | Pk  | 34.6           | 0            | -21.4                  | 58.33                      | -                      | -           | 74                  | -15.67         | 309            | 290         | V        |
| 3      | 5.47            | 43.49                | Pk  | 34.6           | 0            | -21.3                  | 56.79                      | -                      | -           | 68.2                | -11.41         | 309            | 290         | V        |
| 4      | 5.469           | 45.58                | Pk  | 34.6           | 0            | -21.3                  | 58.88                      | -                      | -           | 68.2                | -9.32          | 309            | 290         | V        |
| 5      | * 5.46          | 33                   | RMS | 34.6           | .19          | -21.3                  | 46.49                      | 54                     | -7.51       | -                   | -              | 309            | 290         | V        |
| 6      | * 5.458         | 33.7                 | RMS | 34.6           | .19          | -21.4                  | 47.09                      | 54                     | -6.91       | -                   | -              | 309            | 290         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

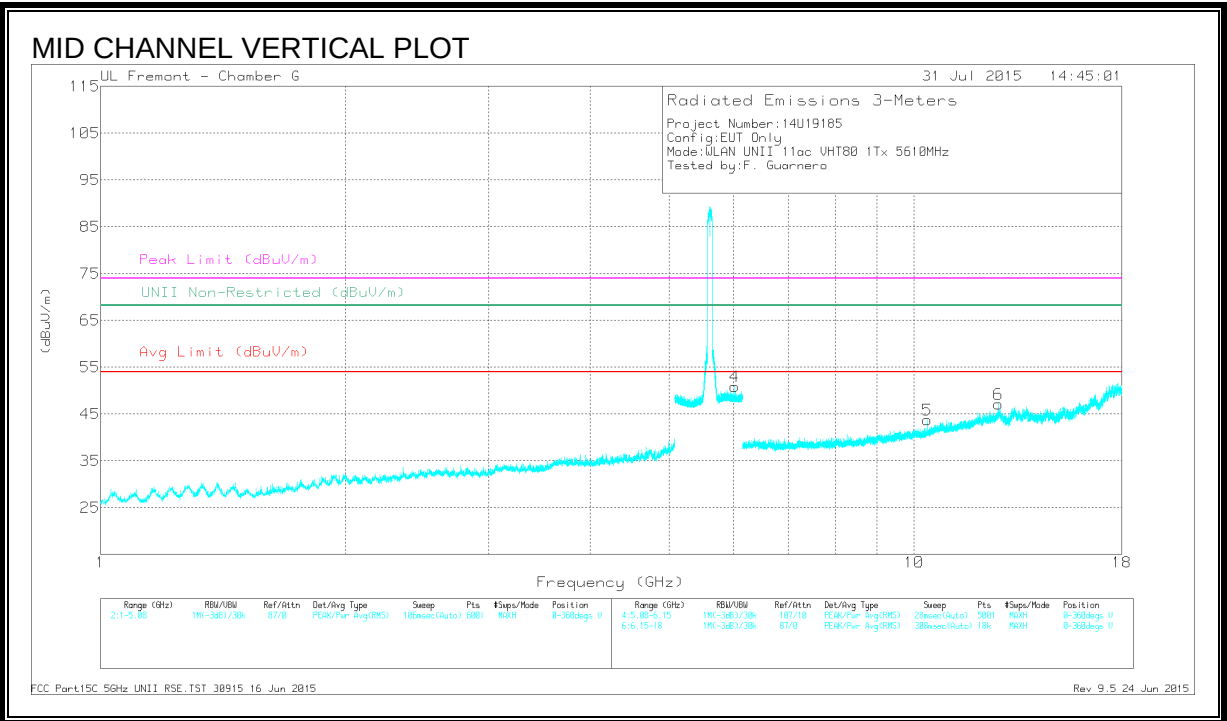
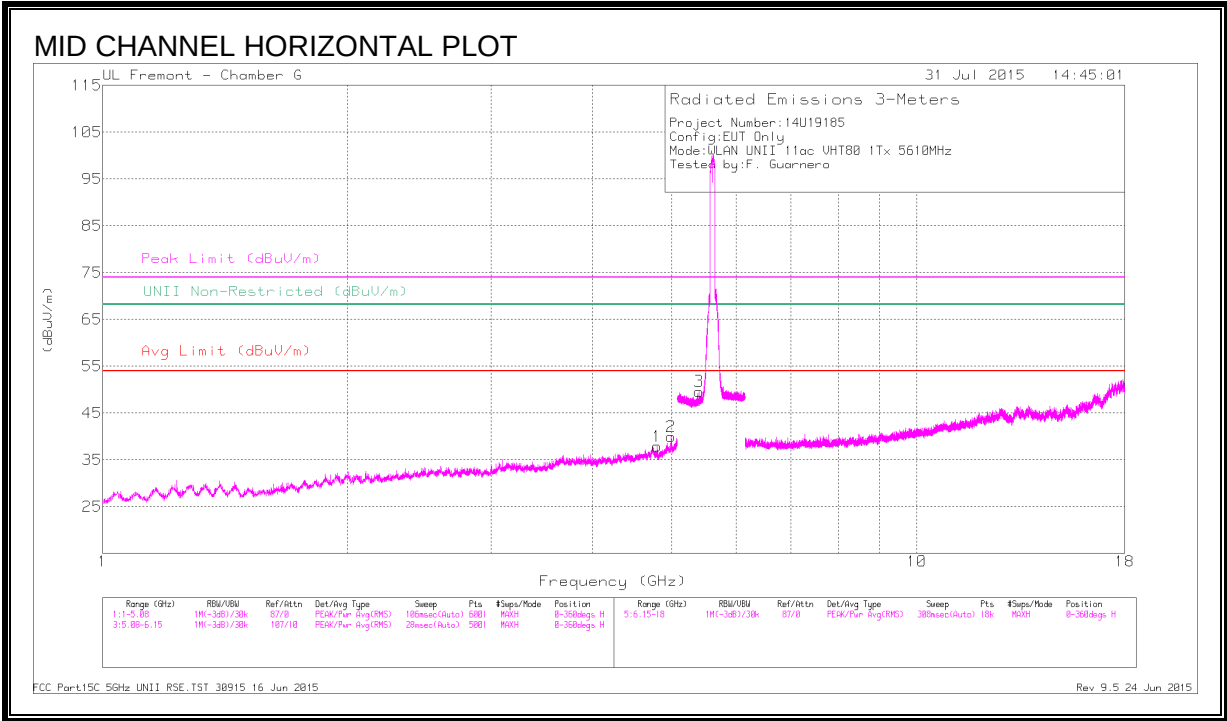
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T344 (dB/m) | Amp/Cbl/Fitr /Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.296         | 40.84                | PK-U | 29             | -31.9                  | 0            | 37.94                      | -                  | -           | 74                  | -36.06         | -                            | -              | 280            | 180         | V        |
|        | * 1.298         | 28.77                | ADR  | 29             | -31.8                  | .19          | 26.16                      | 54                 | -27.84      | -                   | -              | -                            | -              | 280            | 180         | V        |
| 2      | 1.865           | 40.63                | PK-U | 30.6           | -31.4                  | 0            | 39.83                      | -                  | -           | -                   | -              | 68.2                         | -28.37         | 234            | 151         | V        |
| 3      | * 4.915         | 39.88                | PK-U | 34.1           | -26.4                  | 0            | 47.58                      | -                  | -           | 74                  | -26.42         | -                            | -              | 211            | 234         | H        |
|        | * 4.916         | 29.85                | ADR  | 34.1           | -26.4                  | .19          | 37.74                      | 54                 | -16.26      | -                   | -              | -                            | -              | 211            | 234         | H        |
| 4      | 7.215           | 35.5                 | PK-U | 35.4           | -24.1                  | 0            | 46.8                       | -                  | -           | -                   | -              | 68.2                         | -21.4          | 42             | 209         | V        |
| 5      | 8.734           | 34.48                | PK-U | 35.9           | -22.8                  | 0            | 47.58                      | -                  | -           | -                   | -              | 68.2                         | -20.62         | 155            | 212         | H        |
| 6      | * 12.387        | 34.22                | PK-U | 39             | -21.5                  | 0            | 51.72                      | -                  | -           | 74                  | -22.28         | -                            | -              | 193            | 257         | H        |
|        | * 12.384        | 23.35                | ADR  | 39             | -21.6                  | .19          | 40.94                      | 54                 | -13.06      | -                   | -              | -                            | -              | 193            | 257         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

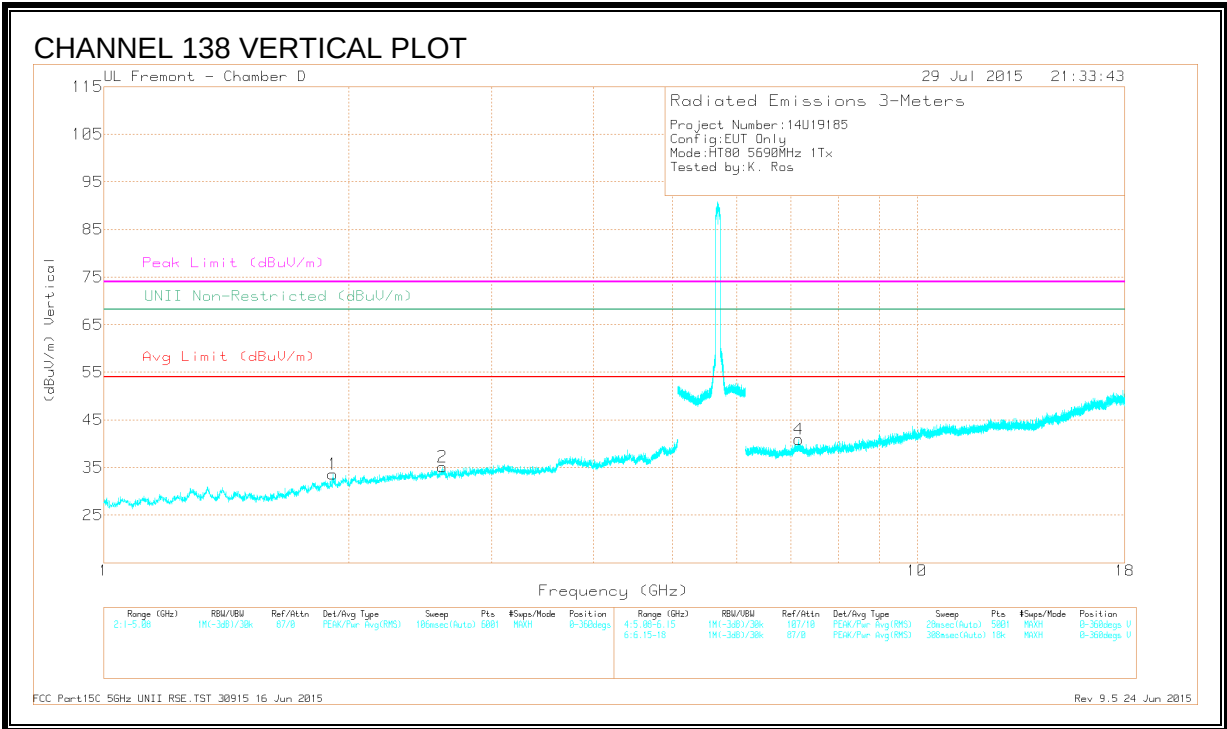
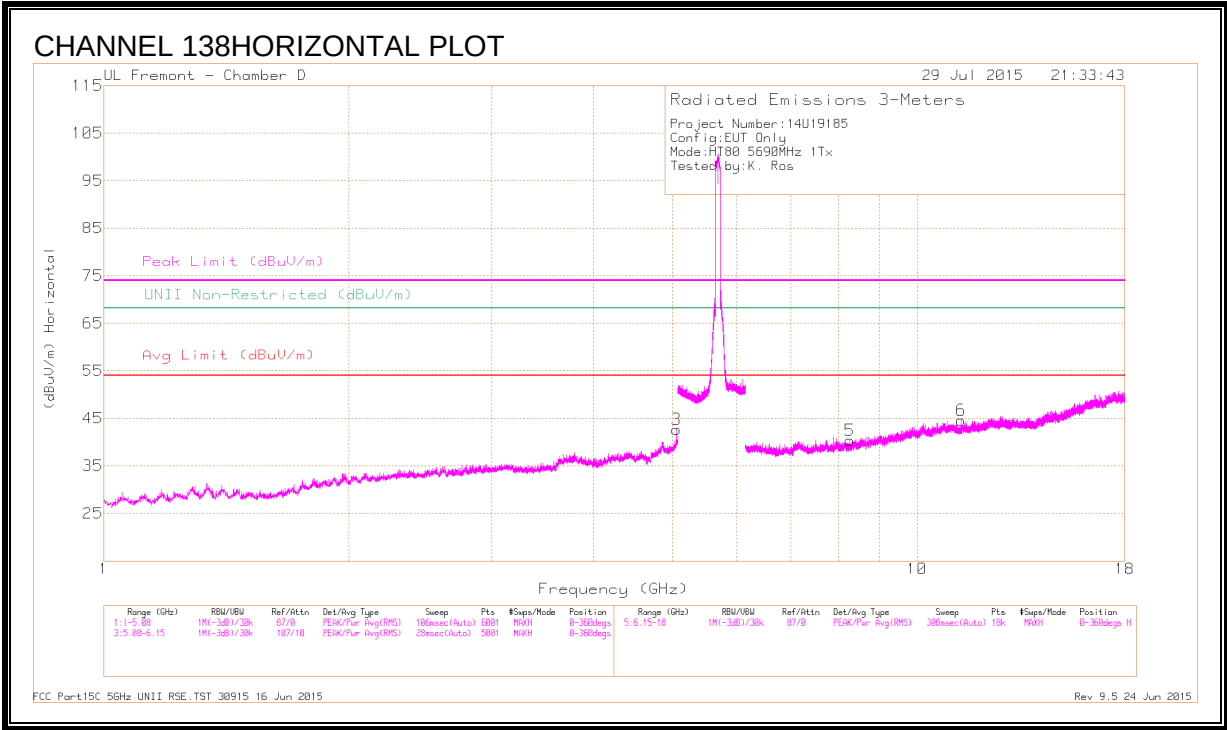
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fitr /Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.801         | 43.08                | PK-U | 34             | -32.4                  | 0            | 44.68                      | -                  | -           | 74                  | -29.32         | -                            | -              | 355            | 107         | H        |
|        | * 4.8           | 32.04                | ADR  | 34             | -32.4                  | .19          | 33.83                      | 54                 | -20.17      | -                   | -              | -                            | -              | 355            | 107         | H        |
| 2      | * 4.987         | 45.45                | PK-U | 34.2           | -31.4                  | 0            | 48.25                      | -                  | -           | 74                  | -25.75         | -                            | -              | 226            | 109         | H        |
|        | * 4.987         | 35.98                | ADR  | 34.2           | -31.4                  | .19          | 38.97                      | 54                 | -15.03      | -                   | -              | -                            | -              | 226            | 109         | H        |
| 3      | * 5.402         | 45.85                | PK-U | 34.5           | -23                    | 0            | 57.35                      | -                  | -           | 74                  | -16.65         | -                            | -              | 142            | 211         | H        |
|        | * 5.402         | 35.44                | ADR  | 34.5           | -23                    | .19          | 47.13                      | 54                 | -6.87       | -                   | -              | -                            | -              | 142            | 211         | H        |
| 4      | 6.016           | 44.44                | PK-U | 35.3           | -23                    | 0            | 56.74                      | -                  | -           | -                   | -              | 68.2                         | -11.46         | 170            | 236         | V        |
| 5      | 10.378          | 38.9                 | PK-U | 37.3           | -27.1                  | 0            | 49.1                       | -                  | -           | -                   | -              | 68.2                         | -19.1          | 212            | 184         | V        |
| 6      | * 12.689        | 38.6                 | PK-U | 39.3           | -24.3                  | 0            | 53.6                       | -                  | -           | 74                  | -20.4          | -                            | -              | 162            | 307         | V        |
|        | * 12.689        | 26.12                | ADR  | 39.3           | -24.3                  | .19          | 41.31                      | 54                 | -12.69      | -                   | -              | -                            | -              | 162            | 307         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T344 (dB/m) | Amp/Cbl/Fitr /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) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 1.912           | 40.5                 | PK-U | 30.8           | -31.3                  | 0            | 40                         | -                  | -           | -                   | -              | 68.2                         | -28.2          | 175            | 359         | V        |
| 2      | 2.608           | 40.03                | PK-U | 32.4           | -29.9                  | 0            | 42.53                      | -                  | -           | -                   | -              | 68.2                         | -25.67         | 354            | 335         | V        |
| 3      | * 5.058         | 40.16                | PK-U | 34.3           | -25.9                  | 0            | 48.56                      | -                  | -           | 74                  | -25.44         | -                            | -              | 122            | 201         | H        |
|        | * 5.058         | 31.22                | ADR  | 34.3           | -25.9                  | .19          | 39.81                      | 54                 | -14.19      | -                   | -              | -                            | -              | 122            | 201         | H        |
| 4      | 7.152           | 35.62                | PK-U | 35.5           | -23.9                  | 0            | 47.22                      | -                  | -           | -                   | -              | 68.2                         | -20.98         | 19             | 390         | V        |
| 5      | * 8.266         | 35.47                | PK-U | 35.7           | -24.3                  | 0            | 46.87                      | -                  | -           | 74                  | -27.13         | -                            | -              | 268            | 311         | H        |
|        | * 8.266         | 23.74                | ADR  | 35.7           | -24.3                  | .19          | 35.33                      | 54                 | -18.67      | -                   | -              | -                            | -              | 268            | 311         | H        |
| 6      | * 11.328        | 34.44                | PK-U | 38             | -22.2                  | 0            | 50.24                      | -                  | -           | 74                  | -23.76         | -                            | -              | 156            | 213         | H        |
|        | * 11.328        | 22.75                | ADR  | 38             | -22.2                  | .19          | 38.74                      | 54                 | -15.26      | -                   | -              | -                            | -              | 156            | 213         | H        |

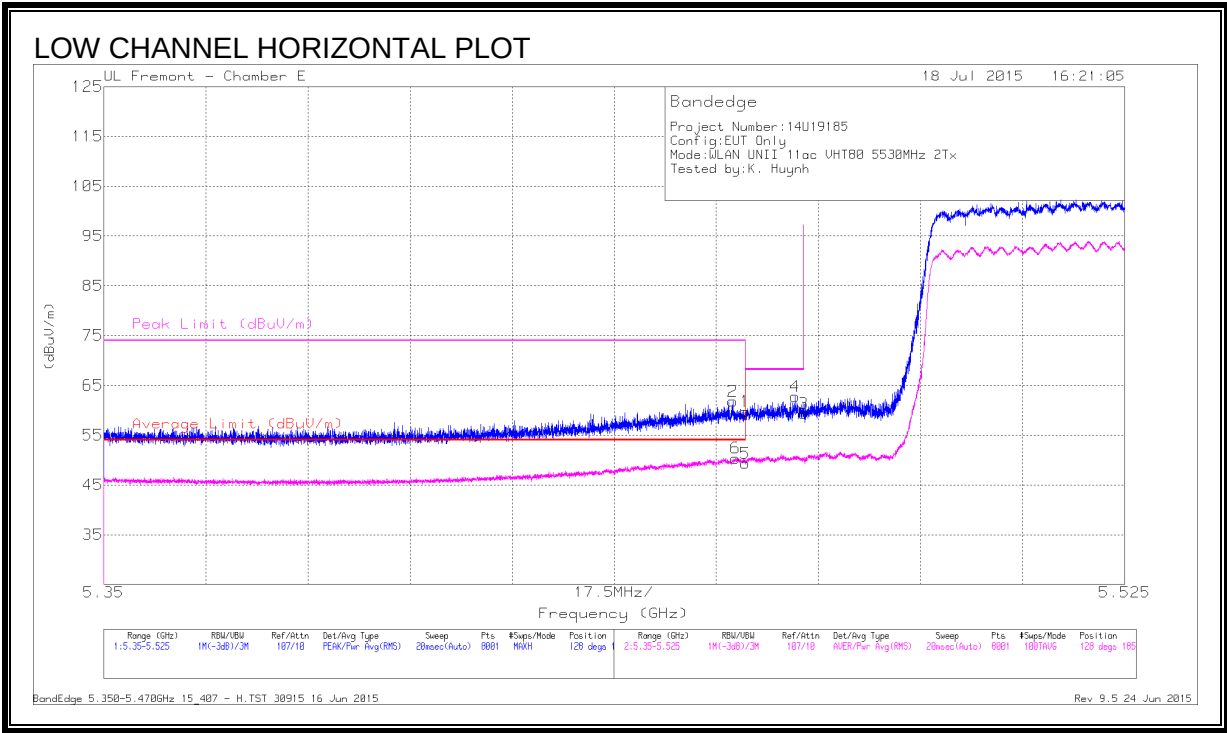
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.19. 802.11ac VHT80 2Tx CDD MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



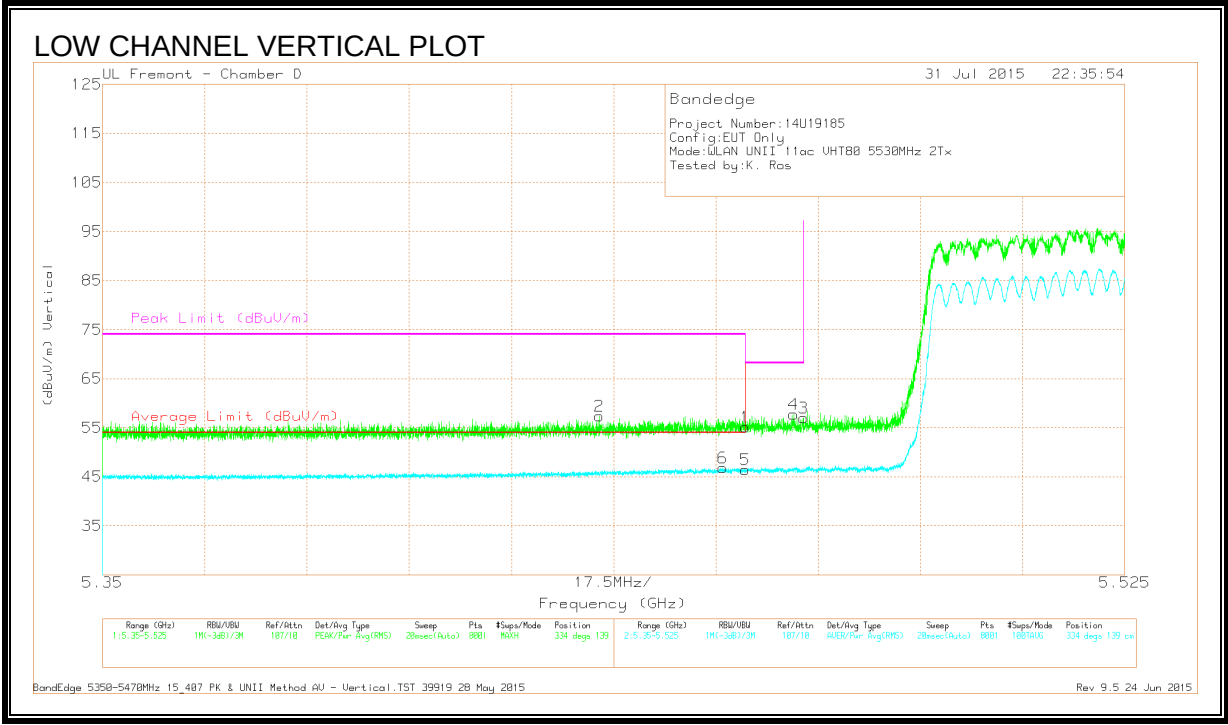
DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (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      | * 5.46          | 46.48                | Pk  | 34.6           | -21.3                  | 0            | 59.78                      | -                      | -           | 74                  | -14.22         | 128            | 185         | H        |
| 2      | * 5.458         | 48.6                 | Pk  | 34.6           | -21.4                  | 0            | 61.8                       | -                      | -           | 74                  | -12.2          | 128            | 185         | H        |
| 5      | * 5.46          | 35.8                 | RMS | 34.6           | -21.3                  | .22          | 49.32                      | 54                     | -4.68       | -                   | -              | 128            | 185         | H        |
| 6      | * 5.458         | 36.97                | RMS | 34.6           | -21.4                  | .22          | 50.39                      | 54                     | -3.61       | -                   | -              | 128            | 185         | H        |
| 4      | 5.468           | 49.45                | Pk  | 34.6           | -21.3                  | 0            | 62.75                      | -                      | -           | 68.2                | -5.45          | 128            | 185         | H        |
| 3      | 5.47            | 46.08                | Pk  | 34.6           | -21.3                  | 0            | 59.38                      | -                      | -           | 68.2                | -8.82          | 128            | 185         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



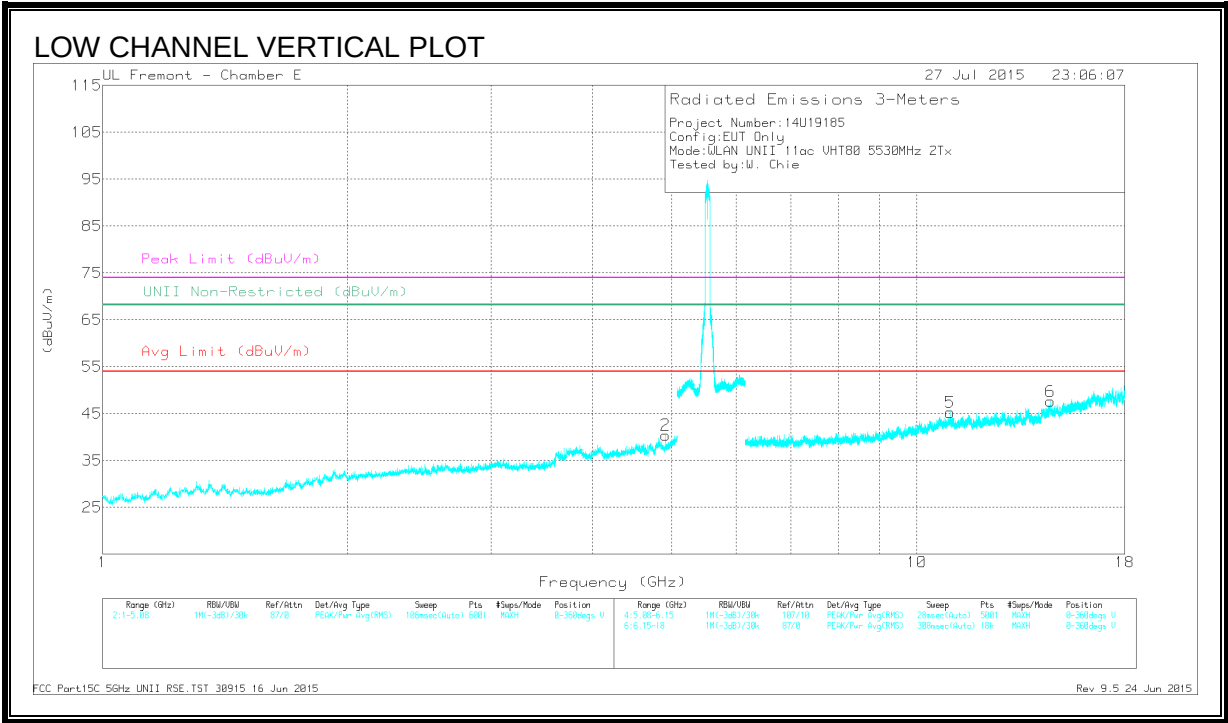
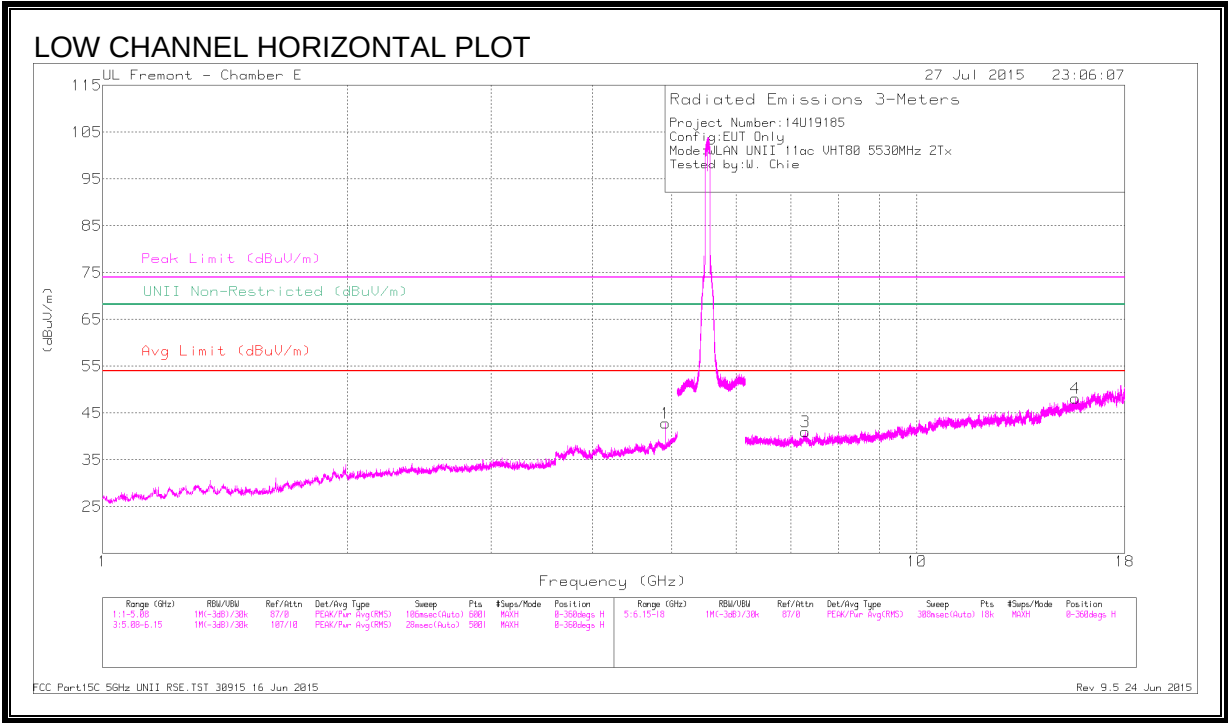
DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T344 (dB/m) | Amp/Cbl/ Fitr/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      | * 5.46          | 38.77                | Pk  | 34.4           | -18                    | 0            | 55.17                      | -                      | -           | 74                  | -18.83         | 334            | 139         | V        |
| 2      | * 5.435         | 41.24                | Pk  | 34.4           | -18.3                  | 0            | 57.34                      | -                      | -           | 74                  | -16.66         | 334            | 139         | V        |
| 5      | * 5.46          | 30.02                | RMS | 34.4           | -18                    | .22          | 46.64                      | 54                     | -7.36       | -                   | -              | 334            | 139         | V        |
| 6      | * 5.456         | 30.46                | RMS | 34.4           | -18.1                  | .22          | 46.98                      | 54                     | -7.02       | -                   | -              | 334            | 139         | V        |
| 4      | 5.468           | 41.33                | Pk  | 34.4           | -18                    | 0            | 57.73                      | -                      | -           | 68.2                | -10.47         | 334            | 139         | V        |
| 3      | 5.47            | 40.63                | Pk  | 34.4           | -18                    | 0            | 57.03                      | -                      | -           | 68.2                | -11.17         | 334            | 139         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



# DATA

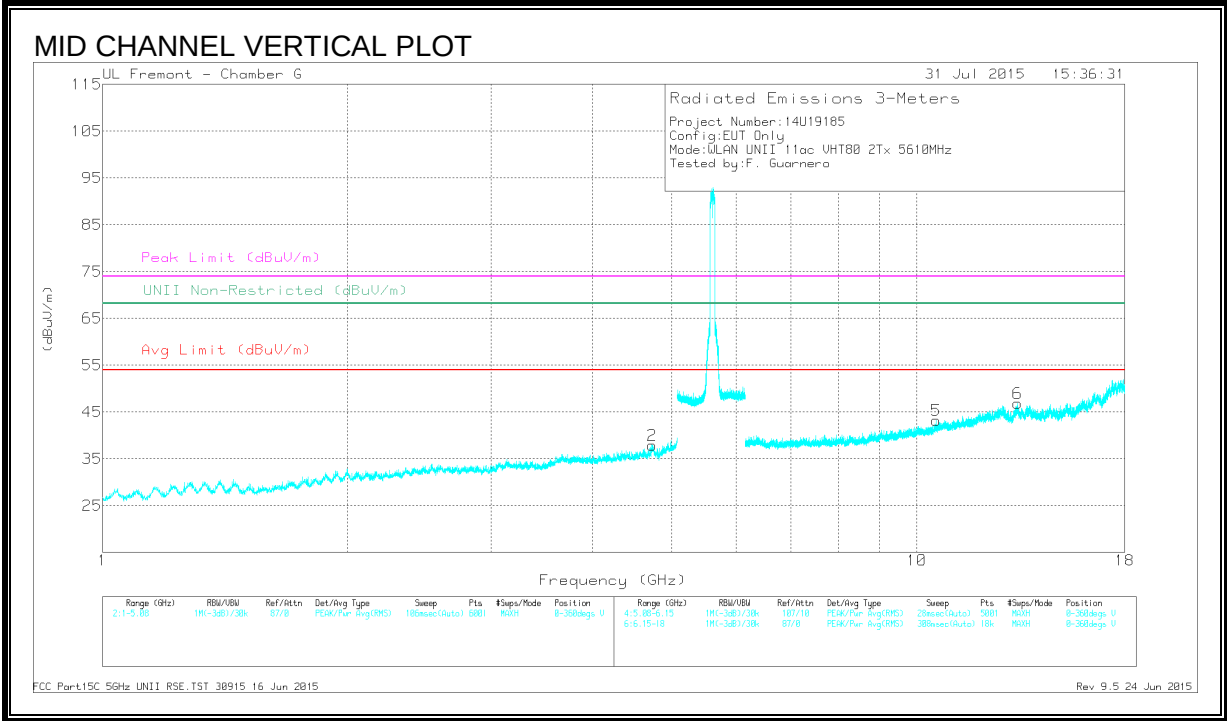
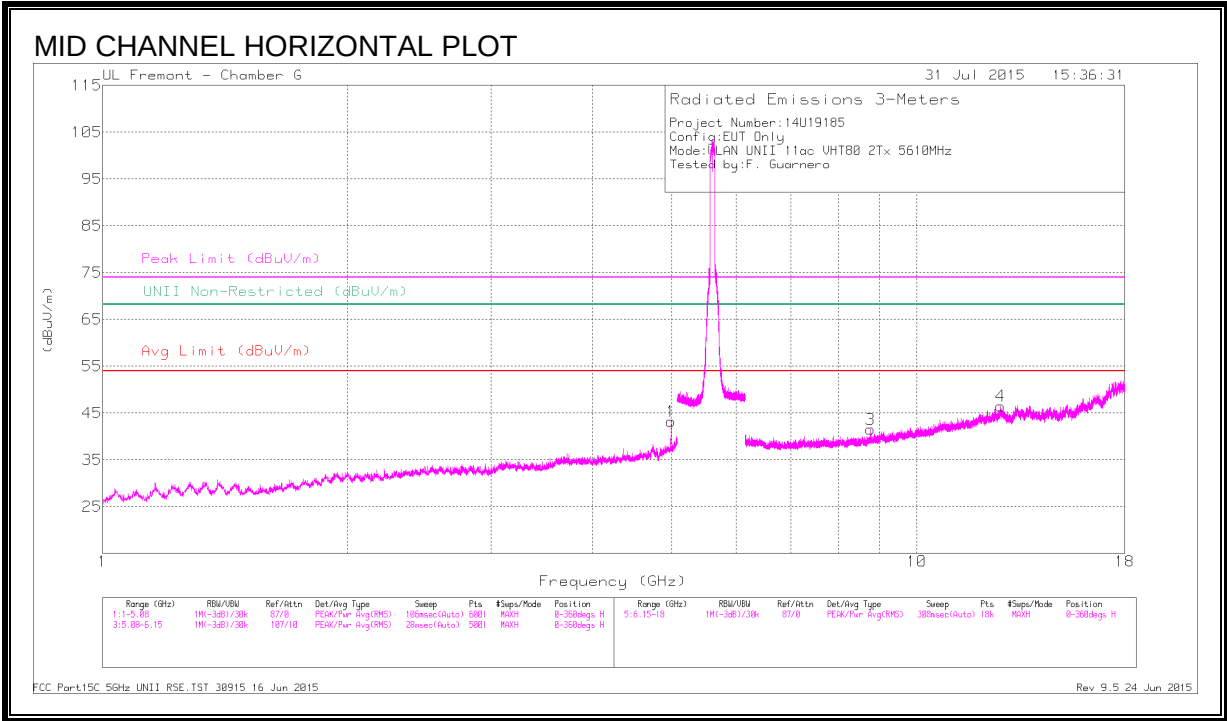
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.916         | 45.28                | PK-U | 34.1           | -30.4                  | 0            | 48.98                      | -                  | -           | 74                  | -25.02         | -                            | -              | 71             | 172         | H        |
|        | * 4.915         | 35.26                | ADR  | 34.1           | -30.4                  | .22          | 39.18                      | 54                 | -14.82      | -                   | -              | -                            | -              | 71             | 172         | H        |
| 2      | * 4.915         | 43.44                | PK-U | 34.1           | -30.4                  | 0            | 47.14                      | -                  | -           | 74                  | -26.86         | -                            | -              | 36             | 180         | V        |
|        | * 4.916         | 32                   | ADR  | 34.1           | -30.4                  | .22          | 35.92                      | 54                 | -18.08      | -                   | -              | -                            | -              | 36             | 180         | V        |
| 3      | * 7.29          | 39.76                | PK-U | 35.5           | -27                    | 0            | 48.26                      | -                  | -           | 74                  | -25.74         | -                            | -              | 102            | 257         | H        |
|        | * 7.29          | 27.21                | ADR  | 35.5           | -27                    | .22          | 35.93                      | 54                 | -18.07      | -                   | -              | -                            | -              | 102            | 257         | H        |
| 4      | * 15.649        | 37.38                | PK-U | 40.4           | -23.4                  | 0            | 54.38                      | -                  | -           | 74                  | -19.62         | -                            | -              | 164            | 112         | H        |
|        | * 15.649        | 25.59                | ADR  | 40.4           | -23.4                  | .22          | 42.81                      | 54                 | -11.19      | -                   | -              | -                            | -              | 164            | 112         | H        |
| 5      | * 10.978        | 37.12                | PK-U | 37.9           | -23.5                  | 0            | 51.52                      | -                  | -           | 74                  | -22.48         | -                            | -              | 89             | 135         | V        |
|        | * 10.978        | 24.81                | ADR  | 37.9           | -23.5                  | .22          | 39.43                      | 54                 | -14.57      | -                   | -              | -                            | -              | 89             | 135         | V        |
| 6      | 14.581          | 37.68                | PK-U | 39.4           | -23.9                  | 0            | 53.18                      | -                  | -           | -                   | -              | 68.2                         | -15.02         | 108            | 135         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# **DATA**

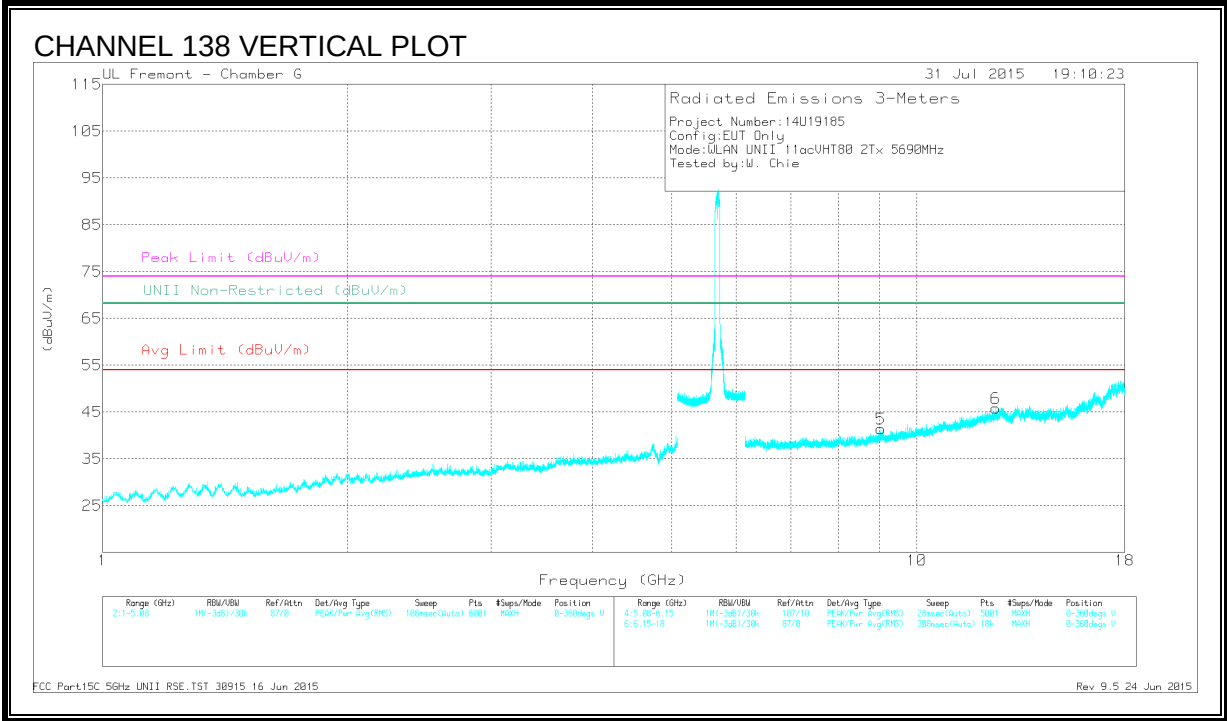
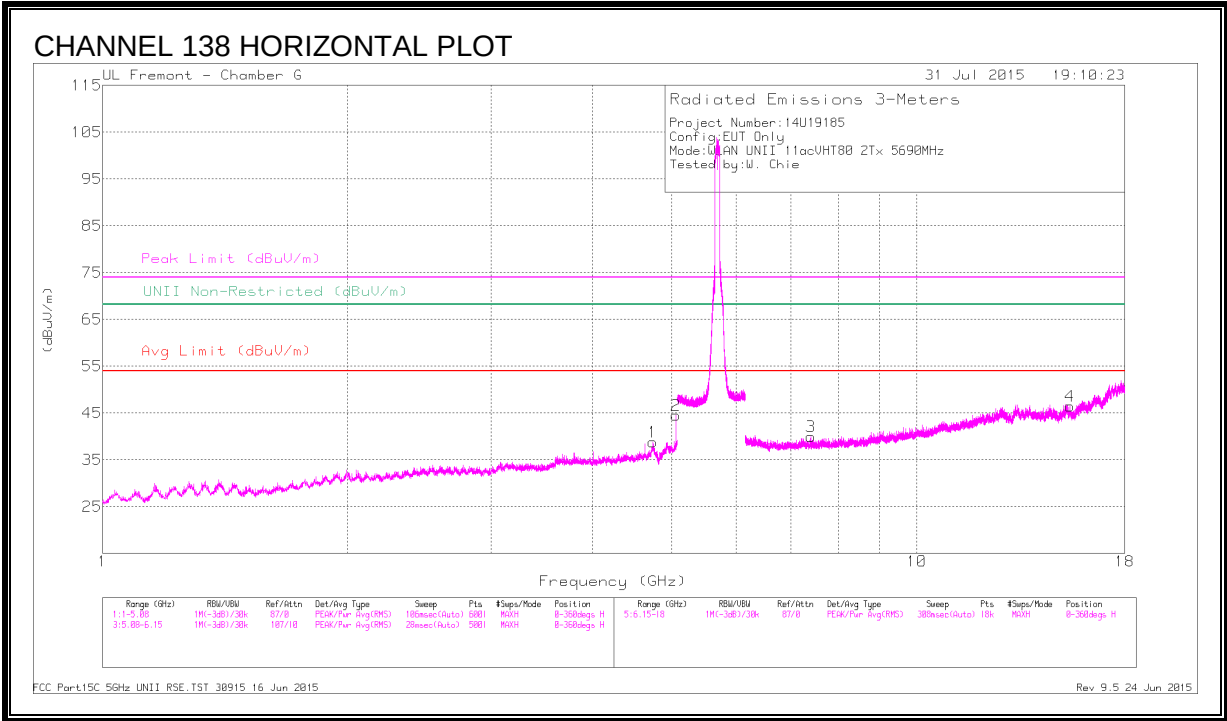
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.986         | 46.62                | PK-U | 34.2           | -31.4                  | 0            | 49.42                      | -                  | -           | 74                  | -24.58         | -                            | -              | 149            | 102         | H        |
|        | * 4.987         | 37.09                | ADR  | 34.2           | -31.4                  | .22          | 40.11                      | 54                 | -13.89      | -                   | -              | -                            | -              | 149            | 102         | H        |
| 2      | * 4.735         | 45.05                | PK-U | 33.9           | -31.9                  | 0            | 47.05                      | -                  | -           | 74                  | -26.95         | -                            | -              | 10             | 108         | V        |
|        | * 4.735         | 32.08                | ADR  | 33.9           | -31.9                  | .22          | 34.3                       | 54                 | -19.7       | -                   | -              | -                            | -              | 10             | 108         | V        |
| 4      | * 12.675        | 38.98                | PK-U | 39.3           | -24.5                  | 0            | 53.78                      | -                  | -           | 74                  | -20.22         | -                            | -              | 167            | 293         | H        |
|        | * 12.673        | 26.44                | ADR  | 39.3           | -24.5                  | .22          | 41.46                      | 54                 | -12.54      | -                   | -              | -                            | -              | 167            | 293         | H        |
| 6      | * 13.297        | 39.05                | PK-U | 39.6           | -24.6                  | 0            | 54.05                      | -                  | -           | 74                  | -19.95         | -                            | -              | 97             | 392         | V        |
|        | * 13.296        | 26.89                | ADR  | 39.6           | -24.6                  | .22          | 42.11                      | 54                 | -11.89      | -                   | -              | -                            | -              | 97             | 392         | V        |
| 3      | 8.777           | 40.47                | PK-U | 35.9           | -29                    | 0            | 47.37                      | -                  | -           | -                   | -              | 68.2                         | -20.83         | 154            | 225         | H        |
| 5      | 10.562          | 38.96                | PK-U | 37.6           | -26.7                  | 0            | 49.86                      | -                  | -           | -                   | -              | 68.2                         | -18.34         | 130            | 236         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 HARMONICS AND SPURIOUS EMISSIONS



# **DATA**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fi tr/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      | * 4.742         | 44.31                | PK-U | 33.9           | -31.9                  | 46.31                      | -                  | -           | 74                  | -27.69         | -                            | -              | 160            | 189         | H        |
|        | * 4.741         | 32.54                | ADR  | 33.9           | -31.9                  | 34.54                      | 54                 | -19.46      | -                   | -              | -                            | -              | 160            | 189         | H        |
| 2      | * 5.058         | 45.33                | PK-U | 34.2           | -30.7                  | 48.83                      | -                  | -           | 74                  | -25.17         | -                            | -              | 183            | 101         | H        |
|        | * 5.058         | 36.79                | ADR  | 34.2           | -30.7                  | 40.29                      | 54                 | -13.71      | -                   | -              | -                            | -              | 183            | 101         | H        |
| 3      | * 7.405         | 41.05                | PK-U | 35.6           | -30.6                  | 46.05                      | -                  | -           | 74                  | -27.95         | -                            | -              | 185            | 174         | H        |
|        | * 7.404         | 29.19                | ADR  | 35.6           | -30.6                  | 34.19                      | 54                 | -19.81      | -                   | -              | -                            | -              | 185            | 174         | H        |
| 4      | * 15.419        | 39.88                | PK-U | 40             | -26                    | 53.88                      | -                  | -           | 74                  | -20.12         | -                            | -              | 262            | 137         | H        |
|        | * 15.419        | 27.36                | ADR  | 40             | -26                    | 41.36                      | 54                 | -12.64      | -                   | -              | -                            | -              | 262            | 137         | H        |
| 5      | * 9.033         | 40.33                | PK-U | 36.2           | -28.3                  | 48.23                      | -                  | -           | 74                  | -25.77         | -                            | -              | 70             | 157         | V        |
|        | * 9.032         | 28.04                | ADR  | 36.2           | -28.3                  | 35.94                      | 54                 | -18.06      | -                   | -              | -                            | -              | 70             | 157         | V        |
| 6      | * 12.497        | 38.87                | PK-U | 39.1           | -25.3                  | 52.67                      | -                  | -           | 74                  | -21.33         | -                            | -              | 83             | 171         | V        |
|        | * 12.497        | 26.7                 | ADR  | 39.1           | -25.3                  | 40.5                       | 54                 | -13.5       | -                   | -              | -                            | -              | 83             | 171         | V        |

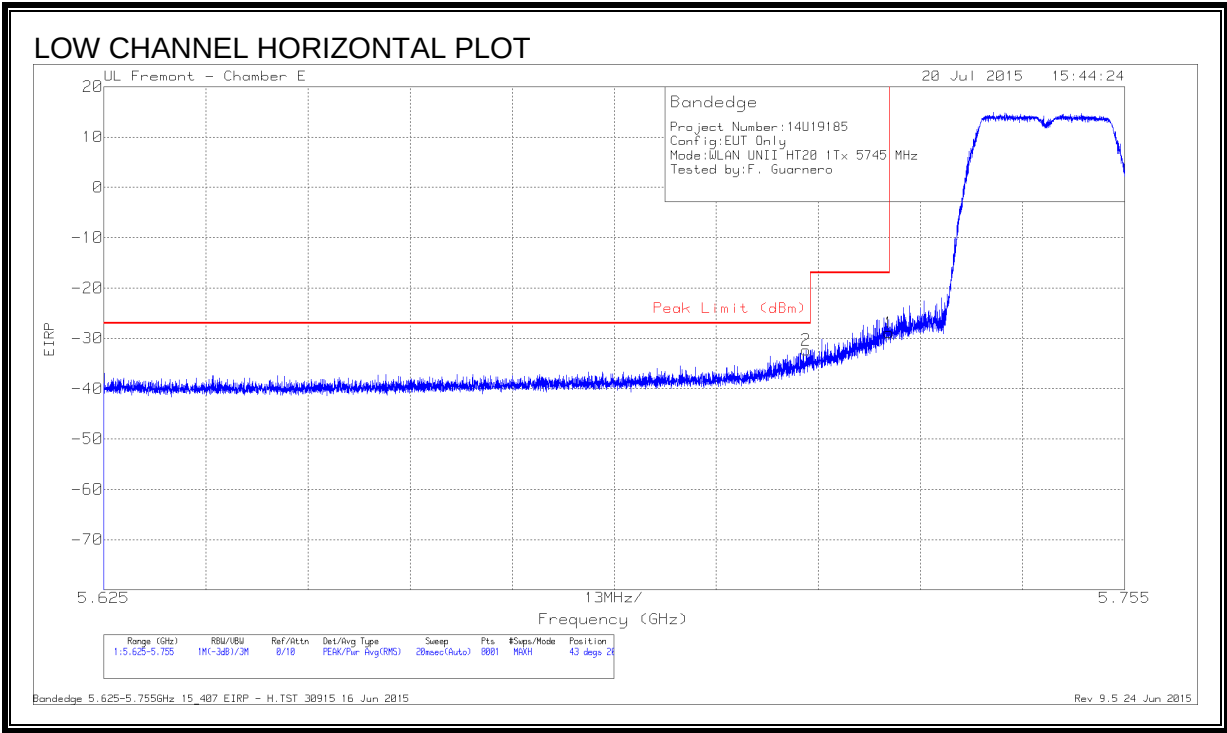
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.20. 802.11n HT20 1Tx MODE IN THE 5.8 GHz BAND

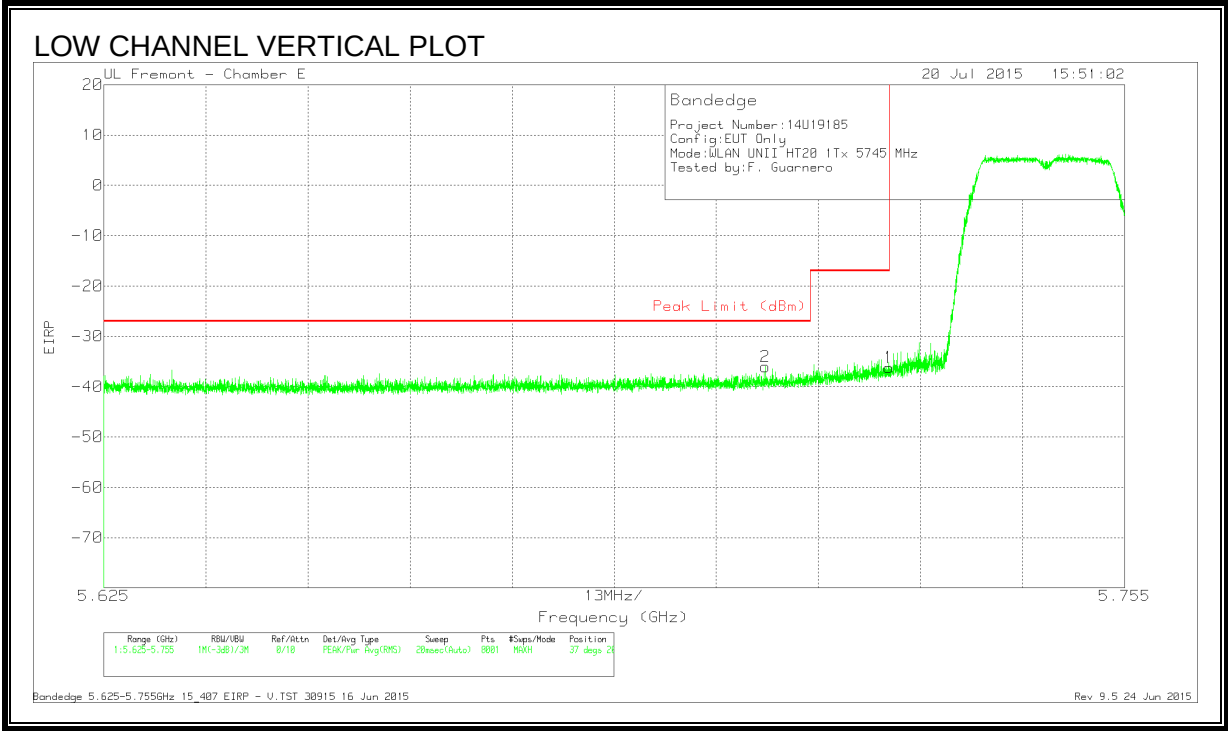
RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -54.38              | Pk  | 34.7           | -21                    | 11.8                   | -28.88                 | -17              | -11.88         | 43             | 201         | H        |
| 2      | 5.714           | -57.82              | Pk  | 34.7           | -21                    | 11.8                   | -32.32                 | -27              | -5.32          | 43             | 201         | H        |

Pk - Peak detector

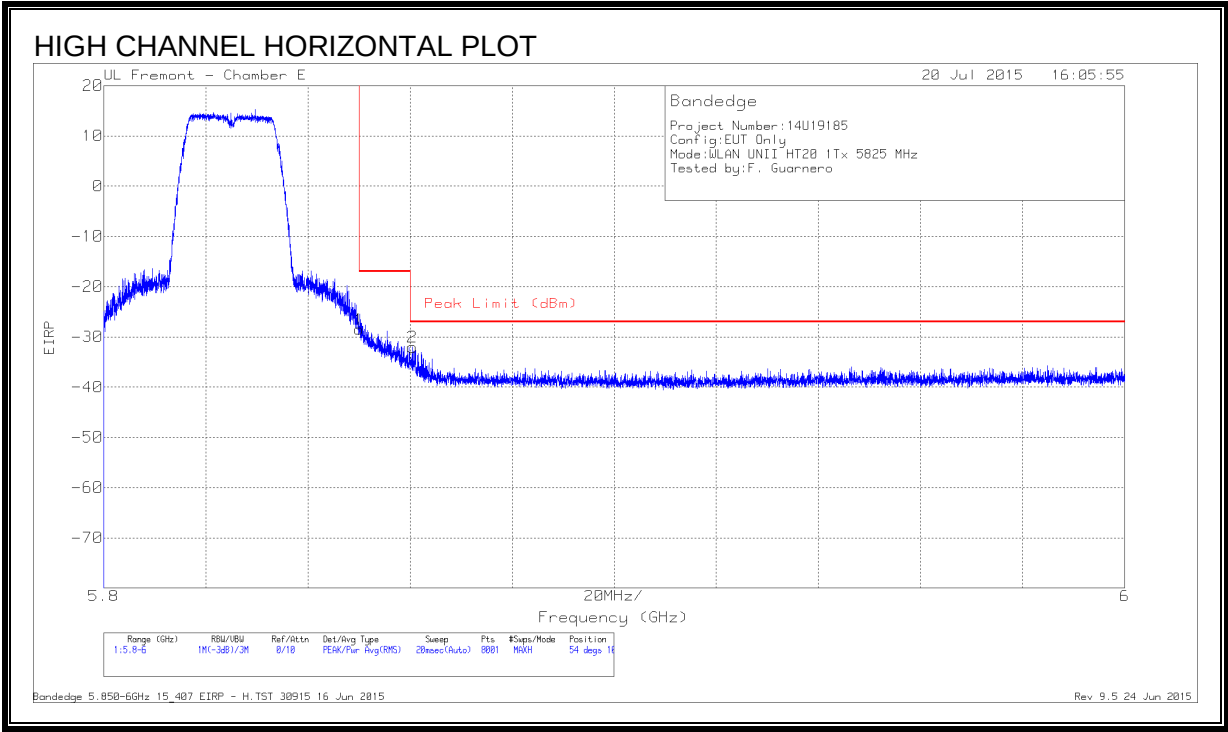


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -61.69              | Pk  | 34.7           | -21                    | 11.8                   | -36.19                 | -17              | -19.19         | 37             | 208         | V        |
| 2      | 5.709           | -61.53              | Pk  | 34.7           | -21                    | 11.8                   | -36.03                 | -27              | -9.03          | 37             | 208         | V        |

Pk - Peak detector

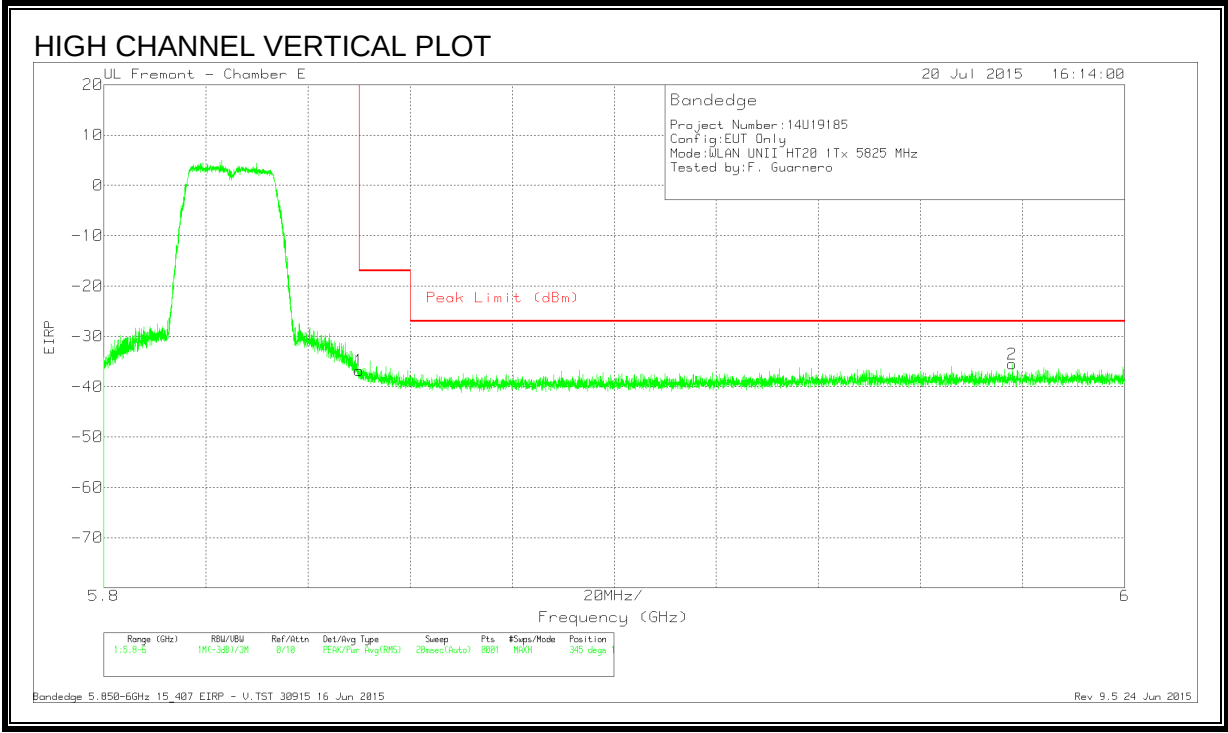
**RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -53.99              | Pk  | 34.9           | -21.2                  | 11.8                   | -28.49                 | -17              | -11.49         | 54             | 104         | H        |
| 2      | 5.86            | -57.44              | Pk  | 34.9           | -21.3                  | 11.8                   | -32.04                 | -27              | -5.04          | 54             | 104         | H        |

Pk - Peak detector

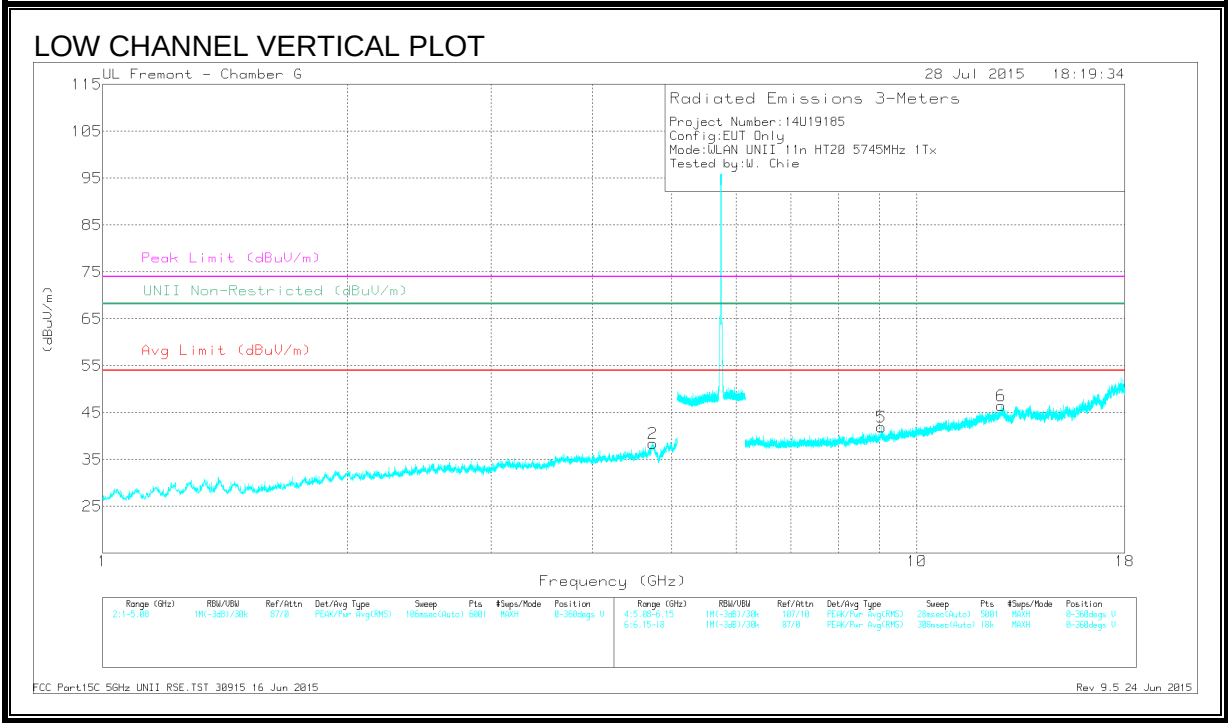
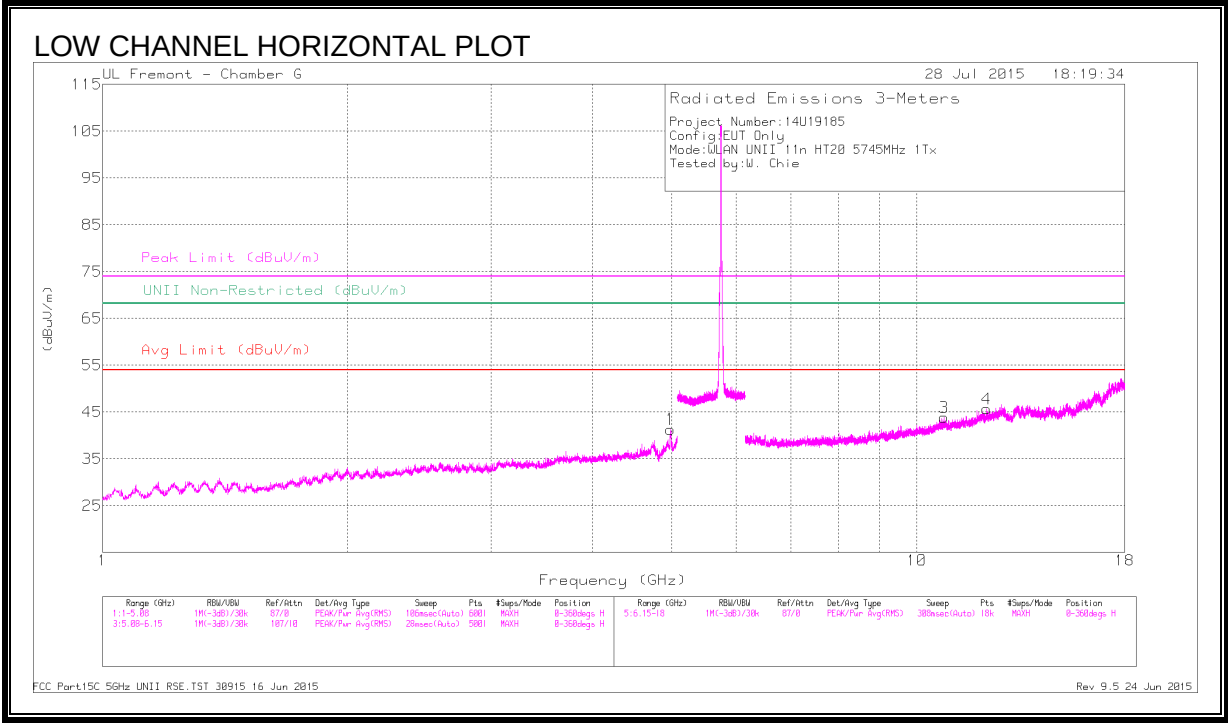


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -62.29              | Pk  | 34.9           | -21.2                  | 11.8                   | -36.79                 | -17              | -19.79         | 345            | 101         | V        |
| 2      | 5.978           | -61.5               | Pk  | 35.1           | -20.9                  | 11.8                   | -35.5                  | -27              | -8.5           | 345            | 101         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

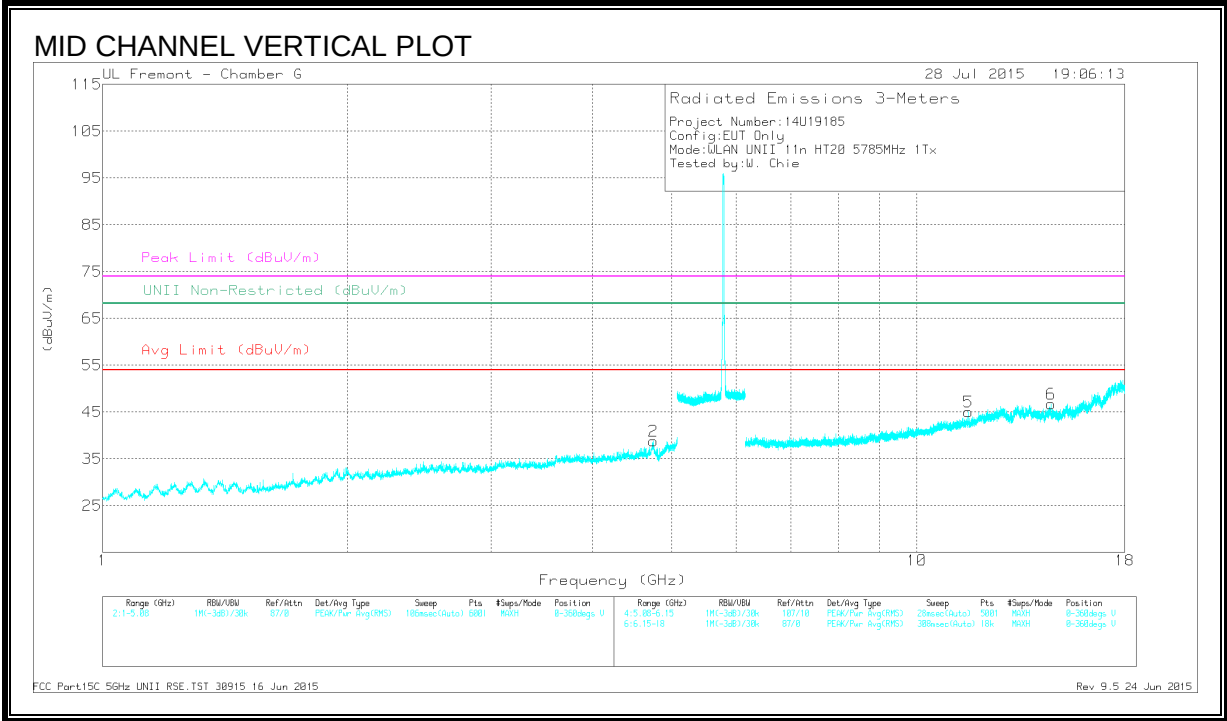
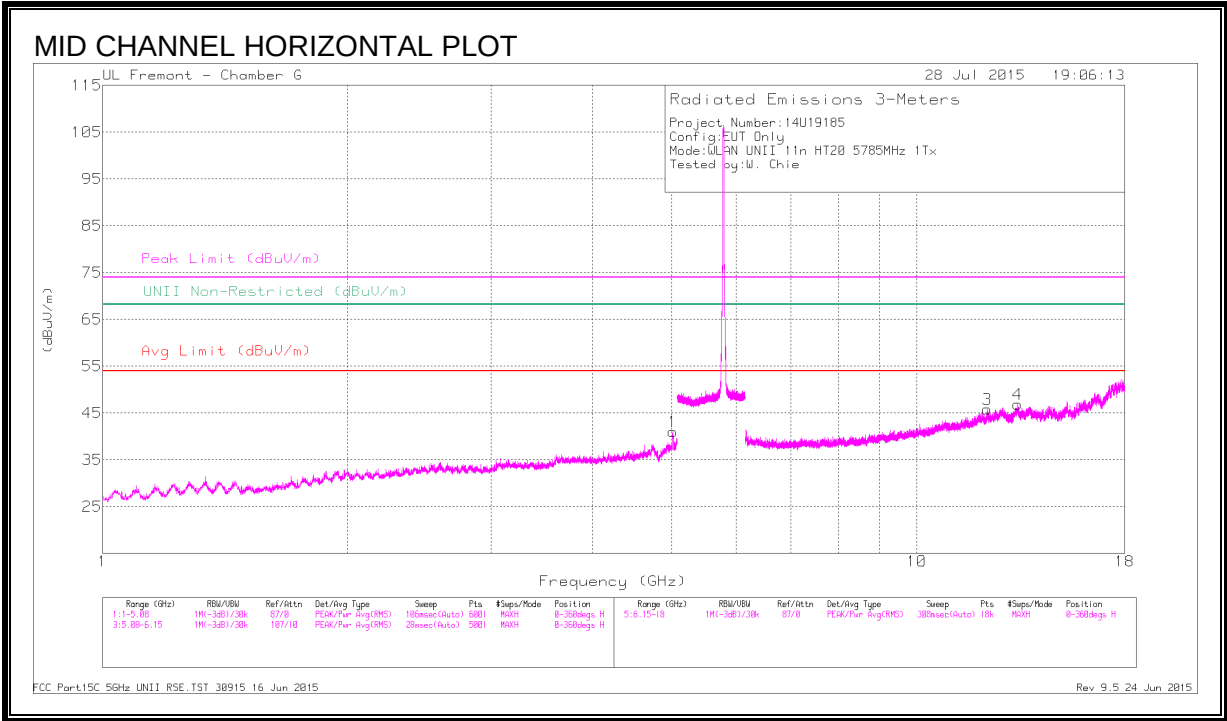
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cb/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.979         | 47.55                | PK-U | 34.2           | -31.4                 | 50.35                      | -                  | -           | 74                  | -23.65         | -                            | -              | 350            | 217         | H        |
|        | * 4.979         | 37.55                | ADR  | 34.2           | -31.4                 | 40.35                      | 54                 | -13.65      | -                   | -              | -                            | -              | 350            | 217         | H        |
| 2      | * 4.738         | 44.83                | PK-U | 33.9           | -31.9                 | 46.83                      | -                  | -           | 74                  | -27.17         | -                            | -              | 81             | 210         | V        |
|        | * 4.739         | 32.65                | ADR  | 33.9           | -31.9                 | 34.65                      | 54                 | -19.35      | -                   | -              | -                            | -              | 81             | 210         | V        |
| 3      | * 10.802        | 38.58                | PK-U | 38             | -26.4                 | 50.18                      | -                  | -           | 74                  | -23.82         | -                            | -              | 123            | 113         | H        |
|        | * 10.8          | 26.65                | ADR  | 38             | -26.4                 | 38.25                      | 54                 | -15.75      | -                   | -              | -                            | -              | 123            | 113         | H        |
| 4      | * 12.181        | 39.17                | PK-U | 39             | -25.6                 | 52.57                      | -                  | -           | 74                  | -21.43         | -                            | -              | 134            | 195         | H        |
|        | * 12.181        | 26.61                | ADR  | 39             | -25.6                 | 40.01                      | 54                 | -13.99      | -                   | -              | -                            | -              | 134            | 195         | H        |
| 5      | * 9.053         | 40.5                 | PK-U | 36.2           | -28.2                 | 48.5                       | -                  | -           | 74                  | -25.5          | -                            | -              | 119            | 106         | V        |
|        | * 9.051         | 28.08                | ADR  | 36.2           | -28.2                 | 36.08                      | 54                 | -17.92      | -                   | -              | -                            | -              | 119            | 106         | V        |
| 6      | * 12.691        | 38.21                | PK-U | 39.3           | -24.3                 | 53.21                      | -                  | -           | 74                  | -20.79         | -                            | -              | 315            | 321         | V        |
|        | * 12.692        | 26.07                | ADR  | 39.3           | -24.3                 | 41.07                      | 54                 | -12.93      | -                   | -              | -                            | -              | 315            | 321         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

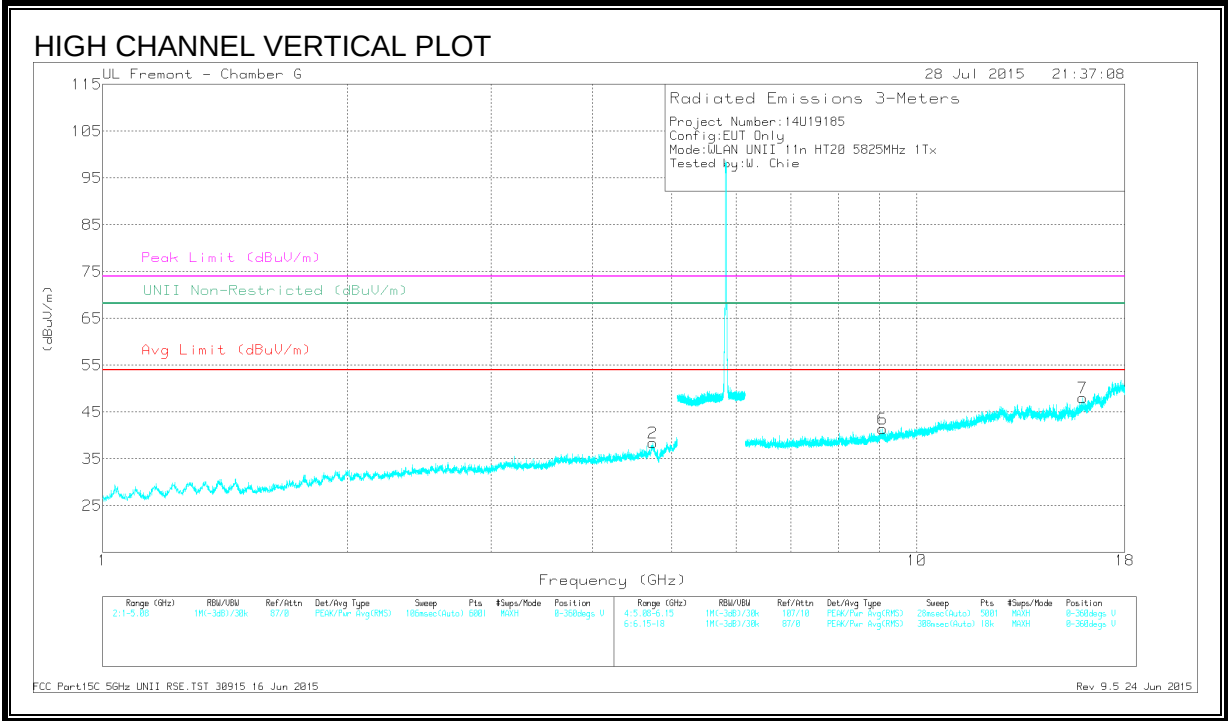
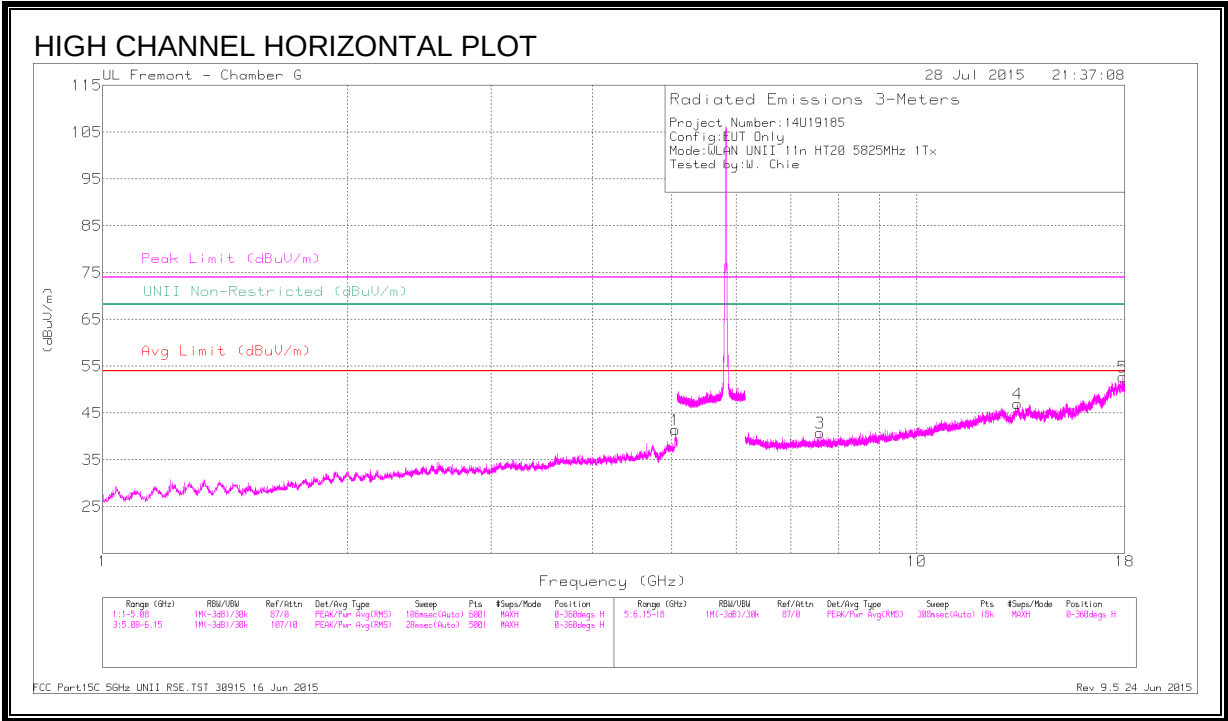
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cb/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 5.018         | 45.75                | PK-U | 34.2           | -31.5                 | 48.45                      | -                  | -           | 74                  | -25.55         | -                            | -              | 50             | 211         | H        |
|        | * 5.02          | 34.49                | ADR  | 34.2           | -31.5                 | 37.19                      | 54                 | -16.81      | -                   | -              | -                            | -              | 50             | 211         | H        |
| 2      | * 4.746         | 44.82                | PK-U | 33.9           | -32                   | 46.72                      | -                  | -           | 74                  | -27.28         | -                            | -              | 124            | 227         | V        |
|        | * 4.748         | 32.54                | ADR  | 33.9           | -32                   | 34.44                      | 54                 | -19.56      | -                   | -              | -                            | -              | 124            | 227         | V        |
| 3      | * 12.207        | 38.68                | PK-U | 39             | -24.7                 | 52.98                      | -                  | -           | 74                  | -21.02         | -                            | -              | 296            | 121         | H        |
|        | * 12.208        | 26.54                | ADR  | 39             | -24.7                 | 40.84                      | 54                 | -13.16      | -                   | -              | -                            | -              | 296            | 121         | H        |
| 4      | * 13.289        | 39.48                | PK-U | 39.6           | -24.6                 | 54.48                      | -                  | -           | 74                  | -19.52         | -                            | -              | 162            | 111         | H        |
|        | * 13.288        | 26.84                | ADR  | 39.6           | -24.6                 | 41.84                      | 54                 | -12.16      | -                   | -              | -                            | -              | 162            | 111         | H        |
| 5      | * 11.564        | 39.06                | PK-U | 38.3           | -26.2                 | 51.16                      | -                  | -           | 74                  | -22.84         | -                            | -              | 37             | 208         | V        |
|        | * 11.564        | 27.05                | ADR  | 38.3           | -26.2                 | 39.15                      | 54                 | -14.85      | -                   | -              | -                            | -              | 37             | 208         | V        |
| 6      | 14.612          | 40.49                | PK-U | 39.9           | -27.2                 | 53.19                      | -                  | -           | -                   | -              | 68.2                         | -15.01         | 86             | 186         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



**DATA**

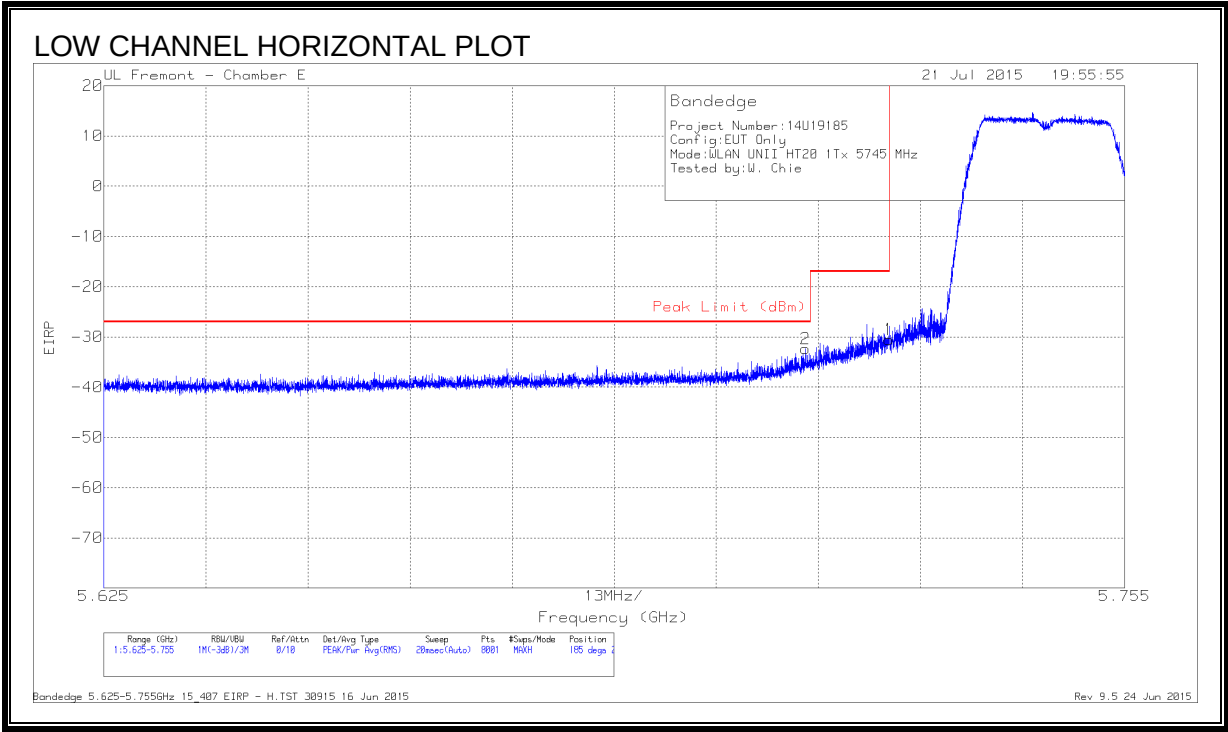
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cb/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 5.048         | 44.95                | PK-U | 34.2           | -31                   | 48.15                      | -                  | -           | 74                  | -25.85         | -                            | -              | 33             | 211         | H        |
|        | * 5.048         | 34.45                | ADR  | 34.2           | -31                   | 37.65                      | 54                 | -16.35      | -                   | -              | -                            | -              | 33             | 211         | H        |
| 2      | * 4.739         | 44.6                 | PK-U | 33.9           | -31.9                 | 46.6                       | -                  | -           | 74                  | -27.4          | -                            | -              | 11             | 141         | V        |
|        | * 4.739         | 32.59                | ADR  | 33.9           | -31.9                 | 34.59                      | 54                 | -19.41      | -                   | -              | -                            | -              | 11             | 141         | V        |
| 3      | * 7.606         | 41.56                | PK-U | 35.6           | -30.4                 | 46.76                      | -                  | -           | 74                  | -27.24         | -                            | -              | 172            | 166         | H        |
|        | * 7.606         | 29.31                | ADR  | 35.6           | -30.4                 | 34.51                      | 54                 | -19.49      | -                   | -              | -                            | -              | 172            | 166         | H        |
| 4      | * 13.298        | 39.07                | PK-U | 39.6           | -24.6                 | 54.07                      | -                  | -           | 74                  | -19.93         | -                            | -              | 211            | 150         | H        |
|        | * 13.297        | 26.91                | ADR  | 39.6           | -24.6                 | 41.91                      | 54                 | -12.09      | -                   | -              | -                            | -              | 211            | 150         | H        |
| 5      | * 17.913        | 37.36                | PK-U | 41.4           | -19.1                 | 59.66                      | -                  | -           | 74                  | -14.34         | -                            | -              | 109            | 103         | H        |
|        | * 17.912        | 24.99                | ADR  | 41.4           | -19.2                 | 47.19                      | 54                 | -6.81       | -                   | -              | -                            | -              | 109            | 103         | H        |
| 6      | * 9.081         | 40.5                 | PK-U | 36.2           | -28.3                 | 48.4                       | -                  | -           | 74                  | -25.6          | -                            | -              | 124            | 174         | V        |
|        | * 9.081         | 27.98                | ADR  | 36.2           | -28.3                 | 35.88                      | 54                 | -18.12      | -                   | -              | -                            | -              | 124            | 174         | V        |
| 7      | * 15.995        | 39.78                | PK-U | 40.4           | -24.9                 | 55.28                      | -                  | -           | 74                  | -18.72         | -                            | -              | 194            | 311         | V        |
|        | * 15.995        | 27.41                | ADR  | 40.4           | -24.9                 | 42.91                      | 54                 | -11.09      | -                   | -              | -                            | -              | 194            | 311         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

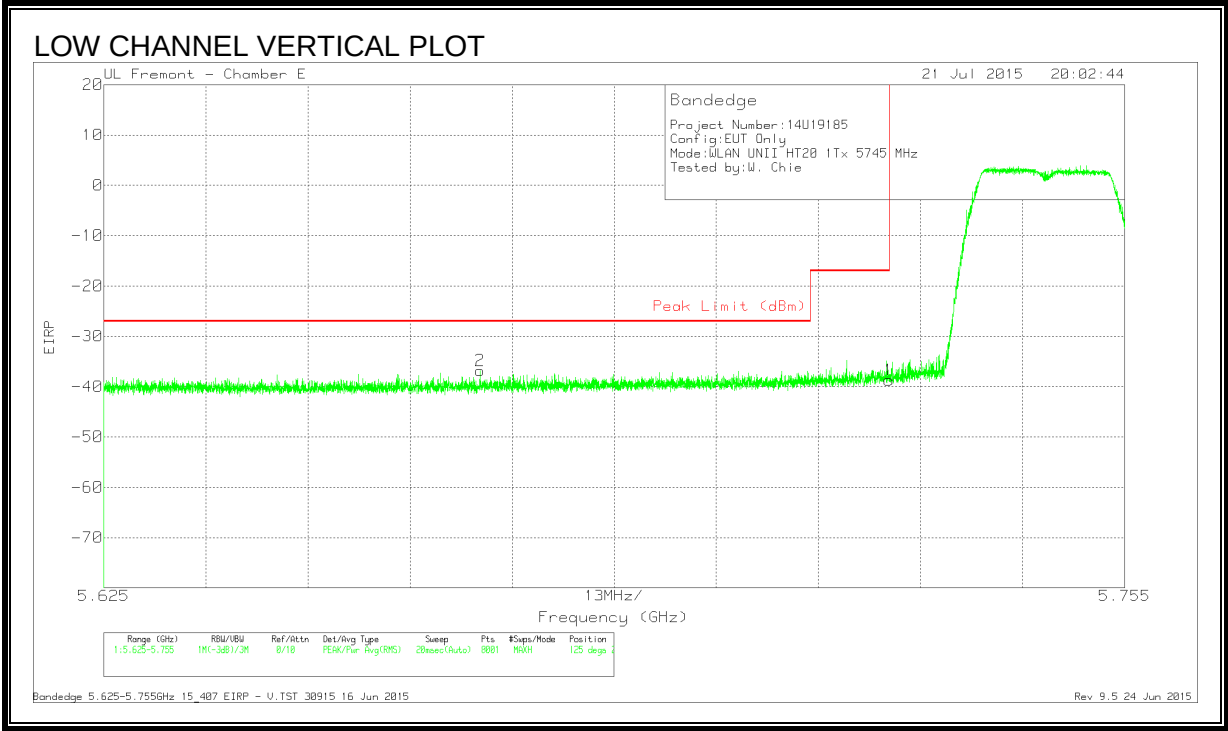
**RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -55.99              | Pk  | 34.7           | -21                    | 11.8                   | -30.49                 | -17              | -13.49         | 185            | 214         | H        |
| 2      | 5.714           | -57.84              | Pk  | 34.7           | -21                    | 11.8                   | -32.34                 | -27              | -5.34          | 185            | 214         | H        |

Pk - Peak detector

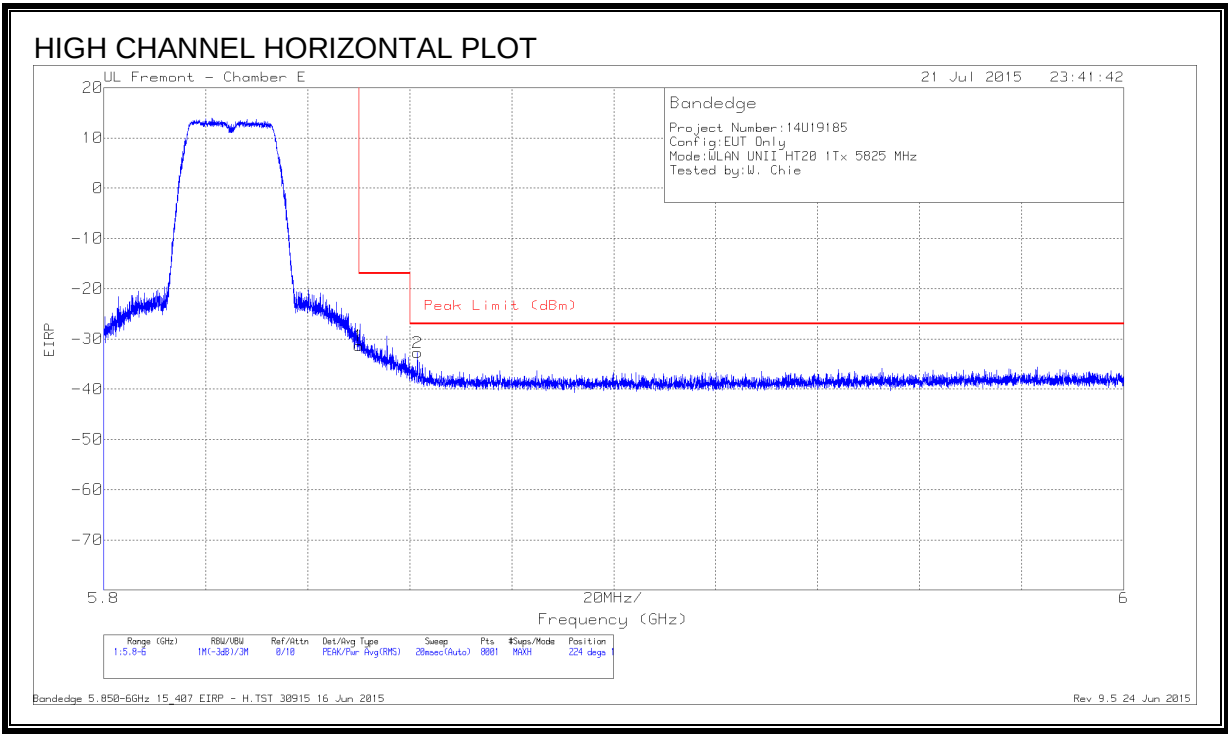


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -64.19              | Pk  | 34.7           | -21                    | 11.8                   | -38.69                 | -17              | -21.69         | 125            | 283         | V        |
| 2      | 5.673           | -62.18              | Pk  | 34.6           | -21                    | 11.8                   | -36.78                 | -27              | -9.78          | 125            | 283         | V        |

Pk - Peak detector

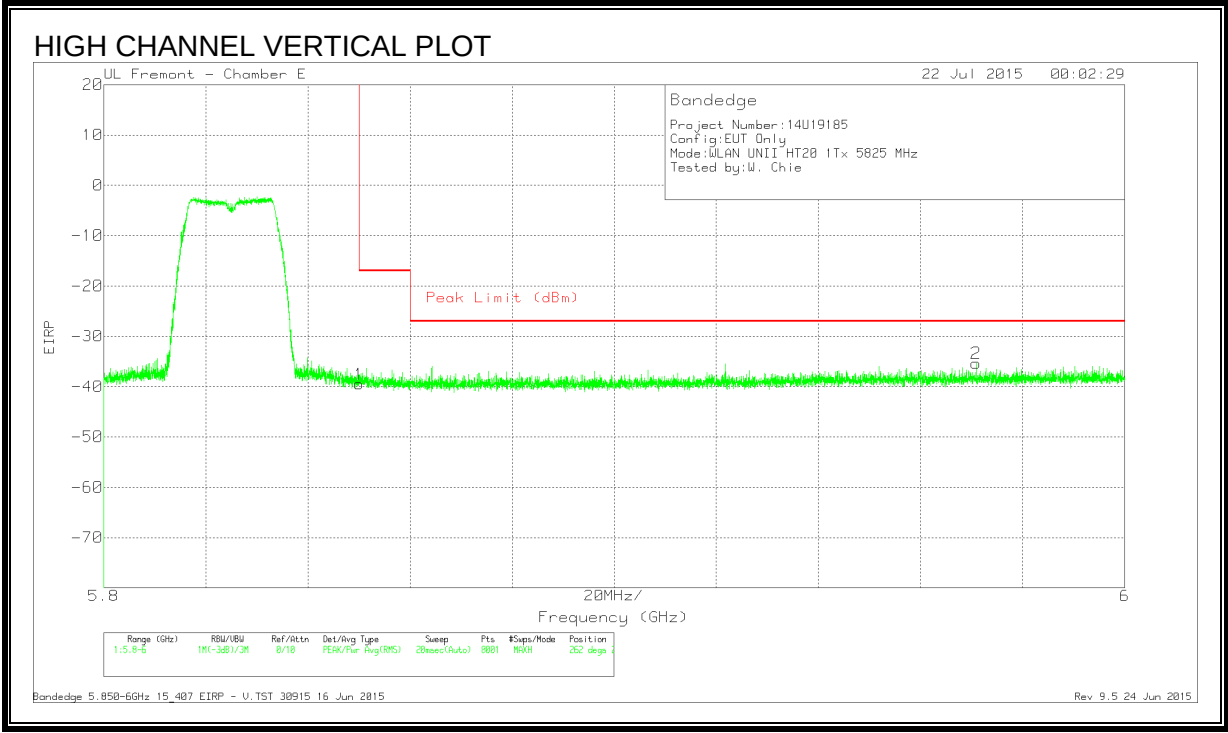
**RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -56.84              | Pk  | 34.9           | -21.2                  | 11.8                   | -31.34                 | -17              | -14.34         | 224            | 181         | H        |
| 2      | 5.862           | -58.11              | Pk  | 34.9           | -21.3                  | 11.8                   | -32.71                 | -27              | -5.71          | 224            | 181         | H        |

Pk - Peak detector

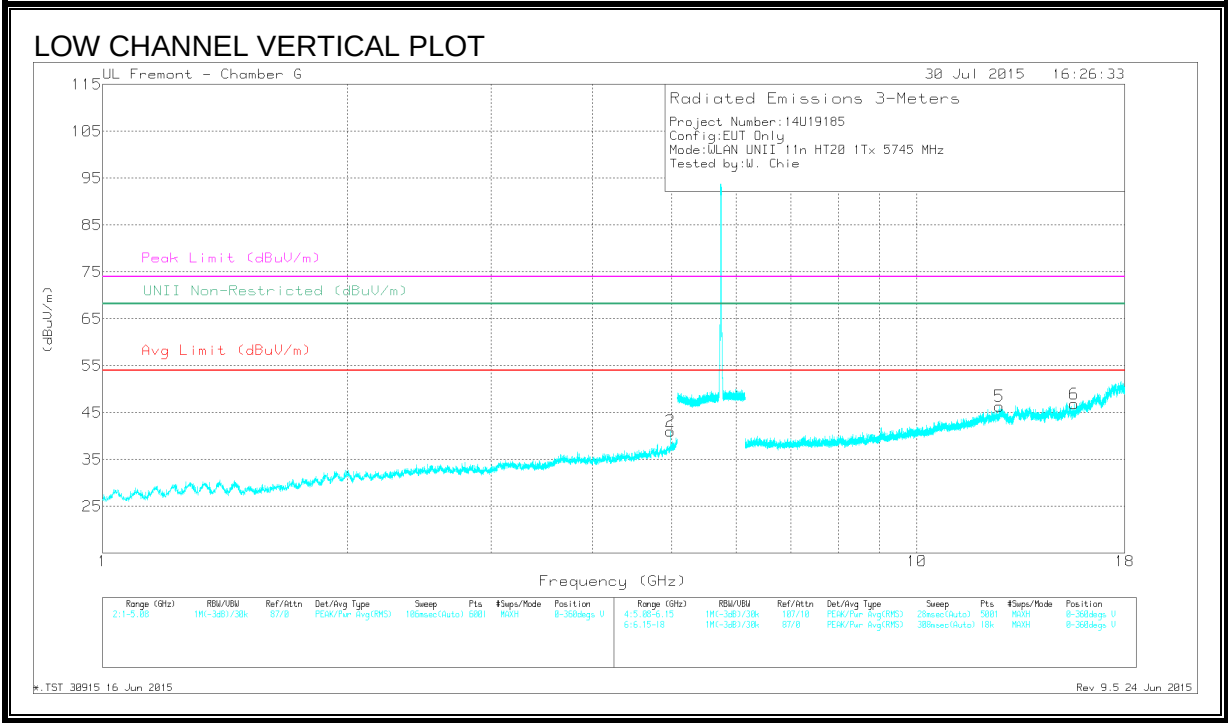
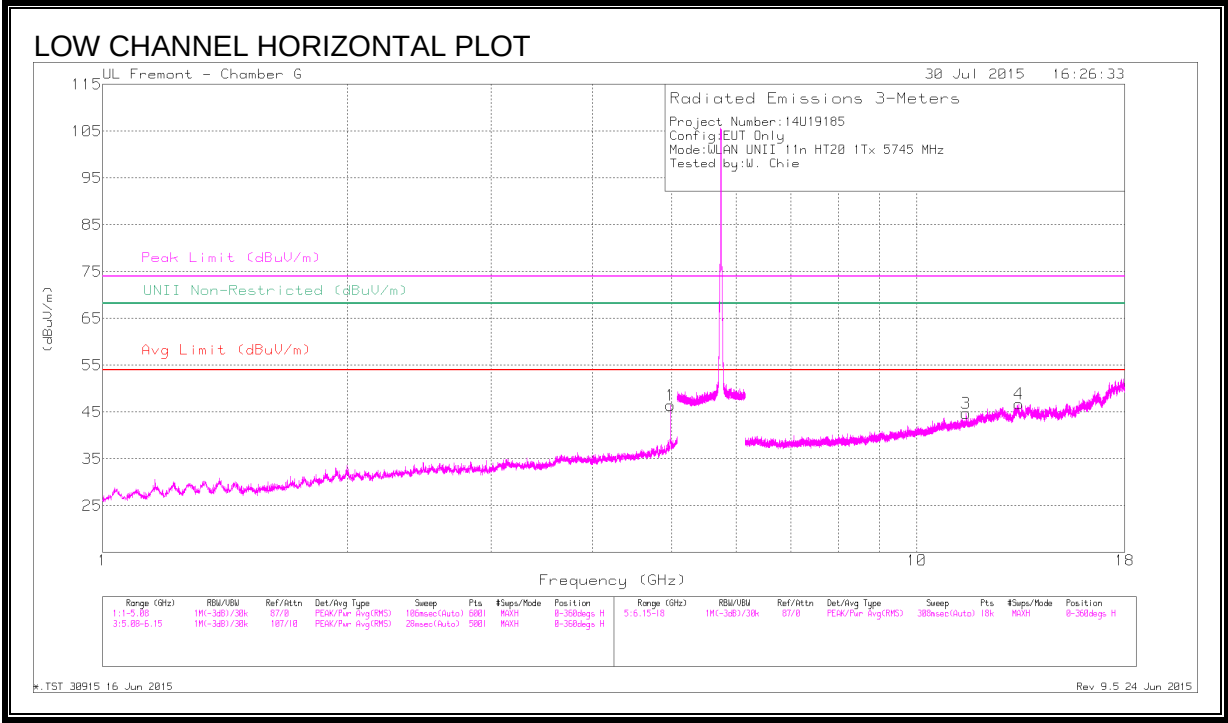


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -65                 | Pk  | 34.9           | -21.2                  | 11.8                   | -39.5                  | -17              | -22.5          | 262            | 247         | V        |
| 2      | 5.971           | -61.25              | Pk  | 35.1           | -21                    | 11.8                   | -35.35                 | -27              | -8.35          | 262            | 247         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

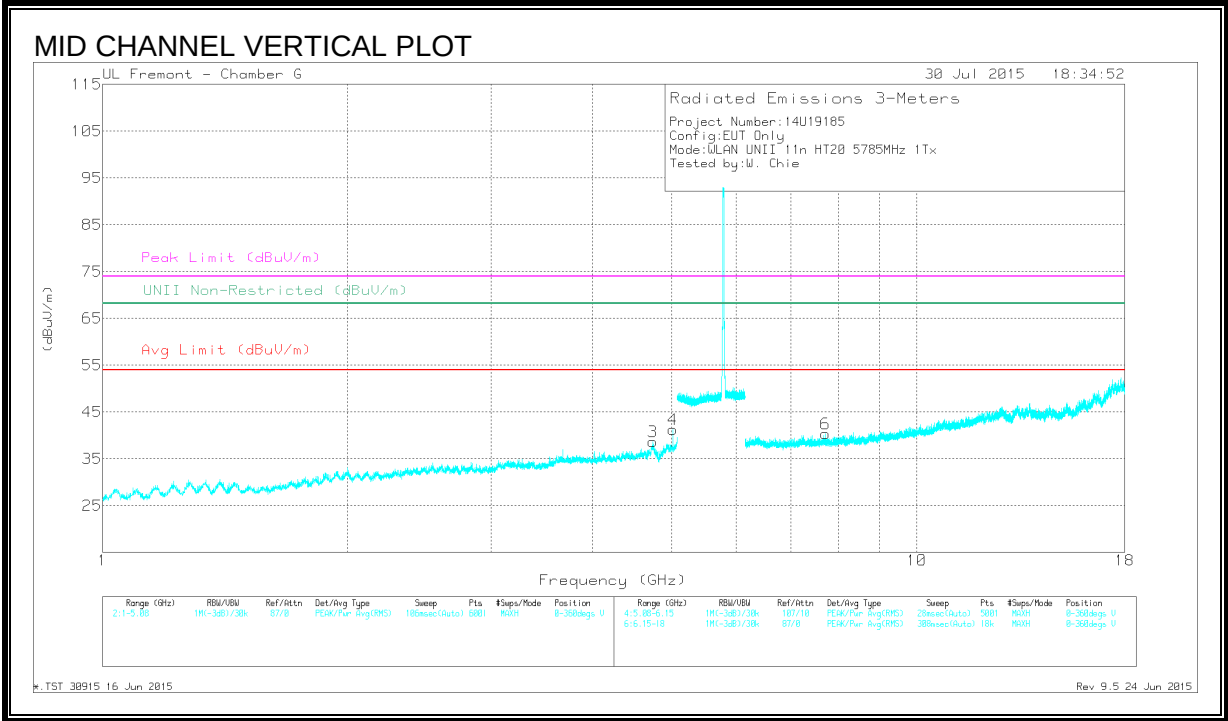
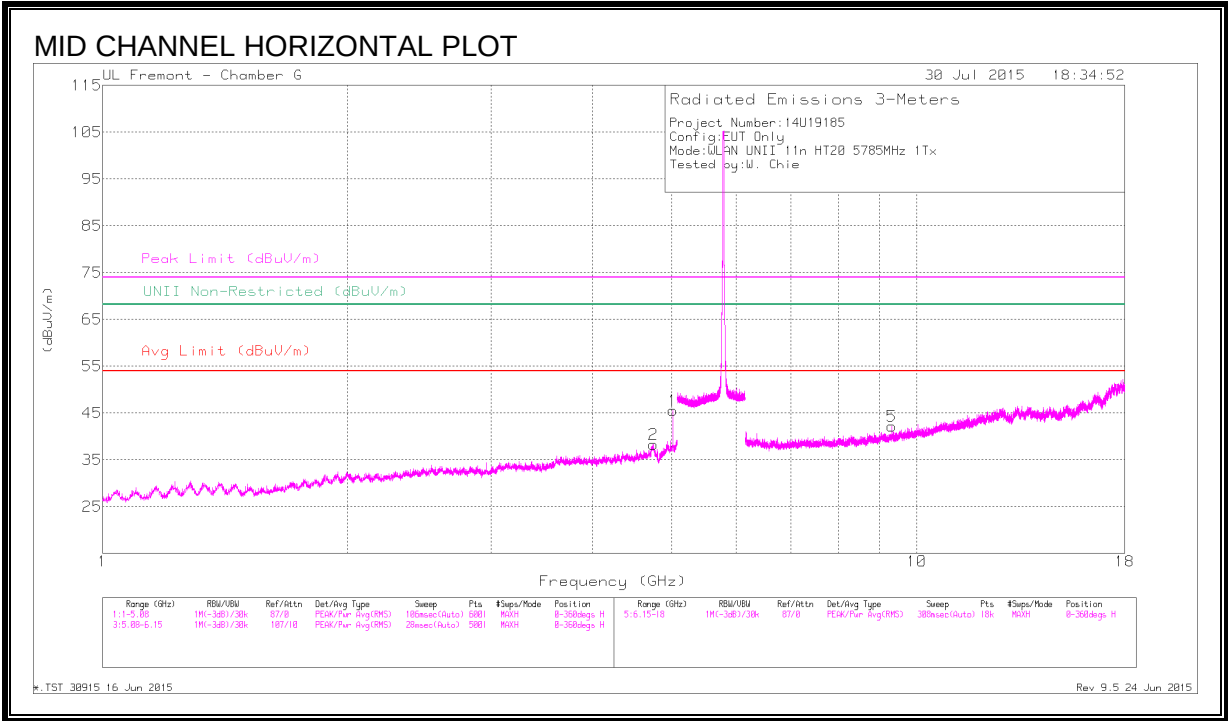
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Ftr /Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.979         | 49.09                | PK-U | 34.2           | -31.4                 | 51.89                      | -                  | -           | 74                  | -22.11         | -                            | -              | 234            | 100         | H        |
|        | * 4.979         | 42.98                | ADR  | 34.2           | -31.4                 | 45.78                      | 54                 | -8.22       | -                   | -              | -                            | -              | 234            | 100         | H        |
| 2      | * 4.979         | 46.38                | PK-U | 34.2           | -31.4                 | 49.18                      | -                  | -           | 74                  | -24.82         | -                            | -              | 263            | 188         | V        |
|        | * 4.979         | 38.39                | ADR  | 34.2           | -31.4                 | 41.19                      | 54                 | -12.81      | -                   | -              | -                            | -              | 263            | 188         | V        |
| 3      | * 11.496        | 39.13                | PK-U | 38.2           | -25.9                 | 51.43                      | -                  | -           | 74                  | -22.57         | -                            | -              | 285            | 347         | H        |
|        | * 11.495        | 26.65                | ADR  | 38.2           | -25.9                 | 38.95                      | 54                 | -15.05      | -                   | -              | -                            | -              | 285            | 347         | H        |
| 4      | * 13.339        | 39.73                | PK-U | 39.6           | -25.8                 | 53.53                      | -                  | -           | 74                  | -20.47         | -                            | -              | 294            | 150         | H        |
|        | * 13.339        | 27.33                | ADR  | 39.6           | -25.7                 | 41.23                      | 54                 | -12.77      | -                   | -              | -                            | -              | 294            | 150         | H        |
| 5      | * 12.626        | 38.88                | PK-U | 39.3           | -25.2                 | 52.98                      | -                  | -           | 74                  | -21.02         | -                            | -              | 65             | 171         | V        |
|        | * 12.625        | 26.75                | ADR  | 39.3           | -25.2                 | 40.85                      | 54                 | -13.15      | -                   | -              | -                            | -              | 65             | 171         | V        |
| 6      | * 15.598        | 39.33                | PK-U | 40.2           | -26.7                 | 52.83                      | -                  | -           | 74                  | -21.17         | -                            | -              | 130            | 125         | V        |
|        | * 15.598        | 27.61                | ADR  | 40.2           | -26.7                 | 41.11                      | 54                 | -12.89      | -                   | -              | -                            | -              | 130            | 125         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

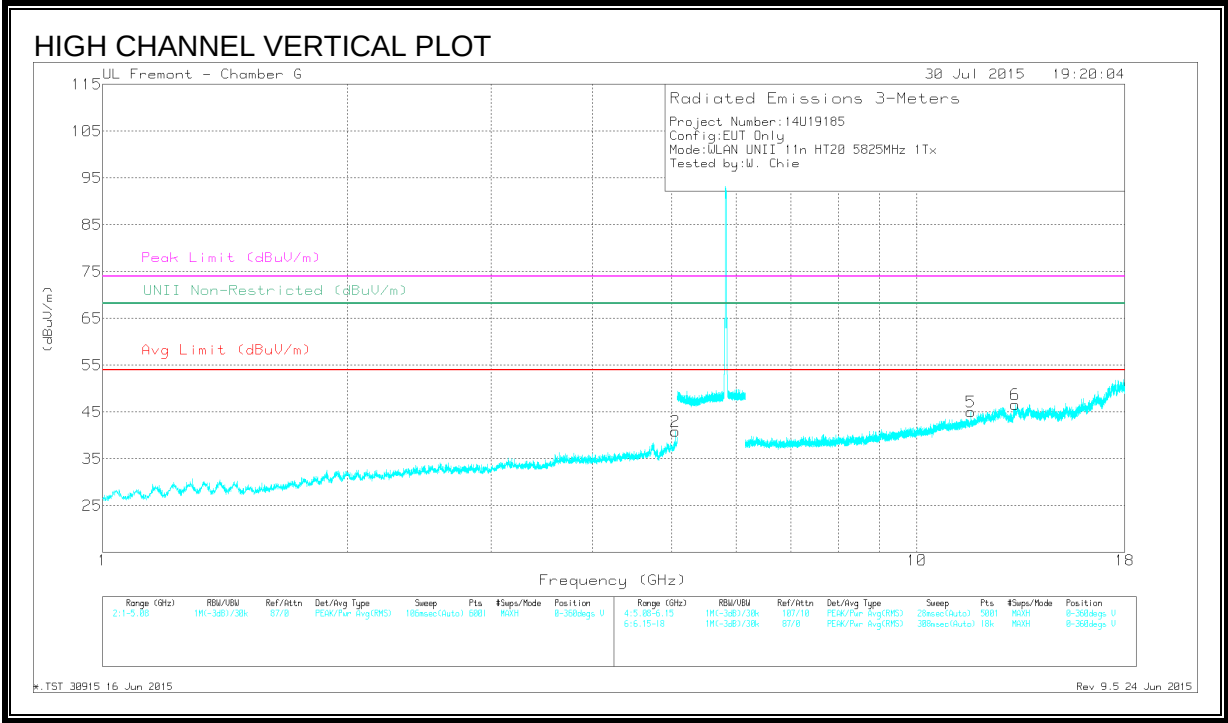
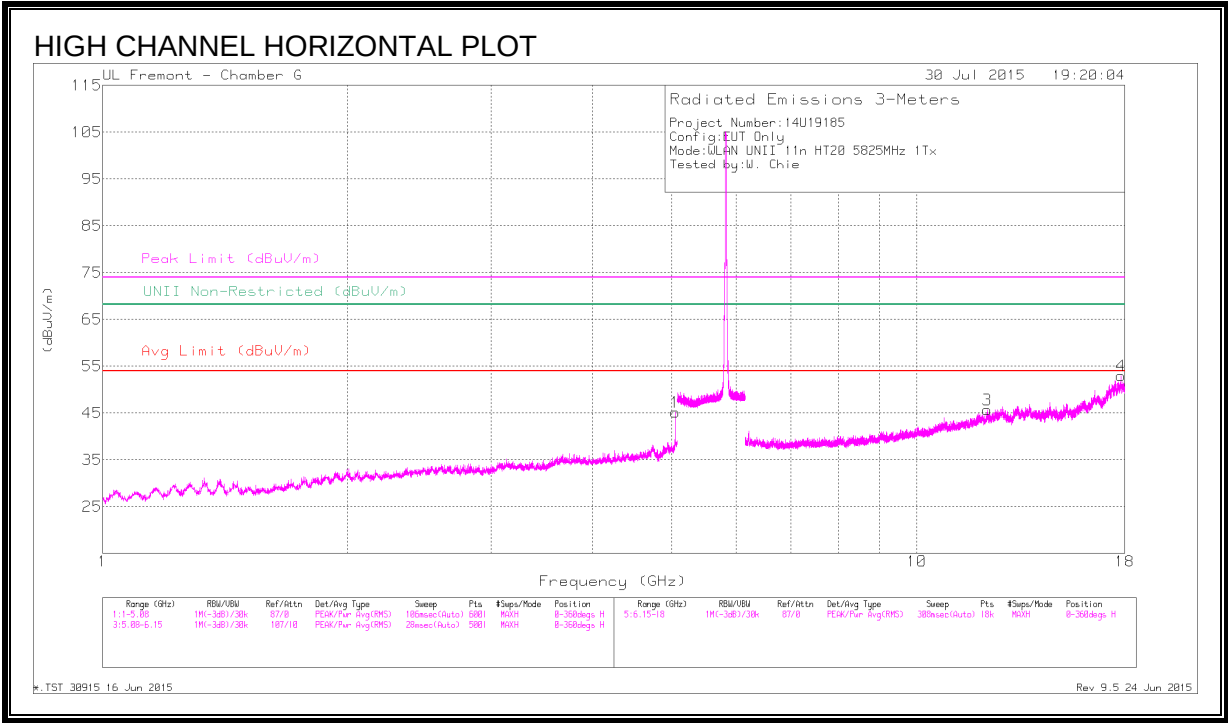
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fit r/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 5.014         | 48.07                | PK-U | 34.2           | -31.6                  | 50.67                      | -                  | -           | 74                  | -23.33         | -                            | -              | 289            | 115         | H        |
|        | * 5.014         | 42.08                | ADR  | 34.2           | -31.6                  | 44.68                      | 54                 | -9.32       | -                   | -              | -                            | -              | 289            | 115         | H        |
| 2      | * 4.745         | 44.31                | PK-U | 33.9           | -32                    | 46.21                      | -                  | -           | 74                  | -27.79         | -                            | -              | 360            | 252         | H        |
|        | * 4.745         | 32.14                | ADR  | 33.9           | -31.9                  | 34.14                      | 54                 | -19.86      | -                   | -              | -                            | -              | 360            | 252         | H        |
| 3      | * 4.74          | 44.63                | PK-U | 33.9           | -31.8                  | 46.73                      | -                  | -           | 74                  | -27.27         | -                            | -              | 229            | 106         | V        |
|        | * 4.74          | 32.48                | ADR  | 33.9           | -31.8                  | 34.58                      | 54                 | -19.42      | -                   | -              | -                            | -              | 229            | 106         | V        |
| 4      | * 5.014         | 45.43                | PK-U | 34.2           | -31.6                  | 48.03                      | -                  | -           | 74                  | -25.97         | -                            | -              | 315            | 161         | V        |
|        | * 5.014         | 37.64                | ADR  | 34.2           | -31.6                  | 40.24                      | 54                 | -13.76      | -                   | -              | -                            | -              | 315            | 161         | V        |
| 5      | * 9.315         | 40.51                | PK-U | 36.4           | -28.5                  | 48.41                      | -                  | -           | 74                  | -25.59         | -                            | -              | 23             | 326         | H        |
|        | * 9.315         | 28.21                | ADR  | 36.4           | -28.5                  | 36.11                      | 54                 | -17.89      | -                   | -              | -                            | -              | 23             | 326         | H        |
| 6      | * 7.723         | 41.7                 | PK-U | 35.6           | -30.3                  | 47                         | -                  | -           | 74                  | -27            | -                            | -              | 324            | 123         | V        |
|        | * 7.721         | 29.28                | ADR  | 35.6           | -30.3                  | 34.58                      | 54                 | -19.42      | -                   | -              | -                            | -              | 324            | 123         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fit r/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      | * 5.048         | 46.99                | PK-U | 34.2           | -31                    | 50.19                      | -                  | -           | 74                  | -23.81         | -                            | -              | 285            | 113         | H        |
|        | * 5.048         | 39.95                | ADR  | 34.2           | -31                    | 43.15                      | 54                 | -10.85      | -                   | -              | -                            | -              | 285            | 113         | H        |
| 2      | * 5.048         | 44.2                 | PK-U | 34.2           | -31                    | 47.4                       | -                  | -           | 74                  | -26.6          | -                            | -              | 314            | 139         | V        |
|        | * 5.048         | 35.13                | ADR  | 34.2           | -31                    | 38.33                      | 54                 | -15.67      | -                   | -              | -                            | -              | 314            | 139         | V        |
| 3      | * 12.191        | 38.9                 | PK-U | 39             | -25.5                  | 52.4                       | -                  | -           | 74                  | -21.6          | -                            | -              | 138            | 169         | H        |
|        | * 12.192        | 26.54                | ADR  | 39             | -25.4                  | 40.14                      | 54                 | -13.86      | -                   | -              | -                            | -              | 138            | 169         | H        |
| 4      | * 17.814        | 37.71                | PK-U | 41.4           | -19.6                  | 59.51                      | -                  | -           | 74                  | -14.49         | -                            | -              | 45             | 394         | H        |
|        | * 17.813        | 25.48                | ADR  | 41.4           | -19.6                  | 47.28                      | 54                 | -6.72       | -                   | -              | -                            | -              | 45             | 394         | H        |
| 5      | * 11.649        | 43.93                | PK-U | 38.4           | -26.3                  | 56.03                      | -                  | -           | 74                  | -17.97         | -                            | -              | 318            | 213         | V        |
|        | * 11.65         | 30.95                | ADR  | 38.4           | -26.3                  | 43.05                      | 54                 | -10.95      | -                   | -              | -                            | -              | 318            | 213         | V        |
| 6      | 13.205          | 39.81                | PK-U | 39.4           | -25.1                  | 54.11                      | -                  | -           | -                   | -              | 68.2                         | -14.09         | 316            | 138         | V        |

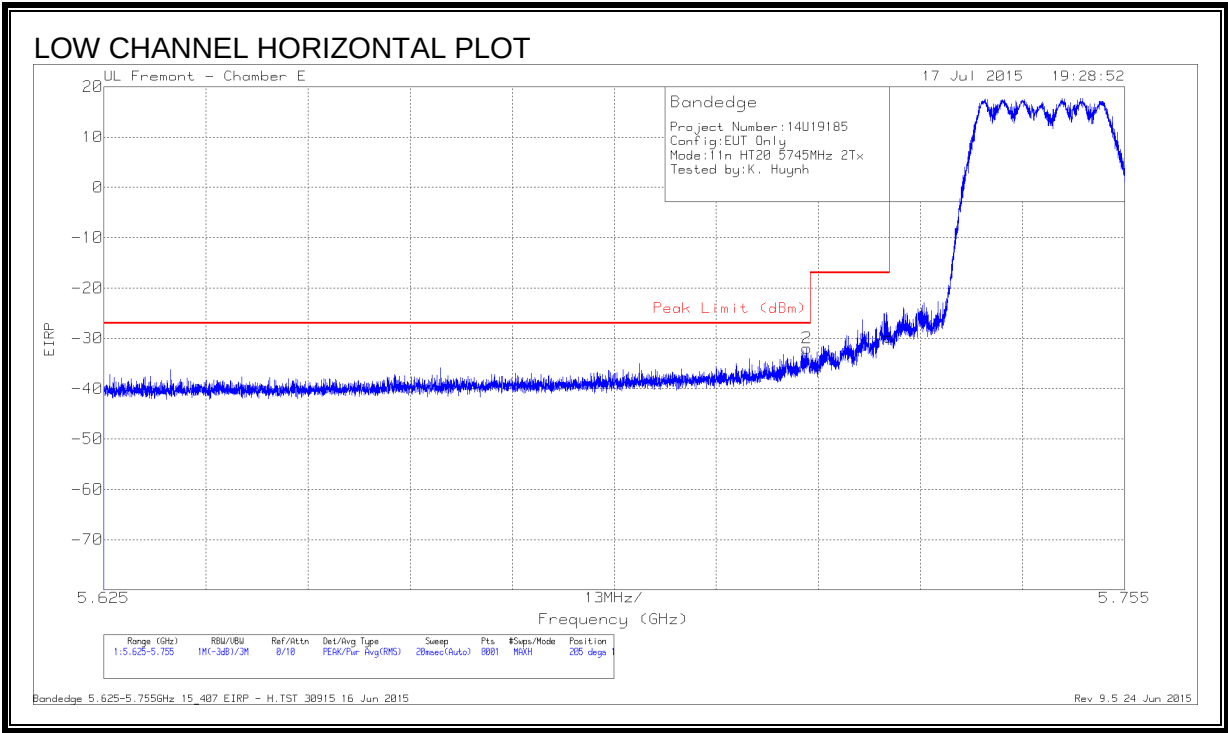
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.21. 802.11n HT20 2Tx CDD MODE IN THE 5.8 GHz BAND

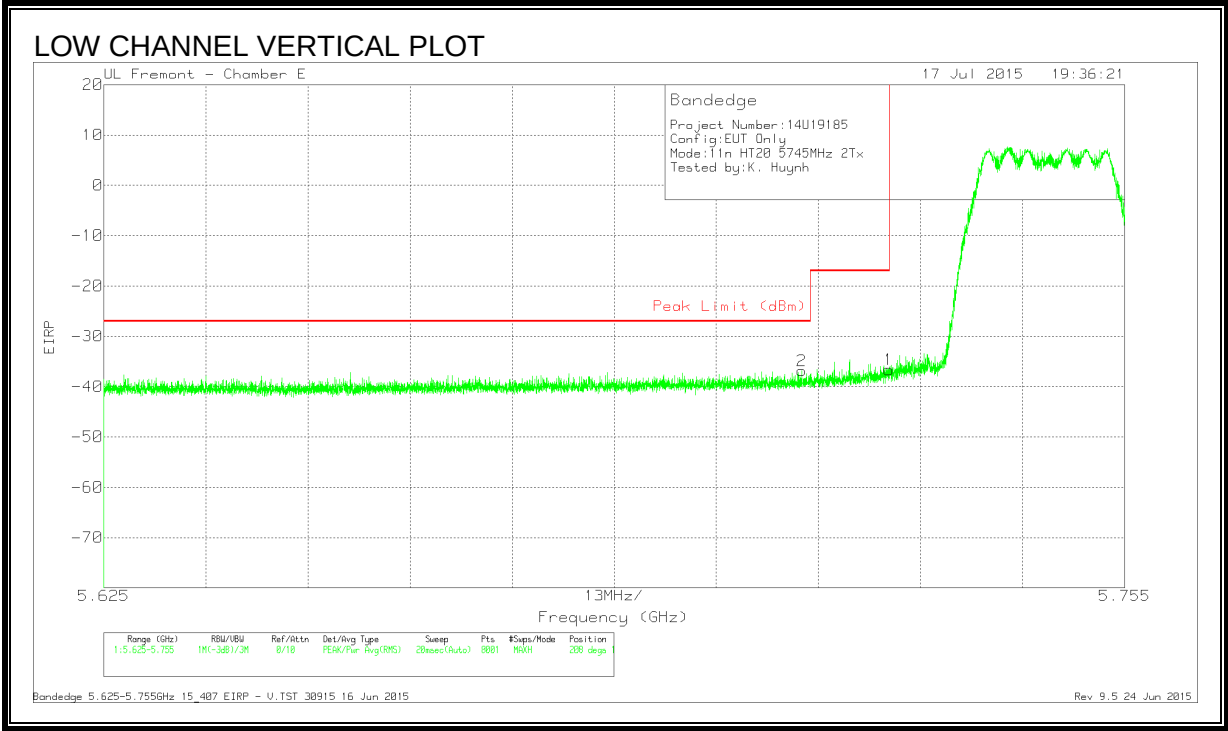
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -55.32              | Pk  | 34.7           | -21                    | 11.8                   | -29.82                 | -17              | -12.82         | 205            | 173         | H        |
| 2      | 5.715           | -57.43              | Pk  | 34.7           | -21                    | 11.8                   | -31.93                 | -27              | -4.93          | 205            | 173         | H        |

Pk - Peak detector

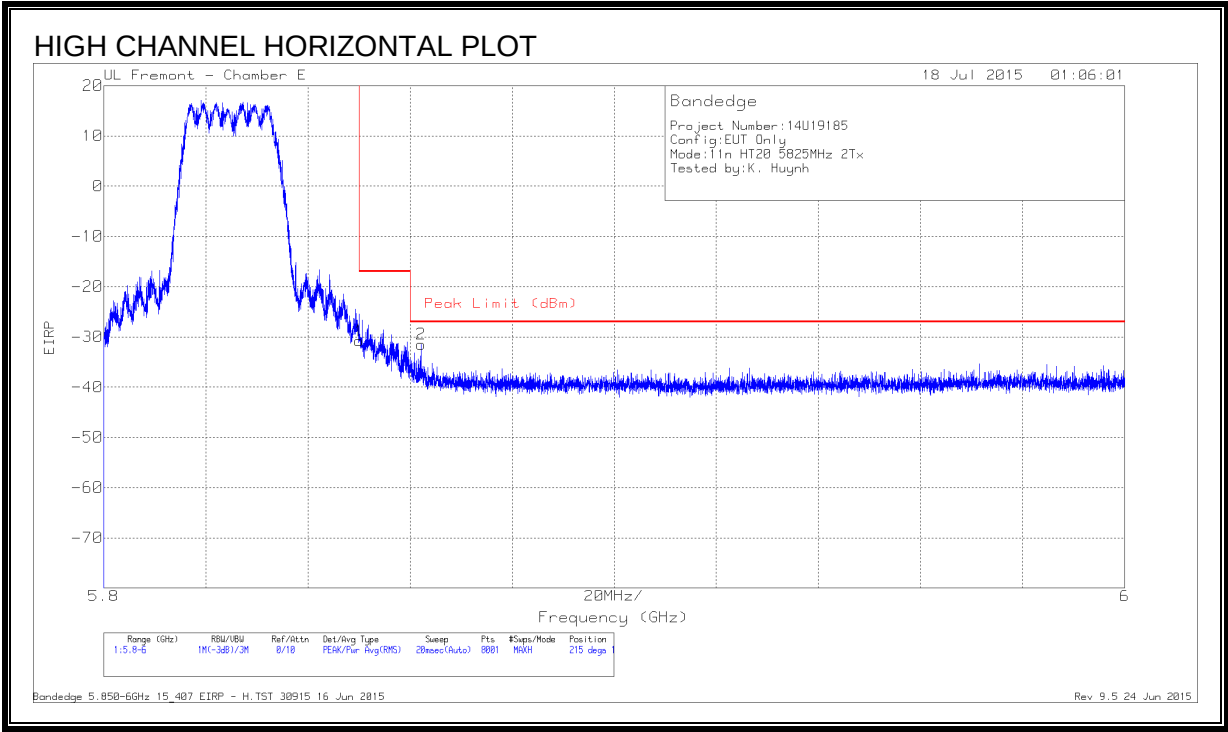


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -62.13              | Pk  | 34.7           | -21                    | 11.8                   | -36.63                 | -17              | -19.63         | 208            | 138         | V        |
| 2      | 5.714           | -62.35              | Pk  | 34.7           | -21                    | 11.8                   | -36.85                 | -27              | -9.85          | 208            | 138         | V        |

Pk - Peak detector

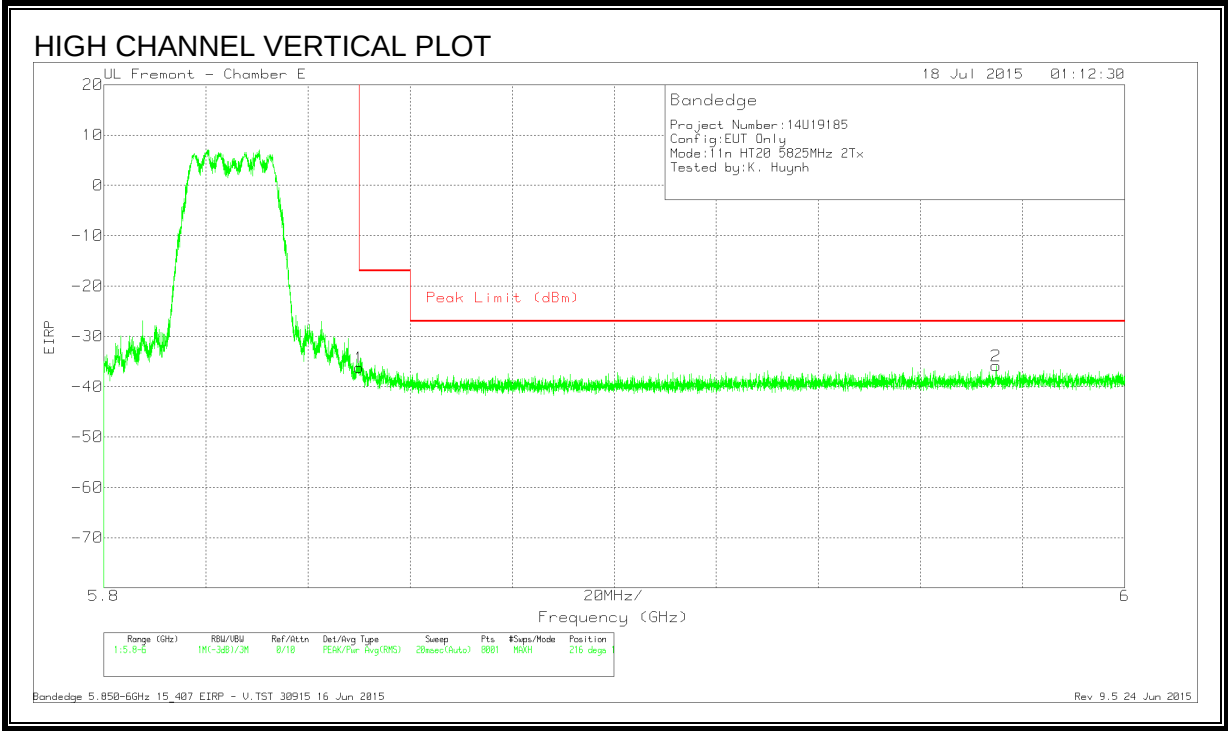
**RESTRICTED BANDEDGE (HIGH CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -56.27              | Pk  | 34.9           | -21.2                  | 11.8                   | -30.77                 | -17              | -13.77         | 215            | 166         | H        |
| 2      | 5.862           | -56.85              | Pk  | 34.9           | -21.3                  | 11.8                   | -31.45                 | -27              | -4.45          | 215            | 166         | H        |

Pk - Peak detector

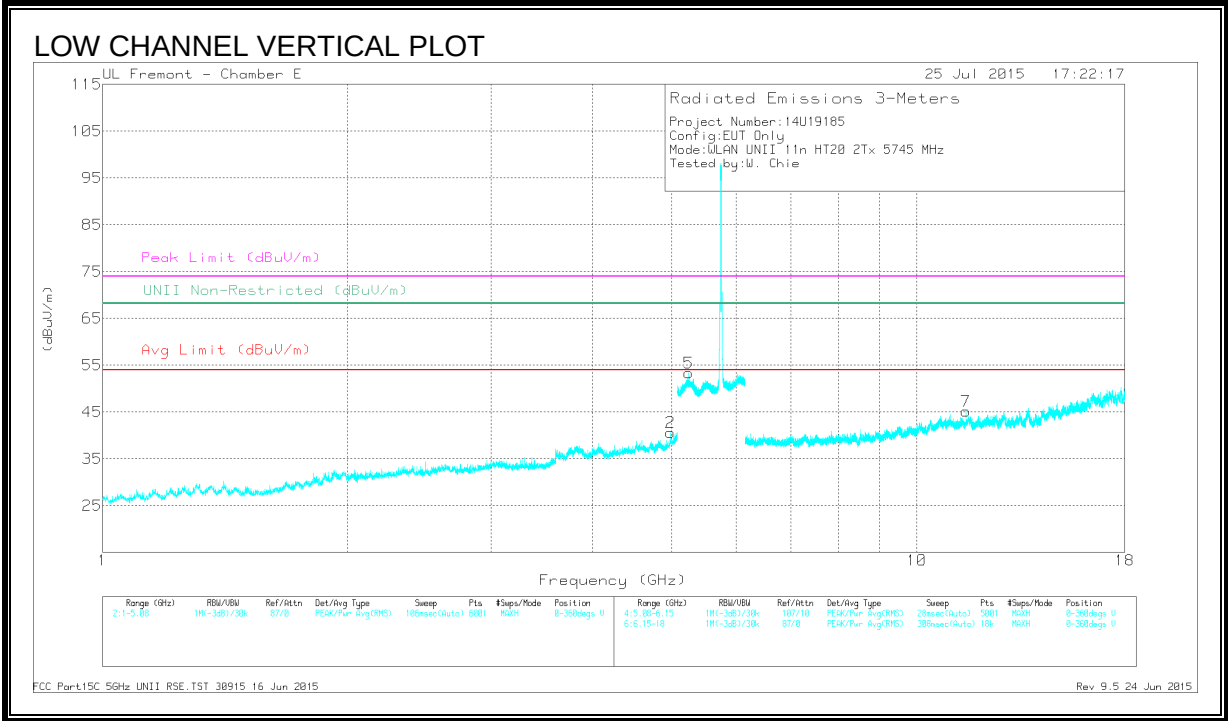
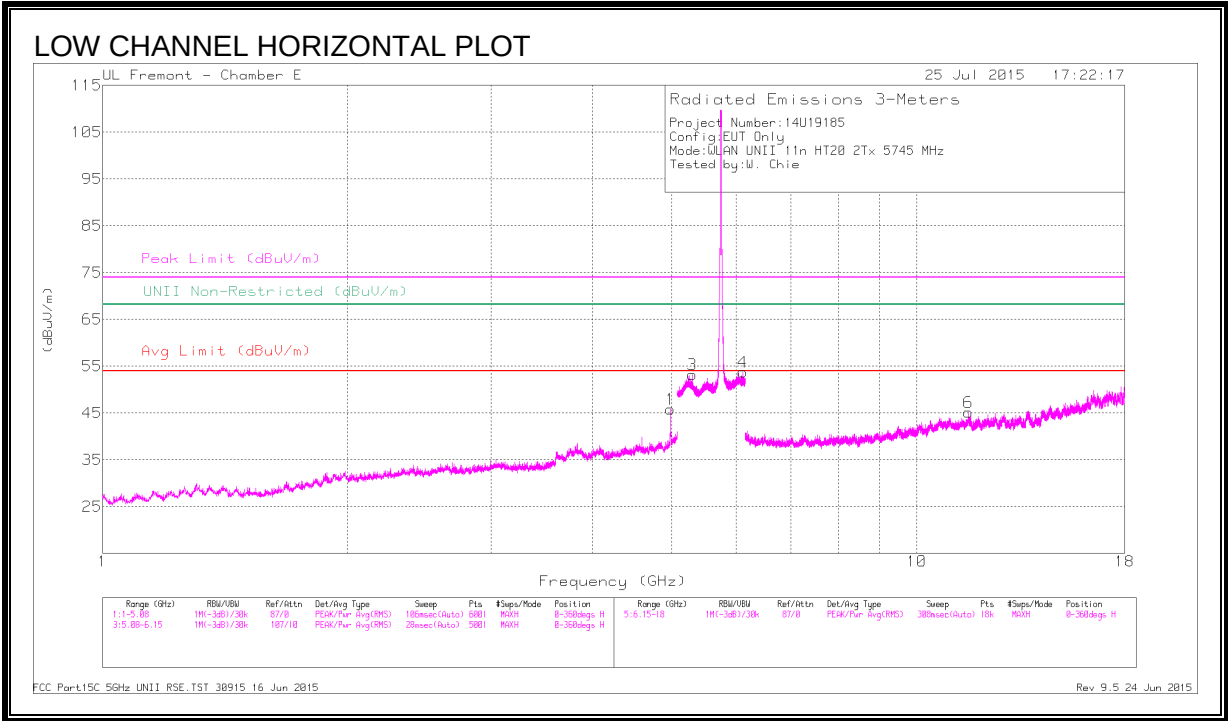


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -61.74              | Pk  | 34.9           | -21.2                  | 11.8                   | -36.24                 | -17              | -19.24         | 216            | 133         | V        |
| 2      | 5.975           | -61.77              | Pk  | 35.1           | -21                    | 11.8                   | -35.87                 | -27              | -8.87          | 216            | 133         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

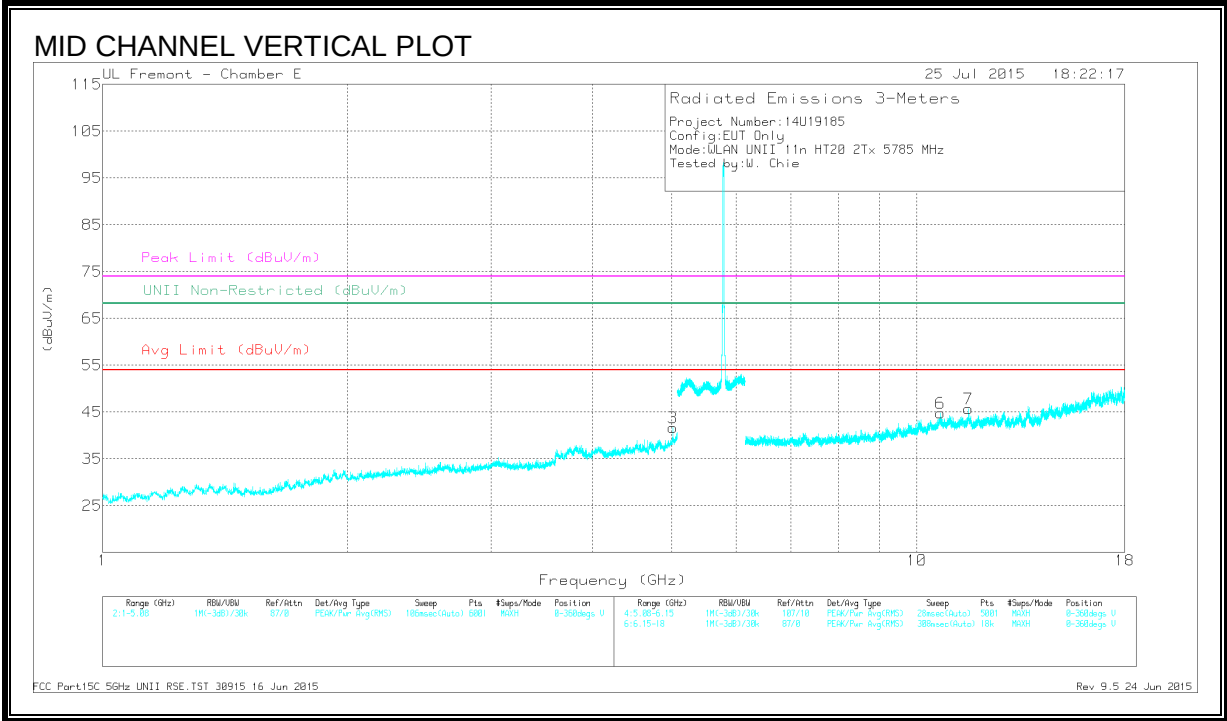
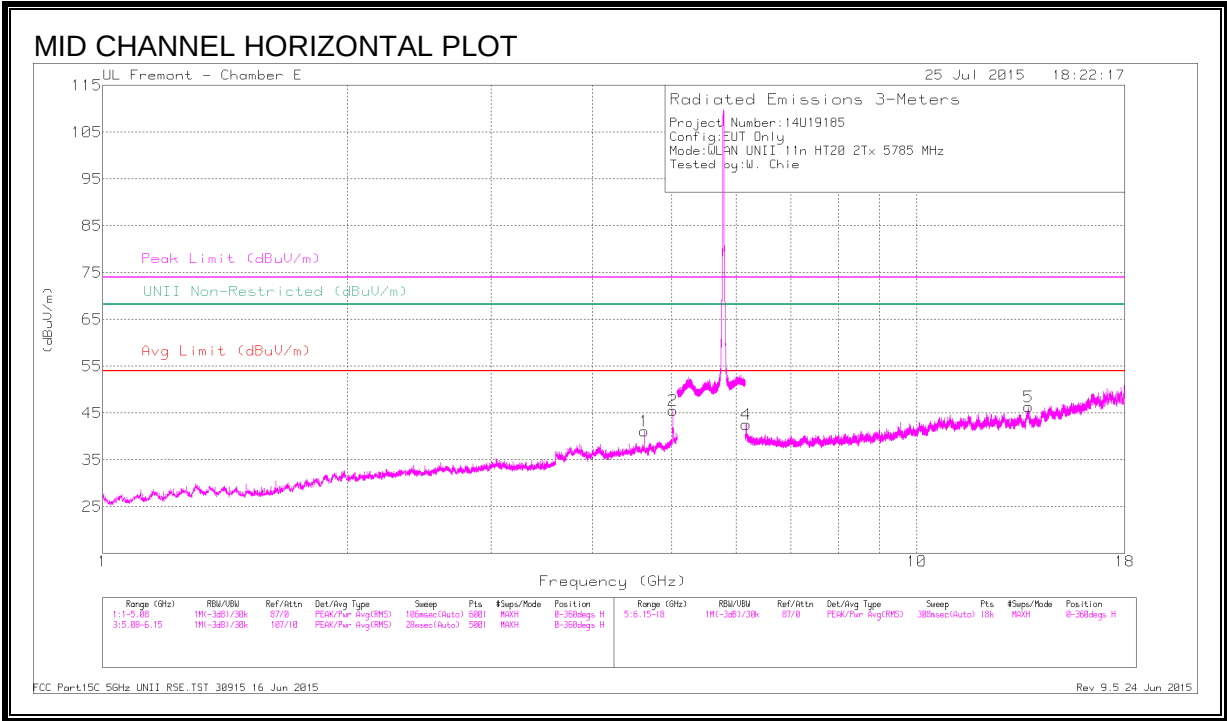
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.979         | 48.21                | PK-U | 34.2           | -30.4                 | 52.01                      | -                  | -           | 74                  | -21.99         | -                            | -              | 56             | 223         | H        |
|        | * 4.979         | 41.14                | ADR  | 34.2           | -30.4                 | 44.94                      | 54                 | -9.06       | -                   | -              | -                            | -              | 56             | 223         | H        |
| 2      | * 4.979         | 45.41                | PK-U | 34.2           | -30.4                 | 49.21                      | -                  | -           | 74                  | -24.79         | -                            | -              | 38             | 130         | V        |
|        | * 4.979         | 36.51                | ADR  | 34.2           | -30.4                 | 40.31                      | 54                 | -13.69      | -                   | -              | -                            | -              | 38             | 130         | V        |
| 6      | * 11.573        | 37.18                | PK-U | 38.1           | -23.5                 | 51.78                      | -                  | -           | 74                  | -22.22         | -                            | -              | 128            | 347         | H        |
|        | * 11.573        | 25.03                | ADR  | 38.1           | -23.5                 | 39.63                      | 54                 | -14.37      | -                   | -              | -                            | -              | 128            | 347         | H        |
| 7      | * 11.49         | 39.95                | PK-U | 38.1           | -25.1                 | 52.95                      | -                  | -           | 74                  | -21.05         | -                            | -              | 21             | 101         | V        |
|        | * 11.49         | 27.6                 | ADR  | 38.1           | -25.1                 | 40.6                       | 54                 | -13.4       | -                   | -              | -                            | -              | 21             | 101         | V        |
| 5      | 5.247           | 46.56                | PK-U | 34.5           | -21.2                 | 59.86                      | -                  | -           | -                   | -              | 68.2                         | -8.34          | 247            | 274         | V        |
| 3      | 5.298           | 46.31                | PK-U | 34.5           | -21.3                 | 59.51                      | -                  | -           | -                   | -              | 68.2                         | -8.69          | 106            | 224         | H        |
| 4      | 6.11            | 44.88                | PK-U | 35.3           | -20.5                 | 59.68                      | -                  | -           | -                   | -              | 68.2                         | -8.52          | 281            | 358         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

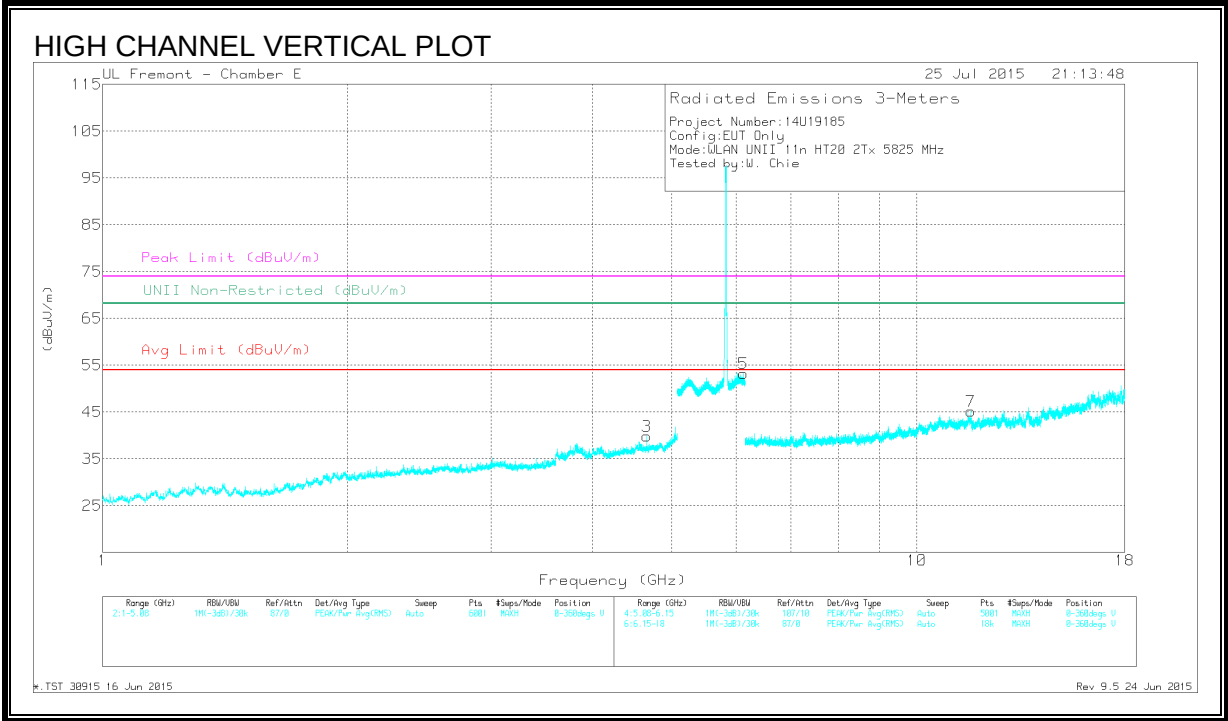
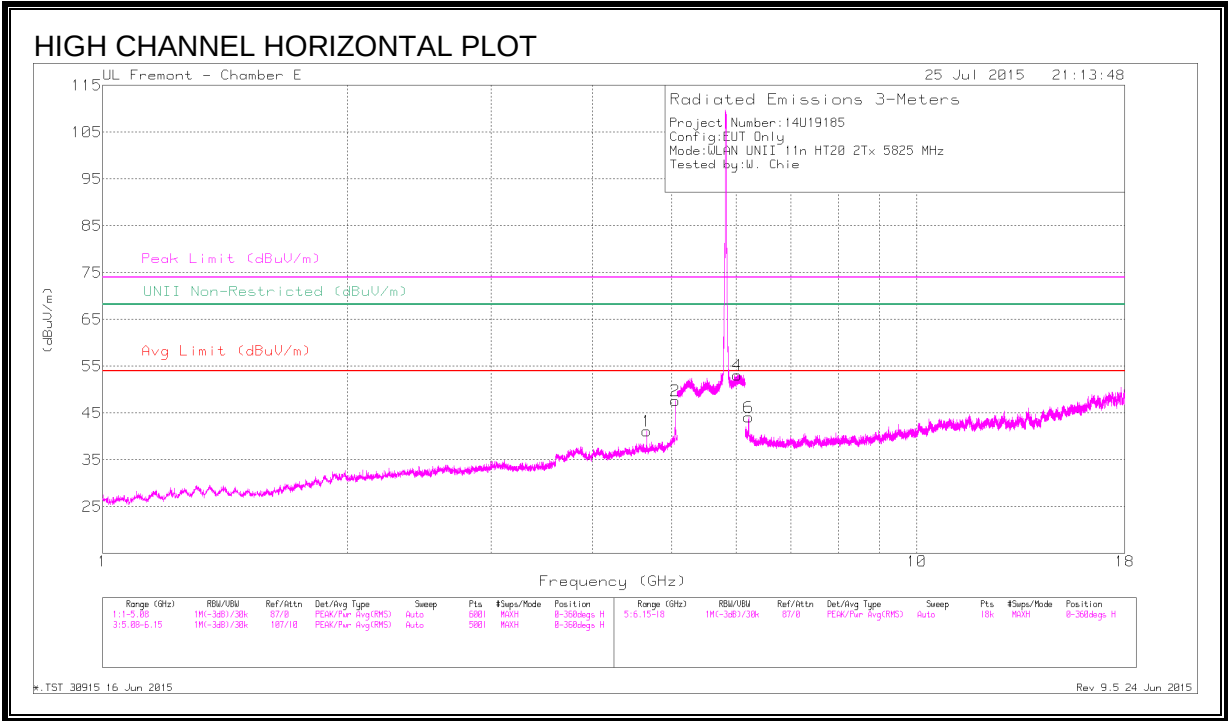
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/Fl tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.628         | 44.07                | PK-U | 34.1           | -30.6                 | 47.57                      | -                  | -           | 74                  | -26.43         | -                            | -              | 48             | 123         | H        |
|        | * 4.628         | 36.02                | ADR  | 34.1           | -30.6                 | 39.52                      | 54                 | -14.48      | -                   | -              | -                            | -              | 48             | 123         | H        |
| 2      | * 5.014         | 47.97                | PK-U | 34.2           | -29.6                 | 52.57                      | -                  | -           | 74                  | -21.43         | -                            | -              | 70             | 237         | H        |
|        | * 5.014         | 40.57                | ADR  | 34.2           | -29.6                 | 45.17                      | 54                 | -8.83       | -                   | -              | -                            | -              | 70             | 237         | H        |
| 3      | * 5.014         | 45.78                | PK-U | 34.2           | -29.6                 | 50.38                      | -                  | -           | 74                  | -23.62         | -                            | -              | 42             | 136         | V        |
|        | * 5.014         | 36.5                 | ADR  | 34.2           | -29.6                 | 41.1                       | 54                 | -12.9       | -                   | -              | -                            | -              | 42             | 136         | V        |
| 6      | * 10.681        | 36.57                | PK-U | 37.8           | -24.4                 | 49.97                      | -                  | -           | 74                  | -24.03         | -                            | -              | 324            | 312         | V        |
|        | * 10.68         | 24.9                 | ADR  | 37.8           | -24.3                 | 38.4                       | 54                 | -15.6       | -                   | -              | -                            | -              | 324            | 312         | V        |
| 7      | * 11.565        | 39.46                | PK-U | 38.1           | -23.6                 | 53.96                      | -                  | -           | 74                  | -20.04         | -                            | -              | 14             | 108         | V        |
|        | * 11.565        | 26.76                | ADR  | 38.1           | -23.6                 | 41.26                      | 54                 | -12.74      | -                   | -              | -                            | -              | 14             | 108         | V        |
| 4      | 6.171           | 44.73                | PK-U | 35.3           | -29.3                 | 50.73                      | -                  | -           | -                   | -              | 68.2                         | -17.47         | 61             | 148         | H        |
| 5      | 13.704          | 38.45                | PK-U | 38.5           | -24.1                 | 52.85                      | -                  | -           | -                   | -              | 68.2                         | -15.35         | 230            | 172         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/FI tr/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      | * 4.66          | 45.49                | PK-U | 34.1           | -31.1                 | 48.49                      | -                  | -           | 74                  | -25.51         | -                            | -              | 48             | 126         | H        |
|        | * 4.66          | 37.34                | ADR  | 34.1           | -31.1                 | 40.34                      | 54                 | -13.66      | -                   | -              | -                            | -              | 48             | 126         | H        |
| 2      | * 5.048         | 48.95                | PK-U | 34.2           | -29.2                 | 53.95                      | -                  | -           | 74                  | -20.05         | -                            | -              | 64             | 112         | H        |
|        | * 5.048         | 42.2                 | ADR  | 34.2           | -29.2                 | 47.2                       | 54                 | -6.8        | -                   | -              | -                            | -              | 64             | 112         | H        |
| 3      | * 4.66          | 43.44                | PK-U | 34.1           | -31.1                 | 46.44                      | -                  | -           | 74                  | -27.56         | -                            | -              | 41             | 237         | V        |
|        | * 4.66          | 33.89                | ADR  | 34.1           | -31.1                 | 36.89                      | 54                 | -17.11      | -                   | -              | -                            | -              | 41             | 237         | V        |
| 7      | * 11.645        | 40.7                 | PK-U | 38.2           | -24.9                 | 54                         | -                  | -           | 74                  | -20            | -                            | -              | 13             | 102         | V        |
|        | * 11.645        | 28                   | ADR  | 38.2           | -24.9                 | 41.3                       | 54                 | -12.7       | -                   | -              | -                            | -              | 13             | 102         | V        |
| 4      | 6.017           | 45.7                 | PK-U | 35.1           | -20.6                 | 60.2                       | -                  | -           | -                   | -              | 68.2                         | -8             | 134            | 231         | H        |
| 5      | 6.12            | 44.65                | PK-U | 35.3           | -20.3                 | 59.65                      | -                  | -           | -                   | -              | 68.2                         | -8.55          | 179            | 203         | V        |
| 6      | 6.212           | 42.27                | PK-U | 35.4           | -29.1                 | 48.57                      | -                  | -           | -                   | -              | 68.2                         | -19.63         | 146            | 118         | H        |

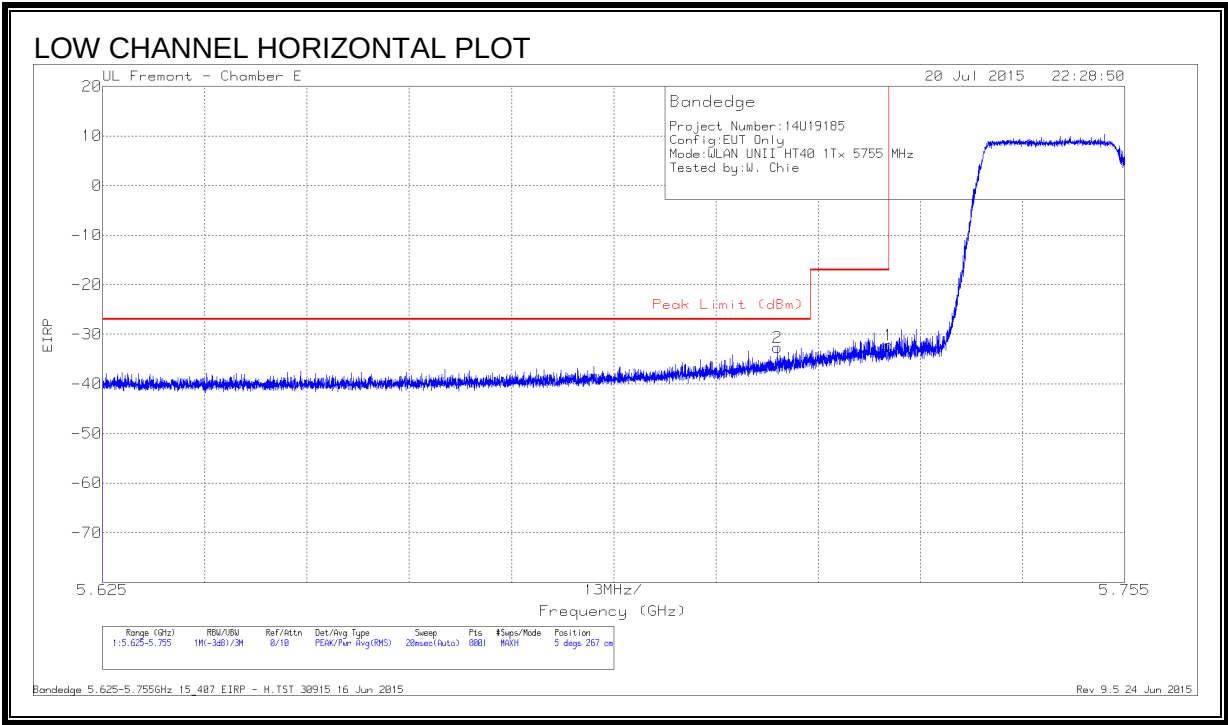
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.22. 802.11n HT40 1Tx MODE IN THE 5.8 GHz BAND

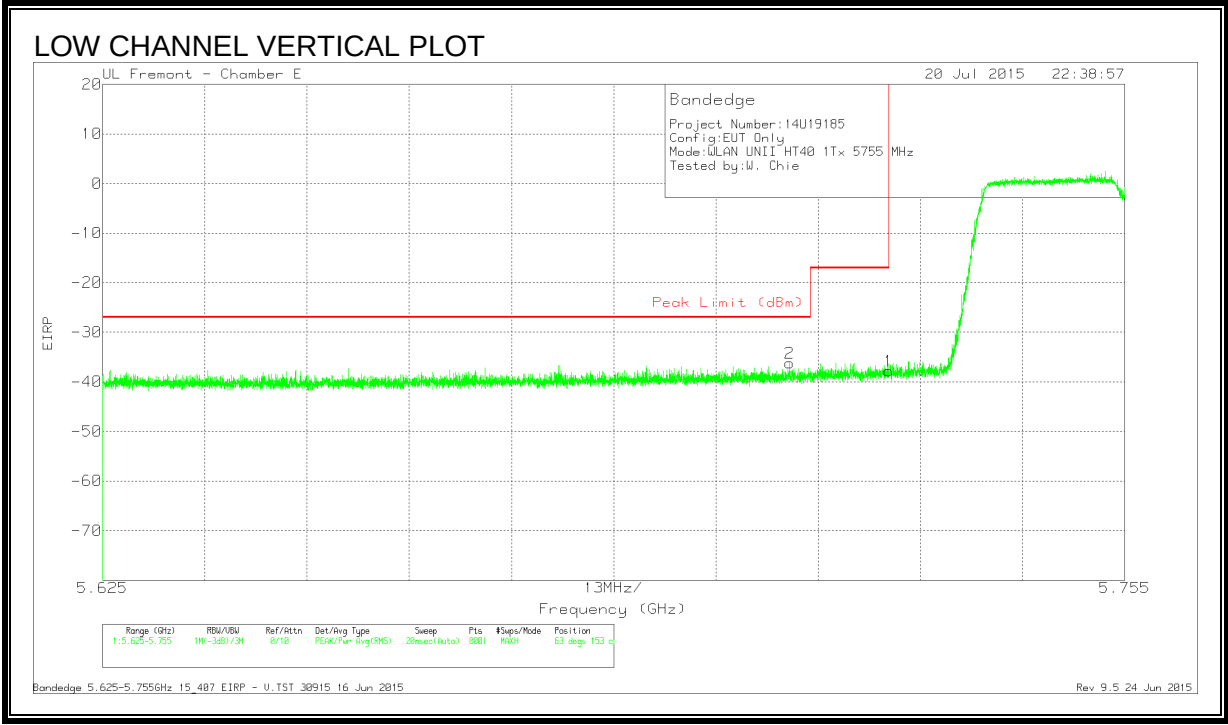
RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -57.64              | Pk  | 34.7           | -21                    | 11.8                   | -32.14                 | -17              | -15.14         | 5              | 267         | H        |
| 2      | 5.711           | -58.15              | Pk  | 34.7           | -21                    | 11.8                   | -32.65                 | -27              | -5.65          | 5              | 267         | H        |

Pk - Peak detector

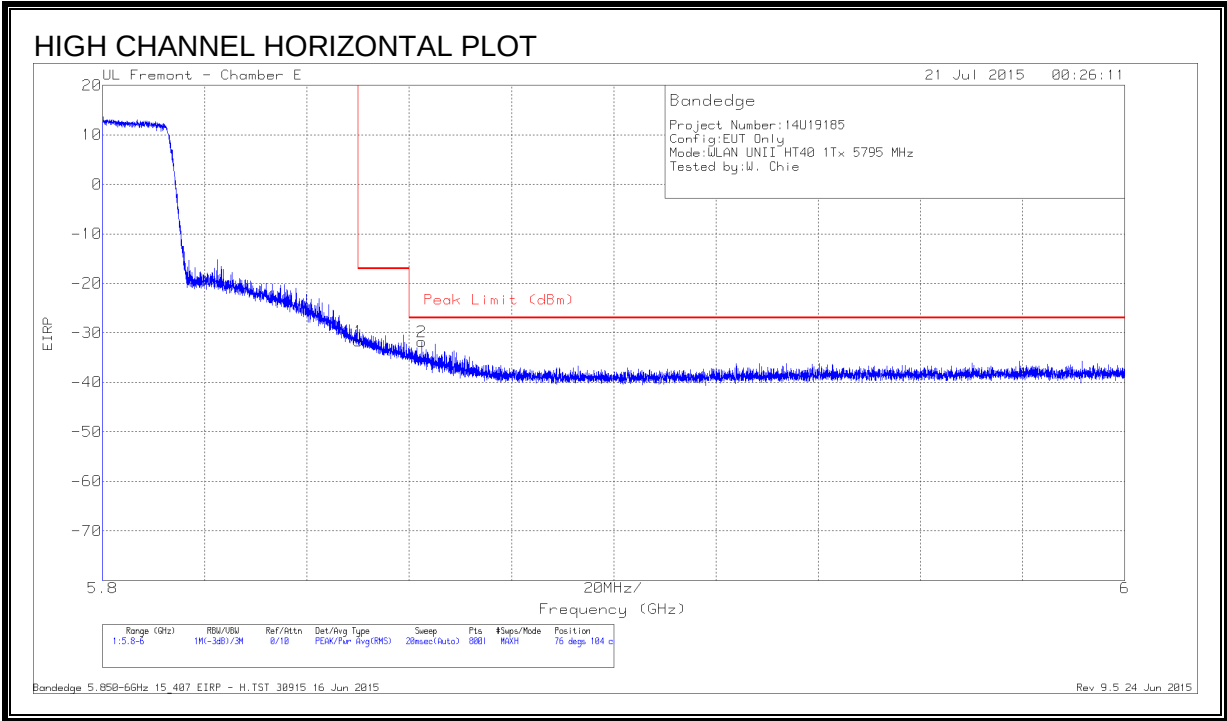


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -63.33              | Pk  | 34.7           | -21                    | 11.8                   | -37.83                 | -17              | -20.83         | 63             | 153         | V        |
| 2      | 5.712           | -61.67              | Pk  | 34.7           | -21                    | 11.8                   | -36.17                 | -27              | -9.17          | 63             | 153         | V        |

Pk - Peak detector

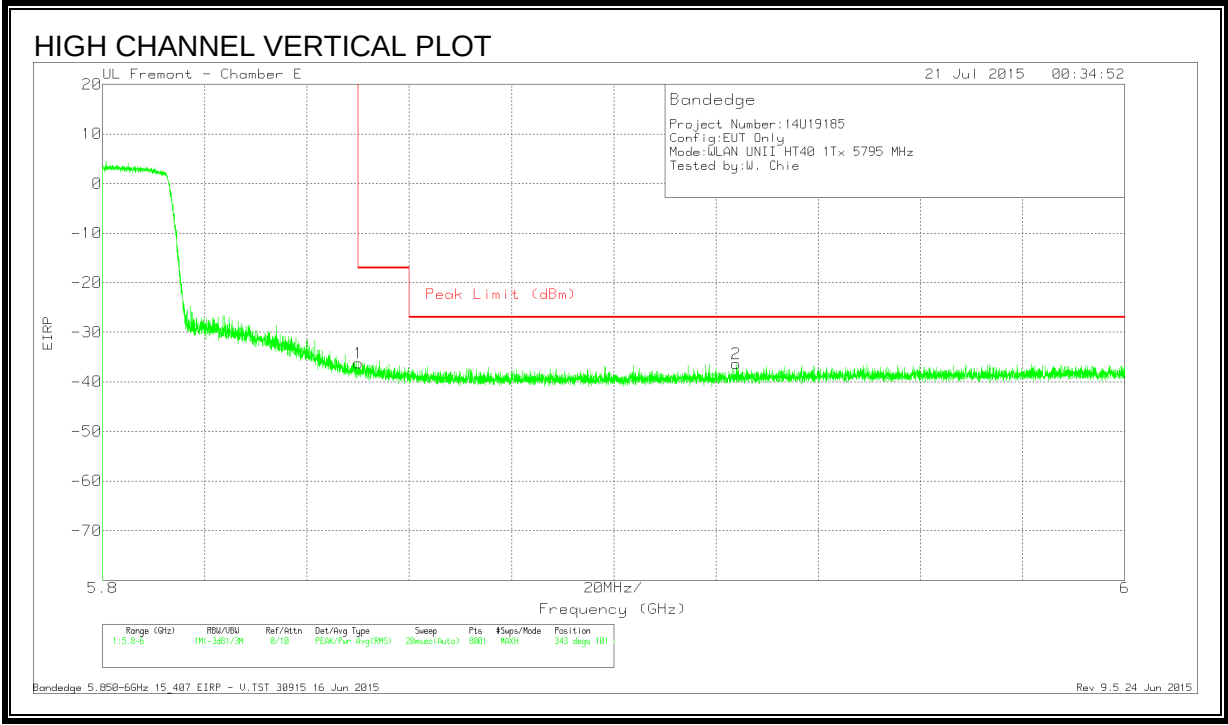
RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -57.21              | Pk  | 34.9           | -21.2                  | 11.8                   | -31.71                 | -17              | -14.71         | 76             | 104         | H        |
| 2      | 5.862           | -57.24              | Pk  | 34.9           | -21.2                  | 11.8                   | -31.74                 | -27              | -4.74          | 76             | 104         | H        |

Pk - Peak detector

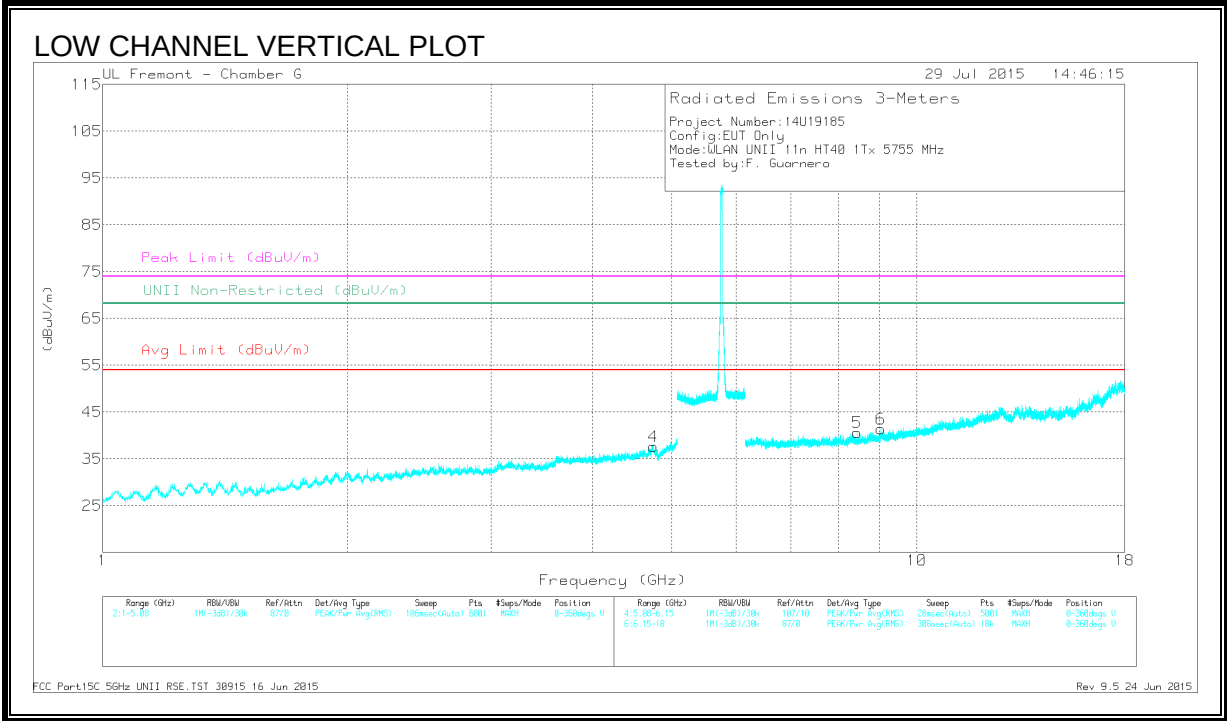
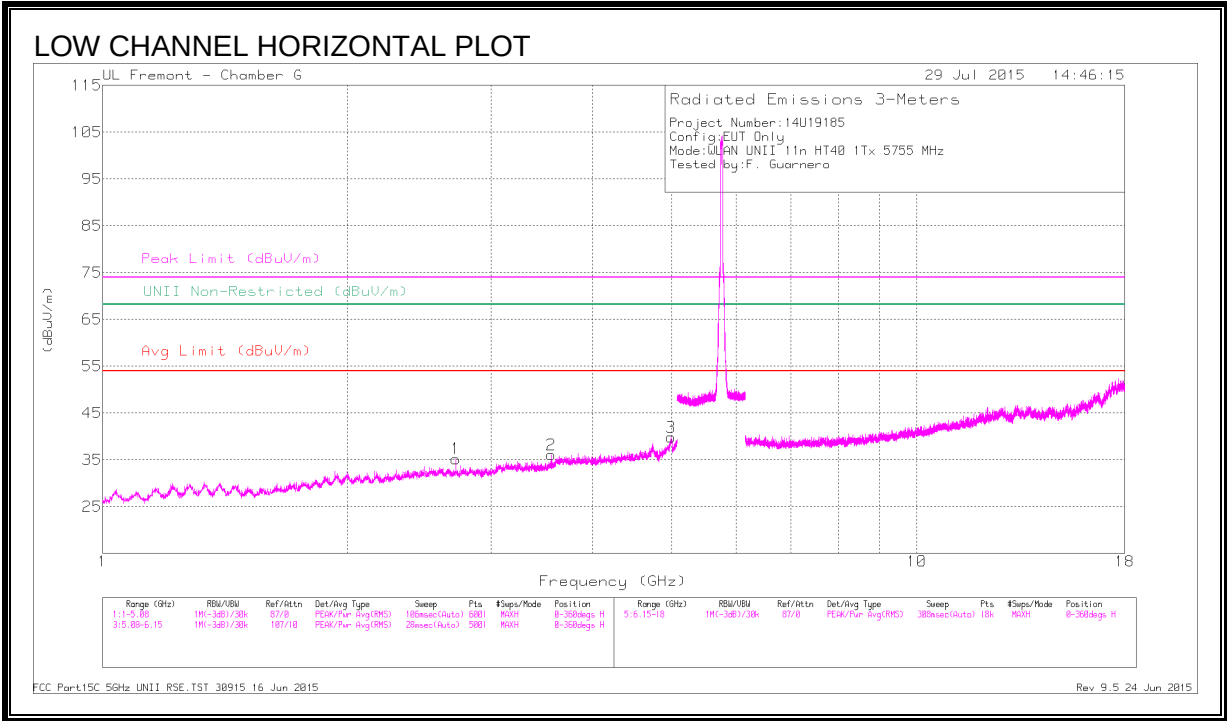


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -61.71              | Pk  | 34.9           | -21.2                  | 11.8                   | -36.21                 | -17              | -19.21         | 343            | 101         | V        |
| 2      | 5.924           | -61.9               | Pk  | 35             | -21.2                  | 11.8                   | -36.3                  | -27              | -9.3           | 343            | 101         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

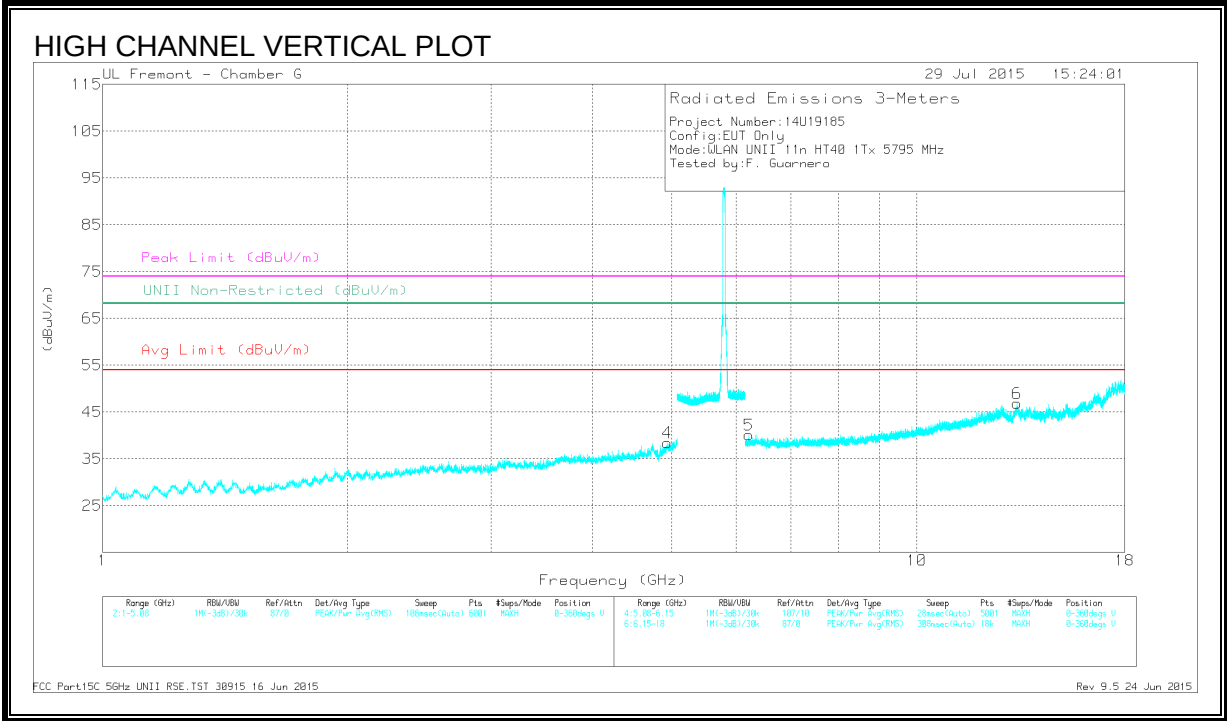
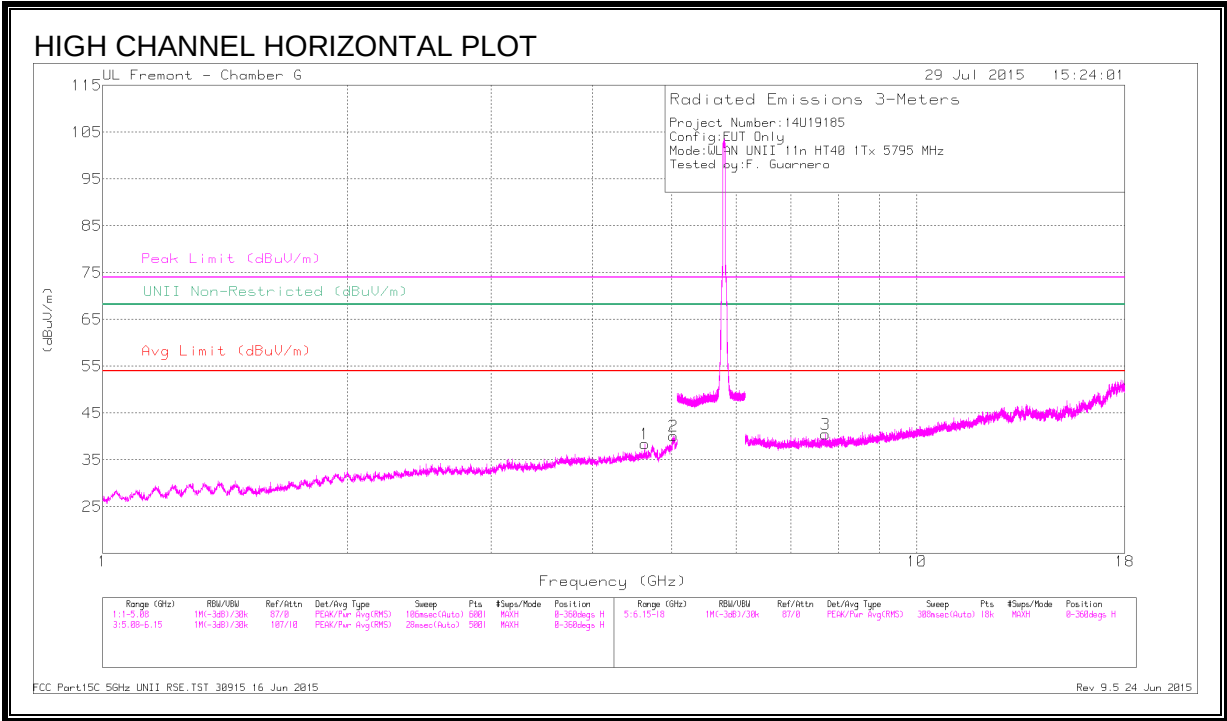
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 2.717         | 42.34                | PK-U | 32.3           | -34.2                  | 40.44                      | -                  | -           | 74                  | -33.56         | -                            | -              | 316            | 129         | H        |
|        | * 2.715         | 30.44                | ADR  | 32.3           | -34.2                  | 28.54                      | 54                 | -25.46      | -                   | -              | -                            | -              | 316            | 129         | H        |
| 2      | * 3.553         | 41.73                | PK-U | 33             | -32.8                  | 41.93                      | -                  | -           | 74                  | -32.07         | -                            | -              | 345            | 187         | H        |
|        | * 3.555         | 29.88                | ADR  | 33             | -32.8                  | 30.08                      | 54                 | -23.92      | -                   | -              | -                            | -              | 345            | 187         | H        |
| 3      | * 4.989         | 44.56                | PK-U | 34.2           | -31.4                  | 47.36                      | -                  | -           | 74                  | -26.64         | -                            | -              | 229            | 200         | H        |
|        | * 4.989         | 33.34                | ADR  | 34.2           | -31.4                  | 36.14                      | 54                 | -17.86      | -                   | -              | -                            | -              | 229            | 200         | H        |
| 4      | * 4.744         | 43.98                | PK-U | 33.9           | -31.9                  | 45.98                      | -                  | -           | 74                  | -28.02         | -                            | -              | 131            | 230         | V        |
|        | * 4.744         | 32.47                | ADR  | 33.9           | -31.9                  | 34.47                      | 54                 | -19.53      | -                   | -              | -                            | -              | 131            | 230         | V        |
| 5      | * 8.445         | 40.81                | PK-U | 35.7           | -29.9                  | 46.61                      | -                  | -           | 74                  | -27.39         | -                            | -              | 144            | 248         | V        |
|        | * 8.446         | 29.51                | ADR  | 35.7           | -29.9                  | 35.31                      | 54                 | -18.69      | -                   | -              | -                            | -              | 144            | 248         | V        |
| 6      | * 9.025         | 40.34                | PK-U | 36.2           | -28.5                  | 48.04                      | -                  | -           | 74                  | -25.96         | -                            | -              | 132            | 229         | V        |
|        | * 9.023         | 28.71                | ADR  | 36.2           | -28.6                  | 36.31                      | 54                 | -17.69      | -                   | -              | -                            | -              | 132            | 229         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

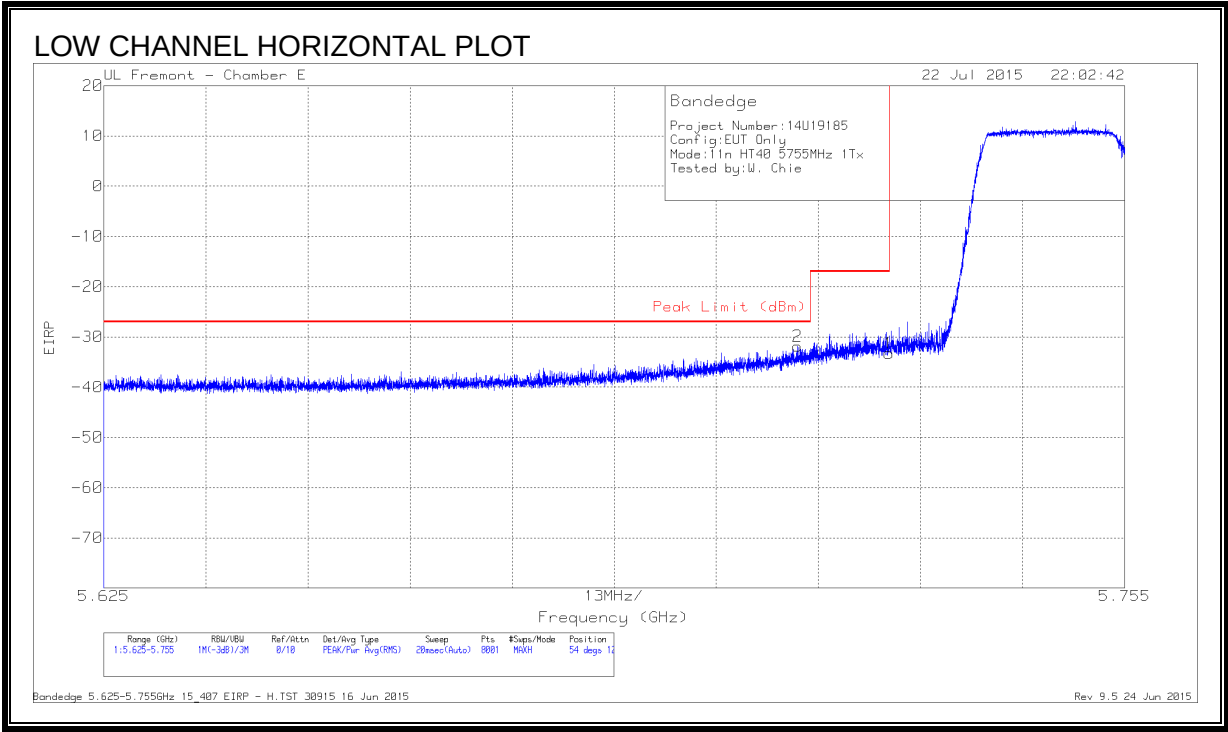
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.636         | 43.89                | PK-U | 33.8           | -32.3                  | 45.39                      | -                  | -           | 74                  | -28.61         | -                            | -              | 237            | 216         | H        |
|        | * 4.636         | 34.43                | ADR  | 33.8           | -32.3                  | 35.93                      | 54                 | -18.07      | -                   | -              | -                            | -              | 237            | 216         | H        |
| 2      | * 5.027         | 44.88                | PK-U | 34.2           | -31.4                  | 47.68                      | -                  | -           | 74                  | -26.32         | -                            | -              | 342            | 189         | H        |
|        | * 5.027         | 33.46                | ADR  | 34.2           | -31.4                  | 36.26                      | 54                 | -17.74      | -                   | -              | -                            | -              | 342            | 189         | H        |
| 3      | * 7.717         | 41.65                | PK-U | 35.6           | -30.2                  | 47.05                      | -                  | -           | 74                  | -26.95         | -                            | -              | 126            | 180         | H        |
|        | * 7.718         | 29.27                | ADR  | 35.6           | -30.3                  | 34.57                      | 54                 | -19.43      | -                   | -              | -                            | -              | 126            | 180         | H        |
| 4      | * 4.935         | 42.57                | PK-U | 34.1           | -31.2                  | 45.47                      | -                  | -           | 74                  | -28.53         | -                            | -              | 14             | 276         | V        |
|        | * 4.937         | 30.4                 | ADR  | 34.1           | -31.2                  | 33.3                       | 54                 | -20.7       | -                   | -              | -                            | -              | 14             | 276         | V        |
| 5      | 6.215           | 42.12                | PK-U | 35.5           | -31.7                  | 45.92                      | -                  | -           | -                   | -              | 68.2                         | -22.28         | 279            | 232         | V        |
| 6      | * 13.282        | 38.24                | PK-U | 39.6           | -24.7                  | 53.14                      | -                  | -           | 74                  | -20.86         | -                            | -              | 235            | 308         | V        |
|        | * 13.281        | 26.68                | ADR  | 39.6           | -24.7                  | 41.58                      | 54                 | -12.42      | -                   | -              | -                            | -              | 235            | 308         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

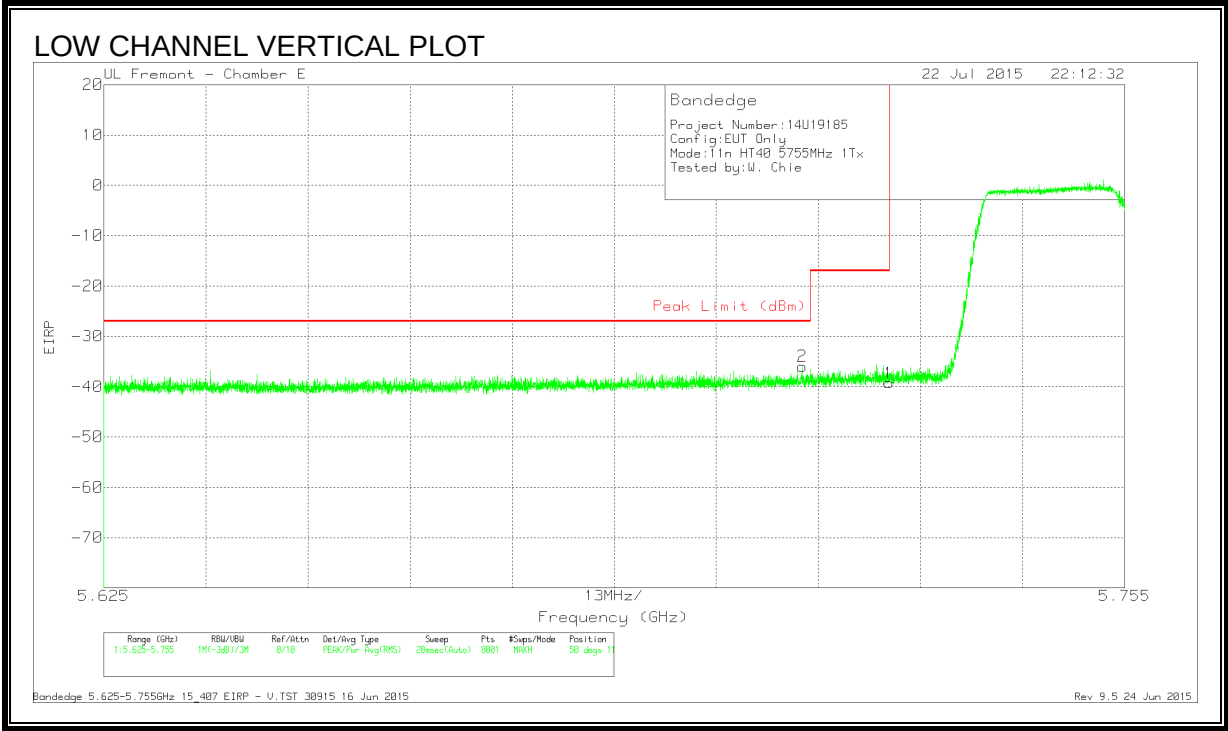
**RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -58.74              | Pk  | 34.7           | -21                    | 11.8                   | -33.24                 | -17              | -16.24         | 54             | 121         | H        |
| 2      | 5.713           | -57.35              | Pk  | 34.7           | -21                    | 11.8                   | -31.85                 | -27              | -4.85          | 54             | 121         | H        |

Pk - Peak detector

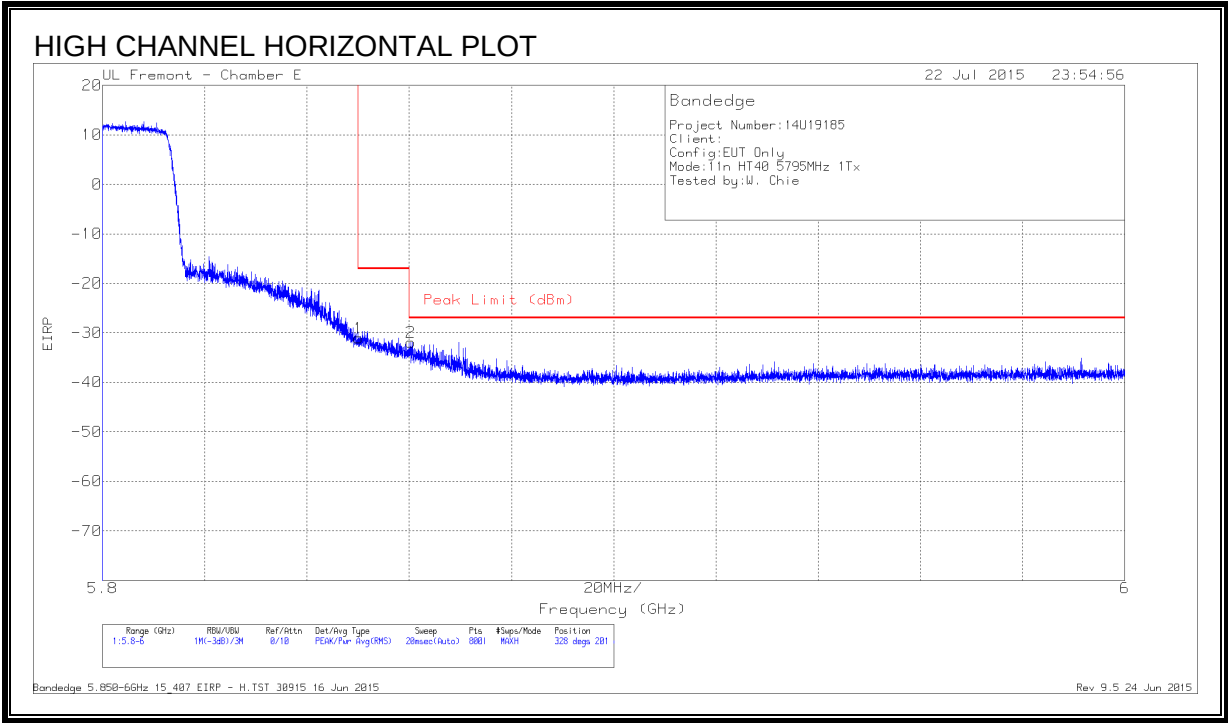


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -64.73              | Pk  | 34.7           | -21                    | 11.8                   | -39.23                 | -17              | -22.23         | 50             | 116         | V        |
| 2      | 5.714           | -61.44              | Pk  | 34.7           | -21                    | 11.8                   | -35.94                 | -27              | -8.94          | 50             | 116         | V        |

Pk - Peak detector

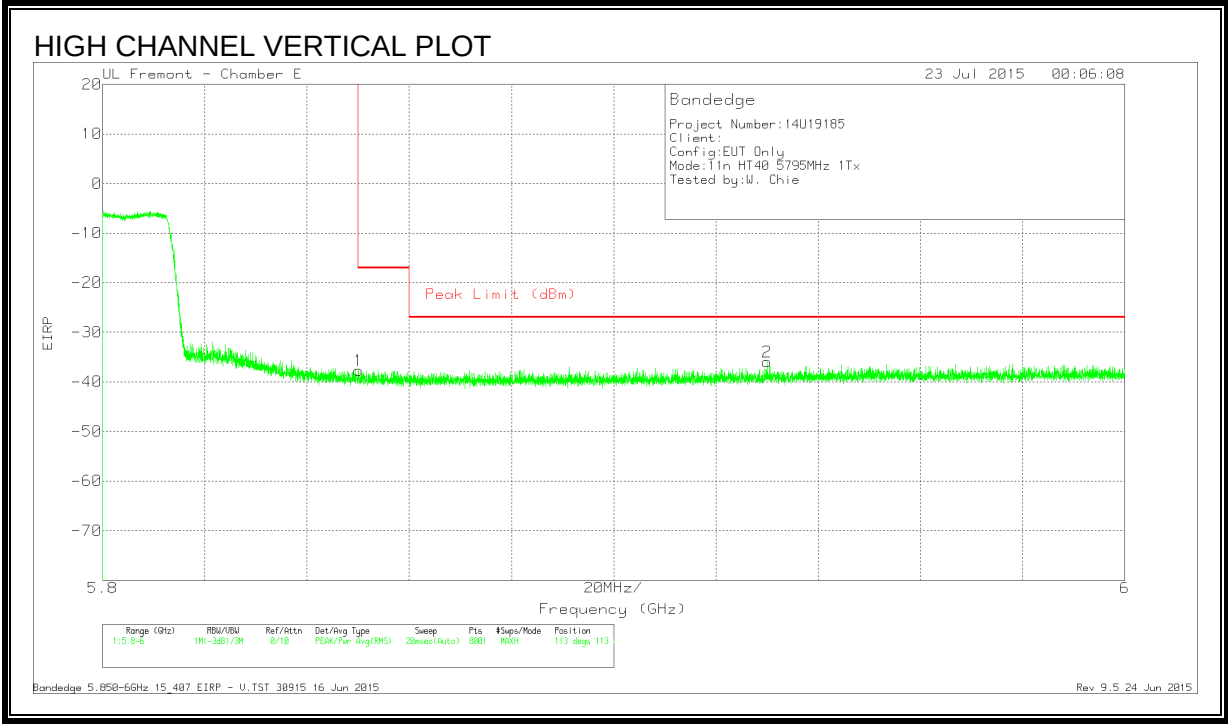
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -56.52              | Pk  | 34.9           | -21.2                  | 11.8                   | -31.02                 | -17              | -14.02         | 328            | 201         | H        |
| 2      | 5.86            | -57.45              | Pk  | 34.9           | -21.2                  | 11.8                   | -31.95                 | -27              | -4.95          | 328            | 201         | H        |

Pk - Peak detector

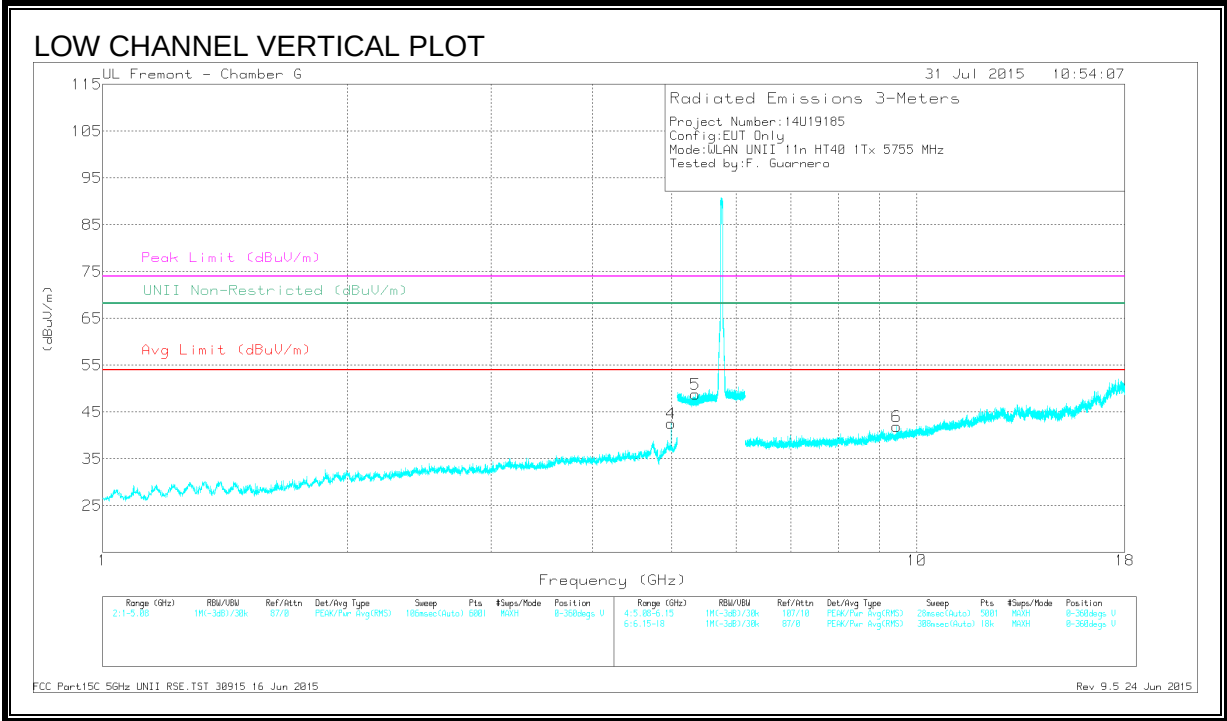
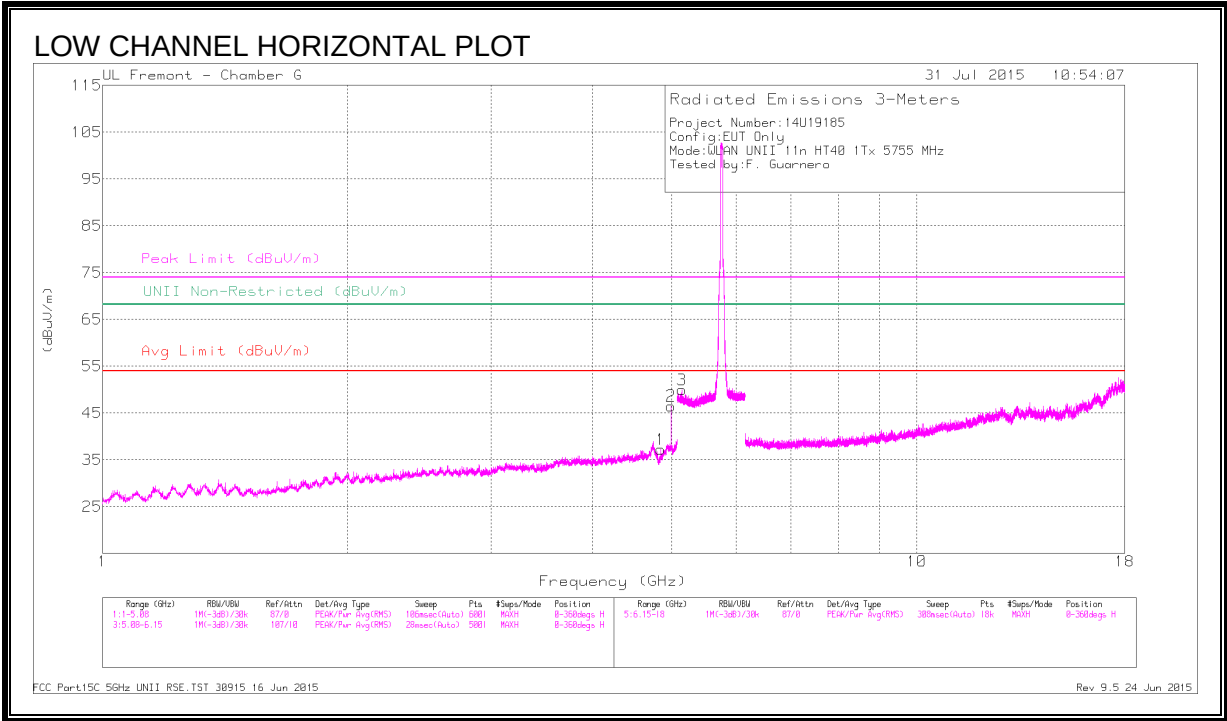


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -63.17              | Pk  | 34.9           | -21.2                  | 11.8                   | -37.67                 | -17              | -20.67         | 113            | 113         | V        |
| 2      | 5.93            | -61.69              | Pk  | 35             | -21.1                  | 11.8                   | -35.99                 | -27              | -8.99          | 113            | 113         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

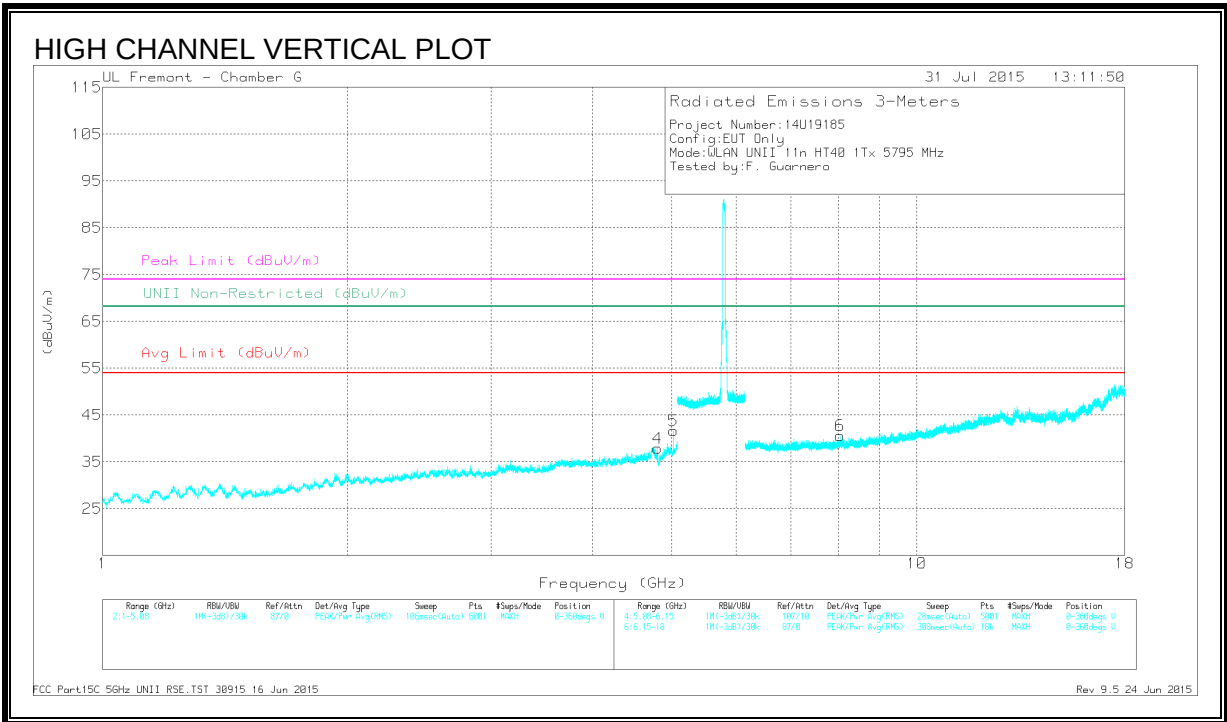
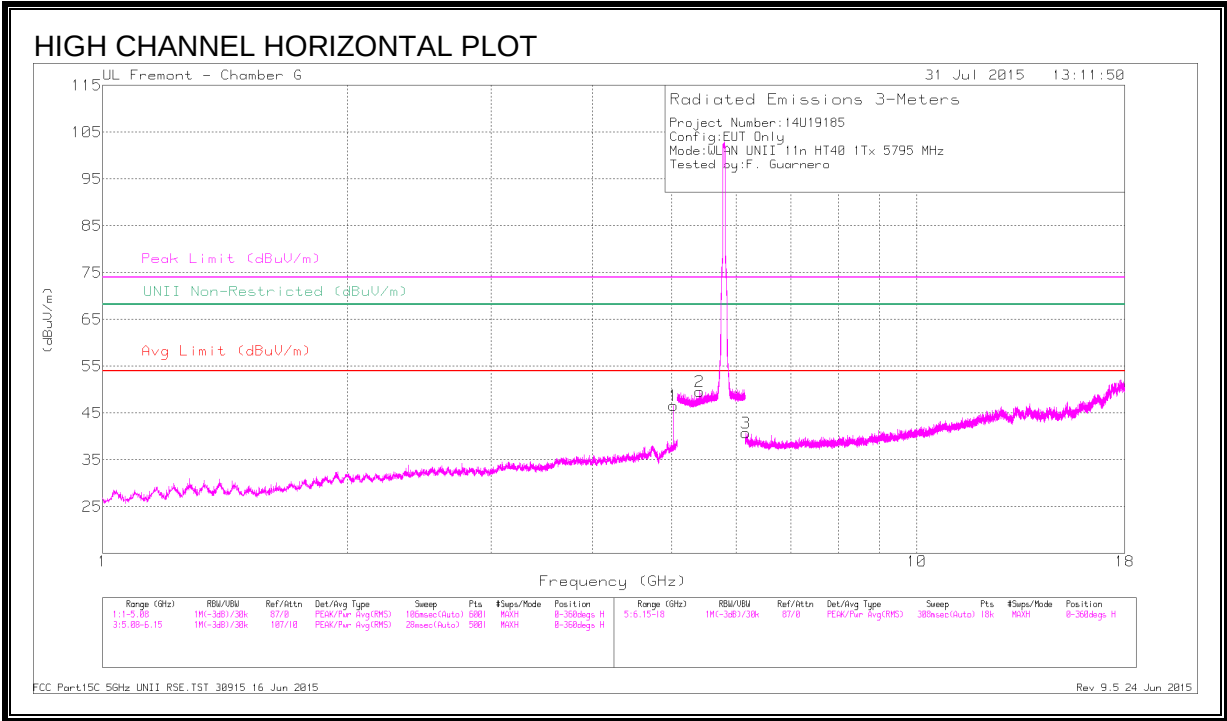
| Markers | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Ftr /Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1       | * 4.843         | 40.24                | PK-U | 34             | -31.9                 | 42.34                      | -                  | -           | 74                  | -31.66         | -                            | -              | 259            | 186         | H        |
|         | * 4.834         | 28.47                | ADR  | 34             | -32                   | 30.47                      | 54                 | -23.53      | -                   | -              | -                            | -              | 259            | 186         | H        |
| 2       | * 4.988         | 48.39                | PK-U | 34.2           | -31.4                 | 51.19                      | -                  | -           | 74                  | -22.81         | -                            | -              | 148            | 103         | H        |
|         | * 4.988         | 43.71                | ADR  | 34.2           | -31.4                 | 46.51                      | 54                 | -7.49       | -                   | -              | -                            | -              | 148            | 103         | H        |
| 3       | * 5.106         | 44.3                 | PK-U | 34.2           | -23.1                 | 55.4                       | -                  | -           | 74                  | -18.6          | -                            | -              | 334            | 313         | H        |
|         | * 5.08          | 32.91                | ADR  | 34.2           | -23.2                 | 43.91                      | 54                 | -10.09      | -                   | -              | -                            | -              | 334            | 313         | H        |
| 4       | * 4.988         | 45.9                 | PK-U | 34.2           | -31.4                 | 48.7                       | -                  | -           | 74                  | -25.3          | -                            | -              | 221            | 118         | V        |
|         | * 4.988         | 39.26                | ADR  | 34.2           | -31.4                 | 42.06                      | 54                 | -11.94      | -                   | -              | -                            | -              | 221            | 118         | V        |
| 5       | 5.341           | 44.12                | PK-U | 34.4           | -23.1                 | 55.42                      | -                  | -           | -                   | -              | 68.2                         | -12.78         | 281            | 175         | V        |
| 6       | * 9.45          | 39.68                | PK-U | 36.6           | -28.8                 | 47.48                      | -                  | -           | 74                  | -26.52         | -                            | -              | 50             | 135         | V        |
|         | * 9.45          | 28.05                | ADR  | 36.6           | -28.8                 | 35.85                      | 54                 | -18.15      | -                   | -              | -                            | -              | 50             | 135         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (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      | * 5.022         | 48                   | PK-U | 34.2           | -31.5                 | 50.7                       | -                  | -           | 74                  | -23.3          | -                            | -              | 209            | 101         | H        |
|        | * 5.022         | 42.55                | ADR  | 34.2           | -31.5                 | 45.25                      | 54                 | -8.75       | -                   | -              | -                            | -              | 209            | 101         | H        |
| 2      | * 5.409         | 44.54                | PK-U | 34.5           | -23                   | 56.04                      | -                  | -           | 74                  | -17.96         | -                            | -              | 208            | 191         | H        |
|        | * 5.409         | 34.32                | ADR  | 34.5           | -23                   | 45.82                      | 54                 | -8.18       | -                   | -              | -                            | -              | 208            | 191         | H        |
| 3      | 6.177           | 44.69                | PK-U | 35.5           | -31.8                 | 48.39                      | -                  | -           | -                   | -              | 68.2                         | -19.81         | 211            | 173         | H        |
| 4      | * 4.804         | 43.23                | PK-U | 34             | -32.4                 | 44.83                      | -                  | -           | 74                  | -29.17         | -                            | -              | 279            | 267         | V        |
|        | * 4.802         | 31.99                | ADR  | 34             | -32.4                 | 33.59                      | 54                 | -20.41      | -                   | -              | -                            | -              | 279            | 267         | V        |
| 5      | * 5.022         | 45.52                | PK-U | 34.2           | -31.5                 | 48.22                      | -                  | -           | 74                  | -25.78         | -                            | -              | 220            | 129         | V        |
|        | * 5.022         | 38.37                | ADR  | 34.2           | -31.5                 | 41.07                      | 54                 | -12.93      | -                   | -              | -                            | -              | 220            | 129         | V        |
| 6      | * 8.05          | 40.78                | PK-U | 35.7           | -29.4                 | 47.08                      | -                  | -           | 74                  | -26.92         | -                            | -              | 76             | 176         | V        |
|        | * 8.051         | 28.79                | ADR  | 35.7           | -29.4                 | 35.09                      | 54                 | -18.91      | -                   | -              | -                            | -              | 76             | 176         | V        |

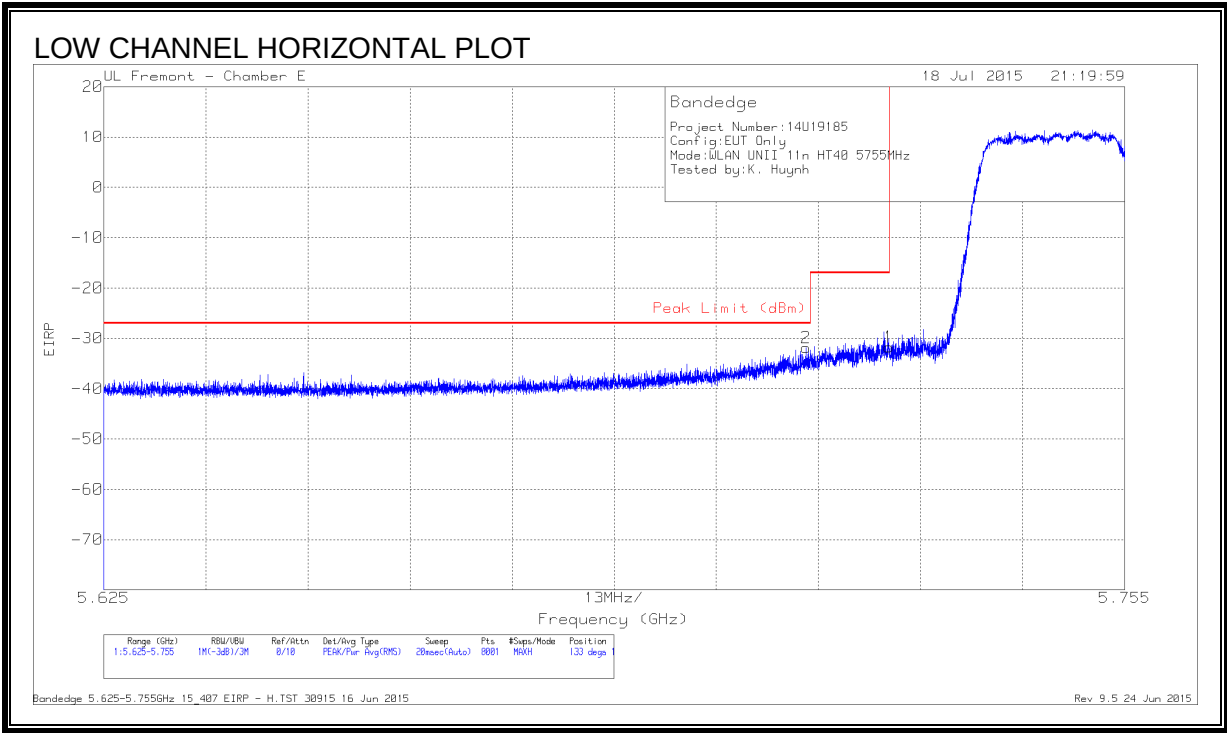
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.23. 802.11n HT40 2Tx CDD MODE IN THE 5.8 GHz BAND

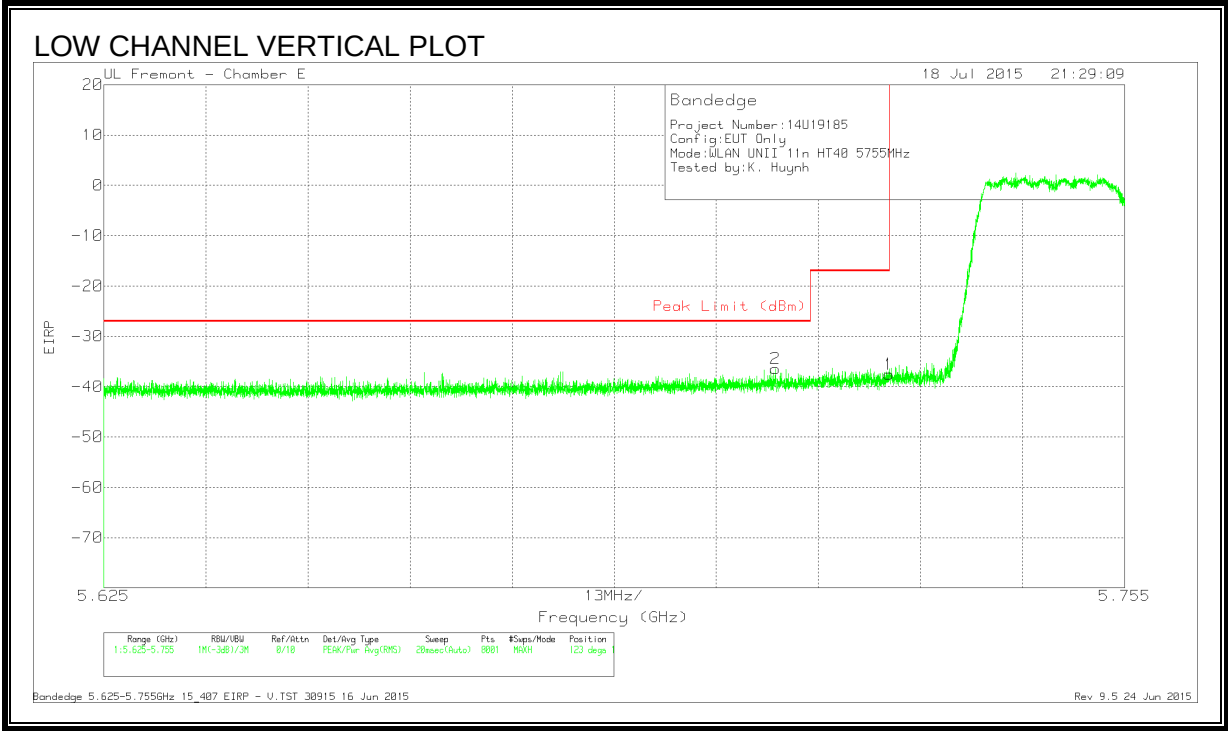
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -57.2               | Pk  | 34.7           | -21                    | 11.8                   | 0            | -31.7                  | -17              | -14.7          | 133            | 178         | H        |
| 2      | 5.714           | -57.34              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -31.84                 | -27              | -4.84          | 133            | 178         | H        |

Pk - Peak detector

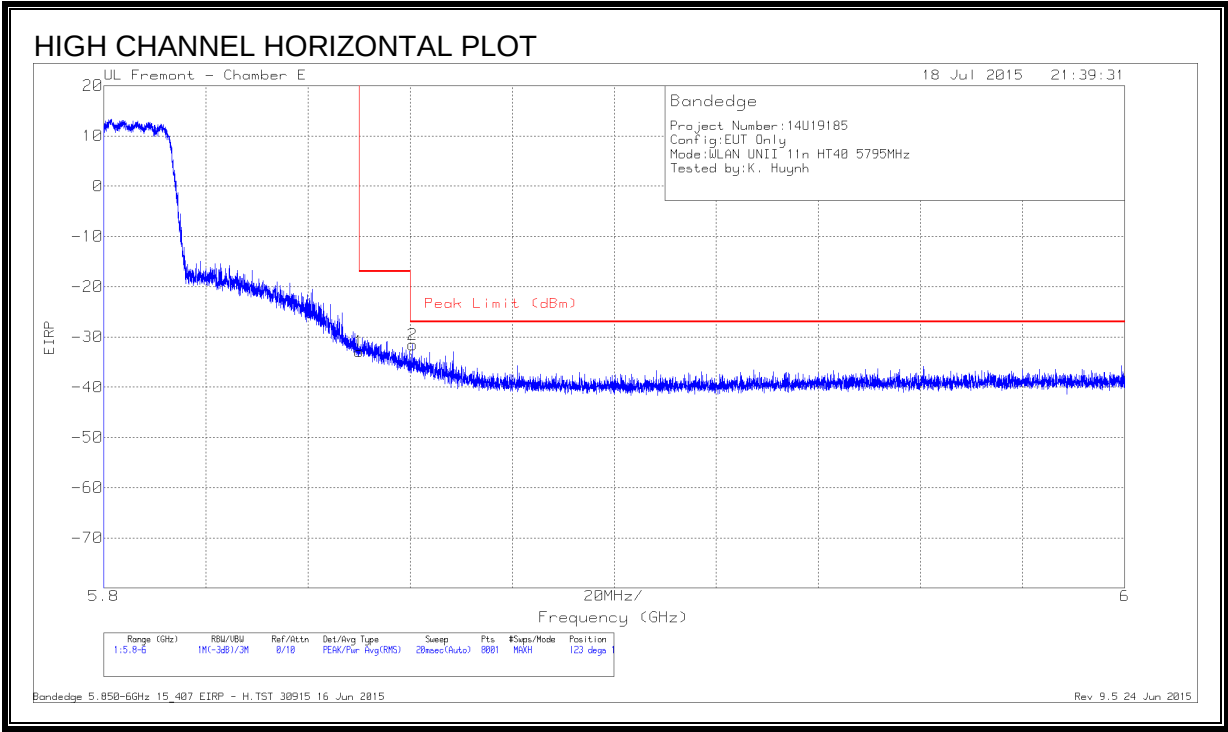


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -63.03              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -37.53                 | -17              | -20.53         | 123            | 154         | V        |
| 2      | 5.711           | -61.9               | Pk  | 34.7           | -21                    | 11.8                   | 0            | -36.4                  | -27              | -9.4           | 123            | 154         | V        |

Pk - Peak detector

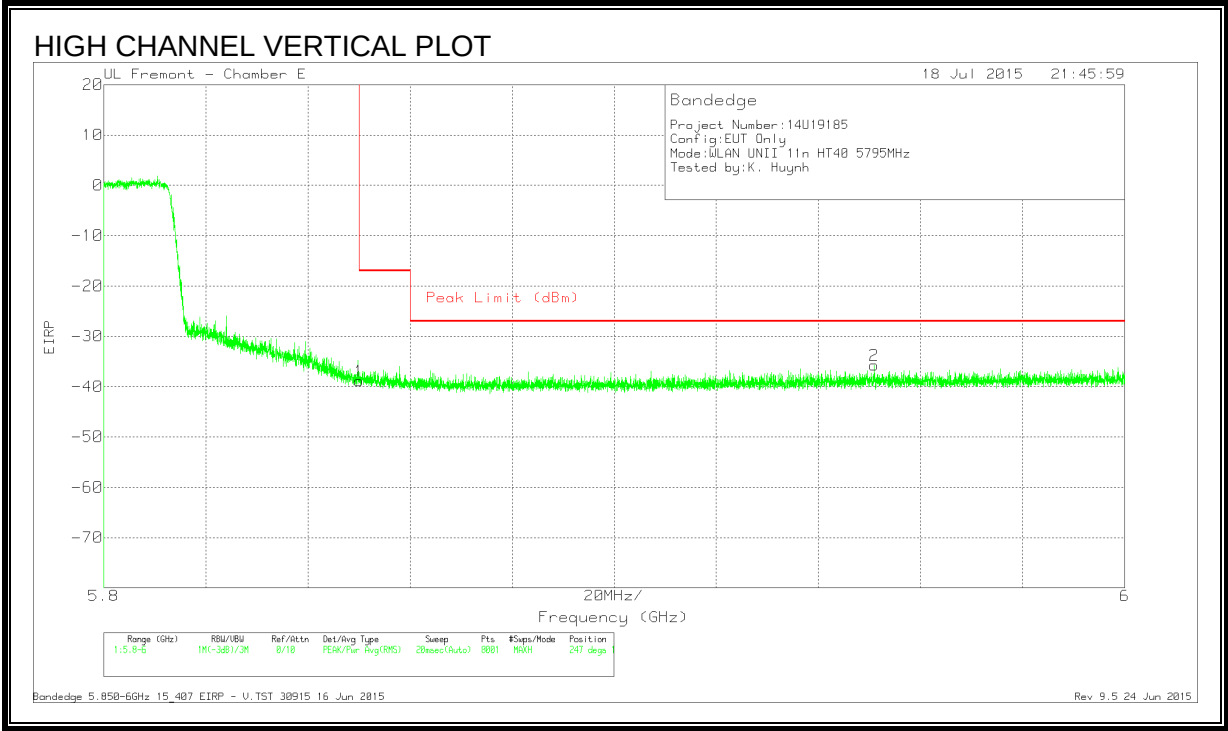
**RESTRICTED BANDEDGE (HIGH CHANNEL)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -58.4               | Pk  | 34.9           | -21.2                  | 11.8                   | 0            | -32.9                  | -17              | -15.9          | 123            | 193         | H        |
| 2      | 5.861           | -56.96              | Pk  | 34.9           | -21.3                  | 11.8                   | 0            | -31.56                 | -27              | -4.56          | 123            | 193         | H        |

Pk - Peak detector

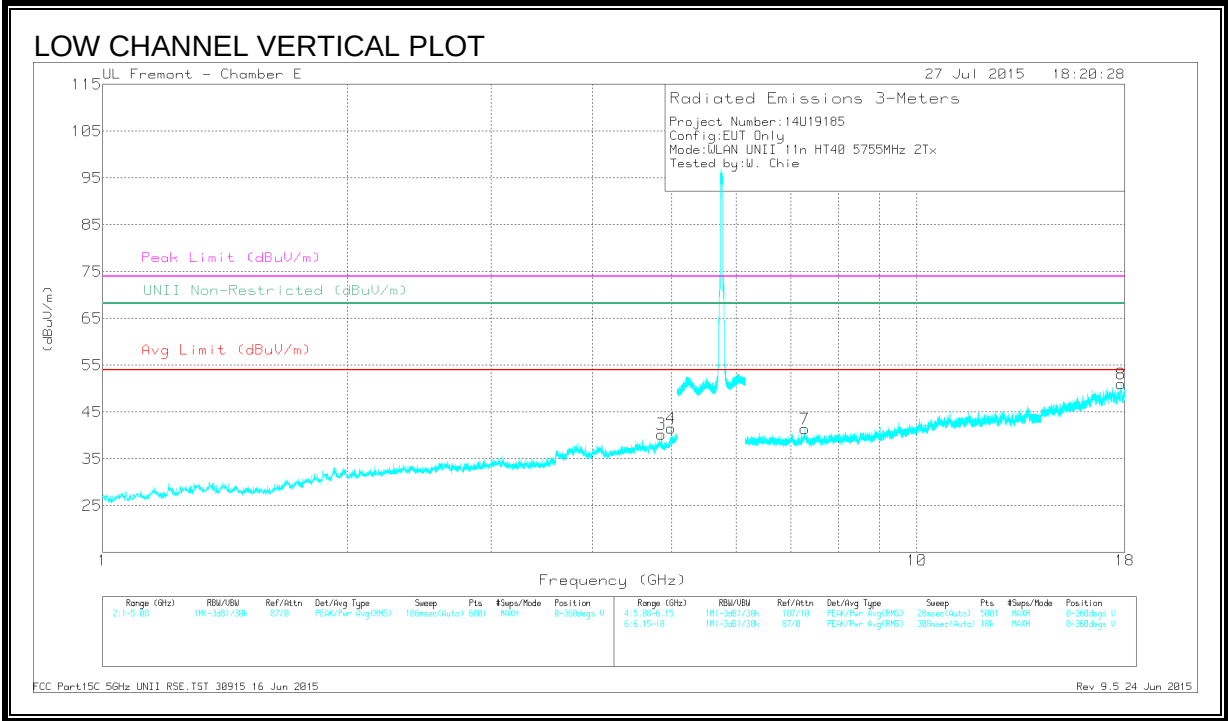
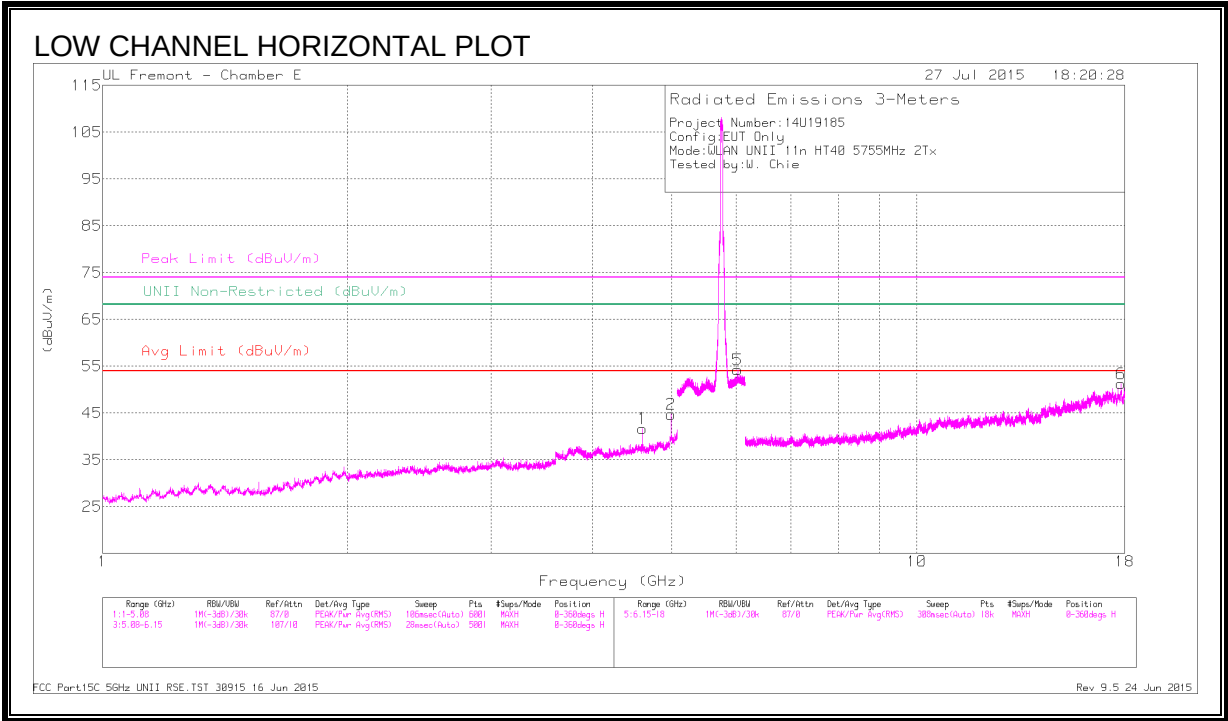


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -64.39              | Pk  | 34.9           | -21.2                  | 11.8                   | 0            | -38.89                 | -17              | -21.89         | 247            | 195         | V        |
| 2      | 5.951           | -61.43              | Pk  | 35             | -21.1                  | 11.8                   | 0            | -35.73                 | -27              | -8.73          | 247            | 195         | V        |

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

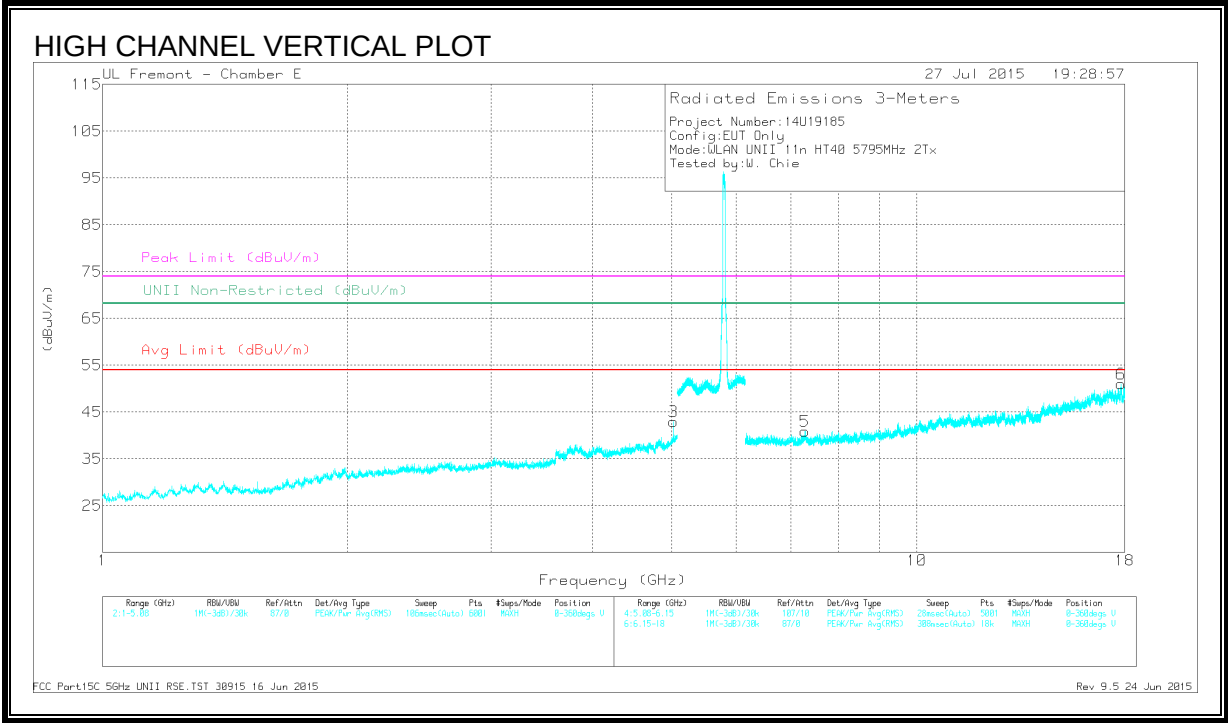
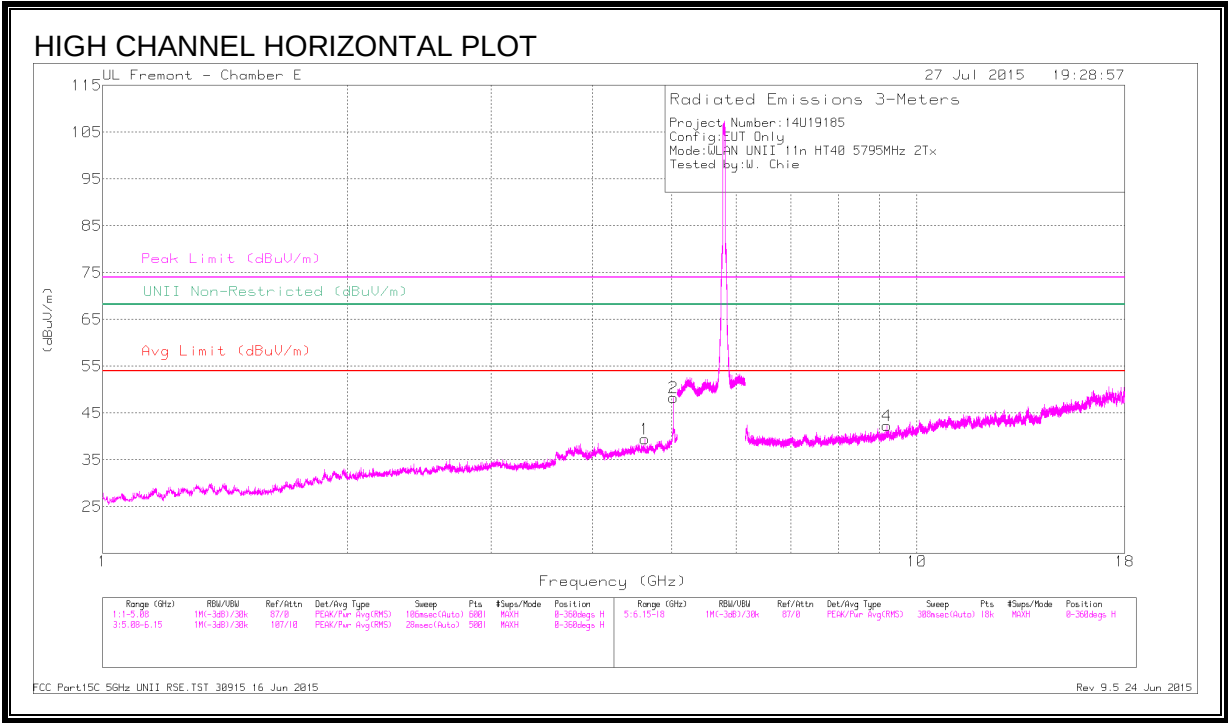
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/FI tr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.603         | 43.26                | PK-U | 34.1           | -30.5                 | 46.86                      | -                  | -           | 74                  | -27.14         | -                            | -              | 118            | 303         | H        |
|        | * 4.604         | 30.63                | ADR  | 34.1           | -30.5                 | 34.23                      | 54                 | -19.77      | -                   | -              | -                            | -              | 118            | 303         | H        |
| 2      | * 4.987         | 43.34                | PK-U | 34.2           | -30.2                 | 47.34                      | -                  | -           | 74                  | -26.66         | -                            | -              | 352            | 323         | H        |
|        | * 4.988         | 31.01                | ADR  | 34.2           | -30.2                 | 35.01                      | 54                 | -18.99      | -                   | -              | -                            | -              | 352            | 323         | H        |
| 3      | * 4.858         | 41.22                | PK-U | 34.1           | -30.2                 | 45.12                      | -                  | -           | 74                  | -28.88         | -                            | -              | 209            | 134         | V        |
|        | * 4.857         | 29.34                | ADR  | 34.1           | -30.2                 | 33.24                      | 54                 | -20.76      | -                   | -              | -                            | -              | 209            | 134         | V        |
| 4      | * 4.988         | 43.06                | PK-U | 34.2           | -30.2                 | 47.06                      | -                  | -           | 74                  | -26.94         | -                            | -              | 247            | 318         | V        |
|        | * 4.988         | 31.03                | ADR  | 34.2           | -30.2                 | 35.03                      | 54                 | -18.97      | -                   | -              | -                            | -              | 247            | 318         | V        |
| 6      | * 17.808        | 37.27                | PK-U | 41.1           | -20.4                 | 57.97                      | -                  | -           | 74                  | -16.03         | -                            | -              | 24             | 375         | H        |
|        | * 17.808        | 25.27                | ADR  | 41.1           | -20.5                 | 45.87                      | 54                 | -8.13       | -                   | -              | -                            | -              | 24             | 375         | H        |
| 7      | * 7.284         | 38.8                 | PK-U | 35.5           | -26.9                 | 47.4                       | -                  | -           | 74                  | -26.6          | -                            | -              | 180            | 223         | V        |
|        | * 7.284         | 27.17                | ADR  | 35.5           | -26.9                 | 35.77                      | 54                 | -18.23      | -                   | -              | -                            | -              | 180            | 223         | V        |
| 8      | * 17.806        | 37.38                | PK-U | 41.1           | -20.6                 | 57.88                      | -                  | -           | 74                  | -16.12         | -                            | -              | 28             | 211         | V        |
|        | * 17.805        | 25.25                | ADR  | 41.1           | -20.6                 | 45.75                      | 54                 | -8.25       | -                   | -              | -                            | -              | 28             | 211         | V        |
| 5      | 6.024           | 45.69                | PK-U | 35.2           | -20.6                 | 60.29                      | -                  | -           | -                   | -              | 68.2                         | -7.91          | 145            | 221         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cb/FI tr/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      | * 4.636         | 44.25                | PK-U | 34.1           | -30.8                 | 47.55                      | -                  | -           | 74                  | -26.45         | -                            | -              | 49             | 135         | H        |
|        | * 4.636         | 34.54                | ADR  | 34.1           | -30.8                 | 37.84                      | 54                 | -16.16      | -                   | -              | -                            | -              | 49             | 135         | H        |
| 2      | * 5.022         | 48.68                | PK-U | 34.2           | -29.5                 | 53.38                      | -                  | -           | 74                  | -20.62         | -                            | -              | 50             | 134         | H        |
|        | * 5.022         | 43.02                | ADR  | 34.2           | -29.5                 | 47.72                      | 54                 | -6.28       | -                   | -              | -                            | -              | 50             | 134         | H        |
| 3      | * 5.022         | 45.96                | PK-U | 34.2           | -29.5                 | 50.66                      | -                  | -           | 74                  | -23.34         | -                            | -              | 32             | 138         | V        |
|        | * 5.022         | 38.17                | ADR  | 34.2           | -29.5                 | 42.87                      | 54                 | -11.13      | -                   | -              | -                            | -              | 32             | 138         | V        |
| 4      | * 9.19          | 38.83                | PK-U | 36.4           | -26.8                 | 48.43                      | -                  | -           | 74                  | -25.57         | -                            | -              | 45             | 149         | H        |
|        | * 9.189         | 26.59                | ADR  | 36.4           | -26.8                 | 36.19                      | 54                 | -17.81      | -                   | -              | -                            | -              | 45             | 149         | H        |
| 5      | * 7.29          | 38.73                | PK-U | 35.5           | -27                   | 47.23                      | -                  | -           | 74                  | -26.77         | -                            | -              | 107            | 148         | V        |
|        | * 7.289         | 27.21                | ADR  | 35.5           | -27                   | 35.71                      | 54                 | -18.29      | -                   | -              | -                            | -              | 107            | 148         | V        |
| 6      | * 17.813        | 37.66                | PK-U | 41.1           | -20.5                 | 58.26                      | -                  | -           | 74                  | -15.74         | -                            | -              | 35             | 365         | V        |
|        | * 17.812        | 25.26                | ADR  | 41.1           | -20.5                 | 45.86                      | 54                 | -8.14       | -                   | -              | -                            | -              | 35             | 365         | V        |

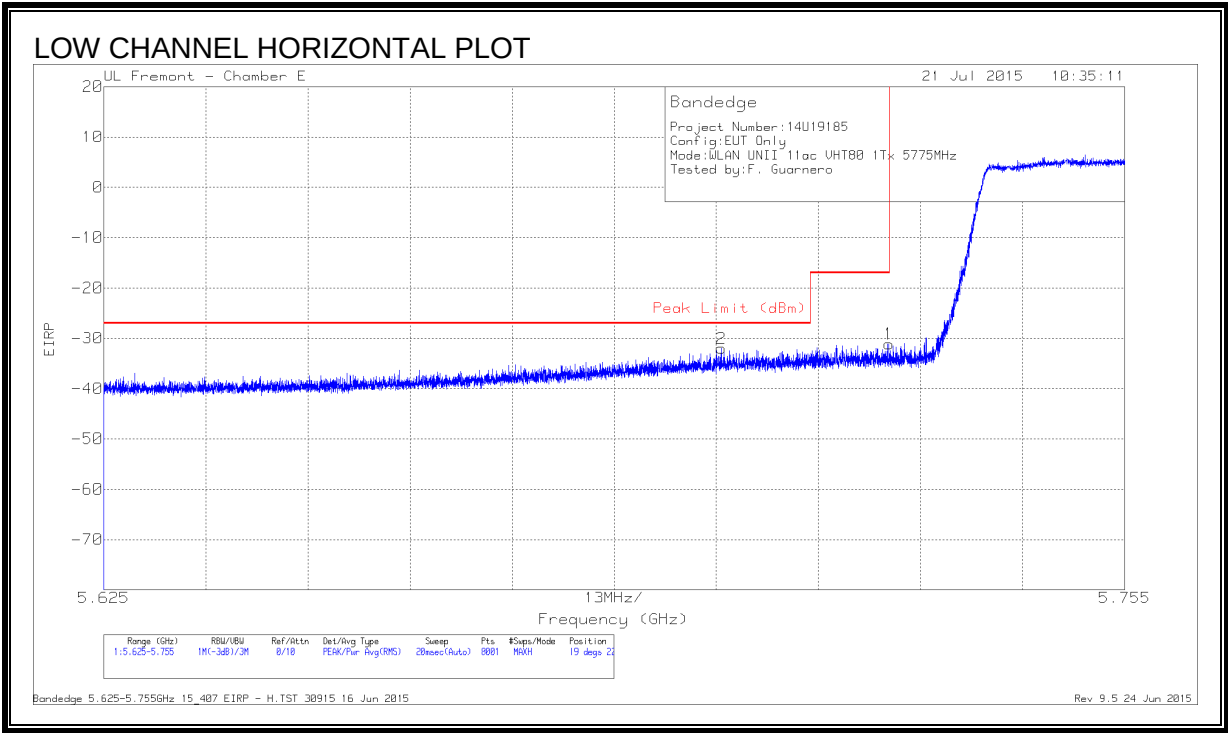
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.24. 802.11ac VHT80 1Tx MODE IN THE 5.8 GHz BAND

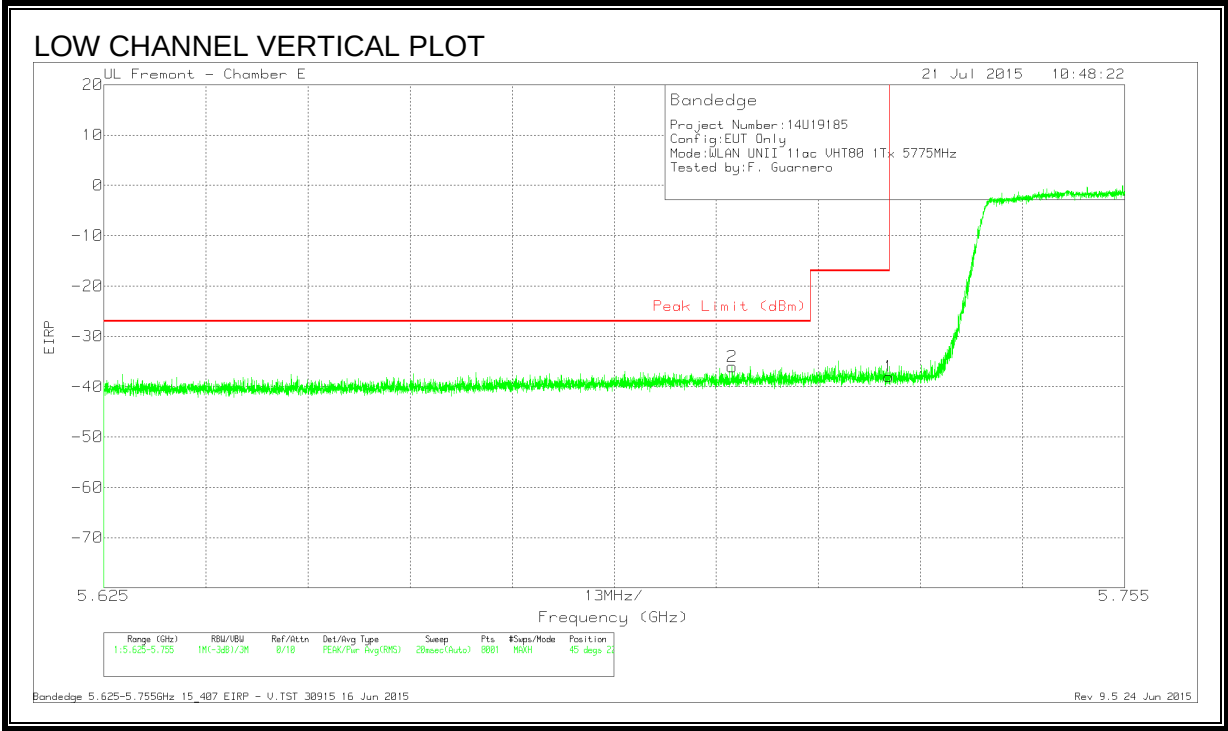
RESTRICTED BANDEDGE, CHAIN 0 (LOW)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -56.61              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -31.11                 | -17              | -14.11         | 19             | 223         | H        |
| 2      | 5.704           | -57.41              | Pk  | 34.7           | -21.1                  | 11.8                   | 0            | -32.01                 | -27              | -5.01          | 19             | 223         | H        |

Pk - Peak detector

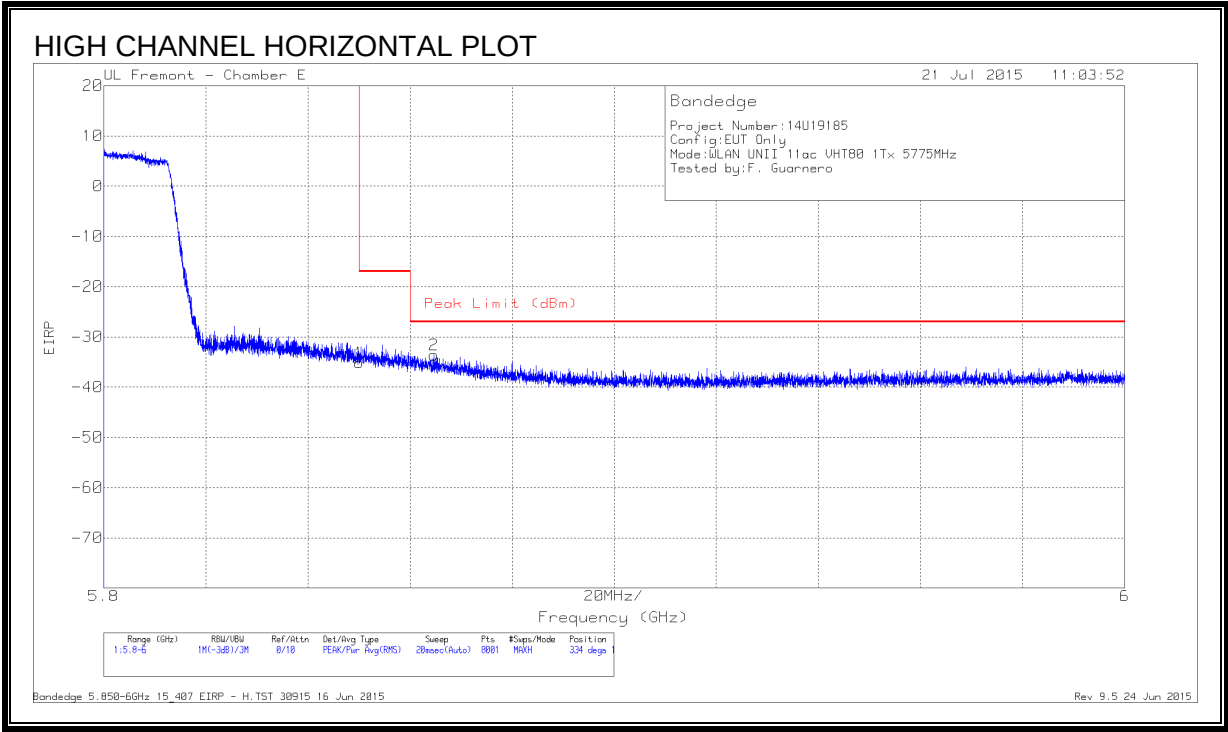


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.705           | -61.52              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -36.02                 | -27              | -9.02          | 45             | 221         | V        |
| 1      | 5.725           | -63.47              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -37.97                 | -17              | -20.97         | 45             | 221         | V        |

Pk - Peak detector

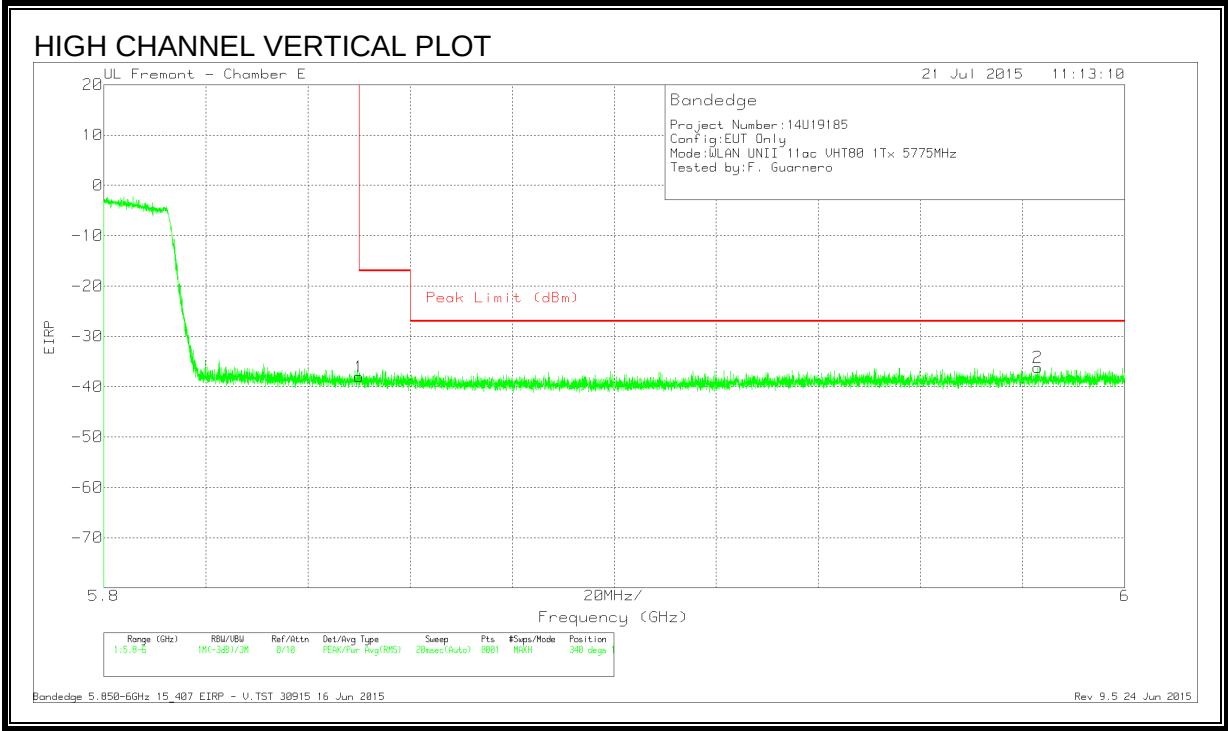
**RESTRICTED BANDEDGE, CHAIN 0 (HIGH)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Filtr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -60.65              | Pk  | 34.9           | -21.2                   | 11.8                   | 0            | -35.15                 | -17              | -18.15         | 334            | 105         | H        |
| 2      | 5.865           | -59.1               | Pk  | 34.9           | -21.2                   | 11.8                   | 0            | -33.6                  | -27              | -6.6           | 334            | 105         | H        |

Pk - Peak detector

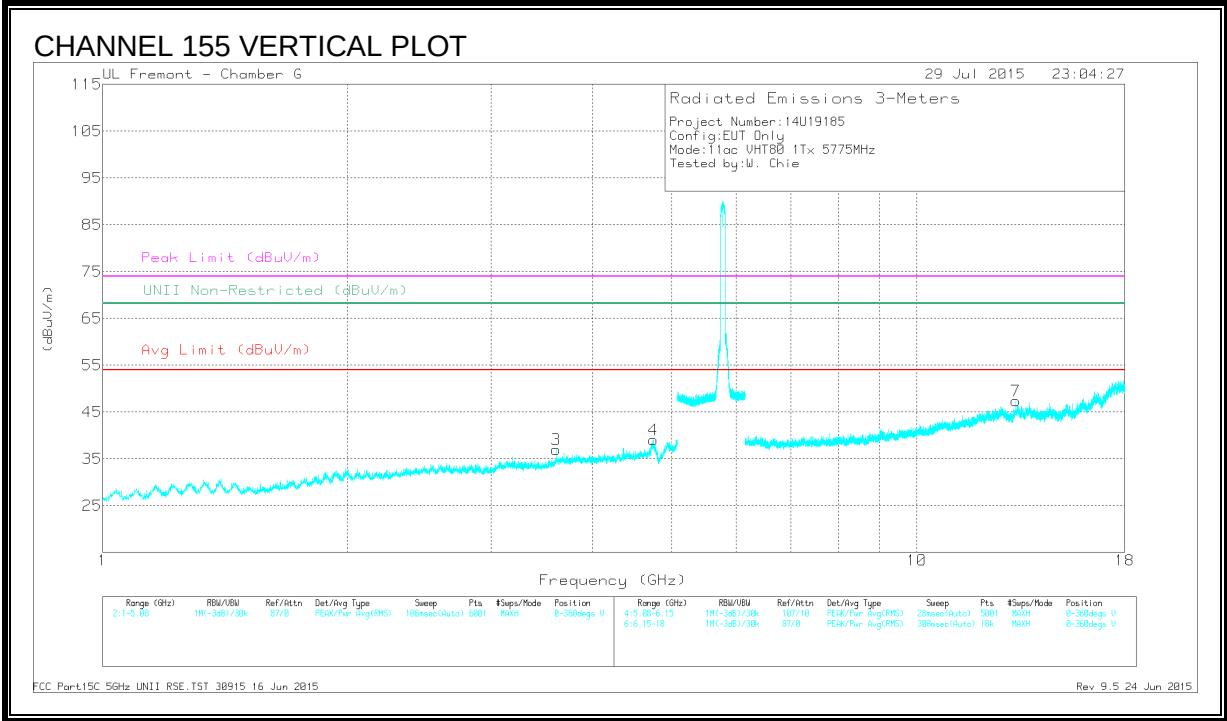
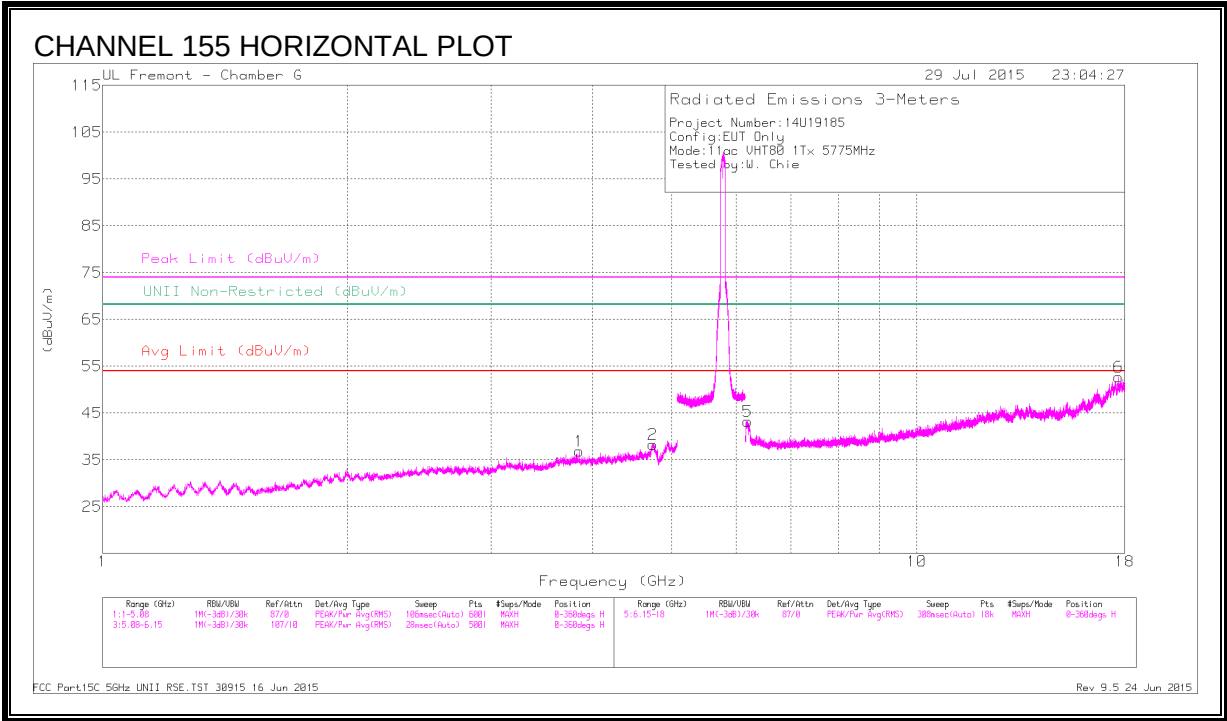


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -63.53              | Pk  | 34.9           | -21.2                  | 11.8                   | 0            | -38.03                 | -17              | -21.03         | 340            | 101         | V        |
| 2      | 5.983           | -62.28              | Pk  | 35.1           | -20.8                  | 11.8                   | 0            | -36.18                 | -27              | -9.18          | 340            | 101         | V        |

Pk - Peak detector

CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS



# DATA

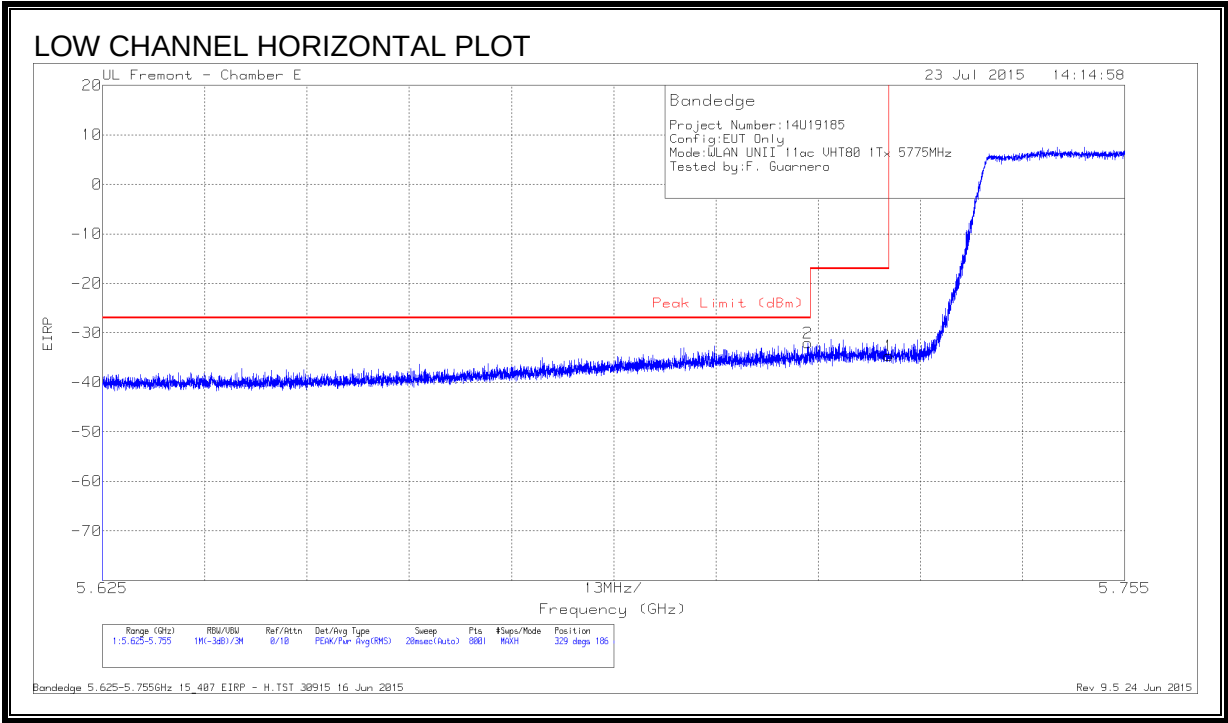
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T862 (dB/m) | Amp/Cbl/Fitr /Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 3.85          | 44.58                | PK-U | 33.1           | -32.7                  | 0            | 44.98                      | -                  | -           | 74                  | -29.02         | -                            | -              | 184            | 101         | H        |
|        | * 3.85          | 34                   | ADR  | 33.1           | -32.7                  | .19          | 34.59                      | 54                 | -19.41      | -                   | -              | -                            | -              | 184            | 101         | H        |
| 2      | * 4.742         | 44.97                | PK-U | 33.9           | -31.9                  | 0            | 46.97                      | -                  | -           | 74                  | -27.03         | -                            | -              | 165            | 152         | H        |
|        | * 4.743         | 32.6                 | ADR  | 33.9           | -31.9                  | .19          | 34.79                      | 54                 | -19.21      | -                   | -              | -                            | -              | 165            | 152         | H        |
| 3      | * 3.606         | 43.31                | PK-U | 33.1           | -32.8                  | 0            | 43.61                      | -                  | -           | 74                  | -30.39         | -                            | -              | 215            | 219         | V        |
|        | * 3.607         | 30.4                 | ADR  | 33.1           | -32.8                  | .19          | 30.89                      | 54                 | -23.11      | -                   | -              | -                            | -              | 215            | 219         | V        |
| 4      | * 4.746         | 44.18                | PK-U | 33.9           | -32                    | 0            | 46.08                      | -                  | -           | 74                  | -27.92         | -                            | -              | 15             | 320         | V        |
|        | * 4.746         | 32.1                 | ADR  | 33.9           | -32                    | .19          | 34.19                      | 54                 | -19.81      | -                   | -              | -                            | -              | 15             | 320         | V        |
| 5      | 6.201           | 45.21                | PK-U | 35.5           | -31.8                  | 0            | 48.91                      | -                  | -           | -                   | -              | 68.2                         | -19.29         | 86             | 280         | H        |
| 7      | 13.234          | 38.94                | PK-U | 39.5           | -25.1                  | 0            | 53.34                      | -                  | -           | -                   | -              | 68.2                         | -14.86         | 88             | 207         | V        |
| 6      | 17.688          | 37.45                | PK-U | 41.5           | -20.2                  | 0            | 58.75                      | -                  | -           | -                   | -              | 68.2                         | -9.45          | 115            | 240         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

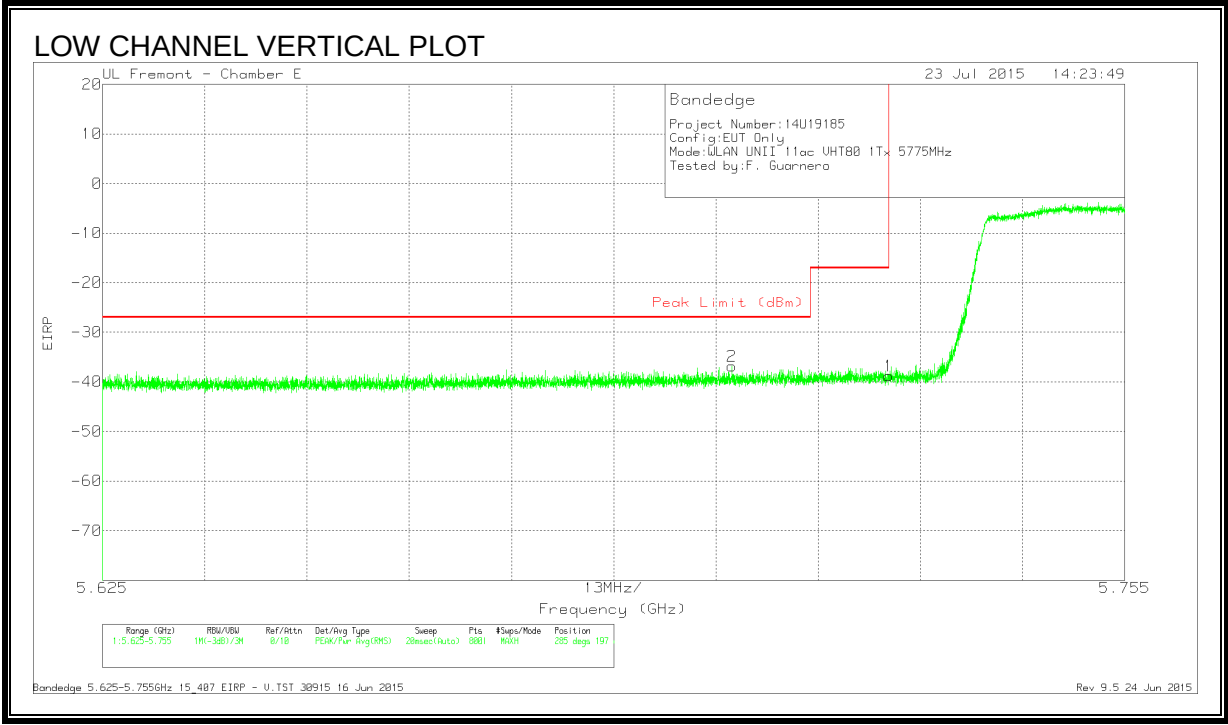
**RESTRICTED BANDEDGE, CHAIN 1 (LOW)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -60.17              | Pk  | 34.7           | -21                    | 11.8                   | -34.67                 | -17              | -17.67         | 329            | 186         | H        |
| 2      | 5.715           | -57.55              | Pk  | 34.7           | -21                    | 11.8                   | -32.05                 | -27              | -5.05          | 329            | 186         | H        |

Pk - Peak detector

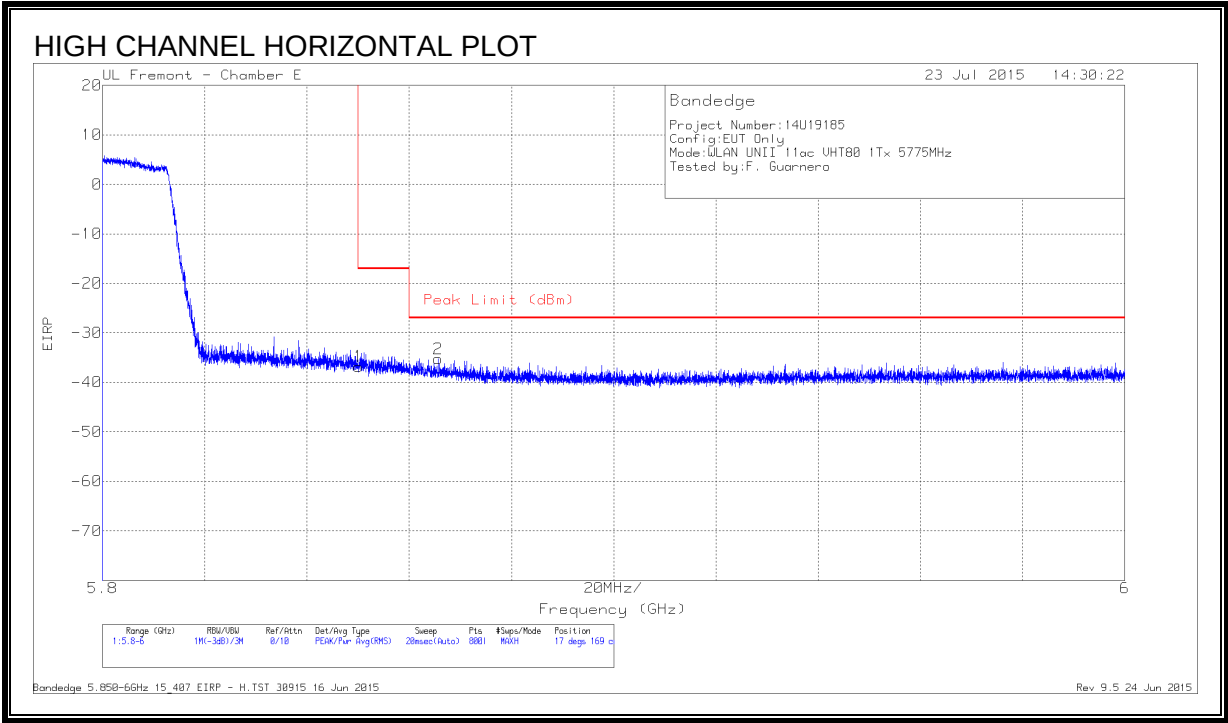


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -64.33              | Pk  | 34.7           | -21                    | 11.8                   | -38.83                 | -17              | -21.83         | 285            | 197         | V        |
| 2      | 5.705           | -62.31              | Pk  | 34.7           | -21                    | 11.8                   | -36.81                 | -27              | -9.81          | 285            | 197         | V        |

Pk - Peak detector

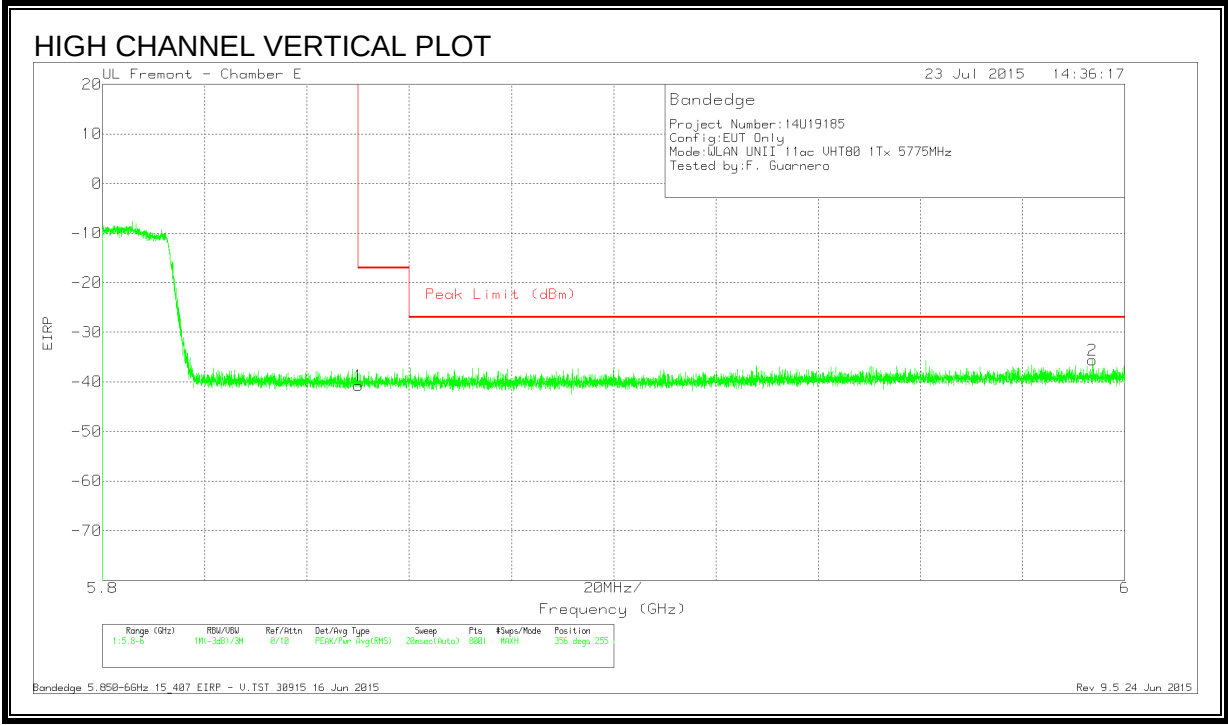
RESTRICTED BANDEDGE, CHAIN 1 (HIGH)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -62.27              | Pk  | 34.9           | -21.2                  | 11.8                   | -36.77                 | -17              | -19.77         | 17             | 169         | H        |
| 2      | 5.866           | -60.78              | Pk  | 34.9           | -21.2                  | 11.8                   | -35.28                 | -27              | -8.28          | 17             | 169         | H        |

Pk - Peak detector

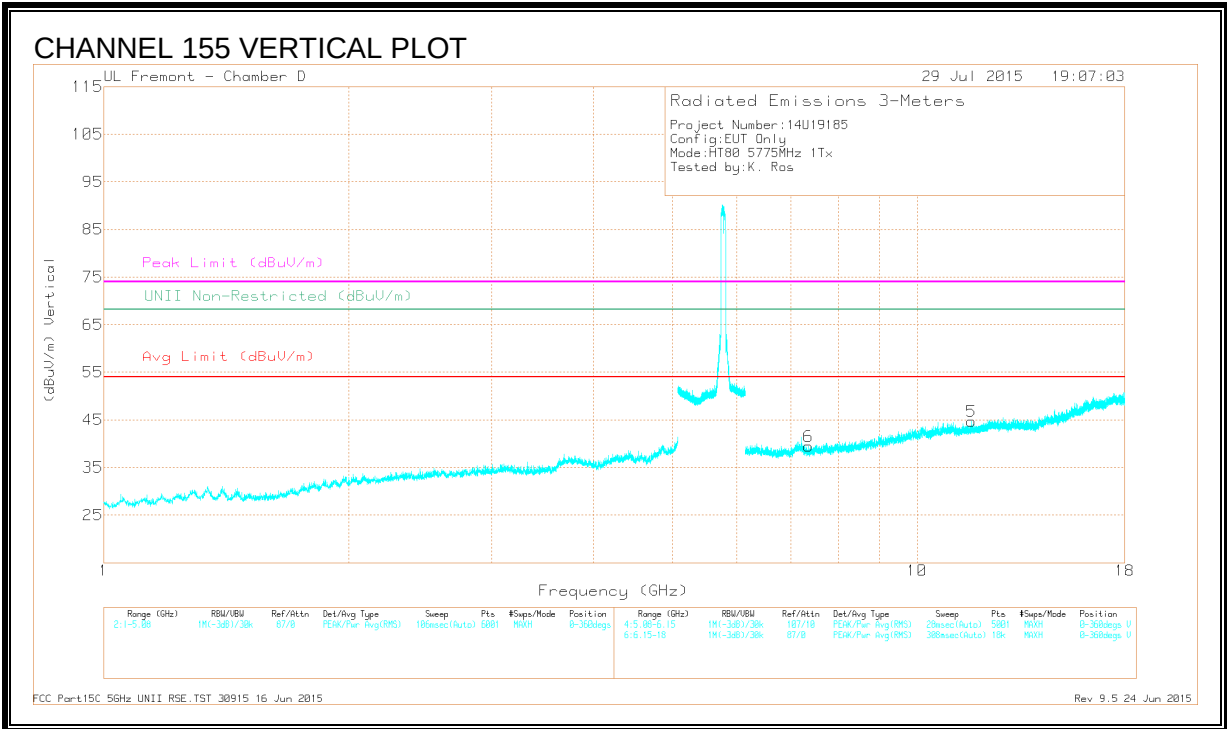
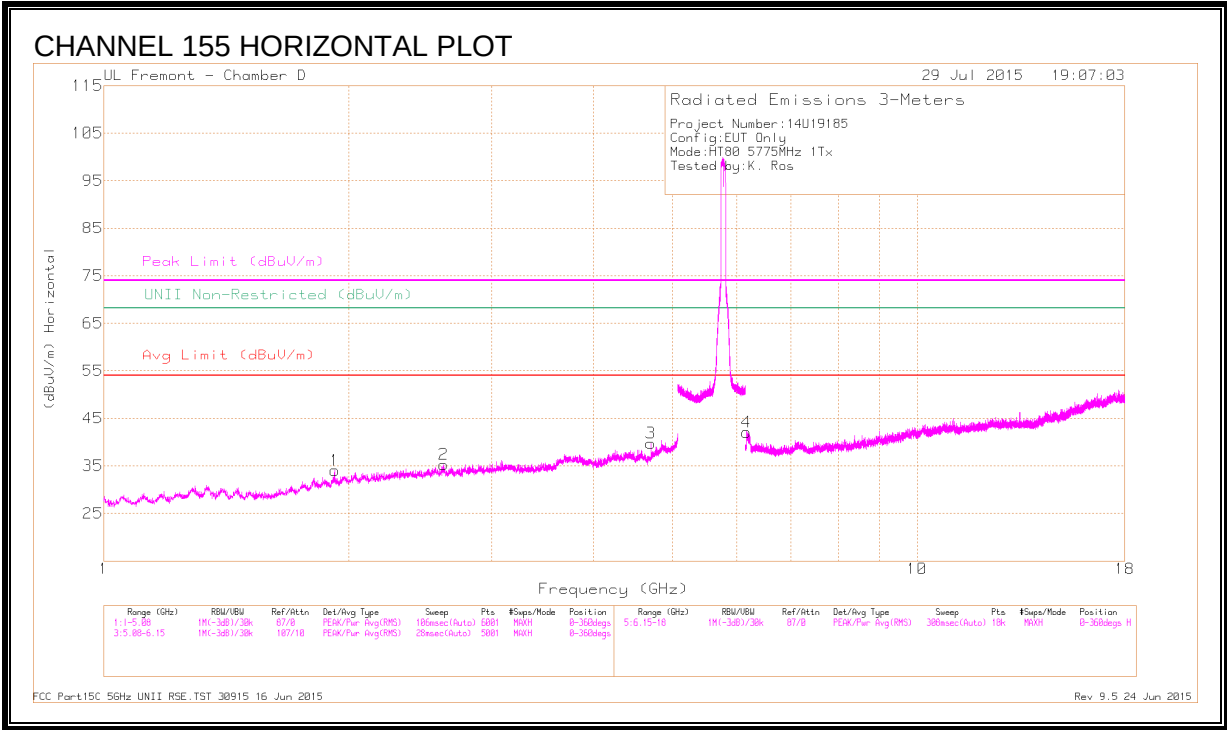


DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -66.22              | Pk  | 34.9           | -21.2                  | 11.8                   | -40.72                 | -17              | -23.72         | 356            | 255         | V        |
| 2      | 5.994           | -61.57              | Pk  | 35.1           | -20.9                  | 11.8                   | -35.57                 | -27              | -8.57          | 356            | 255         | V        |

Pk - Peak detector

CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T344 (dB/m) | Amp/Cbl/Fitr/ 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) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 1.924           | 40.29                | PK-U | 30.8           | -31.1                  | 0            | 39.99                      | -                  | -           | -                   | -              | 68.2                         | -28.21         | 79             | 309         | H        |
| 2      | 2.62            | 39.76                | PK-U | 32.4           | -29.9                  | 0            | 42.26                      | -                  | -           | -                   | -              | 68.2                         | -25.94         | 301            | 222         | H        |
| 3      | * 4.705         | 40.15                | PK-U | 34.2           | -28.3                  | 0            | 46.05                      | -                  | -           | 74                  | -27.95         | -                            | -              | 103            | 224         | H        |
|        | * 4.706         | 30.58                | ADR  | 34.2           | -28.3                  | .19          | 36.67                      | 54                 | -17.33      | -                   | -              | -                            | -              | 103            | 224         | H        |
| 4      | 6.173           | 41.43                | PK-U | 35.5           | -26.4                  | 0            | 50.53                      | -                  | -           | -                   | -              | 68.2                         | -17.67         | 215            | 102         | H        |
| 5      | * 11.669        | 34.1                 | PK-U | 38.2           | -21.2                  | 0            | 51.1                       | -                  | -           | 74                  | -22.9          | -                            | -              | 175            | 212         | V        |
|        | * 11.671        | 22.32                | ADR  | 38.2           | -21.2                  | .19          | 39.51                      | 54                 | -14.49      | -                   | -              | -                            | -              | 175            | 212         | V        |
| 6      | * 7.348         | 37.15                | PK-U | 35.5           | -25.9                  | 0            | 46.75                      | -                  | -           | 74                  | -27.25         | -                            | -              | 243            | 231         | V        |
|        | * 7.35          | 24.91                | ADR  | 35.5           | -25.9                  | .19          | 34.7                       | 54                 | -19.3       | -                   | -              | -                            | -              | 243            | 231         | V        |

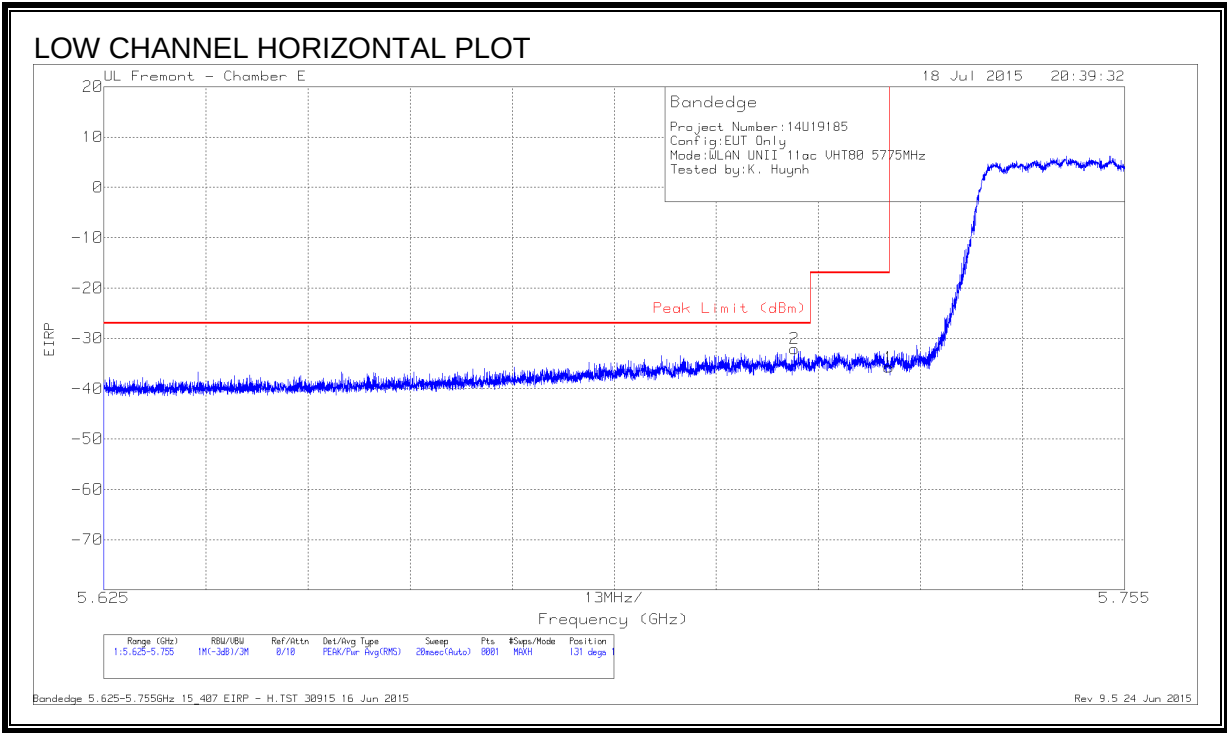
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.25. 802.11ac VHT80 2Tx CDD MODE IN THE 5.8 GHz BAND

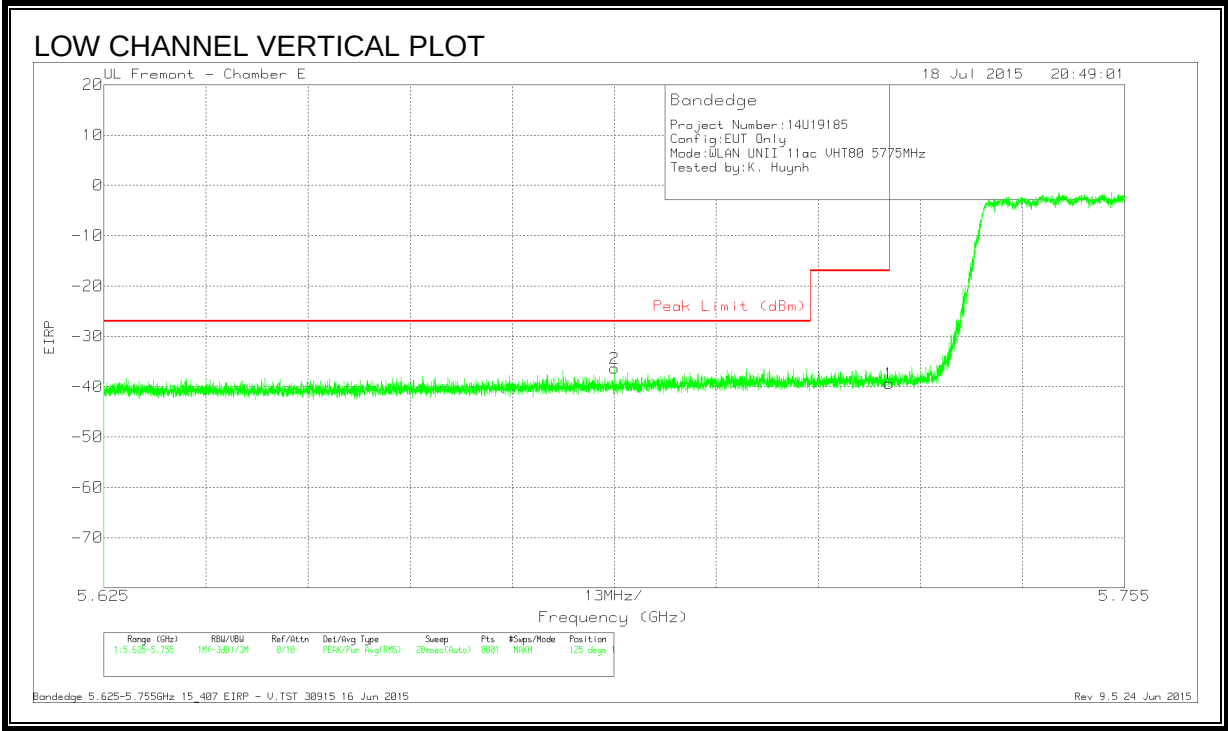
RESTRICTED BANDEDGE (LOW)



DATA

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -61.24              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -35.74                 | -17              | -18.74         | 131            | 138         | H        |
| 2      | 5.713           | -57.55              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -32.05                 | -27              | -5.05          | 131            | 138         | H        |

Pk - Peak detector

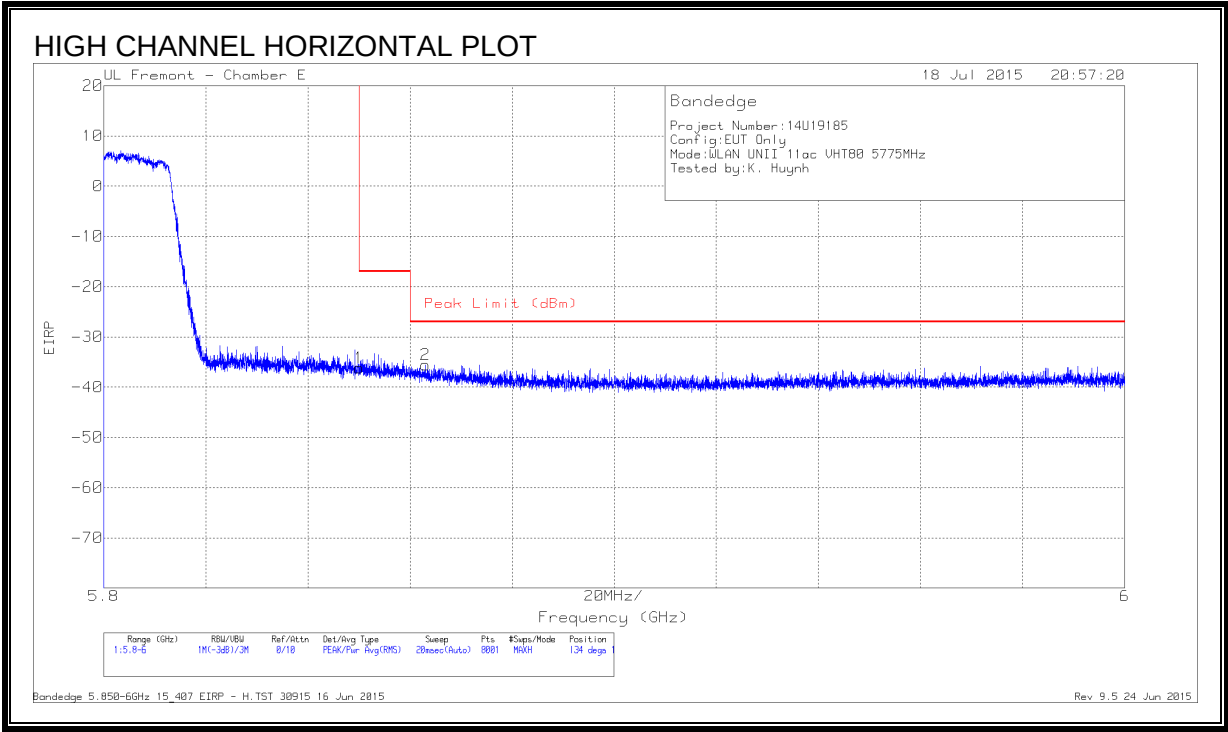


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -64.89              | Pk  | 34.7           | -21                    | 11.8                   | 0            | -39.39                 | -17              | -22.39         | 125            | 142         | V        |
| 2      | 5.69            | -61.64              | Pk  | 34.6           | -21.1                  | 11.8                   | 0            | -36.34                 | -27              | -9.34          | 125            | 142         | V        |

Pk - Peak detector

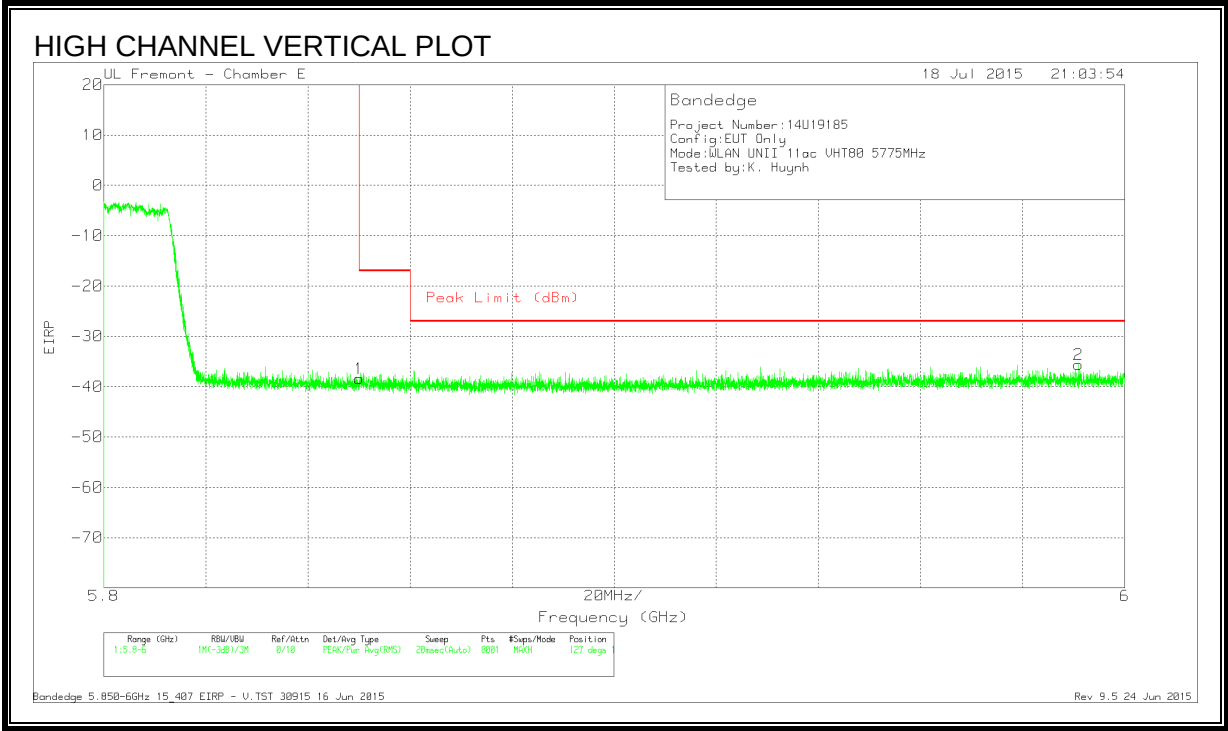
**RESTRICTED BANDEGE (HIGH)**



**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversio n Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|-------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -61.65              | Pk  | 34.9           | -21.2                  | 11.8                    | 0            | -36.15                 | -17              | -19.15         | 134            | 159         | H        |
| 2      | 5.863           | -61.05              | Pk  | 34.9           | -21.2                  | 11.8                    | 0            | -35.55                 | -27              | -8.55          | 134            | 159         | H        |

Pk - Peak detector

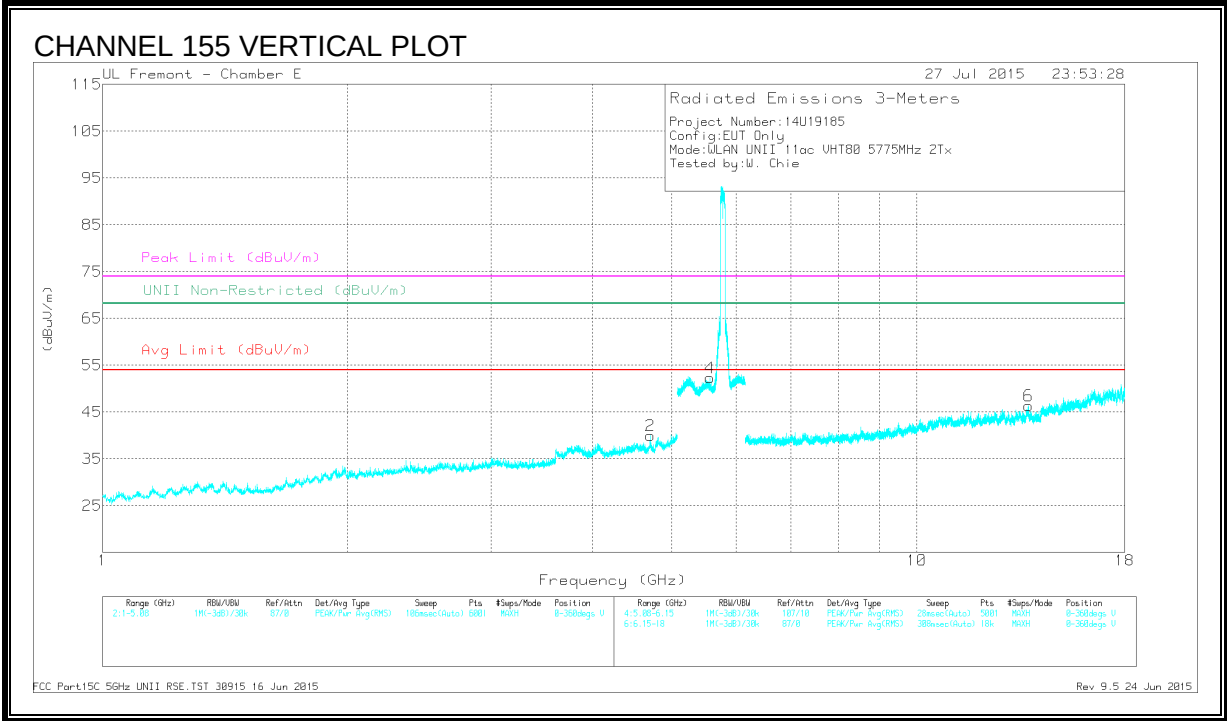
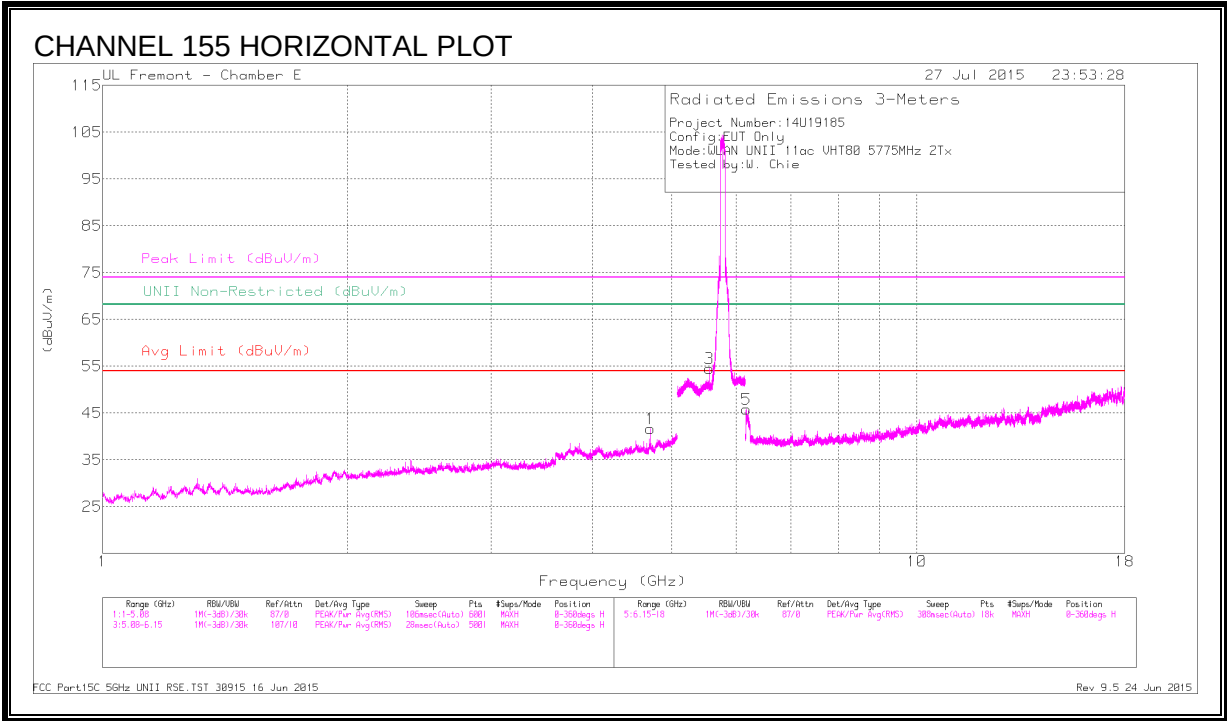


**DATA**

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T346 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -63.89              | Pk  | 34.9           | -21.2                  | 11.8                   | 0            | -38.39                 | -17              | -21.39         | 127            | 163         | V        |
| 2      | 5.991           | -61.65              | Pk  | 35.1           | -20.9                  | 11.8                   | 0            | -35.65                 | -27              | -8.65          | 127            | 163         | V        |

Pk - Peak detector

CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS



# DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl/Fi tr/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) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 4.705         | 44.68                | PK-U | 34.2           | -30.1                  | 0            | 48.78                      | -                  | -           | 74                  | -25.22         | -                            | -              | 37             | 110         | H        |
|        | * 4.706         | 35.67                | ADR  | 34.2           | -30.1                  | .22          | 39.99                      | 54                 | -14.01      | -                   | -              | -                            | -              | 37             | 110         | H        |
| 2      | * 4.706         | 44.17                | PK-U | 34.2           | -30.1                  | 0            | 48.27                      | -                  | -           | 74                  | -25.73         | -                            | -              | 46             | 212         | V        |
|        | * 4.706         | 33.86                | ADR  | 34.2           | -30.1                  | .22          | 38.18                      | 54                 | -15.82      | -                   | -              | -                            | -              | 46             | 212         | V        |
| 3      | 5.561           | 46.88                | PK-U | 34.6           | -21.3                  | 0            | 60.18                      | -                  | -           | -                   | -              | 68.2                         | -8.02          | 85             | 129         | H        |
| 4      | 5.566           | 45.03                | PK-U | 34.5           | -21.2                  | 0            | 58.33                      | -                  | -           | -                   | -              | 68.2                         | -9.87          | 125            | 219         | V        |
| 5      | 6.173           | 46.28                | PK-U | 35.3           | -29.2                  | 0            | 52.38                      | -                  | -           | -                   | -              | 68.2                         | -15.82         | 114            | 133         | H        |
| 6      | 13.703          | 38.82                | PK-U | 38.5           | -24                    | 0            | 53.32                      | -                  | -           | -                   | -              | 68.2                         | -14.88         | 105            | 221         | V        |

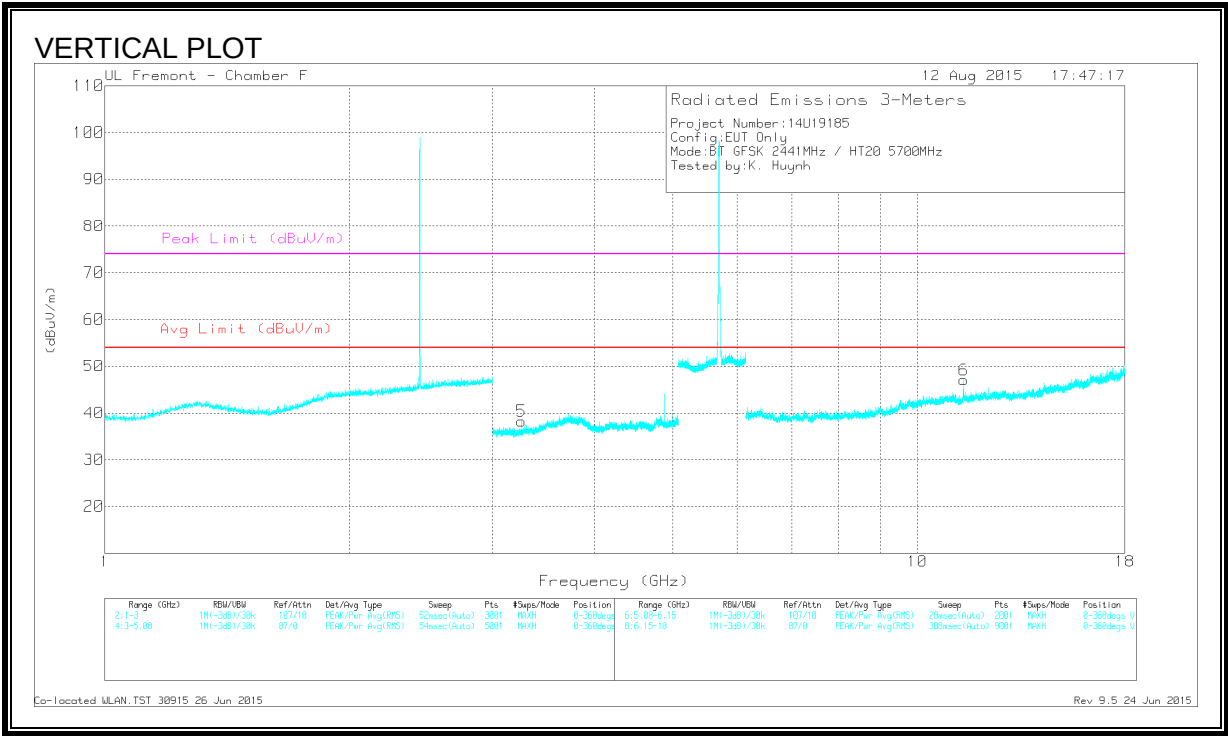
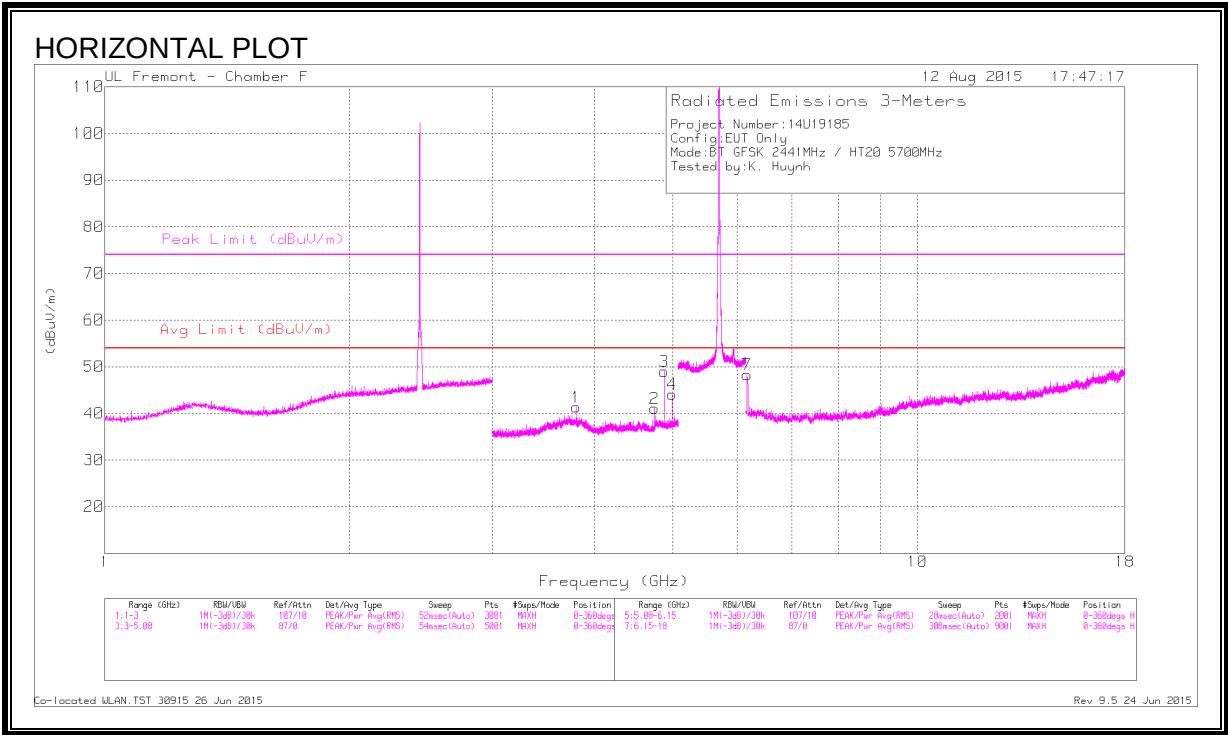
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.26. WORST CASE CO-LOCATION

BLUETOOTH AND 802.11 HT20 2Tx CDD MODE IN THE 5.6GHZ BAND



# **HORIZONTAL AND VERTICAL DATA**

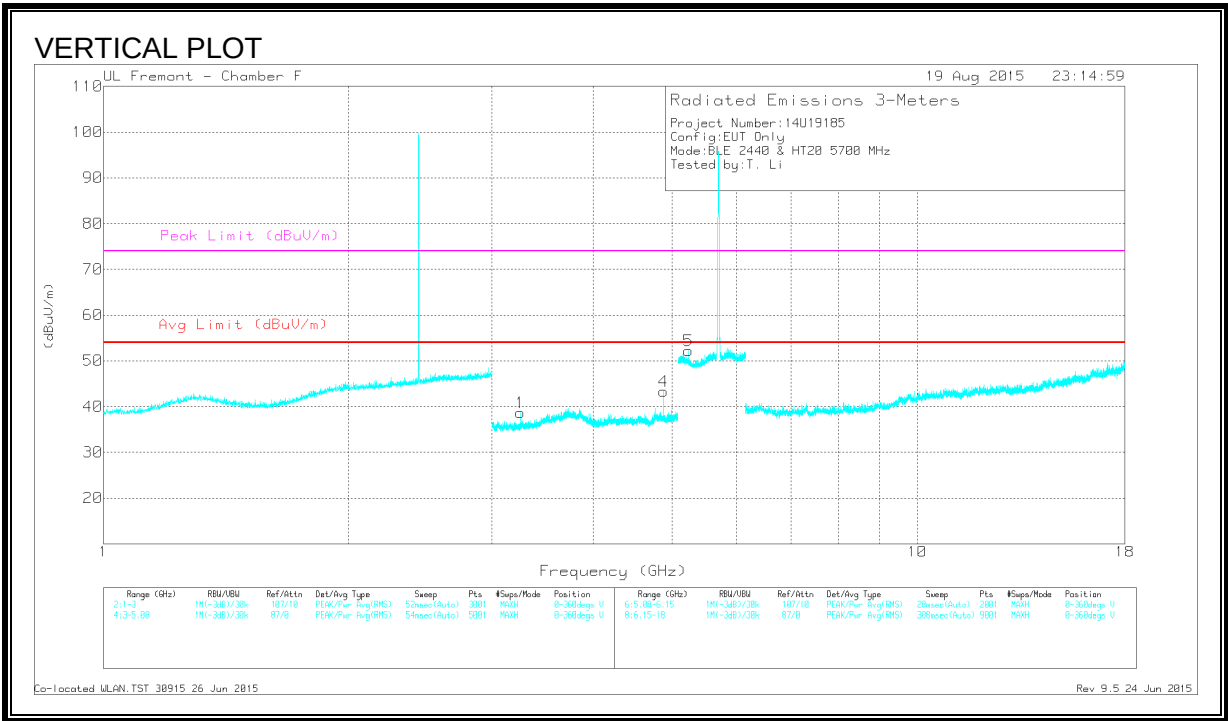
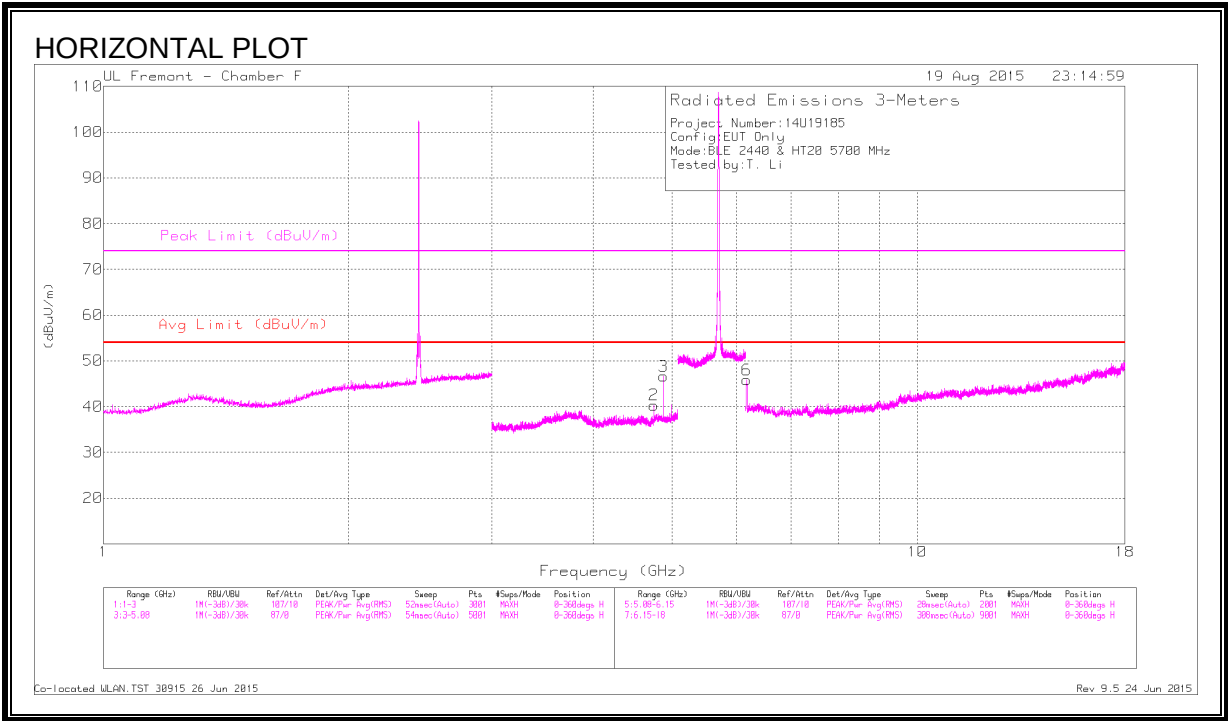
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T120 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 3.8           | 39.82                | PK-U | 34.1           | -28.9                  | 45.02                      | -                  | -           | 74                  | -28.98      | 151            | 103         | H        |
|        | * 3.8           | 31.14                | ADR  | 34.1           | -28.9                  | 36.34                      | 53.97              | -17.63      | -                   | -           | 151            | 103         | H        |
| 2      | * 4.75          | 39.83                | PK-U | 34.1           | -28.4                  | 45.53                      | -                  | -           | 74                  | -28.47      | 18             | 116         | H        |
|        | * 4.75          | 32.03                | ADR  | 34.1           | -28.4                  | 37.73                      | 53.97              | -16.24      | -                   | -           | 18             | 116         | H        |
| 3      | * 4.882         | 43.9                 | PK-U | 34.1           | -27.9                  | 50.1                       | -                  | -           | 74                  | -23.9       | 38             | 204         | H        |
|        | * 4.882         | 38.72                | ADR  | 34.1           | -27.9                  | 44.92                      | 53.97              | -9.05       | -                   | -           | 38             | 204         | H        |
| 4      | * 4.987         | 42.84                | PK-U | 34.1           | -28.9                  | 48.04                      | -                  | -           | 74                  | -25.96      | 98             | 102         | H        |
|        | * 4.987         | 35.75                | ADR  | 34.1           | -28.9                  | 40.95                      | 53.97              | -13.02      | -                   | -           | 98             | 102         | H        |
| 5      | 3.255           | 41.93                | PK-U | 33.2           | -29.1                  | 46.03                      | -                  | -           | 74                  | -27.97      | 120            | 159         | V        |
|        | 3.255           | 30.71                | ADR  | 33.2           | -29.1                  | 34.81                      | 53.97              | -19.16      | -                   | -           | 120            | 159         | V        |
| 6      | * 11.403        | 38.03                | PK-U | 38.4           | -22.4                  | 54.03                      | -                  | -           | 74                  | -19.97      | 99             | 151         | V        |
|        | * 11.4          | 26.14                | ADR  | 38.4           | -22.5                  | 42.04                      | 53.97              | -11.93      | -                   | -           | 99             | 151         | V        |
| 7      | 6.171           | 44.71                | PK-U | 35.7           | -26.7                  | 53.71                      | -                  | -           | 74                  | -20.29      | 139            | 181         | H        |
|        | 6.172           | 34.65                | ADR  | 35.7           | -26.7                  | 43.65                      | 53.97              | -10.32      | -                   | -           | 139            | 181         | H        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

BLUETOOTH LOW ENERGY AND 802.11 HT20 2Tx CDD MODE IN THE 5.6GHz BAND



### **HORIZONTAL AND VERTICAL DATA**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T120 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 2      | * 4.75          | 40.89                | PK-U | 34.1           | -28.4                  | 46.59                      | -                  | -           | 74                  | -27.41      | 0              | 176         | H        |
|        | * 4.75          | 32.42                | ADR  | 34.1           | -28.4                  | 38.12                      | 53.97              | -15.85      | -                   | -           | 0              | 176         | H        |
| 3      | * 4.881         | 43.96                | PK-U | 34.1           | -27.9                  | 50.16                      | -                  | -           | 74                  | -23.84      | 283            | 248         | H        |
|        | * 4.88          | 37.91                | ADR  | 34.1           | -27.9                  | 44.11                      | 53.97              | -9.86       | -                   | -           | 283            | 248         | H        |
| 1      | 3.253           | 41.27                | PK-U | 33.2           | -29.1                  | 45.37                      | -                  | -           | 74                  | -28.63      | 8              | 100         | V        |
| 4      | * 4.879         | 41.17                | PK-U | 34.1           | -27.9                  | 47.37                      | -                  | -           | 74                  | -26.63      | 347            | 189         | V        |
|        | * 4.88          | 33.55                | ADR  | 34.1           | -27.9                  | 39.75                      | 53.97              | -14.22      | -                   | -           | 347            | 189         | V        |
| 5      | 5.237           | 41.68                | PK-U | 34.4           | -18.4                  | 57.68                      | -                  | -           | 74                  | -16.32      | 67             | 119         | V        |
| 6      | 6.172           | 44.03                | PK-U | 35.7           | -26.7                  | 53.03                      | -                  | -           | 74                  | -20.97      | 283            | 100         | H        |

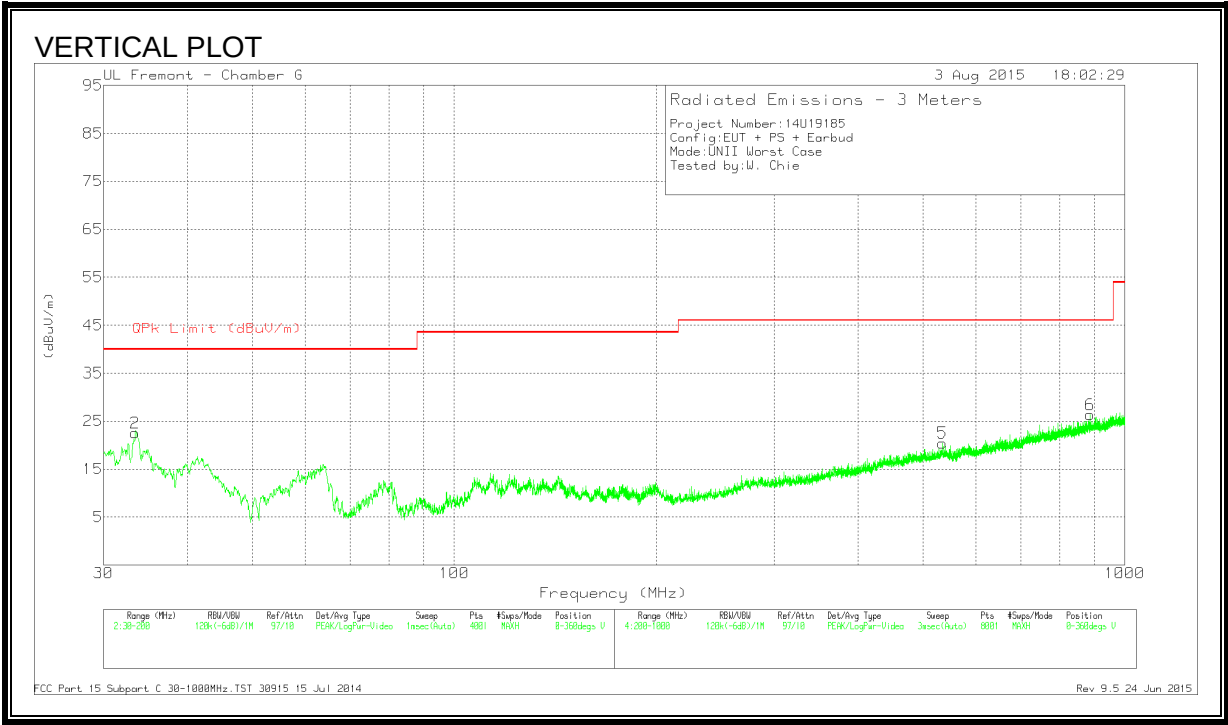
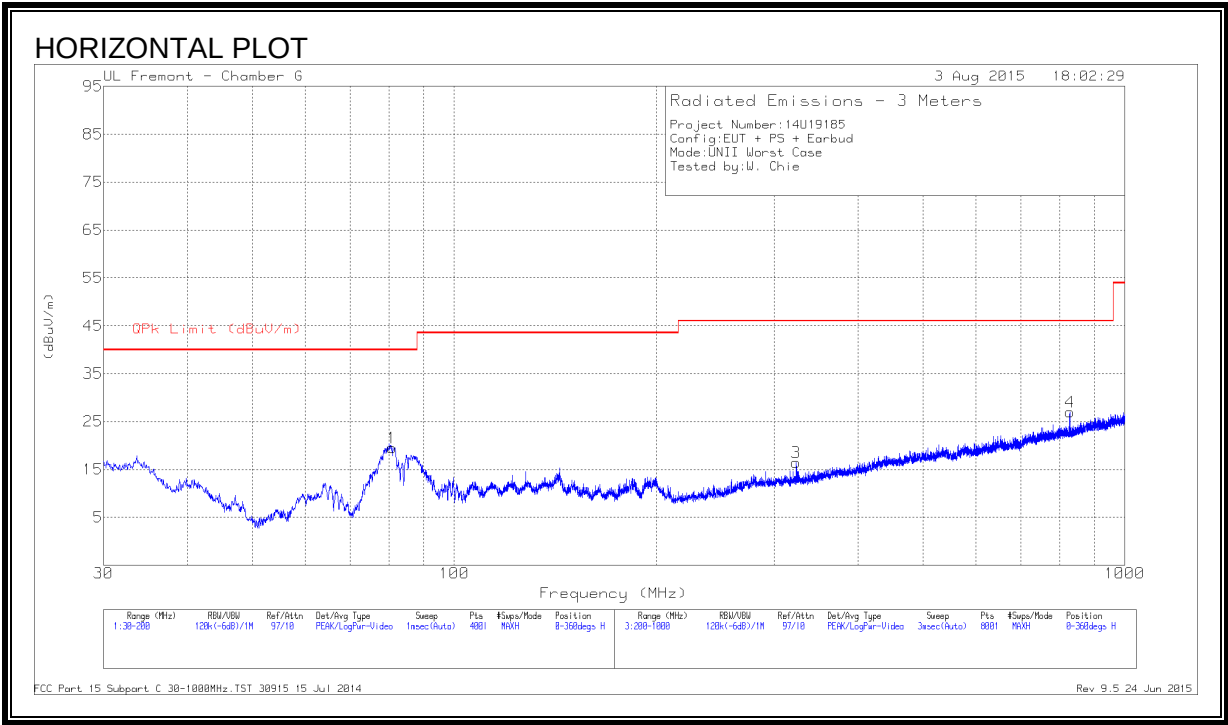
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.27.      WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



### HORIZONTAL AND VERTICAL DATA

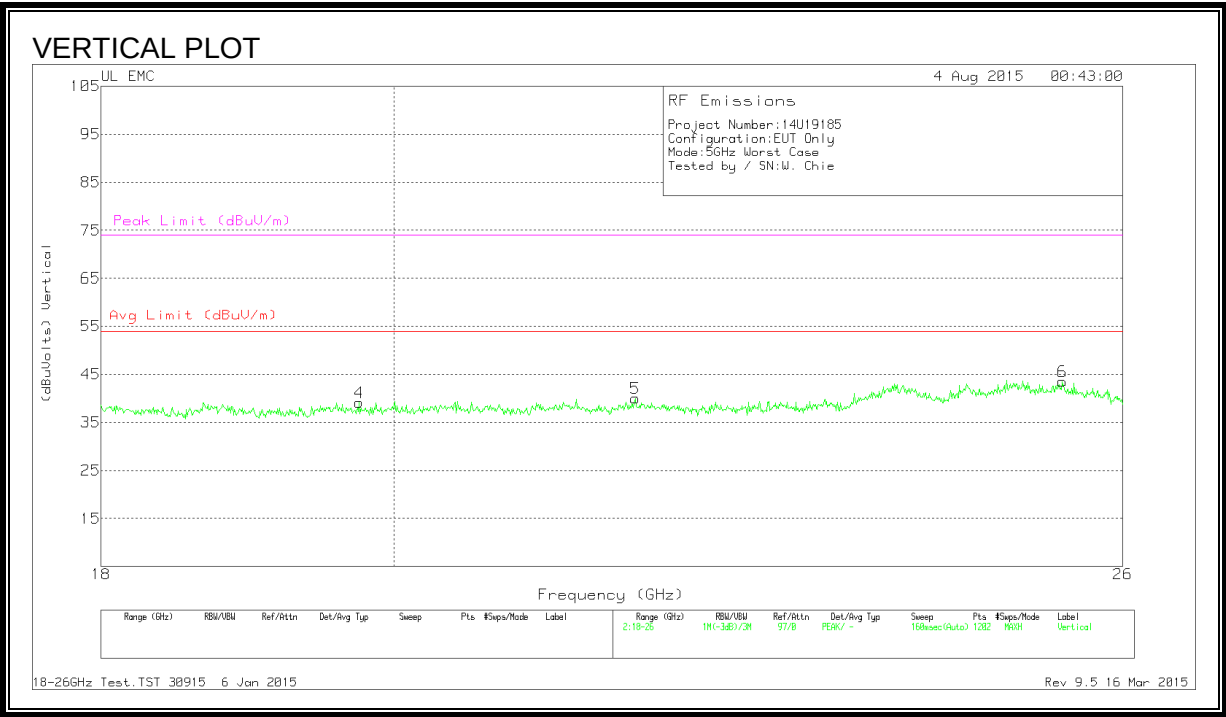
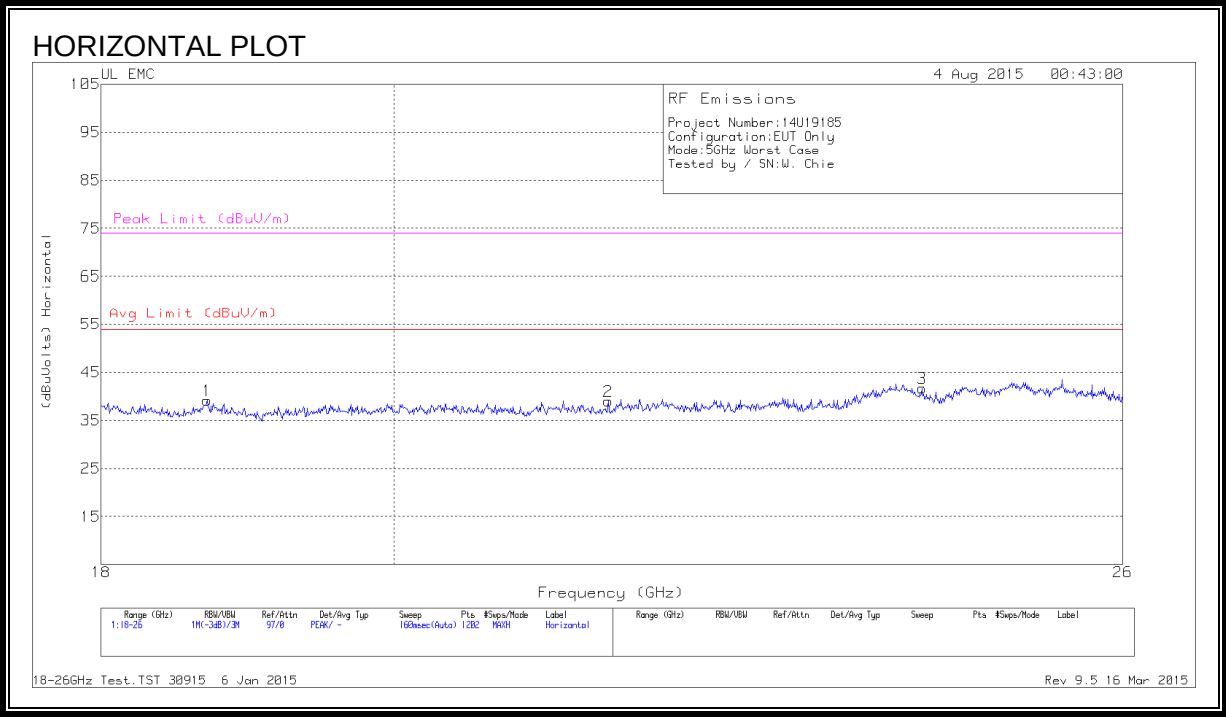
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF T899 (dB/m) | Amp Cbl (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 3      | * 323.7         | 31.39                | Pk  | 13.8           | -28.7        | 0            | 16.49                      | 46.02              | -29.53      | 0-360          | 100         | H        |
| 2      | 33.4425         | 34.69                | Pk  | 19.2           | -31.3        | 0            | 22.59                      | 40                 | -17.41      | 0-360          | 100         | V        |
| 1      | 80.745          | 42.62                | Pk  | 7.6            | -30.7        | 0            | 19.52                      | 40                 | -20.48      | 0-360          | 201         | H        |
| 5      | 534.4           | 29.96                | Pk  | 18.3           | -27.8        | 0            | 20.46                      | 46.02              | -25.56      | 0-360          | 301         | V        |
| 4      | 828.5           | 32.31                | Pk  | 21.2           | -26.5        | 0            | 27.01                      | 46.02              | -19.01      | 0-360          | 100         | H        |
| 6      | 887.2           | 30.45                | Pk  | 21.9           | -26          | 0            | 26.35                      | 46.02              | -19.67      | 0-360          | 100         | V        |

\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

Pk - Peak detector

9.28.      WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS 18000 TO 26000 MHz (WORST-CASE CONFIGURATION)

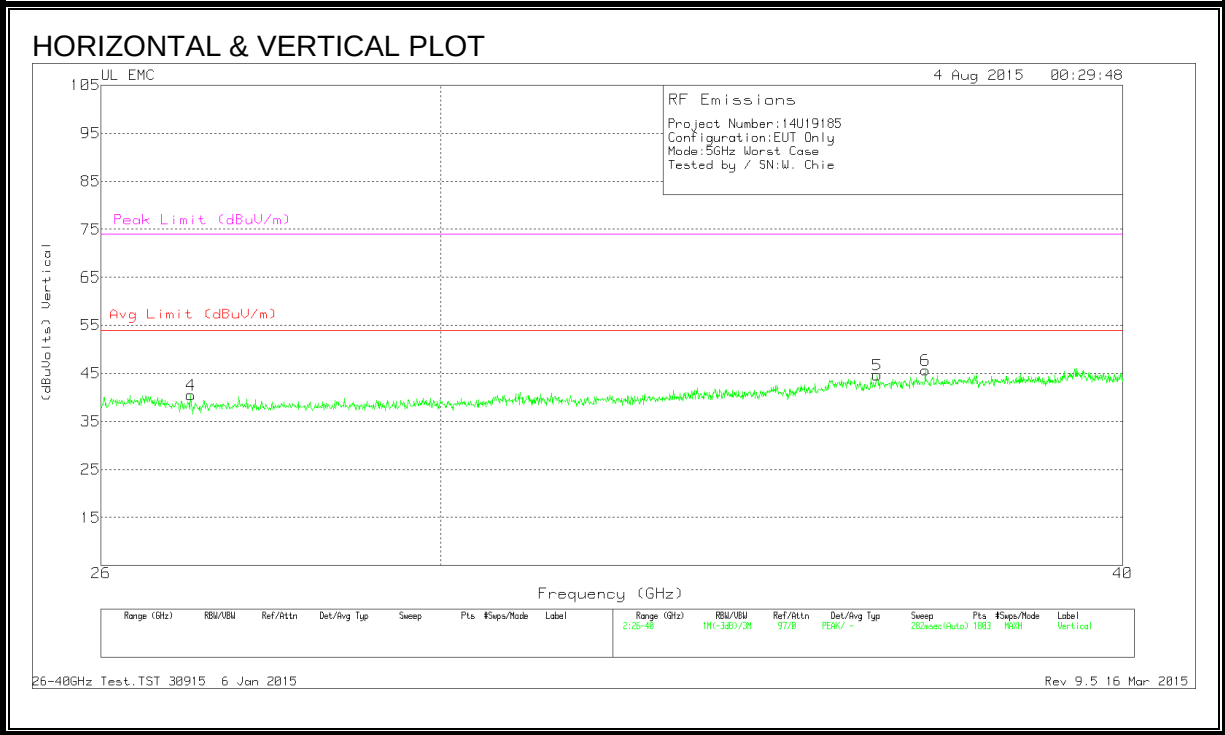
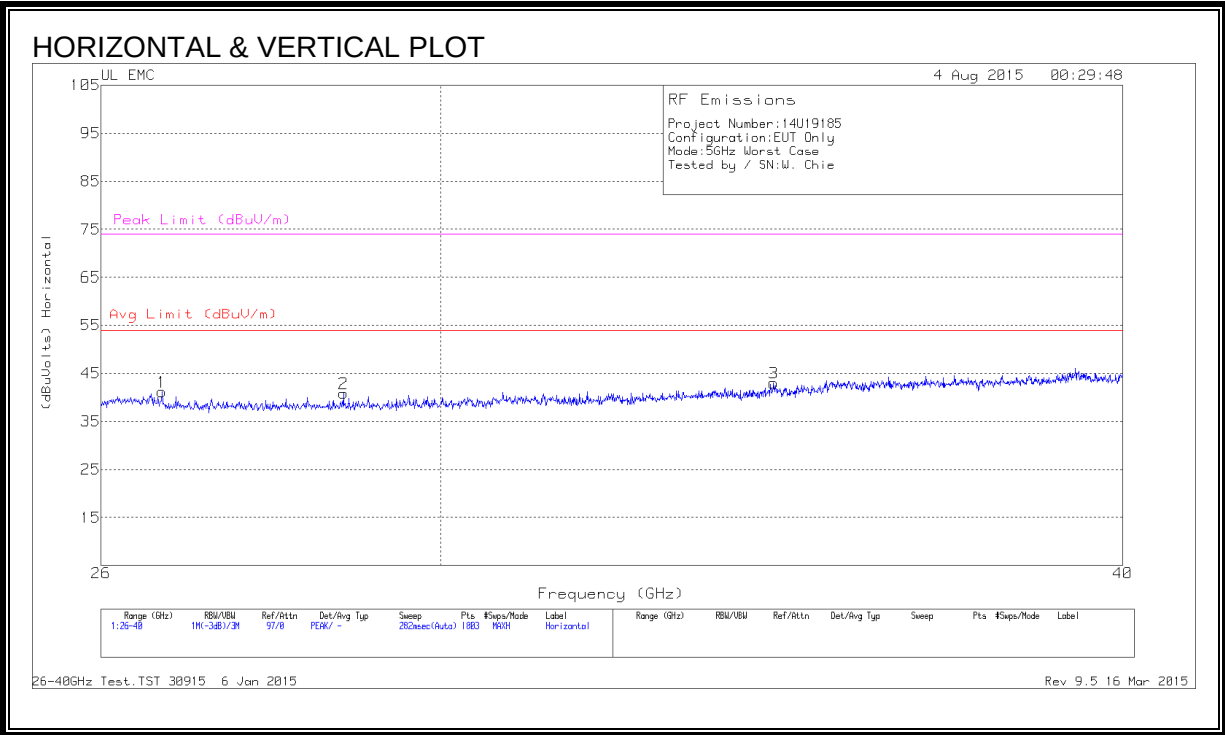


### HORIZONTAL AND VERTICAL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T89 AF (dB/m) | Amp/Cbl (dB) | Dist Corr (dB) | Corrected Reading (dBuVolts) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) |
|--------|-----------------|----------------------|-----|---------------|--------------|----------------|------------------------------|--------------------|-------------|---------------------|----------------|
| 1      | 18.699          | 40.37                | Pk  | 32.5          | -24.2        | -9.5           | 39.17                        | 54                 | -14.83      | 74                  | -34.83         |
| 2      | 21.604          | 40.7                 | Pk  | 33.1          | -25.3        | -9.5           | 39                           | 54                 | -15         | 74                  | -35            |
| 3      | 24.188          | 41.77                | Pk  | 33.5          | -24.1        | -9.5           | 41.67                        | 54                 | -12.33      | 74                  | -32.33         |
| 4      | 19.752          | 41.07                | Pk  | 32.5          | -24.9        | -9.5           | 39.17                        | 54                 | -14.83      | 74                  | -34.83         |
| 5      | 21.817          | 40.7                 | Pk  | 33.3          | -24.5        | -9.5           | 40                           | 54                 | -14         | 74                  | -34            |
| 6      | 25.44           | 43.5                 | Pk  | 33.8          | -24.3        | -9.5           | 43.5                         | 54                 | -10.5       | 74                  | -30.5          |

Pk - Peak detector

SPURIOUS EMISSIONS 26000 TO 40000 MHz (WORST-CASE CONFIGURATION)



**HORIZONTAL AND VERTICAL DATA**

| Marker | Frequency<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T90 AF<br>(dB/m) | Amp/Cbl<br>(dB) | Dist Corr<br>(dB) | Corrected<br>Reading<br>(dBuVolts) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK Margin<br>(dB) |
|--------|--------------------|----------------------------|-----|------------------|-----------------|-------------------|------------------------------------|-----------------------|----------------|------------------------|-------------------|
| 1      | 26.676             | 45.57                      | Pk  | 35.3             | -30.2           | -9.5              | 41.17                              | 54                    | -12.83         | 74                     | -32.83            |
| 2      | 28.797             | 46.53                      | Pk  | 35.8             | -32             | -9.5              | 40.83                              | 54                    | -13.17         | 74                     | -33.17            |
| 3      | 34.523             | 48.2                       | Pk  | 37.4             | -33.1           | -9.5              | 43                                 | 54                    | -11            | 74                     | -31               |
| 4      | 27.002             | 45.5                       | Pk  | 35.5             | -31             | -9.5              | 40.5                               | 54                    | -13.5          | 74                     | -33.5             |
| 5      | 36.061             | 50.07                      | Pk  | 37.2             | -33.1           | -9.5              | 44.67                              | 54                    | -9.33          | 74                     | -29.33            |
| 6      | 36.807             | 51.17                      | Pk  | 37.1             | -33.1           | -9.5              | 45.67                              | 54                    | -8.33          | 74                     | -28.33            |

Pk - Peak detector