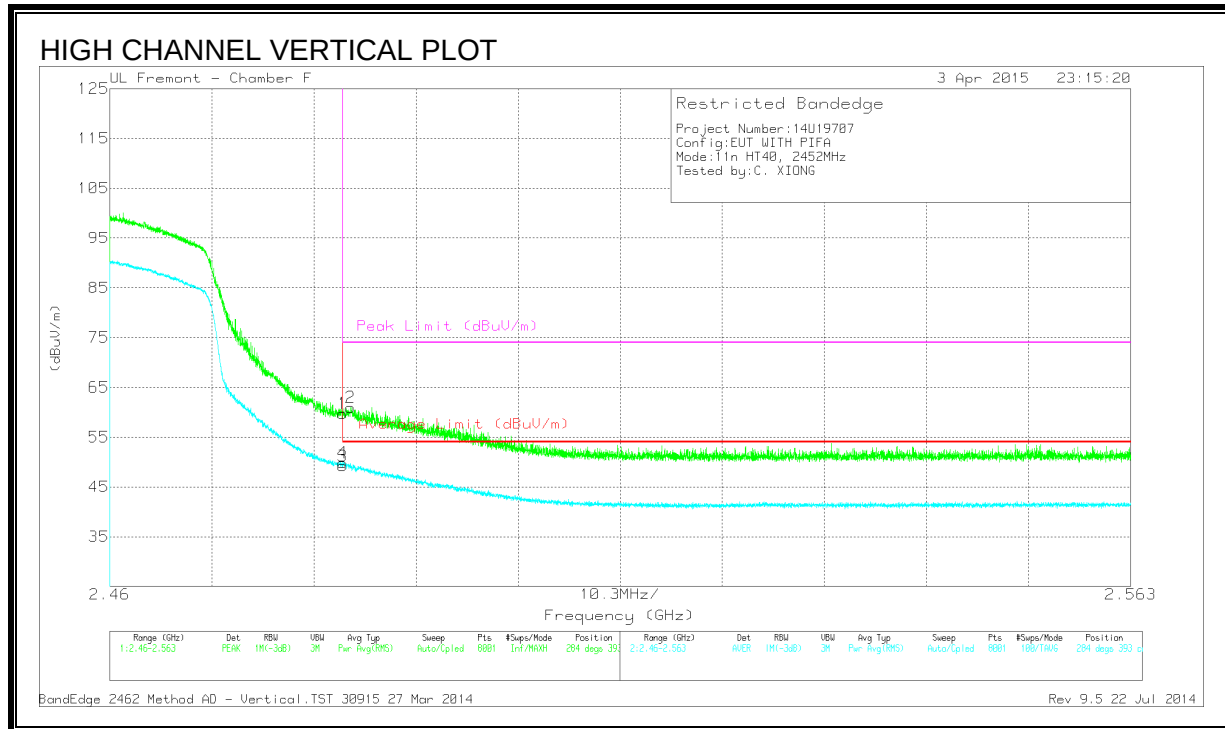




## DATA

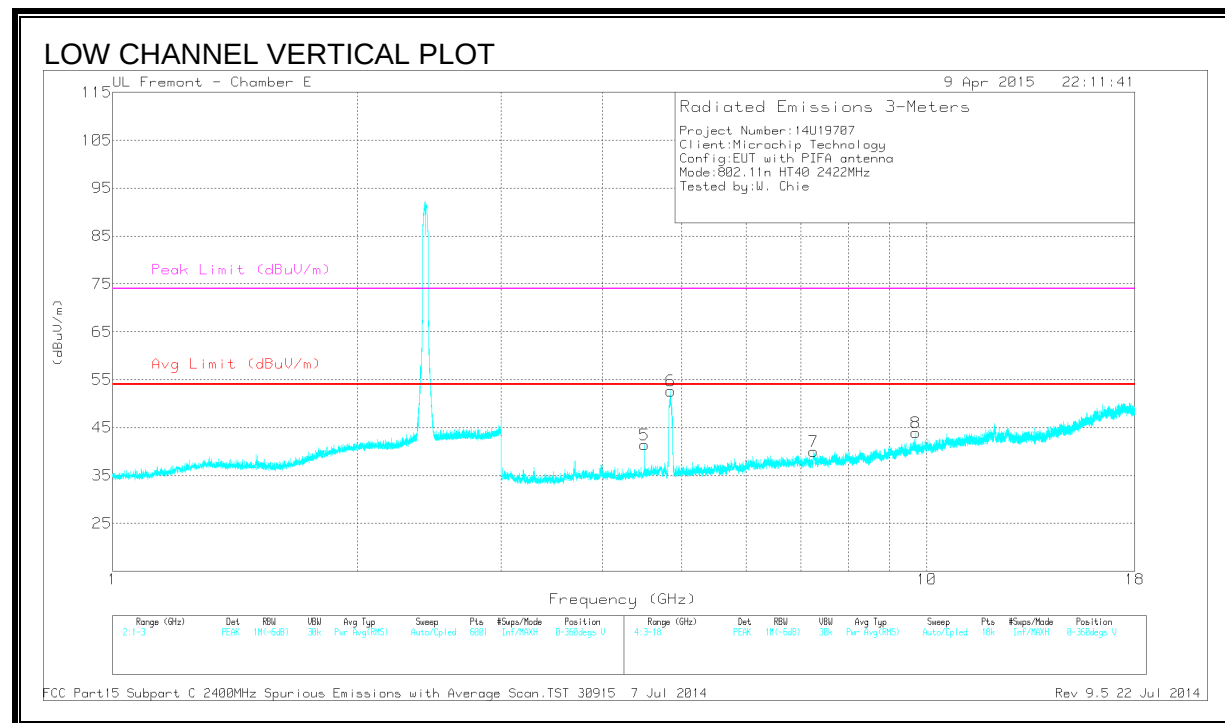
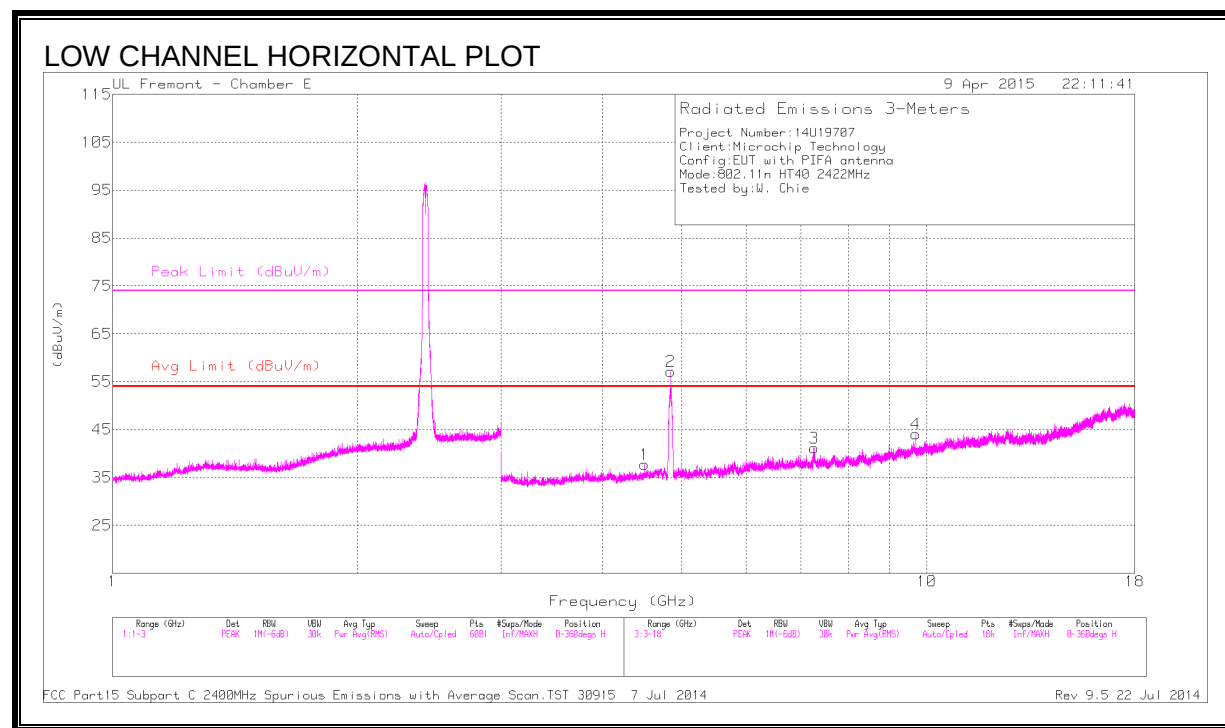
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 48.48                | PK  | 32.2           | -20.9                 | 0            | 59.78                      | -                      | -           | 74                  | -14.22         | 284            | 393         | V        |
| 2      | * 2.484         | 49.67                | PK  | 32.2           | -20.9                 | 0            | 60.97                      | -                      | -           | 74                  | -13.03         | 284            | 393         | V        |
| 3      | * 2.484         | 37.94                | RMS | 32.2           | -20.9                 | .25          | 49.49                      | 54                     | -4.51       | -                   | -              | 284            | 393         | V        |
| 4      | * 2.484         | 38.56                | RMS | 32.2           | -20.9                 | .25          | 50.11                      | 54                     | -3.89       | -                   | -              | 284            | 393         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

# **HARMONICS AND SPURIOUS EMISSIONS**



# DATA

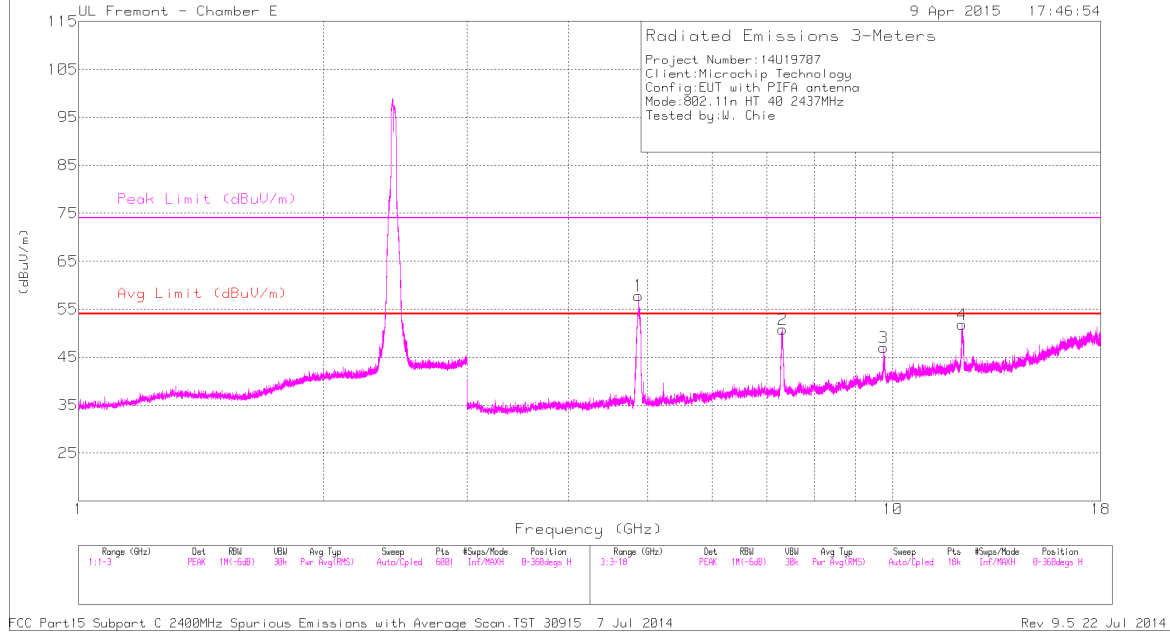
| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T346<br>(dB/m) | Amp/Cbl<br>/Fitr/Pad<br>(dB) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 2      | * 4.857                | 57.98                      | PK2  | 34.1              | -31.2                        | 0               | 60.88                                    | -                            | -              | 74                            | -13.12               | 355               | 142            | H        |
|        | * 4.845                | 45.83                      | MAV1 | 34.1              | -31                          | .25             | 49.18                                    | 54                           | -4.82          | -                             | -                    | 355               | 142            | H        |
| 3      | * 7.27                 | 43.35                      | PK2  | 35.5              | -28.2                        | 0               | 50.65                                    | -                            | -              | 74                            | -23.35               | 225               | 217            | H        |
|        | * 7.27                 | 31.03                      | MAV1 | 35.5              | -28.2                        | .25             | 38.58                                    | 54                           | -15.42         | -                             | -                    | 225               | 217            | H        |
| 1      | 4.5                    | 43.31                      | PK2  | 34                | -31.4                        | 0               | 45.91                                    | -                            | -              | 74                            | -28.09               | 111               | 217            | V        |
| 6      | * 4.845                | 55.88                      | PK2  | 34.1              | -31.1                        | 0               | 58.88                                    | -                            | -              | 74                            | -15.12               | 163               | 393            | V        |
|        | * 4.846                | 44.13                      | MAV1 | 34.1              | -31                          | .25             | 47.48                                    | 54                           | -6.52          | -                             | -                    | 163               | 393            | V        |
| 7      | * 7.255                | 41.2                       | PK2  | 35.5              | -28.2                        | 0               | 48.5                                     | -                            | -              | 74                            | -25.5                | 102               | 152            | V        |
|        | * 7.258                | 29.46                      | MAV1 | 35.5              | -28.2                        | .25             | 37.01                                    | 54                           | -16.99         | -                             | -                    | 102               | 152            | V        |
| 5      | 4.5                    | 43.43                      | PK2  | 34                | -31.4                        | 0               | 46.03                                    | -                            | -              | -                             | -                    | 189               | 229            | H        |
| 8      | 9.688                  | 37.13                      | PK2  | 36.9              | -24.3                        | 0               | 49.73                                    | -                            | -              | -                             | -                    | 121               | 159            | V        |
| 4      | 9.689                  | 36.96                      | PK2  | 36.9              | -24.3                        | 0               | 49.56                                    | -                            | -              | -                             | -                    | 73                | 257            | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

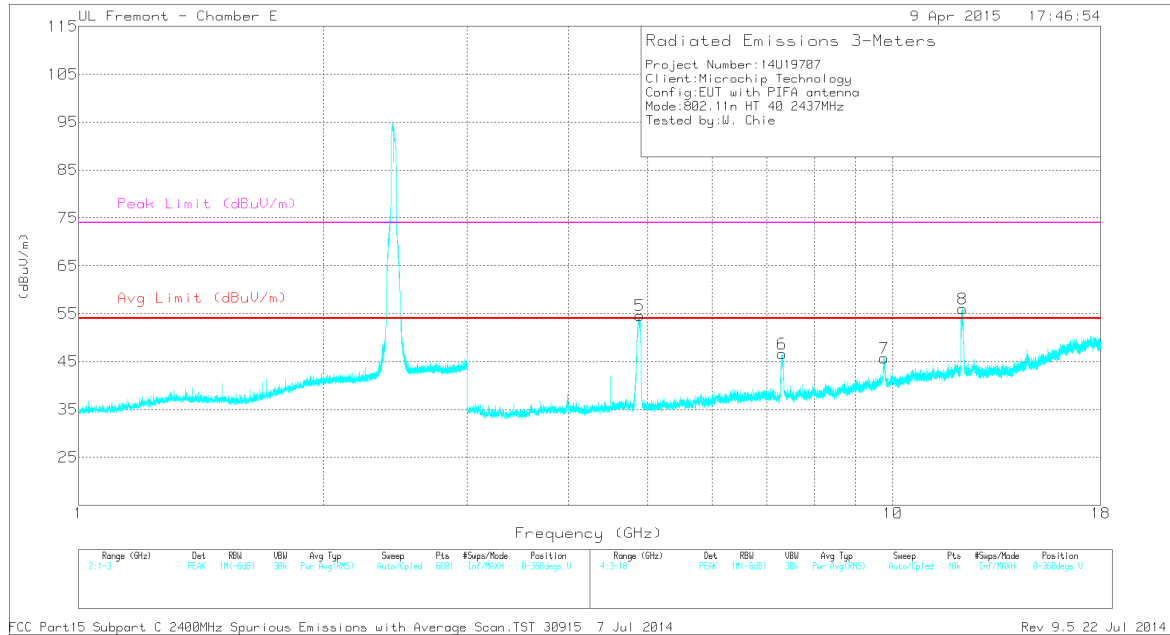
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL HORIZONTAL PLOT



### MID CHANNEL VERTICAL PLOT



# DATA

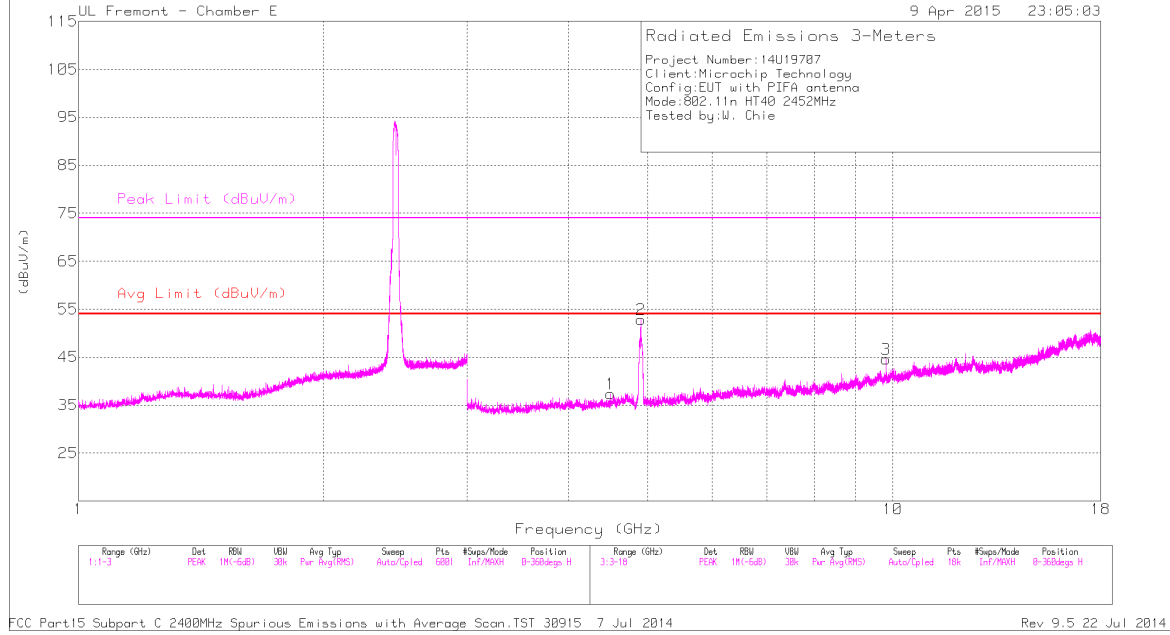
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T346 (dB/m) | Amp/Cbl /Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 4.86          | 60.76                | PK2  | 34.1           | -31.1                  | 0            | 63.76                      | -                  | -           | 74                  | -10.24         | 360            | 175         | H        |
|        | * 4.873         | 48.54                | MAv1 | 34.1           | -31                    | .25          | 51.89                      | 54                 | -2.11       | -                   | -              | 360            | 175         | H        |
| 2      | * 7.324         | 42.79                | PK2  | 35.5           | -27.6                  | 0            | 50.69                      | -                  | -           | 74                  | -23.31         | 225            | 266         | H        |
|        | * 7.311         | 31.59                | MAv1 | 35.5           | -27.9                  | .25          | 39.44                      | 54                 | -14.56      | -                   | -              | 225            | 266         | H        |
| 4      | * 12.157        | 37.91                | PK2  | 38.7           | -24                    | 0            | 52.61                      | -                  | -           | 74                  | -21.39         | 6              | 297         | H        |
|        | * 12.16         | 26.29                | MAv1 | 38.7           | -24                    | .25          | 41.24                      | 54                 | -12.76      | -                   | -              | 6              | 297         | H        |
| 5      | * 4.884         | 57.26                | PK2  | 34.1           | -30.9                  | 0            | 60.46                      | -                  | -           | 74                  | -13.54         | 148            | 208         | V        |
|        | * 4.884         | 45.53                | MAv1 | 34.1           | -30.9                  | .25          | 48.98                      | 54                 | -5.02       | -                   | -              | 148            | 208         | V        |
| 6      | * 7.309         | 41.35                | PK2  | 35.5           | -27.9                  | 0            | 48.95                      | -                  | -           | 74                  | -25.05         | 236            | 303         | V        |
|        | * 7.311         | 30.06                | MAv1 | 35.5           | -27.9                  | .25          | 37.91                      | 54                 | -16.09      | -                   | -              | 236            | 303         | V        |
| 8      | * 12.172        | 40.56                | PK2  | 38.7           | -24.2                  | 0            | 55.06                      | -                  | -           | 74                  | -18.94         | 302            | 147         | V        |
|        | * 12.17         | 28.66                | MAv1 | 38.7           | -24.2                  | .25          | 43.41                      | 54                 | -10.59      | -                   | -              | 302            | 147         | V        |
| 3      | 9.748           | 38.01                | PK2  | 37             | -25.2                  | 0            | 49.81                      | -                  | -           | -                   | -              | 267            | 163         | H        |
| 7      | 9.764           | 37.75                | PK2  | 37             | -25.3                  | 0            | 49.45                      | -                  | -           | -                   | -              | 141            | 174         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

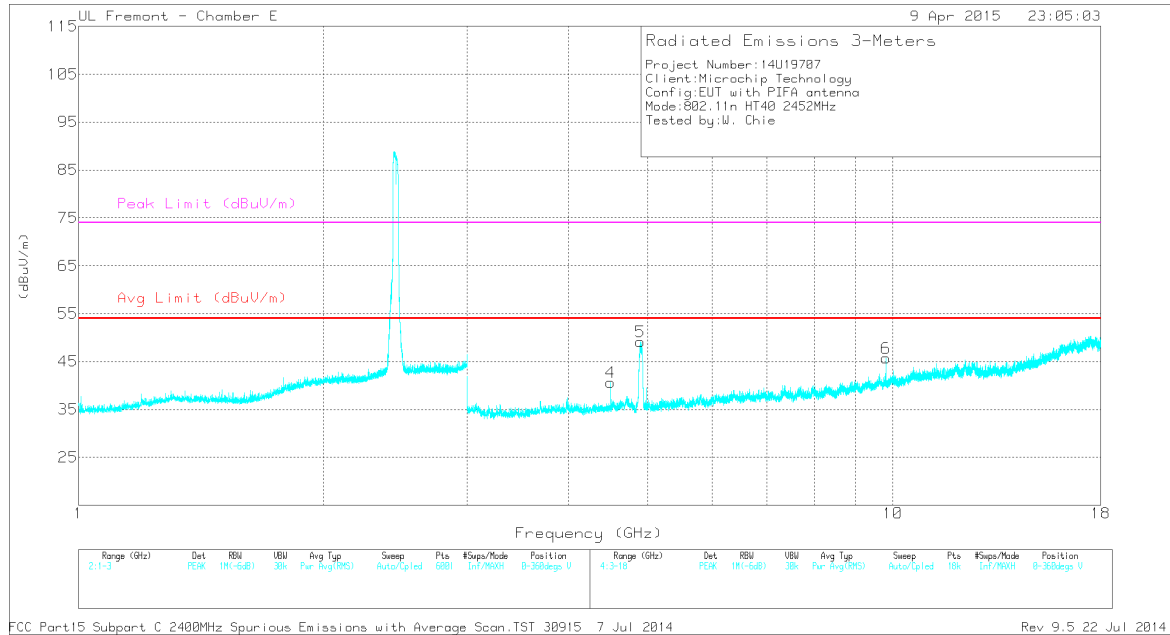
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL HORIZONTAL PLOT



## HIGH CHANNEL VERTICAL PLOT



# DATA

| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T346<br>(dB/m) | Amp/Cbl/<br>Filtr/Pad<br>(dB) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|-------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 1      | 4.5                    | 43.25                      | PK2  | 34                | -31.4                         | 0               | 45.85                                    | -                            | -              | 74                            | -28.15               | 78                | 226            | H        |
| 2      | * 4.906                | 55.49                      | PK2  | 34.1              | -30.5                         | 0               | 59.09                                    | -                            | -              | 74                            | -14.91               | 360               | 116            | H        |
|        | * 4.903                | 44.15                      | MAv1 | 34.1              | -30.6                         | .25             | 47.9                                     | 54                           | -6.1           | -                             | -                    | 360               | 116            | H        |
| 4      | 4.5                    | 42.81                      | PK2  | 34                | -31.4                         | 0               | 45.41                                    | -                            | -              | 74                            | -28.59               | 256               | 166            | V        |
| 5      | * 4.887                | 56.07                      | PK2  | 34.1              | -30.9                         | 0               | 59.27                                    | -                            | -              | 74                            | -14.73               | 143               | 177            | V        |
|        | * 4.903                | 43.98                      | MAv1 | 34.1              | -30.6                         | .25             | 47.73                                    | 54                           | -6.27          | -                             | -                    | 143               | 177            | V        |
| 3      | 9.806                  | 37.38                      | PK2  | 37                | -24.9                         | 0               | 49.48                                    | -                            | -              | -                             | -                    | 70                | 227            | V        |
| 6      | 9.808                  | 38.58                      | PK2  | 37                | -24.9                         | 0               | 50.68                                    | -                            | -              | -                             | -                    | 201               | 159            | H        |

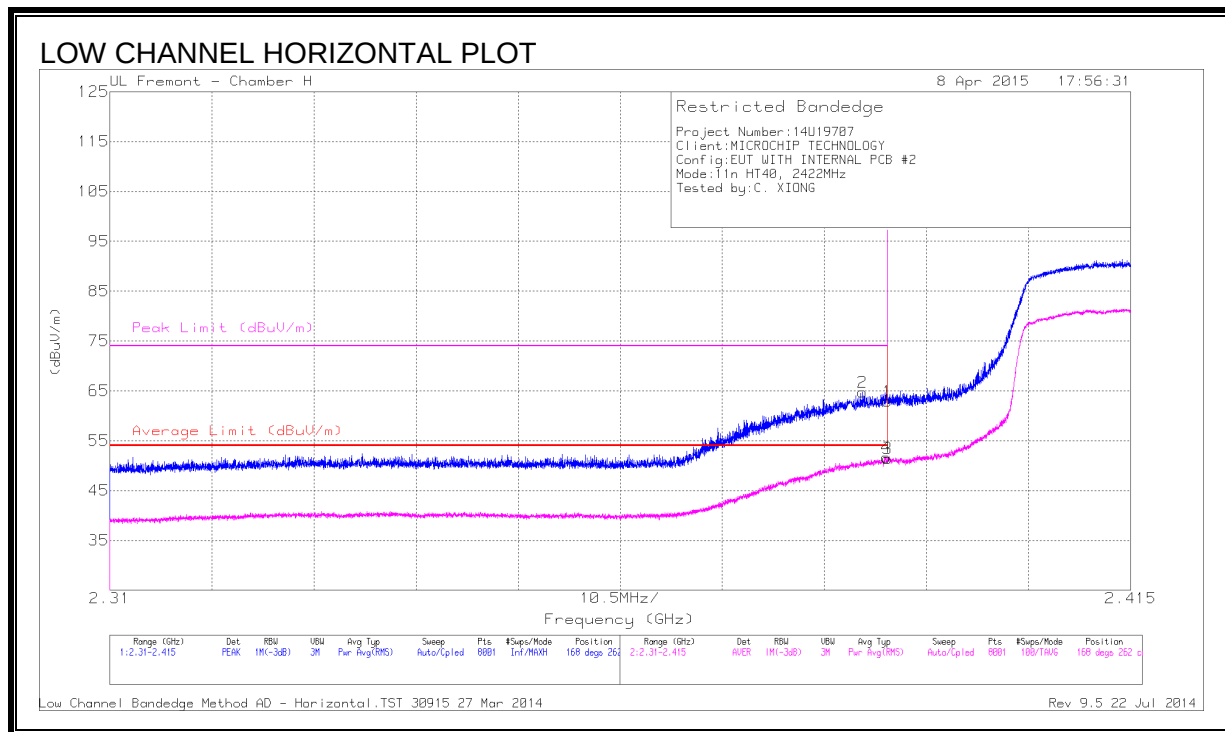
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 10.5.2. INTEGRAL ANTENNA

### RESTRICTED BANDEDGE



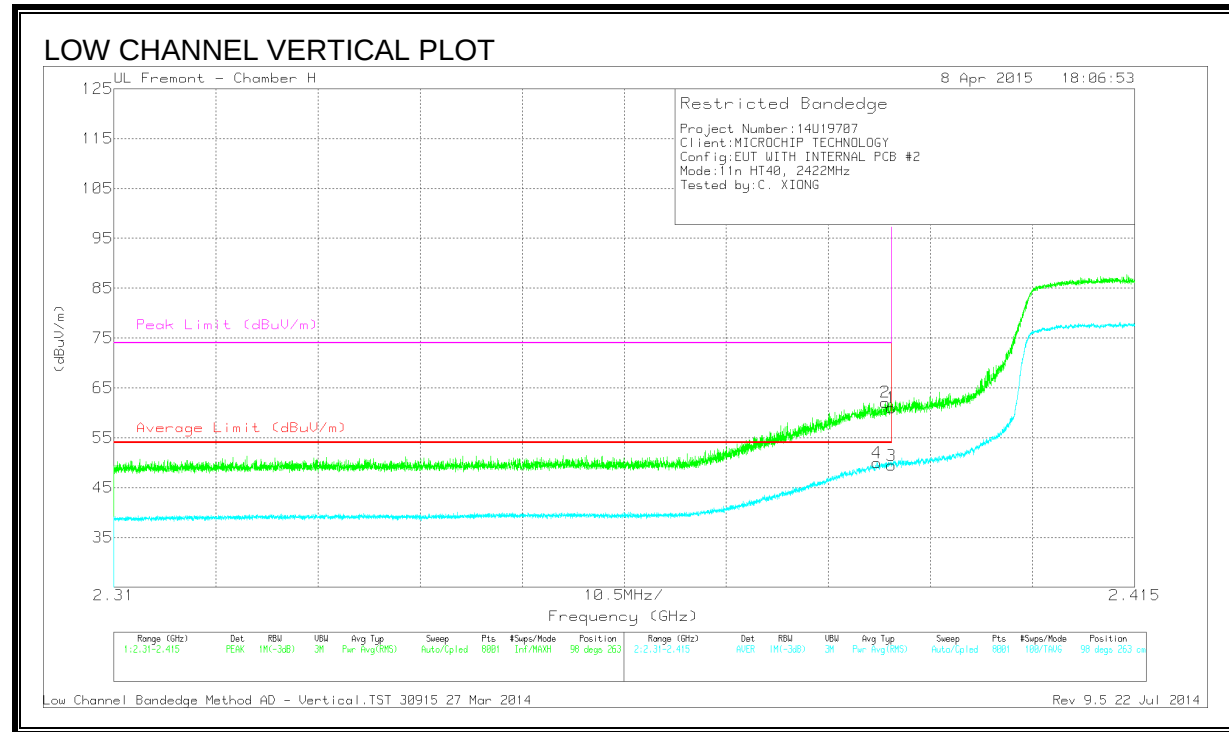
### DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Correct ed Readin g (dBuV/m) | Average Limit (dBuV/m) | Margi n (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimu th (Degs) | Heig ht (cm) | Polari ty |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|------------------------------|------------------------|--------------|---------------------|----------------|-----------------|--------------|-----------|
| 2      | * 2.387         | 57.25                | PK  | 32.1           | -24.6                 | 0            | 64.75                        | -                      | -            | 74                  | -9.25          | 168             | 262          | H         |
| 1      | * 2.39          | 55.42                | PK  | 32.1           | -24.6                 | 0            | 62.92                        | -                      | -            | 74                  | -11.08         | 168             | 262          | H         |
| 3      | * 2.39          | 43.7                 | RMS | 32.1           | -24.6                 | .25          | 51.45                        | 54                     | -2.55        | -                   | -              | 168             | 262          | H         |
| 4      | * 2.39          | 43.93                | RMS | 32.1           | -24.6                 | .25          | 51.68                        | 54                     | -2.32        | -                   | -              | 168             | 262          | H         |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



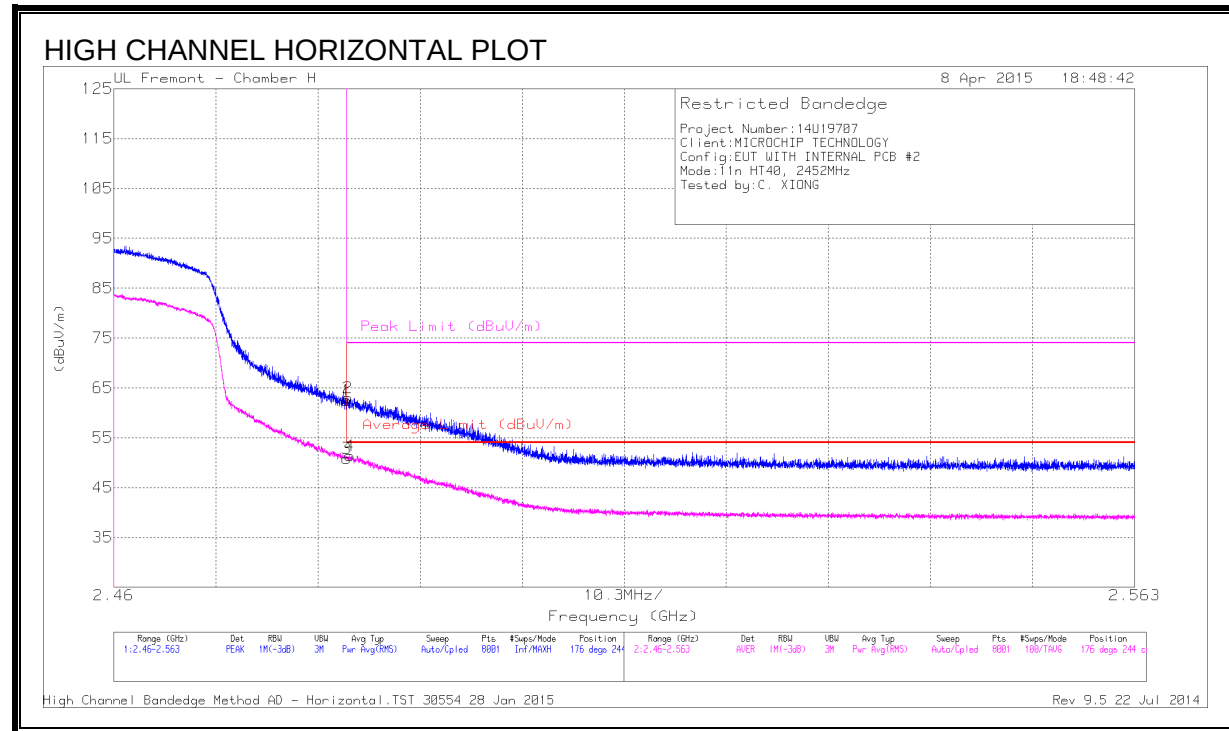
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | DC Corr (dB) | Correct ed Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|-----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 2.388         | 42.48                | RMS | 32.1           | -24.6                   | .25          | 50.23                       | 54                     | -3.77       | -                   | -              | 98             | 263         | V        |
| 2      | * 2.389         | 54.62                | PK  | 32.1           | -24.6                   | 0            | 62.12                       | -                      | -           | 74                  | -11.88         | 98             | 263         | V        |
| 1      | * 2.39          | 53.52                | PK  | 32.1           | -24.6                   | 0            | 61.02                       | -                      | -           | 74                  | -12.98         | 98             | 263         | V        |
| 3      | * 2.39          | 41.96                | RMS | 32.1           | -24.6                   | .25          | 49.71                       | 54                     | -4.29       | -                   | -              | 98             | 263         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



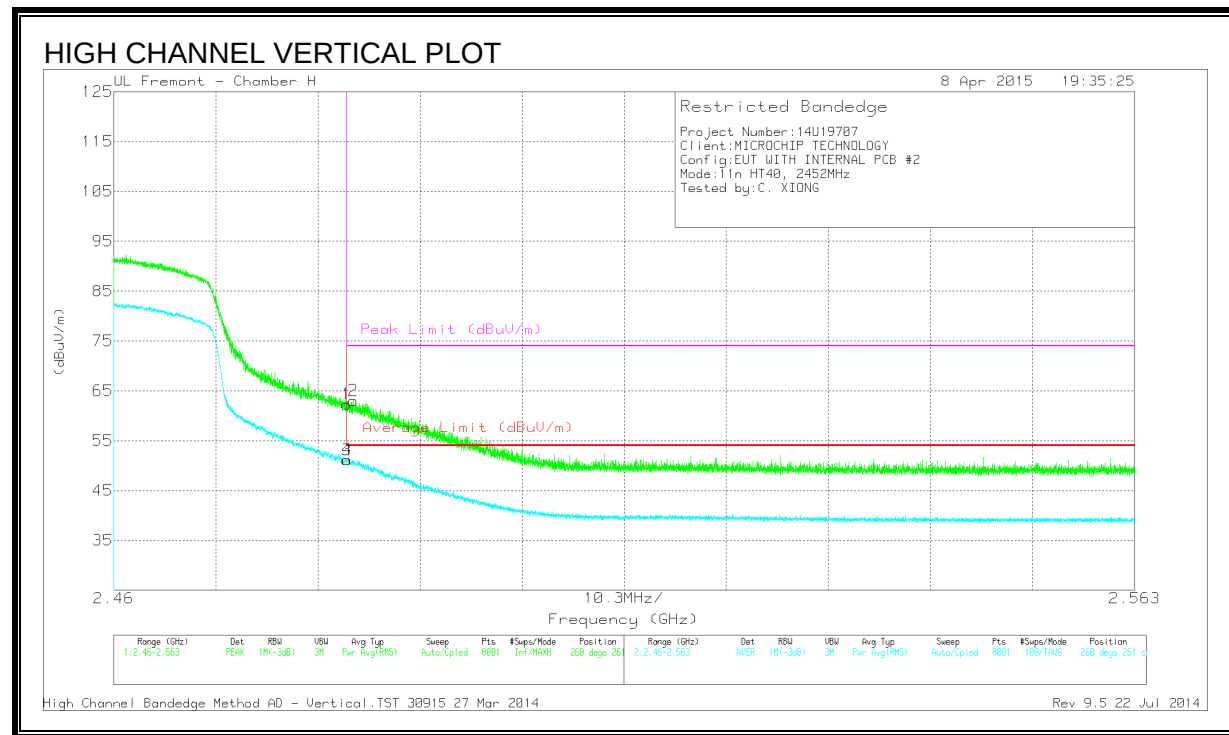
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Correct ed Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|-----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.9                 | PK  | 32.1           | -24.5                 | 0            | 62.5                        | -                      | -           | 74                  | -11.5          | 176            | 244         | H        |
| 2      | * 2.484         | 55.42                | PK  | 32.1           | -24.5                 | 0            | 63.02                       | -                      | -           | 74                  | -10.98         | 176            | 244         | H        |
| 3      | * 2.484         | 43.23                | RMS | 32.1           | -24.5                 | .25          | 51.08                       | 54                     | -2.92       | -                   | -              | 176            | 244         | H        |
| 4      | * 2.484         | 43.82                | RMS | 32.1           | -24.5                 | .25          | 51.67                       | 54                     | -2.33       | -                   | -              | 176            | 244         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



## DATA

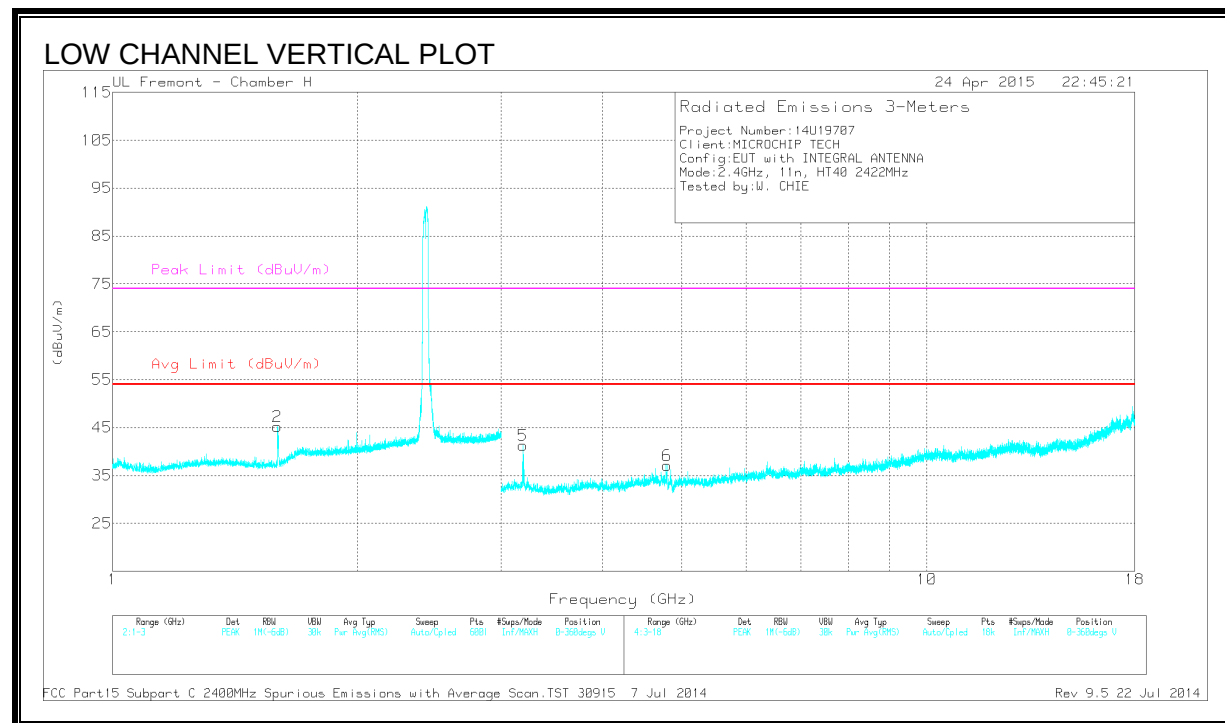
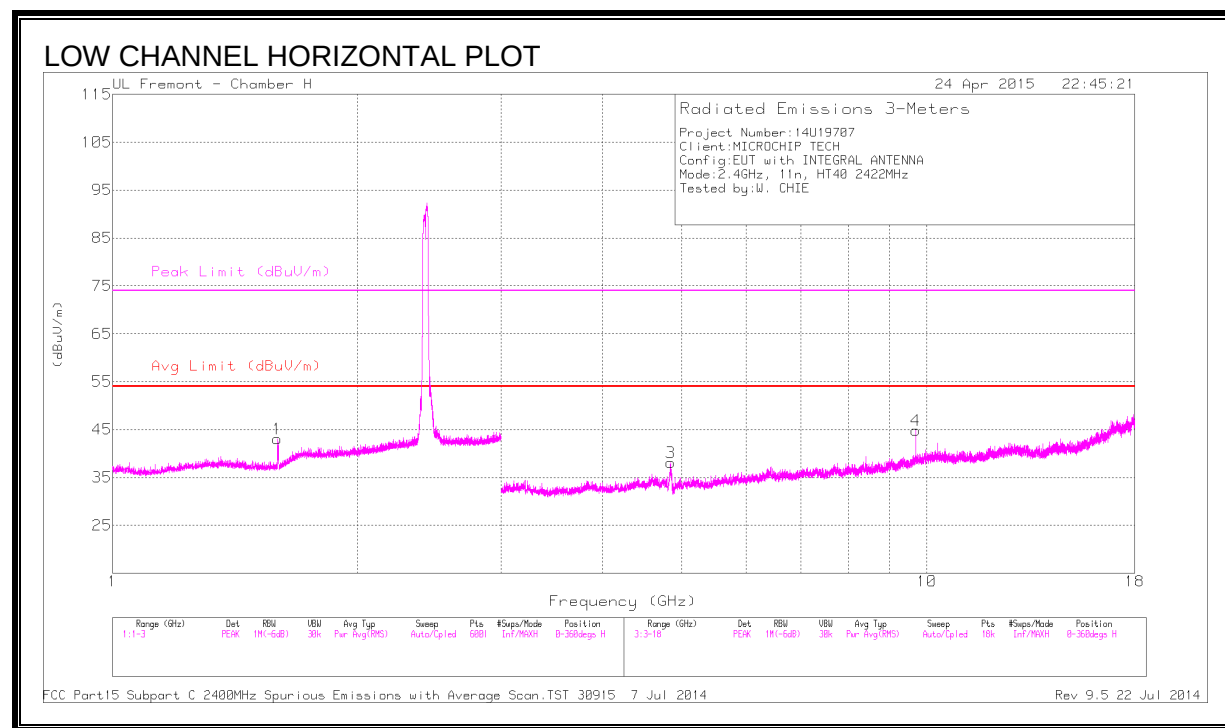
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 54.76                | PK  | 32.1           | -24.5                 | 0            | 62.36                      | -                      | -           | 74                  | -11.64         | 260            | 261         | V        |
| 2      | * 2.484         | 55.46                | PK  | 32.1           | -24.5                 | 0            | 63.06                      | -                      | -           | 74                  | -10.94         | 260            | 261         | V        |
| 3      | * 2.484         | 43.33                | RMS | 32.1           | -24.5                 | .25          | 51.18                      | 54                     | -2.82       | -                   | -              | 260            | 261         | V        |
| 4      | * 2.484         | 43.38                | RMS | 32.1           | -24.5                 | .25          | 51.23                      | 54                     | -2.77       | -                   | -              | 260            | 261         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS



## DATA

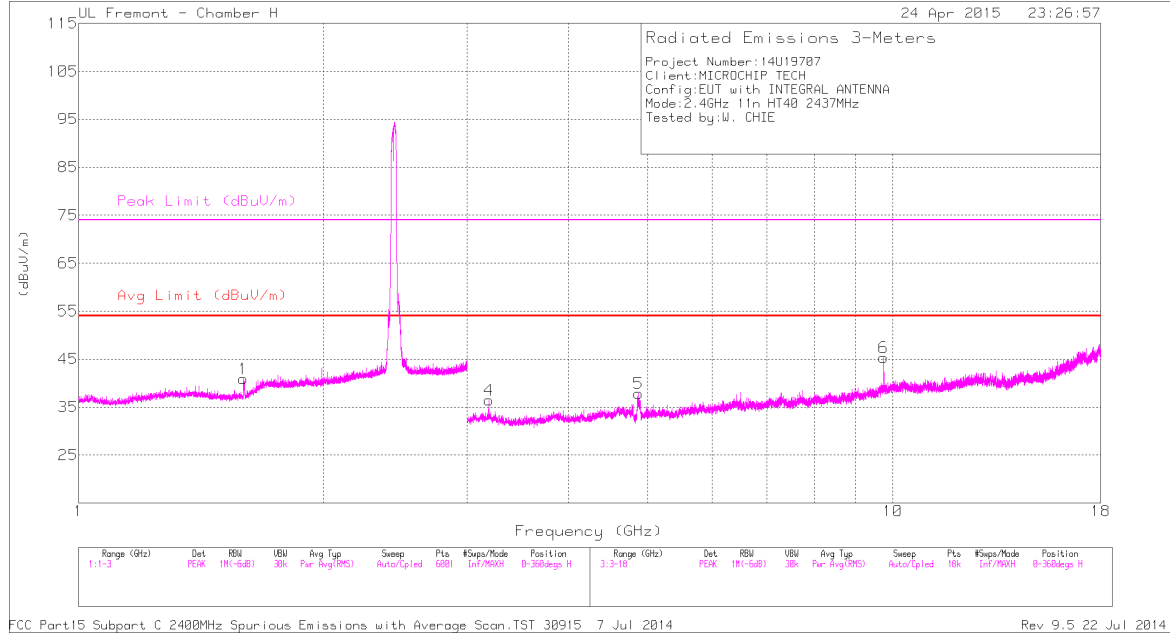
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T712<br>(dB/m) | Amp/Cbl/<br>Filtr/Pad<br>(dB) | DC Corr<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m) | PK Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|-------------------------------|-----------------|----------------------------------|-----------------------|----------------|---------------------------|-------------------|-------------------|----------------|----------|
| 1      | * 1.595                | 46.14                      | PK2  | 27.7              | -25.1                         | 0               | 48.74                            | -                     | -              | 74                        | -25.26            | 251               | 102            | H        |
|        | * 1.595                | 34.05                      | MAv1 | 27.7              | -25.1                         | .25             | 36.9                             | 54                    | -17.1          | -                         | -                 | 251               | 102            | H        |
| 2      | * 1.593                | 48.41                      | PK2  | 27.7              | -25.1                         | 0               | 51.01                            | -                     | -              | 74                        | -22.99            | 300               | 199            | V        |
|        | * 1.594                | 36.19                      | MAv1 | 27.7              | -25.1                         | .25             | 39.04                            | 54                    | -14.96         | -                         | -                 | 300               | 199            | V        |
| 3      | * 4.843                | 44.75                      | PK2  | 33.9              | -32.2                         | 0               | 46.45                            | -                     | -              | 74                        | -27.55            | 219               | 328            | H        |
|        | * 4.845                | 33.15                      | MAv1 | 33.9              | -32.3                         | .25             | 35                               | 54                    | -19            | -                         | -                 | 219               | 328            | H        |
| 6      | * 4.795                | 44.48                      | PK2  | 33.9              | -32.4                         | 0               | 45.98                            | -                     | -              | 74                        | -28.02            | 241               | 108            | V        |
|        | * 4.786                | 31.43                      | MAv1 | 33.9              | -32.3                         | .25             | 33.28                            | 54                    | -20.72         | -                         | -                 | 241               | 108            | V        |
| 5      | 3.191                  | 48.9                       | PK2  | 33.6              | -33.5                         | 0               | 49                               | -                     | -              | -                         | -                 | 195               | 118            | V        |
| 4      | 9.688                  | 36.68                      | PK2  | 36.9              | -25.9                         | 0               | 47.68                            | -                     | -              | -                         | -                 | 159               | 220            | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

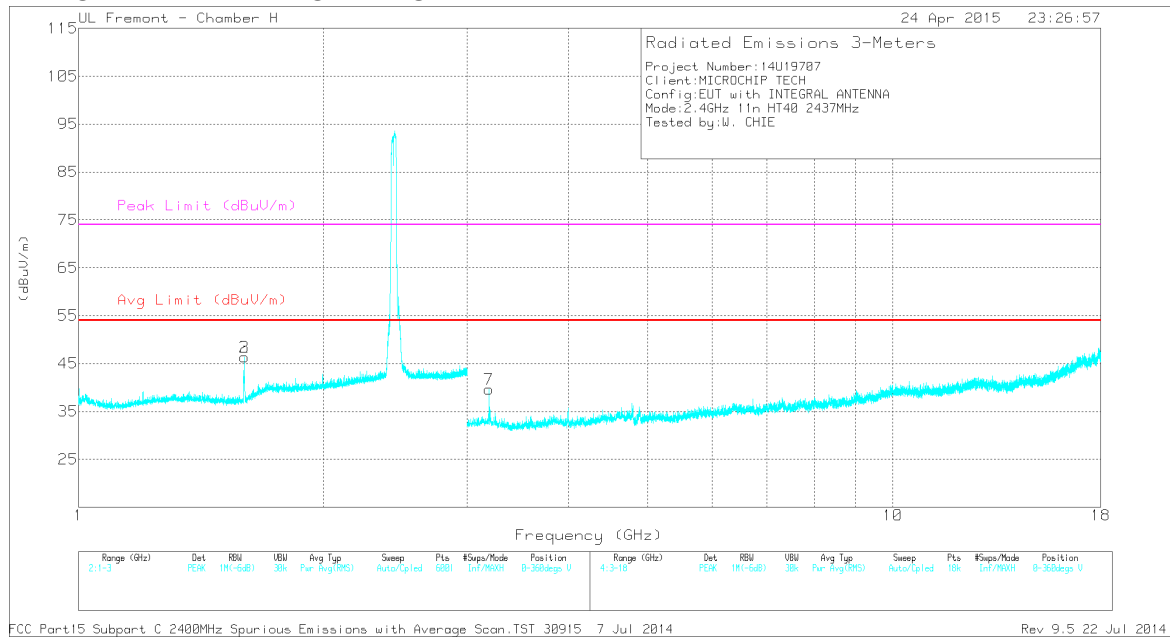
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL HORIZONTAL PLOT



## MID CHANNEL VERTICAL PLOT



## DATA

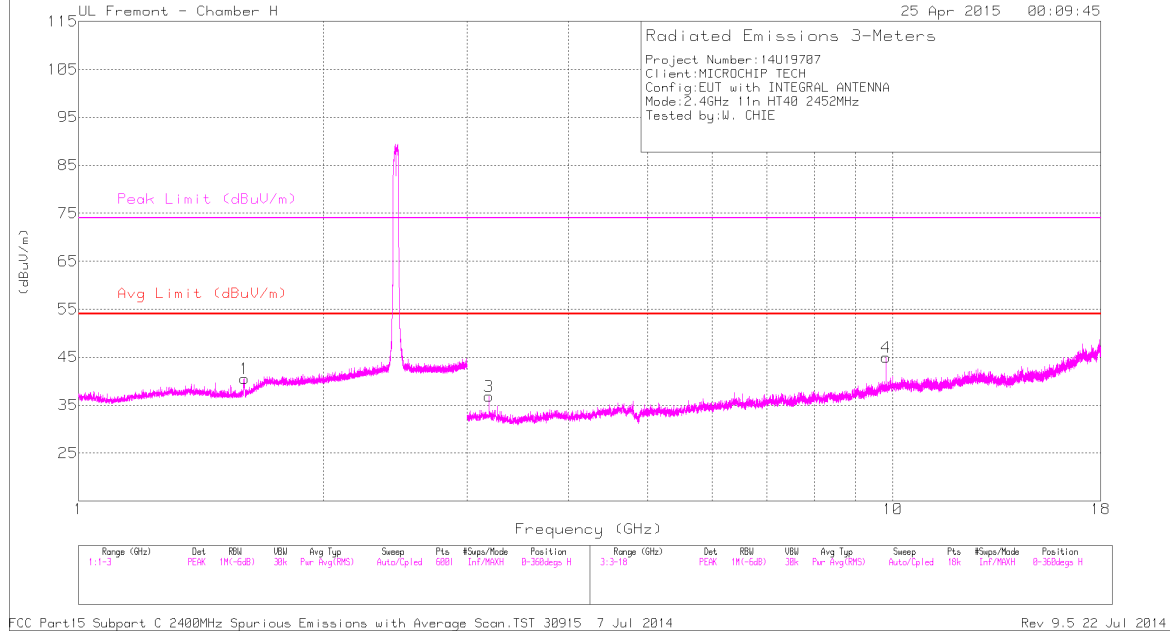
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T712 (dB/m) | Amp/Cbl/ Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.595         | 47.15                | PK2  | 27.7           | -25.1                  | 0            | 49.75                      | -                  | -           | 74                  | -24.25         | 174            | 111         | H        |
|        | * 1.594         | 33.16                | MAv1 | 27.7           | -25.1                  | .25          | 36.01                      | 54                 | -17.99      | -                   | -              | 174            | 111         | H        |
| 2      | * 1.598         | 47.43                | PK2  | 27.7           | -25.1                  | 0            | 50.03                      | -                  | -           | 74                  | -23.97         | 297            | 199         | V        |
|        | * 1.594         | 36.11                | MAv1 | 27.7           | -25.1                  | .25          | 38.96                      | 54                 | -15.04      | -                   | -              | 297            | 199         | V        |
| 3      | * 1.599         | 47.66                | PK2  | 27.7           | -25.1                  | 0            | 50.26                      | -                  | -           | 74                  | -23.74         | 293            | 189         | V        |
|        | * 1.594         | 35.89                | MAv1 | 27.7           | -25.1                  | .25          | 38.74                      | 54                 | -15.26      | -                   | -              | 293            | 189         | V        |
| 5      | * 4.871         | 47.04                | PK2  | 33.9           | -32.2                  | 0            | 48.74                      | -                  | -           | 74                  | -25.26         | 218            | 265         | H        |
|        | * 4.875         | 34.51                | MAv1 | 33.9           | -32.2                  | .25          | 36.46                      | 54                 | -17.54      | -                   | -              | 218            | 265         | H        |
| 4      | 3.191           | 43.12                | PK2  | 33.6           | -33.5                  | 0            | 43.22                      | -                  | -           | -                   | -              | 148            | 183         | H        |
| 7      | 3.191           | 48.18                | PK2  | 33.6           | -33.5                  | 0            | 48.28                      | -                  | -           | -                   | -              | 167            | 140         | V        |
| 6      | 9.748           | 37.48                | PK2  | 36.9           | -26.2                  | 0            | 48.18                      | -                  | -           | -                   | -              | 245            | 124         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

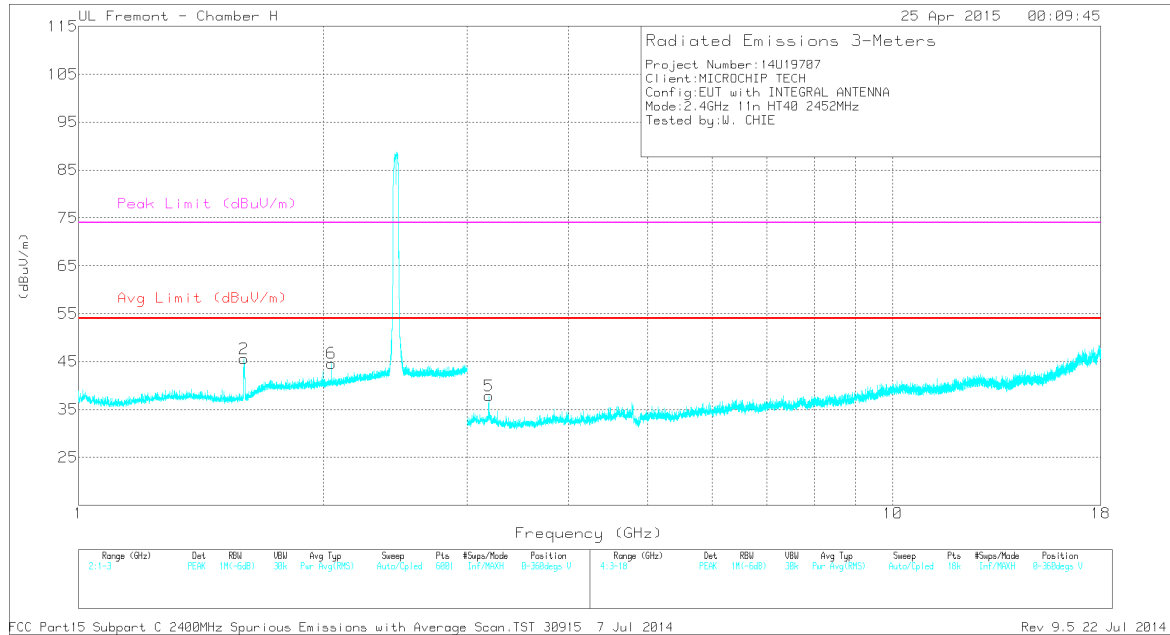
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### CHANNEL 13 HORIZONTAL PLOT



### CHANNEL 13 VERTICAL PLOT



## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T712 (dB/m) | Amp/Cbl/ Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.599         | 46.2                 | PK2  | 27.7           | -25.1                 | 0            | 48.8                       | -                  | -           | 74                  | -25.2          | 251            | 103         | H        |
|        | * 1.598         | 34.2                 | MAv1 | 27.7           | -25.1                 | .25          | 37.05                      | 54                 | -16.95      | -                   | -              | 251            | 103         | H        |
| 2      | * 1.593         | 51.37                | PK2  | 27.7           | -25.1                 | 0            | 53.97                      | -                  | -           | 74                  | -20.03         | 32             | 190         | V        |
|        | * 1.598         | 33.83                | MAv1 | 27.7           | -25.1                 | .25          | 36.68                      | 54                 | -17.32      | -                   | -              | 32             | 190         | V        |
| 6      | 2.043           | 43.67                | PK2  | 30.7           | -24.9                 | 0            | 49.47                      | -                  | -           | -                   | -              | 97             | 224         | V        |
| 5      | 3.189           | 48.44                | PK2  | 33.6           | -33.5                 | 0            | 48.54                      | -                  | -           | -                   | -              | 81             | 184         | V        |
| 3      | 3.193           | 44.27                | PK2  | 33.6           | -33.5                 | 0            | 44.37                      | -                  | -           | -                   | -              | 124            | 182         | H        |
| 4      | 9.808           | 38.26                | PK2  | 37             | -26.5                 | 0            | 48.76                      | -                  | -           | -                   | -              | 42             | 174         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

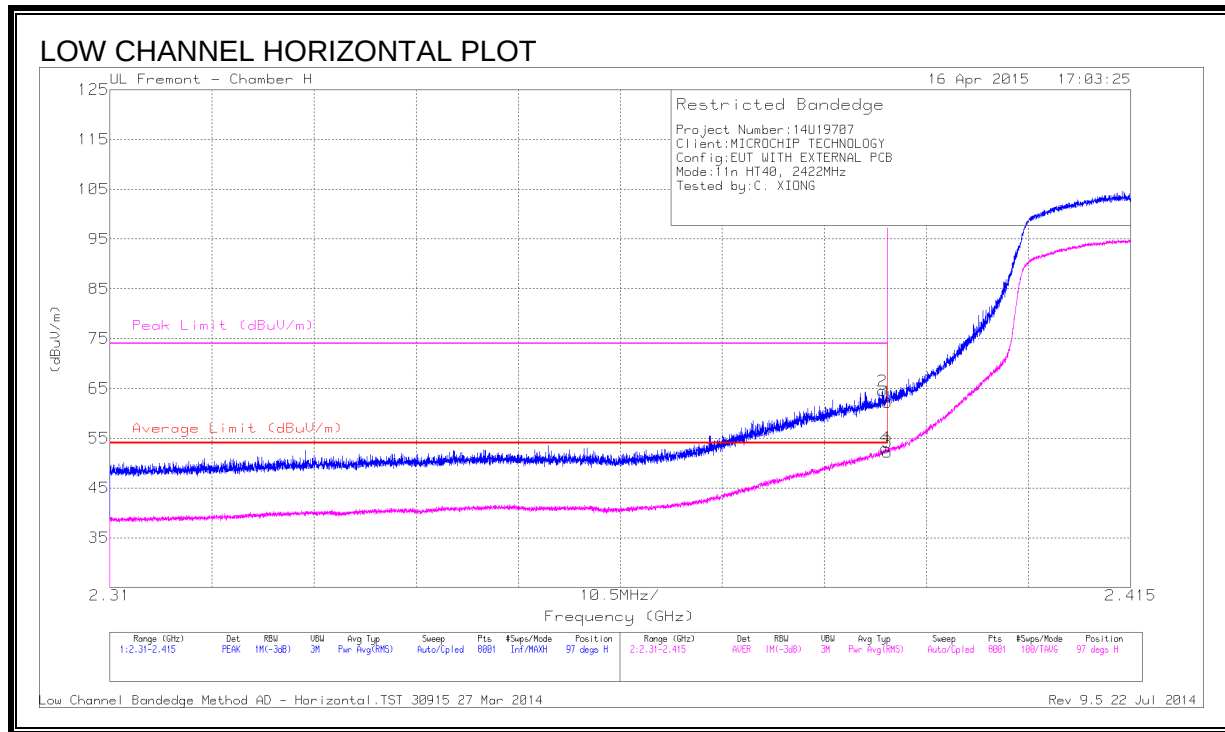
MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2400MHz Spurious Emissions with Average Scan.TST 30915 7 Jul 2014

Rev 9.5 22 Jul 2014

### 10.5.3. PCB ANTENNA

#### RESTRICTED BANDEDGE



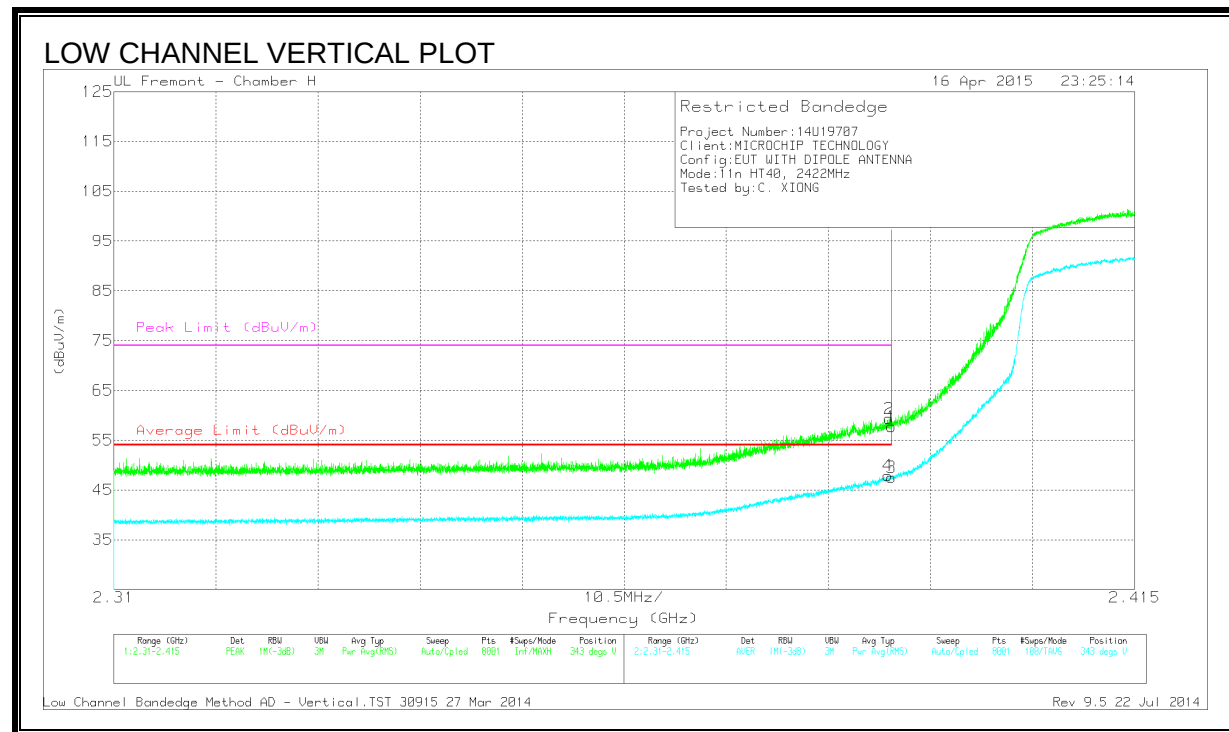
#### DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.75                | PK  | 32.1           | -24.6                   | 0            | 62.25                      | -                      | -           | 74                  | -11.75         | 97             | 292         | H        |
| 2      | * 2.389         | 56.99                | PK  | 32.1           | -24.6                   | 0            | 64.49                      | -                      | -           | 74                  | -9.51          | 97             | 292         | H        |
| 3      | * 2.39          | 44.46                | RMS | 32.1           | -24.6                   | .25          | 52.21                      | 54                     | -1.79       | -                   | -              | 97             | 292         | H        |
| 4      | * 2.39          | 45.32                | RMS | 32.1           | -24.6                   | .25          | 53.07                      | 54                     | -.93        | -                   | -              | 97             | 292         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



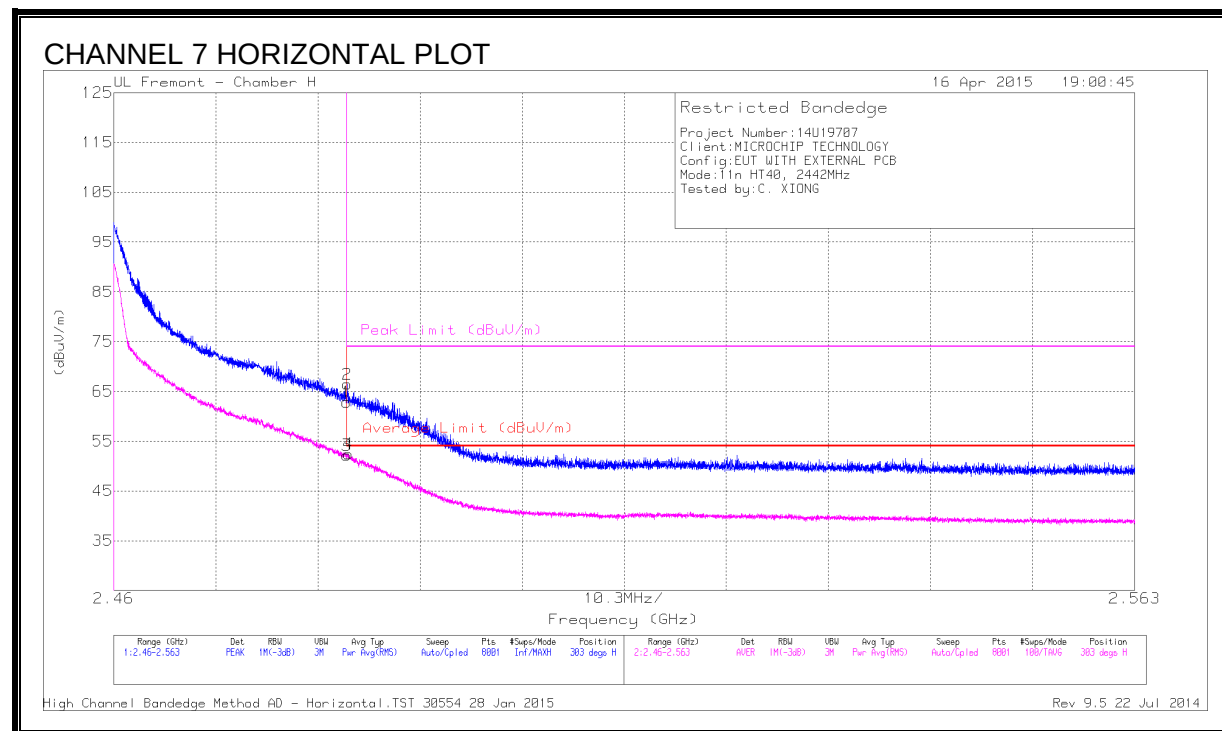
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/FI tr/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      | * 2.39          | 50.24                | PK  | 32.1           | -24.6                  | 0            | 57.74                      | -                      | -           | 74                  | -16.26         | 343            | 365         | V        |
| 2      | * 2.39          | 51.87                | PK  | 32.1           | -24.6                  | 0            | 59.37                      | -                      | -           | 74                  | -14.63         | 343            | 365         | V        |
| 3      | * 2.39          | 39.8                 | RMS | 32.1           | -24.6                  | .25          | 47.55                      | 54                     | -6.45       | -                   | -              | 343            | 365         | V        |
| 4      | * 2.39          | 40.15                | RMS | 32.1           | -24.6                  | .25          | 47.9                       | 54                     | -6.1        | -                   | -              | 343            | 365         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



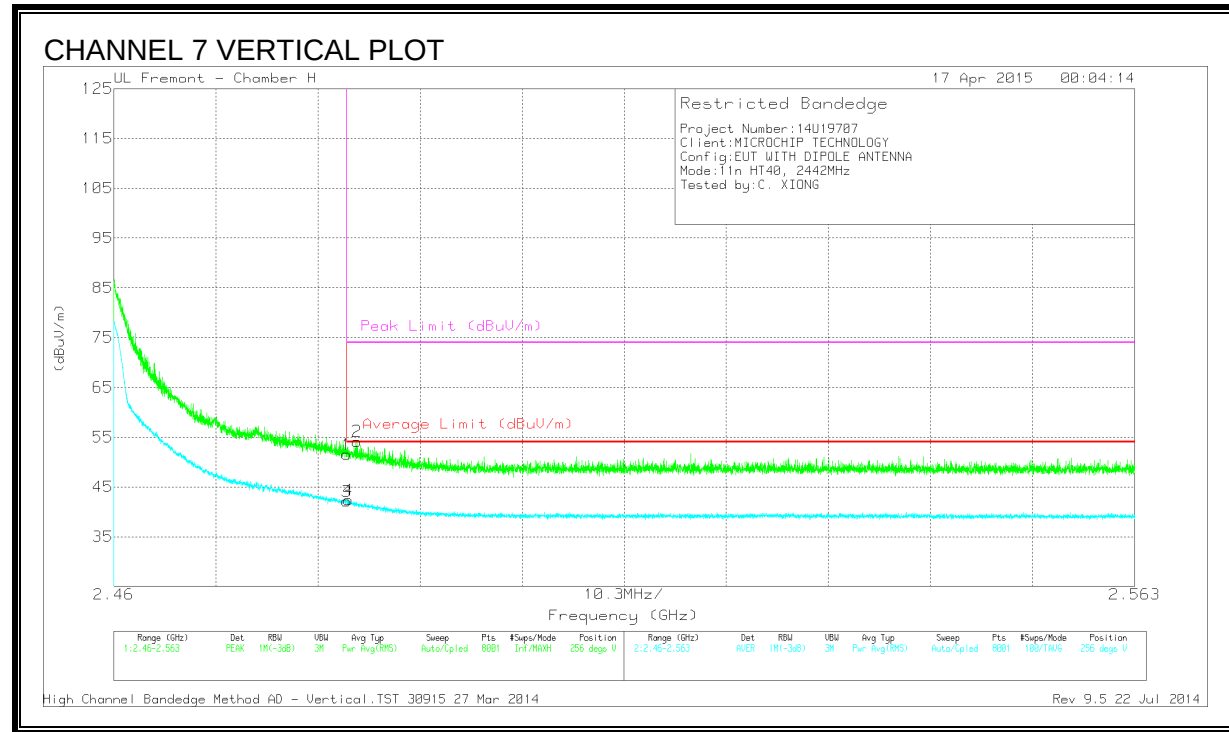
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.27                | PK  | 32.1           | -24.5                | 0            | 62.87                      | -                      | -           | 74                  | -11.13         | 303            | 280         | H        |
| 2      | * 2.484         | 58.84                | PK  | 32.1           | -24.5                | 0            | 66.44                      | -                      | -           | 74                  | -7.56          | 303            | 280         | H        |
| 3      | * 2.484         | 44.35                | RMS | 32.1           | -24.5                | .25          | 52.2                       | 54                     | -1.8        | -                   | -              | 303            | 280         | H        |
| 4      | * 2.484         | 44.59                | RMS | 32.1           | -24.5                | .25          | 52.44                      | 54                     | -1.56       | -                   | -              | 303            | 280         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



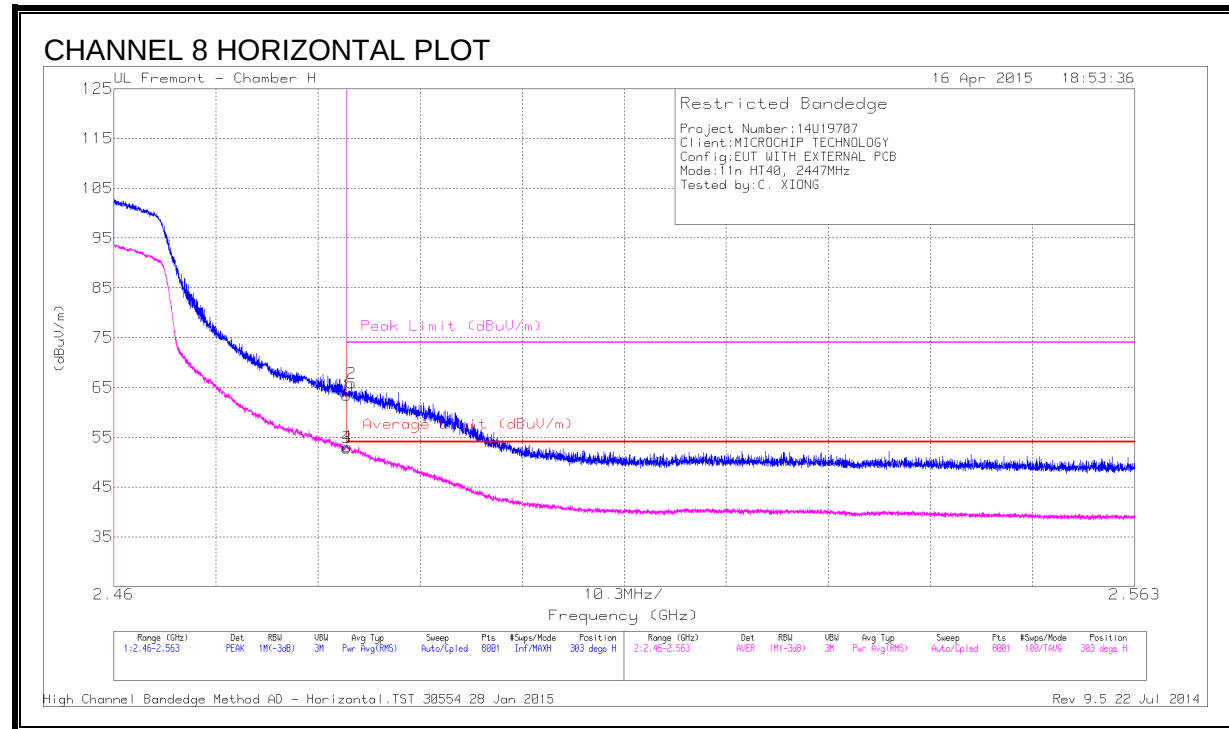
## DATA

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | AF T712<br>(dB/m) | Amp/Cbl/FI<br>tr/Pad (dB) | DC Corr<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | Average<br>Limit<br>(dBuV/m) | Margin<br>(dB) | Peak Limit<br>(dBuV/m) | PK Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|-----|-------------------|---------------------------|-----------------|----------------------------------|------------------------------|----------------|------------------------|-------------------|-------------------|----------------|----------|
| 1      | * 2.484                | 43.92                      | PK  | 32.1              | -24.5                     | 0               | 51.52                            | -                            | -              | 74                     | -22.48            | 256               | 316            | V        |
| 3      | * 2.484                | 34.3                       | RMS | 32.1              | -24.5                     | .25             | 42.15                            | 54                           | -11.85         | -                      | -                 | 256               | 316            | V        |
| 4      | * 2.484                | 34.54                      | RMS | 32.1              | -24.5                     | .25             | 42.39                            | 54                           | -11.61         | -                      | -                 | 256               | 316            | V        |
| 2      | * 2.485                | 46.54                      | PK  | 32.1              | -24.5                     | 0               | 54.14                            | -                            | -              | 74                     | -19.86            | 256               | 316            | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



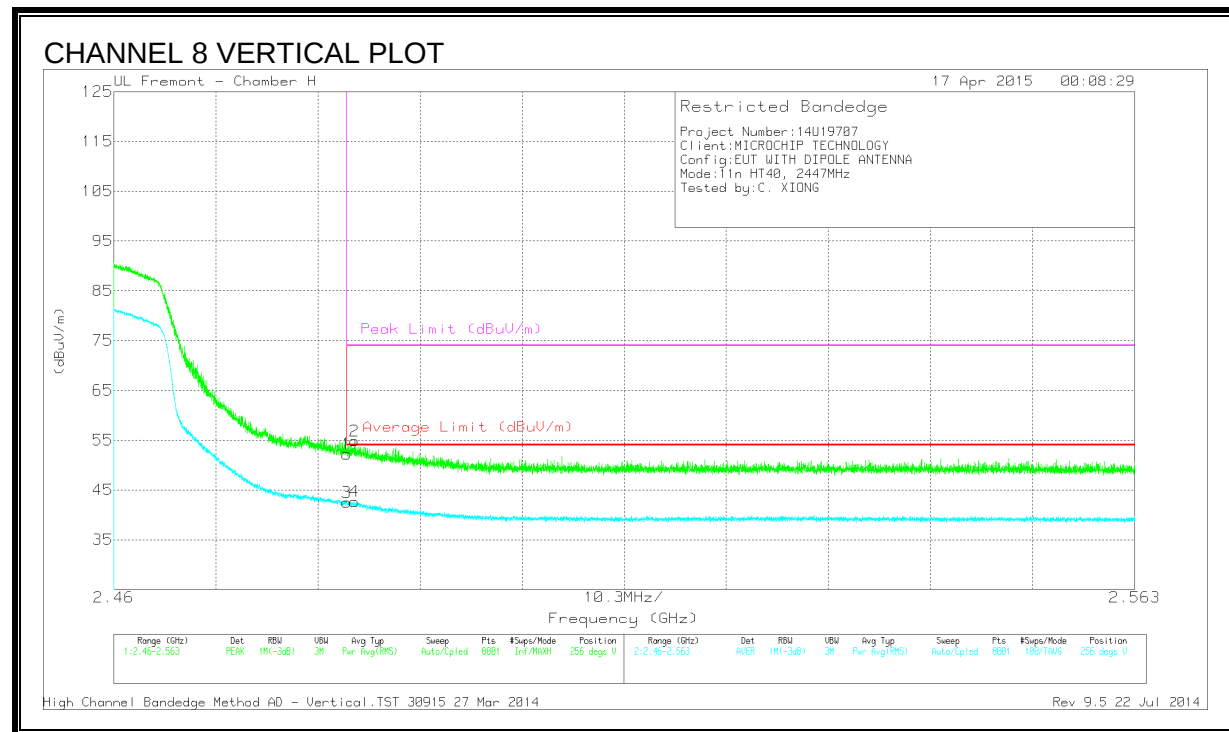
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Fitr/Pad (dB) | DC Corr (dB) | Correct ed Reading (dBuV/m) | Average Limit (dBuV/m) | Margi n (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimu th (Degs) | Heig ht (cm) | Polari ty |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|-----------------------------|------------------------|--------------|---------------------|----------------|-----------------|--------------|-----------|
| 1      | * 2.484         | 55.81                | PK  | 32.1           | -24.5                  | 0            | 63.41                       | -                      | -            | 74                  | -10.59         | 303             | 280          | H         |
| 2      | * 2.484         | 58.23                | PK  | 32.1           | -24.5                  | 0            | 65.83                       | -                      | -            | 74                  | -8.17          | 303             | 280          | H         |
| 3      | * 2.484         | 45.23                | RMS | 32.1           | -24.5                  | .25          | 53.08                       | 54                     | -.92         | -                   | -              | 303             | 280          | H         |
| 4      | * 2.484         | 45.43                | RMS | 32.1           | -24.5                  | .25          | 53.28                       | 54                     | -.72         | -                   | -              | 303             | 280          | H         |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



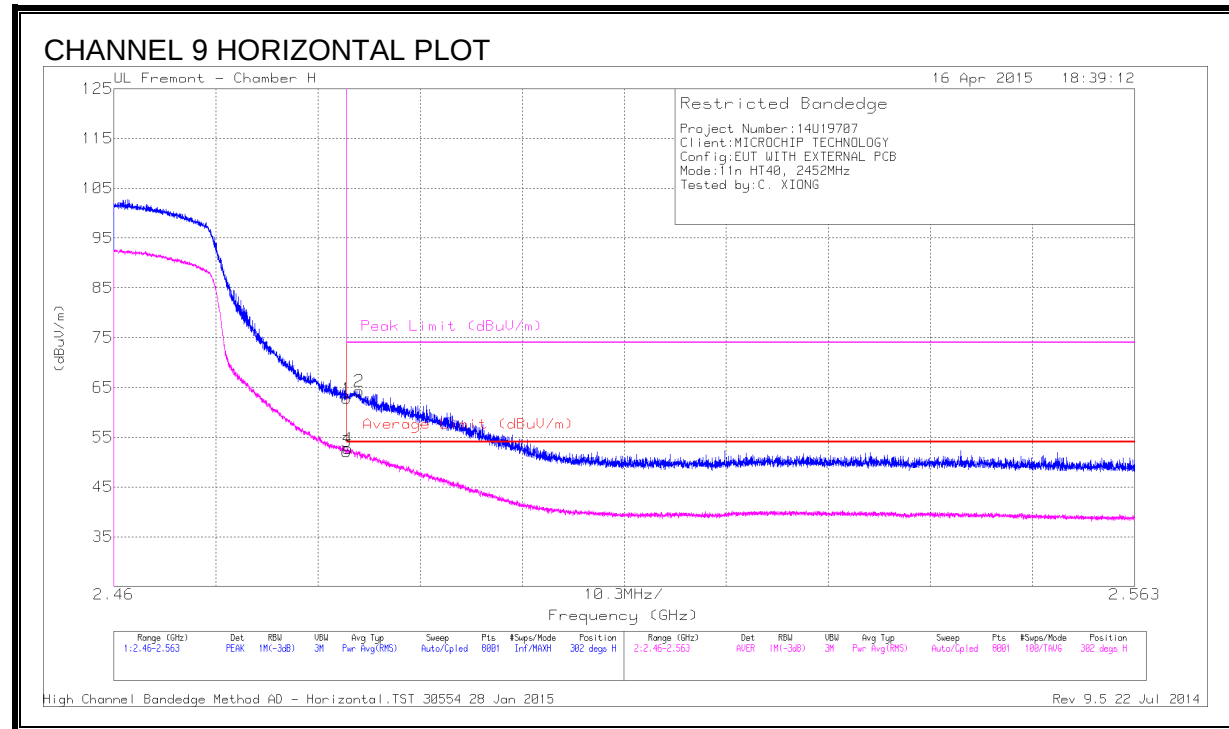
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/FI tr/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      | * 2.484         | 44.64                | PK  | 32.1           | -24.5                  | 0            | 52.24                      | -                      | -           | 74                  | -21.76         | 256            | 316         | V        |
| 2      | * 2.484         | 47.24                | PK  | 32.1           | -24.5                  | 0            | 54.84                      | -                      | -           | 74                  | -19.16         | 256            | 316         | V        |
| 3      | * 2.484         | 34.66                | RMS | 32.1           | -24.5                  | .25          | 42.51                      | 54                     | -11.49      | -                   | -              | 256            | 316         | V        |
| 4      | * 2.484         | 34.84                | RMS | 32.1           | -24.5                  | .25          | 42.69                      | 54                     | -11.31      | -                   | -              | 256            | 316         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



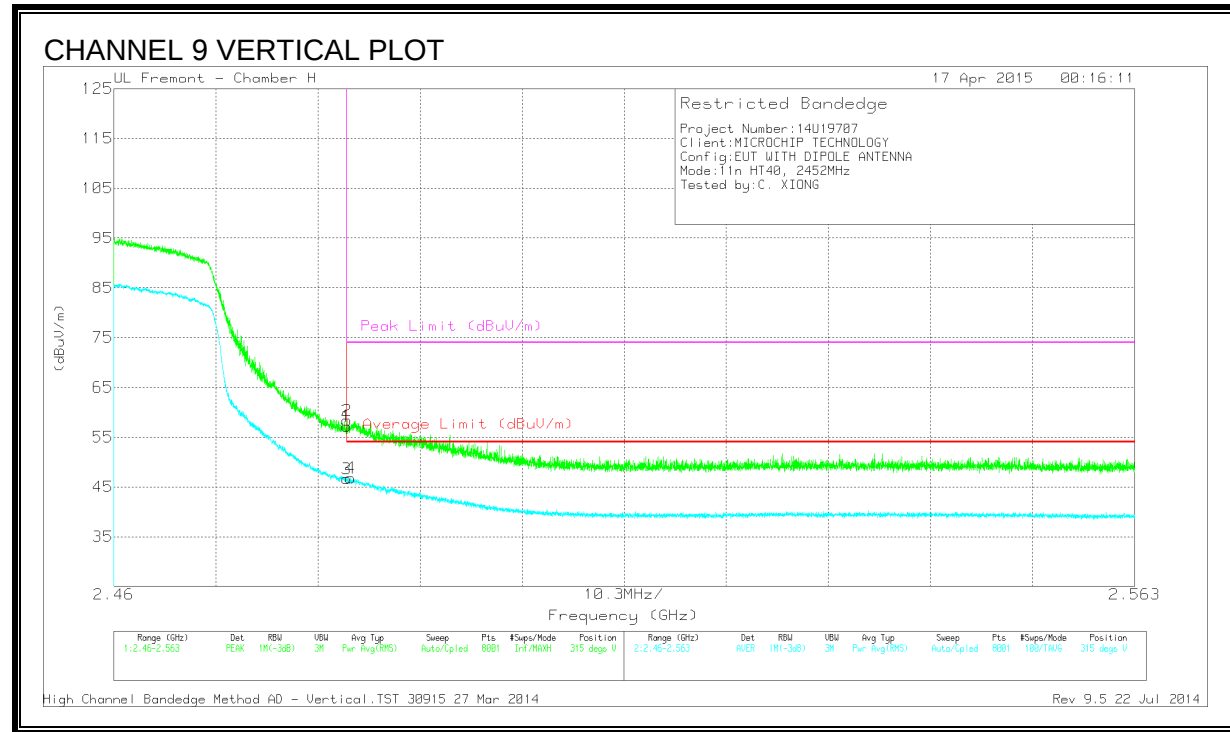
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.17                | PK  | 32.1           | -24.5                  | 0            | 62.77                      | -                      | -           | 74                  | -11.23         | 302            | 278         | H        |
| 2      | * 2.485         | 56.67                | PK  | 32.1           | -24.5                  | 0            | 64.27                      | -                      | -           | 74                  | -9.73          | 302            | 278         | H        |
| 3      | * 2.484         | 44.52                | RMS | 32.1           | -24.5                  | 0.25         | 52.37                      | 54                     | -1.63       | -                   | -              | 302            | 278         | H        |
| 4      | * 2.484         | 45.12                | RMS | 32.1           | -24.5                  | 0.25         | 52.97                      | 54                     | -1.03       | -                   | -              | 302            | 278         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



## DATA

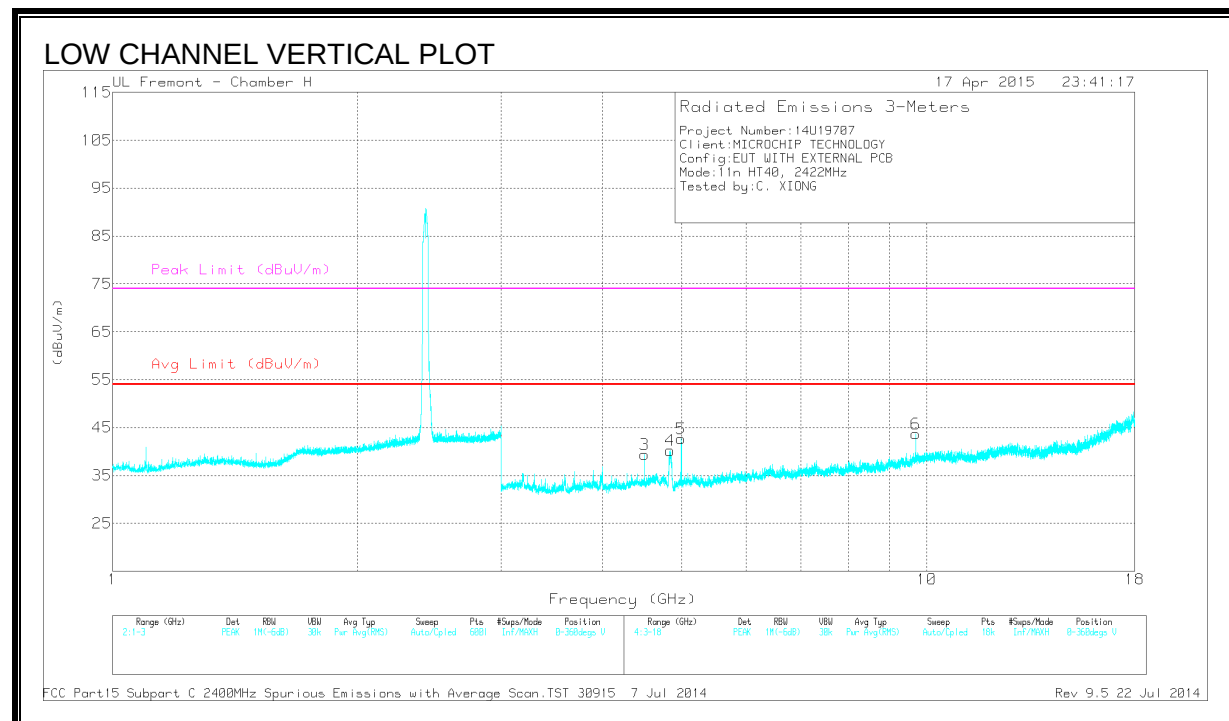
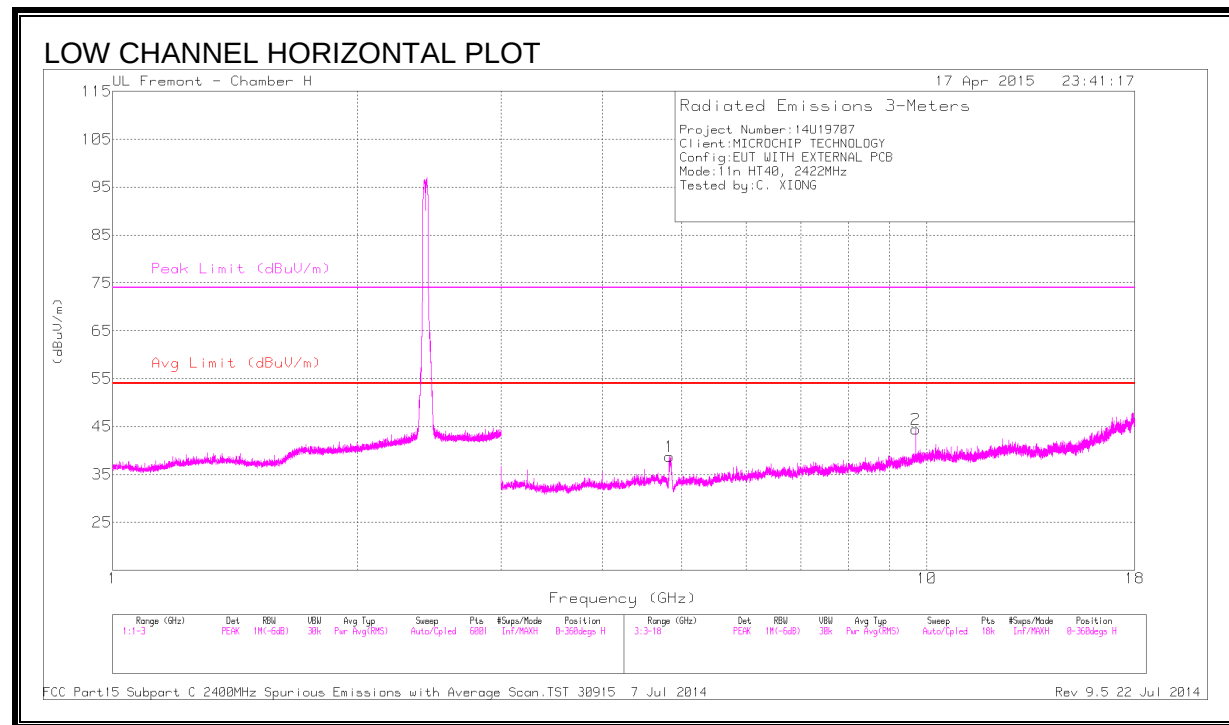
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *2.484          | 49.61                | PK  | 32.1           | -24.5                 | 0            | 57.21                      | -                      | -           | 74                  | -16.79         | 315            | 337         | V        |
| 2      | *2.484          | 50.76                | PK  | 32.1           | -24.5                 | 0            | 58.36                      | -                      | -           | 74                  | -15.64         | 315            | 337         | V        |
| 3      | *2.484          | 38.78                | RMS | 32.1           | -24.5                 | .25          | 46.63                      | 54                     | -7.37       | -                   | -              | 315            | 337         | V        |
| 4      | *2.484          | 38.95                | RMS | 32.1           | -24.5                 | .25          | 46.8                       | 54                     | -7.2        | -                   | -              | 315            | 337         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS



# DATA

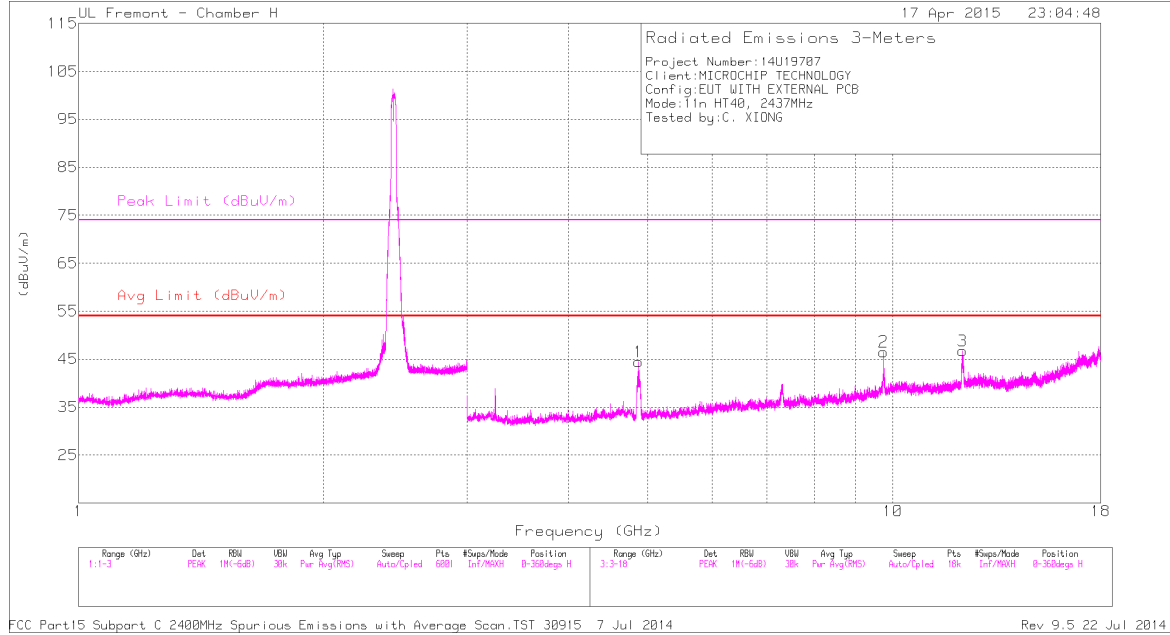
| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T712<br>(dB/m) | Amp/Cbl<br>/Filtr/Pad<br>(dB) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|-------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 4.829                | 43.06                      | PK2  | 33.9              | -32.3                         | 0               | 44.66                                    | -                            | -              | 74                            | -29.34               | 72                | 179            | H        |
|        | * 4.837                | 31.76                      | MAv1 | 33.9              | -32.3                         | .25             | 33.61                                    | 54                           | -20.39         | -                             | -                    | 72                | 179            | H        |
| 4      | * 4.841                | 46.87                      | PK2  | 33.9              | -32.2                         | 0               | 48.57                                    | -                            | -              | 74                            | -25.43               | 171               | 202            | V        |
|        | * 4.842                | 35.65                      | MAv1 | 33.9              | -32.2                         | .25             | 37.6                                     | 54                           | -16.4          | -                             | -                    | 171               | 202            | V        |
| 5      | * 4.995                | 47.79                      | PK2  | 33.9              | -32.2                         | 0               | 49.49                                    | -                            | -              | 74                            | -24.51               | 176               | 217            | V        |
|        | * 4.994                | 29.95                      | MAv1 | 33.9              | -32.2                         | .25             | 31.9                                     | 54                           | -22.1          | -                             | -                    | 176               | 217            | V        |
| 3      | 4.5                    | 43.09                      | PK2  | 33.7              | -32.8                         | 0               | 43.99                                    | -                            | -              | -                             | -                    | 228               | 212            | V        |
| 2      | 9.688                  | 38.07                      | PK2  | 36.9              | -25.8                         | 0               | 49.17                                    | -                            | -              | -                             | -                    | 228               | 212            | H        |
| 6      | 9.688                  | 38.8                       | PK2  | 36.9              | -25.9                         | 0               | 49.8                                     | -                            | -              | -                             | -                    | 43                | 224            | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

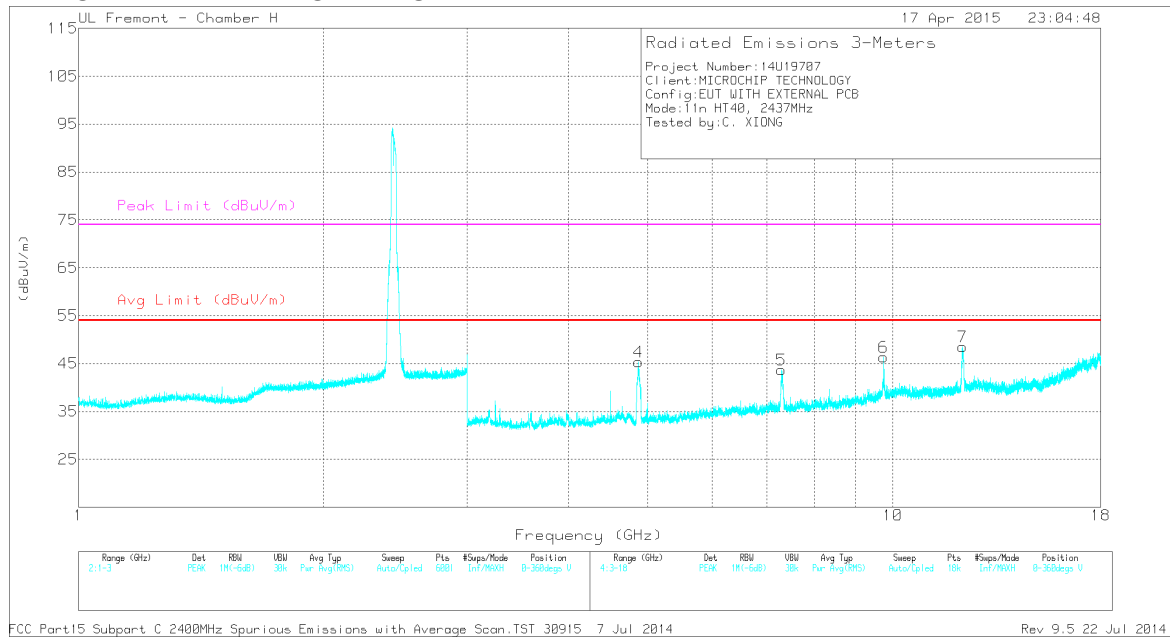
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL HORIZONTAL PLOT



### MID CHANNEL VERTICAL PLOT



# DATA

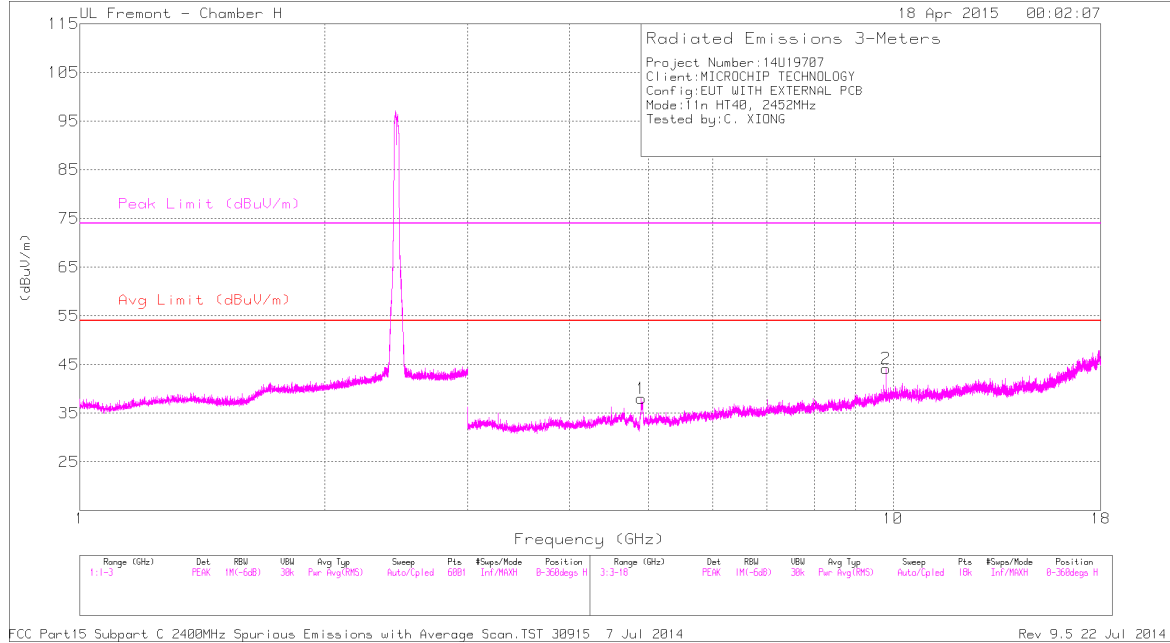
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T712 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 4.857         | 42.65                | PK2  | 33.9           | -32.3                   | 0            | 44.25                      | -                  | -           | 74                  | -29.75         | 71             | 173         | H        |
|        | * 4.855         | 30.53                | MAv1 | 33.9           | -32.3                   | .25          | 32.38                      | 54                 | -21.62      | -                   | -              | 71             | 173         | H        |
| 3      | * 12.173        | 36.33                | PK2  | 38.3           | -25.8                   | 0            | 48.83                      | -                  | -           | 74                  | -25.17         | 344            | 164         | H        |
|        | * 12.175        | 24.33                | MAv1 | 38.3           | -25.8                   | .25          | 37.08                      | 54                 | -16.92      | -                   | -              | 344            | 164         | H        |
| 4      | * 4.862         | 46.89                | PK2  | 33.9           | -32.3                   | 0            | 48.49                      | -                  | -           | 74                  | -25.51         | 168            | 199         | V        |
|        | * 4.866         | 34.5                 | MAv1 | 33.9           | -32.3                   | .25          | 36.35                      | 54                 | -17.65      | -                   | -              | 168            | 199         | V        |
| 5      | * 7.29          | 40.46                | PK2  | 35.4           | -29.4                   | 0            | 46.46                      | -                  | -           | 74                  | -27.54         | 12             | 230         | V        |
|        | * 7.292         | 27.46                | MAv1 | 35.4           | -29.3                   | .25          | 33.81                      | 54                 | -20.19      | -                   | -              | 12             | 230         | V        |
| 7      | * 12.179        | 35.91                | PK2  | 38.3           | -25.7                   | 0            | 48.51                      | -                  | -           | 74                  | -25.49         | 48             | 212         | V        |
|        | * 12.178        | 24.82                | MAv1 | 38.3           | -25.8                   | .25          | 37.57                      | 54                 | -16.43      | -                   | -              | 48             | 212         | V        |
| 2      | 9.748           | 40.38                | PK2  | 36.9           | -26.2                   | 0            | 51.08                      | -                  | -           | -                   | -              | 234            | 212         | H        |
| 6      | 9.748           | 40.29                | PK2  | 36.9           | -26.2                   | 0            | 50.99                      | -                  | -           | -                   | -              | 38             | 222         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

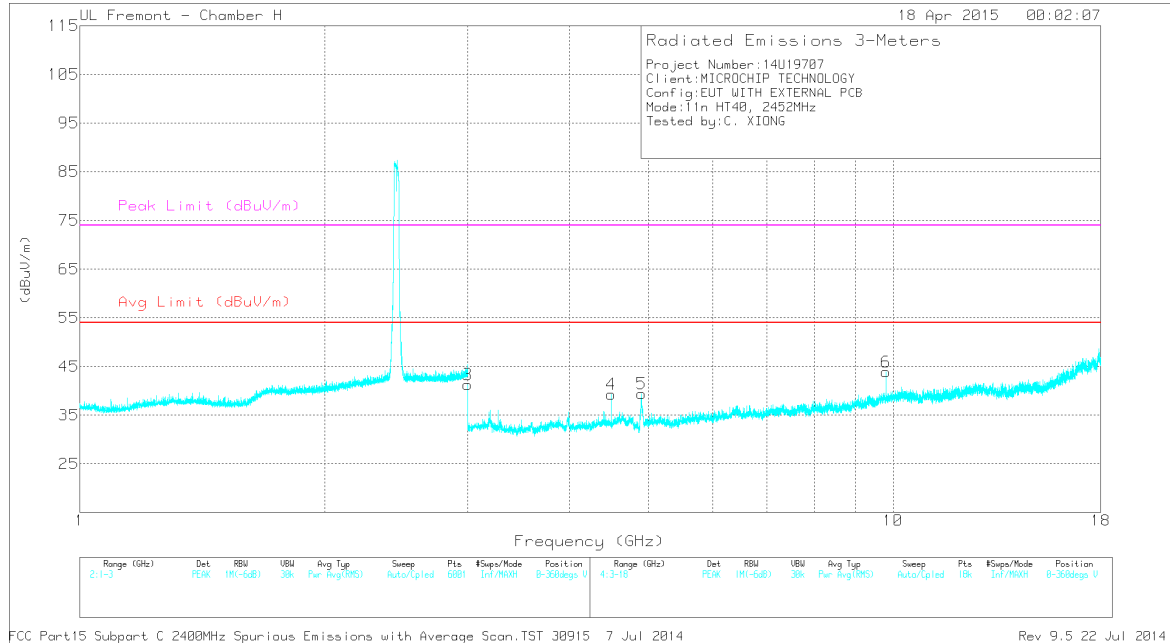
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## CHANNEL 13 HORIZONTAL PLOT



## CHANNEL 13 VERTICAL PLOT



## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T712 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 4.901         | 44.85                | PK2  | 33.8           | -31.9                   | 0            | 46.75                      | -                  | -           | 74                  | -27.25         | 357            | 205         | H        |
|        | * 4.903         | 33.51                | MAv1 | 33.8           | -31.9                   | .25          | 35.66                      | 54                 | -18.34      | -                   | -              | 357            | 205         | H        |
| 5      | * 4.904         | 46.7                 | PK2  | 33.8           | -31.9                   | 0            | 48.6                       | -                  | -           | 74                  | -25.4          | 93             | 283         | V        |
|        | * 4.903         | 33.68                | MAv1 | 33.8           | -31.9                   | .25          | 35.83                      | 54                 | -18.17      | -                   | -              | 93             | 283         | V        |
| 3      | 3               | 44.55                | PK2  | 32.6           | -33.2                   | 0            | 43.95                      | -                  | -           | -                   | -              | 357            | 205         | V        |
| 4      | 4.5             | 42.32                | PK2  | 33.7           | -32.8                   | 0            | 43.22                      | -                  | -           | -                   | -              | 357            | 172         | V        |
| 2      | 9.808           | 39.17                | PK2  | 37             | -26.5                   | 0            | 49.67                      | -                  | -           | -                   | -              | 357            | 205         | H        |
| 6      | 9.808           | 38.53                | PK2  | 37             | -26.5                   | 0            | 49.03                      | -                  | -           | -                   | -              | 119            | 200         | V        |

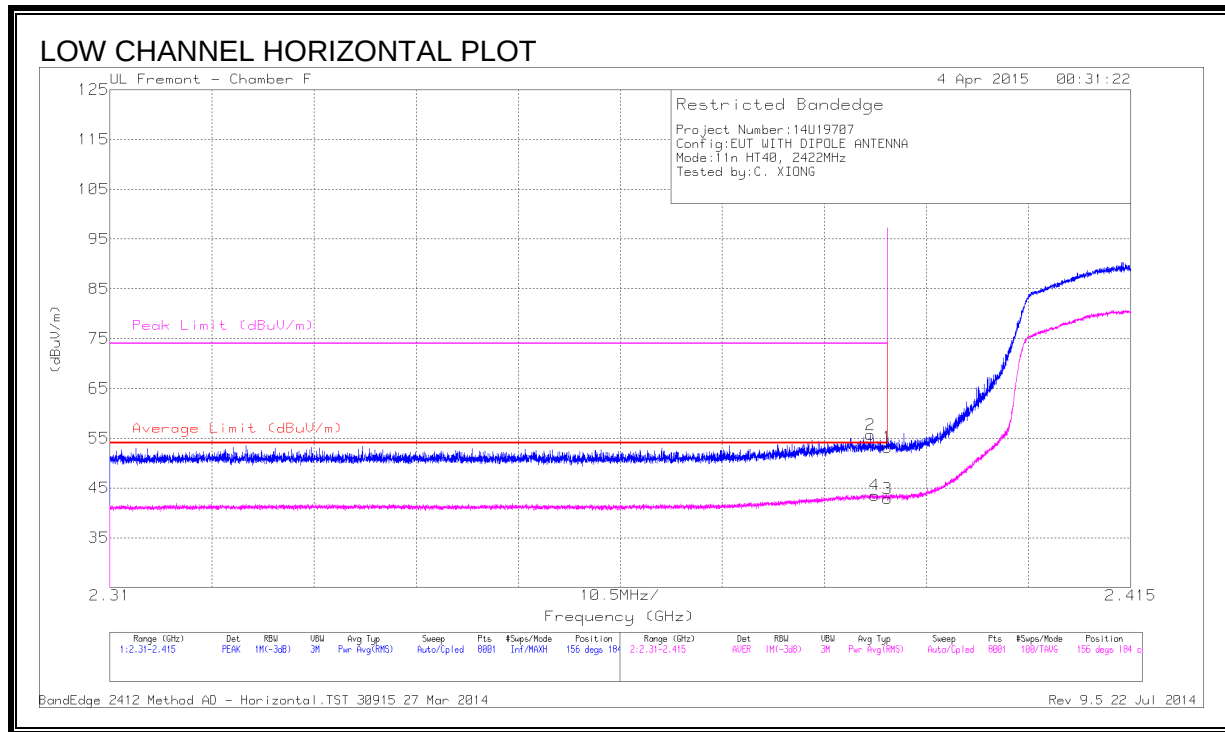
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 10.5.4. DIPOLE ANTENNA

### RESTRICTED BANDEDGE



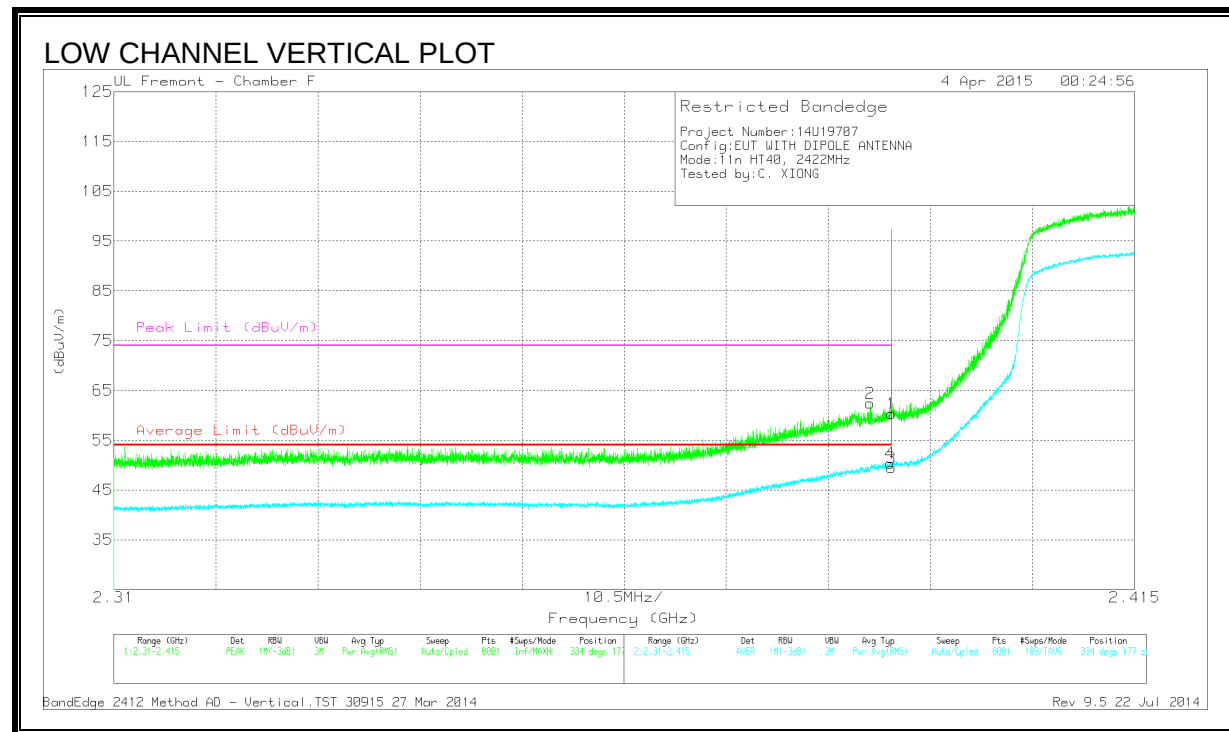
### DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 42.18                | PK  | 31.9           | -20.9                 | 0            | 53.18                      | -                      | -           | 74                  | -20.82         | 156            | 184         | H        |
| 2      | * 2.388         | 44.71                | PK  | 31.9           | -20.9                 | 0            | 55.71                      | -                      | -           | 74                  | -18.29         | 156            | 184         | H        |
| 3      | * 2.39          | 31.85                | RMS | 31.9           | -20.9                 | .25          | 43.1                       | 54                     | -10.9       | -                   | -              | 156            | 184         | H        |
| 4      | * 2.389         | 32.54                | RMS | 31.9           | -20.9                 | .25          | 43.79                      | 54                     | -10.21      | -                   | -              | 156            | 184         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



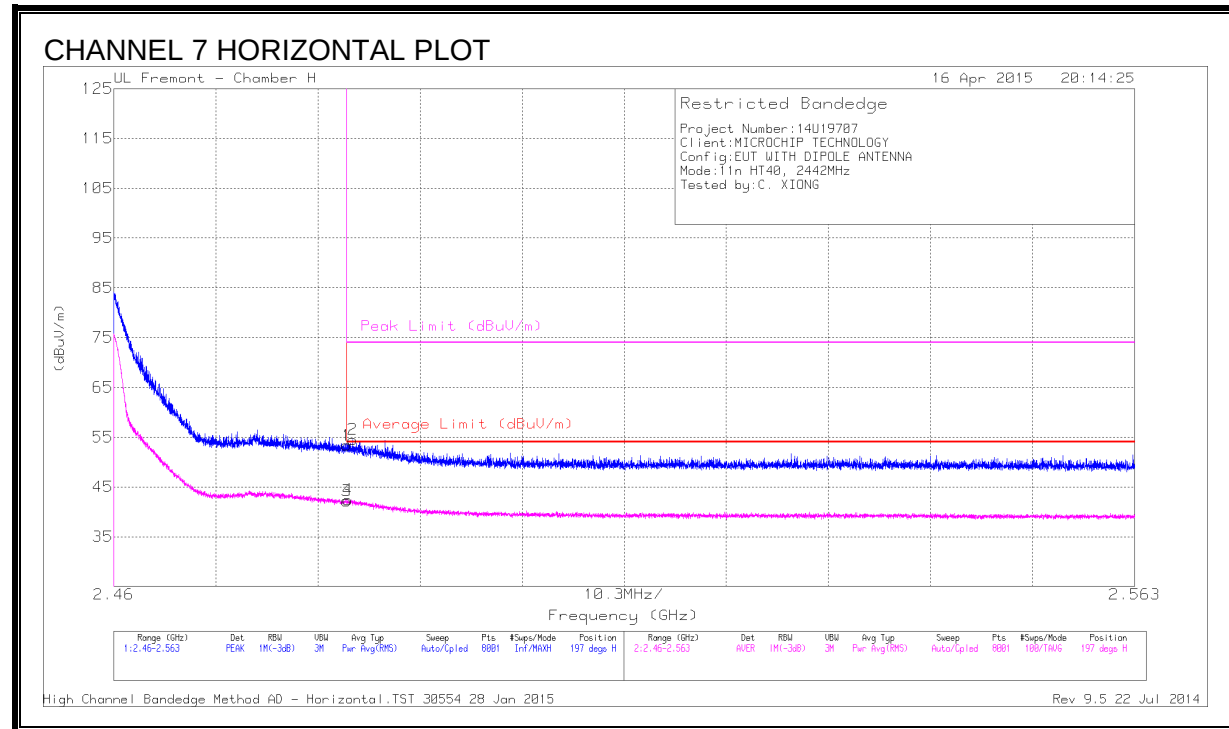
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBUV) | Det | AF T120 (dB/m) | Amp/Cbl /Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 49.34                | PK  | 31.9           | -20.9                  | 0            | 60.34                      | -                      | -           | 74                  | -13.66         | 334            | 177         | V        |
| 2      | * 2.388         | 51.4                 | PK  | 31.9           | -20.9                  | 0            | 62.4                       | -                      | -           | 74                  | -11.6          | 334            | 177         | V        |
| 3      | * 2.39          | 38.44                | RMS | 31.9           | -20.9                  | .25          | 49.69                      | 54                     | -4.31       | -                   | -              | 334            | 177         | V        |
| 4      | * 2.39          | 39.34                | RMS | 31.9           | -20.9                  | .25          | 50.59                      | 54                     | -3.41       | -                   | -              | 334            | 177         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



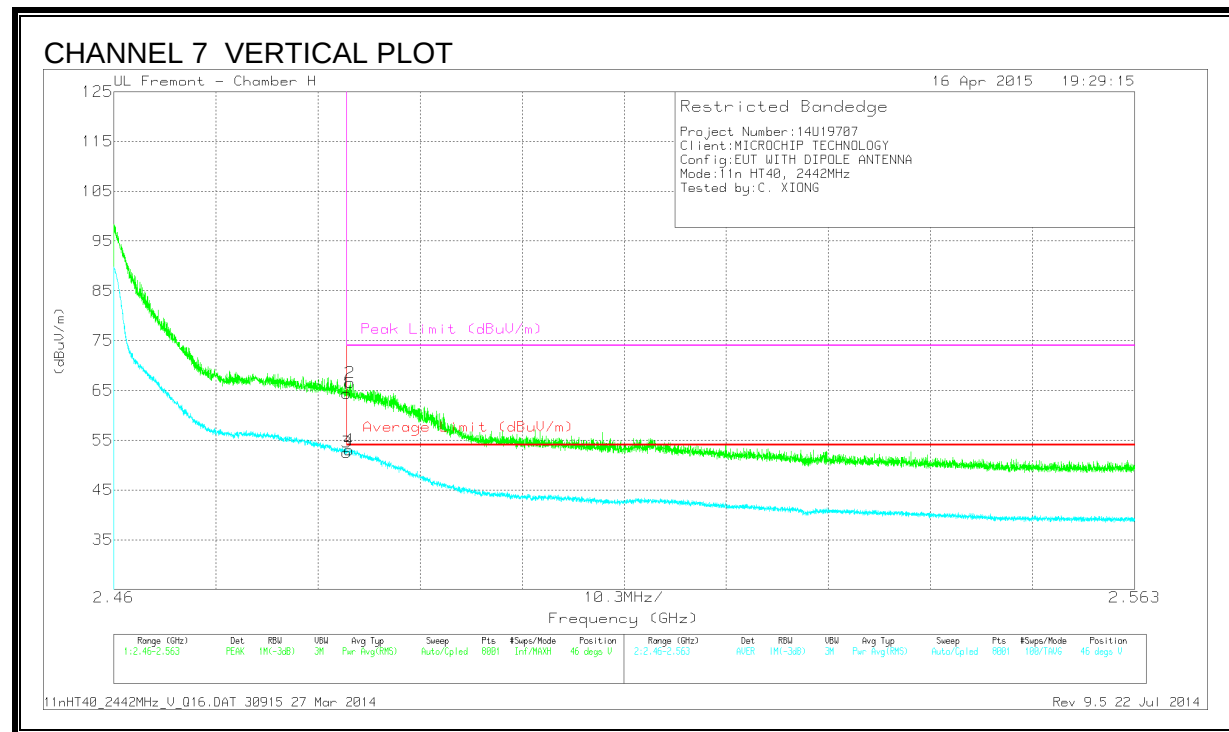
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *2.484          | 45.76                | PK  | 32.1           | -24.5                 | 0            | 53.36                      | -                      | -           | 74                  | -20.64         | 197            | 226         | H        |
| 2      | *2.484          | 46.94                | PK  | 32.1           | -24.5                 | 0            | 54.54                      | -                      | -           | 74                  | -19.46         | 197            | 226         | H        |
| 3      | *2.484          | 34.37                | RMS | 32.1           | -24.5                 | .25          | 42.22                      | 54                     | -11.78      | -                   | -              | 197            | 226         | H        |
| 4      | *2.484          | 34.56                | RMS | 32.1           | -24.5                 | .25          | 42.41                      | 54                     | -11.59      | -                   | -              | 197            | 226         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



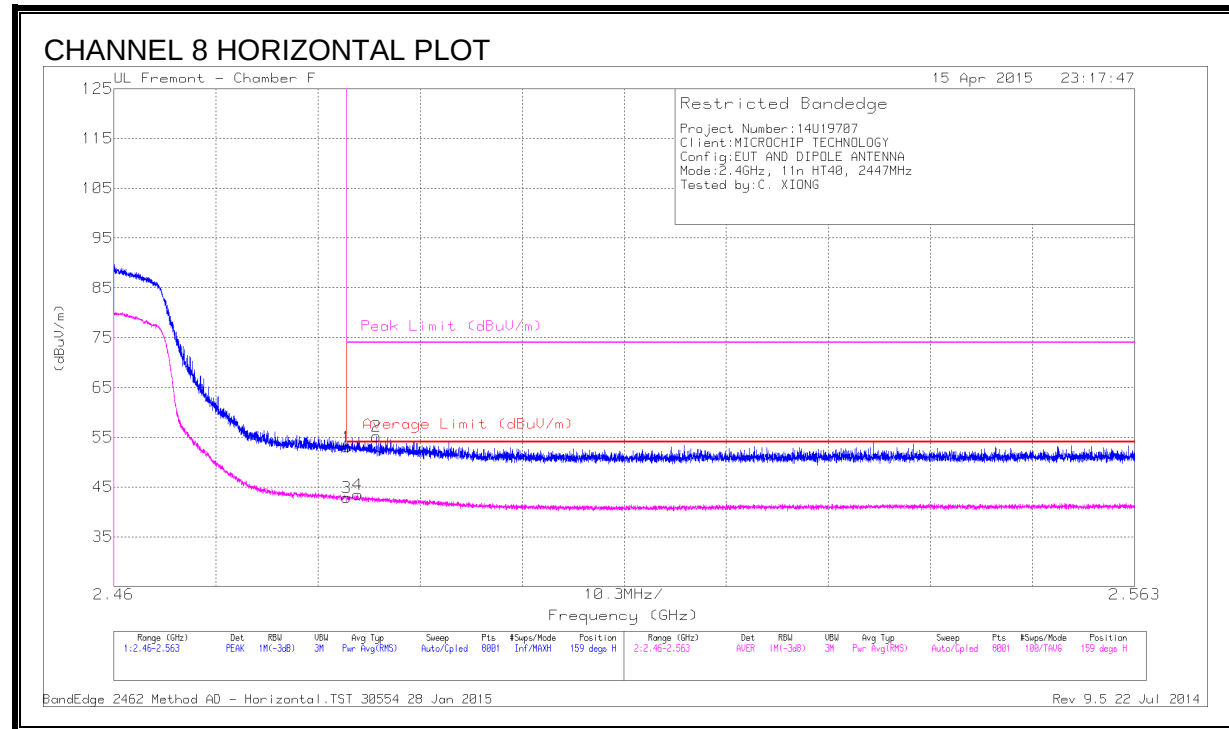
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Correct ed Readin g (dBuV/ m) | Average Limit (dBuV/m ) | Margi n (dB) | Peak Limit (dBuV/m ) | PK Margin (dB) | Azimu th (Degs) | Heig ht (cm) | Polari ty |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|-------------------------------|-------------------------|--------------|----------------------|----------------|-----------------|--------------|-----------|
| 1      | * 2.484         | 56.77                | PK  | 32.1           | -24.5                 | 0            | 64.37                         | -                       | -            | 74                   | -9.63          | 46              | 224          | V         |
| 2      | * 2.484         | 58.97                | PK  | 32.1           | -24.5                 | 0            | 66.57                         | -                       | -            | 74                   | -7.43          | 46              | 224          | V         |
| 3      | * 2.484         | 44.98                | RMS | 32.1           | -24.5                 | .25          | 52.83                         | 54                      | -1.17        | -                    | -              | 46              | 224          | V         |
| 4      | * 2.484         | 45.43                | RMS | 32.1           | -24.5                 | .25          | 53.28                         | 54                      | -72          | -                    | -              | 46              | 224          | V         |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



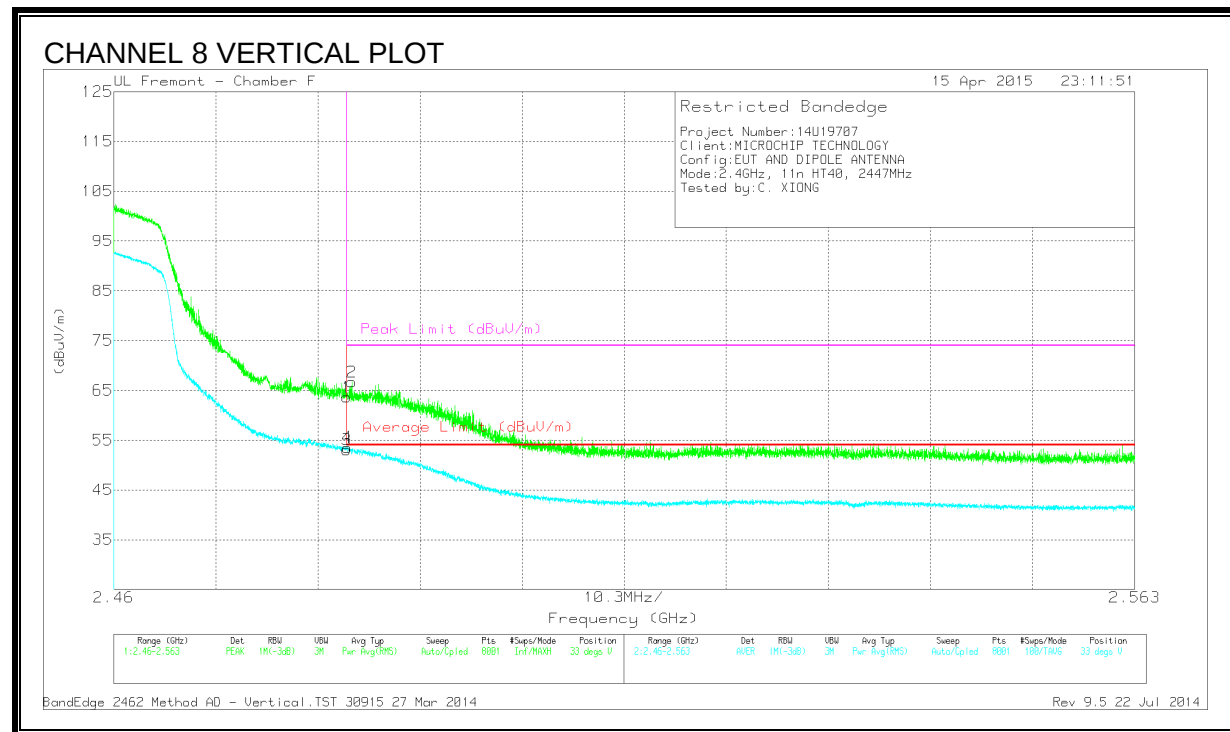
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 41.68                | PK  | 32.2           | -20.9                  | 0            | 52.98                      | -                      | -           | 74                  | -21.02         | 159            | 119         | H        |
| 2      | * 2.486         | 43.86                | PK  | 32.2           | -20.9                  | 0            | 55.16                      | -                      | -           | 74                  | -18.84         | 159            | 119         | H        |
| 3      | * 2.484         | 31.57                | RMS | 32.2           | -20.9                  | 0.25         | 43.02                      | 54                     | -10.80      | -                   | -              | 159            | 119         | H        |
| 4      | * 2.485         | 32.18                | RMS | 32.2           | -20.9                  | 0.25         | 43.73                      | 54                     | -10.27      | -                   | -              | 159            | 119         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



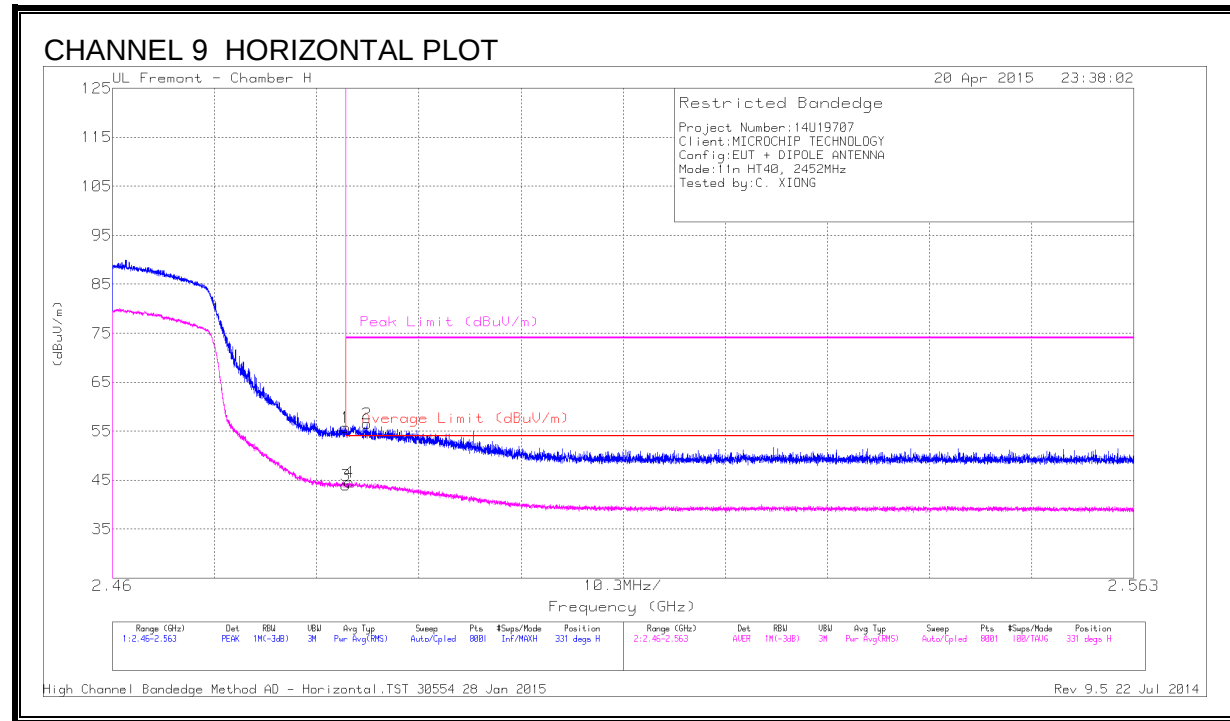
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T120 (dB/m) | Amp/Cbl /Ftr/Pad (dB) | DC Corr (dB) | Correct ed Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|-----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 52.31                | PK  | 32.2           | -20.9                 | 0            | 63.61                       | -                      | -           | 74                  | -10.39         | 33             | 210         | V        |
| 2      | * 2.484         | 55.4                 | PK  | 32.2           | -20.9                 | 0            | 66.7                        | -                      | -           | 74                  | -7.3           | 33             | 210         | V        |
| 3      | * 2.484         | 41.55                | RMS | 32.2           | -20.9                 | .25          | 53.1                        | 54                     | -.9         | -                   | -              | 33             | 210         | V        |
| 4      | * 2.484         | 41.98                | RMS | 32.2           | -20.9                 | .25          | 53.53                       | 54                     | -.47        | -                   | -              | 33             | 210         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



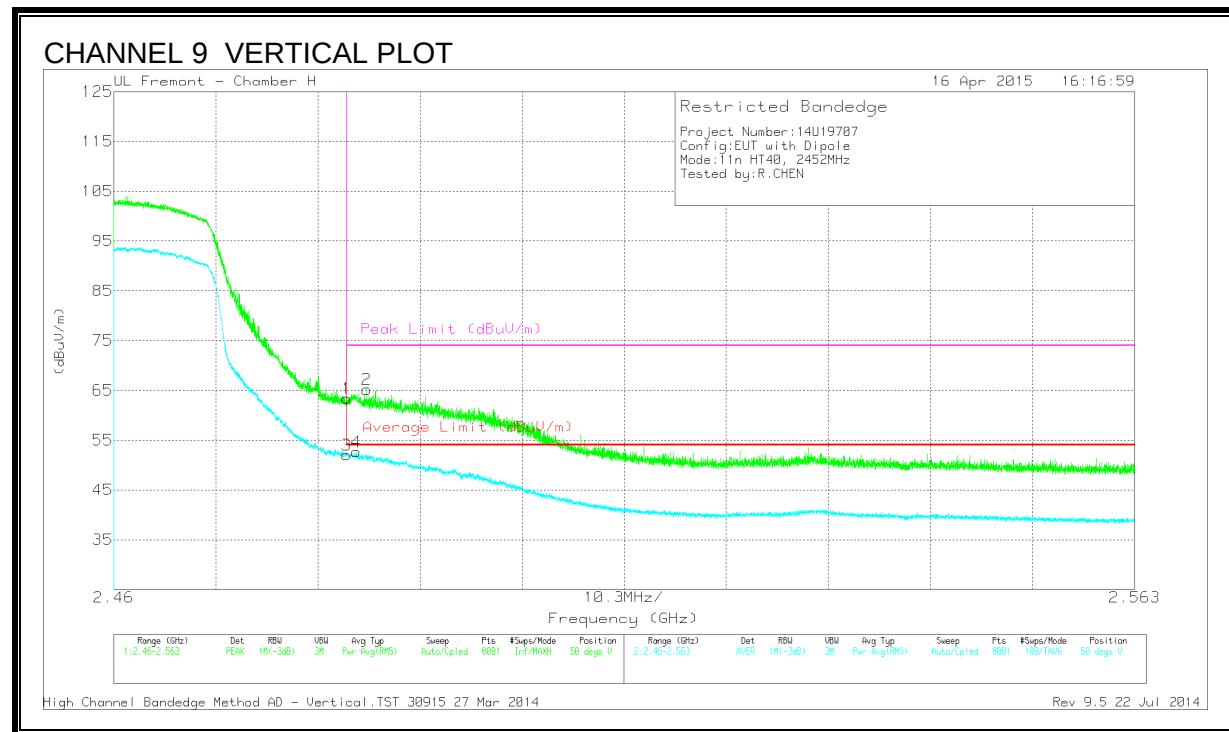
## DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl /Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 48.12                | PK  | 32.1           | -24.5                   | 0            | 55.72                      | -                      | -           | 74                  | -18.28         | 331            | 345         | H        |
| 3      | * 2.484         | 36.08                | RMS | 32.1           | -24.5                   | .25          | 43.93                      | 54                     | -10.07      | -                   | -              | 331            | 345         | H        |
| 4      | * 2.484         | 36.71                | RMS | 32.1           | -24.5                   | .25          | 44.56                      | 54                     | -9.44       | -                   | -              | 331            | 345         | H        |
| 2      | * 2.486         | 48.86                | PK  | 32.1           | -24.5                   | 0            | 56.46                      | -                      | -           | 74                  | -17.54         | 331            | 345         | H        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



## DATA

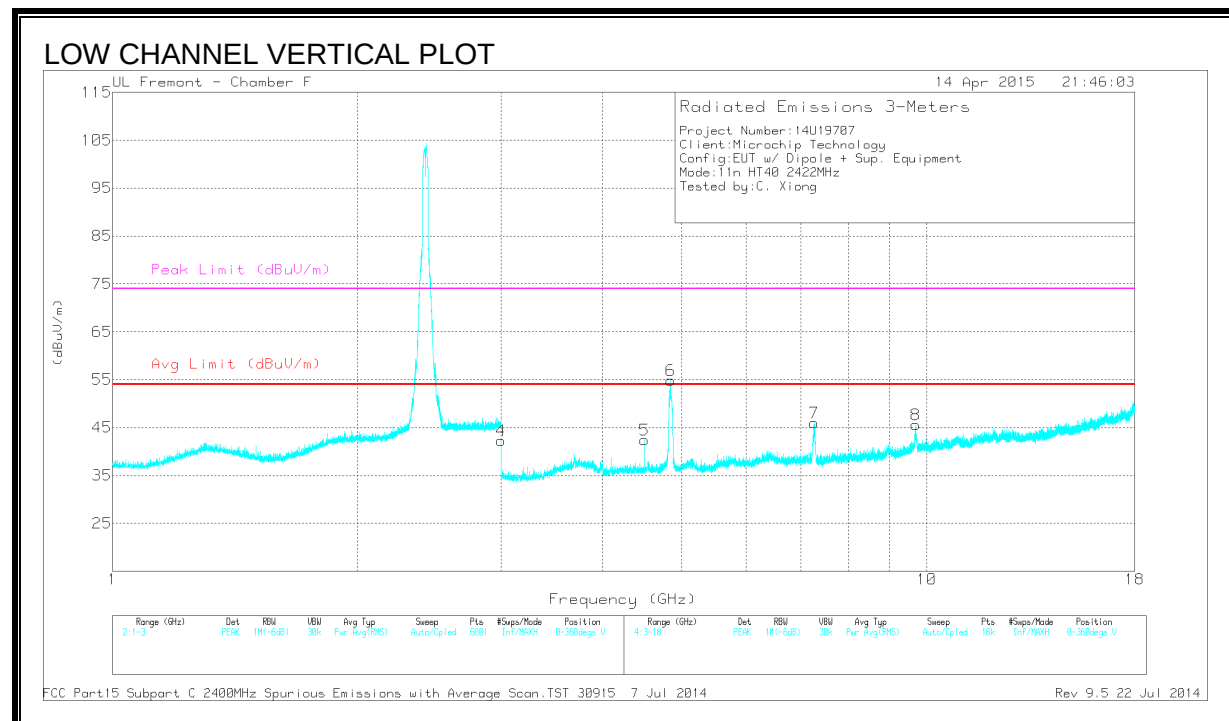
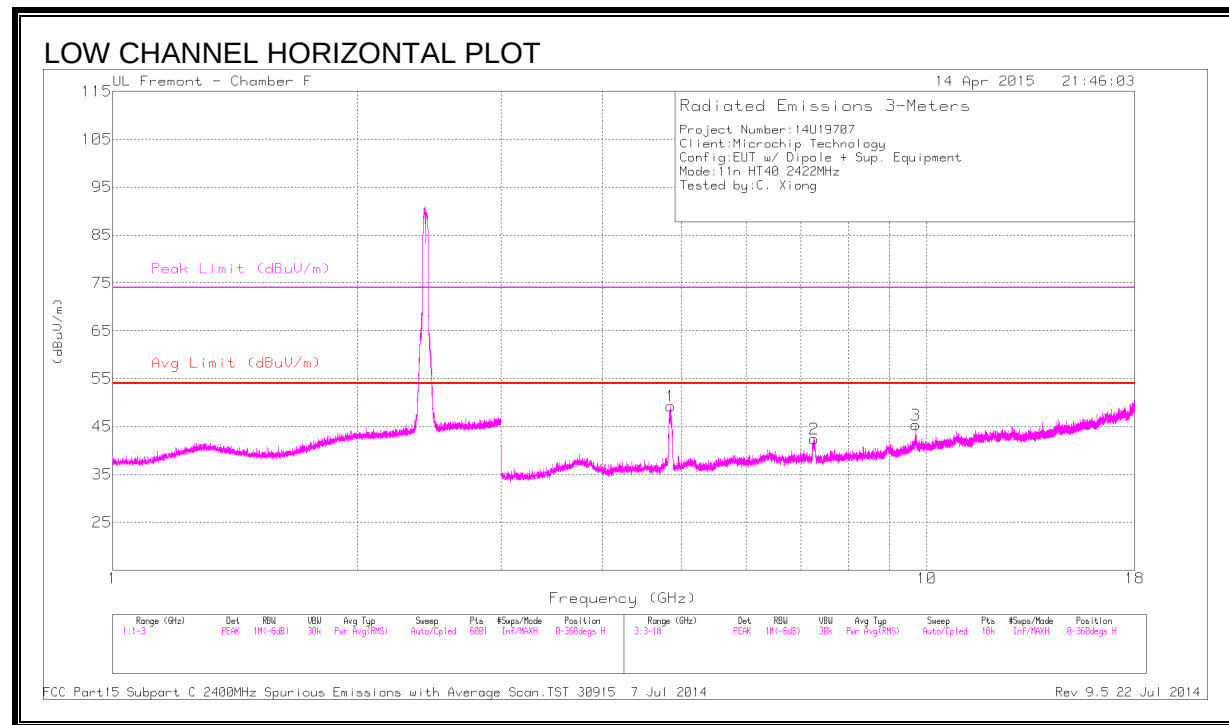
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T712 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 55.81                | PK  | 32.1           | -24.5                  | 0            | 63.41                      | -                      | -           | 74                  | -10.59         | 50             | 224         | V        |
| 2      | * 2.486         | 57.59                | PK  | 32.1           | -24.5                  | 0            | 65.19                      | -                      | -           | 74                  | -8.81          | 50             | 224         | V        |
| 3      | * 2.484         | 44.44                | RMS | 32.1           | -24.5                  | 0.25         | 52.29                      | 54                     | -1.71       | -                   | -              | 50             | 224         | V        |
| 4      | * 2.485         | 45.03                | RMS | 32.1           | -24.5                  | 0.25         | 52.88                      | 54                     | -1.12       | -                   | -              | 50             | 224         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS



# DATA

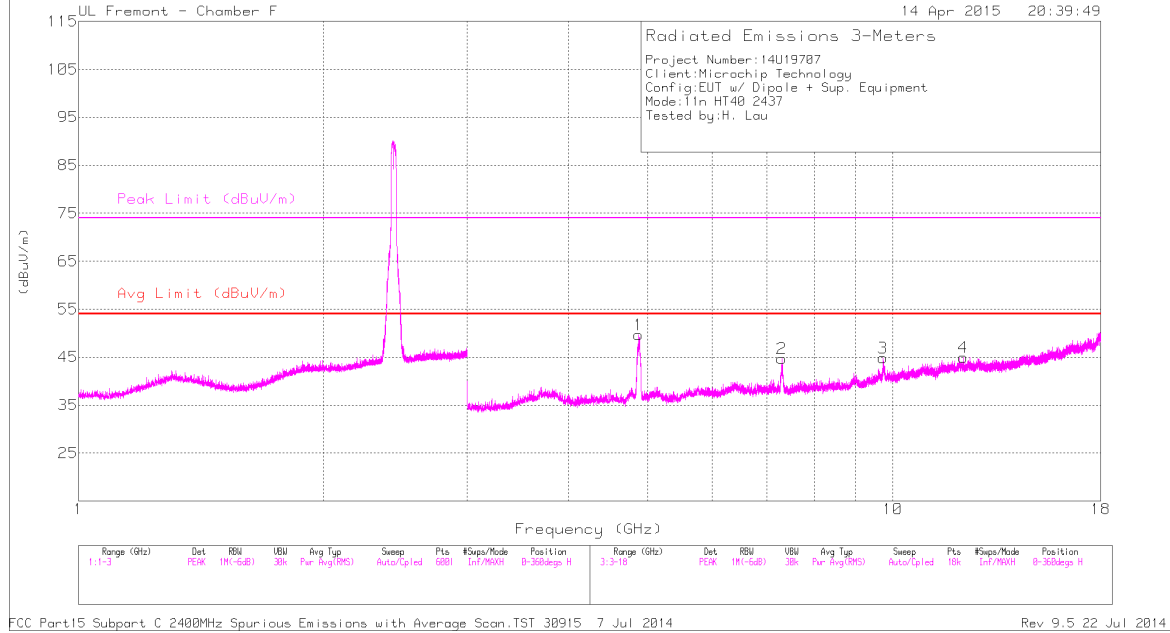
| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T120<br>(dB/m) | Amp/Cbl<br>/Filtr/Pad<br>(db) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|-------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 4.846                | 50.83                      | PK2  | 34.1              | -27.7                         | 0               | 57.23                                    | -                            | -              | 74                            | -16.77               | 212               | 101            | H        |
|        | * 4.845                | 40                         | MAv1 | 34.1              | -27.7                         | .25             | 46.65                                    | 54                           | -7.35          | -                             | -                    | 212               | 101            | H        |
| 2      | * 7.256                | 42.88                      | PK2  | 35.6              | -26.4                         | 0               | 52.08                                    | -                            | -              | 74                            | -21.92               | 14                | 173            | H        |
|        | * 7.257                | 30.91                      | MAv1 | 35.7              | -26.4                         | .25             | 40.46                                    | 54                           | -13.54         | -                             | -                    | 14                | 173            | H        |
| 3      | 9.687                  | 39.74                      | PK2  | 37                | -22.3                         | 0               | 54.44                                    | -                            | -              | -                             | -                    | 355               | 237            | H        |
| 6      | * 4.839                | 55.75                      | PK2  | 34.1              | -27.7                         | 0               | 62.15                                    | -                            | -              | 74                            | -11.85               | 339               | 244            | V        |
|        | * 4.845                | 44.81                      | MAv1 | 34.1              | -27.7                         | .25             | 51.46                                    | 54                           | -2.54          | -                             | -                    | 339               | 244            | V        |
| 4      | 3                      | 44.11                      | PK2  | 33.1              | -28.3                         | 0               | 48.91                                    | -                            | -              | -                             | -                    | 209               | 102            | V        |
|        | 4.5                    | 42.95                      | PK2  | 33.9              | -28                           | 0               | 48.85                                    | -                            | -              | 74                            | -25.15               | 192               | 186            | V        |
| 7      | * 7.275                | 46.31                      | PK2  | 35.7              | -26.2                         | 0               | 55.81                                    | -                            | -              | 74                            | -18.19               | 39                | 220            | V        |
|        | * 7.272                | 33.79                      | MAv1 | 35.7              | -26.2                         | .25             | 43.54                                    | 54                           | -10.46         | -                             | -                    | 39                | 220            | V        |
| 8      | 9.688                  | 42.58                      | PK2  | 37                | -22.3                         | 0               | 57.28                                    | -                            | -              | -                             | -                    | 85                | 219            | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

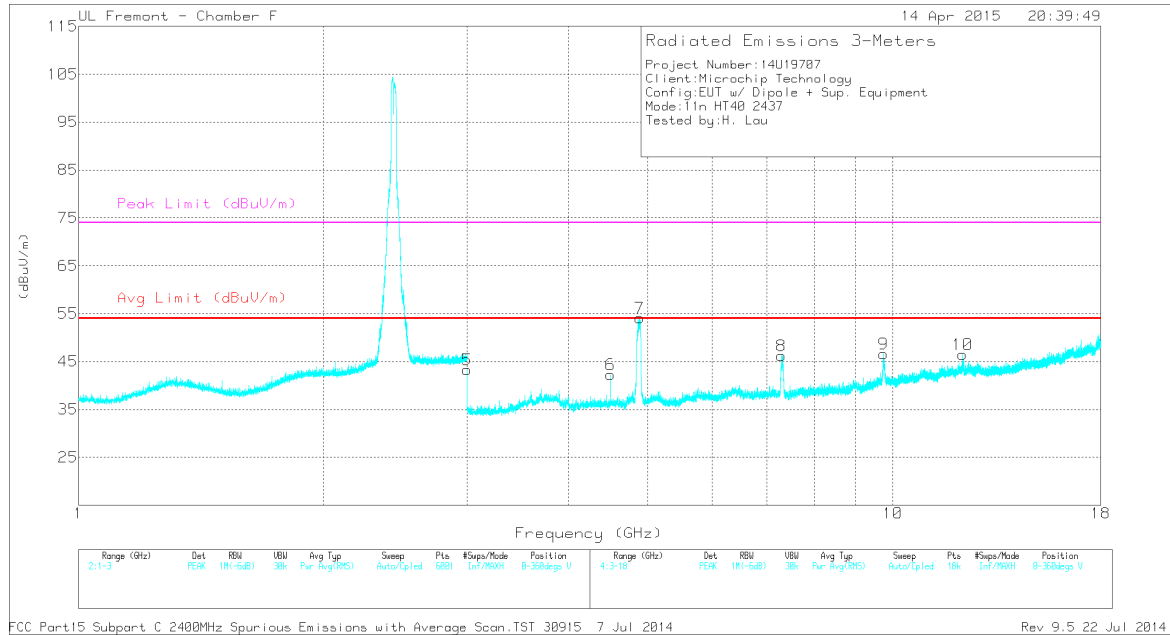
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL HORIZONTAL PLOT



### MID CHANNEL VERTICAL PLOT



# DATA

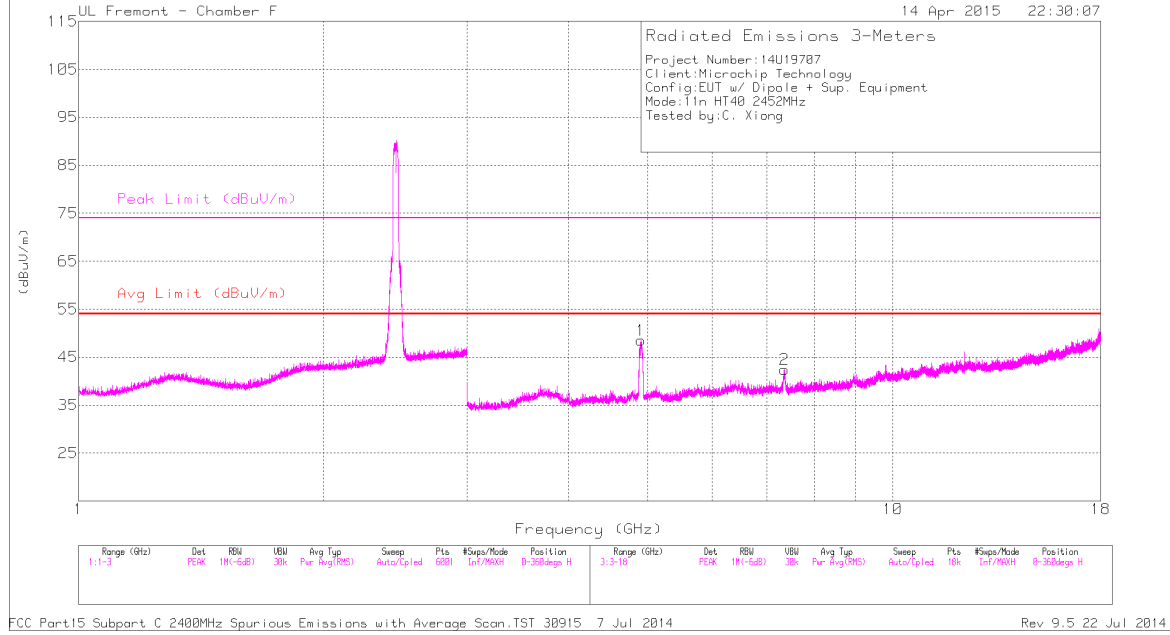
| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T120<br>(dB/m) | Amp/Cbl<br>/Filtr/Pad<br>(db) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|-------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 4.877                | 52.58                      | PK2  | 34.1              | -27.8                         | 0               | 58.88                                    | -                            | -              | 74                            | -15.12               | 122               | 341            | H        |
|        | * 4.876                | 41.03                      | MAv1 | 34.1              | -27.8                         | .25             | 47.58                                    | 54                           | -6.42          | -                             | -                    | 122               | 341            | H        |
| 2      | * 7.3                  | 43.17                      | PK2  | 35.7              | -26.3                         | 0               | 52.57                                    | -                            | -              | 74                            | -21.43               | 22                | 142            | H        |
|        | * 7.302                | 31.7                       | MAv1 | 35.7              | -26.3                         | .25             | 41.35                                    | 54                           | -12.65         | -                             | -                    | 22                | 142            | H        |
| 3      | 9.728                  | 36.05                      | PK2  | 37.1              | -22.5                         | 0               | 50.65                                    | -                            | -              | -                             | -                    | 77                | 119            | H        |
| 4      | * 12.2                 | 38.53                      | PK2  | 39                | -22.6                         | 0               | 54.93                                    | -                            | -              | 74                            | -19.07               | 266               | 310            | H        |
|        | * 12.194               | 26.93                      | MAv1 | 39                | -22.6                         | .25             | 43.58                                    | 54                           | -10.42         | -                             | -                    | 266               | 310            | H        |
| 5      | 3                      | 43.46                      | PK2  | 33.1              | -28.3                         | 0               | 48.26                                    | -                            | -              | -                             | -                    | 230               | 217            | V        |
| 6      | * 4.5                  | 42.23                      | PK2  | 33.9              | -28                           | 0               | 48.13                                    | -                            | -              | 74                            | -25.87               | 193               | 184            | V        |
|        | * 4.5                  | 35.86                      | MAv1 | 33.9              | -28                           | .25             | 42.01                                    | 54                           | -11.99         | -                             | -                    | 193               | 184            | V        |
| 8      | * 7.304                | 46.91                      | PK2  | 35.7              | -26.3                         | 0               | 56.31                                    | -                            | -              | 74                            | -17.69               | 42                | 203            | V        |
|        | * 7.305                | 35.31                      | MAv1 | 35.7              | -26.3                         | .25             | 44.96                                    | 54                           | -9.04          | -                             | -                    | 42                | 203            | V        |
| 9      | 9.748                  | 41.21                      | PK2  | 37.1              | -22.7                         | 0               | 55.61                                    | -                            | -              | -                             | -                    | 108               | 177            | V        |
| 10     | * 12.209               | 40.16                      | PK2  | 39                | -22.7                         | 0               | 56.46                                    | -                            | -              | 74                            | -17.54               | 66                | 359            | V        |
|        | * 12.19                | 27.28                      | MAv1 | 39                | -22.6                         | .25             | 43.93                                    | 54                           | -10.07         | -                             | -                    | 66                | 359            | V        |
| 7      | * 4.893                | 55.84                      | PK2  | 34.1              | -28.1                         | 0               | 61.84                                    | -                            | -              | 74                            | -12.16               | 284               | 207            | V        |
|        | * 4.875                | 44.49                      | MAv1 | 34.1              | -27.8                         | .25             | 51.04                                    | 54                           | -2.96          | -                             | -                    | 284               | 207            | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

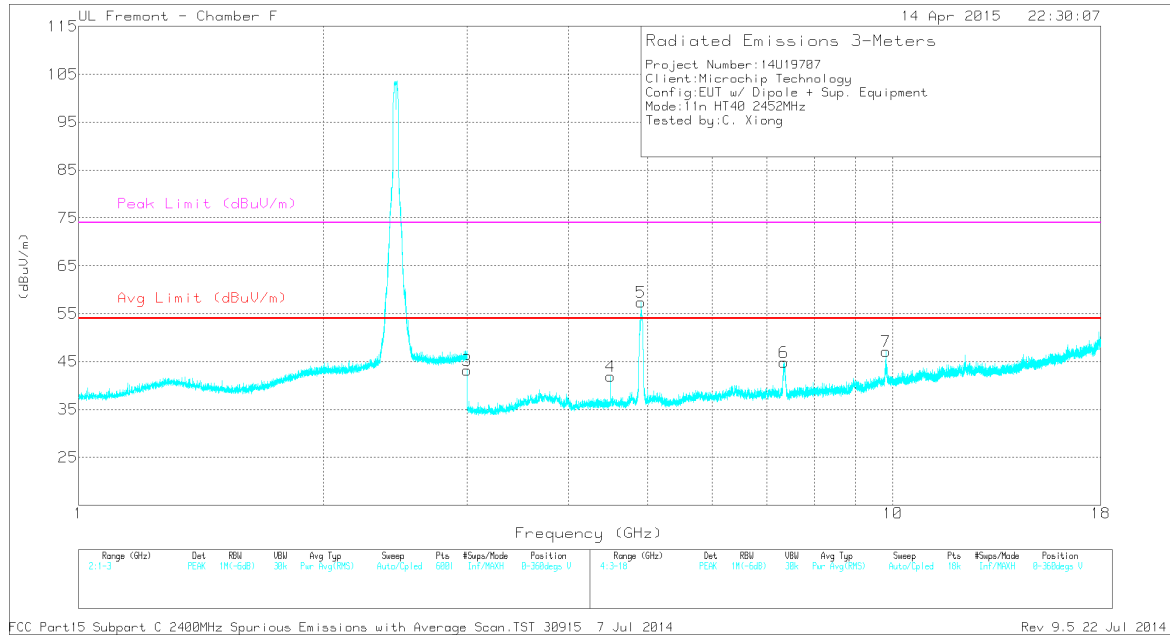
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### CHANNEL 13 HORIZONTAL PLOT



### CHANNEL 13 VERTICAL PLOT



## DATA

| Marker | Frequen<br>cy<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | AF T120<br>(dB/m) | Amp/Cbl<br>/Filtr/Pad<br>(db) | DC Corr<br>(dB) | Correcte<br>d<br>Reading<br>(dBuV/m<br>) | Avg<br>Limit<br>(dBuV/m<br>) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m<br>) | PK<br>Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|------------------------|----------------------------|------|-------------------|-------------------------------|-----------------|------------------------------------------|------------------------------|----------------|-------------------------------|----------------------|-------------------|----------------|----------|
| 1      | * 4.904                | 51.95                      | PK2  | 34.1              | -28.3                         | 0               | 57.75                                    | -                            | -              | 74                            | -16.25               | 102               | 230            | H        |
|        | * 4.902                | 40.09                      | MAv1 | 34.1              | -28.3                         | .25             | 46.14                                    | 54                           | -7.86          | -                             | -                    | 102               | 230            | H        |
| 2      | * 7.37                 | 40.57                      | PK2  | 35.7              | -26                           | 0               | 50.27                                    | -                            | -              | 74                            | -23.73               | 26                | 138            | H        |
|        | * 7.358                | 28.8                       | MAv1 | 35.7              | -26                           | .25             | 38.75                                    | 54                           | -15.25         | -                             | -                    | 26                | 138            | H        |
| 5      | * 4.906                | 58.2                       | PK2  | 34.1              | -28.4                         | 0               | 63.9                                     | -                            | -              | 74                            | -10.1                | 286               | 226            | V        |
|        | * 4.91                 | 46.72                      | MAv1 | 34.1              | -28.5                         | .25             | 52.57                                    | 54                           | -1.43          | -                             | -                    | 286               | 226            | V        |
| 3      | 3                      | 44.71                      | PK2  | 33.1              | -28.3                         | 0               | 49.51                                    | -                            | -              | -                             | -                    | 235               | 224            | V        |
| 4      | 4.5                    | 42.37                      | PK2  | 33.9              | -28                           | 0               | 48.27                                    | -                            | -              | 74                            | -25.73               | 194               | 184            | V        |
| 6      | * 7.356                | 43.08                      | PK2  | 35.7              | -26                           | 0               | 52.78                                    | -                            | -              | 74                            | -21.22               | 41                | 343            | V        |
|        | * 7.349                | 31.12                      | MAv1 | 35.7              | -26.1                         | .25             | 40.97                                    | 54                           | -13.03         | -                             | -                    | 41                | 343            | V        |
| 7      | 9.808                  | 39.91                      | PK2  | 37.2              | -22.8                         | 0               | 54.31                                    | -                            | -              | -                             | -                    | 96                | 273            | V        |

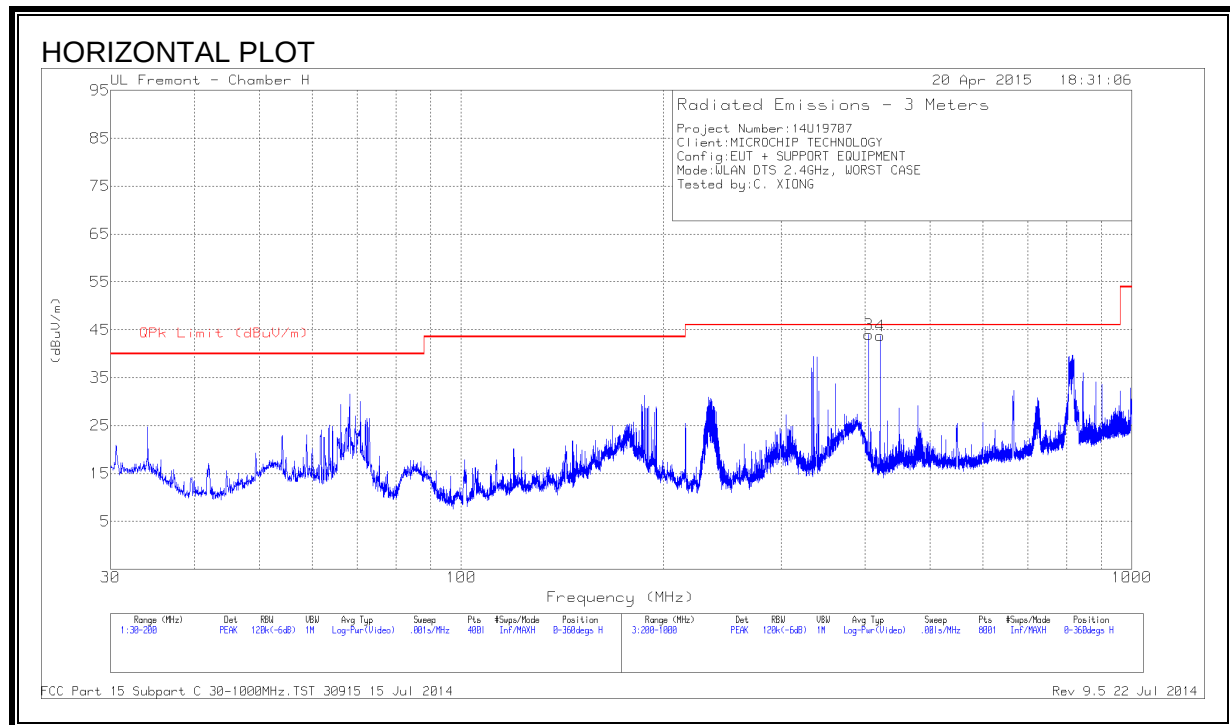
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

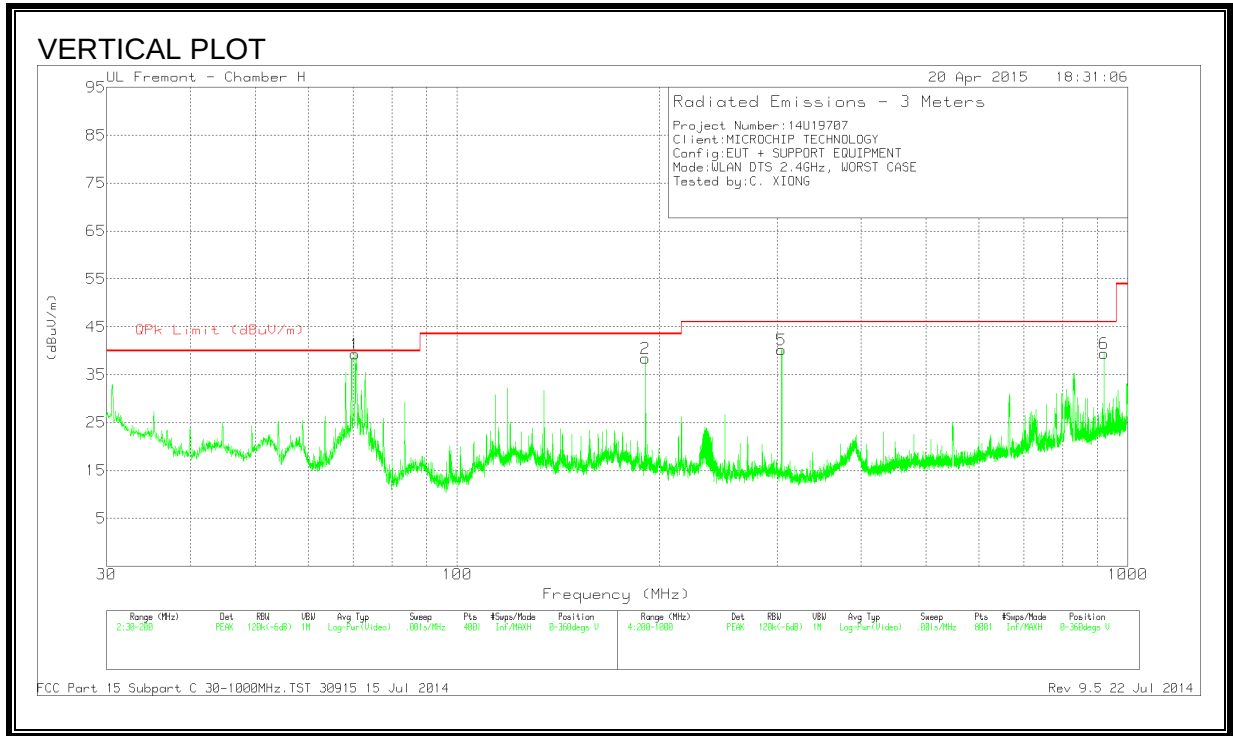
MAv1 - KDB558074 Option 1 Maximum RMS Average

## 10.6. WORST-CASE BELOW 1 GHz

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



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



**DATA**

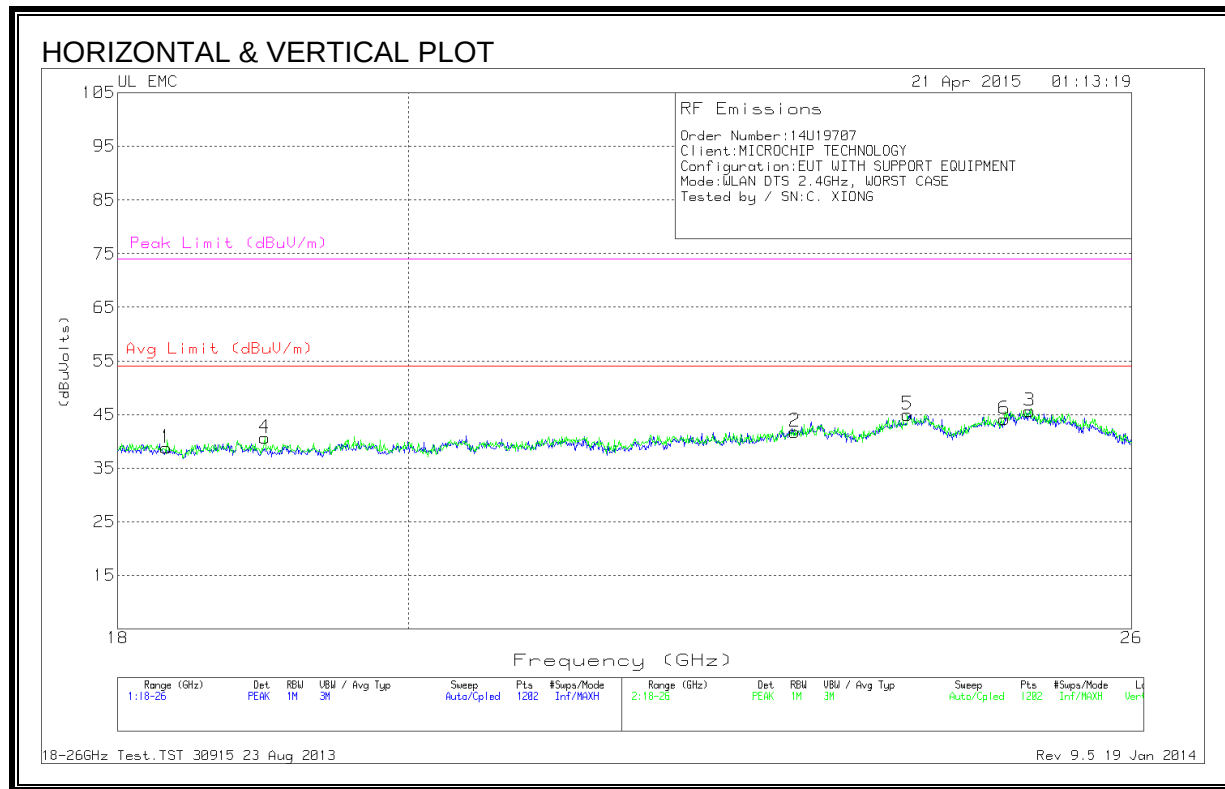
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF T900 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 3      | * 403.67        | 27.33                | QP  | 15.5           | -28.7        | 14.13                      | 46.02              | -31.89      | 1              | 102         | H        |
| 1      | 70.5468         | 49.17                | QP  | 8.5            | -30.8        | 26.87                      | 40                 | -13.13      | 1              | 101         | V        |
| 2      | 190.732         | 30.58                | QP  | 11.5           | -29.8        | 12.28                      | 43.52              | -31.24      | 1              | 104         | V        |
| 5      | 304.6982        | 28.43                | QP  | 13.4           | -29          | 12.83                      | 46.02              | -33.19      | 330            | 106         | V        |
| 4      | 421.2307        | 26.04                | QP  | 16.1           | -28.6        | 13.54                      | 46.02              | -32.48      | 1              | 246         | H        |
| 6      | 921.8448        | 24.66                | QP  | 22.2           | -26.2        | 20.66                      | 46.02              | -25.36      | 160            | 116         | V        |

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

QP - Quasi-Peak detector

## 10.7. WORST-CASE ABOVE 18 GHz

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



### HORIZONTAL AND VERTICAL DATA

| Marker | Frequenc<br>y<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det | T89 AF<br>(dB/m) | Amp/Cbl<br>(dB) | Dist Corr<br>(dB) | Corrected<br>Reading<br>(dBuVolts<br>) | Avg Limit<br>(dBuV/m) | Margin<br>(dB) | Peak<br>Limit<br>(dBuV/m) | PK<br>Margin<br>(dB) |
|--------|------------------------|----------------------------|-----|------------------|-----------------|-------------------|----------------------------------------|-----------------------|----------------|---------------------------|----------------------|
| 1      | 18.32                  | 41.03                      | PK  | 32.5             | -25.2           | -9.5              | 38.83                                  | 54                    | -15.16         | 74                        | -35.16               |
| 2      | 23.009                 | 42.03                      | PK  | 34               | -24.7           | -9.5              | 41.83                                  | 54                    | -12.16         | 74                        | -32.16               |
| 3      | 25.054                 | 44.57                      | PK  | 34.5             | -23.9           | -9.5              | 45.66                                  | 54                    | -8.33          | 74                        | -28.33               |
| 4      | 18.986                 | 42.07                      | PK  | 32.9             | -24.8           | -9.5              | 40.66                                  | 54                    | -13.33         | 74                        | -33.33               |
| 5      | 23.968                 | 44.1                       | PK  | 34.2             | -23.8           | -9.5              | 45                                     | 54                    | -9             | 74                        | -29                  |
| 6      | 24.828                 | 42.87                      | PK  | 34.5             | -23.7           | -9.5              | 44.16                                  | 54                    | -9.83          | 74                        | -29.83               |

PK - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

| Frequency of emission (MHz) | Conducted limit (dBµV) |           |
|-----------------------------|------------------------|-----------|
|                             | Quasi-peak             | Average   |
| 0.15-0.5                    | 66 to 56*              | 56 to 46* |
| 0.5-5                       | 56                     | 46        |
| 5-30                        | 60                     | 50        |

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

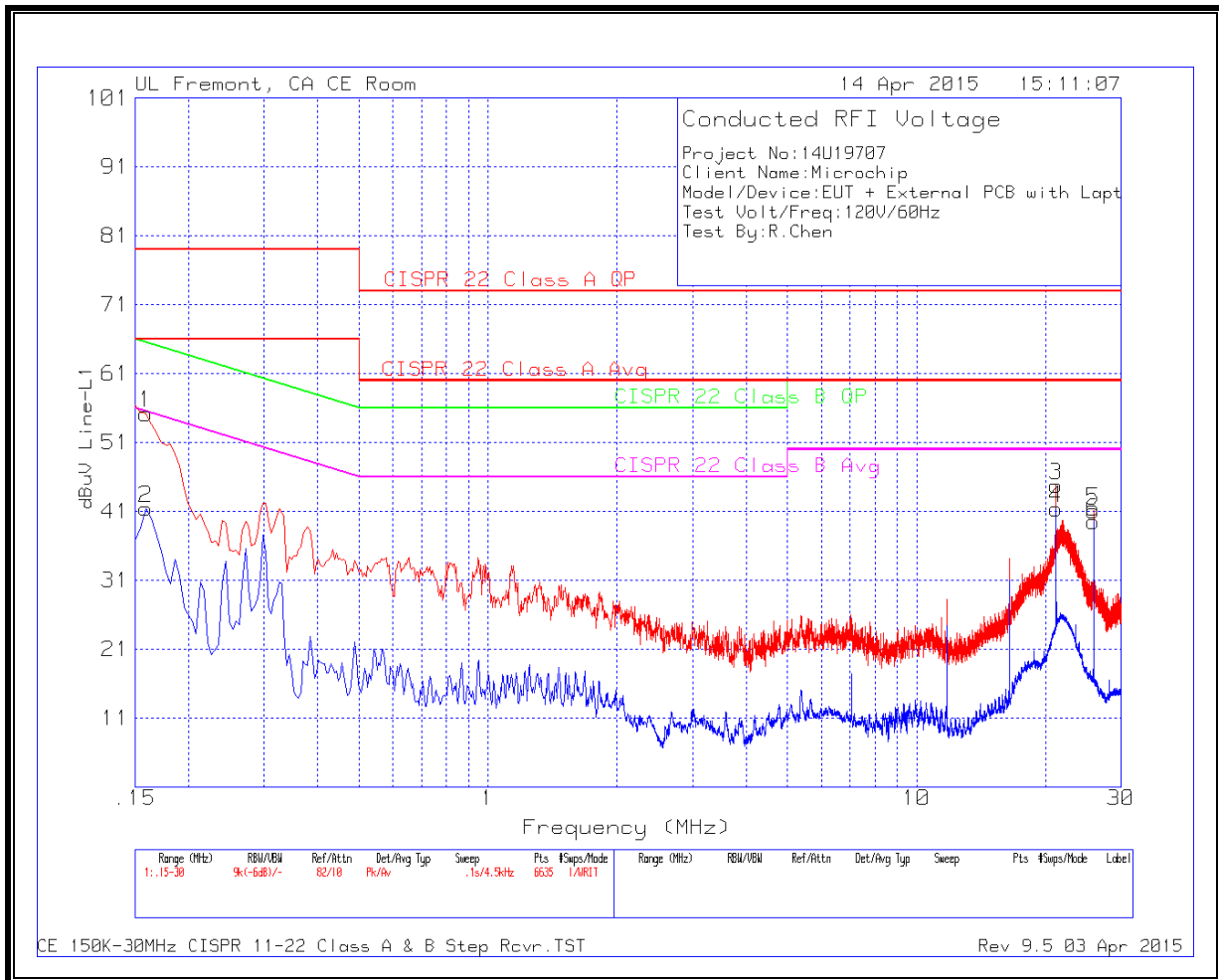
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

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

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

### RESULTS

## LINE 1 RESULTS

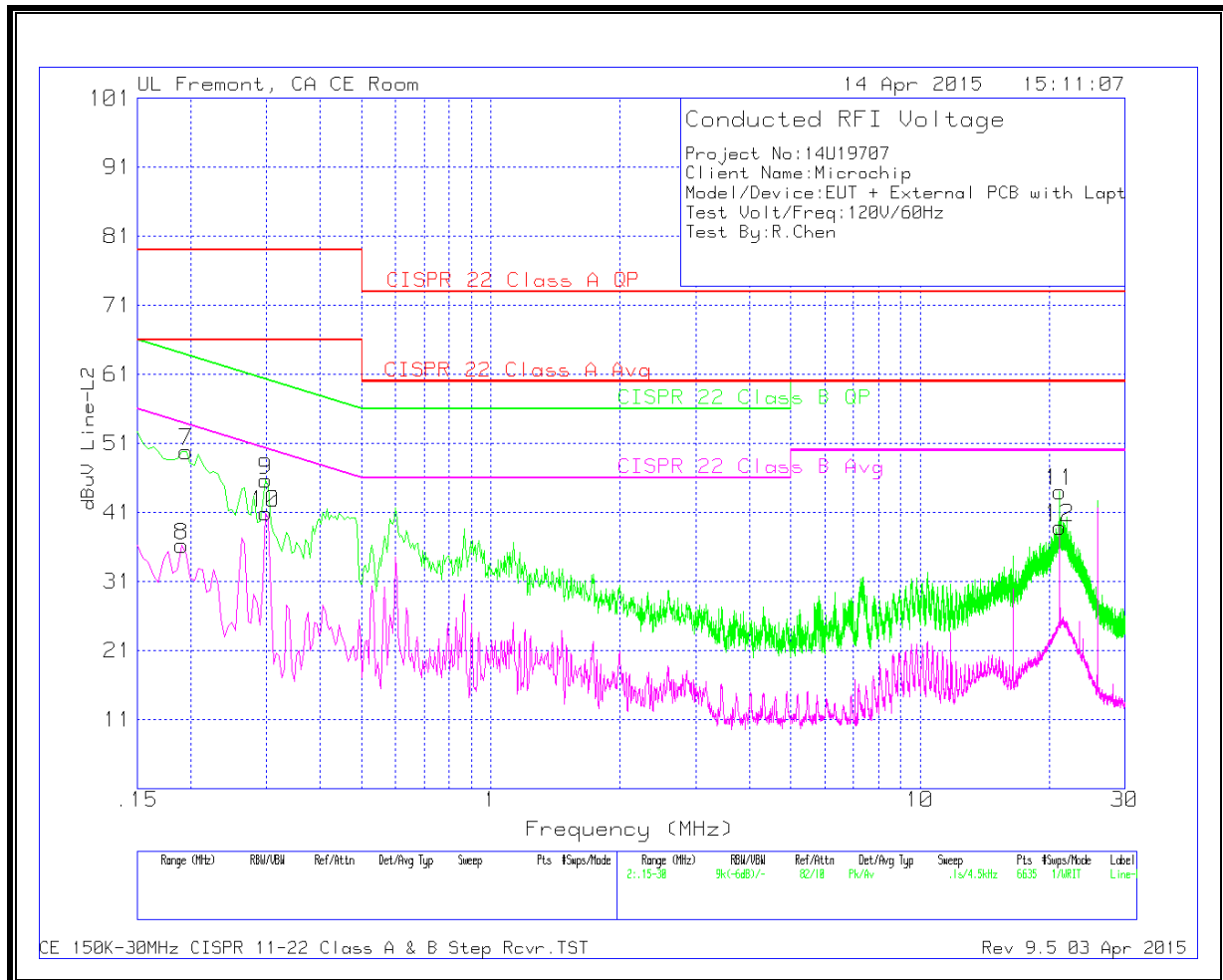


## WORST EMISSIONS

| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |           |               |                        |                     |             |                      |             |                     |             |                      |
|------------------------------|-----------------|----------------------|-----|-----------|---------------|------------------------|---------------------|-------------|----------------------|-------------|---------------------|-------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | T24 IL L1 | LC Cables 1&3 | Corrected Reading dBuV | CISPR 22 Class B QP | Margin (dB) | CISPR 22 Class B Avg | Margin (dB) | CISPR 22 Class A QP | Margin (dB) | CISPR 22 Class A Avg |
| 1                            | .159            | 53.94                | Pk  | 1.3       | 0             | 55.24                  | -                   | -           | 55.52                | -28         | 79                  | -23.76      | 66                   |
| 2                            | .159            | 40.15                | Av  | 1.3       | 0             | 41.45                  | 65.52               | -24.07      | 55.52                | -14.07      | 79                  | -37.55      | 66                   |
| 3                            | 21.1695         | 44.27                | Pk  | .3        | .2            | 44.77                  | -                   | -           | 50                   | -5.23       | 73                  | -28.23      | 60                   |
| 4                            | 21.1695         | 40.92                | Av  | .3        | .2            | 41.42                  | 60                  | -18.58      | 50                   | -8.58       | 73                  | -31.58      | 60                   |
| 5                            | 25.872          | 40.53                | Pk  | .3        | .3            | 41.13                  | -                   | -           | 50                   | -8.87       | 73                  | -31.87      | 60                   |
| 6                            | 25.872          | 38.95                | Av  | .3        | .3            | 39.55                  | 60                  | -20.45      | 50                   | -10.45      | 73                  | -33.45      | 60                   |

Pk - Peak detector  
Av - Average detection

## LINE 2 RESULTS



## WORST EMISSIONS

| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |           |               |                        |                     |             |                      |             |                     |             |                      |             |
|------------------------------|-----------------|----------------------|-----|-----------|---------------|------------------------|---------------------|-------------|----------------------|-------------|---------------------|-------------|----------------------|-------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | T24 IL L2 | LC Cables 2&3 | Corrected Reading dBuV | CISPR 22 Class B QP | Margin (dB) | CISPR 22 Class B Avg | Margin (dB) | CISPR 22 Class A QP | Margin (dB) | CISPR 22 Class A Avg | Margin (dB) |
| 7                            | .195            | 48.84                | Pk  | 1         | 0             | 49.84                  | -                   | -           | 53.82                | -3.98       | 79                  | -29.16      | 66                   | -16.16      |
| 8                            | .1905           | 35.13                | Av  | 1.1       | 0             | 36.23                  | 64.01               | -27.78      | 54.01                | -17.78      | 79                  | -42.77      | 66                   | -29.77      |
| 9                            | .2985           | 45.09                | Pk  | .6        | 0             | 45.69                  | -                   | -           | 50.28                | -4.59       | 79                  | -33.31      | 66                   | -20.31      |
| 10                           | .2985           | 40.33                | Av  | .6        | 0             | 40.93                  | 60.28               | -19.35      | 50.28                | -9.35       | 79                  | -38.07      | 66                   | -25.07      |
| 11                           | 21.1695         | 43.54                | Pk  | .3        | .2            | 44.04                  | -                   | -           | 50                   | -5.96       | 73                  | -28.96      | 60                   | -15.96      |
| 12                           | 21.1695         | 38.39                | Av  | .3        | .2            | 38.89                  | 60                  | -21.11      | 50                   | -11.11      | 73                  | -34.11      | 60                   | -21.11      |

Pk - Peak detector

Av - Average detection

CE 150K-30MHz CISPR 11-22 Class A & B Step Rcvr.TST

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