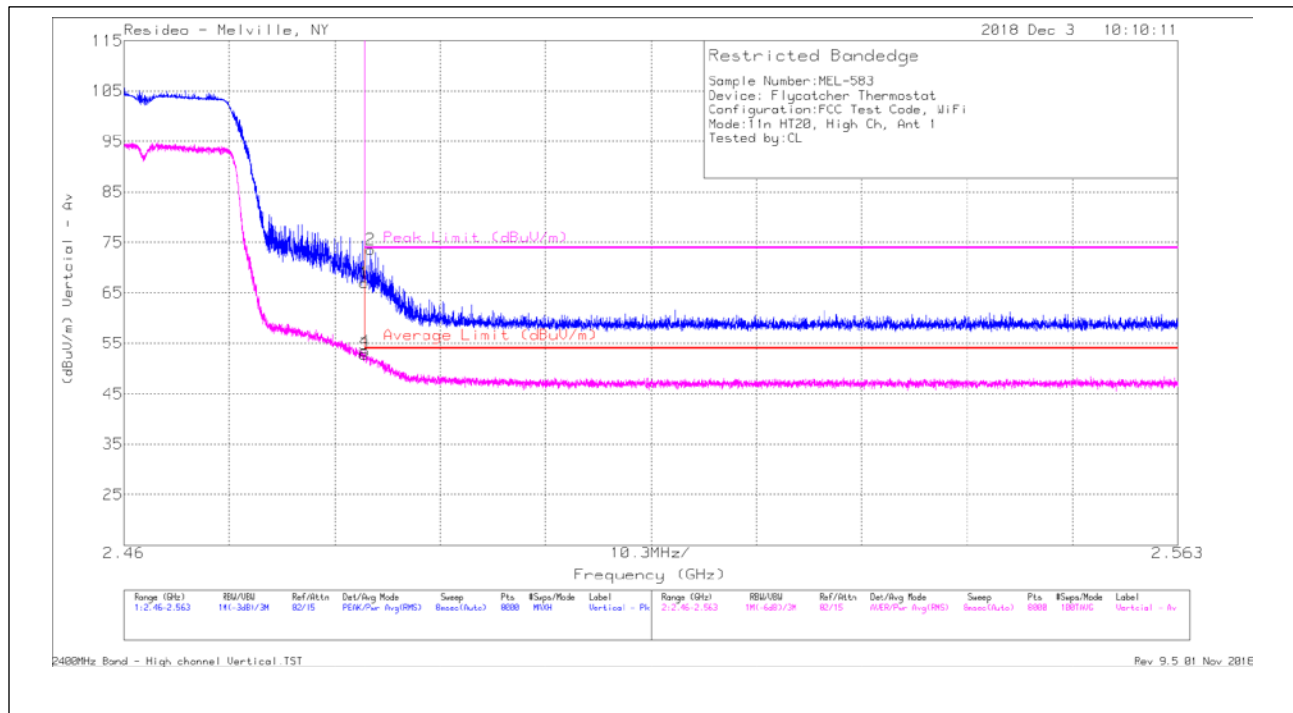




Antenna 1: High Channel Vertical - Plot

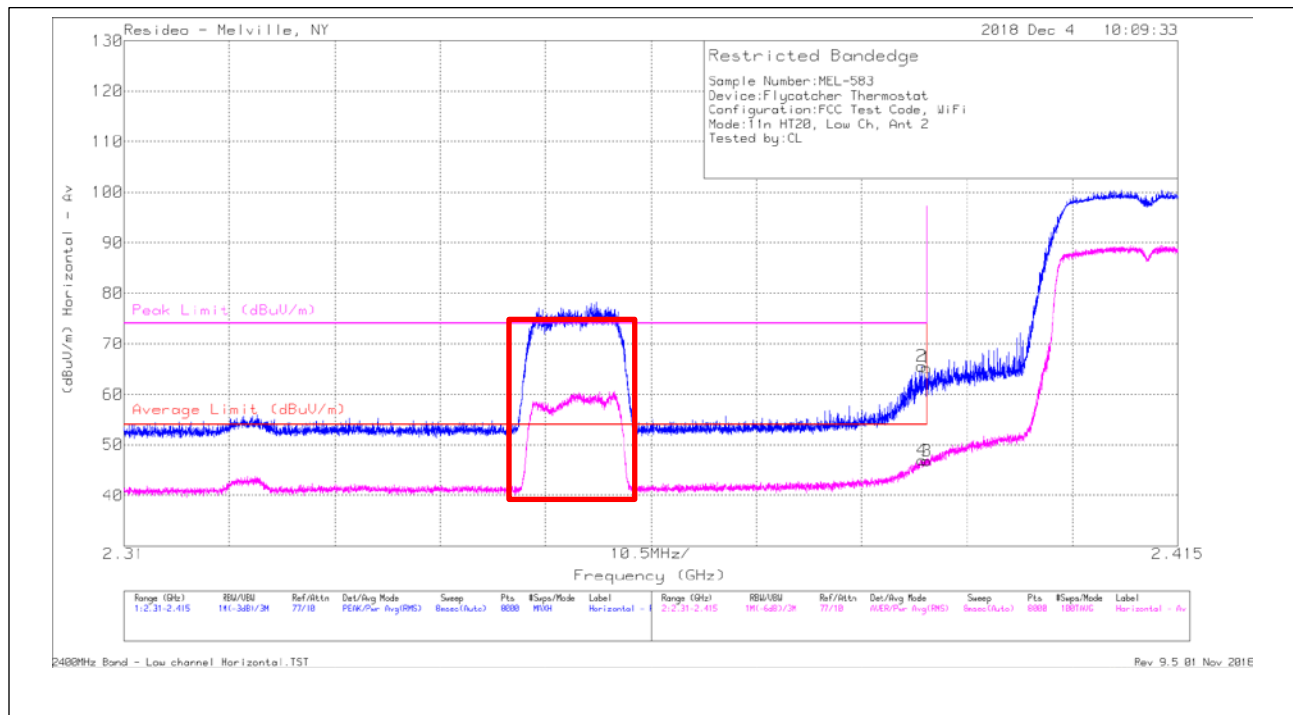
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 32.36                | Pk  | 28.7      | .7          | 2.6       | 2.6       | 66.96                      | -                      | -           | 74                  | -7.04          | 125            | 181         | V        |
| 2      | * 2.484         | 38.92                | Pk  | 28.7      | .7          | 2.6       | 2.6       | 73.52                      | -                      | -           | 74                  | -4.8           | 125            | 181         | V        |
| 3      | * 2.484         | 18.25                | RMS | 28.7      | .7          | 2.6       | 2.6       | 52.85                      | 54                     | -1.15       | -                   | -              | 125            | 181         | V        |
| 4      | * 2.484         | 18.8                 | RMS | 28.7      | .7          | 2.6       | 2.6       | 53.4                       | 54                     | -6          | -                   | -              | 125            | 181         | V        |

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: Low Channel Horizontal - Plot

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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          | 30.92                | Pk  | 28.5      | .7          | 2.6       | 2.5       | 65.22                      | -                      | -           | 74                  | -8.78          | 194            | 329         | H        |
| 2      | * 2.39          | 31.25                | Pk  | 28.5      | .7          | 2.6       | 2.5       | 65.55                      | -                      | -           | 74                  | -8.45          | 194            | 329         | H        |
| 3      | * 2.39          | 12.6                 | RMS | 28.5      | .7          | 2.6       | 2.5       | 46.9                       | 54                     | -7.1        | -                   | -              | 194            | 329         | H        |
| 4      | * 2.39          | 12.65                | RMS | 28.5      | .7          | 2.6       | 2.5       | 46.95                      | 54                     | -7.05       | -                   | -              | 194            | 329         | H        |

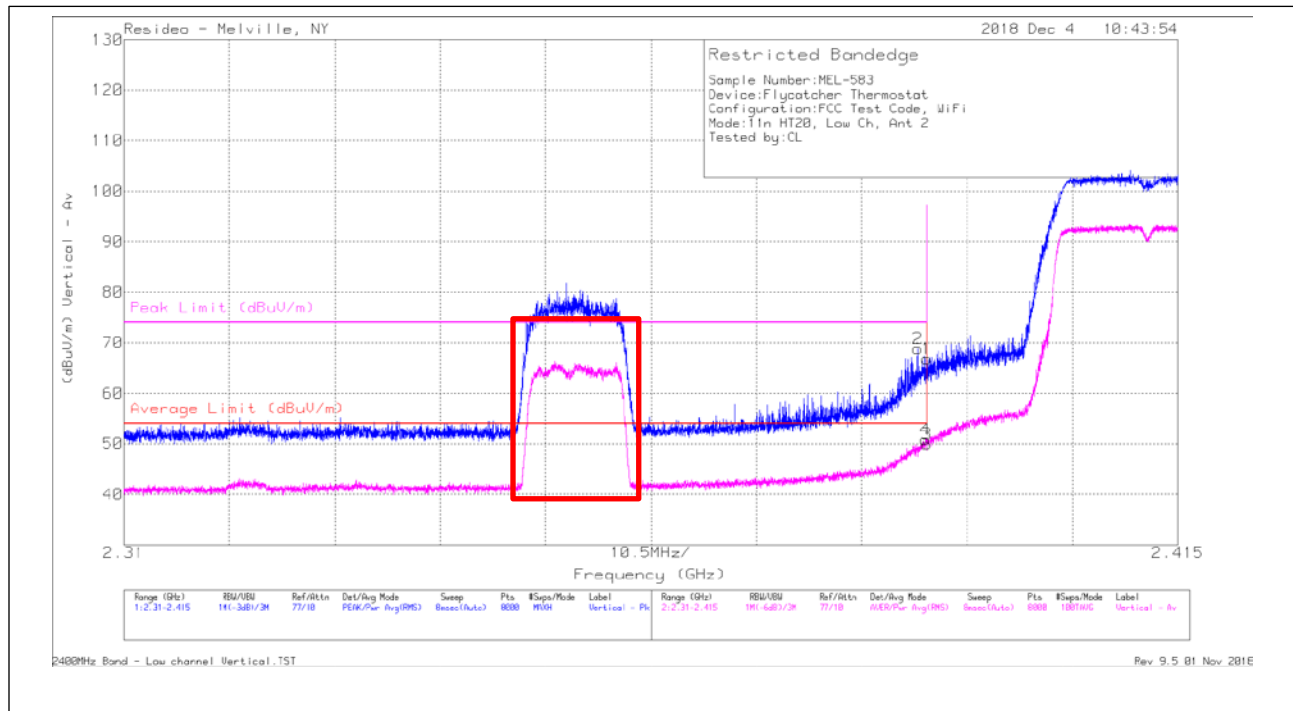
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: Low Channel Vertical - Plot

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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          | 32.53                | Pk  | 28.5      | .7          | 2.6       | 2.5       | 66.83                      | -                      | -           | 74                  | -7.17          | 52             | 376         | V        |
| 2      | * 2.389         | 34.56                | Pk  | 28.5      | .7          | 2.6       | 2.5       | 68.86                      | -                      | -           | 74                  | -5.14          | 52             | 376         | V        |
| 3      | * 2.39          | 15.67                | RMS | 28.5      | .7          | 2.6       | 2.5       | 49.97                      | 54                     | -4.03       | -                   | -              | 52             | 376         | V        |
| 4      | * 2.39          | 16.57                | RMS | 28.5      | .7          | 2.6       | 2.5       | 50.87                      | 54                     | -3.13       | -                   | -              | 52             | 376         | V        |

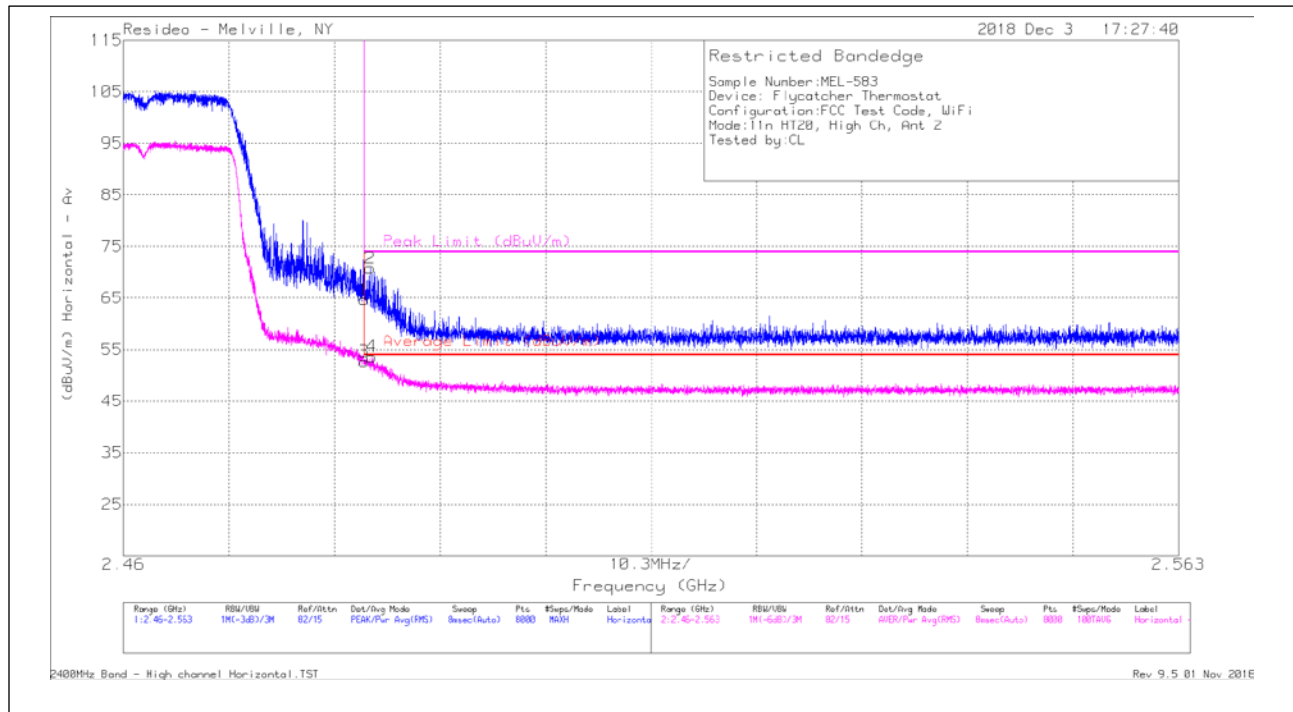
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: High Channel Horizontal - Plot

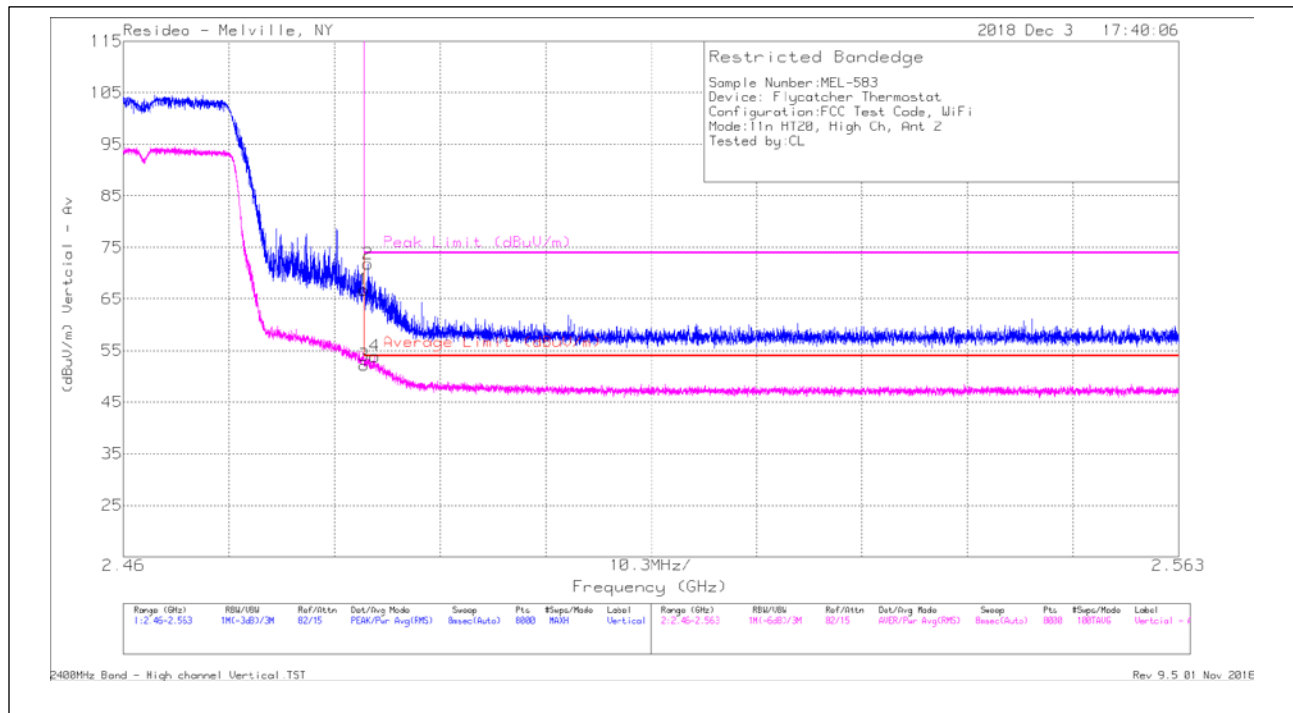
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.484         | 30.09                | Pk  | 28.7      | .7          | 2.6       | 2.6       | 64.69                      | -                      | -           | 74                  | -9.31          | 319            | 356         | H        |
| 2      | * 2.484         | 36.17                | Pk  | 28.7      | .7          | 2.6       | 2.6       | 70.77                      | -                      | -           | 74                  | -3.23          | 319            | 356         | H        |
| 3      | * 2.484         | 18.06                | RMS | 28.7      | .7          | 2.6       | 2.6       | 52.66                      | 54                     | -1.34       | -                   | -              | 319            | 356         | H        |
| 4      | * 2.484         | 19.02                | RMS | 28.7      | .7          | 2.6       | 2.6       | 53.62                      | 54                     | -.38        | -                   | -              | 319            | 356         | H        |

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: High Channel Vertical - Plot

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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         | 32.24                | Pk  | 28.7      | .7          | 2.6       | 2.6       | 66.84                      | -                      | -           | 74                  | -7.16          | 120            | 308         | V        |
| 2      | * 2.484         | 37.21                | Pk  | 28.7      | .7          | 2.6       | 2.6       | 71.81                      | -                      | -           | 74                  | -2.19          | 120            | 308         | V        |
| 3      | * 2.484         | 17.55                | RMS | 28.7      | .7          | 2.6       | 2.6       | 52.15                      | 54                     | -1.85       | -                   | -              | 120            | 308         | V        |
| 4      | * 2.485         | 19.31                | RMS | 28.7      | .7          | 2.6       | 2.6       | 53.91                      | 54                     | -.09        | -                   | -              | 120            | 308         | V        |

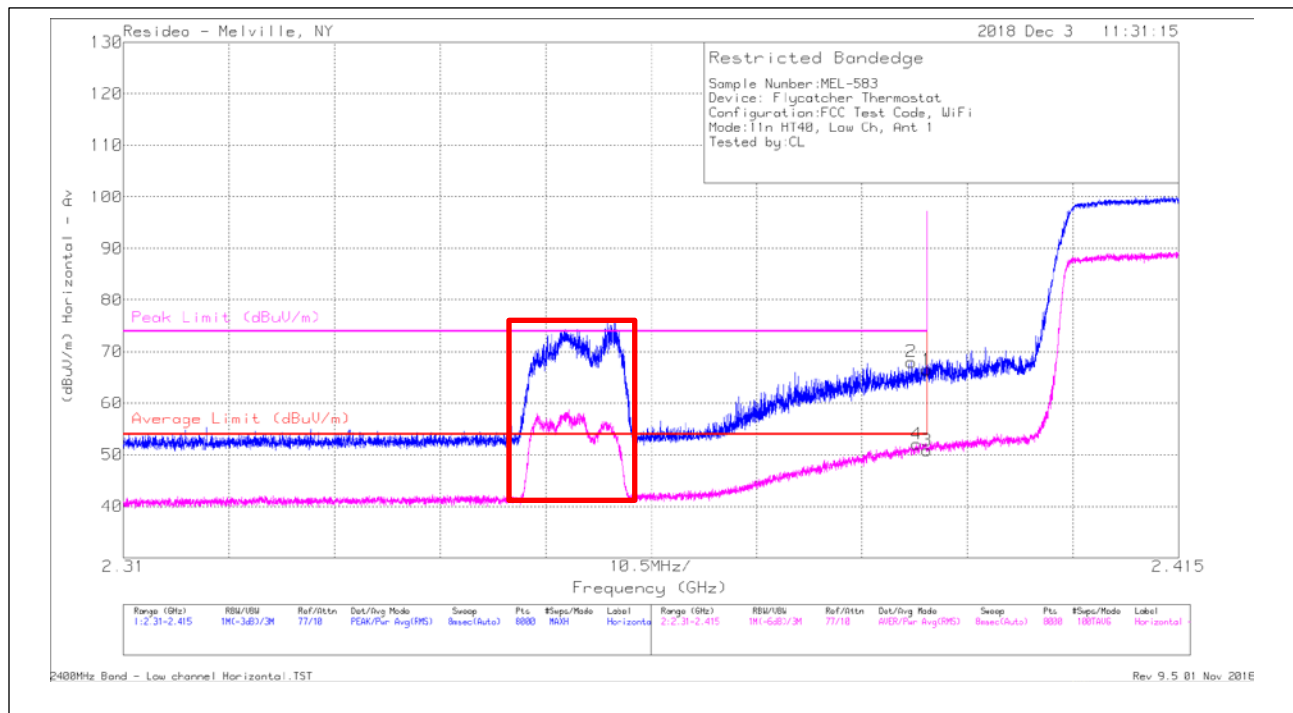
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Data

**Restricted Band Edge – 802.11n HT40 Mode**



Antenna 1: Low Channel Horizontal – Plot

| Frequency (GHz) | Meter Reading (dBUV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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 |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.39          | 32.18                | Pk  | 28.5      | .7          | 2.6       | 2.5       | -            | 66.48                      | -                      | -           | 74                  | -7.52          | 148            | 133         | H        |
| * 2.388         | 33.74                | Pk  | 28.5      | .7          | 2.6       | 2.5       | -            | 68.04                      | -                      | -           | 74                  | -5.96          | 148            | 133         | H        |
| * 2.39          | 16.53                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 50.93                      | 54                     | -3.07       | -                   | -              | 148            | 133         | H        |
| * 2.389         | 17.76                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 52.16                      | 54                     | -1.84       | -                   | -              | 148            | 133         | H        |

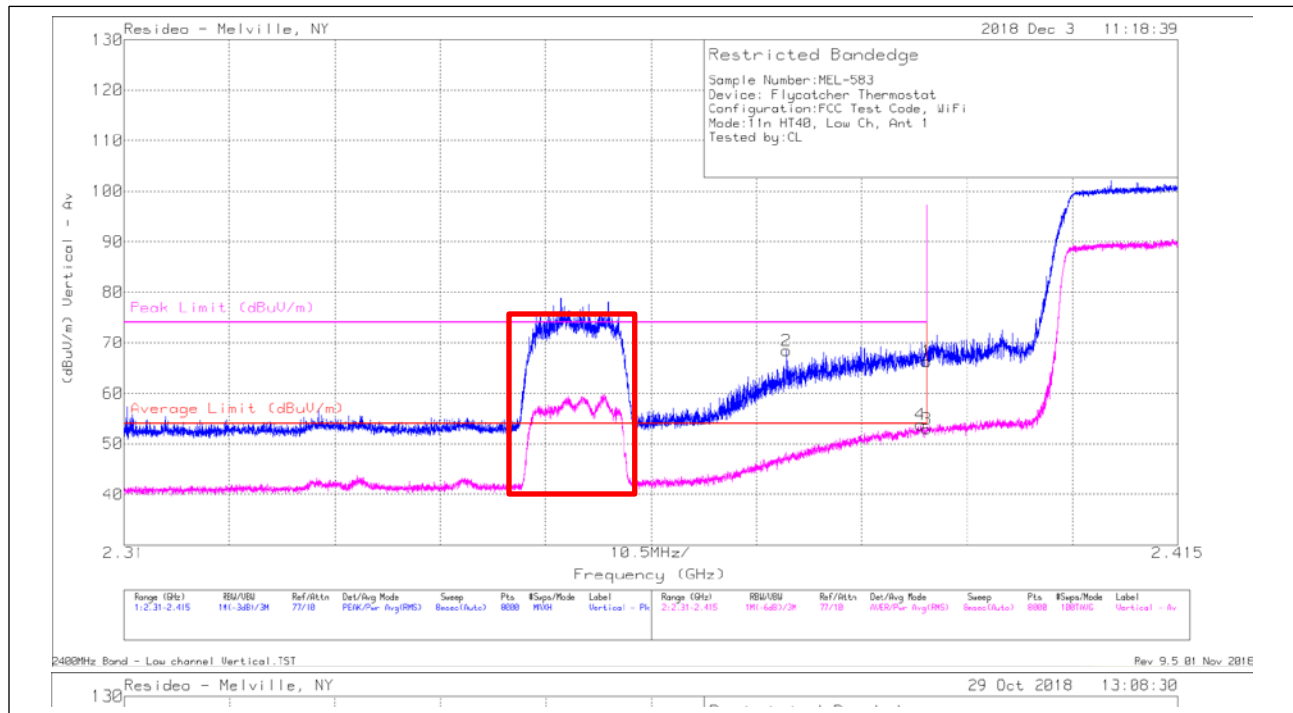
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 1: Low Channel Vertical - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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 |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.39          | 32.08                | Pk  | 28.5      | .7          | 2.6       | 2.5       | -            | 66.38                      | -                      | -           | 74                  | -7.62          | 39             | 107         | V        |
| * 2.376         | 34.29                | Pk  | 28.4      | .7          | 2.6       | 2.5       | -            | 68.49                      | -                      | -           | 74                  | -5.51          | 39             | 107         | V        |
| * 2.39          | 18.59                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 52.99                      | 54                     | -1.01       | -                   | -              | 39             | 107         | V        |
| * 2.389         | 19.5                 | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 53.9                       | 54                     | -1          | -                   | -              | 39             | 107         | V        |

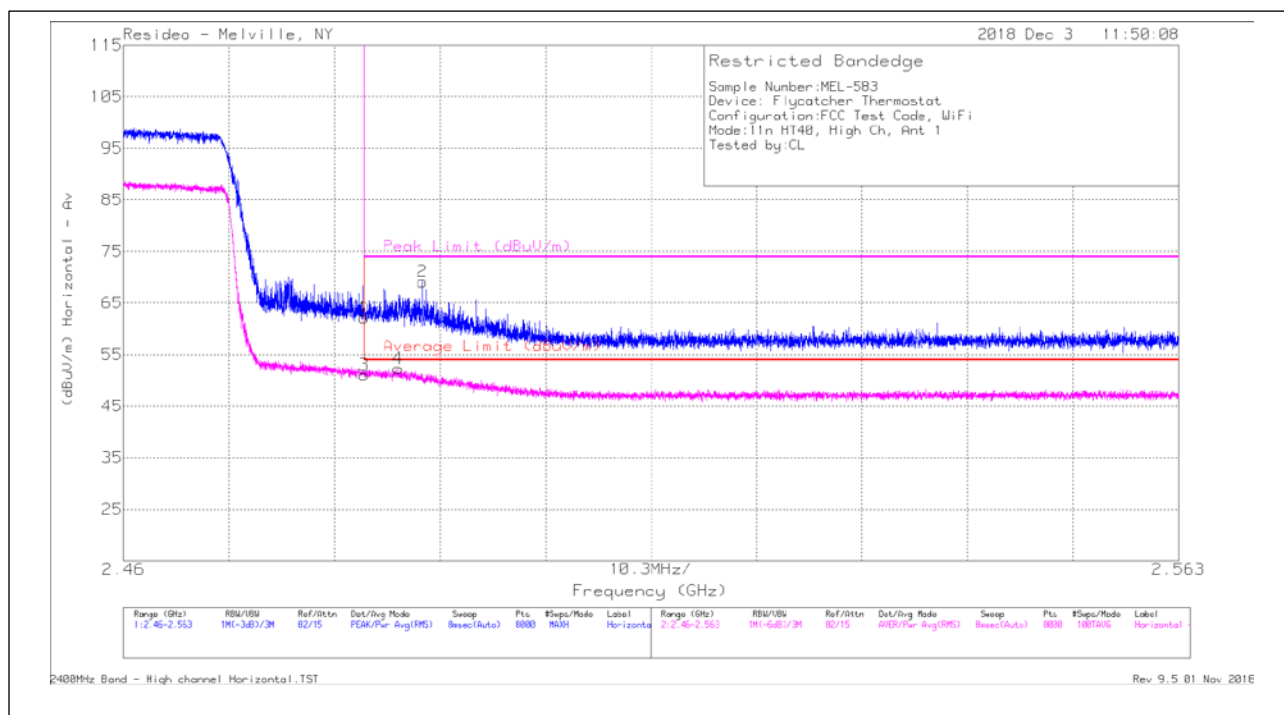
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 1: High Channel Horizontal - Plot

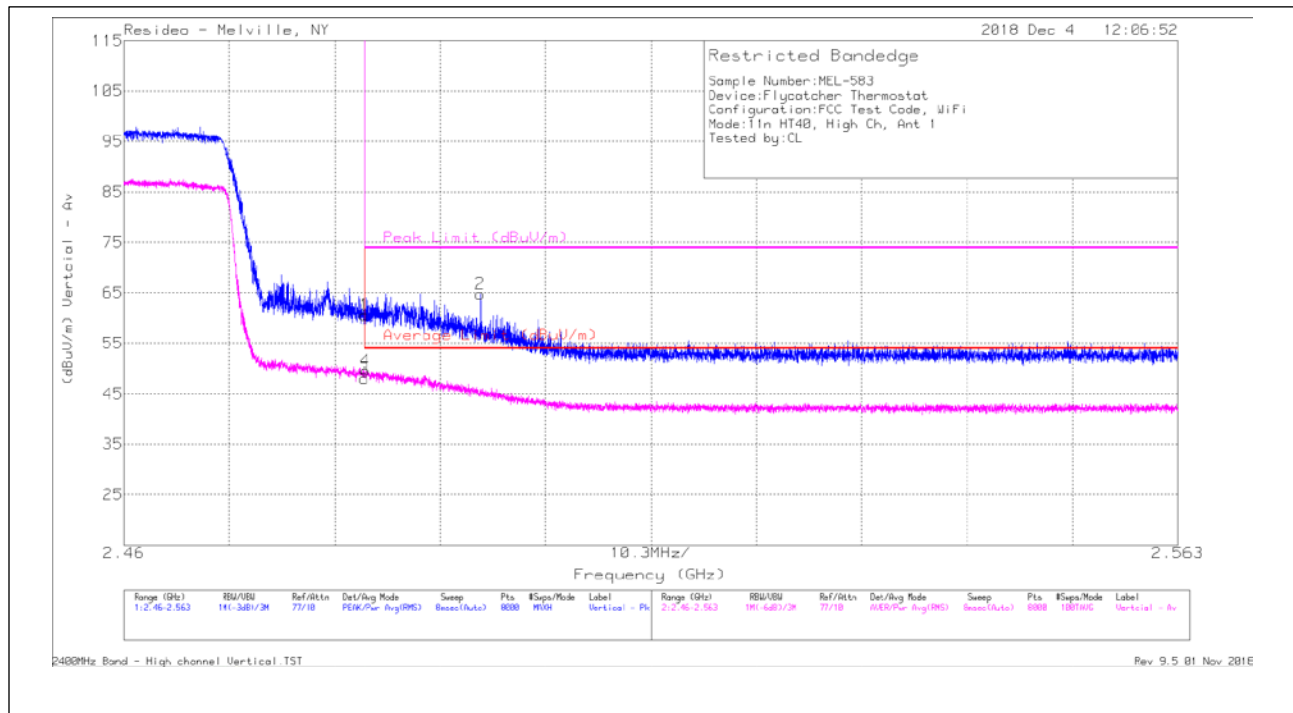
| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.484         | 27.59                | Pk  | 28.7      | .7          | 2.6       | 2.6       | -            | 62.19                      | -                      | -           | 74                  | -11.81         | 169            | 168         | H        |
| * 2.489         | 34.54                | Pk  | 28.7      | .7          | 2.6       | 2.6       | -            | 69.14                      | -                      | -           | 74                  | -4.86          | 169            | 168         | H        |
| * 2.484         | 16.48                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 51.18                      | 54                     | -2.82       | -                   | -              | 169            | 168         | H        |
| * 2.487         | 17.67                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 52.37                      | 54                     | -1.63       | -                   | -              | 169            | 168         | H        |

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 1: High Channel Vertical - Plot

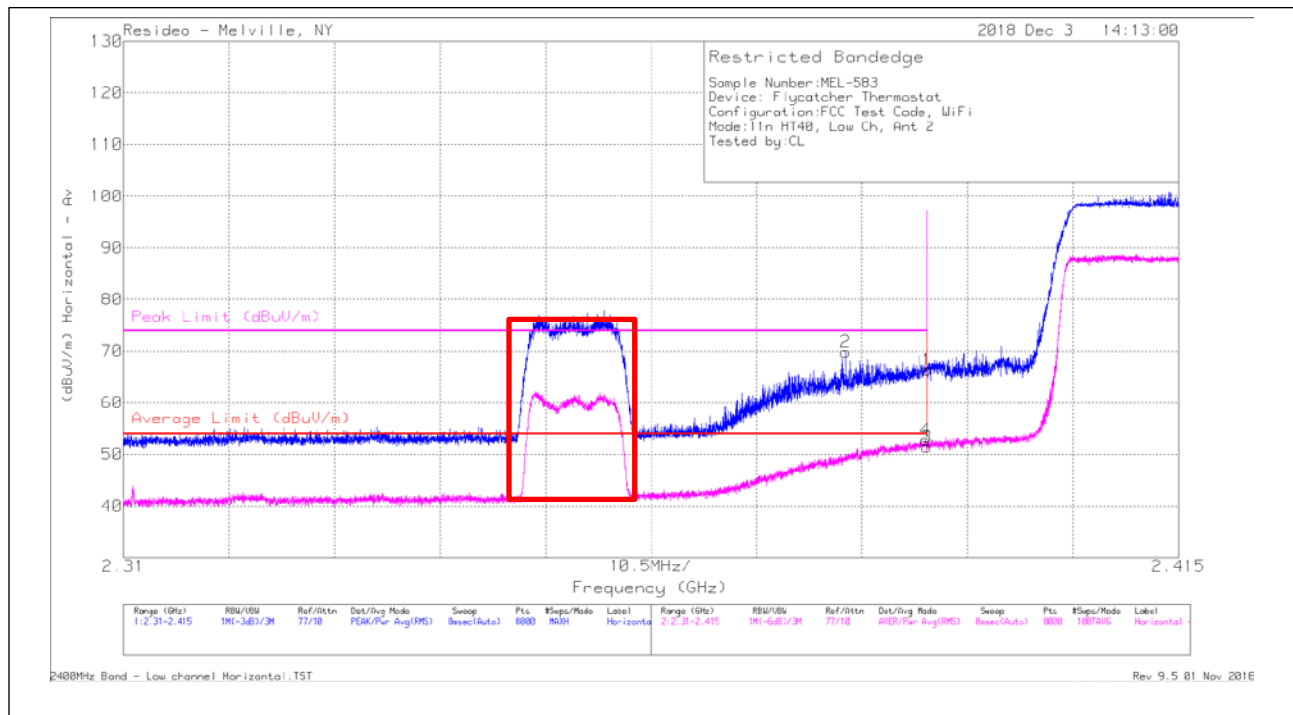
| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.484         | 25.99                | Pk  | 28.7      | .7          | 2.6       | 2.6       | -            | 60.59                      | -                      | -           | 74                  | -13.41         | 129            | 163         | V        |
| * 2.495         | 30.11                | Pk  | 28.7      | .7          | 2.7       | 2.6       | -            | 64.81                      | -                      | -           | 74                  | -9.19          | 129            | 163         | V        |
| * 2.484         | 13.42                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 48.12                      | 54                     | -5.88       | -                   | -              | 129            | 163         | V        |
| * 2.484         | 14.96                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 49.66                      | 54                     | -4.34       | -                   | -              | 129            | 163         | V        |

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: Low Channel Horizontal - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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 |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.39          | 32.01                | Pk  | 28.5      | .7          | 2.6       | 2.5       | -            | 66.31                      | -                      | -           | 74                  | -7.69          | 314            | 391         | H        |
| * 2.382         | 35.62                | Pk  | 28.4      | .7          | 2.6       | 2.5       | -            | 69.82                      | -                      | -           | 74                  | -4.18          | 314            | 391         | H        |
| * 2.39          | 17.13                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 51.53                      | 54                     | -2.47       | -                   | -              | 314            | 391         | H        |
| * 2.39          | 18.48                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 52.88                      | 54                     | -1.12       | -                   | -              | 314            | 391         | H        |

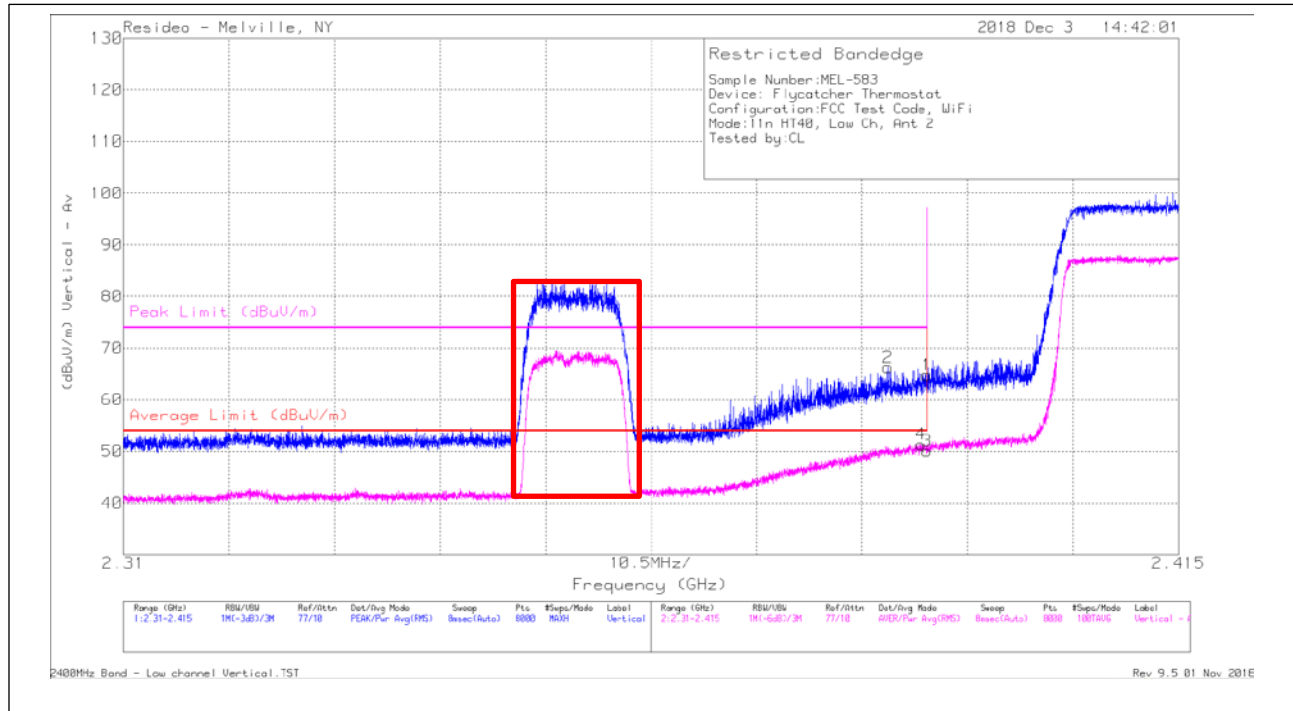
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: Low Channel Vertical - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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 |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.39          | 30.47                | Pk  | 28.5      | .7          | 2.6       | 2.5       | -            | 64.77                      | -                      | -           | 74                  | -9.23          | 110            | 376         | V        |
| * 2.386         | 31.94                | Pk  | 28.5      | .7          | 2.6       | 2.5       | -            | 66.24                      | -                      | -           | 74                  | -7.76          | 110            | 376         | V        |
| * 2.39          | 15.76                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 50.16                      | 54                     | -3.84       | -                   | -              | 110            | 376         | V        |
| * 2.389         | 17.05                | RMS | 28.5      | .7          | 2.6       | 2.5       | 0.1          | 51.45                      | 54                     | -2.55       | -                   | -              | 110            | 376         | V        |

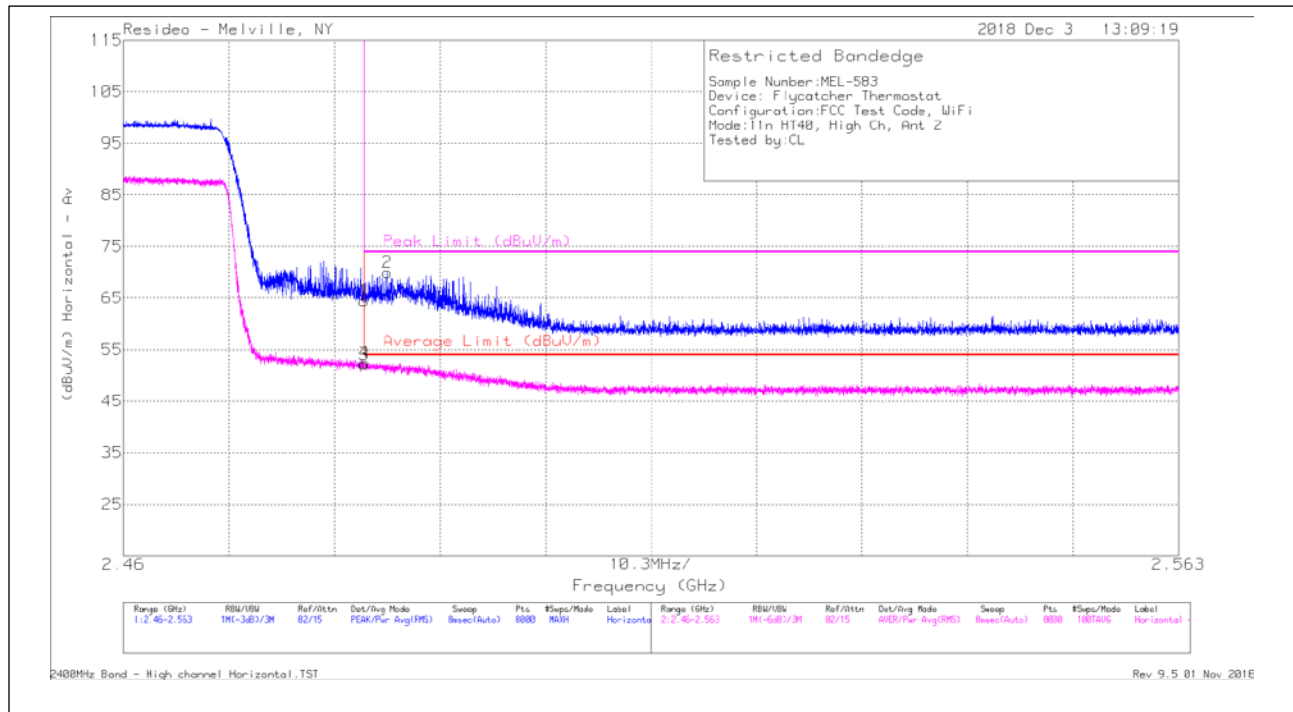
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

NOTE: Emissions highlighted in the plot above is OATS ambient and not a product of the transmitter.

Data



Antenna 2: High Channel Horizontal - Plot

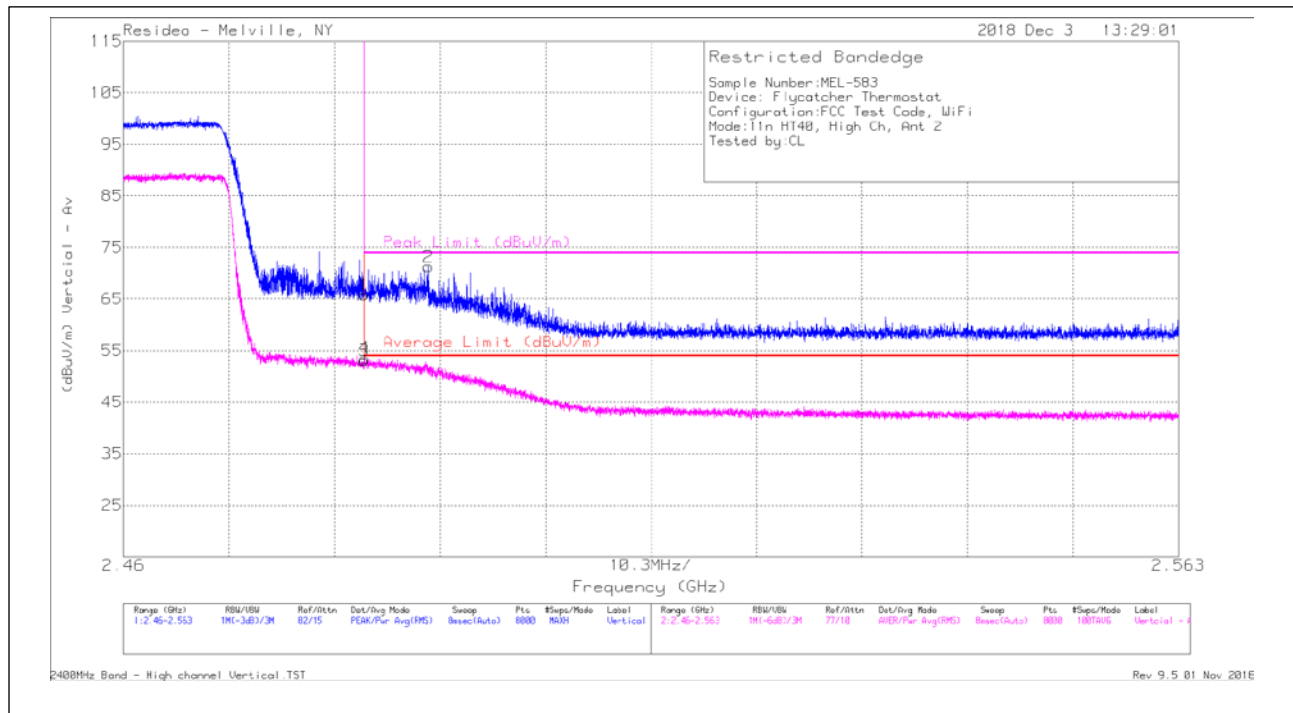
| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.484         | 29.9                 | Pk  | 28.7      | .7          | 2.6       | 2.6       | -            | 64.5                       | -                      | -           | 74                  | -9.5           | 322            | 362         | H        |
| * 2.486         | 35.33                | Pk  | 28.7      | .7          | 2.6       | 2.6       | -            | 69.93                      | -                      | -           | 74                  | -4.07          | 322            | 362         | H        |
| * 2.484         | 17.55                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 52.25                      | 54                     | -1.75       | -                   | -              | 322            | 362         | H        |
| * 2.484         | 17.86                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 52.56                      | 54                     | -1.44       | -                   | -              | 322            | 362         | H        |

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

Pk - Peak detector

RMS - RMS detection

Data



Antenna 2: High Channel Vertical - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SWBOX3 [dB] | SMA7 [dB] | SMA5 [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 |
|-----------------|----------------------|-----|-----------|-------------|-----------|-----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.484         | 31.21                | Pk  | 28.7      | .7          | 2.6       | 2.6       | -            | 65.81                      | -                      | -           | 74                  | -8.19          | 122            | 293         | V        |
| * 2.49          | 36.53                | Pk  | 28.7      | .7          | 2.7       | 2.6       | -            | 71.23                      | -                      | -           | 74                  | -2.77          | 122            | 293         | V        |
| * 2.484         | 18.49                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 53.19                      | 54                     | -81         | -                   | -              | 122            | 293         | V        |
| * 2.484         | 18.93                | RMS | 28.7      | .7          | 2.6       | 2.6       | 0.1          | 53.63                      | 54                     | -37         | -                   | -              | 122            | 293         | V        |

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

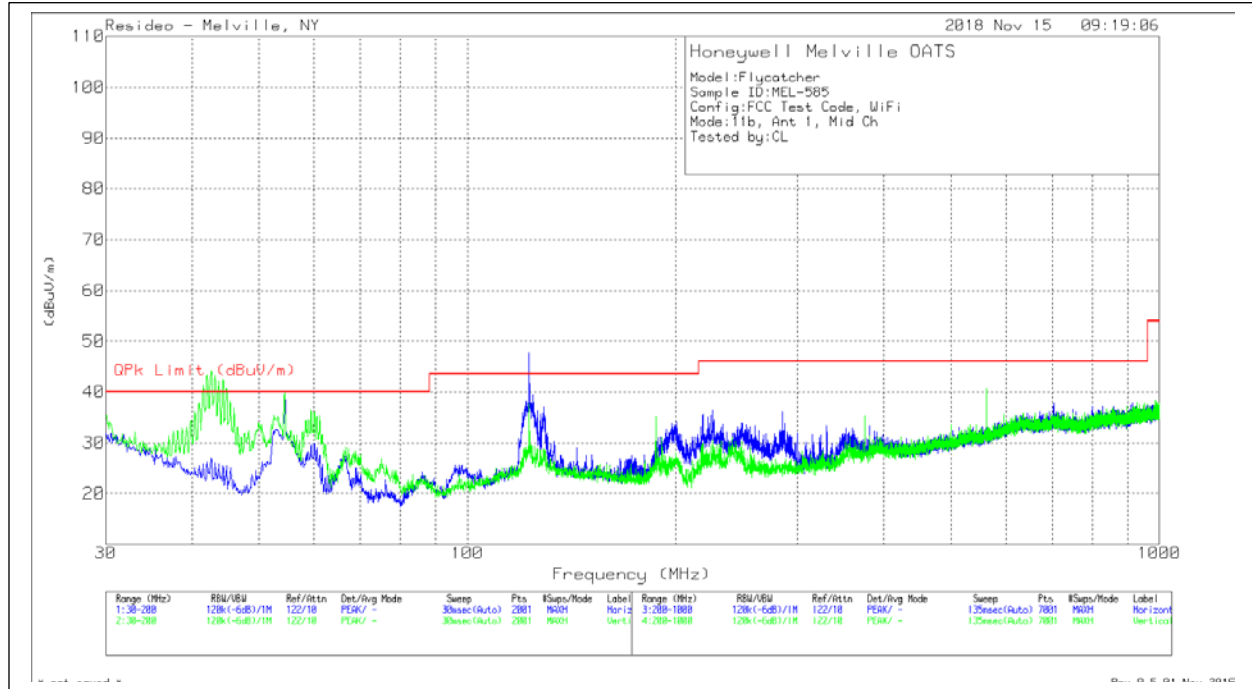
Pk - Peak detector

RMS - RMS detection

Data

## Spurious Emissions

### Below 1GHz (Worse-case, 802.11b Mode)



Mid Channel - Plot

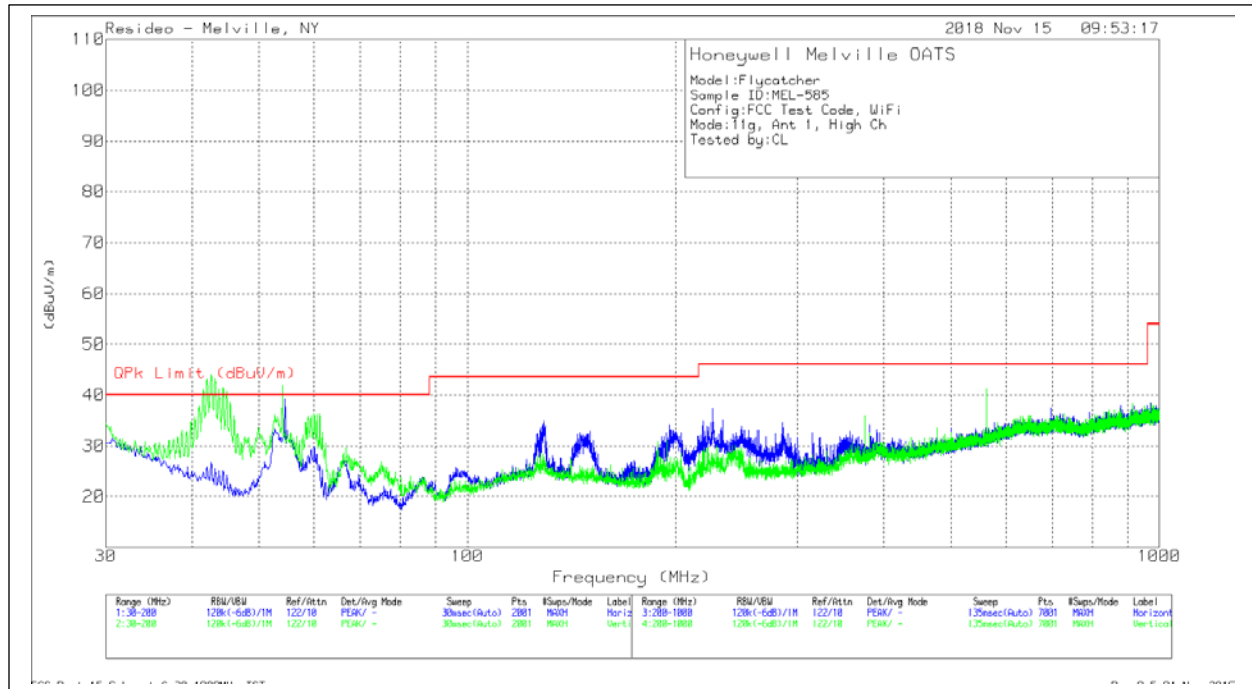
| Frequency (MHz) | Meter Reading (dBuV) | Det | AF_JB6 [dB/m] | Cable 1 [dB] | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|---------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 54.6283         | 14.95                | Qp  | 12.1          | 1.1          | 28.15                      | 40                 | -11.85      | 69             | 364         | H        |
| * 122.735       | 7.96                 | Qp  | 17.6          | 1.8          | 27.36                      | 43.52              | -16.16      | 148            | 332         | H        |
| 42.5877         | 15.37                | Qp  | 16.3          | 1            | 32.67                      | 40                 | -7.33       | 92             | 226         | V        |
| 54.3016         | 20.55                | Qp  | 12.1          | 1.1          | 33.75                      | 40                 | -6.25       | 35             | 313         | V        |
| * 122.7552      | 10.15                | Qp  | 17.6          | 1.8          | 29.55                      | 43.52              | -13.97      | 150            | 104         | V        |
| 562.4608        | 4.49                 | Qp  | 23            | 5.8          | 33.29                      | 46.02              | -12.73      | 73             | 204         | H        |

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

Qp - Quasi-Peak detector

Mid Channel - Data

**Below 1GHz (Worse-case, 802.11g Mode)**



High Channel - Plot

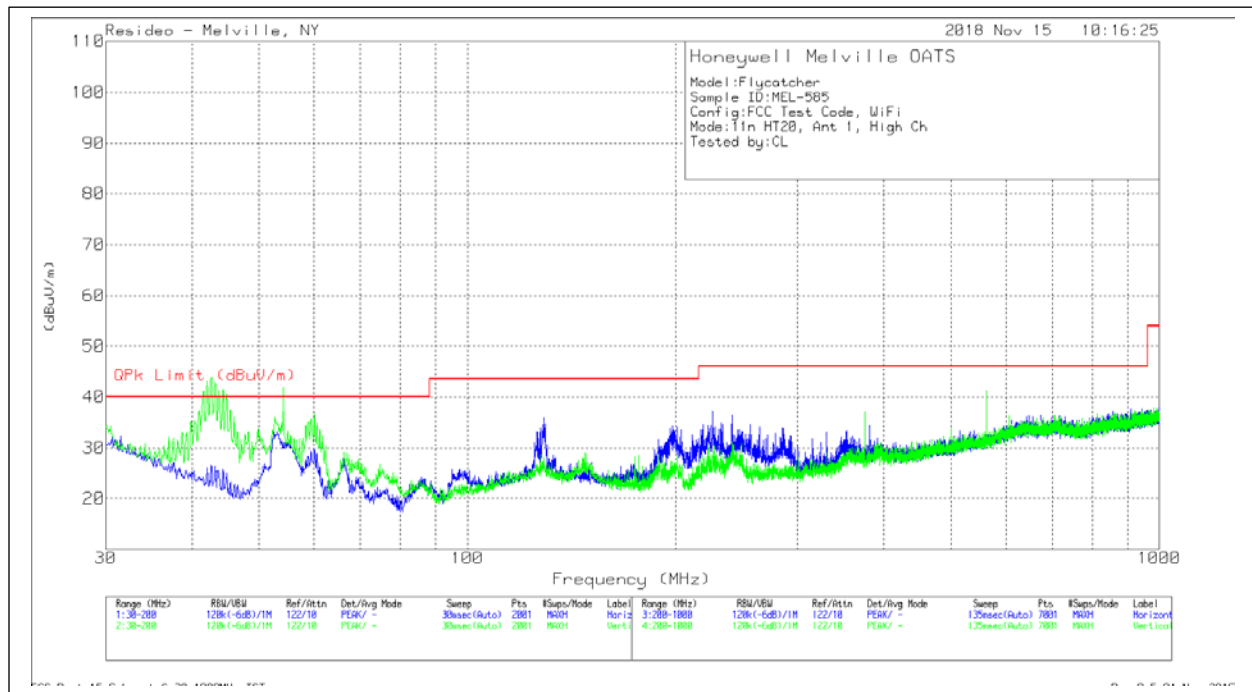
| Frequency (MHz) | Meter Reading (dBuV) | Det | AF_JB6 [dB/m] | Cable 1 [dB] | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|---------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 54.3141         | 18.36                | Qp  | 12.1          | 1.1          | 31.56                      | 40                 | -8.44       | 286            | 380         | H        |
| 42.578          | 14.93                | Qp  | 16.3          | 1            | 32.23                      | 40                 | -7.77       | 204            | 317         | V        |
| 53.8835         | 18.86                | Qp  | 12.1          | 1.1          | 32.06                      | 40                 | -7.94       | 305            | 358         | V        |
| 61.1108         | 22.3                 | Qp  | 11.9          | 1.2          | 35.4                       | 40                 | -4.6        | 40             | 133         | V        |
| 562.4977        | 4.61                 | Qp  | 23            | 5.8          | 33.41                      | 46.02              | -12.61      | 200            | 141         | H        |
| 562.5152        | 4.41                 | Qp  | 23            | 5.8          | 33.21                      | 46.02              | -12.81      | 194            | 350         | V        |

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

Qp - Quasi-Peak detector

High Channel - Data

**Below 1GHz (Worse-case, 802.11n HT20 Mode)**



High Channel - Plot

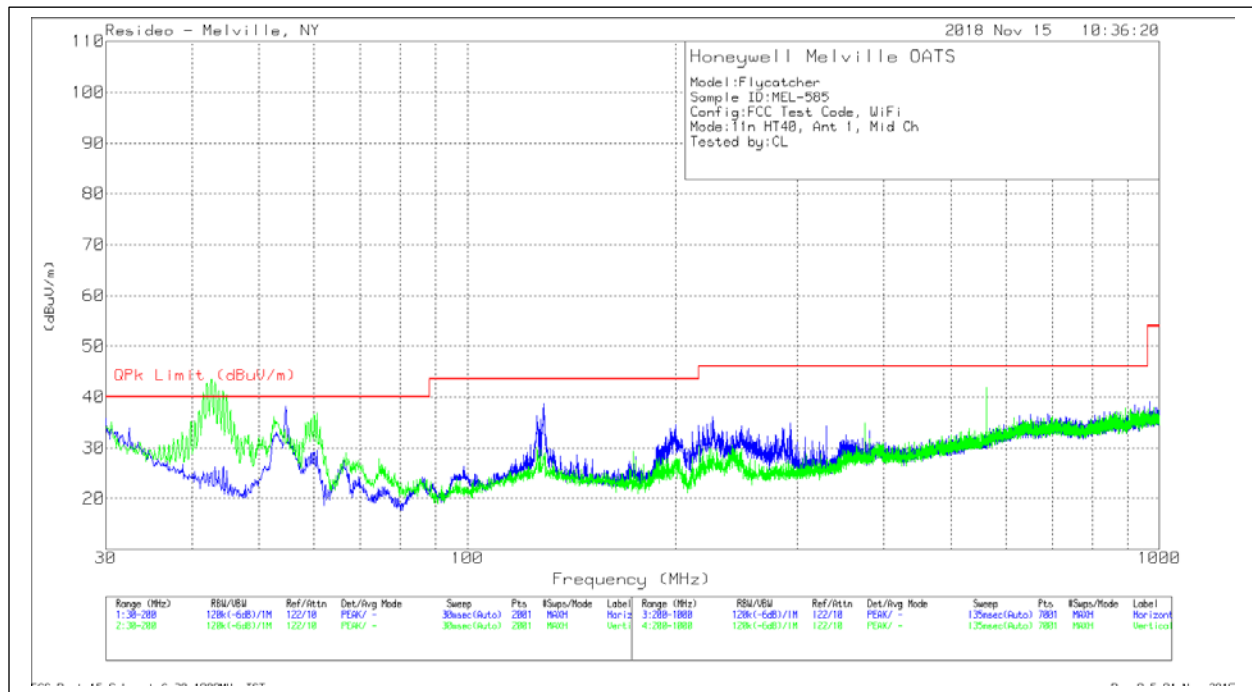
| Frequency (MHz) | Meter Reading (dBuV) | Det | AF_JB6 [dB/m] | Cable 1 [dB] | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|---------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 52.552          | 9.64                 | Qp  | 12.2          | 1.1          | 22.94                      | 40                 | -17.06      | 168            | 372         | H        |
| * 128.9974      | 5.67                 | Qp  | 17.6          | 1.8          | 25.07                      | 43.52              | -18.45      | 313            | 154         | H        |
| 42.5821         | 14.21                | Qp  | 16.3          | 1            | 31.51                      | 40                 | -8.49       | 286            | 375         | V        |
| 54.3134         | 20.67                | Qp  | 12.1          | 1.1          | 33.87                      | 40                 | -6.13       | 17             | 321         | V        |
| 60.1969         | 15.17                | Qp  | 11.8          | 1.2          | 28.17                      | 40                 | -11.83      | 50             | 107         | V        |
| 562.5317        | 4.38                 | Qp  | 23            | 5.8          | 33.18                      | 46.02              | -12.84      | 347            | 243         | V        |

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

Qp - Quasi-Peak detector

High Channel - Data

**Below 1GHz (Worse-case, 802.11n HT40 Mode)**



Mid Channel - Plot

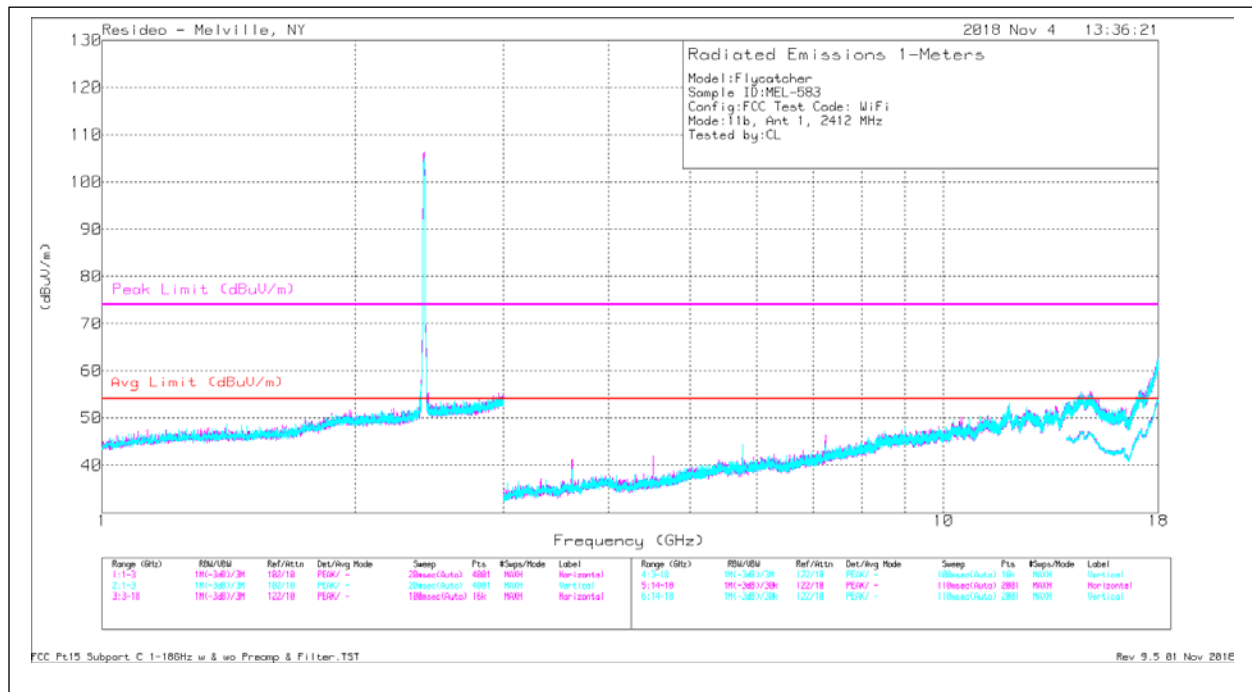
| Frequency (MHz) | Meter Reading (dBuV) | Det | AF_JB6 [dB/m] | Cable 1 [dB] | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|---------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 54.5496         | 15.49                | Qp  | 12.1          | 1.1          | 28.69                      | 40                 | -11.31      | 62             | 399         | H        |
| * 128.6842      | 5.89                 | Qp  | 17.6          | 1.8          | 25.29                      | 43.52              | -18.23      | 284            | 234         | H        |
| 42.5471         | 16.17                | Qp  | 16.3          | 1            | 33.47                      | 40                 | -6.53       | 189            | 106         | V        |
| 52.6339         | 21.06                | Qp  | 12.2          | 1.1          | 34.36                      | 40                 | -5.64       | 104            | 154         | V        |
| 60.558          | 21.23                | Qp  | 11.8          | 1.2          | 34.23                      | 40                 | -5.77       | 273            | 138         | V        |
| 562.5397        | 4.3                  | Qp  | 23            | 5.8          | 33.1                       | 46.02              | -12.92      | 222            | 359         | V        |

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

Qp - Quasi-Peak detector

Mid Channel - Data

**1-18GHz – 802.11b Mode**



Antenna 1: Low Channel - Plot

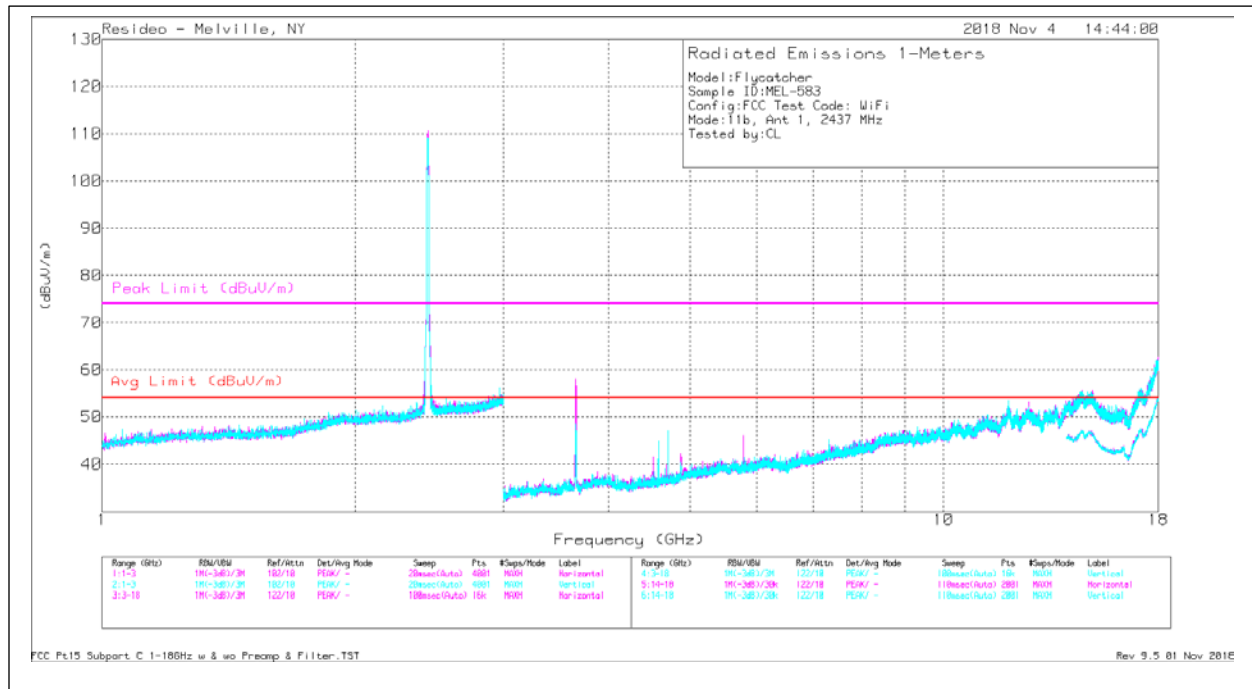
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.963           | 45.56                | PK2  | 30        | -42.3       | 2.9       | 2.8       | 38.96                      | -                  | -           | 74                  | -35.04         | 35             | 194         | H        |
| 2.966           | 33.99                | MAV1 | 30.1      | -42.3       | 2.9       | 2.8       | 27.49                      | 54                 | -26.51      | -                   | -              | 35             | 194         | H        |
| * 3.621         | 43.34                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 39.94                      | -                  | -           | 74                  | -34.06         | 8              | 386         | H        |
| * 3.614         | 32.13                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 28.73                      | 54                 | -25.27      | -                   | -              | 8              | 386         | H        |
| * 4.514         | 45.64                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 44.24                      | -                  | -           | 74                  | -29.76         | 321            | 369         | H        |
| * 4.514         | 40.14                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 38.74                      | 54                 | -15.26      | -                   | -              | 321            | 369         | H        |
| 7.239           | 37.15                | PK2  | 36.3      | -39.6       | 4.7       | 4.5       | 43.05                      | -                  | -           | 74                  | -30.95         | 137            | 170         | H        |
| 7.237           | 27.53                | MAV1 | 36.3      | -39.6       | 4.7       | 4.5       | 33.43                      | 54                 | -20.57      | -                   | -              | 137            | 170         | H        |
| 2.942           | 42.75                | PK2  | 29.9      | -42.1       | 2.9       | 2.8       | 36.25                      | -                  | -           | 74                  | -37.75         | 226            | 307         | V        |
| 2.942           | 33.03                | MAV1 | 29.9      | -42.1       | 2.9       | 2.8       | 26.53                      | 54                 | -27.47      | -                   | -              | 226            | 307         | V        |
| * 3.615         | 41.11                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 37.71                      | -                  | -           | 74                  | -36.29         | 239            | 273         | V        |
| * 3.615         | 31.35                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 27.95                      | 54                 | -26.05      | -                   | -              | 239            | 273         | V        |
| 5.769           | 62.73                | PK2  | 34.2      | -40         | 4         | 4         | 64.93                      | -                  | -           | 74                  | -9.07          | 86             | 360         | V        |
| 5.769           | 38.83                | MAV1 | 34.2      | -40         | 4         | 4         | 41.03                      | 54                 | -12.97      | -                   | -              | 86             | 360         | V        |
| 7.238           | 38.53                | PK2  | 36.3      | -39.6       | 4.7       | 4.5       | 44.43                      | -                  | -           | 74                  | -29.57         | 78             | 213         | V        |
| 7.238           | 28.32                | MAV1 | 36.3      | -39.6       | 4.7       | 4.5       | 34.22                      | 54                 | -19.78      | -                   | -              | 78             | 213         | V        |
| * 17.984        | 39.14                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 64.24                      | -                  | -           | 74                  | -9.76          | 304            | 244         | V        |
| * 17.983        | 27.48                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.58                      | 54                 | -1.42       | -                   | -              | 304            | 244         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

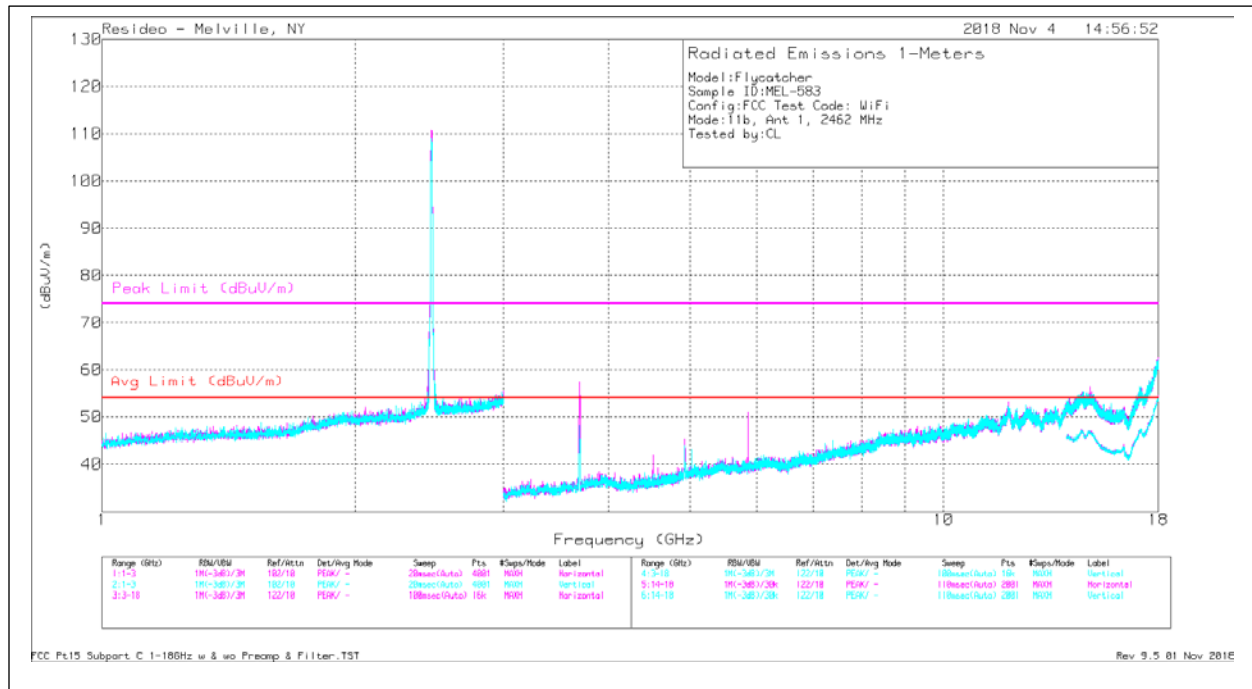
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.997           | 42.22                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 35.72                      | -                  | -           | 74                  | -38.28         | 53             | 152         | H        |
| 2.996           | 33.66                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.16                      | 54                 | -26.84      | -                   | -              | 53             | 152         | H        |
| * 3.656         | 58.62                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 55.32                      | -                  | -           | 74                  | -18.68         | 194            | 148         | H        |
| * 3.655         | 50.64                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 47.34                      | 54                 | -6.66       | -                   | -              | 194            | 148         | H        |
| * 4.874         | 44.23                | PK2  | 33.2      | -41.3       | 3.7       | 3.6       | 43.43                      | -                  | -           | 74                  | -30.57         | 195            | 140         | H        |
| * 4.874         | 32.61                | MAV1 | 33.2      | -41.3       | 3.7       | 3.6       | 31.81                      | 54                 | -22.19      | -                   | -              | 195            | 140         | H        |
| 5.782           | 71.19                | PK2  | 34.2      | -40         | 4         | 4         | 73.39                      | -                  | -           | 74                  | -61            | 328            | 359         | H        |
| 5.779           | 36.12                | MAV1 | 34.2      | -40         | 4         | 4         | 38.32                      | 54                 | -15.68      | -                   | -              | 328            | 359         | H        |
| * 12.631        | 39.15                | PK2  | 38.7      | -37.1       | 6         | 6.1       | 52.85                      | -                  | -           | 74                  | -21.15         | 218            | 104         | H        |
| * 12.632        | 27.52                | MAV1 | 38.7      | -37.1       | 6         | 6.1       | 41.22                      | 54                 | -12.78      | -                   | -              | 218            | 104         | H        |
| 2.967           | 42.93                | PK2  | 30.1      | -42.3       | 2.9       | 2.8       | 36.43                      | -                  | -           | 74                  | -37.57         | 243            | 188         | V        |
| 2.969           | 33.72                | MAV1 | 30.1      | -42.3       | 2.9       | 2.8       | 27.22                      | 54                 | -26.78      | -                   | -              | 243            | 188         | V        |
| * 3.655         | 53.14                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 49.84                      | -                  | -           | 74                  | -24.16         | 74             | 235         | V        |
| * 3.655         | 44.77                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 41.47                      | 54                 | -12.53      | -                   | -              | 74             | 235         | V        |
| * 4.577         | 43                   | PK2  | 32.7      | -41         | 3.6       | 3.5       | 41.8                       | -                  | -           | 74                  | -32.2          | 156            | 229         | V        |
| * 4.58          | 31.22                | MAV1 | 32.7      | -41.1       | 3.6       | 3.5       | 29.92                      | 54                 | -24.08      | -                   | -              | 156            | 229         | V        |
| * 4.706         | 42.75                | PK2  | 32.8      | -41.1       | 3.7       | 3.5       | 41.65                      | -                  | -           | 74                  | -32.35         | 11             | 135         | V        |
| * 4.71          | 30.88                | MAV1 | 32.8      | -41.1       | 3.7       | 3.5       | 29.78                      | 54                 | -24.22      | -                   | -              | 11             | 135         | V        |
| * 11.931        | 37.76                | PK2  | 39.5      | -37.4       | 6.9       | 5.8       | 52.56                      | -                  | -           | 74                  | -21.44         | 326            | 247         | V        |
| * 11.938        | 26.66                | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 41.36                      | 54                 | -12.64      | -                   | -              | 326            | 247         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

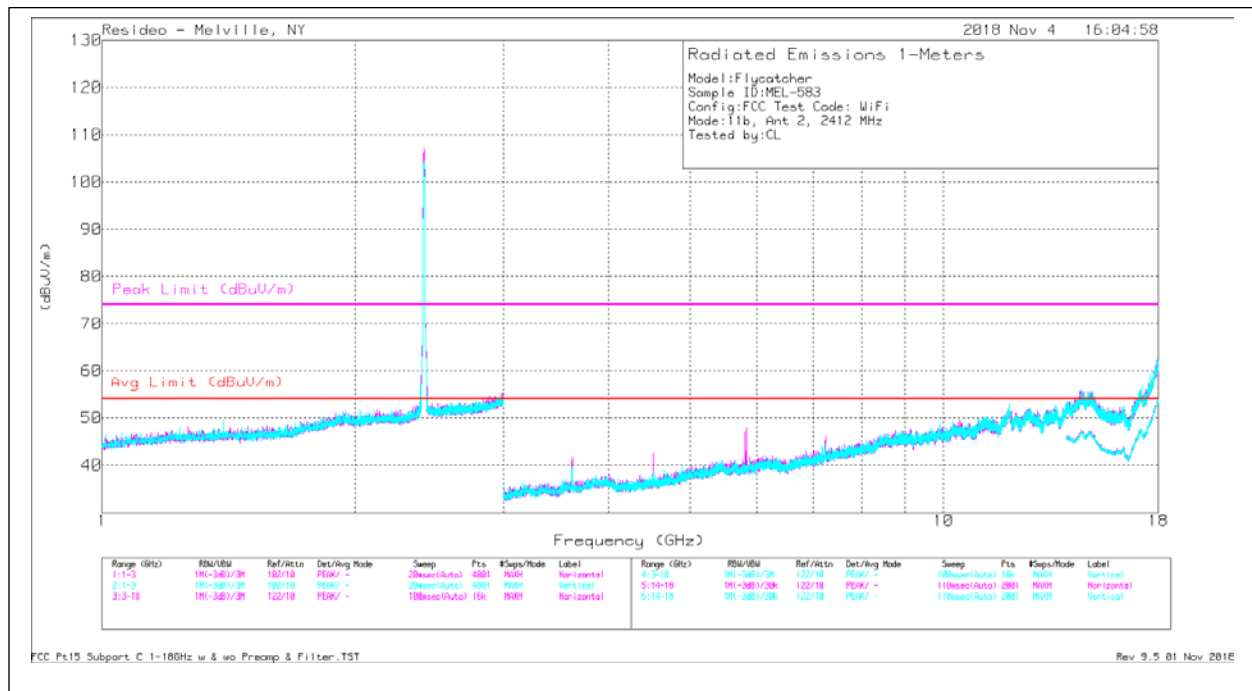
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.997           | 43.37                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.87                      | -                  | -           | 74                  | -37.13         | 255            | 156         | H        |
| 2.999           | 33.5                 | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27                         | 54                 | -27         | -                   | -              | 255            | 156         | H        |
| * 3.693         | 58.2                 | PK2  | 32.2      | -41.2       | 3.3       | 3.1       | 55.6                       | -                  | -           | 74                  | -18.4          | 189            | 198         | H        |
| * 3.693         | 50.28                | MAV1 | 32.2      | -41.2       | 3.3       | 3.1       | 47.68                      | 54                 | -6.32       | -                   | -              | 189            | 198         | H        |
| * 4.514         | 44.49                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 43.09                      | -                  | -           | 74                  | -30.91         | 209            | 162         | H        |
| * 4.514         | 38.51                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 37.11                      | 54                 | -16.89      | -                   | -              | 209            | 162         | H        |
| * 4.924         | 53.01                | PK2  | 33.2      | -41.5       | 3.8       | 3.7       | 52.21                      | -                  | -           | 74                  | -21.79         | 10             | 130         | H        |
| * 4.924         | 34.25                | MAV1 | 33.2      | -41.5       | 3.8       | 3.7       | 33.45                      | 54                 | -20.55      | -                   | -              | 10             | 130         | H        |
| 5.849           | 38.28                | PK2  | 34.3      | -40.1       | 4.1       | 4.1       | 40.68                      | -                  | -           | 74                  | -33.32         | 210            | 124         | H        |
| 5.85            | 29.97                | MAV1 | 34.3      | -40.1       | 4.1       | 4.1       | 32.37                      | 54                 | -21.63      | -                   | -              | 210            | 124         | H        |
| * 11.944        | 34.57                | PK2  | 39.5      | -37.4       | 6.8       | 5.8       | 49.27                      | -                  | -           | 74                  | -24.73         | 315            | 113         | H        |
| * 11.944        | 25.39                | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 40.09                      | 54                 | -13.91      | -                   | -              | 315            | 113         | H        |
| 2.986           | 44.14                | PK2  | 30.2      | -42.4       | 2.9       | 2.8       | 37.64                      | -                  | -           | 74                  | -36.36         | 80             | 275         | V        |
| 2.985           | 33.96                | MAV1 | 30.2      | -42.4       | 2.9       | 2.8       | 27.46                      | 54                 | -26.54      | -                   | -              | 80             | 275         | V        |
| * 3.693         | 52.38                | PK2  | 32.1      | -41.2       | 3.3       | 3.1       | 49.68                      | -                  | -           | 74                  | -24.32         | 280            | 273         | V        |
| * 3.694         | 43.41                | MAV1 | 32.2      | -41.2       | 3.3       | 3.1       | 40.81                      | 54                 | -13.19      | -                   | -              | 280            | 273         | V        |
| * 17.975        | 38.82                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 63.92                      | -                  | -           | 74                  | -10.08         | 329            | 146         | V        |
| * 17.976        | 27.57                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.67                      | 54                 | -1.33       | -                   | -              | 329            | 146         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel – Data



Antenna 2: Low Channel - Plot

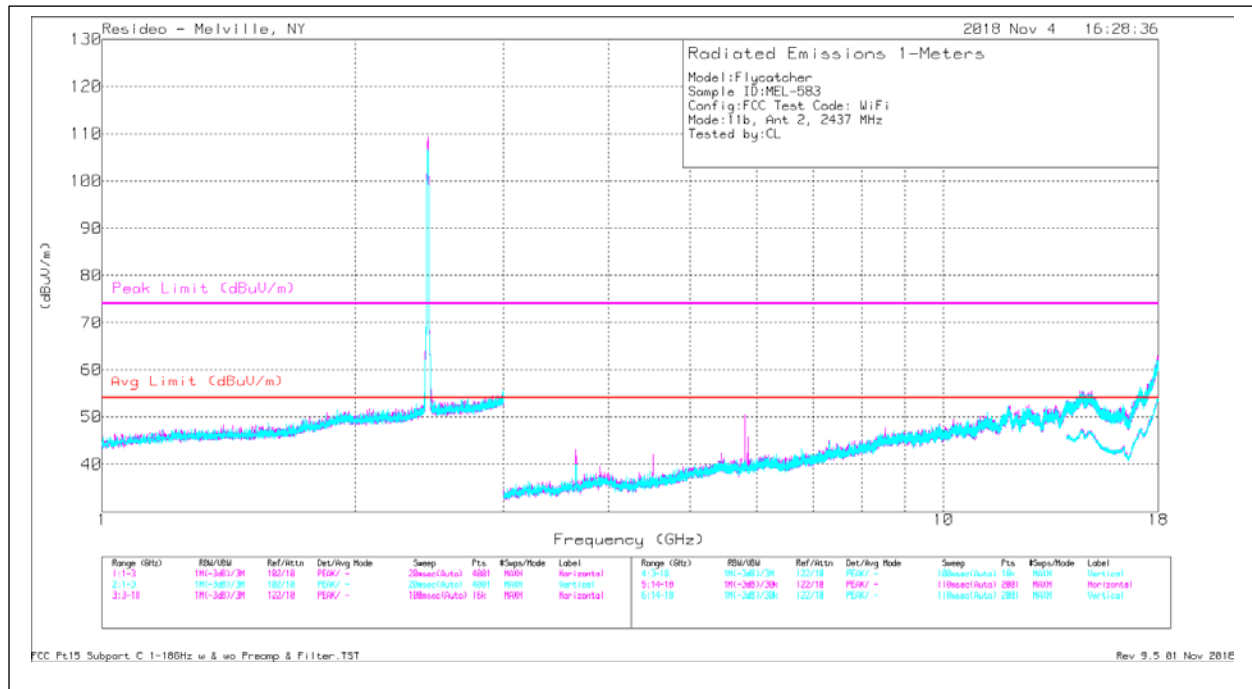
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.989           | 43.26                | PK2  | 30.2      | -42.5       | 2.9       | 2.8       | 36.66                      | -                  | -           | 74                  | -37.34         | 341            | 118         | H        |
| 2.99            | 33.53                | MAV1 | 30.2      | -42.5       | 2.9       | 2.8       | 26.93                      | 54                 | -27.07      | -                   | -              | 341            | 118         | H        |
| * 3.618         | 46.07                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 42.67                      | -                  | -           | 74                  | -31.33         | 211            | 103         | H        |
| * 3.619         | 35.21                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 31.81                      | 54                 | -22.19      | -                   | -              | 211            | 103         | H        |
| * 4.514         | 45.02                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 43.62                      | -                  | -           | 74                  | -30.38         | 203            | 102         | H        |
| * 4.514         | 38.28                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 36.88                      | 54                 | -17.12      | -                   | -              | 203            | 102         | H        |
| 5.831           | 40.33                | PK2  | 34.3      | -40.1       | 4.1       | 4.1       | 42.73                      | -                  | -           | 74                  | -31.27         | 312            | 149         | H        |
| 5.829           | 30.28                | MAV1 | 34.3      | -40.1       | 4.1       | 4.1       | 32.68                      | 54                 | -21.32      | -                   | -              | 312            | 149         | H        |
| 7.237           | 40.77                | PK2  | 36.3      | -39.6       | 4.7       | 4.5       | 46.67                      | -                  | -           | 74                  | -27.33         | 349            | 184         | H        |
| 7.236           | 31.46                | MAV1 | 36.3      | -39.5       | 4.7       | 4.5       | 37.46                      | 54                 | -16.54      | -                   | -              | 349            | 184         | H        |
| * 17.998        | 37.15                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.25                      | -                  | -           | 74                  | -11.75         | 156            | 303         | H        |
| * 17.998        | 26.7                 | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.8                       | 54                 | -2.2        | -                   | -              | 156            | 303         | H        |
| * 3.616         | 44.26                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 40.86                      | -                  | -           | 74                  | -33.14         | 233            | 237         | V        |
| * 3.618         | 33.52                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 30.12                      | 54                 | -23.88      | -                   | -              | 233            | 237         | V        |
| 7.236           | 40.3                 | PK2  | 36.3      | -39.5       | 4.7       | 4.5       | 46.3                       | -                  | -           | 74                  | -27.7          | 144            | 122         | V        |
| 7.236           | 30.78                | MAV1 | 36.3      | -39.5       | 4.7       | 4.5       | 36.78                      | 54                 | -17.22      | -                   | -              | 144            | 122         | V        |
| * 11.963        | 35.78                | PK2  | 39.5      | -37.4       | 6.7       | 5.7       | 50.28                      | -                  | -           | 74                  | -23.72         | 308            | 131         | V        |
| * 11.96         | 25.37                | MAV1 | 39.5      | -37.4       | 6.8       | 5.7       | 39.97                      | 54                 | -14.03      | -                   | -              | 308            | 131         | V        |
| * 17.996        | 39.12                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 64.22                      | -                  | -           | 74                  | -9.78          | 214            | 216         | V        |
| * 17.998        | 27.57                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.67                      | 54                 | -1.33       | -                   | -              | 214            | 216         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

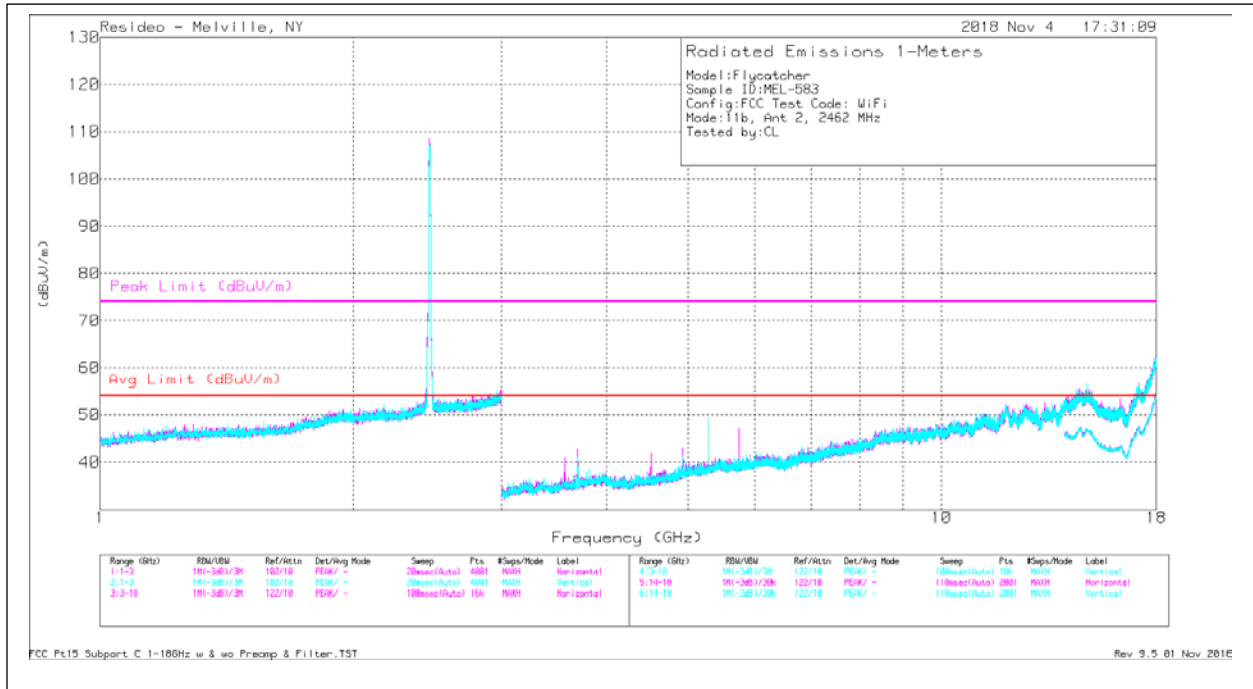
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3.001           | 46.05                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 39.55                      | -                  | -           | 74                  | -34.45         | 296            | 178         | H        |
| 3.004           | 34.11                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.61                      | 54                 | -26.39      | -                   | -              | 296            | 178         | H        |
| * 3.656         | 46.7                 | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 43.4                       | -                  | -           | 74                  | -30.6          | 159            | 101         | H        |
| * 3.656         | 35.74                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 32.44                      | 54                 | -21.56      | -                   | -              | 159            | 101         | H        |
| * 4.514         | 45.44                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 44.04                      | -                  | -           | 74                  | -29.96         | 205            | 241         | H        |
| * 4.514         | 39.3                 | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 37.9                       | 54                 | -16.1       | -                   | -              | 205            | 241         | H        |
| 5.804           | 42.62                | PK2  | 34.3      | -40         | 4.1       | 4         | 45.02                      | -                  | -           | 74                  | -28.98         | 237            | 335         | H        |
| 5.804           | 29.36                | MAV1 | 34.3      | -40         | 4.1       | 4         | 31.76                      | 54                 | -22.24      | -                   | -              | 237            | 335         | H        |
| * 17.973        | 38.98                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 64.08                      | -                  | -           | 74                  | -9.92          | 57             | 213         | H        |
| * 17.974        | 27.65                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.75                      | 54                 | -1.25       | -                   | -              | 57             | 213         | H        |
| 2.997           | 45.87                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 39.37                      | -                  | -           | 74                  | -34.63         | 285            | 358         | V        |
| 2.999           | 34.1                 | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.6                       | 54                 | -26.4       | -                   | -              | 285            | 358         | V        |
| * 3.655         | 43.57                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 40.27                      | -                  | -           | 74                  | -33.73         | 224            | 348         | V        |
| * 3.657         | 35.25                | MAV1 | 31.9      | -41.4       | 3.2       | 3.1       | 32.05                      | 54                 | -21.95      | -                   | -              | 224            | 348         | V        |
| * 17.964        | 36.42                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.52                      | -                  | -           | 74                  | -12.48         | 277            | 158         | V        |
| * 17.965        | 26.03                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.13                      | 54                 | -2.87       | -                   | -              | 277            | 158         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.997           | 45.87                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 39.37                      | -                  | -           | 74                  | -34.63         | 13             | 125         | H        |
| 3               | 34.25                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.75                      | 54                 | -26.25      | -                   | -              | 13             | 125         | H        |
| * 3.692         | 42.71                | PK2  | 32.1      | -41.2       | 3.3       | 3.1       | 40.01                      | -                  | -           | 74                  | -33.99         | 213            | 134         | H        |
| * 3.693         | 34.09                | MAV1 | 32.2      | -41.2       | 3.3       | 3.1       | 31.49                      | 54                 | -22.51      | -                   | -              | 213            | 134         | H        |
| * 4.513         | 40.2                 | PK2  | 32.5      | -41         | 3.6       | 3.5       | 38.8                       | -                  | -           | 74                  | -35.2          | 70             | 112         | H        |
| * 4.514         | 30.69                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 29.29                      | 54                 | -24.71      | -                   | -              | 70             | 112         | H        |
| * 4.925         | 45.53                | PK2  | 33.2      | -41.5       | 3.8       | 3.7       | 44.73                      | -                  | -           | 74                  | -29.27         | 277            | 386         | H        |
| * 4.924         | 30.5                 | MAV1 | 33.2      | -41.5       | 3.8       | 3.7       | 29.7                       | 54                 | -24.3       | -                   | -              | 277            | 386         | H        |
| 5.748           | 61.64                | PK2  | 34.2      | -39.9       | 4.1       | 4         | 64.04                      | -                  | -           | 74                  | -9.96          | 272            | 201         | H        |
| 5.748           | 41.93                | MAV1 | 34.2      | -39.9       | 4.1       | 4         | 44.33                      | 54                 | -9.67       | -                   | -              | 272            | 201         | H        |
| * 17.963        | 36.64                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.74                      | -                  | -           | 74                  | -12.26         | 225            | 245         | H        |
| * 17.963        | 27.14                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.24                      | 54                 | -1.76       | -                   | -              | 225            | 245         | H        |
| 3.003           | 46.76                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 40.26                      | -                  | -           | 74                  | -33.74         | 192            | 134         | V        |
| 2.999           | 34.11                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.61                      | 54                 | -26.39      | -                   | -              | 192            | 134         | V        |
| * 3.693         | 41.34                | PK2  | 32.2      | -41.2       | 3.3       | 3.1       | 38.74                      | -                  | -           | 74                  | -35.26         | 45             | 207         | V        |
| * 3.695         | 32.24                | MAV1 | 32.2      | -41.2       | 3.3       | 3.1       | 29.64                      | 54                 | -24.36      | -                   | -              | 45             | 207         | V        |
| * 17.989        | 37.58                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.68                      | -                  | -           | 74                  | -11.32         | 194            | 302         | V        |
| * 17.988        | 27.58                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.68                      | 54                 | -1.32       | -                   | -              | 194            | 302         | V        |
| 5.287           | 39.88                | PK2  | 34.1      | -41.2       | 3.9       | 3.8       | 40.48                      | -                  | -           | 74                  | -33.52         | 142            | 293         | V        |
| 5.287           | 29.95                | MAV1 | 34.1      | -41.2       | 3.9       | 3.8       | 30.55                      | 54                 | -23.45      | -                   | -              | 142            | 293         | V        |

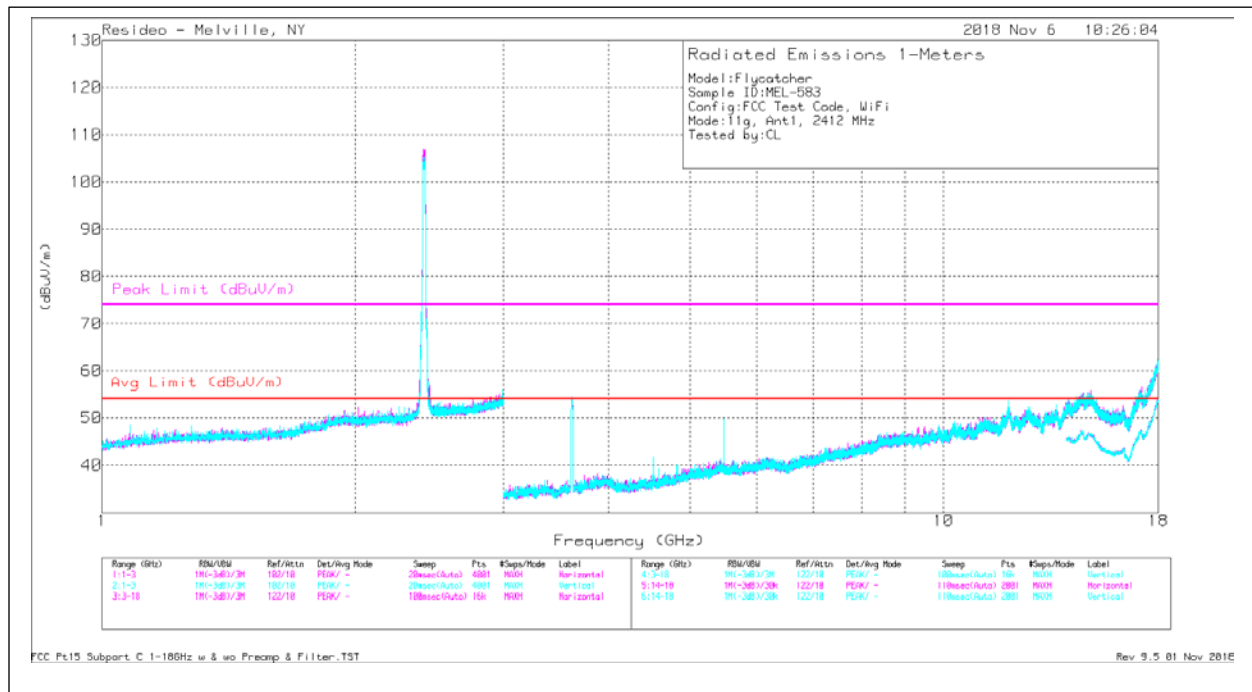
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: High Channel - Data

**1-18GHz – 802.11g Mode**



Antenna 1: Low Channel - Plot

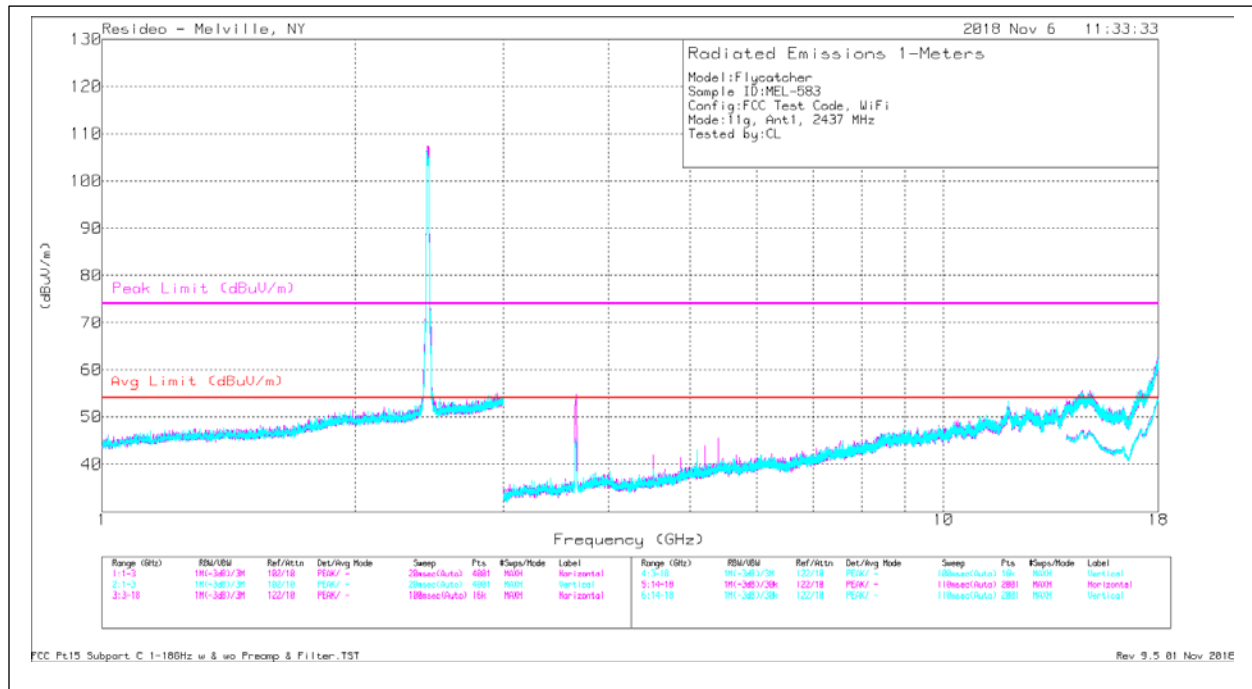
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.999           | 43.22                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.72                      | -                  | -           | 74                  | -37.28         | 333            | 373         | H        |
| 2.999           | 33.22                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.72                      | 54                 | -27.28      | -                   | -              | 333            | 373         | H        |
| * 3.614         | 54.16                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 50.76                      | -                  | -           | 74                  | -23.24         | 186            | 193         | H        |
| * 3.615         | 46.04                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 42.64                      | 54                 | -11.36      | -                   | -              | 186            | 193         | H        |
| * 17.976        | 36.66                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.76                      | -                  | -           | 74                  | -12.24         | 4              | 190         | H        |
| * 17.976        | 26.39                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.49                      | 54                 | -2.51       | -                   | -              | 4              | 190         | H        |
| 2.999           | 43.27                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.77                      | -                  | -           | 74                  | -37.23         | 252            | 325         | V        |
| 3               | 33.65                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.15                      | 54                 | -26.85      | -                   | -              | 252            | 325         | V        |
| * 3.613         | 50.15                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 46.75                      | -                  | -           | 74                  | -27.25         | 92             | 385         | V        |
| * 3.615         | 40.04                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 36.64                      | 54                 | -17.36      | -                   | -              | 92             | 385         | V        |
| * 4.514         | 41.37                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 39.97                      | -                  | -           | 74                  | -34.03         | 22             | 119         | V        |
| * 4.514         | 33.59                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 32.19                      | 54                 | -21.81      | -                   | -              | 22             | 119         | V        |
| 5.48            | 38.86                | PK2  | 34.4      | -40.8       | 4         | 3.8       | 40.26                      | -                  | -           | 74                  | -33.74         | 18             | 198         | V        |
| 5.481           | 29.53                | MAV1 | 34.4      | -40.8       | 4         | 3.8       | 30.93                      | 54                 | -23.07      | -                   | -              | 18             | 198         | V        |
| * 12            | 35.42                | PK2  | 39.4      | -37.3       | 6.6       | 5.7       | 49.82                      | -                  | -           | 74                  | -24.18         | 38             | 149         | V        |
| * 12.002        | 25.49                | MAV1 | 39.4      | -37.3       | 6.6       | 5.7       | 39.89                      | 54                 | -14.11      | -                   | -              | 38             | 149         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

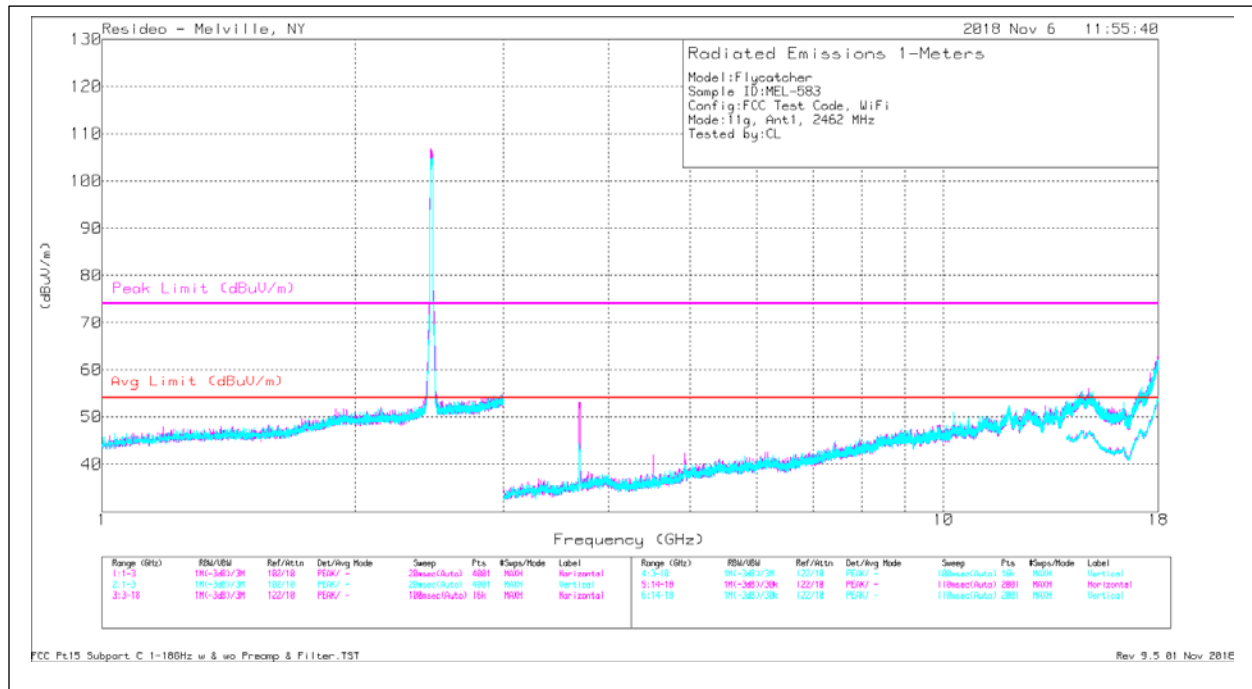
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3               | 43.69                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 37.19                      | -                  | -           | 74                  | -36.81         | 97             | 109         | H        |
| 3.001           | 33.01                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.51                      | 54                 | -27.49      | -                   | -              | 97             | 109         | H        |
| * 3.658         | 52.06                | PK2  | 31.9      | -41.4       | 3.2       | 3.1       | 48.86                      | -                  | -           | 74                  | -25.14         | 187            | 252         | H        |
| * 3.658         | 43.75                | MAV1 | 31.9      | -41.4       | 3.2       | 3.1       | 40.55                      | 54                 | -13.45      | -                   | -              | 187            | 252         | H        |
| * 4.514         | 44.67                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 43.27                      | -                  | -           | 74                  | -30.73         | 328            | 330         | H        |
| * 4.514         | 39.59                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 38.19                      | 54                 | -15.81      | -                   | -              | 328            | 330         | H        |
| * 5.399         | 39.03                | PK2  | 34.3      | -41.5       | 3.9       | 3.9       | 39.63                      | -                  | -           | 74                  | -34.37         | 68             | 368         | H        |
| * 5.395         | 29.69                | MAV1 | 34.3      | -41.4       | 3.9       | 3.9       | 30.39                      | 54                 | -23.61      | -                   | -              | 68             | 368         | H        |
| * 17.949        | 36.73                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.83                      | -                  | -           | 74                  | -12.17         | 64             | 255         | H        |
| * 17.947        | 26.73                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.83                      | 54                 | -2.17       | -                   | -              | 64             | 255         | H        |
| 3.002           | 43.02                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.52                      | -                  | -           | 74                  | -37.48         | 262            | 259         | V        |
| 2.998           | 33.71                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.21                      | 54                 | -26.79      | -                   | -              | 262            | 259         | V        |
| * 3.655         | 47.32                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 44.02                      | -                  | -           | 74                  | -29.98         | 237            | 255         | V        |
| * 3.653         | 37.15                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 33.85                      | 54                 | -20.15      | -                   | -              | 237            | 255         | V        |
| * 5.092         | 42.63                | PK2  | 33.8      | -41.3       | 3.8       | 3.7       | 42.63                      | -                  | -           | 74                  | -31.37         | 270            | 290         | V        |
| * 5.086         | 31.43                | MAV1 | 33.8      | -41.3       | 3.8       | 3.7       | 31.43                      | 54                 | -22.57      | -                   | -              | 270            | 290         | V        |
| * 17.998        | 38.76                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 63.86                      | -                  | -           | 74                  | -10.14         | 30             | 283         | V        |
| * 17.999        | 27.44                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.54                      | 54                 | -1.46       | -                   | -              | 30             | 283         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

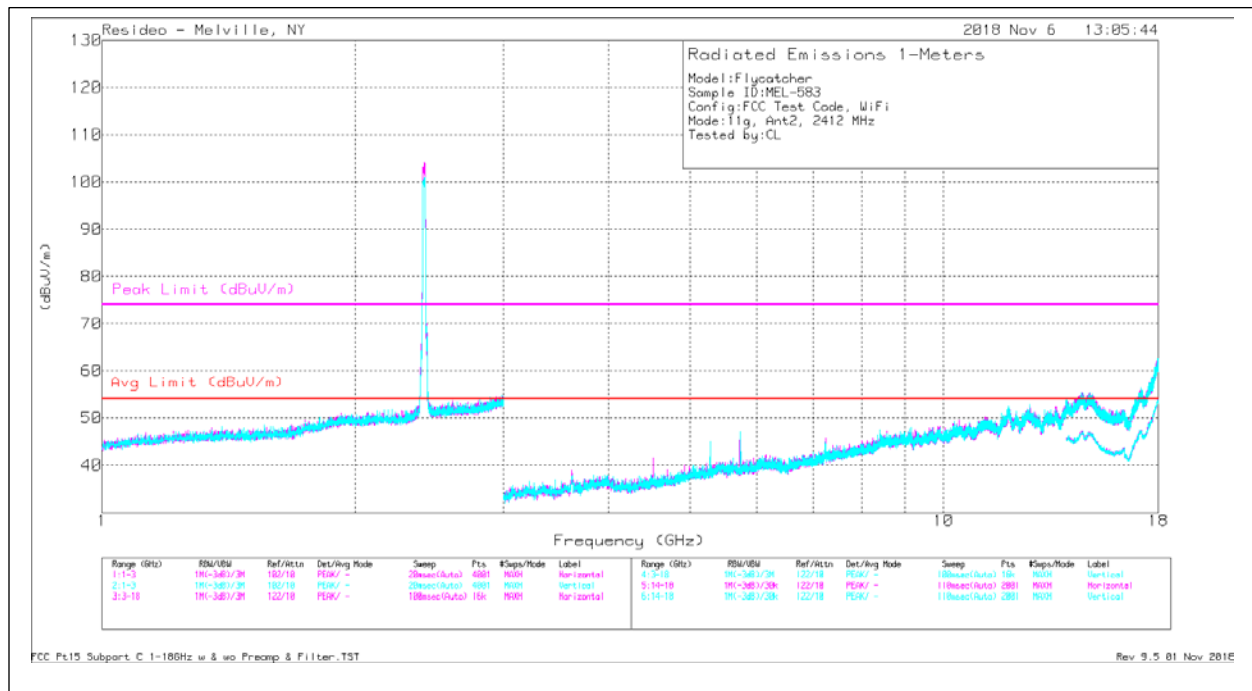
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.999           | 44.22                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 37.72                      | -                  | -           | 74                  | -36.28         | 28             | 198         | H        |
| 2.999           | 33.82                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.32                      | 54                 | -26.68      | -                   | -              | 28             | 198         | H        |
| * 3.693         | 50.62                | PK2  | 32.2      | -41.2       | 3.3       | 3.1       | 48.02                      | -                  | -           | 74                  | -25.98         | 185            | 395         | H        |
| * 3.695         | 42.24                | MAV1 | 32.2      | -41.2       | 3.3       | 3.1       | 39.64                      | 54                 | -14.36      | -                   | -              | 185            | 395         | H        |
| * 4.514         | 45.01                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 43.61                      | -                  | -           | 74                  | -30.39         | 318            | 329         | H        |
| * 4.514         | 40.37                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 38.97                      | 54                 | -15.03      | -                   | -              | 318            | 329         | H        |
| * 4.925         | 54.56                | PK2  | 33.2      | -41.5       | 3.8       | 3.7       | 53.76                      | -                  | -           | 74                  | -20.24         | 129            | 112         | H        |
| * 4.925         | 36.8                 | MAV1 | 33.2      | -41.5       | 3.8       | 3.7       | 36                         | 54                 | -18         | -                   | -              | 129            | 112         | H        |
| * 17.988        | 36.29                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.39                      | -                  | -           | 74                  | -12.61         | 349            | 230         | H        |
| * 17.989        | 27.02                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.12                      | 54                 | -1.88       | -                   | -              | 349            | 230         | H        |
| 3.001           | 43.31                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.81                      | -                  | -           | 74                  | -37.19         | 245            | 175         | V        |
| 3.001           | 33.22                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.72                      | 54                 | -27.28      | -                   | -              | 245            | 175         | V        |
| * 3.692         | 46.57                | PK2  | 32.1      | -41.2       | 3.3       | 3.1       | 43.87                      | -                  | -           | 74                  | -30.13         | 76             | 313         | V        |
| * 3.691         | 37.35                | MAV1 | 32.1      | -41.2       | 3.3       | 3.1       | 34.65                      | 54                 | -19.35      | -                   | -              | 76             | 313         | V        |
| 10.267          | 36.24                | PK2  | 38.4      | -39.1       | 5.4       | 5.6       | 46.54                      | -                  | -           | 74                  | -27.46         | 37             | 169         | V        |
| 10.269          | 25.49                | MAV1 | 38.4      | -39.1       | 5.4       | 5.6       | 35.79                      | 54                 | -18.21      | -                   | -              | 37             | 169         | V        |
| * 17.982        | 37.28                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.38                      | -                  | -           | 74                  | -11.62         | 352            | 236         | V        |
| * 17.985        | 26.62                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.72                      | 54                 | -2.28       | -                   | -              | 352            | 236         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel - Data



Antenna 2: Low Channel - Plot

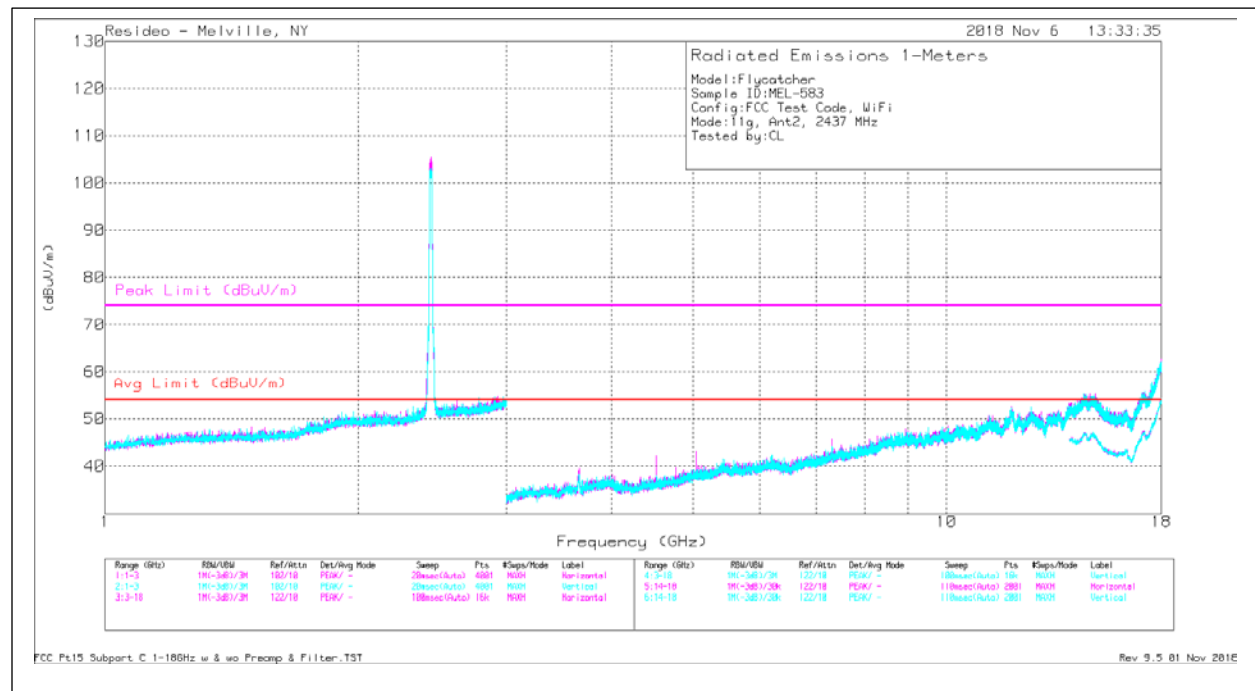
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3.002           | 42.98                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.48                      | -                  | -           | 74                  | -37.52         | 226            | 331         | H        |
| 2.999           | 33.25                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.75                      | 54                 | -27.25      | -                   | -              | 226            | 331         | H        |
| * 4.514         | 43.63                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 42.23                      | -                  | -           | 74                  | -31.77         | 204            | 131         | H        |
| * 4.514         | 37.01                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 35.61                      | 54                 | -18.39      | -                   | -              | 204            | 131         | H        |
| 5.723           | 39.49                | PK2  | 34.2      | -39.9       | 4.1       | 3.9       | 41.79                      | -                  | -           | 74                  | -32.21         | 74             | 116         | H        |
| 5.723           | 28.76                | MAV1 | 34.2      | -39.9       | 4.1       | 3.9       | 31.06                      | 54                 | -22.94      | -                   | -              | 74             | 116         | H        |
| 7.235           | 38.91                | PK2  | 36.3      | -39.5       | 4.7       | 4.5       | 44.91                      | -                  | -           | 74                  | -29.09         | 231            | 113         | H        |
| 7.237           | 28.31                | MAV1 | 36.3      | -39.6       | 4.7       | 4.5       | 34.21                      | 54                 | -19.79      | -                   | -              | 231            | 113         | H        |
| * 17.939        | 36.97                | PK2  | 47.9      | -37.9       | 7.7       | 7.3       | 61.97                      | -                  | -           | 74                  | -12.03         | 208            | 387         | H        |
| * 17.938        | 26.97                | MAV1 | 47.9      | -37.9       | 7.7       | 7.3       | 51.97                      | 54                 | -2.03       | -                   | -              | 208            | 387         | H        |
| 3.002           | 43.89                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 37.39                      | -                  | -           | 74                  | -36.61         | 240            | 134         | V        |
| 3.002           | 33.2                 | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.7                       | 54                 | -27.3       | -                   | -              | 240            | 134         | V        |
| 5.278           | 40.16                | PK2  | 34.1      | -41.1       | 3.9       | 3.8       | 40.86                      | -                  | -           | 74                  | -33.14         | 193            | 348         | V        |
| 5.277           | 30.57                | MAV1 | 34.1      | -41.1       | 3.9       | 3.8       | 31.27                      | 54                 | -22.73      | -                   | -              | 193            | 348         | V        |
| 5.73            | 45.06                | PK2  | 34.2      | -39.9       | 4.1       | 3.9       | 47.36                      | -                  | -           | 74                  | -26.64         | 0              | 399         | V        |
| 5.73            | 29.72                | MAV1 | 34.2      | -39.9       | 4.1       | 3.9       | 32.02                      | 54                 | -21.98      | -                   | -              | 0              | 399         | V        |
| 7.228           | 41.28                | PK2  | 36.3      | -39.5       | 4.7       | 4.5       | 47.28                      | -                  | -           | 74                  | -26.72         | 6              | 200         | V        |
| 7.228           | 28.34                | MAV1 | 36.3      | -39.5       | 4.7       | 4.5       | 34.34                      | 54                 | -19.66      | -                   | -              | 6              | 200         | V        |
| * 17.964        | 39.99                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 65.09                      | -                  | -           | 74                  | -8.91          | 250            | 110         | V        |
| * 17.964        | 26.85                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.95                      | 54                 | -2.05       | -                   | -              | 250            | 110         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

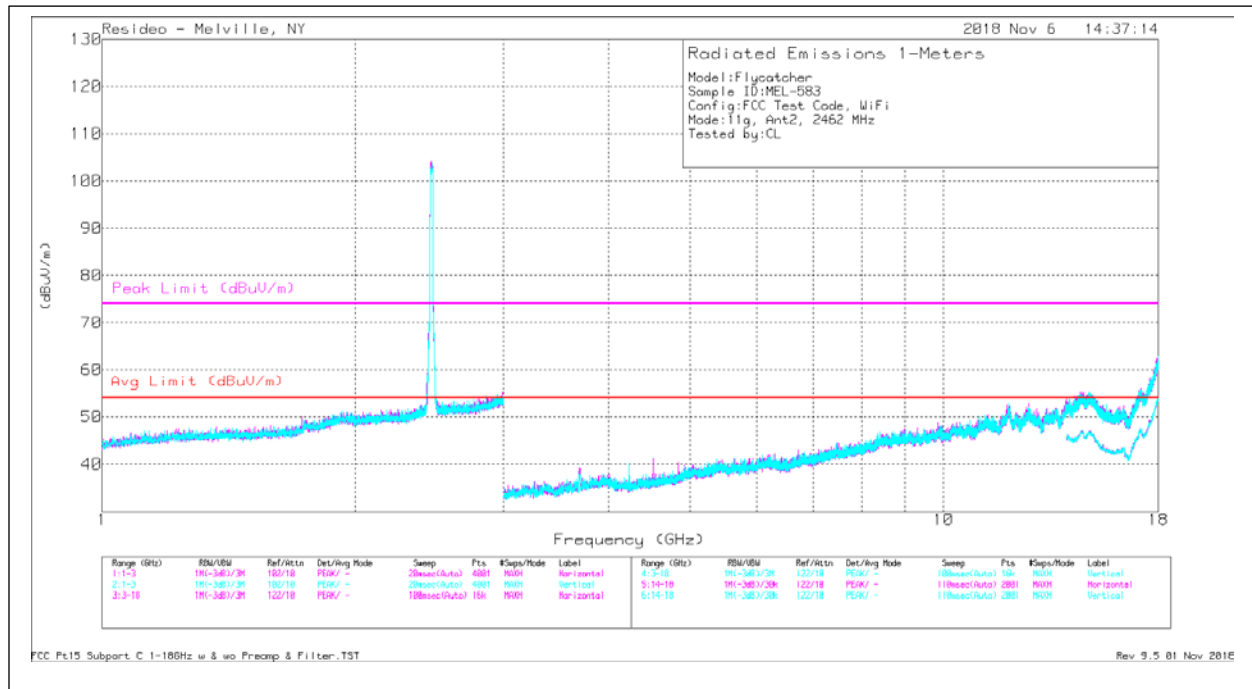
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.93            | 43.97                | PK2  | 29.8      | -42         | 2.9       | 2.8       | 37.47                      | -                  | -           | 74                  | -36.53         | 16             | 112         | H        |
| 2.93            | 34.16                | MAV1 | 29.8      | -42         | 2.9       | 2.8       | 27.66                      | 54                 | -26.34      | -                   | -              | 16             | 112         | H        |
| * 4.514         | 44.08                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 42.68                      | -                  | -           | 74                  | -31.32         | 198            | 223         | H        |
| * 4.514         | 38.78                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 37.38                      | 54                 | -16.62      | -                   | -              | 198            | 223         | H        |
| * 5.041         | 40.27                | PK2  | 33.6      | -41.5       | 3.8       | 3.7       | 39.87                      | -                  | -           | 74                  | -34.13         | 351            | 104         | H        |
| * 5.043         | 30.66                | MAV1 | 33.6      | -41.5       | 3.8       | 3.7       | 30.26                      | 54                 | -23.74      | -                   | -              | 351            | 104         | H        |
| * 7.302         | 37.34                | PK2  | 36.6      | -39.6       | 4.6       | 4.5       | 43.44                      | -                  | -           | 74                  | -30.56         | 10             | 102         | H        |
| * 7.302         | 27.85                | MAV1 | 36.6      | -39.6       | 4.6       | 4.5       | 33.95                      | 54                 | -20.05      | -                   | -              | 10             | 102         | H        |
| * 17.998        | 36.36                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.46                      | -                  | -           | 74                  | -12.54         | 68             | 185         | H        |
| * 18            | 26.54                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.64                      | 54                 | -2.36       | -                   | -              | 68             | 185         | H        |
| * 2.781         | 43.39                | PK2  | 29.1      | -41.4       | 2.8       | 2.7       | 36.59                      | -                  | -           | 74                  | -37.41         | 28             | 162         | V        |
| * 2.779         | 33.9                 | MAV1 | 29.1      | -41.4       | 2.8       | 2.7       | 27.1                       | 54                 | -26.9       | -                   | -              | 28             | 162         | V        |
| * 3.657         | 41.05                | PK2  | 31.9      | -41.4       | 3.2       | 3.1       | 37.85                      | -                  | -           | 74                  | -36.15         | 54             | 133         | V        |
| * 3.657         | 31.65                | MAV1 | 31.9      | -41.4       | 3.2       | 3.1       | 28.45                      | 54                 | -25.55      | -                   | -              | 54             | 133         | V        |
| * 11.94         | 35.05                | PK2  | 39.5      | -37.4       | 6.8       | 5.8       | 49.75                      | -                  | -           | 74                  | -24.25         | 332            | 170         | V        |
| * 11.94         | 25.19                | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 39.89                      | 54                 | -14.11      | -                   | -              | 332            | 170         | V        |
| * 17.986        | 37.04                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.14                      | -                  | -           | 74                  | -11.86         | 273            | 322         | V        |
| * 17.987        | 27.49                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.59                      | 54                 | -1.41       | -                   | -              | 273            | 322         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel – Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3.004           | 45.48                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 38.98                      | -                  | -           | 74                  | -35.02         | 348            | 137         | H        |
| 3               | 34                   | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.5                       | 54                 | -26.5       | -                   | -              | 348            | 137         | H        |
| * 4.514         | 41.29                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 39.89                      | -                  | -           | 74                  | -34.11         | 76             | 311         | H        |
| * 4.514         | 33.13                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 31.73                      | 54                 | -22.27      | -                   | -              | 76             | 311         | H        |
| * 12.634        | 36.07                | PK2  | 38.7      | -37.1       | 6         | 6.1       | 49.77                      | -                  | -           | 74                  | -24.23         | 179            | 103         | H        |
| * 12.637        | 26.52                | MAV1 | 38.7      | -37.1       | 6         | 6.1       | 40.22                      | 54                 | -13.78      | -                   | -              | 179            | 103         | H        |
| * 17.972        | 38.62                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 63.72                      | -                  | -           | 74                  | -10.28         | 240            | 178         | H        |
| * 17.971        | 27.55                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.65                      | 54                 | -1.35       | -                   | -              | 240            | 178         | H        |
| * 4.229         | 41.08                | PK2  | 32.3      | -40.7       | 3.5       | 3.4       | 39.58                      | -                  | -           | 74                  | -34.42         | 209            | 174         | V        |
| * 4.232         | 30.48                | MAV1 | 32.3      | -40.7       | 3.5       | 3.4       | 28.98                      | 54                 | -25.02      | -                   | -              | 209            | 174         | V        |
| * 11.949        | 34.55                | PK2  | 39.5      | -37.4       | 6.8       | 5.8       | 49.25                      | -                  | -           | 74                  | -24.75         | 107            | 112         | V        |
| * 11.952        | 25.37                | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 40.07                      | 54                 | -13.93      | -                   | -              | 107            | 112         | V        |
| * 17.984        | 39.44                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 64.54                      | -                  | -           | 74                  | -9.46          | 197            | 268         | V        |
| * 17.984        | 27.54                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.64                      | 54                 | -1.36       | -                   | -              | 197            | 268         | V        |
| 2.951           | 42.8                 | PK2  | 30        | -42.2       | 2.9       | 2.8       | 36.3                       | -                  | -           | 74                  | -37.7          | 78             | 160         | V        |
| 2.952           | 33.13                | MAV1 | 30        | -42.2       | 2.9       | 2.8       | 26.63                      | 54                 | -27.37      | -                   | -              | 78             | 160         | V        |

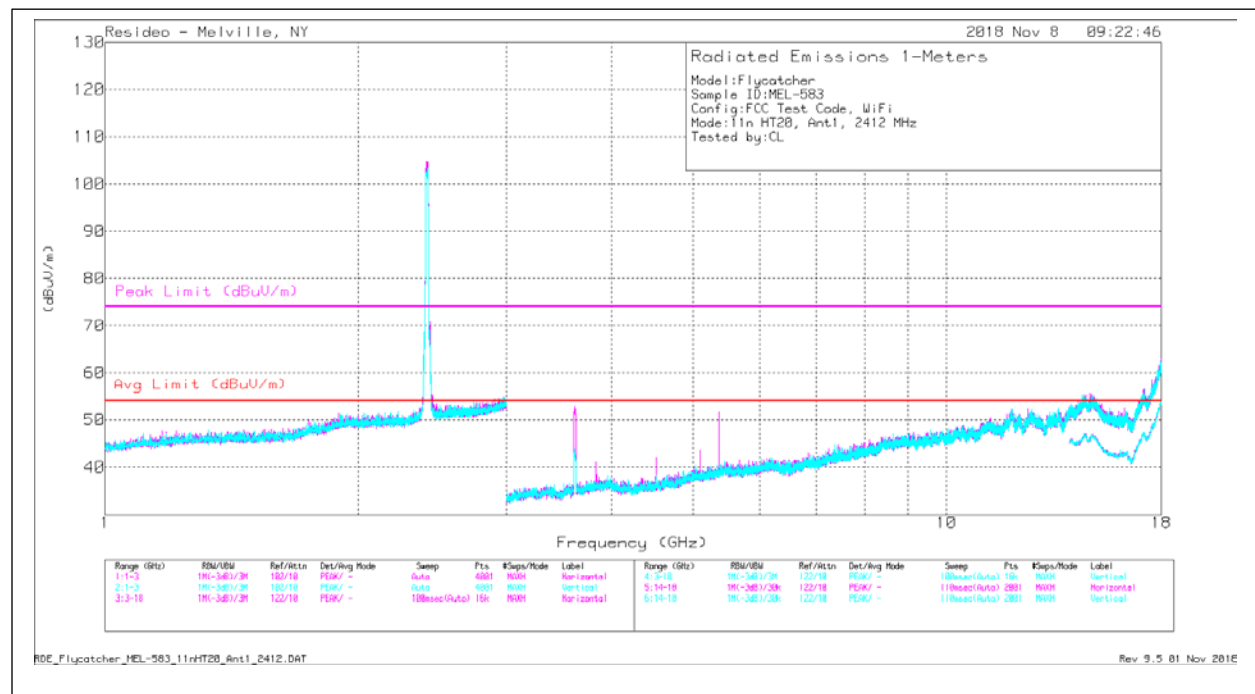
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Sxwmm RMS Average

Antenna 2: High Channel - Data

**1-18GHz – 802.11n HT20 Mode**



Antenna 1: Low Channel - Plot

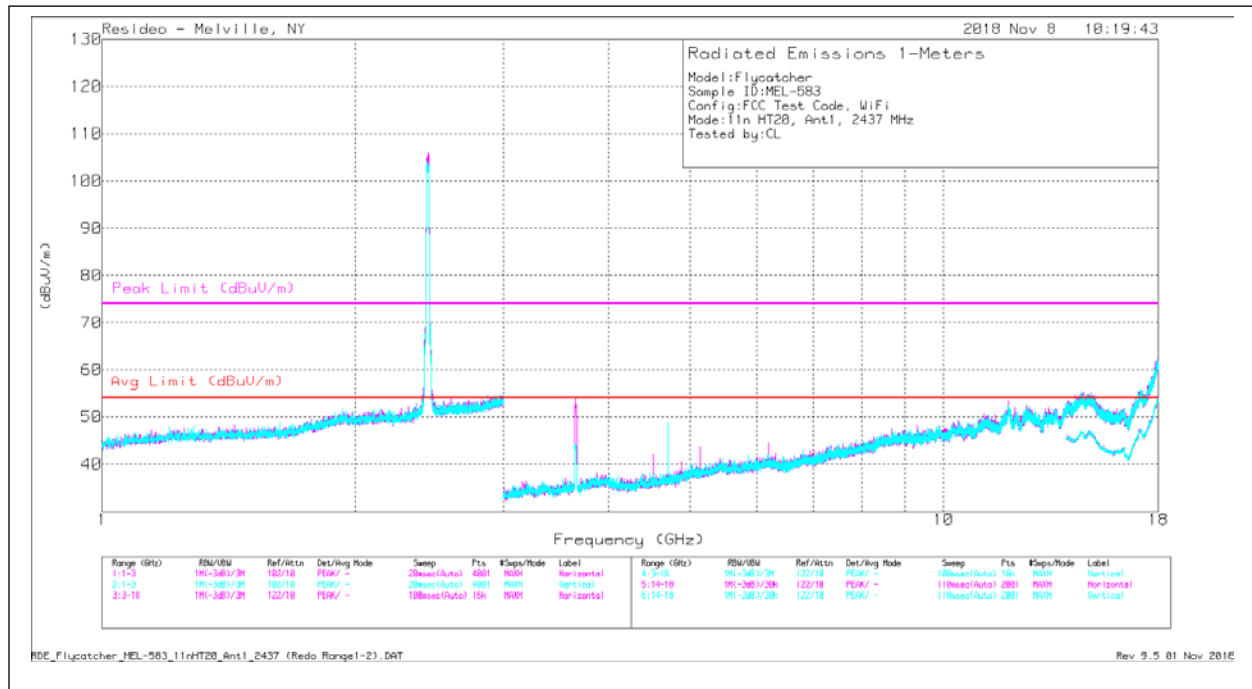
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 3.616         | 54.25                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 50.85                      | -                  | -           | 74                  | -23.15         | 209            | 203         | H        |
| * 3.617         | 43.57                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 40.17                      | 54                 | -13.83      | -                   | -              | 209            | 203         | H        |
| * 5.369         | 42.51                | PK2  | 34.3      | -41.4       | 3.9       | 3.8       | 43.11                      | -                  | -           | 74                  | -30.89         | 309            | 160         | H        |
| * 5.37          | 30.51                | MAV1 | 34.3      | -41.4       | 3.9       | 3.8       | 31.11                      | 54                 | -22.89      | -                   | -              | 309            | 160         | H        |
| 2.998           | 41.62                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 35.12                      | -                  | -           | 74                  | -38.88         | 111            | 252         | H        |
| 3               | 33.34                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.84                      | 54                 | -27.16      | -                   | -              | 111            | 252         | H        |
| * 18            | 36.72                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.82                      | -                  | -           | 74                  | -12.18         | 167            | 213         | H        |
| * 18            | 26.68                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.78                      | 54                 | -2.22       | -                   | -              | 167            | 213         | H        |
| 2.996           | 65.68                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 59.18                      | -                  | -           | 74                  | -14.82         | 336            | 373         | V        |
| 3.005           | 34.07                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.57                      | 54                 | -26.43      | -                   | -              | 336            | 373         | V        |
| * 3.61          | 43.87                | PK2  | 31.8      | -41.5       | 3.2       | 3.1       | 40.47                      | -                  | -           | 74                  | -33.53         | 141            | 161         | V        |
| * 3.61          | 34.91                | MAV1 | 31.8      | -41.5       | 3.2       | 3.1       | 31.51                      | 54                 | -22.49      | -                   | -              | 141            | 161         | V        |
| * 11.97         | 35.6                 | PK2  | 39.5      | -37.4       | 6.7       | 5.7       | 50.1                       | -                  | -           | 74                  | -23.9          | 149            | 366         | V        |
| * 11.97         | 25.25                | MAV1 | 39.5      | -37.4       | 6.7       | 5.7       | 39.75                      | 54                 | -14.25      | -                   | -              | 149            | 366         | V        |
| * 17.954        | 36.39                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.49                      | -                  | -           | 74                  | -12.51         | 40             | 194         | V        |
| * 17.954        | 26.54                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.64                      | 54                 | -2.36       | -                   | -              | 40             | 194         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

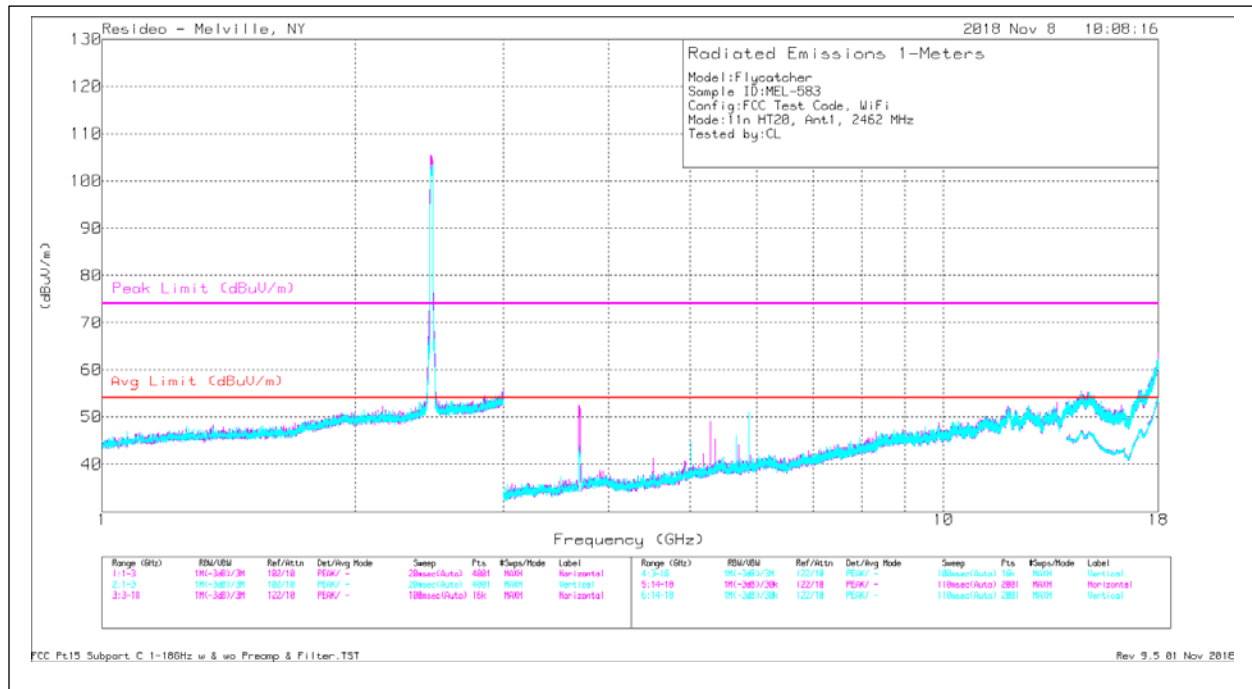
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3               | 43.52                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 37.02                      | -                  | -           | 74                  | -36.98         | 194            | 318         | H        |
| 3               | 33.46                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.96                      | 54                 | -27.04      | -                   | -              | 194            | 318         | H        |
| * 3.654         | 49.77                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 46.47                      | -                  | -           | 74                  | -27.53         | 189            | 373         | H        |
| * 3.654         | 41.43                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 38.13                      | 54                 | -15.87      | -                   | -              | 189            | 373         | H        |
| 6.197           | 39.09                | PK2  | 34.9      | -39.5       | 4.2       | 4.1       | 42.79                      | -                  | -           | 74                  | -31.21         | 106            | 190         | H        |
| 6.198           | 28.83                | MAV1 | 34.9      | -39.5       | 4.2       | 4.1       | 32.53                      | 54                 | -21.47      | -                   | -              | 106            | 190         | H        |
| * 17.969        | 39.1                 | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 64.2                       | -                  | -           | 74                  | -9.8           | 50             | 334         | H        |
| * 17.969        | 27.24                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.34                      | 54                 | -1.66       | -                   | -              | 50             | 334         | H        |
| * 2.874         | 42.55                | PK2  | 29.4      | -41.6       | 2.9       | 2.8       | 36.05                      | -                  | -           | 74                  | -37.95         | 188            | 219         | V        |
| * 2.873         | 32.95                | MAV1 | 29.4      | -41.6       | 2.9       | 2.8       | 26.45                      | 54                 | -27.55      | -                   | -              | 188            | 219         | V        |
| * 3.649         | 45.7                 | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | 42.4                       | -                  | -           | 74                  | -31.6          | 104            | 329         | V        |
| * 3.648         | 36.8                 | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 33.5                       | 54                 | -20.5       | -                   | -              | 104            | 329         | V        |
| * 4.702         | 39.95                | PK2  | 32.8      | -41.1       | 3.7       | 3.5       | 38.85                      | -                  | -           | 74                  | -35.15         | 231            | 352         | V        |
| * 4.702         | 29.48                | MAV1 | 32.8      | -41.1       | 3.7       | 3.5       | 28.38                      | 54                 | -25.62      | -                   | -              | 231            | 352         | V        |
| * 17.956        | 37.34                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.44                      | -                  | -           | 74                  | -11.56         | 321            | 100         | V        |
| * 17.957        | 26.18                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.28                      | 54                 | -2.72       | -                   | -              | 321            | 100         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

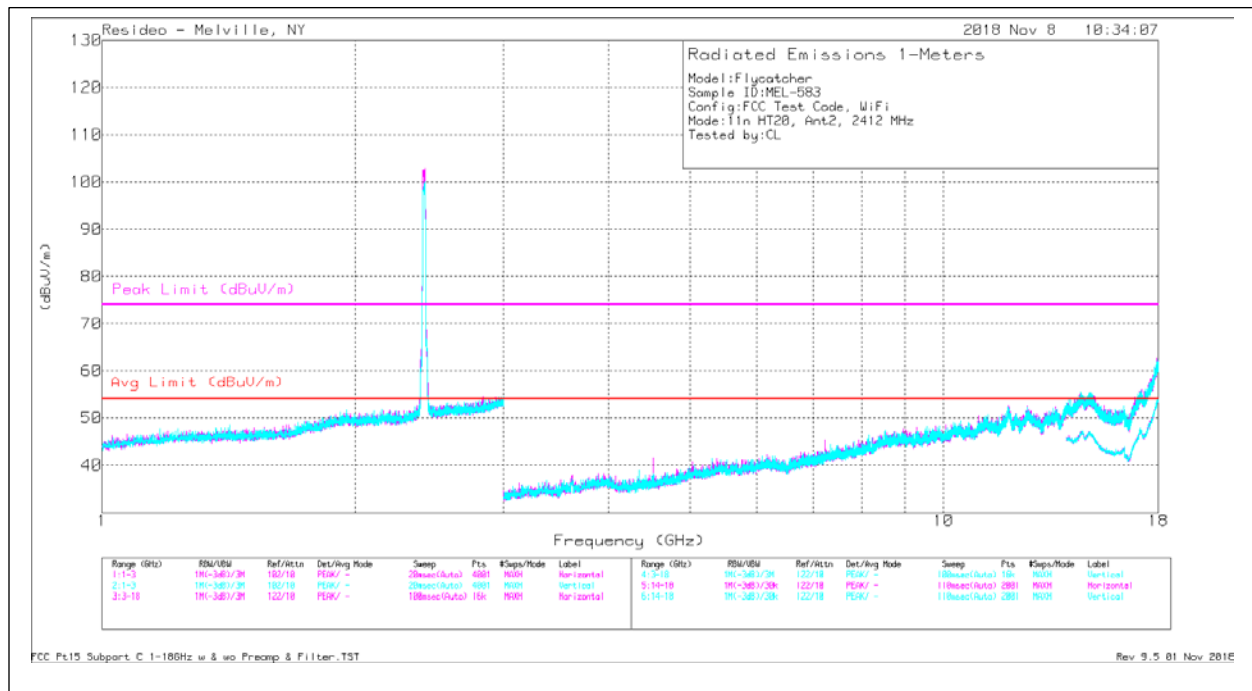
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.997           | 55.02                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 48.52                      | -                  | -           | 74                  | -25.48         | 203            | 141         | H        |
| 2.995           | 33.66                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.16                      | 54                 | -26.84      | -                   | -              | 203            | 141         | H        |
| * 3.665         | 40.18                | PK2  | 32        | -41.4       | 3.2       | 3.1       | 37.08                      | -                  | -           | 74                  | -36.92         | 339            | 108         | H        |
| * 3.664         | 30.54                | MAV1 | 32        | -41.4       | 3.2       | 3.1       | 27.44                      | 54                 | -26.56      | -                   | -              | 339            | 108         | H        |
| 5.285           | 39.8                 | PK2  | 34.1      | -41.2       | 3.9       | 3.8       | 40.4                       | -                  | -           | 74                  | -33.6          | 11             | 221         | H        |
| 5.281           | 30.19                | MAV1 | 34.1      | -41.2       | 3.9       | 3.8       | 30.79                      | 54                 | -23.21      | -                   | -              | 11             | 221         | H        |
| * 17.952        | 36.67                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.77                      | -                  | -           | 74                  | -12.23         | 108            | 285         | H        |
| * 17.95         | 26.95                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.05                      | 54                 | -1.95       | -                   | -              | 108            | 285         | H        |
| 3               | 43.45                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.95                      | -                  | -           | 74                  | -37.05         | 241            | 189         | V        |
| 2.998           | 33.35                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.85                      | 54                 | -27.15      | -                   | -              | 241            | 189         | V        |
| * 3.7           | 46.99                | PK2  | 32.2      | -41.1       | 3.3       | 3.2       | 44.59                      | -                  | -           | 74                  | -29.41         | 277            | 389         | V        |
| * 3.7           | 37.83                | MAV1 | 32.2      | -41.1       | 3.3       | 3.2       | 35.43                      | 54                 | -18.57      | -                   | -              | 277            | 389         | V        |
| 5.873           | 38.73                | PK2  | 34.4      | -40.1       | 4.2       | 4.1       | 41.33                      | -                  | -           | 74                  | -32.67         | 318            | 399         | V        |
| 5.876           | 29.26                | MAV1 | 34.4      | -40.1       | 4.2       | 4.1       | 31.86                      | 54                 | -22.14      | -                   | -              | 318            | 399         | V        |
| * 17.965        | 38.01                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 63.11                      | -                  | -           | 74                  | -10.89         | 78             | 377         | V        |
| * 17.968        | 26.97                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 52.07                      | 54                 | -1.93       | -                   | -              | 78             | 377         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel - Data



Antenna 2: Low Channel - Plot

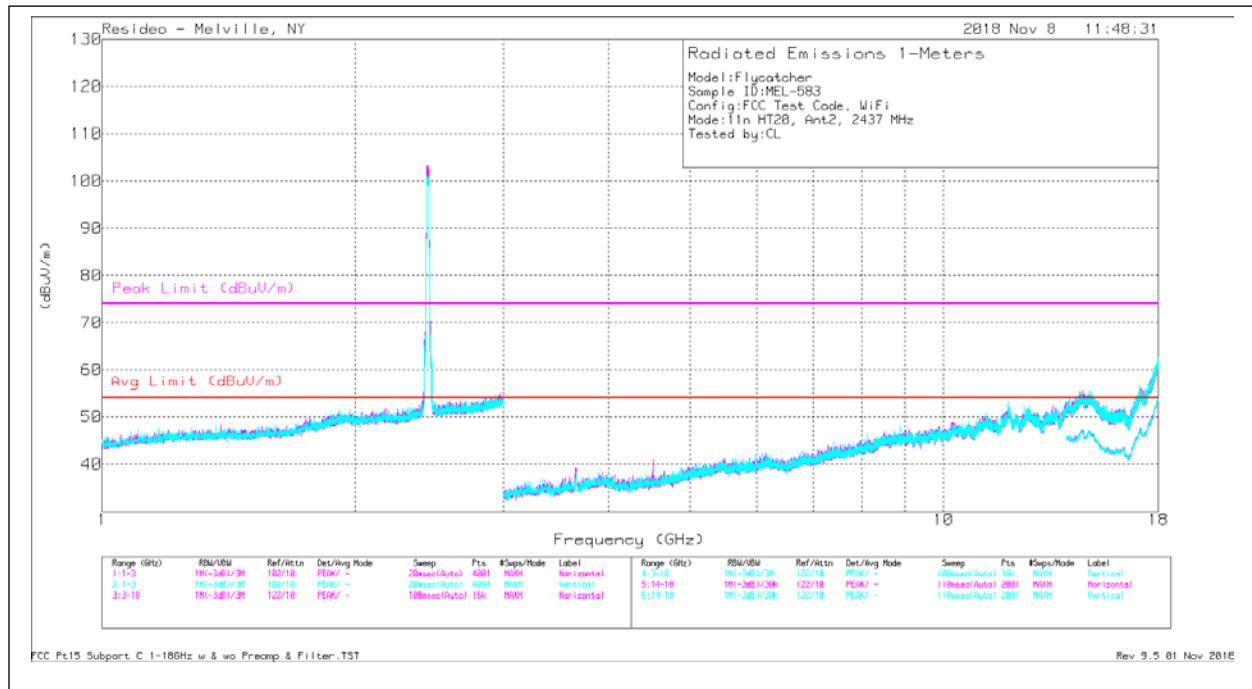
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 2.832         | 43.53                | PK2  | 29.2      | -41.5       | 2.8       | 2.7       | 36.73                      | -                  | -           | 74                  | -37.27         | 46             | 123         | H        |
| * 2.832         | 32.83                | MAV1 | 29.2      | -41.5       | 2.8       | 2.7       | 26.03                      | 54                 | -27.97      | -                   | -              | 46             | 123         | H        |
| * 4.514         | 42.8                 | PK2  | 32.5      | -41         | 3.6       | 3.5       | 41.4                       | -                  | -           | 74                  | -32.6          | 191            | 120         | H        |
| * 4.514         | 36.35                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 34.95                      | 54                 | -19.05      | -                   | -              | 191            | 120         | H        |
| * 11.932        | 36.27                | PK2  | 39.5      | -37.4       | 6.9       | 5.8       | 51.07                      | -                  | -           | 74                  | -22.93         | 112            | 397         | H        |
| * 11.933        | 25.43                | MAV1 | 39.5      | -37.4       | 6.9       | 5.8       | 40.23                      | 54                 | -13.77      | -                   | -              | 112            | 397         | H        |
| * 17.963        | 36.82                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.92                      | -                  | -           | 74                  | -12.08         | 2              | 177         | H        |
| * 17.965        | 26.74                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.84                      | 54                 | -2.16       | -                   | -              | 2              | 177         | H        |
| 3.001           | 43.29                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.79                      | -                  | -           | 74                  | -37.21         | 141            | 109         | V        |
| 2.999           | 33.04                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.54                      | 54                 | -27.46      | -                   | -              | 141            | 109         | V        |
| 5.306           | 45                   | PK2  | 34.2      | -41.2       | 4         | 3.8       | 45.8                       | -                  | -           | 74                  | -28.2          | 234            | 399         | V        |
| 5.307           | 30.53                | MAV1 | 34.2      | -41.2       | 4         | 3.8       | 31.33                      | 54                 | -22.67      | -                   | -              | 234            | 399         | V        |
| * 12.626        | 36.12                | PK2  | 38.7      | -37.1       | 6         | 6.1       | 49.82                      | -                  | -           | 74                  | -24.18         | 96             | 278         | V        |
| * 12.626        | 26.74                | MAV1 | 38.7      | -37.1       | 6         | 6.1       | 40.44                      | 54                 | -13.56      | -                   | -              | 96             | 278         | V        |
| * 17.958        | 36.93                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.03                      | -                  | -           | 74                  | -11.97         | 15             | 197         | V        |
| * 17.962        | 26.66                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.76                      | 54                 | -2.24       | -                   | -              | 15             | 197         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

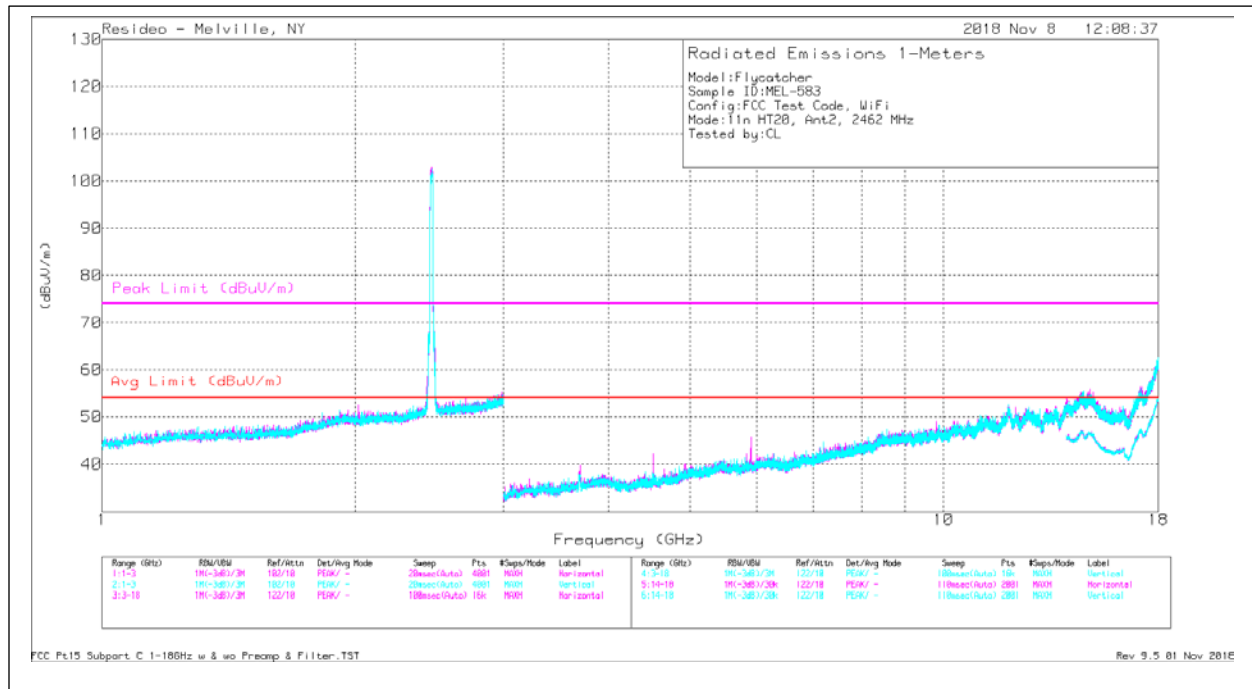
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3               | 41.85                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 35.35                      | -                  | -           | 74                  | -38.65         | 353            | 133         | H        |
| 3               | 32.54                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.04                      | 54                 | -27.96      | -                   | -              | 353            | 133         | H        |
| * 3.663         | 42.11                | PK2  | 32        | -41.4       | 3.2       | 3.1       | 39.01                      | -                  | -           | 74                  | -34.99         | 124            | 184         | H        |
| * 3.661         | 31.26                | MAV1 | 32        | -41.4       | 3.2       | 3.1       | 28.16                      | 54                 | -25.84      | -                   | -              | 124            | 184         | H        |
| * 4.514         | 52.8                 | PK2  | 32.5      | -41         | 3.6       | 3.5       | 51.4                       | -                  | -           | 74                  | -22.6          | 76             | 235         | H        |
| * 4.514         | 31.67                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 30.27                      | 54                 | -23.73      | -                   | -              | 76             | 235         | H        |
| * 17.999        | 38.01                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 63.11                      | -                  | -           | 74                  | -10.89         | 123            | 310         | H        |
| * 17.999        | 25.85                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 50.95                      | 54                 | -3.05       | -                   | -              | 123            | 310         | H        |
| 2.933           | 43.17                | PK2  | 29.8      | -42         | 2.9       | 2.8       | 36.67                      | -                  | -           | 74                  | -37.33         | 39             | 242         | V        |
| 2.935           | 33.33                | MAV1 | 29.8      | -42         | 2.9       | 2.8       | 26.83                      | 54                 | -27.17      | -                   | -              | 39             | 242         | V        |
| 8.875           | 35.4                 | PK2  | 37.8      | -38.9       | 5.3       | 5.1       | 44.7                       | -                  | -           | 74                  | -29.3          | 287            | 118         | V        |
| 8.873           | 25.89                | MAV1 | 37.8      | -38.9       | 5.3       | 5.1       | 35.19                      | 54                 | -18.81      | -                   | -              | 287            | 118         | V        |
| * 11.945        | 35.82                | PK2  | 39.5      | -37.4       | 6.8       | 5.8       | 50.52                      | -                  | -           | 74                  | -23.48         | 258            | 218         | V        |
| * 11.947        | 24.93                | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 39.63                      | 54                 | -14.37      | -                   | -              | 258            | 218         | V        |
| * 17.943        | 36.76                | PK2  | 47.9      | -37.9       | 7.7       | 7.3       | 61.76                      | -                  | -           | 74                  | -12.24         | 151            | 383         | V        |
| * 17.945        | 26.81                | MAV1 | 47.9      | -37.9       | 7.7       | 7.3       | 51.81                      | 54                 | -2.19       | -                   | -              | 151            | 383         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3               | 43.07                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 36.57                      | -                  | -           | 74                  | -37.43         | 37             | 221         | H        |
| 3               | 33.73                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 27.23                      | 54                 | -26.77      | -                   | -              | 37             | 221         | H        |
| * 4.514         | 43.06                | PK2  | 32.5      | -41         | 3.6       | 3.5       | 41.66                      | -                  | -           | 74                  | -32.34         | 204            | 117         | H        |
| * 4.514         | 36.98                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 35.58                      | 54                 | -18.42      | -                   | -              | 204            | 117         | H        |
| 5.907           | 38.85                | PK2  | 34.5      | -40         | 4.2       | 4         | 41.55                      | -                  | -           | 74                  | -32.45         | 55             | 347         | H        |
| 5.911           | 29.17                | MAV1 | 34.5      | -40         | 4.2       | 4         | 31.87                      | 54                 | -22.13      | -                   | -              | 55             | 347         | H        |
| * 17.998        | 36.54                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 61.64                      | -                  | -           | 74                  | -12.36         | 357            | 233         | H        |
| * 17.998        | 26.6                 | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.7                       | 54                 | -2.3        | -                   | -              | 357            | 233         | H        |
| 2.998           | 43.65                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | 37.15                      | -                  | -           | 74                  | -36.85         | 172            | 132         | V        |
| 2.998           | 32.72                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 26.22                      | 54                 | -27.78      | -                   | -              | 172            | 132         | V        |
| * 3.694         | 39.94                | PK2  | 32.2      | -41.2       | 3.3       | 3.1       | 37.34                      | -                  | -           | 74                  | -36.66         | 113            | 122         | V        |
| * 3.694         | 30.27                | MAV1 | 32.2      | -41.2       | 3.3       | 3.1       | 27.67                      | 54                 | -26.33      | -                   | -              | 113            | 122         | V        |
| * 11.944        | 34.85                | PK2  | 39.5      | -37.4       | 6.8       | 5.8       | 49.55                      | -                  | -           | 74                  | -24.45         | 310            | 116         | V        |
| * 11.945        | 24.57                | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 39.27                      | 54                 | -14.73      | -                   | -              | 310            | 116         | V        |
| * 17.987        | 37.29                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | 62.39                      | -                  | -           | 74                  | -11.61         | 208            | 175         | V        |
| * 17.988        | 26.54                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 51.64                      | 54                 | -2.36       | -                   | -              | 208            | 175         | V        |

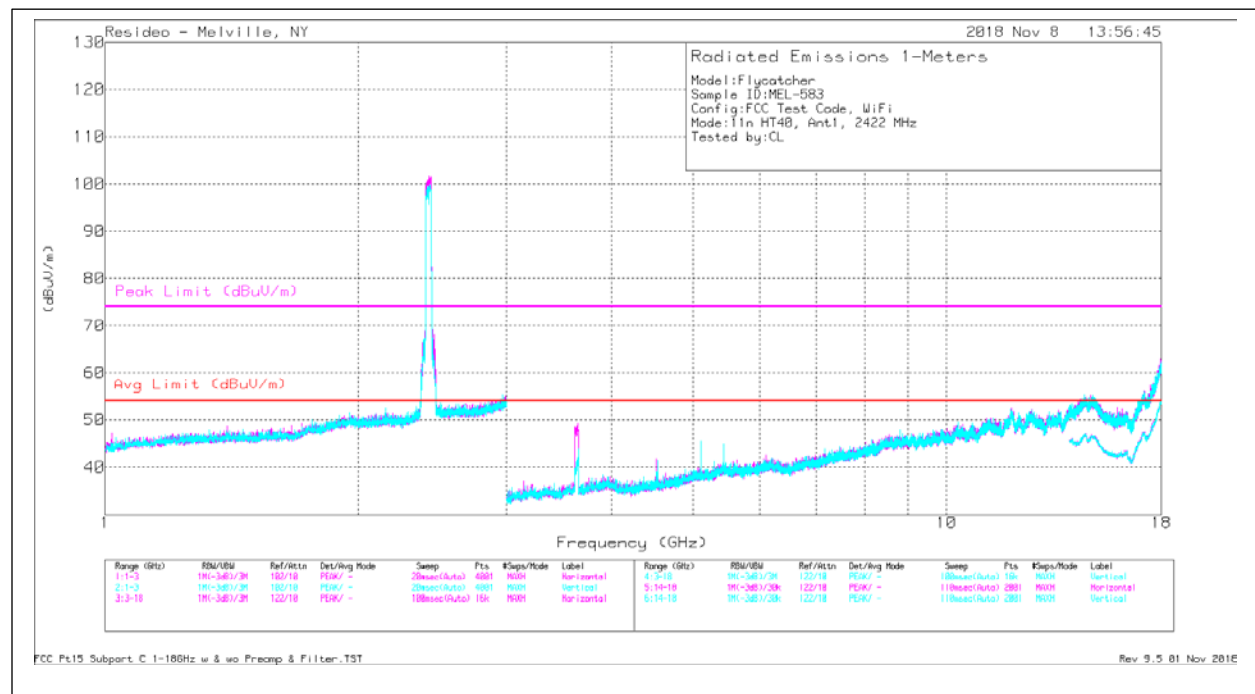
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: High Channel - Data

**1-18GHz – 802.11n HT40 Mode**



Antenna 1: Low Channel - Plot

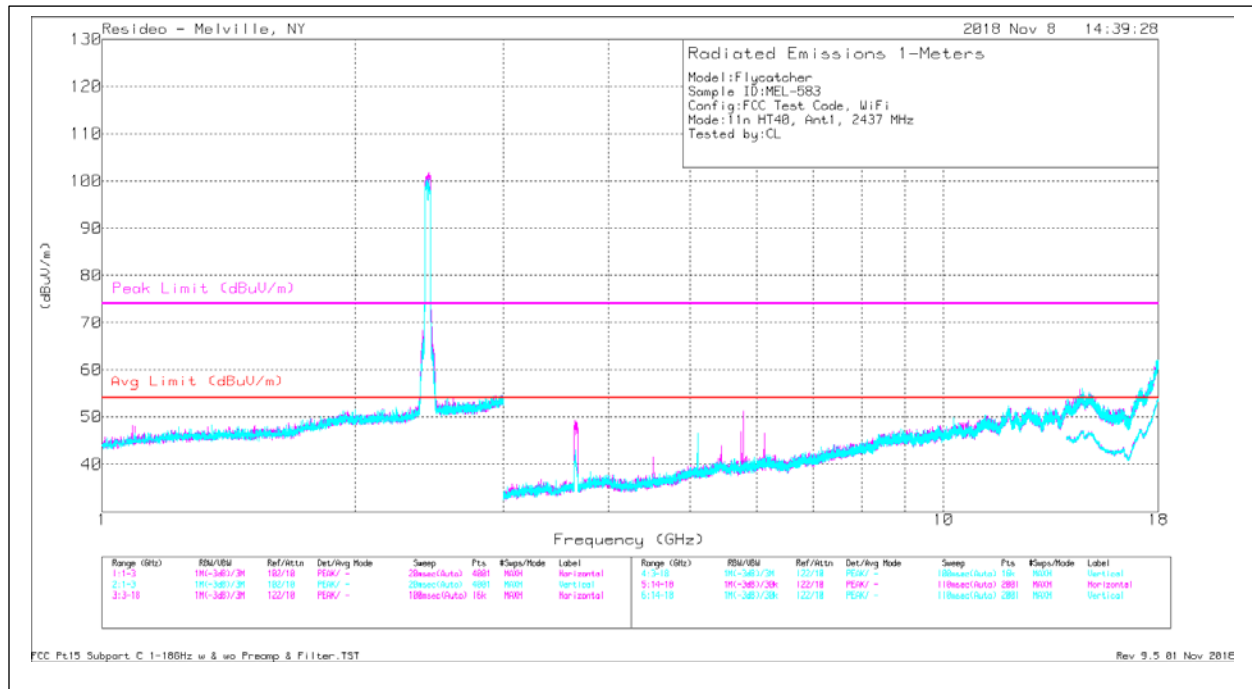
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 3.646         | 41.22                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | -            | 37.92                      | -                  | -           | 74                  | -36.08         | 176            | 340         | H        |
| * 3.645         | 31.03                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 0.1          | 27.83                      | 54                 | -26.17      | -                   | -              | 176            | 340         | H        |
| 2.984           | 44.44                | PK2  | 30.2      | -42.4       | 2.9       | 2.8       | -            | 37.94                      | -                  | -           | 74                  | -36.06         | 13             | 210         | H        |
| 2.985           | 34.3                 | MAV1 | 30.2      | -42.4       | 2.9       | 2.8       | 0.1          | 27.9                       | 54                 | -26.1       | -                   | -              | 13             | 210         | H        |
| * 4.514         | 44.32                | PK2  | 32.5      | -41         | 3.6       | 3.5       | -            | 42.92                      | -                  | -           | 74                  | -31.08         | 208            | 163         | H        |
| * 4.514         | 38.42                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 0.1          | 37.12                      | 54                 | -16.88      | -                   | -              | 208            | 163         | H        |
| * 18            | 36.94                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 62.04                      | -                  | -           | 74                  | -11.96         | 89             | 388         | H        |
| * 17.997        | 26.52                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 51.72                      | 54                 | -2.28       | -                   | -              | 89             | 388         | H        |
| 2.971           | 43.86                | PK2  | 30.1      | -42.3       | 2.9       | 2.8       | -            | 37.36                      | -                  | -           | 74                  | -36.64         | 3              | 124         | V        |
| 2.968           | 33.48                | MAV1 | 30.1      | -42.3       | 2.9       | 2.8       | 0.1          | 27.08                      | 54                 | -26.92      | -                   | -              | 3              | 124         | V        |
| * 3.649         | 41.54                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | -            | 38.24                      | -                  | -           | 74                  | -35.76         | 25             | 152         | V        |
| * 3.648         | 31.07                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 0.1          | 27.87                      | 54                 | -26.13      | -                   | -              | 25             | 152         | V        |
| * 5.103         | 39.54                | PK2  | 33.8      | -41.3       | 3.8       | 3.7       | -            | 39.54                      | -                  | -           | 74                  | -34.46         | 317            | 143         | V        |
| * 5.101         | 30.85                | MAV1 | 33.8      | -41.3       | 3.8       | 3.7       | 0.1          | 30.95                      | 54                 | -23.05      | -                   | -              | 317            | 143         | V        |
| * 17.99         | 39.13                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 64.23                      | -                  | -           | 74                  | -9.77          | 307            | 276         | V        |
| * 17.99         | 27.56                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 52.76                      | 54                 | -1.24       | -                   | -              | 307            | 276         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Low Channel - Data



Antenna 1: Mid Channel - Plot

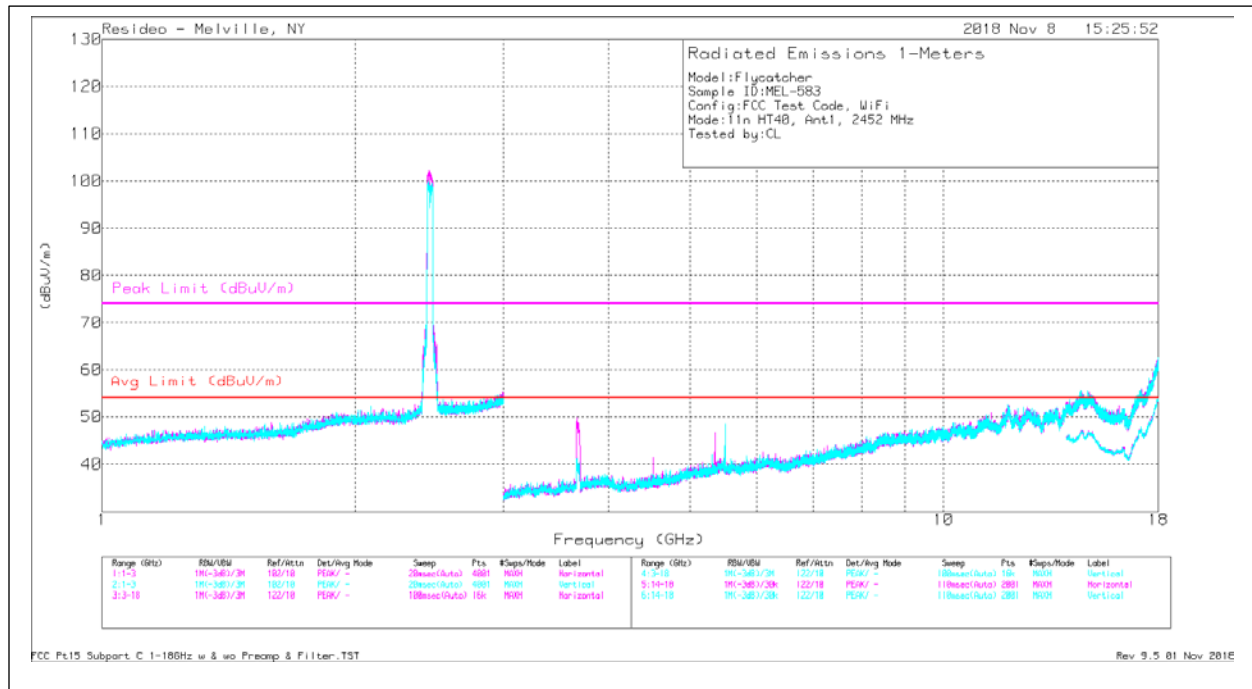
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.968           | 43.84                | PK2  | 30.1      | -42.3       | 2.9       | 2.8       | -            | 37.34                      | -                  | -           | 74                  | -36.66         | 242            | 163         | H        |
| 2.969           | 33.74                | MAV1 | 30.1      | -42.3       | 2.9       | 2.8       | 0.1          | 27.34                      | 54                 | -26.66      | -                   | -              | 242            | 163         | H        |
| 5.779           | 33.06                | PK2  | 34.2      | -40         | 4         | 4         | -            | 35.26                      | -                  | -           | 74                  | -38.74         | 67             | 296         | H        |
| 5.778           | 23.1                 | MAV1 | 34.2      | -40         | 4         | 4         | 0.1          | 25.4                       | 54                 | -28.6       | -                   | -              | 67             | 296         | H        |
| * 17.978        | 36.11                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 61.21                      | -                  | -           | 74                  | -12.79         | 11             | 308         | H        |
| * 17.978        | 26.52                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 51.72                      | 54                 | -2.28       | -                   | -              | 11             | 308         | H        |
| * 3.644         | 43.99                | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | -            | 40.69                      | -                  | -           | 74                  | -33.31         | 135            | 259         | H        |
| * 3.646         | 35.02                | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 0.1          | 31.82                      | 54                 | -22.18      | -                   | -              | 135            | 259         | H        |
| 2.992           | 43.38                | PK2  | 30.2      | -42.5       | 2.9       | 2.8       | -            | 36.78                      | -                  | -           | 74                  | -37.22         | 107            | 147         | V        |
| 2.992           | 33.61                | MAV1 | 30.2      | -42.5       | 2.9       | 2.8       | 0.1          | 27.11                      | 54                 | -26.89      | -                   | -              | 107            | 147         | V        |
| * 3.654         | 43                   | PK2  | 31.9      | -41.5       | 3.2       | 3.1       | -            | 39.7                       | -                  | -           | 74                  | -34.3          | 50             | 283         | V        |
| * 3.654         | 32.3                 | MAV1 | 31.9      | -41.5       | 3.2       | 3.1       | 0.1          | 29.1                       | 54                 | -24.9       | -                   | -              | 50             | 283         | V        |
| * 5.101         | 40.09                | PK2  | 33.8      | -41.3       | 3.8       | 3.7       | -            | 40.09                      | -                  | -           | 74                  | -33.91         | 359            | 328         | V        |
| * 5.101         | 30.26                | MAV1 | 33.8      | -41.3       | 3.8       | 3.7       | 0.1          | 30.36                      | 54                 | -23.64      | -                   | -              | 359            | 328         | V        |
| * 17.975        | 35.86                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 60.96                      | -                  | -           | 74                  | -13.04         | 164            | 111         | V        |
| * 17.975        | 26.87                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 52.07                      | 54                 | -1.93       | -                   | -              | 164            | 111         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: Mid Channel - Data



Antenna 1: High Channel - Plot

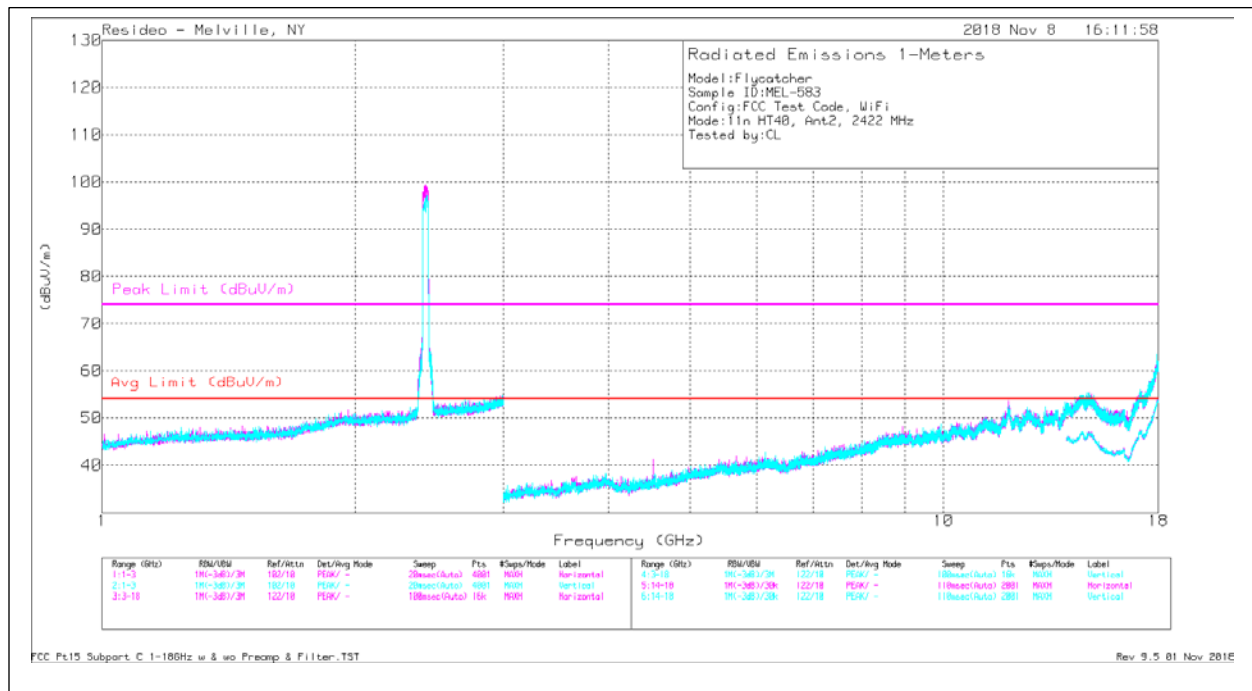
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.998           | 44.16                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 37.66                      | -                  | -           | 74                  | -36.34         | 42             | 273         | H        |
| 2.999           | 33.61                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 27.21                      | 54                 | -26.79      | -                   | -              | 42             | 273         | H        |
| * 3.668         | 48.31                | PK2  | 32        | -41.4       | 3.3       | 3.1       | -            | 45.31                      | -                  | -           | 74                  | -28.69         | 181            | 235         | H        |
| * 3.668         | 39.27                | MAV1 | 32        | -41.4       | 3.3       | 3.1       | 0.1          | 36.37                      | 54                 | -17.63      | -                   | -              | 181            | 235         | H        |
| 5.345           | 39.31                | PK2  | 34.2      | -41.3       | 3.9       | 3.8       | -            | 39.91                      | -                  | -           | 74                  | -34.09         | 259            | 231         | H        |
| 5.348           | 29.86                | MAV1 | 34.2      | -41.3       | 3.9       | 3.8       | 0.1          | 30.56                      | 54                 | -23.44      | -                   | -              | 259            | 231         | H        |
| * 17.997        | 37.26                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 62.36                      | -                  | -           | 74                  | -11.64         | 267            | 201         | H        |
| * 17.994        | 26.86                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 52.06                      | 54                 | -1.94       | -                   | -              | 267            | 201         | H        |
| 2.961           | 43.36                | PK2  | 30        | -42.2       | 2.9       | 2.8       | -            | 36.86                      | -                  | -           | 74                  | -37.14         | 104            | 293         | V        |
| 2.961           | 33.35                | MAV1 | 30        | -42.2       | 2.9       | 2.8       | 0.1          | 26.95                      | 54                 | -27.05      | -                   | -              | 104            | 293         | V        |
| * 3.672         | 45                   | PK2  | 32        | -41.3       | 3.3       | 3.1       | -            | 42.1                       | -                  | -           | 74                  | -31.9          | 110            | 338         | V        |
| * 3.67          | 35.67                | MAV1 | 32        | -41.4       | 3.3       | 3.1       | 0.1          | 32.77                      | 54                 | -21.23      | -                   | -              | 110            | 338         | V        |
| 5.495           | 43.5                 | PK2  | 34.4      | -40.7       | 4         | 3.8       | -            | 45                         | -                  | -           | 74                  | -29            | 250            | 348         | V        |
| 5.495           | 29.44                | MAV1 | 34.4      | -40.7       | 4         | 3.8       | 0.1          | 31.04                      | 54                 | -22.96      | -                   | -              | 250            | 348         | V        |
| * 17.973        | 37.4                 | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 62.5                       | -                  | -           | 74                  | -11.5          | 269            | 270         | V        |
| * 17.976        | 26.34                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 51.54                      | 54                 | -2.46       | -                   | -              | 269            | 270         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 1: High Channel - Data



Antenna 2: Low Channel - Plot

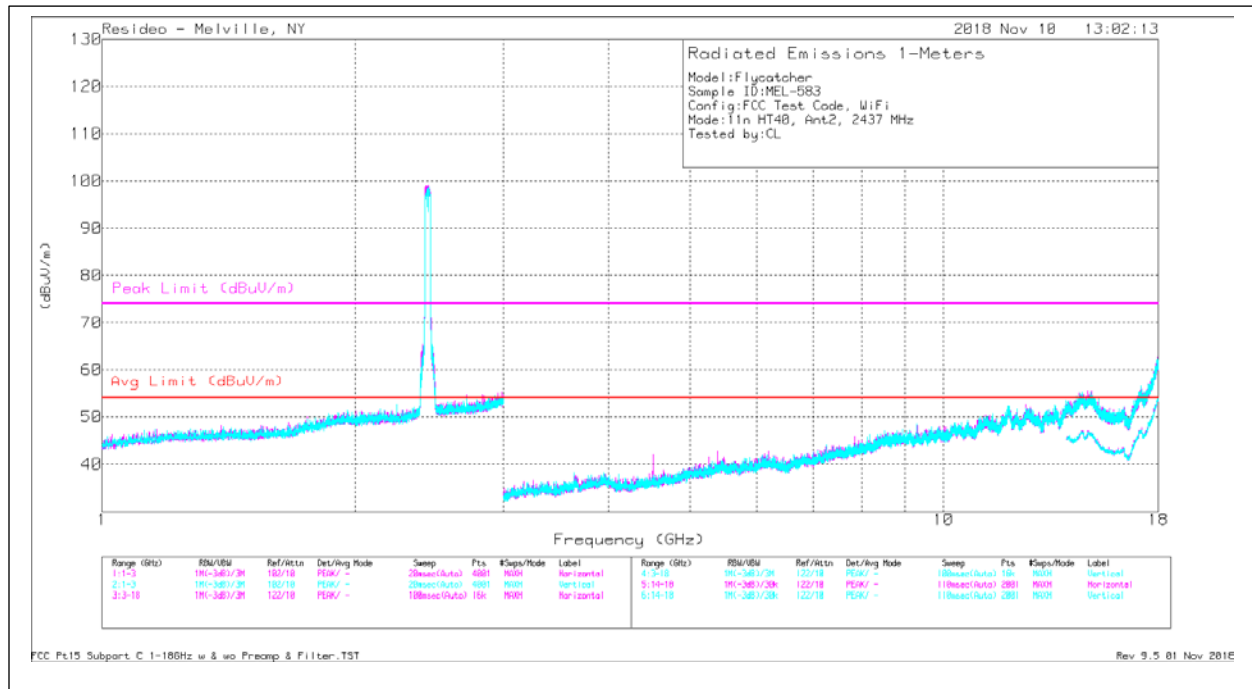
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2.999           | 43.25                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 36.75                      | -                  | -           | 74                  | -37.25         | 20             | 220         | H        |
| 3               | 33.68                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 27.28                      | 54                 | -26.72      | -                   | -              | 20             | 220         | H        |
| * 4.514         | 44.22                | PK2  | 32.5      | -41         | 3.6       | 3.5       | -            | 42.82                      | -                  | -           | 74                  | -31.18         | 196            | 168         | H        |
| * 4.514         | 38.34                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 0.1          | 37.04                      | 54                 | -16.96      | -                   | -              | 196            | 168         | H        |
| * 11.95         | 36.32                | PK2  | 39.5      | -37.4       | 6.8       | 5.8       | -            | 51.02                      | -                  | -           | 74                  | -22.98         | 82             | 135         | H        |
| * 11.952        | 25.6                 | MAV1 | 39.5      | -37.4       | 6.8       | 5.8       | 0.1          | 40.4                       | 54                 | -13.6       | -                   | -              | 82             | 135         | H        |
| * 17.964        | 37.03                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 62.13                      | -                  | -           | 74                  | -11.87         | 82             | 221         | H        |
| * 17.961        | 26.47                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 51.67                      | 54                 | -2.33       | -                   | -              | 82             | 221         | H        |
| 3.001           | 42.86                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 36.36                      | -                  | -           | 74                  | -37.64         | 115            | 144         | V        |
| 2.998           | 33.85                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 27.45                      | 54                 | -26.55      | -                   | -              | 115            | 144         | V        |
| 6.136           | 39.24                | PK2  | 34.9      | -39.7       | 4.2       | 4         | -            | 42.64                      | -                  | -           | 74                  | -31.36         | 214            | 187         | V        |
| 6.137           | 28.81                | MAV1 | 34.9      | -39.7       | 4.2       | 4         | 0.1          | 32.31                      | 54                 | -21.69      | -                   | -              | 214            | 187         | V        |
| 13.206          | 36.68                | PK2  | 39.6      | -36.1       | 6.5       | 6.2       | -            | 52.88                      | -                  | -           | 74                  | -21.12         | 272            | 177         | V        |
| 13.204          | 26.09                | MAV1 | 39.6      | -36.1       | 6.5       | 6.2       | 0.1          | 42.39                      | 54                 | -11.61      | -                   | -              | 272            | 177         | V        |
| * 17.969        | 36.05                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 61.15                      | -                  | -           | 74                  | -12.85         | 29             | 119         | V        |
| * 17.97         | 26.65                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 51.85                      | 54                 | -2.15       | -                   | -              | 29             | 119         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Low Channel - Data



Antenna 2: Mid Channel - Plot

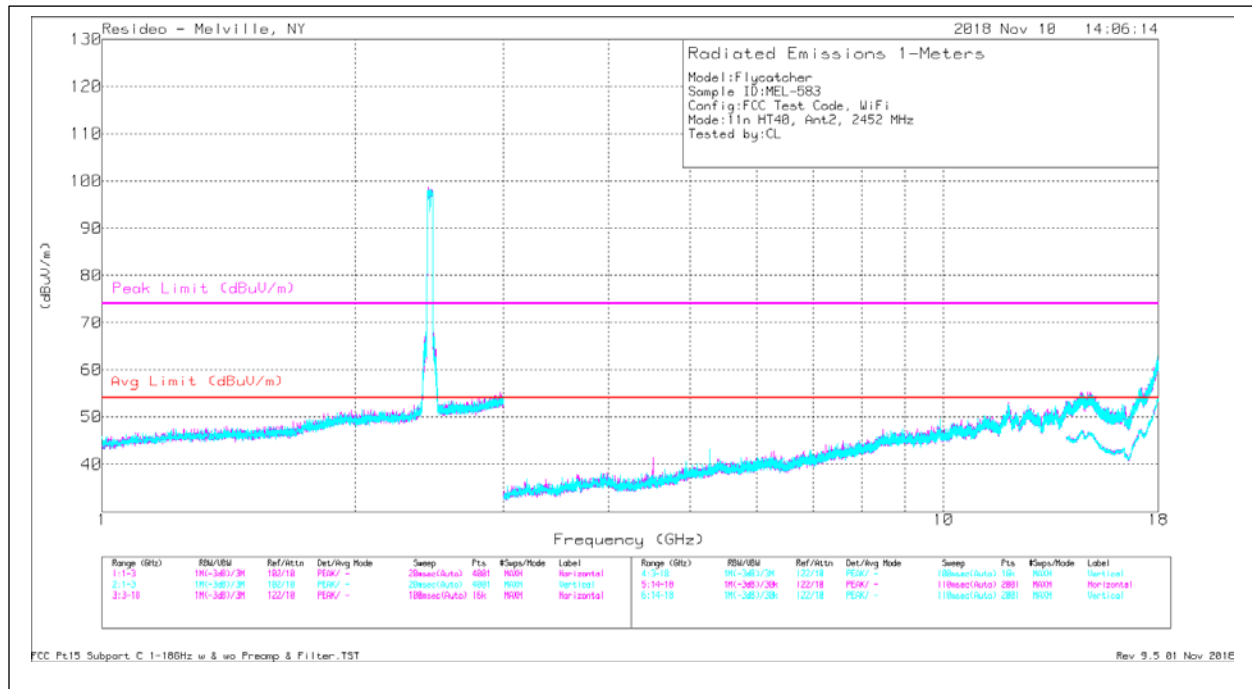
| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [dB] | DC Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3               | 42.78                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 36.28                      | -                  | -           | 74                  | -37.72         | 30             | 220         | H        |
| 3.001           | 33.56                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 27.16                      | 54                 | -26.84      | -                   | -              | 30             | 220         | H        |
| * 4.514         | 44.6                 | PK2  | 32.5      | -41         | 3.6       | 3.5       | -            | 43.2                       | -                  | -           | 74                  | -30.8          | 202            | 222         | H        |
| * 4.514         | 38.5                 | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 0.1          | 37.2                       | 54                 | -16.8       | -                   | -              | 202            | 222         | H        |
| * 9.302         | 35.85                | PK2  | 37.8      | -38.9       | 5.4       | 5.1       | -            | 45.25                      | -                  | -           | 74                  | -28.75         | 57             | 192         | H        |
| * 9.302         | 25.32                | MAV1 | 37.8      | -38.9       | 5.4       | 5.1       | 0.1          | 34.82                      | 54                 | -19.18      | -                   | -              | 57             | 192         | H        |
| * 17.98         | 37.71                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 62.81                      | -                  | -           | 74                  | -11.19         | 297            | 324         | H        |
| * 17.976        | 27.24                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 52.44                      | 54                 | -1.56       | -                   | -              | 297            | 324         | H        |
| 2.998           | 43.95                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 37.45                      | -                  | -           | 74                  | -36.55         | 348            | 152         | V        |
| 3               | 33.86                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 27.46                      | 54                 | -26.54      | -                   | -              | 348            | 152         | V        |
| * 8.172         | 36.53                | PK2  | 37        | -39.4       | 5         | 4.9       | -            | 44.03                      | -                  | -           | 74                  | -29.97         | 208            | 309         | V        |
| * 8.175         | 26.21                | MAV1 | 37        | -39.4       | 5         | 4.9       | 0.1          | 33.61                      | 54                 | -20.19      | -                   | -              | 208            | 309         | V        |
| 9.299           | 36.51                | PK2  | 37.8      | -38.9       | 5.4       | 5.1       | -            | 45.91                      | -                  | -           | 74                  | -28.09         | 336            | 192         | V        |
| 9.297           | 25.9                 | MAV1 | 37.8      | -38.9       | 5.4       | 5.1       | 0.1          | 35.4                       | 54                 | -18.6       | -                   | -              | 336            | 192         | V        |
| * 17.972        | 37.15                | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 62.25                      | -                  | -           | 74                  | -11.75         | 141            | 120         | V        |
| * 17.969        | 27.01                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 52.21                      | 54                 | -1.79       | -                   | -              | 141            | 120         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: Mid Channel - Data



Antenna 2: High Channel – Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det  | AF [dB/m] | SWBOX2 [dB] | SMA7 [dB] | SMA5 [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 |
|-----------------|----------------------|------|-----------|-------------|-----------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3.001           | 42.15                | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 35.65                      | -                  | -           | 74                  | -38.35         | 206            | 195         | H        |
| 3.001           | 33.39                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 26.99                      | 54                 | -27.01      | -                   | -              | 206            | 195         | H        |
| * 4.514         | 44.03                | PK2  | 32.5      | -41         | 3.6       | 3.5       | -            | 42.63                      | -                  | -           | 74                  | -31.37         | 202            | 186         | H        |
| * 4.514         | 38.45                | MAV1 | 32.5      | -41         | 3.6       | 3.5       | 0.1          | 37.15                      | 54                 | -16.85      | -                   | -              | 202            | 186         | H        |
| * 11.934        | 35.14                | PK2  | 39.5      | -37.4       | 6.9       | 5.8       | -            | 49.94                      | -                  | -           | 74                  | -24.06         | 31             | 182         | H        |
| * 11.934        | 25.92                | MAV1 | 39.5      | -37.4       | 6.9       | 5.8       | 0.1          | 40.82                      | 54                 | -13.18      | -                   | -              | 31             | 182         | H        |
| * 17.936        | 36.66                | PK2  | 47.9      | -37.9       | 7.7       | 7.3       | -            | 61.66                      | -                  | -           | 74                  | -12.34         | 345            | 117         | H        |
| * 17.94         | 26.52                | MAV1 | 47.9      | -37.9       | 7.7       | 7.3       | 0.1          | 51.62                      | 54                 | -2.38       | -                   | -              | 345            | 117         | H        |
| 2.999           | 45.5                 | PK2  | 30.3      | -42.5       | 2.9       | 2.8       | -            | 39                         | -                  | -           | 74                  | -35            | 302            | 104         | V        |
| 3.001           | 33.95                | MAV1 | 30.3      | -42.5       | 2.9       | 2.8       | 0.1          | 27.55                      | 54                 | -26.45      | -                   | -              | 302            | 104         | V        |
| 5.277           | 40.89                | PK2  | 34.1      | -41.1       | 3.9       | 3.8       | -            | 41.59                      | -                  | -           | 74                  | -32.41         | 236            | 180         | V        |
| 5.276           | 30.35                | MAV1 | 34.1      | -41.1       | 3.9       | 3.8       | 0.1          | 31.15                      | 54                 | -22.85      | -                   | -              | 236            | 180         | V        |
| 9.897           | 35.76                | PK2  | 38.2      | -39.2       | 5.5       | 5.2       | -            | 45.46                      | -                  | -           | 74                  | -28.54         | 321            | 327         | V        |
| 9.899           | 26.15                | MAV1 | 38.2      | -39.2       | 5.5       | 5.2       | 0.1          | 35.95                      | 54                 | -18.05      | -                   | -              | 321            | 327         | V        |
| * 17.996        | 39                   | PK2  | 47.9      | -37.8       | 7.7       | 7.3       | -            | 64.1                       | -                  | -           | 74                  | -9.9           | 19             | 243         | V        |
| * 17.998        | 27.67                | MAV1 | 47.9      | -37.8       | 7.7       | 7.3       | 0.1          | 52.87                      | 54                 | -1.13       | -                   | -              | 19             | 243         | V        |

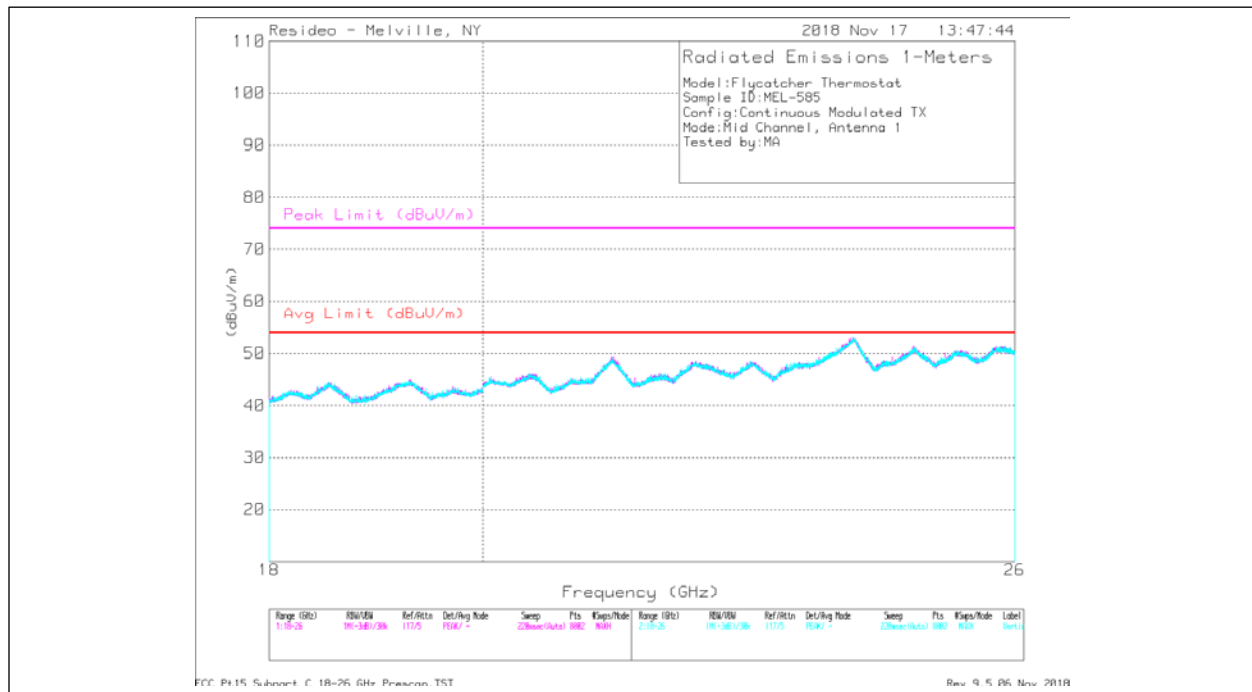
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 2: High Channel – Data

**Above 18GHz (Worse-case, 802.11b Mode)**



Mid Channel – Plot

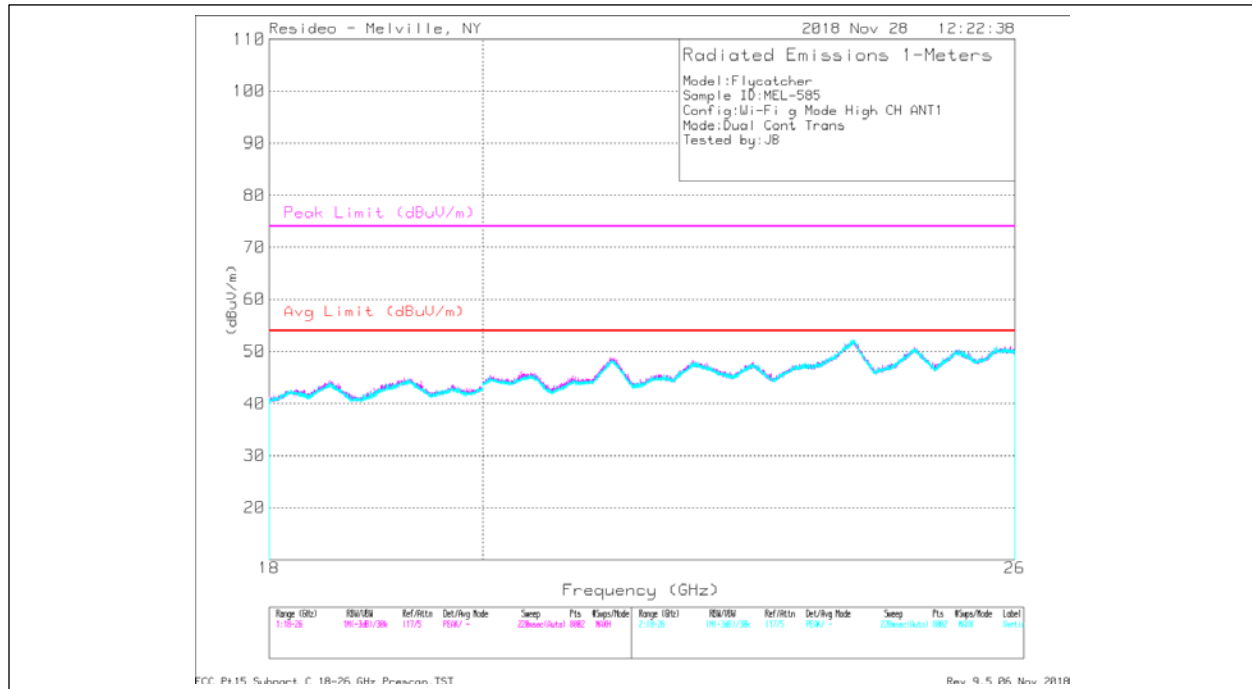
| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SMA8 [dB] | Preamp [dB] | Dist Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-----------|-------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 21.312        | 38.29                | Pk  | 44.9      | 7.7       | -32         | -9.5           | 49.39                      | 54                 | -4.61       | 74                  | -24.61         | 0-360          | 100         | H        |
| 24.001          | 38.3                 | Pk  | 46.4      | 8.2       | -30.5       | -9.5           | 52.9                       | 54                 | -1.1        | 74                  | -21.1          | 0-360          | 100         | H        |
| 25.876          | 39.65                | Pk  | 47.1      | 8.6       | -34.5       | -9.5           | 51.35                      | 54                 | -2.65       | 74                  | -22.65         | 0-360          | 100         | H        |
| * 21.307        | 37.84                | Pk  | 44.9      | 7.7       | -32.1       | -9.5           | 48.84                      | 54                 | -5.16       | 74                  | -25.16         | 0-360          | 100         | V        |
| * 23.999        | 38.65                | Pk  | 46.4      | 8.2       | -30.6       | -9.5           | 53.15                      | 54                 | -8.5        | 74                  | -20.85         | 0-360          | 100         | V        |
| 25.32           | 39.04                | Pk  | 46.8      | 8.5       | -34.6       | -9.5           | 50.24                      | 54                 | -3.76       | 74                  | -23.76         | 0-360          | 100         | V        |

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

Mid Channel - Data

Note: No emissions detected above the system noise floor

**Above 18GHz (Worse-case, 802.11g Mode)**



High Channel - Plot

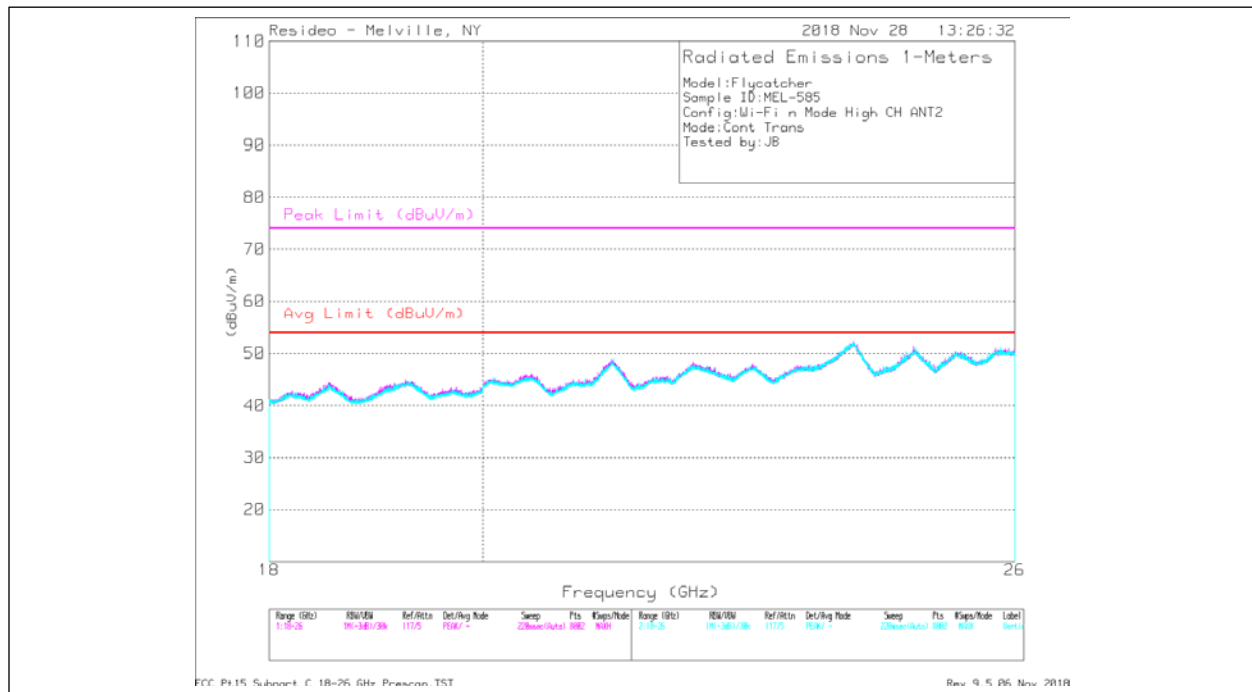
| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SMA8 [dB] | Preamp [dB] | Dist Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-----------|-------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 21.299        | 38.07                | Pk  | 44.9      | 7.7       | -32.2       | -9.5           | 48.97                      | 54                 | -5.03       | 74                  | -25.03         | 0-360          | 100         | H        |
| * 23.998        | 37.69                | Pk  | 46.4      | 8.2       | -30.6       | -9.5           | 52.19                      | 54                 | -1.81       | 74                  | -21.81         | 0-360          | 100         | H        |
| 24.742          | 38.41                | Pk  | 46        | 8.4       | -32.5       | -9.5           | 50.81                      | 54                 | -3.19       | 74                  | -23.19         | 0-360          | 100         | H        |
| * 21.312        | 37.38                | Pk  | 44.9      | 7.7       | -32         | -9.5           | 48.48                      | 54                 | -5.52       | 74                  | -25.52         | 0-360          | 100         | V        |
| 24.003          | 37.82                | Pk  | 46.3      | 8.2       | -30.5       | -9.5           | 52.32                      | 54                 | -1.68       | 74                  | -21.68         | 0-360          | 100         | V        |
| 24.741          | 38.32                | Pk  | 46        | 8.4       | -32.5       | -9.5           | 50.72                      | 54                 | -3.28       | 74                  | -23.28         | 0-360          | 100         | V        |

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

High Channel – Data

Note: No emissions detected above the system noise floor

**Above 18GHz (Worse-case, 802.11n HT20 Mode)**



High Channel - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SMA8 [dB] | Preamp [dB] | Dist Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-----------|-------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 21.312        | 37.88                | Pk  | 44.9      | 7.7       | -32         | -9.5           | 48.98                      | 54                 | -5.02       | 74                  | -25.02         | 0-360          | 100         | H        |
| 24.007          | 37.93                | Pk  | 46.3      | 8.2       | -30.5       | -9.5           | 52.43                      | 54                 | -1.57       | 74                  | -21.57         | 0-360          | 100         | H        |
| 25.814          | 39.38                | Pk  | 47.1      | 8.5       | -34.5       | -9.5           | 50.98                      | 54                 | -3.02       | 74                  | -23.02         | 0-360          | 100         | H        |
| * 21.313        | 37.34                | Pk  | 44.9      | 7.7       | -32         | -9.5           | 48.44                      | 54                 | -5.56       | 74                  | -25.56         | 0-360          | 100         | V        |
| * 23.97         | 37.55                | Pk  | 46.3      | 8.2       | -30.9       | -9.5           | 51.65                      | 54                 | -2.35       | 74                  | -22.35         | 0-360          | 100         | V        |
| 25.814          | 39.6                 | Pk  | 47.1      | 8.5       | -34.5       | -9.5           | 51.2                       | 54                 | -2.8        | 74                  | -22.8          | 0-360          | 100         | V        |

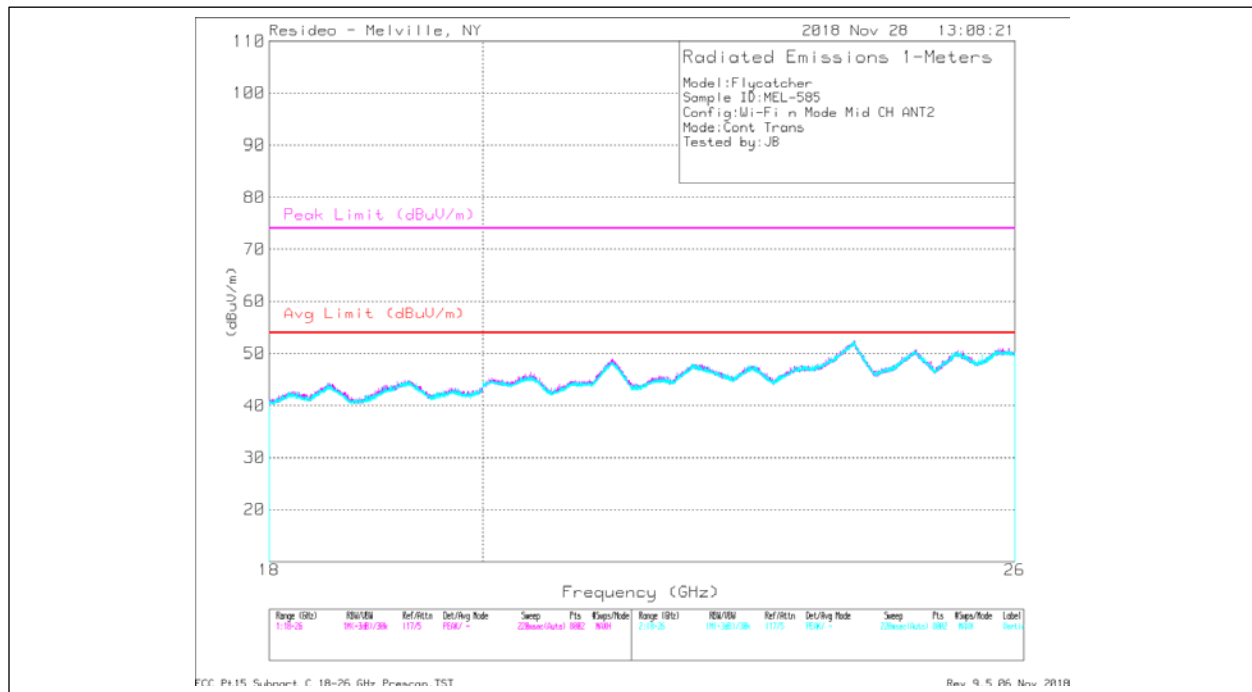
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

High Channel – Data

Note: No emissions detected above the system noise floor

**Above 18GHz (Worse-case, 802.11n HT40 Mode)**



Mid Channel - Plot

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF [dB/m] | SMA8 [dB] | Preamp [dB] | Dist Corr [dB] | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|-----------|-----------|-------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 21.316        | 37.84                | Pk  | 44.9      | 7.7       | -31.9       | -9.5           | 49.04                      | 54                 | -4.96       | 74                  | -24.96         | 0-360          | 100         | H        |
| 24.003          | 37.67                | Pk  | 46.3      | 8.2       | -30.5       | -9.5           | 52.17                      | 54                 | -1.83       | 74                  | -21.83         | 0-360          | 100         | H        |
| 25.955          | 38.66                | Pk  | 47.1      | 8.6       | -34.5       | -9.5           | 50.36                      | 54                 | -3.64       | 74                  | -23.64         | 0-360          | 100         | H        |
| * 21.267        | 38.03                | Pk  | 44.9      | 7.7       | -32.8       | -9.5           | 48.33                      | 54                 | -5.67       | 74                  | -25.67         | 0-360          | 100         | V        |
| 24.021          | 37.85                | Pk  | 46.3      | 8.2       | -30.3       | -9.5           | 52.55                      | 54                 | -1.45       | 74                  | -21.45         | 0-360          | 100         | V        |
| 25.964          | 38.7                 | Pk  | 47.1      | 8.6       | -34.5       | -9.5           | 50.4                       | 54                 | -3.6        | 74                  | -23.6          | 0-360          | 100         | V        |

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

Pk - Peak detector

Mid Channel – Data

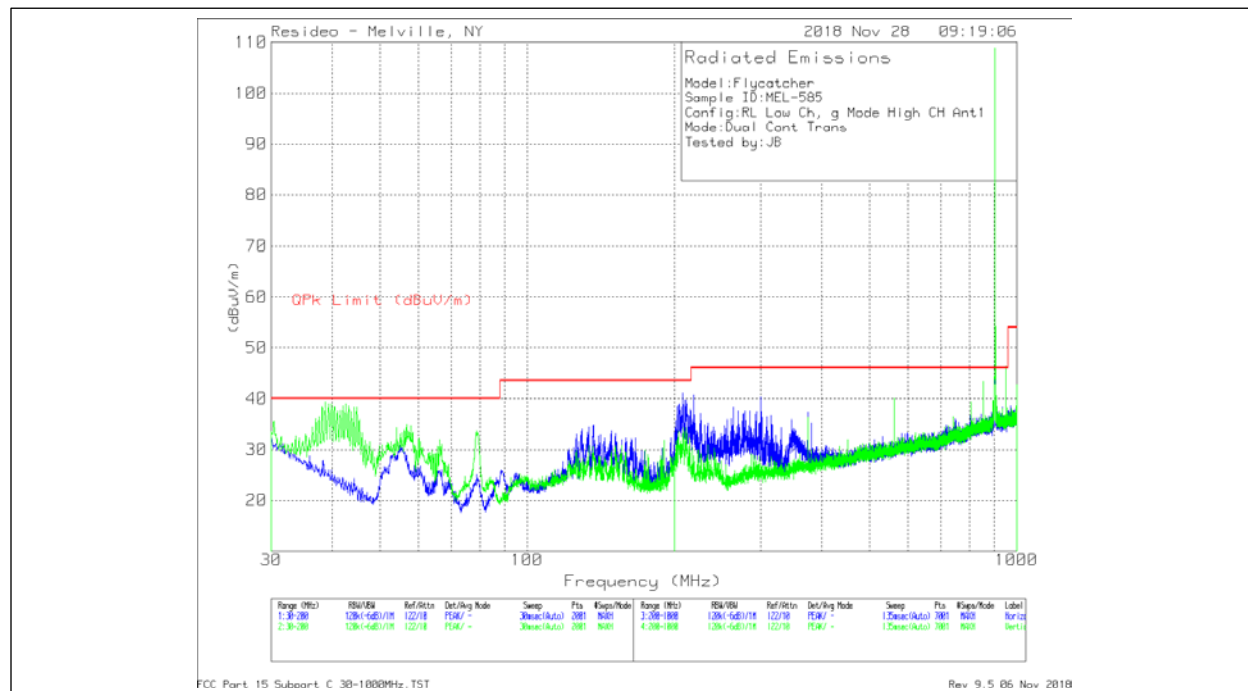
Note: No emissions detected above the system noise floor

### Simultaneous Transmission

#### Configuration (Worse-case):

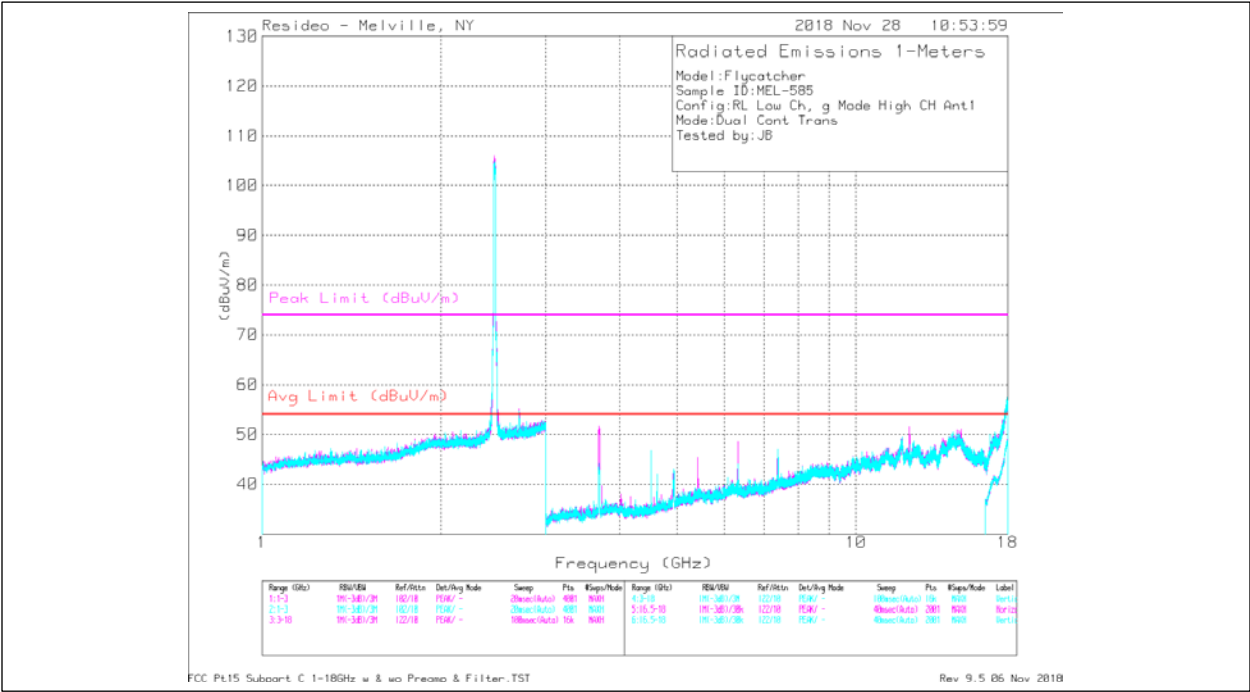
RedLINK – Low Channel, Antenna 1

Wi-Fi – 802.11g Mode, High Channel, Antenna 1



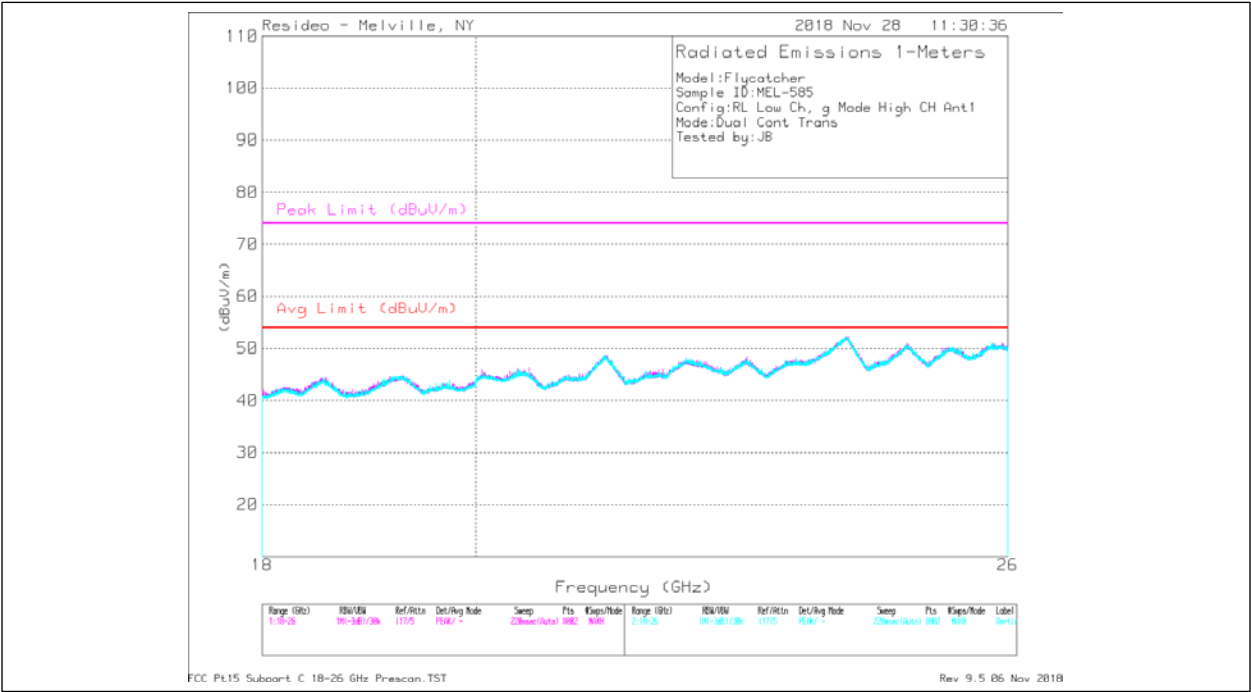
30-1000MHz – Plot

Note: No new emissions detected above the system noise floor with both radios transmitting simultaneously.



1-18GHz – Plot

Note: No new emissions detected above the system noise floor with both radios transmitting simultaneously.



Above 18GHz – Plot

Note: No new emissions detected above the system noise floor with both radios transmitting simultaneously.

## Conducted Emissions (Mains)

### Test Description

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

### Test Criteria

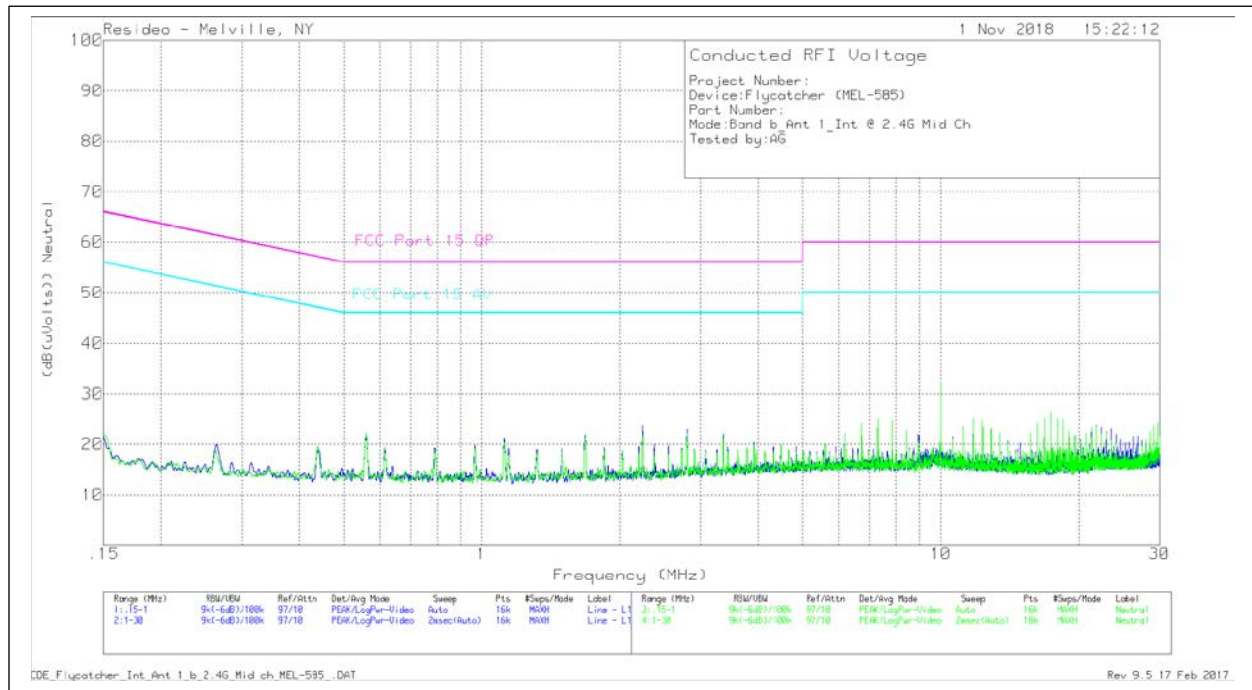
| Reference                                                                   | Limit (dBuV)          |            |          |
|-----------------------------------------------------------------------------|-----------------------|------------|----------|
|                                                                             | Frequency Range (MHz) | Quasi-Peak | Average  |
| CFR 47 Subpart C, 15.207<br>RSS-GEN<br>CFR 47 Subpart B, 15.107<br>ICES-003 | 0.15-0.5              | 66 to 56   | 56 to 46 |
|                                                                             | 0.5-5                 | 56         | 46       |
|                                                                             | 5-30                  | 60         | 50       |

### Test Information

| Tester | Test Location | Date     | Temperature (°C) | Humidity (%RH) | Pressure (mbar) | Results (P/F) |
|--------|---------------|----------|------------------|----------------|-----------------|---------------|
| AG     | Shield Room   | 11/01/18 | 16.6             | 50             | 1001            | P             |

## Test Results

### Intentional Mode



Plot

| Frequency (MHz) | Meter Reading (dBuV) | Det | LISN1 L1 [dB] | CDE Cable | Corrected Reading (dB(uVolts)) | FCC Part 15 QP | Margin (dB) | FCC Part 15 AV | Margin (dB) |
|-----------------|----------------------|-----|---------------|-----------|--------------------------------|----------------|-------------|----------------|-------------|
| .26445          | 9.69                 | Pk  | 10.2          | 0         | 19.89                          | 61.29          | -41.4       | 51.29          | -31.4       |
| .55977          | 11.4                 | Pk  | 9.9           | 0         | 21.3                           | 56             | -34.7       | 46             | -24.7       |
| .96686          | 9.82                 | Pk  | 9.9           | 0         | 19.72                          | 56             | -36.28      | 46             | -26.28      |
| 1.68131         | 12.04                | Pk  | 9.9           | 0         | 21.94                          | 56             | -34.06      | 46             | -24.06      |
| 2.80113         | 13.12                | Pk  | 9.9           | 0         | 23.02                          | 56             | -32.98      | 46             | -22.98      |
| 9.99839         | 19.49                | Pk  | 10            | .1        | 29.59                          | 60             | -30.41      | 50             | -20.41      |

| Frequency (MHz) | Meter Reading (dBuV) | Det | LISN1 L2 [dB] | CDE Cable | Corrected Reading (dB(uVolts)) | FCC Part 15 QP | Margin (dB) | FCC Part 15 AV | Margin (dB) |
|-----------------|----------------------|-----|---------------|-----------|--------------------------------|----------------|-------------|----------------|-------------|
| .15082          | 11.08                | Pk  | 10.7          | .1        | 21.88                          | 65.95          | -44.07      | 55.95          | -34.07      |
| .26231          | 8.25                 | Pk  | 10.2          | 0         | 18.45                          | 61.36          | -42.91      | 51.36          | -32.91      |
| .55998          | 12.03                | Pk  | 10            | 0         | 22.03                          | 56             | -33.97      | 46             | -23.97      |
| 1.11959         | 10.42                | Pk  | 10            | 0         | 20.42                          | 56             | -35.58      | 46             | -25.58      |
| 2.24122         | 12.29                | Pk  | 9.9           | 0         | 22.19                          | 56             | -33.81      | 46             | -23.81      |
| 9.99839         | 22.09                | Pk  | 10            | .1        | 32.19                          | 60             | -27.81      | 50             | -17.81      |

Pk - Peak detector

Data

**END OF REPORT**