

#### 4Tx 1 STREAM CDD MODE

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|-----------------------|
| Low     | 5755               | 4.01                                      | 9.95                                    | 30.00                   | 26.05                 |
| High    | 5795               | 4.01                                      | 9.95                                    | 30.00                   | 26.05                 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.15 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

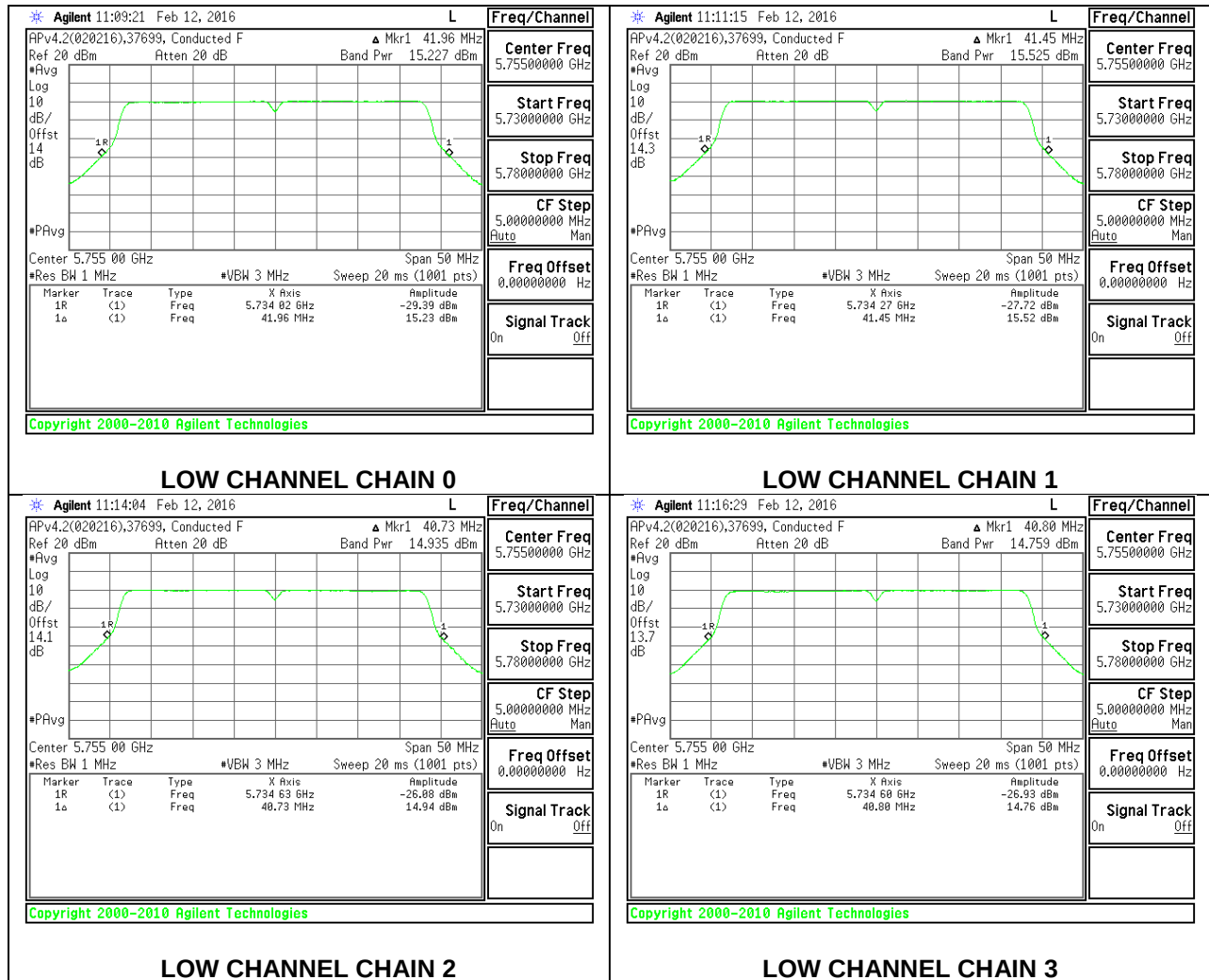
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5755               | 15.23                             | 15.53                             | 14.94                             | 14.76                             | 21.29                             | 30.00                   | -8.71                   |
| High    | 5795               | 19.89                             | 19.86                             | 18.68                             | 19.12                             | 25.59                             | 30.00                   | -4.41                   |

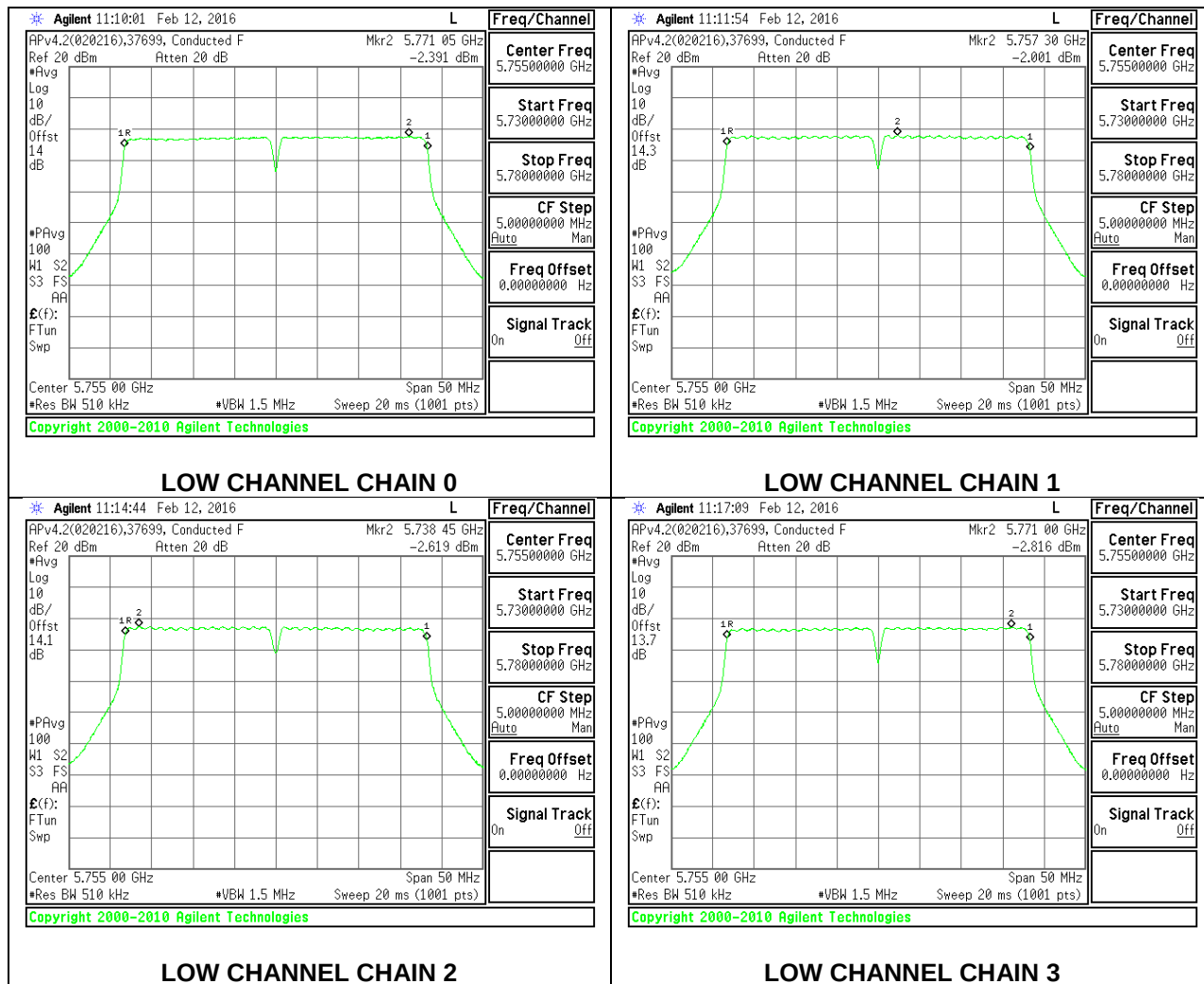
##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Low     | 5755               | -2.39                           | -2.00                           | -2.62                           | -2.82                           | 3.72                            | 26.05                 | -22.33                |
| High    | 5795               | 2.38                            | 2.48                            | 1.06                            | 1.59                            | 8.09                            | 26.05                 | -17.96                |

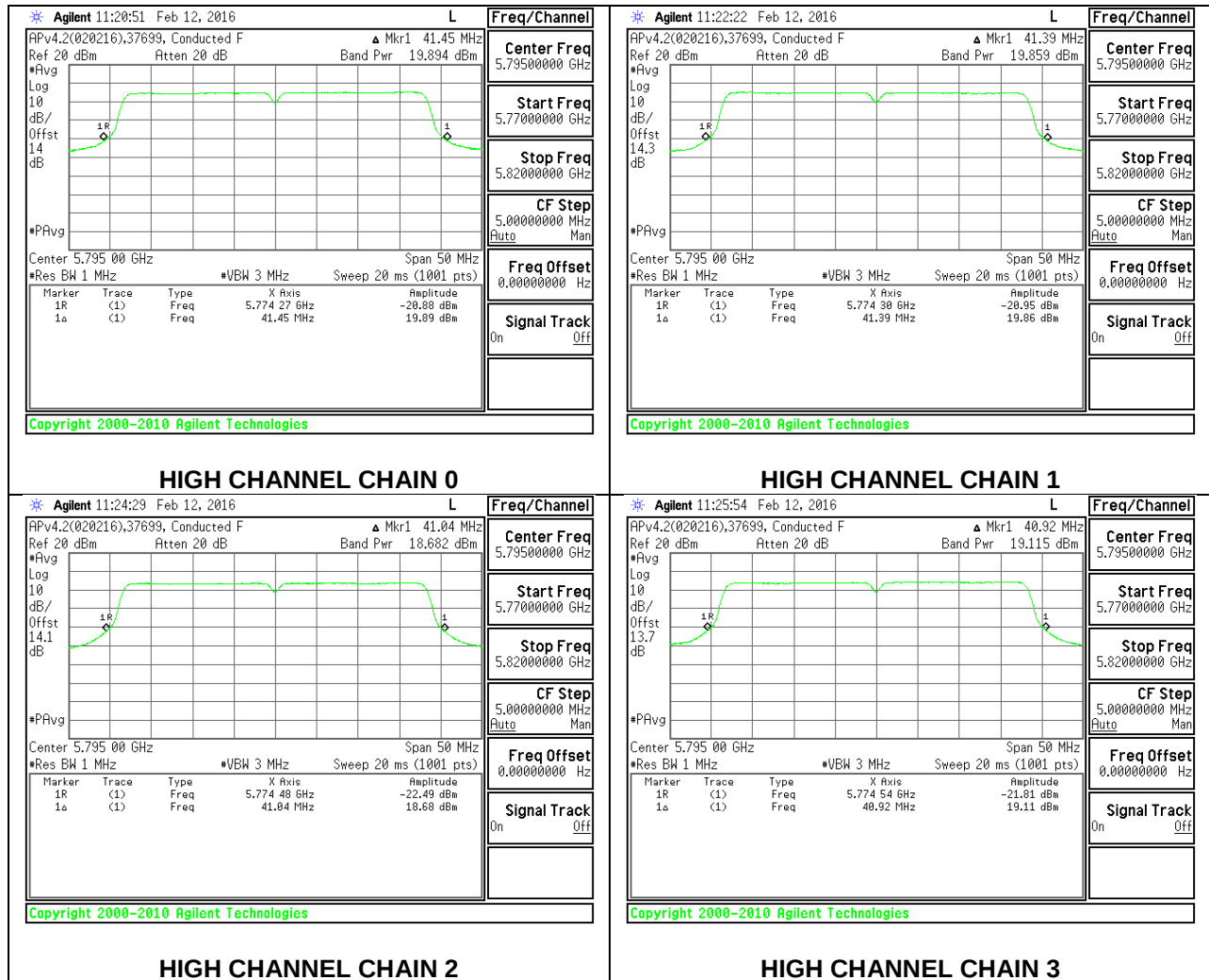
## LOW CHANNEL - POWER



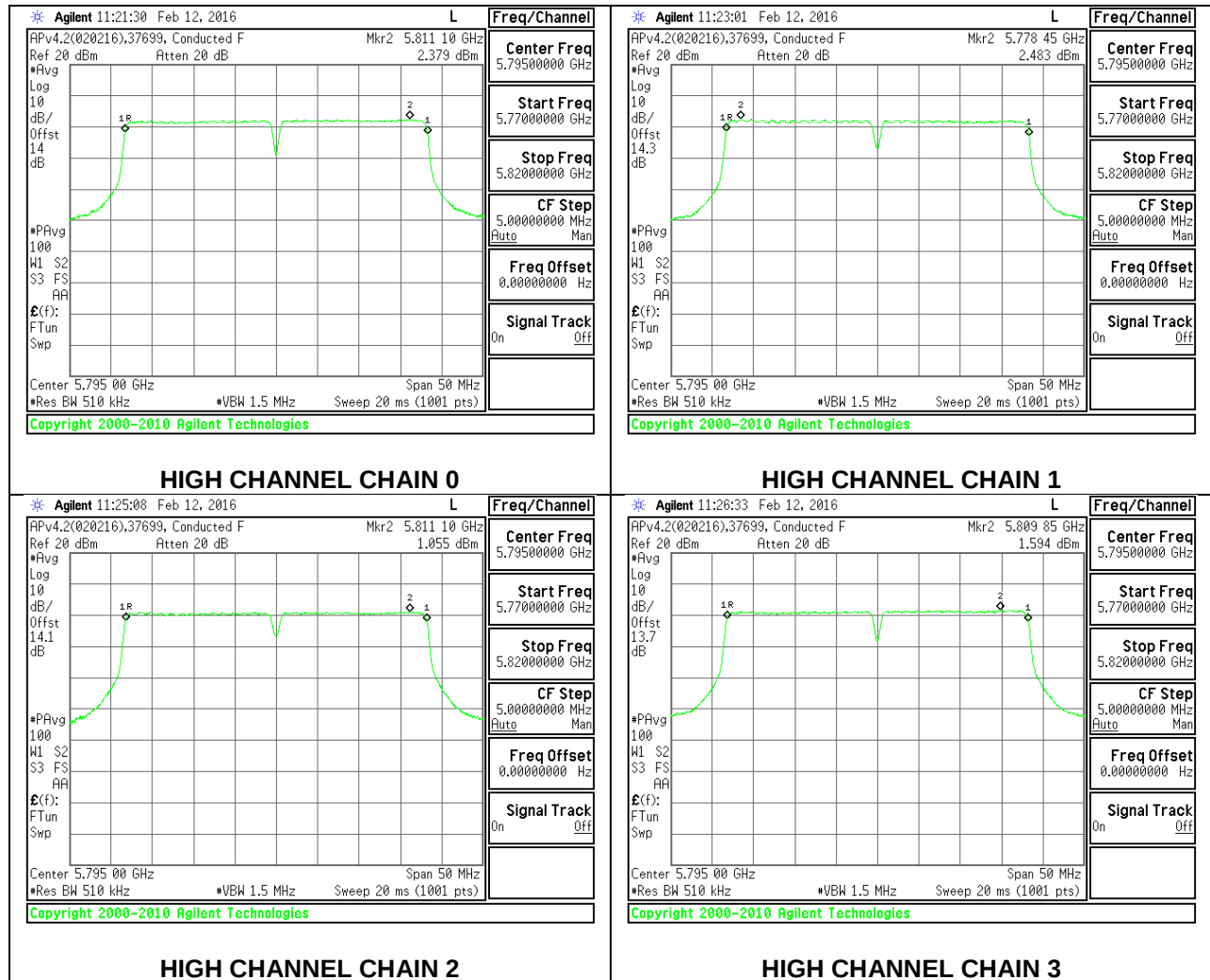
## LOW CHANNEL - PSD



## HIGH CHANNEL - POWER



## HIGH CHANNEL - PSD



#### 4Tx 3 STREAM BF MODE (low channel only)

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|-----------------------|
| Low     | 5755               | 6.07                                      | 6.07                                    | 29.93                   | 29.93                 |
| High    | 5795               | 6.07                                      | 6.07                                    | 29.93                   | 29.93                 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.82 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

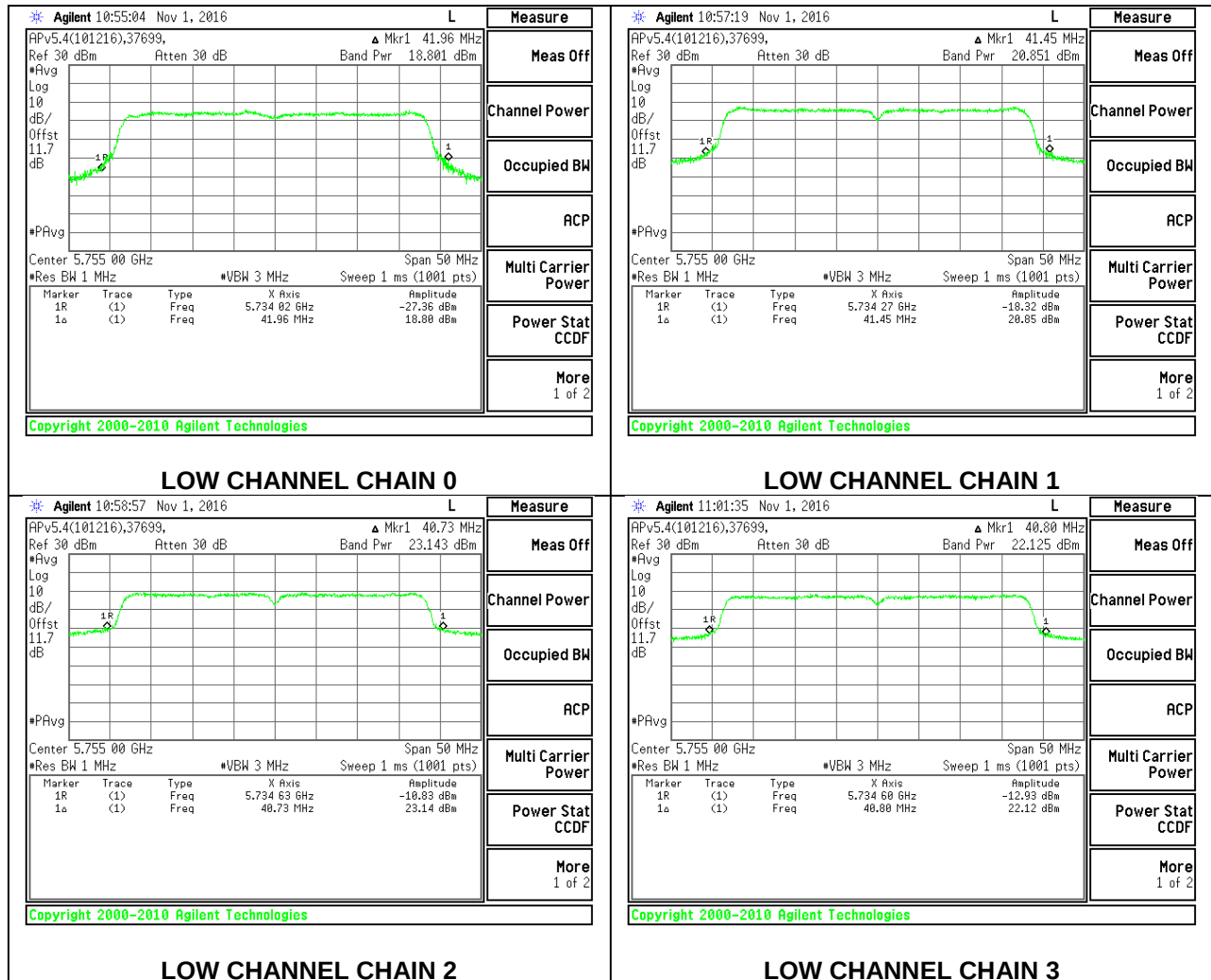
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5755               | 18.80                             | 20.85                             | 23.14                             | 22.13                             | 28.35                             | 29.93                   | -1.58                   |
| High    | 5795               | 19.73                             | 18.20                             | 19.39                             | 18.65                             | 25.88                             | 29.93                   | -4.05                   |

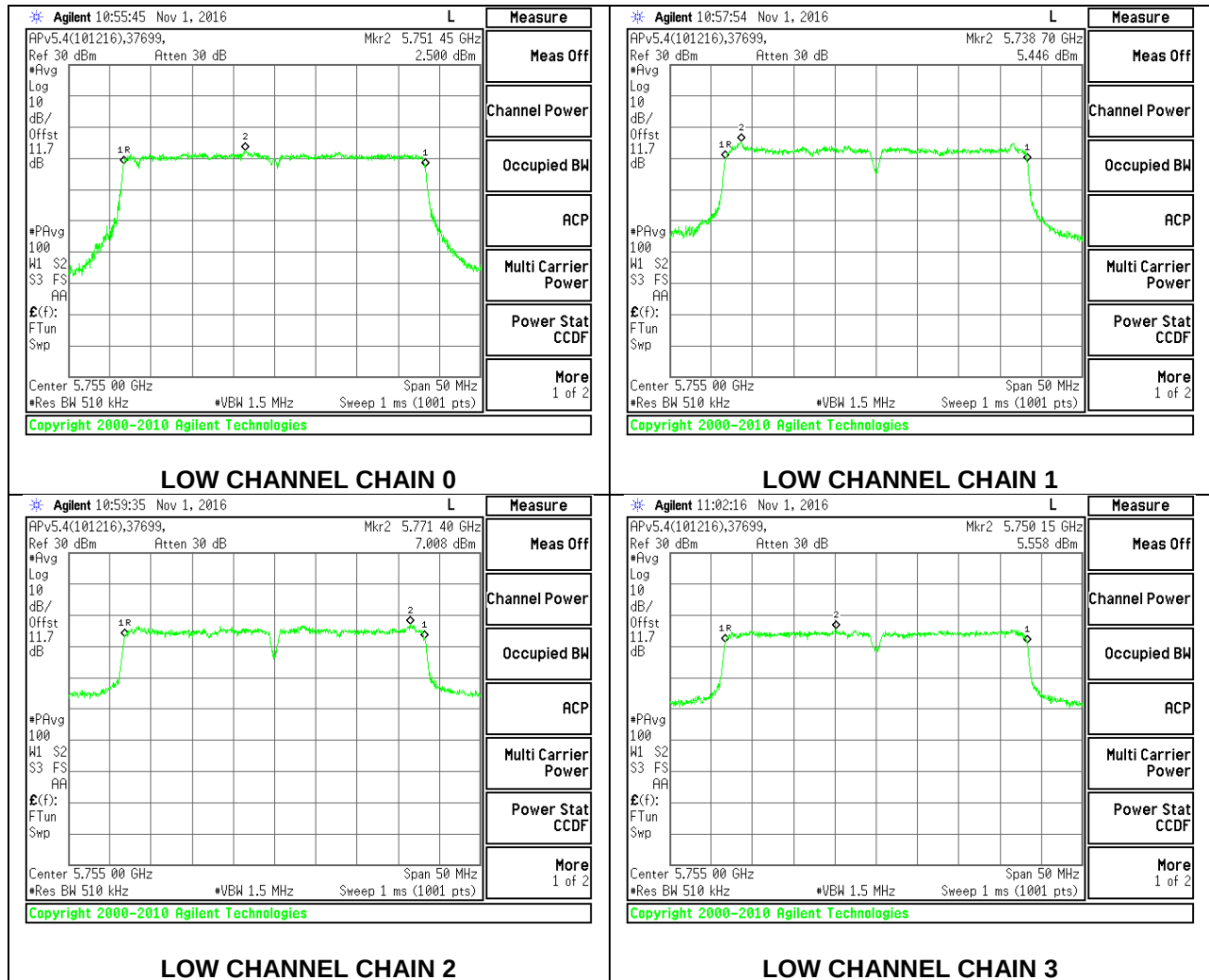
##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Low     | 5755               | 2.50                            | 5.45                            | 7.01                            | 5.56                            | 12.25                           | 29.93                 | -17.68                |
| High    | 5795               | 3.95                            | 2.60                            | 2.26                            | 1.35                            | 9.48                            | 29.93                 | -20.45                |

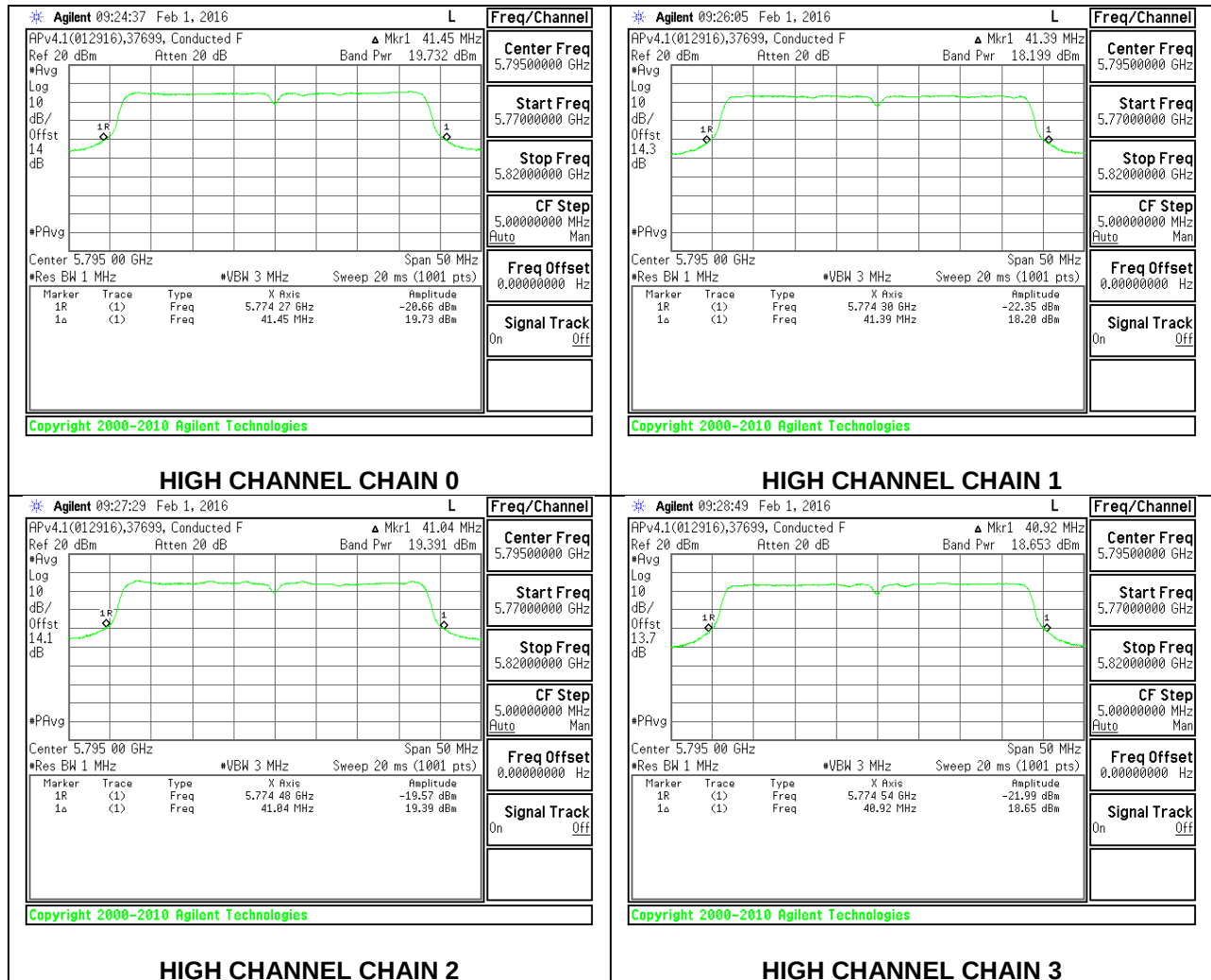
## LOW CHANNEL - POWER



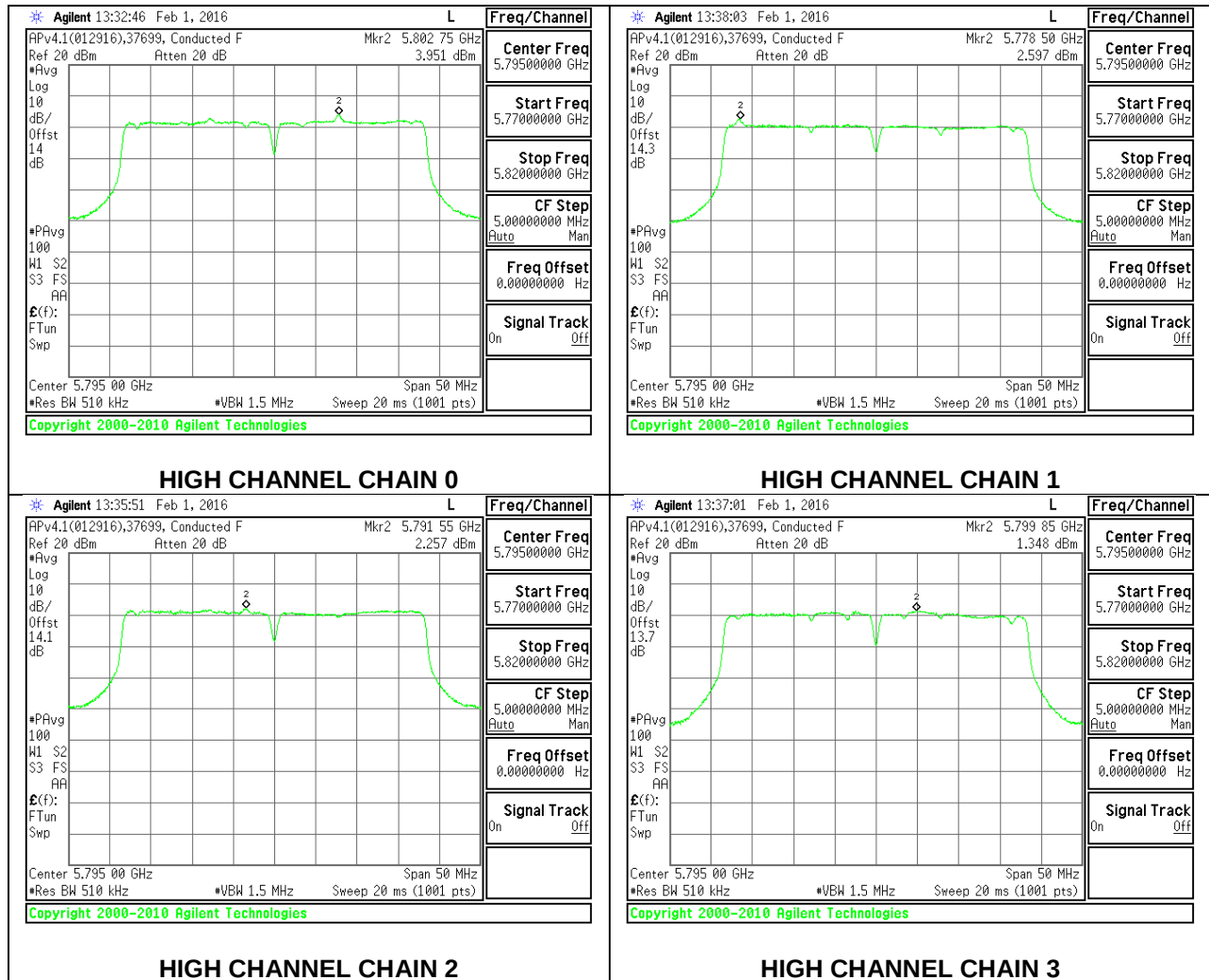
## LOW CHANNEL - PSD



## HIGH CHANNEL - POWER



## HIGH CHANNEL - PSD



**4Tx 1 STREAM BF MODE (low channel only)**

**Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|-----------------------|
| Low     | 5755               | 9.95                                      | 9.95                                    | 26.05                   | 26.05                 |
| High    | 5795               | 9.95                                      | 9.95                                    | 26.05                   | 26.05                 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 1.11 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

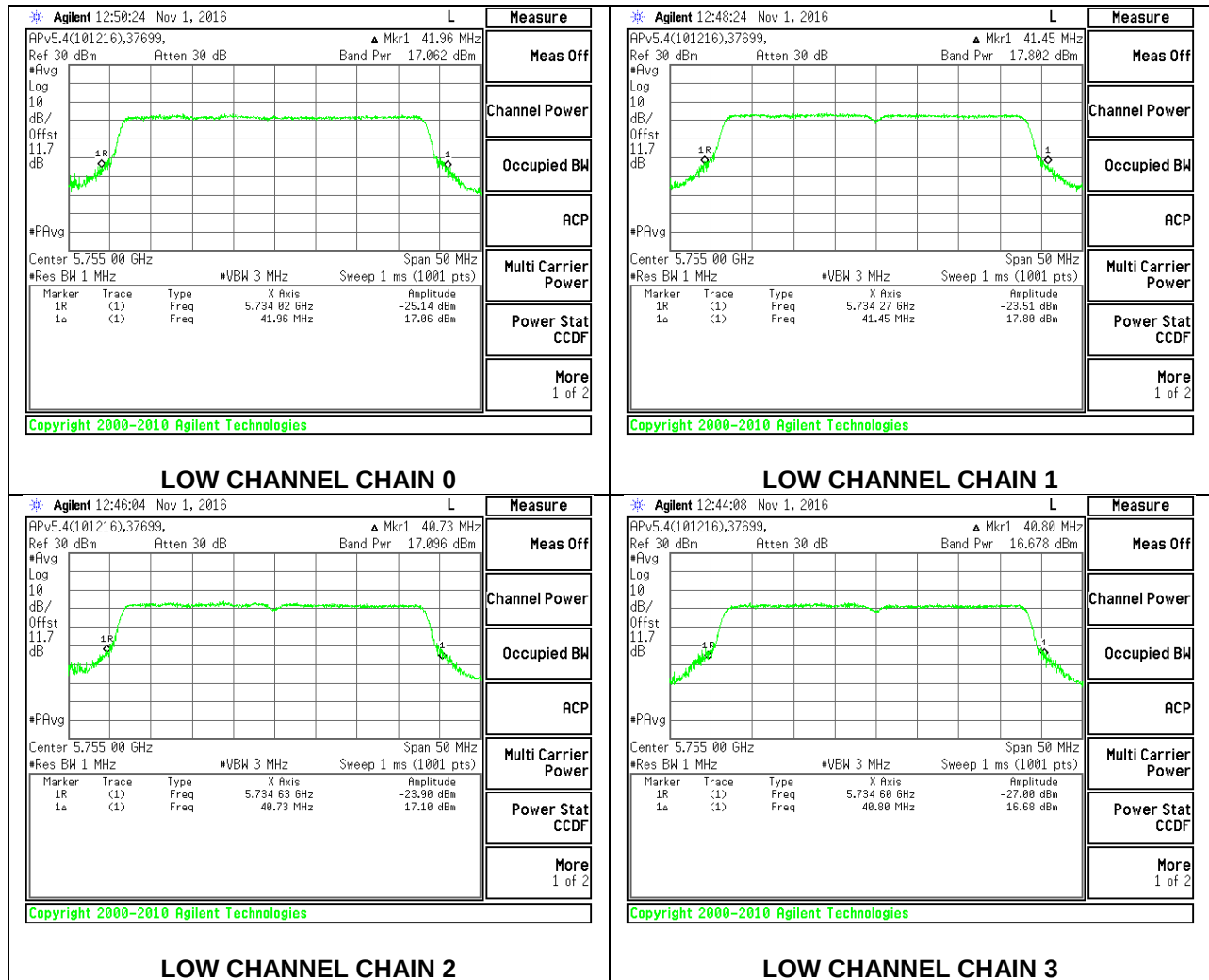
**Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Low     | 5755               | 17.06                             | 17.80                             | 17.10                             | 16.68                             | 24.31                             | 26.05                   | -1.74                   |
| High    | 5795               | 18.23                             | 17.80                             | 18.93                             | 17.26                             | 25.23                             | 26.05                   | -0.82                   |

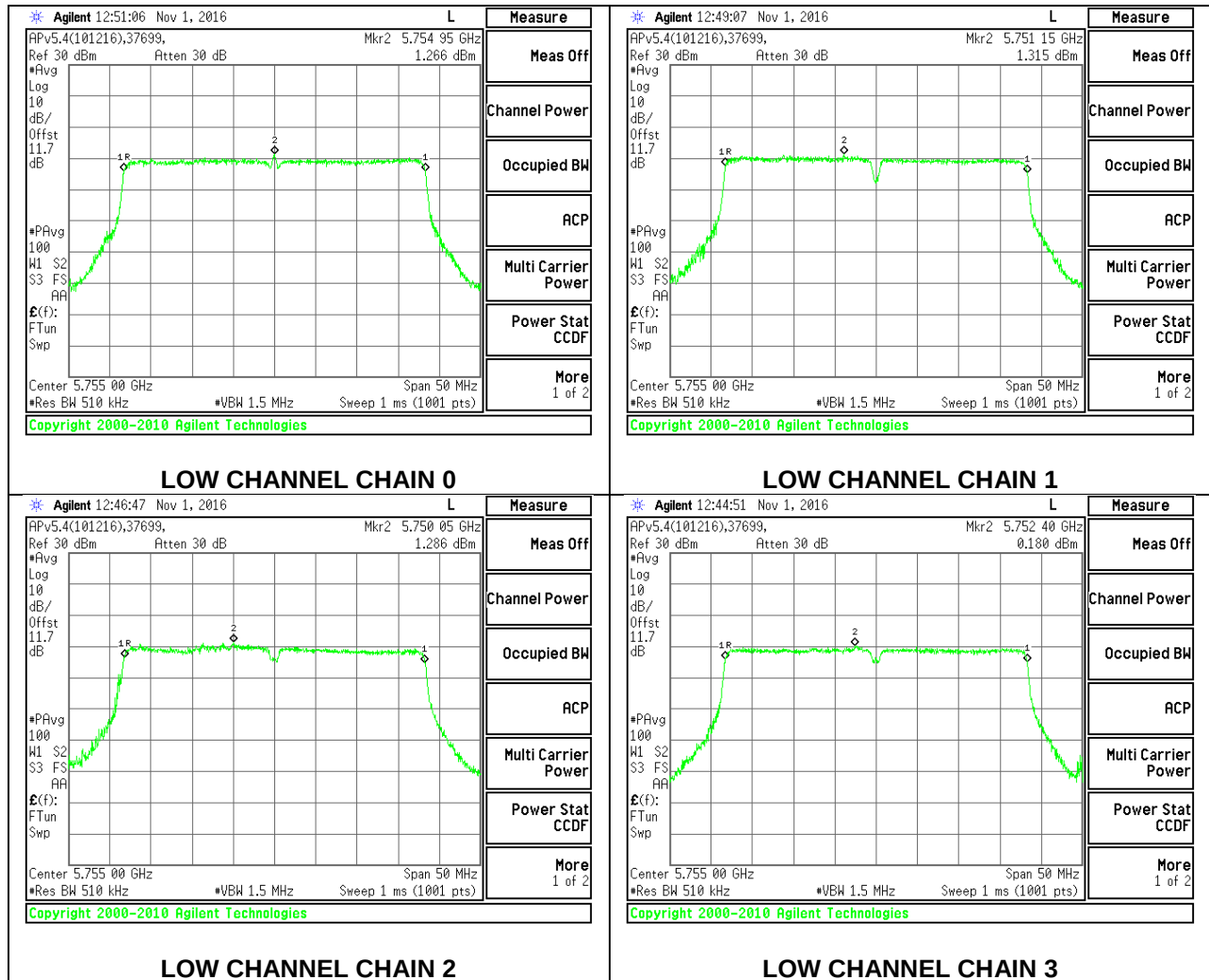
**PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Low     | 5755               | 1.27                            | 1.32                            | 1.29                            | 0.18                            | 8.17                            | 26.05                 | -17.88                |
| High    | 5795               | 0.88                            | 1.05                            | 1.54                            | 0.12                            | 8.06                            | 26.05                 | -17.99                |

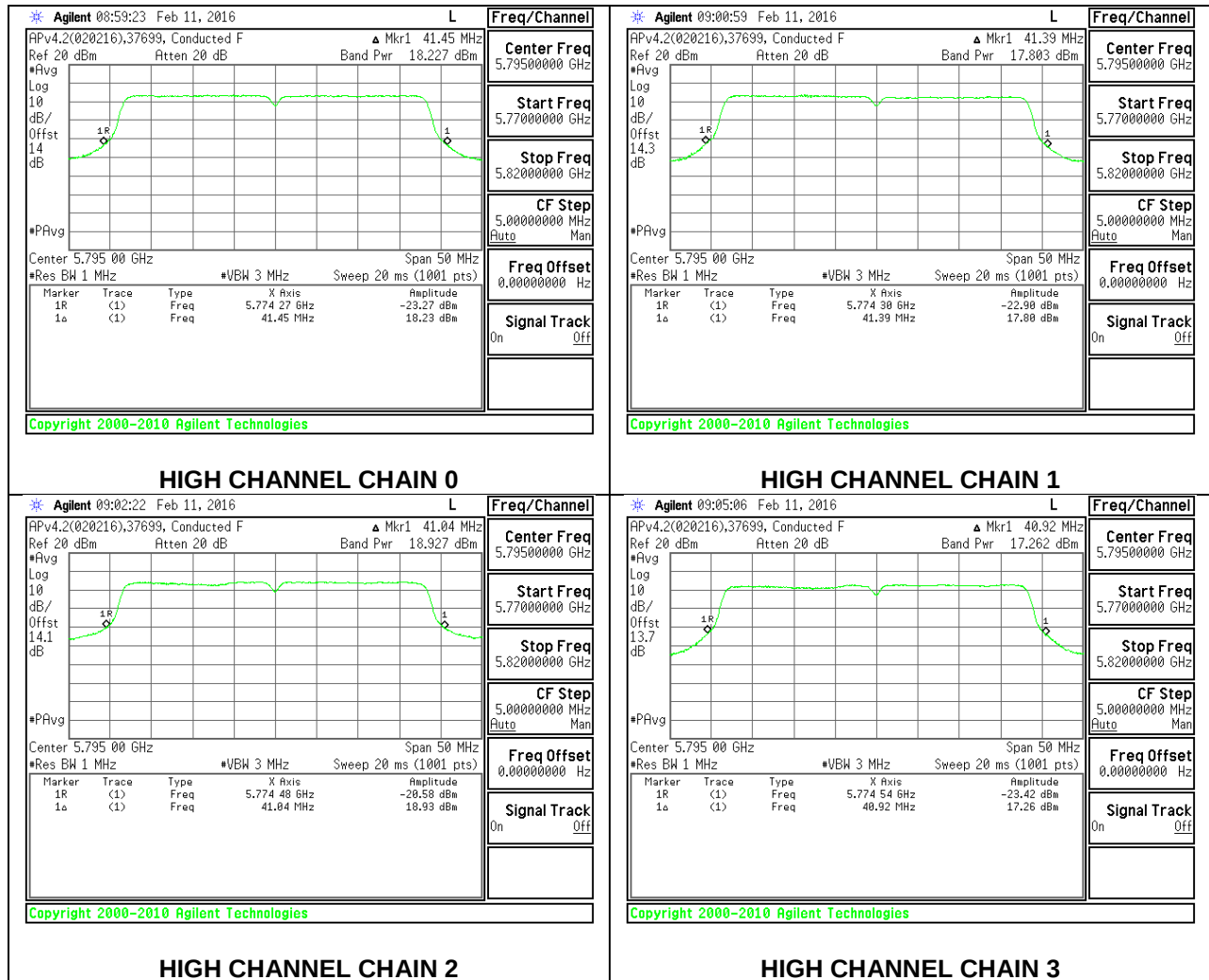
## LOW CHANNEL - POWER



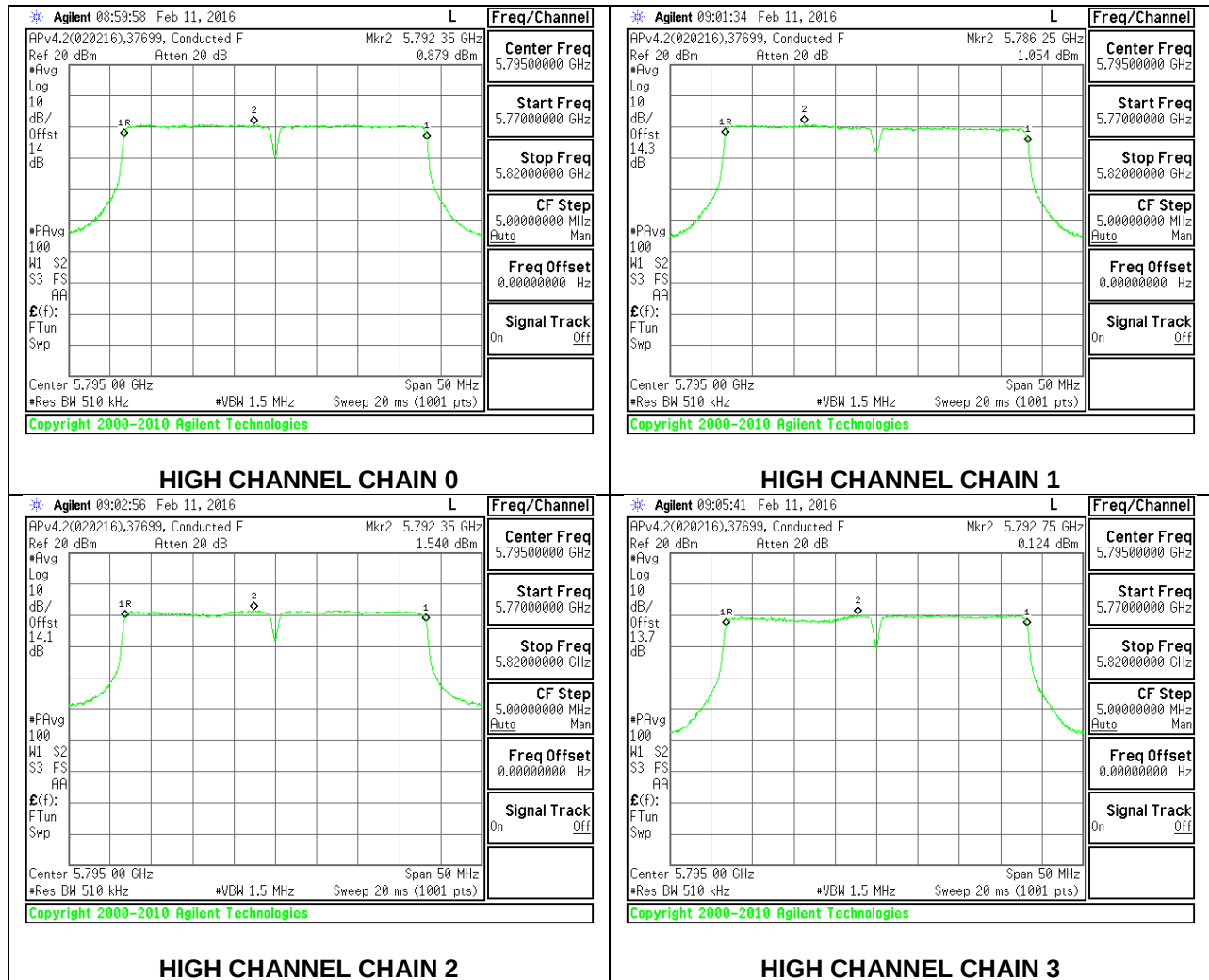
## LOW CHANNEL - PSD



## HIGH CHANNEL - POWER



## HIGH CHANNEL - PSD



#### 4.5.8. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND (3 and 1 stream BF)

##### 4Tx 4 STREAM CDD MODE

###### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|-----------------------|
| Mid     | 5775               | 4.01                                      | 4.01                                    | 30.00                   | 30.00                 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.72 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

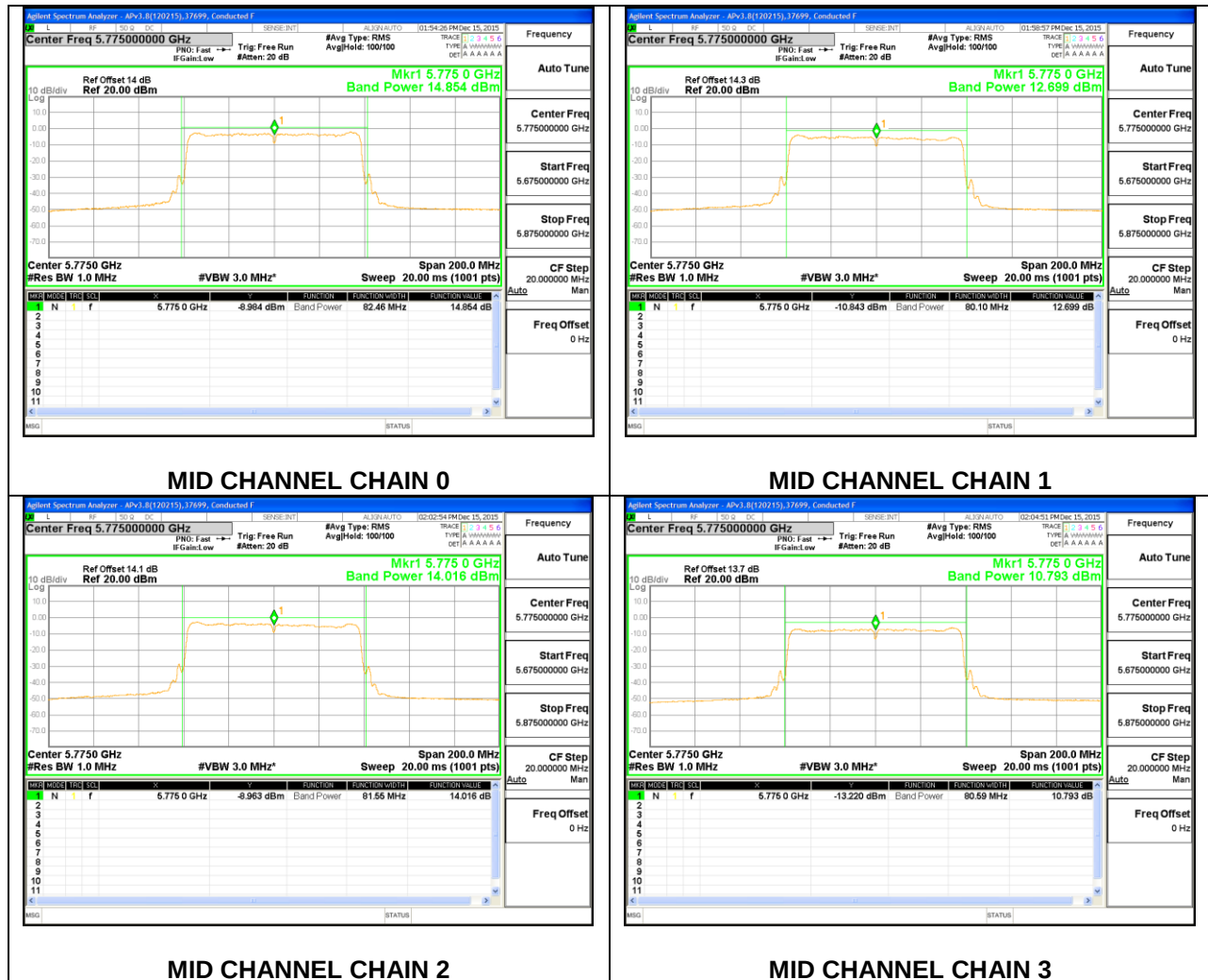
###### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 14.85                             | 12.70                             | 14.02                             | 10.79                             | 20.09                             | 30.00                   | -9.91                   |

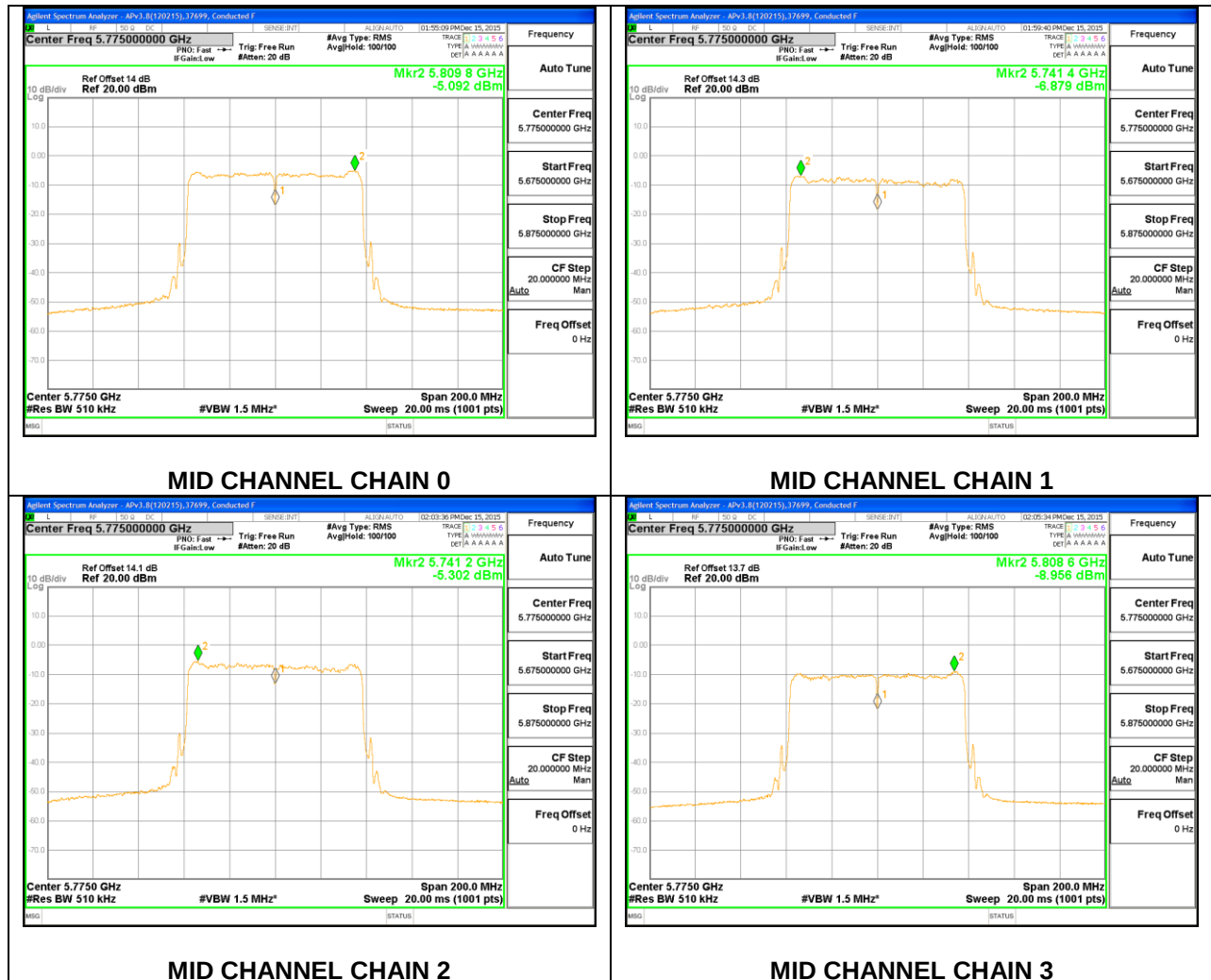
###### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Mid     | 5775               | -5.09                           | -6.88                           | -5.30                           | -8.96                           | 0.44                            | 30.00                 | -29.56                |

## MID CHANNEL - POWER



## MID CHANNEL - PSD



#### **4Tx 1 STREAM CDD MODE**

##### **Antenna Gain and Limits**

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|-----------------------|
| Mid     | 5775               | 4.01                                      | 9.95                                    | 30.00                   | 26.05                 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.25 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

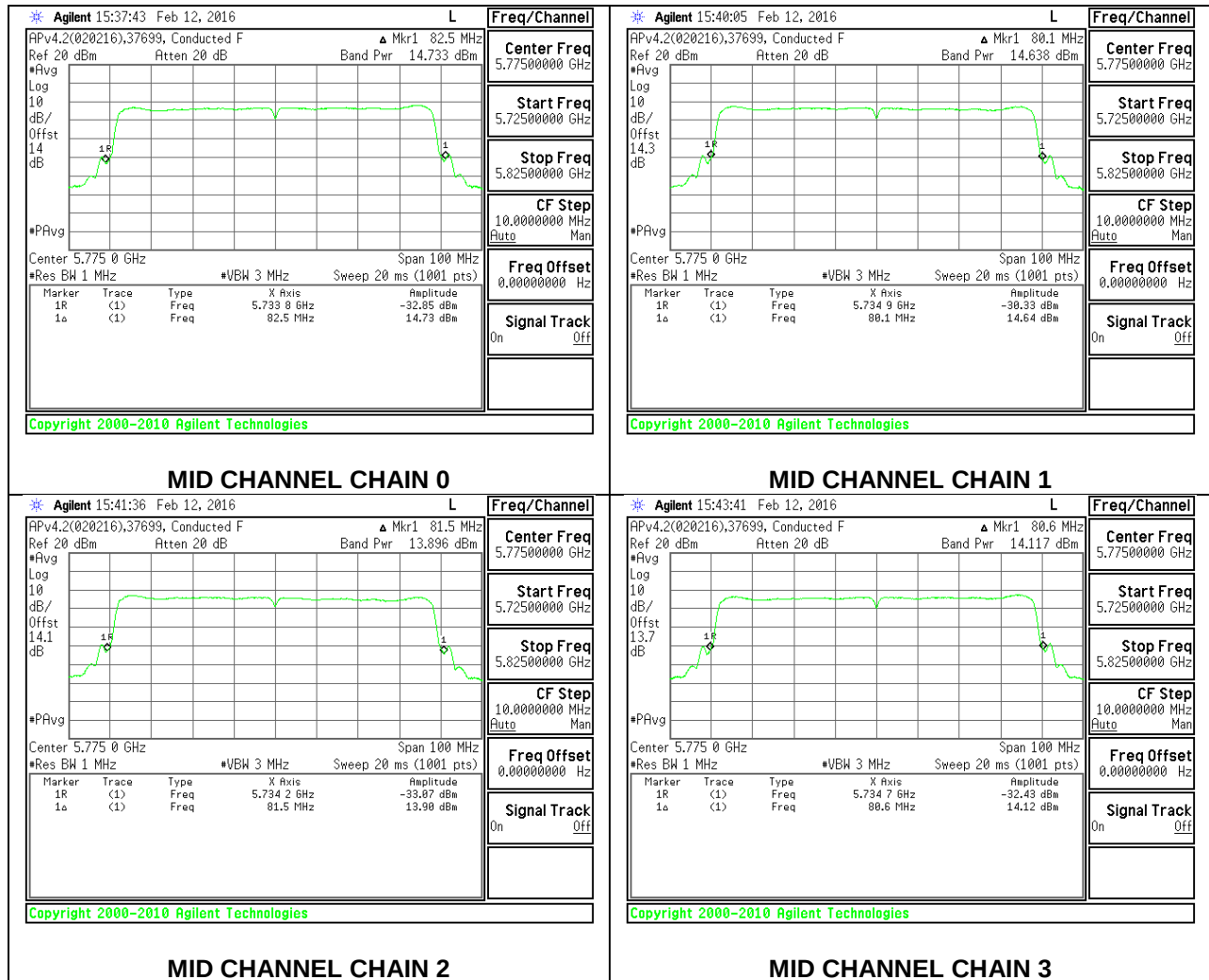
##### **Output Power Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 14.73                             | 14.64                             | 13.90                             | 14.12                             | 20.63                             | 30.00                   | -9.37                   |

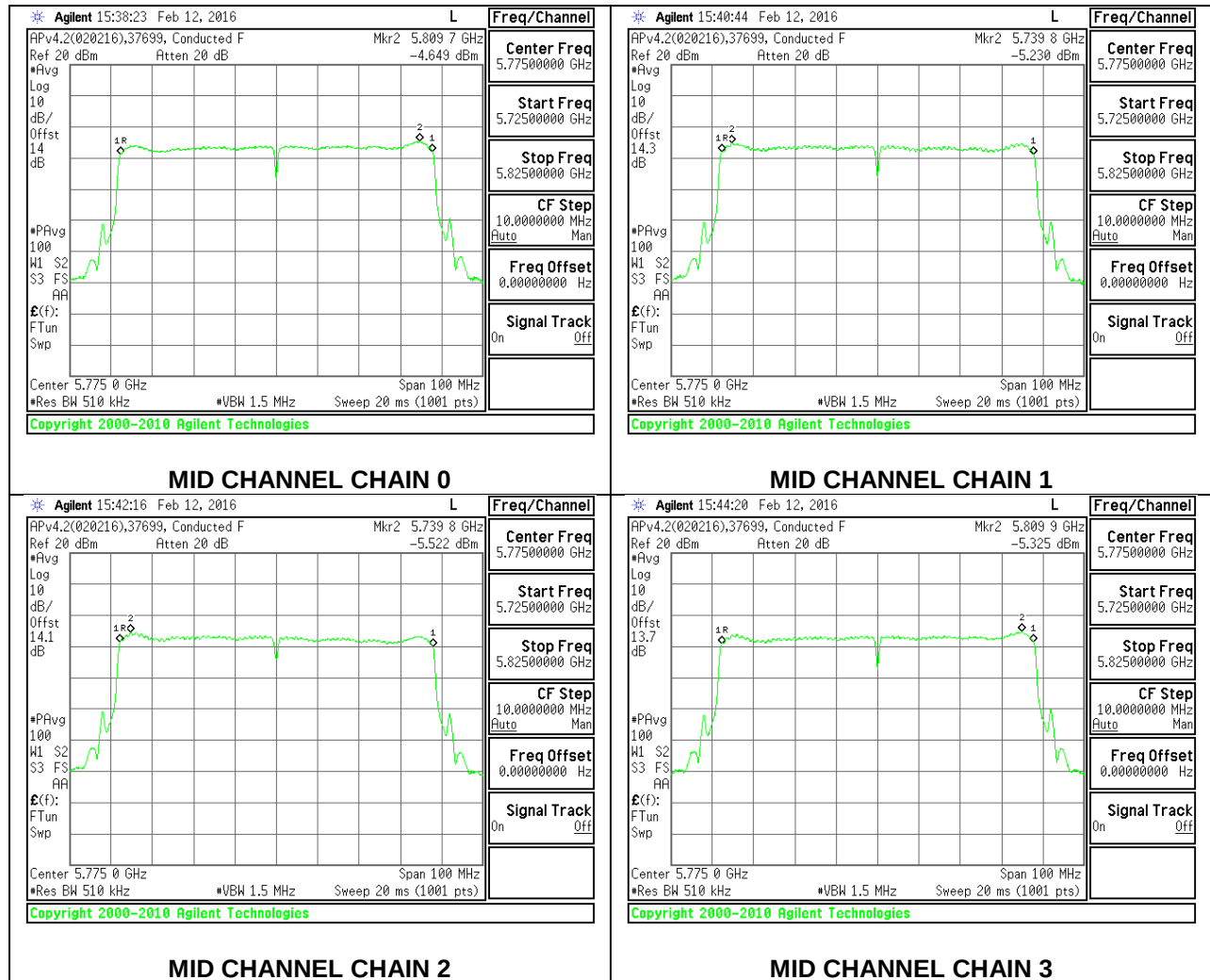
##### **PSD Results**

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Mid     | 5775               | -4.65                           | -5.23                           | -5.52                           | -5.33                           | 1.10                            | 26.05                 | -24.95                |

## MID CHANNEL - POWER



## MID CHANNEL - PSD



#### 4Tx 3 STREAM BF MODE

|     | (MHz) | for Power<br>(dBi) | for PSD<br>(dBi) | (dBm) | (dBm) |
|-----|-------|--------------------|------------------|-------|-------|
| Mid | 5775  | 6.07               | 6.07             | 29.93 | 29.93 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.65 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

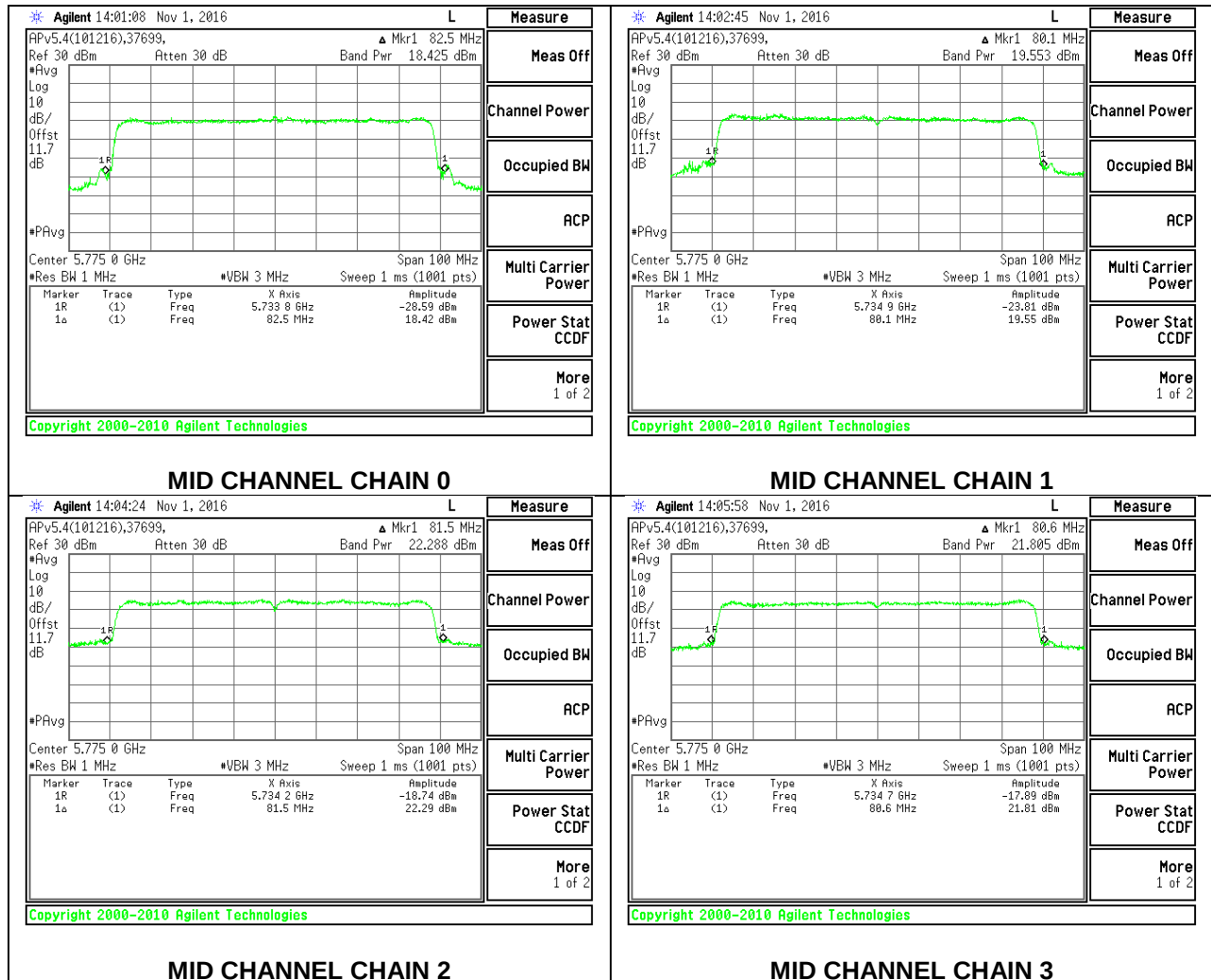
#### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 18.43                             | 19.55                             | 22.29                             | 21.81                             | 27.47                             | 29.93                   | -2.46                   |

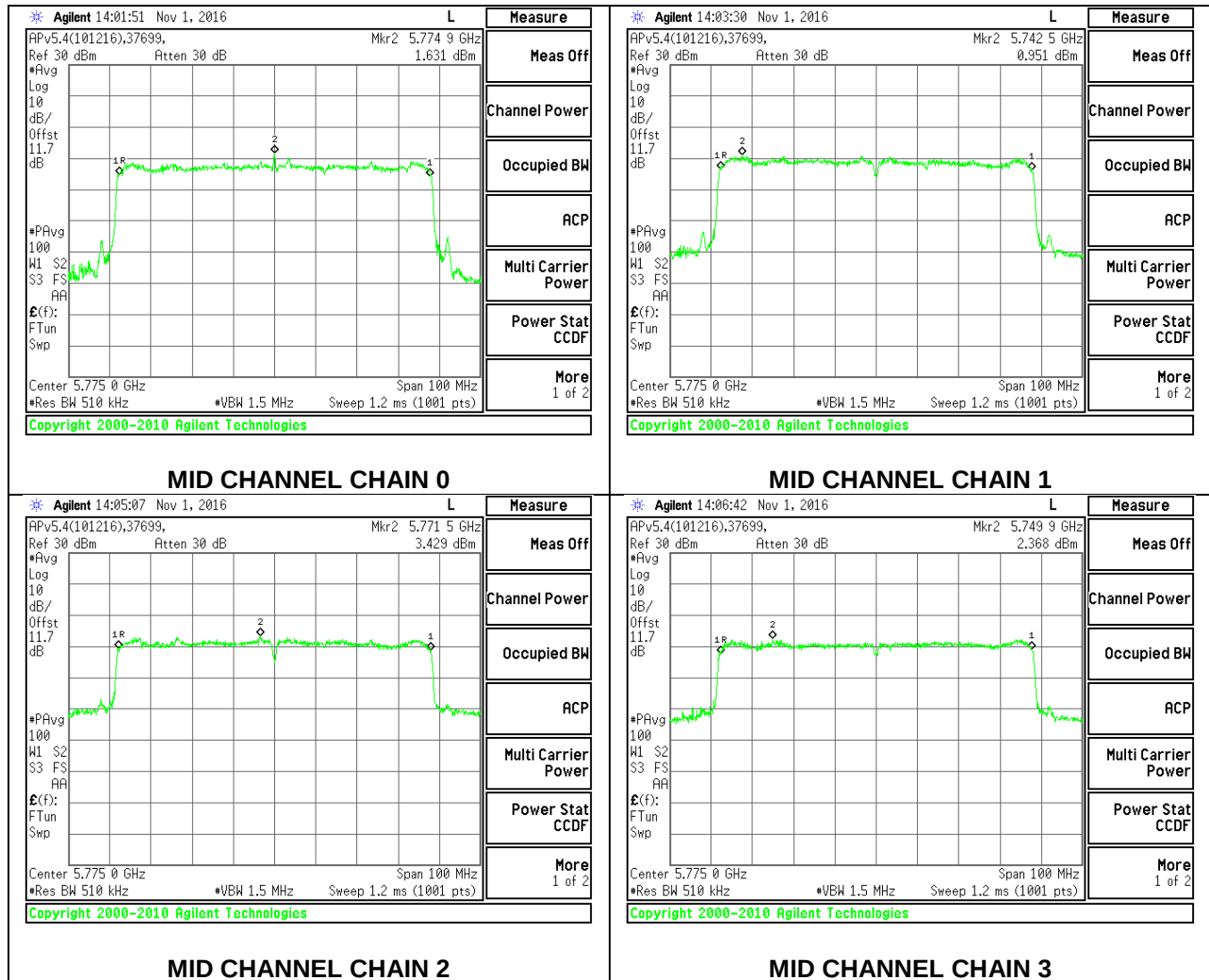
#### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Mid     | 5775               | 1.63                            | 0.95                            | 3.43                            | 2.37                            | 8.86                            | 29.93                 | -21.07                |

## MID CHANNEL - POWER



## MID CHANNEL - PSD



#### 4Tx 1 STREAM BF MODE

##### Antenna Gain and Limits

| Channel | Frequency<br>(MHz) | Directional<br>Gain<br>for Power<br>(dBi) | Directional<br>Gain<br>for PSD<br>(dBi) | Power<br>Limit<br>(dBm) | PSD<br>Limit<br>(dBm) |
|---------|--------------------|-------------------------------------------|-----------------------------------------|-------------------------|-----------------------|
| Mid     | 5775               | 9.95                                      | 9.95                                    | 26.05                   | 26.05                 |

|                    |      |                                                |
|--------------------|------|------------------------------------------------|
| Duty Cycle CF (dB) | 0.82 | Included in Calculations of Corr'd Power & PSD |
|--------------------|------|------------------------------------------------|

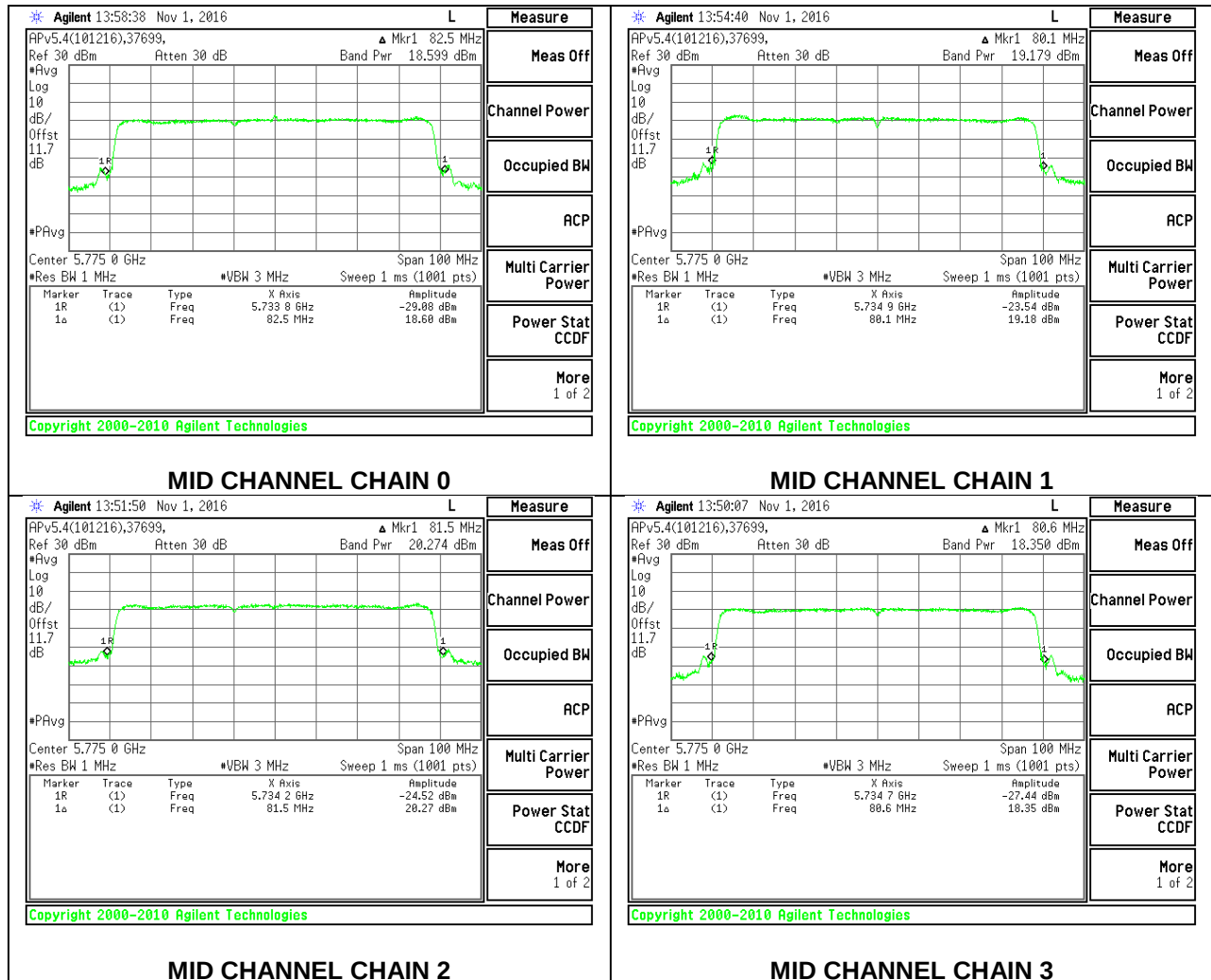
##### Output Power Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>Power<br>(dBm) | Chain 1<br>Meas<br>Power<br>(dBm) | Chain 2<br>Meas<br>Power<br>(dBm) | Chain 3<br>Meas<br>Power<br>(dBm) | Total<br>Corr'd<br>Power<br>(dBm) | Power<br>Limit<br>(dBm) | Power<br>Margin<br>(dB) |
|---------|--------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|
| Mid     | 5775               | 18.60                             | 19.18                             | 20.27                             | 18.35                             | 26.01                             | 26.05                   | -0.04                   |

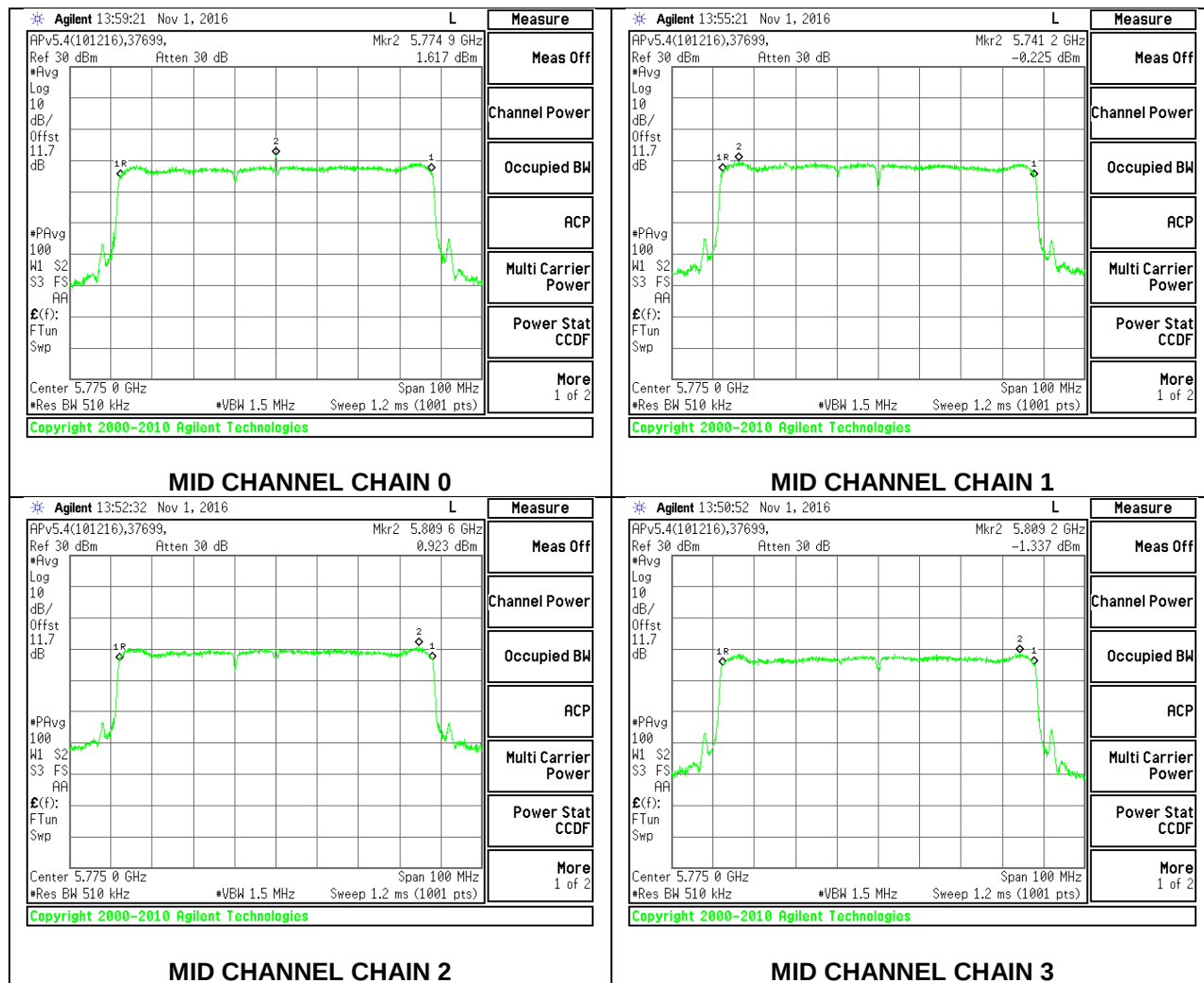
##### PSD Results

| Channel | Frequency<br>(MHz) | Chain 0<br>Meas<br>PSD<br>(dBm) | Chain 1<br>Meas<br>PSD<br>(dBm) | Chain 2<br>Meas<br>PSD<br>(dBm) | Chain 3<br>Meas<br>PSD<br>(dBm) | Total<br>Corr'd<br>PSD<br>(dBm) | PSD<br>Limit<br>(dBm) | PSD<br>Margin<br>(dB) |
|---------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|-----------------------|
| Mid     | 5775               | 1.62                            | -0.23                           | 0.92                            | -1.34                           | 7.23                            | 26.05                 | -18.82                |

## MID CHANNEL - POWER



## MID CHANNEL - PSD



## 5. RADIATED TEST RESULTS

### LIMITS

FCC §15.205 and §15.209

| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|-----------------------|------------------------------------|--------------------------------------|
| 30 - 88               | 100                                | 40                                   |
| 88 - 216              | 150                                | 43.5                                 |
| 216 - 960             | 200                                | 46                                   |
| Above 960             | 500                                | 54                                   |

### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150cm for above 1GHz. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

Reference to KDB 789033 UNII part G) 6) c) Method AD:

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor to the reading offset for average measurements.

The spectrum from 1GHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

The EUT can only be setup in desktop orientation; therefore, all radiated testing was performed with the EUT in desktop orientation.

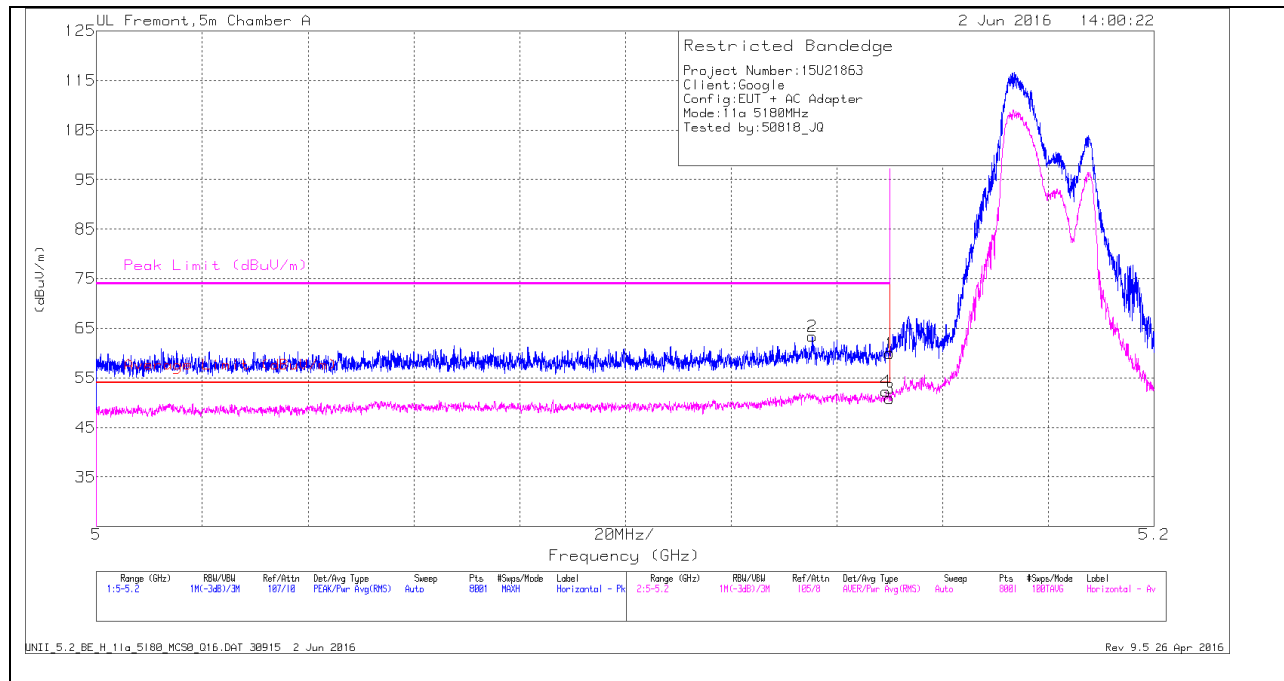
## 5.1. TRANSMITTER ABOVE 1 GHz

### 5.1.1. 802.11a MODE IN THE 5.2GHz BAND

#### 4Tx 1 STREAM CDD MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL)

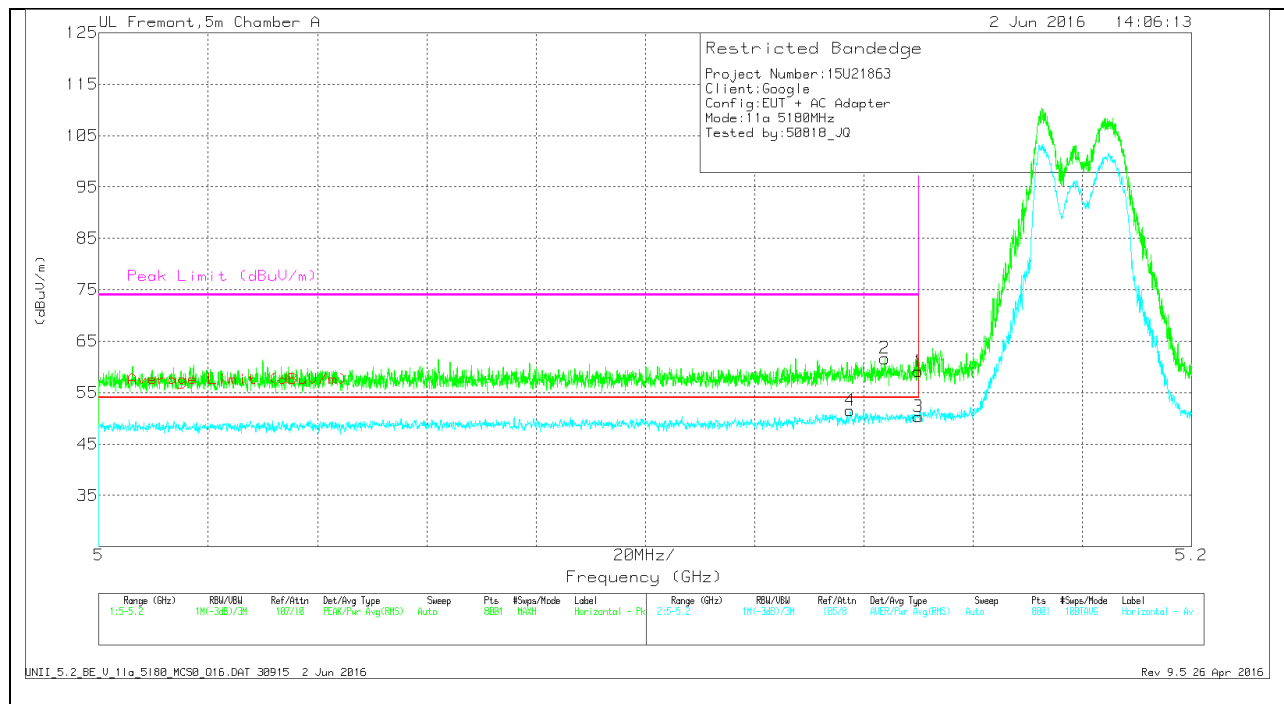
#### HORIZONTAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (db/m) | Amp/Cbl/Fitr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 39.36                | Pk  | 34.5           | -13.9             | 59.96                      | -                      | -           | 74                  | -14.04         | 64             | 114         | H        |
| 2      | 5.135           | 42.85                | Pk  | 34.4           | -13.9             | 63.35                      | -                      | -           | 74                  | -10.65         | 64             | 114         | H        |
| 3      | 5.15            | 30.25                | RMS | 34.5           | -13.9             | 50.85                      | 54                     | -3.15       | -                   | -              | 64             | 114         | H        |
| 4      | 5.149           | 31.57                | RMS | 34.5           | -13.8             | 52.27                      | 54                     | -1.73       | -                   | -              | 64             | 114         | H        |

Pk - Peak detector  
RMS - RMS detection

## VERTICAL RESULTS

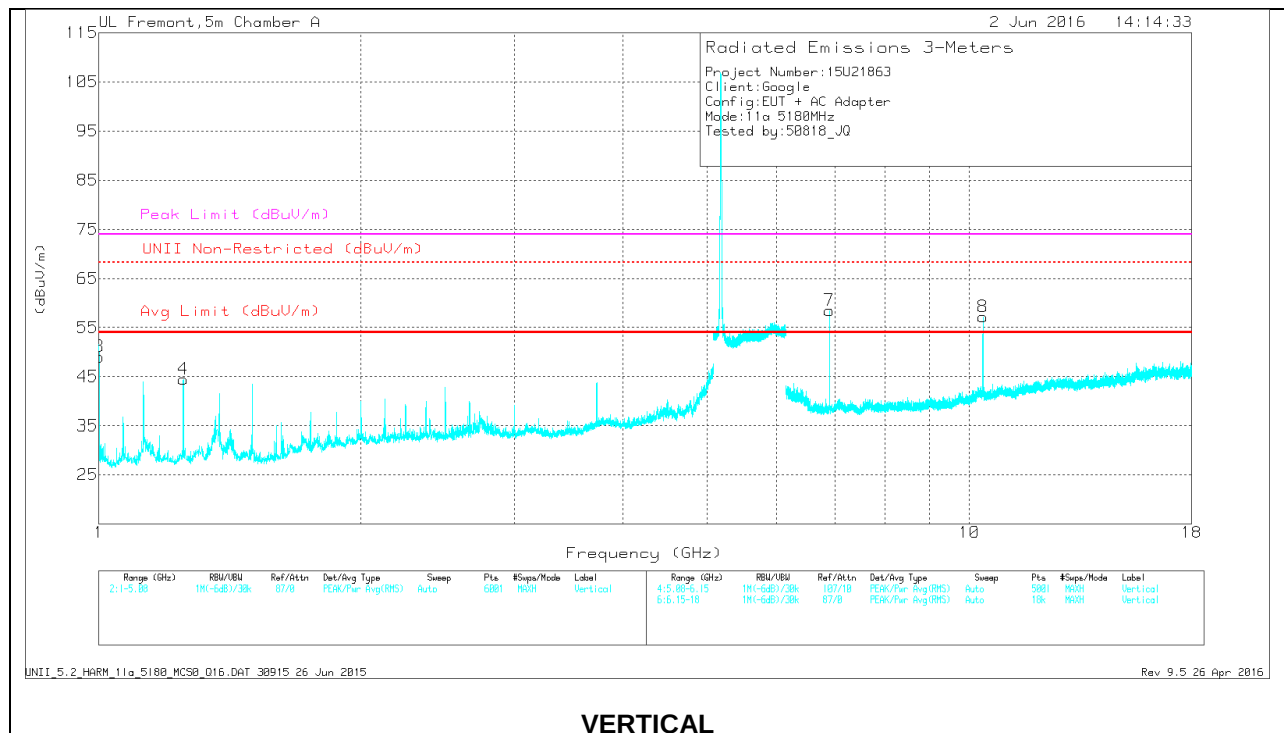
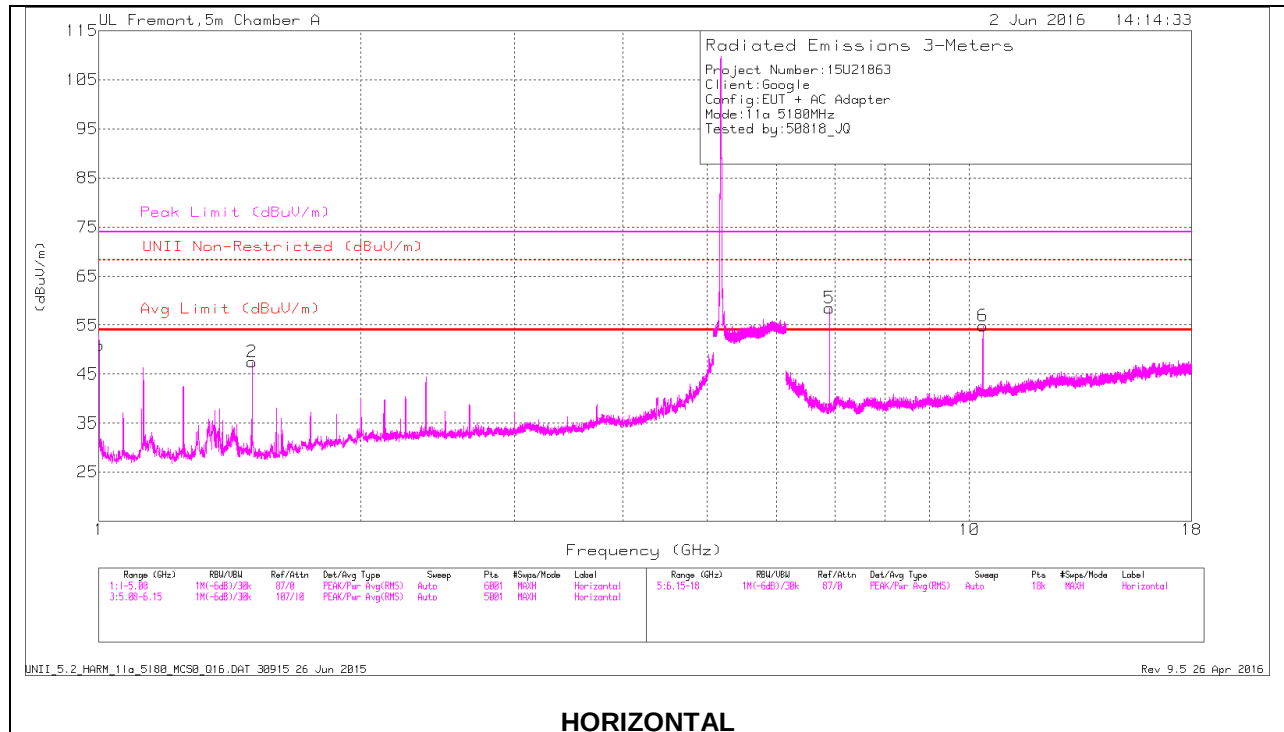


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T346 (dbm) | Amp/CbW/Ftr (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 38.58                | Pk  | 34.5          | -13.9            | 0            | 53.18                      | -                      | -           | 74                  | -14.82         | 296            | 110         | V        |
| 2      | 5.144           | 40.96                | Pk  | 34.4          | -13.7            | 0            | 61.66                      | -                      | -           | 74                  | -12.34         | 296            | 110         | V        |
| 3      | 5.15            | 29.38                | RMS | 34.5          | -13.9            | .31          | 50.29                      | 54                     | -3.71       | -                   | -              | 296            | 110         | V        |
| 4      | 5.137           | 30.68                | RMS | 34.4          | -13.9            | .31          | 51.49                      | 54                     | -2.51       | -                   | -              | 296            | 110         | V        |

Pk - Peak detector  
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

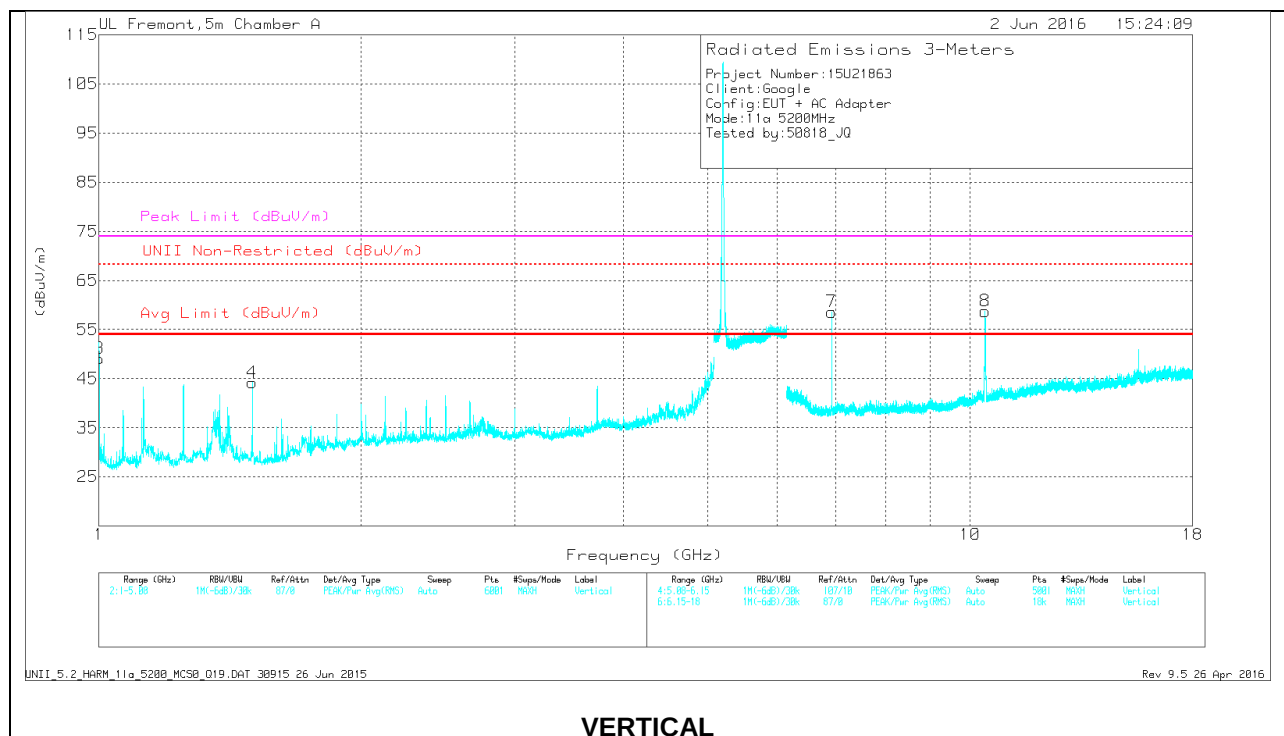
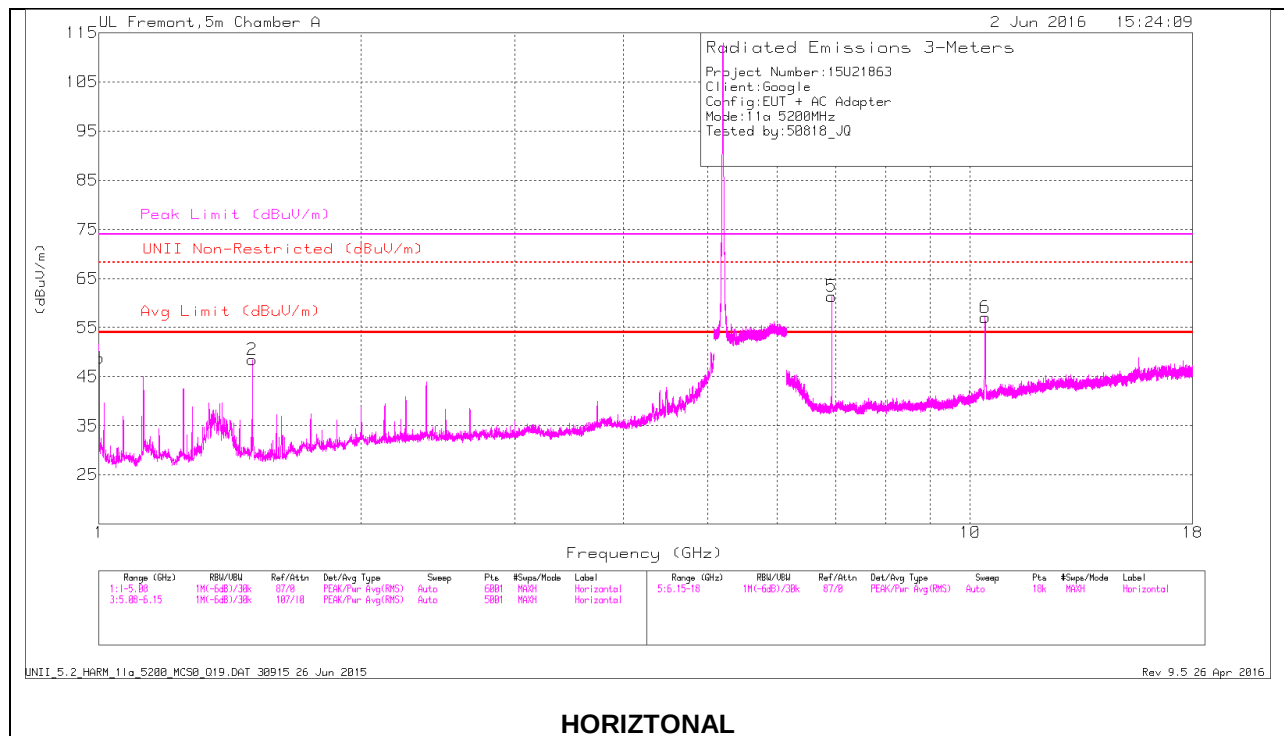
| Marker | Frequency (MHz) | Meas Reading (dBuV) | Det  | AP T346 (dB/m) | Amplitude/Dist/Pd (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | U-NII Non-Restricted (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-------------------------------|----------------|-----------------|-------------|----------|
| 1      | * 1             | 62.53               | PK-U | 27.5           | -34.7                  | 0            | 55.33                      | -                  | -           | 74                  | -18.67         | -                             | -              | 69              | 292         | H        |
|        | * 1             | 60.51               | ADR  | 27.5           | -34.7                  | .31          | 53.62                      | 54                 | -38         | -                   | -              | -                             | -              | 69              | 292         | H        |
| 2      | * 1.5           | 56.78               | PK-U | 27.9           | -34.2                  | 0            | 50.48                      | -                  | -           | 74                  | -23.52         | -                             | -              | 254             | 166         | H        |
|        | * 1.5           | 54.07               | ADR  | 27.9           | -34.2                  | .31          | 48.08                      | 54                 | -5.92       | -                   | -              | -                             | -              | 254             | 166         | H        |
| 3      | * 1             | 58.74               | PK-U | 27.5           | -34.7                  | 0            | 52.54                      | -                  | -           | 74                  | -21.46         | -                             | -              | 123             | 162         | V        |
|        | * 1             | 58.14               | ADR  | 27.5           | -34.7                  | .31          | 51.25                      | 54                 | -2.75       | -                   | -              | -                             | -              | 123             | 162         | V        |
| 4      | * 1.25          | 52.68               | PK-U | 28.6           | -34.7                  | 0            | 46.58                      | -                  | -           | 74                  | -27.42         | -                             | -              | 177             | 317         | V        |
|        | * 1.25          | 49.8                | ADR  | 28.6           | -34.7                  | .31          | 44.01                      | 54                 | -9.99       | -                   | -              | -                             | -              | 177             | 317         | V        |
| 5      | 6.907           | 50.92               | PK-U | 35.6           | -25.4                  | 0            | 61.12                      | -                  | -           | -                   | -              | 68.2                          | -7.08          | 164             | 214         | H        |
| 6      | 9.907           | 50.2                | PK-U | 35.6           | -25.4                  | 0            | 60.4                       | -                  | -           | -                   | -              | 68.2                          | -7.8           | 288             | 103         | V        |
| 7      | 10.362          | 46.32               | PK-U | 37.4           | -21.6                  | 0            | 62.12                      | -                  | -           | -                   | -              | 68.2                          | -6.08          | 45              | 215         | H        |
| 8      | 10.365          | 47.65               | PK-U | 37.4           | -21.7                  | 0            | 63.35                      | -                  | -           | -                   | -              | 68.2                          | -4.85          | 357             | 102         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## MID CHANNEL DATA

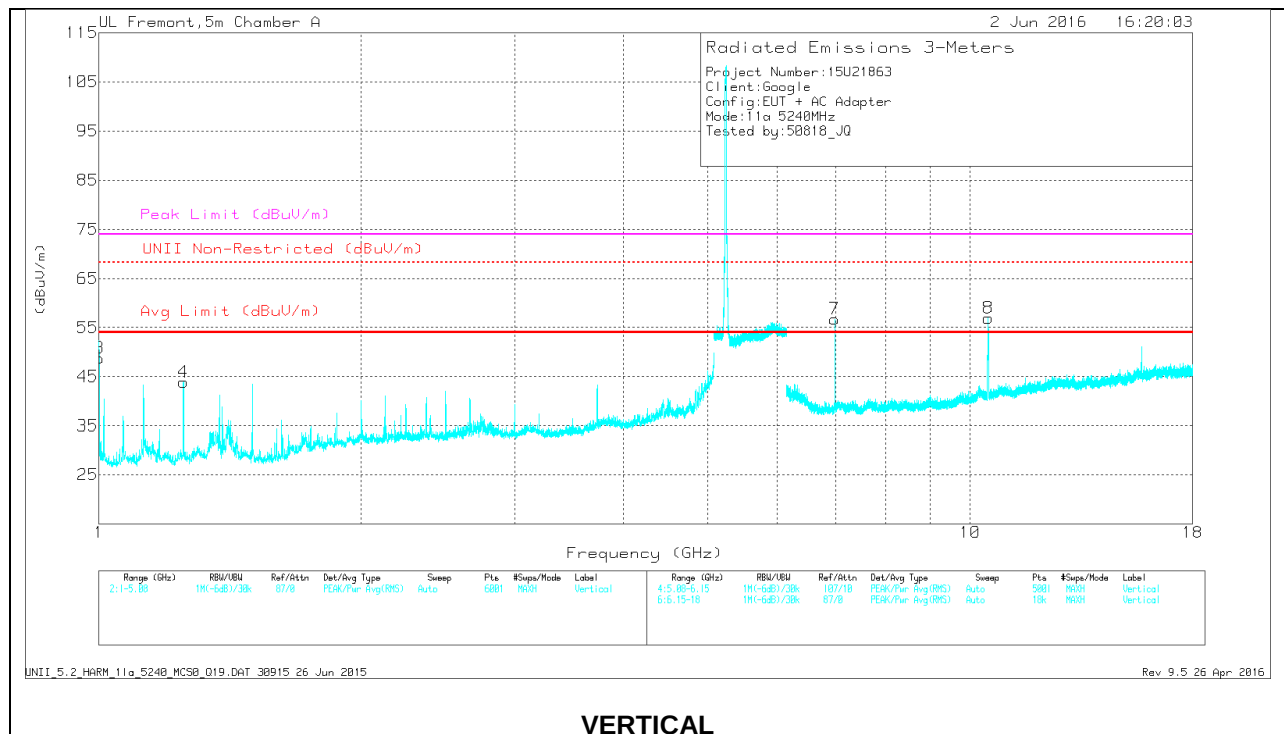
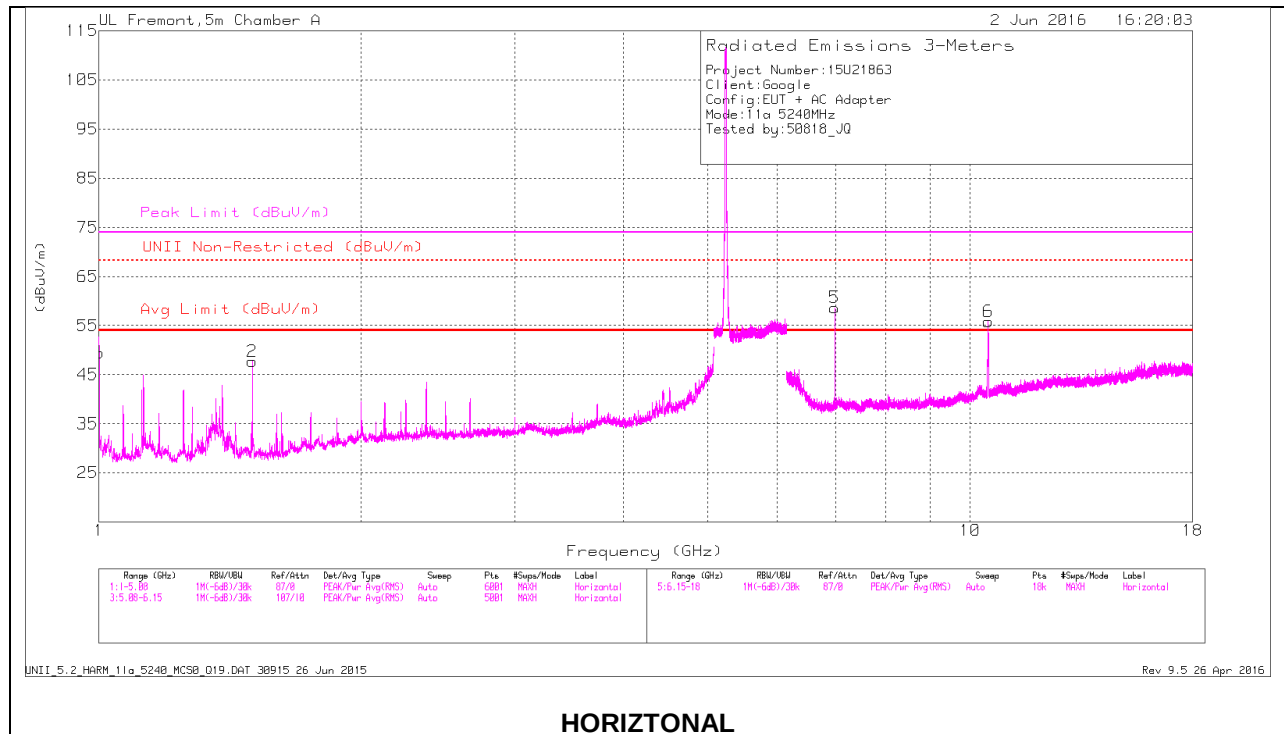
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AP T346 (dBm) | Amp/CalFtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 61.96                | PK-U | 27.5          | -34.7               | 0            | 54.76                      | -                  | -           | 74                  | -19.24         | -                           | -              | 73             | 292         | H        |
|        | * 1             | 59.93                | ADR  | 27.5          | -34.7               | .31          | 53.04                      | 54                 | -96         | -                   | -              | -                           | -              | 73             | 292         | H        |
| 2      | * 1.5           | 56.5                 | PK-U | 27.9          | -34.2               | 0            | 50.2                       | -                  | -           | 74                  | -23.8          | -                           | -              | 262            | 107         | H        |
|        | * 1.5           | 54.27                | ADR  | 27.9          | -34.2               | .31          | 48.28                      | 54                 | -5.72       | -                   | -              | -                           | -              | 262            | 107         | H        |
| 3      | * 1             | 60.28                | PK-U | 27.5          | -34.7               | 0            | 53.08                      | -                  | -           | 74                  | -20.92         | -                           | -              | 130            | 200         | V        |
|        | * 1             | 58.88                | ADR  | 27.5          | -34.7               | .31          | 51.99                      | 54                 | -2.01       | -                   | -              | -                           | -              | 130            | 200         | V        |
| 4      | * 1.5           | 54.8                 | PK-U | 27.9          | -34.2               | 0            | 48.5                       | -                  | -           | 74                  | -25.5          | -                           | -              | 52             | 367         | V        |
|        | * 1.5           | 51.17                | ADR  | 27.9          | -34.2               | .31          | 45.18                      | 54                 | -8.82       | -                   | -              | -                           | -              | 52             | 367         | V        |
| 5      | 6.933           | 51.31                | PK-U | 35.6          | -25.4               | 0            | 61.51                      | -                  | -           | -                   | -              | 68.2                        | -6.69          | 35             | 259         | H        |
| 6      | 6.933           | 49.79                | PK-U | 35.6          | -25.4               | 0            | 59.99                      | -                  | -           | -                   | -              | 68.2                        | -9.21          | 61             | 254         | V        |
| 7      | 10.401          | 46.52                | PK-U | 37.4          | -21.7               | 0            | 62.22                      | -                  | -           | -                   | -              | 68.2                        | -5.98          | 4              | 111         | V        |
| 8      | 10.405          | 44.52                | PK-U | 37.4          | -21.7               | 0            | 60.22                      | -                  | -           | -                   | -              | 68.2                        | -7.98          | 137            | 225         | H        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AP T346 (dB/m) | Amp/Ctrl/Fu/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Asimuth (Degs) | Height (m) | Polarity |
|--------|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|------------|----------|
| 1      | * 1             | 61.8                 | PK-U | 27.5           | -34.7                | 0            | 54.6                       | -                  | -           | 74                  | -19.4          | -                            | -              | 74             | 294        | H        |
|        | * 1             | 59.54                | ADR  | 27.5           | -34.7                | .31          | 52.65                      | 54                 | -1.35       | -                   | -              | -                            | -              | 74             | 294        | H        |
| 2      | * 1.5           | 55.63                | PK-U | 27.9           | -34.2                | 0            | 49.53                      | -                  | -           | 74                  | -24.47         | -                            | -              | 262            | 108        | H        |
|        | * 1.5           | 53.63                | ADR  | 27.9           | -34.2                | .31          | 47.64                      | 54                 | -6.36       | -                   | -              | -                            | -              | 262            | 108        | H        |
| 3      | * 1             | 60.4                 | PK-U | 27.5           | -34.7                | 0            | 53.2                       | -                  | -           | 74                  | -20.8          | -                            | -              | 127            | 389        | V        |
|        | * 1             | 58.7                 | ADR  | 27.5           | -34.7                | .31          | 51.81                      | 54                 | -2.19       | -                   | -              | -                            | -              | 127            | 389        | V        |
| 4      | * 1.25          | 54.08                | PK-U | 28.6           | -34.7                | 0            | 47.98                      | -                  | -           | 74                  | -26.02         | -                            | -              | 235            | 273        | V        |
|        | * 1.25          | 51.29                | ADR  | 28.6           | -34.7                | .31          | 45.5                       | 54                 | -8.5        | -                   | -              | -                            | -              | 235            | 273        | V        |
| 5      | 6.987           | 48.84                | PK-U | 35.7           | -25.3                | 0            | 59.24                      | -                  | -           | -                   | -              | 68.2                         | -8.96          | 165            | 217        | H        |
| 6      | 6.987           | 47.87                | PK-U | 35.7           | -25.3                | 0            | 58.27                      | -                  | -           | -                   | -              | 68.2                         | -9.93          | 105            | 103        | V        |
| 7      | 10.482          | 45.8                 | PK-U | 37.5           | -21.8                | 0            | 61.5                       | -                  | -           | -                   | -              | 68.2                         | -6.7           | 40             | 275        | H        |
| 8      | 10.483          | 47.68                | PK-U | 37.5           | -21.8                | 0            | 63.38                      | -                  | -           | -                   | -              | 68.2                         | -4.82          | 294            | 201        | V        |

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

PK-U - U-NII: Maximum Peak

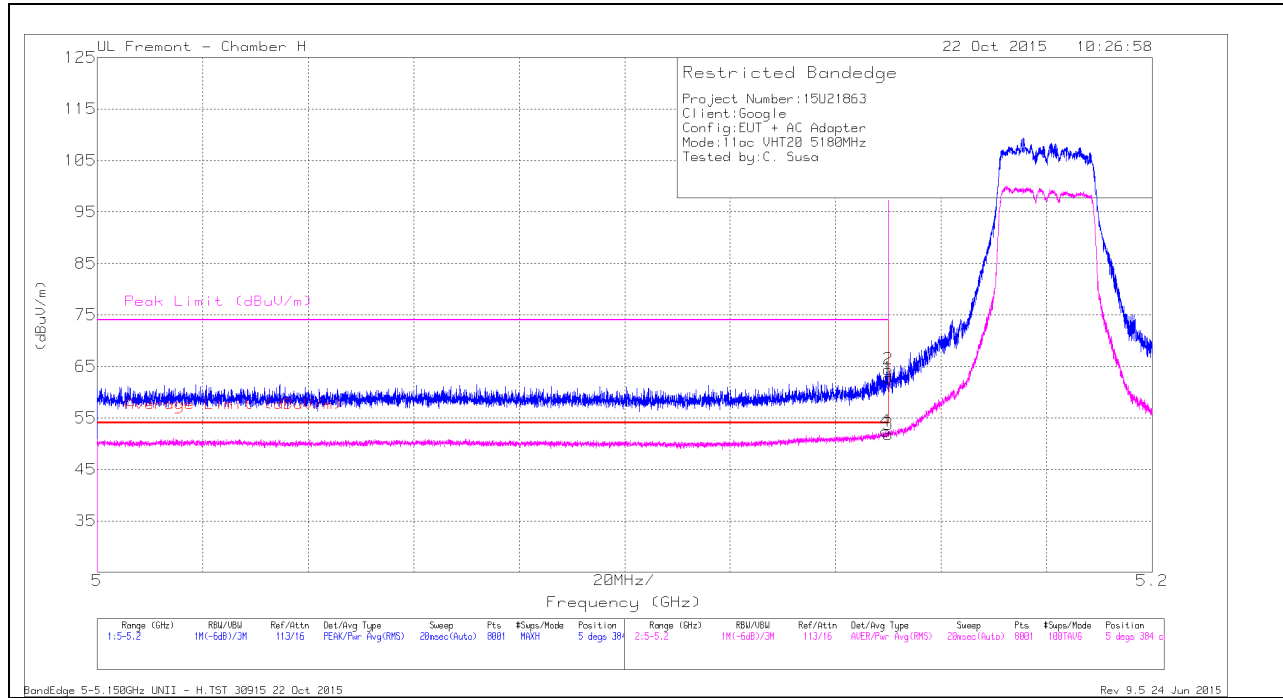
ADR - U-NII AD primary method, RMS average

## 5.1.2. 802.11ac VHT20 MODE IN THE 5.2GHz BAND

### 4Tx 4 STREAM CDD MODE

### RESTRICTED BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULTS



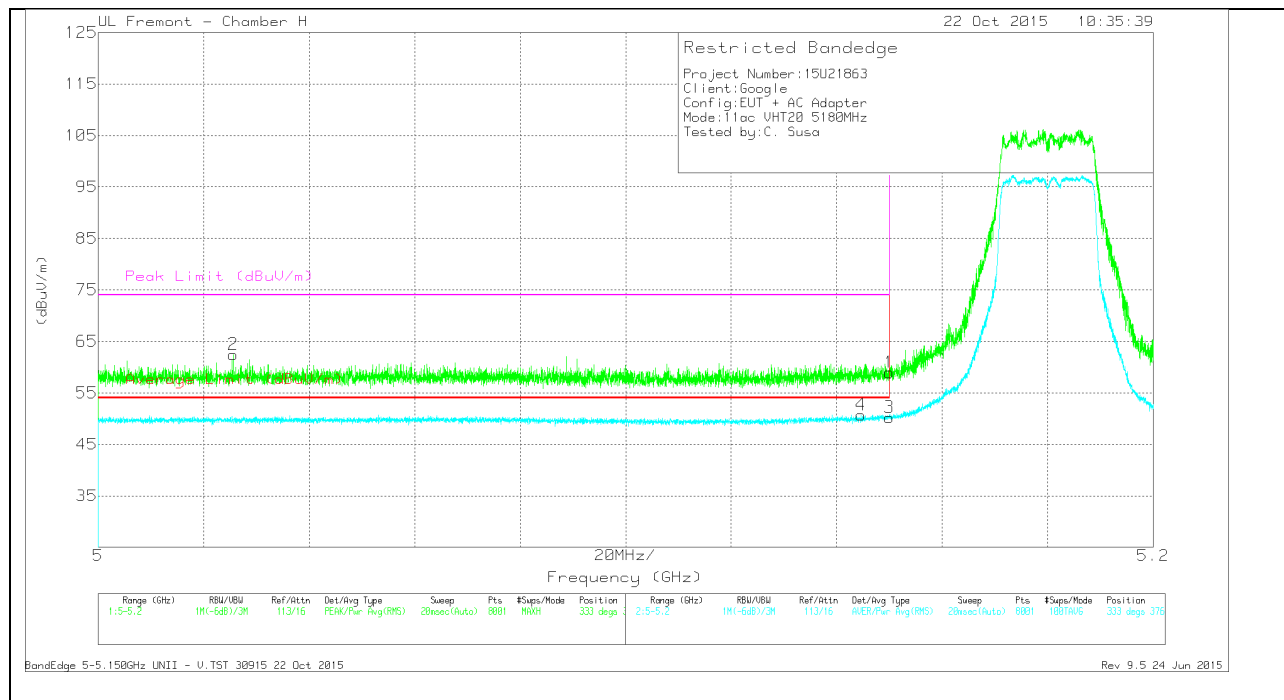
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 47.18                | Pk  | 34.4          | -18.8                  | 0            | 62.78                      | -                      | -           | 74                  | -11.22         | 5              | 384         | H        |
| 2      | * 5.15          | 48.83                | Pk  | 34.4          | -18.8                  | 0            | 64.43                      | -                      | -           | 74                  | -9.57          | 5              | 384         | H        |
| 3      | * 5.15          | 36.06                | RMS | 34.4          | -18.8                  | .18          | 51.84                      | 54                     | -2.16       | -                   | -              | 5              | 384         | H        |
| 4      | * 5.15          | 36.64                | RMS | 34.4          | -18.8                  | .18          | 52.42                      | 54                     | -1.58       | -                   | -              | 5              | 384         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.026         | 46.76                | Pk  | 34.3           | -18.6                  | 0            | 62.46                      | -                      | -           | 74                  | -11.54         | 333            | 376         | V        |
| 4      | * 5.145         | 35.13                | RMS | 34.4           | -18.8                  | 0            | 50.73                      | 54                     | -3.27       | -                   | -              | 333            | 376         | V        |
| 1      | * 5.15          | 43.36                | Pk  | 34.4           | -18.8                  | 0.18         | 59.14                      | -                      | -           | 74                  | -15.04         | 333            | 376         | V        |
| 3      | * 5.15          | 34.64                | RMS | 34.4           | -18.8                  | 0.18         | 50.42                      | 54                     | -3.58       | -                   | -              | 333            | 376         | V        |

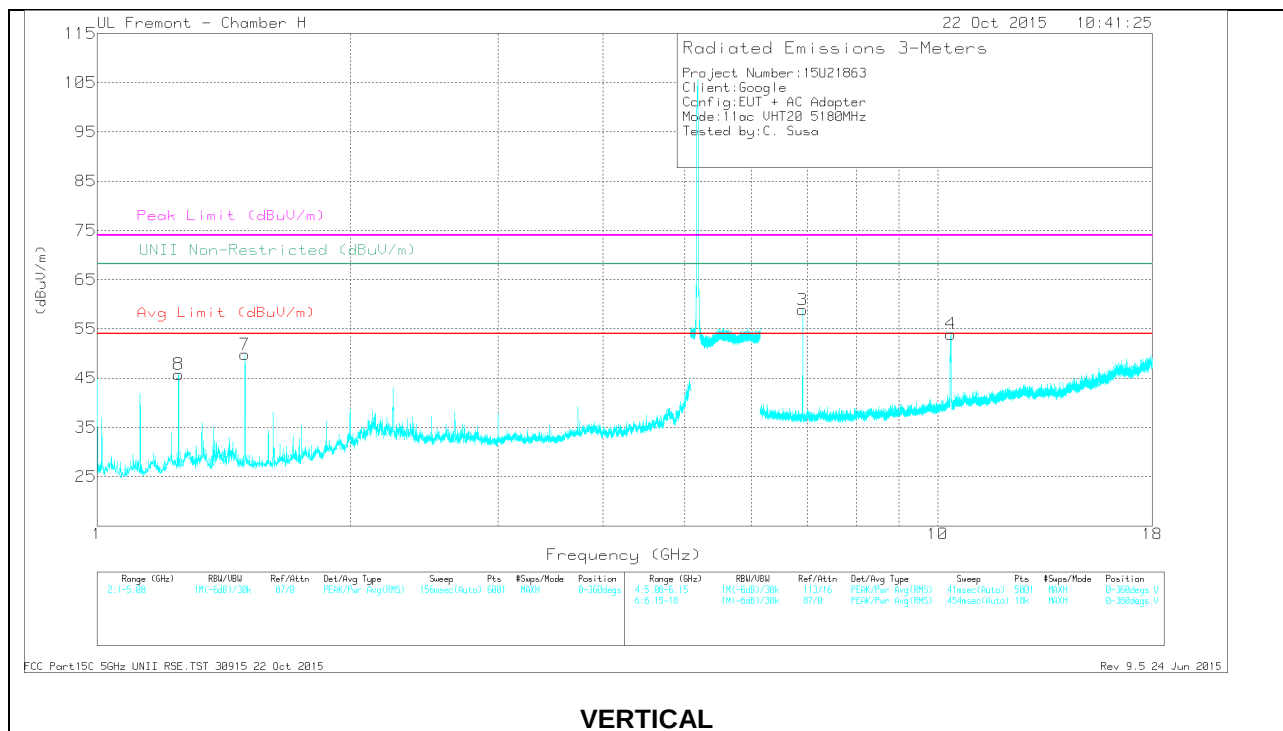
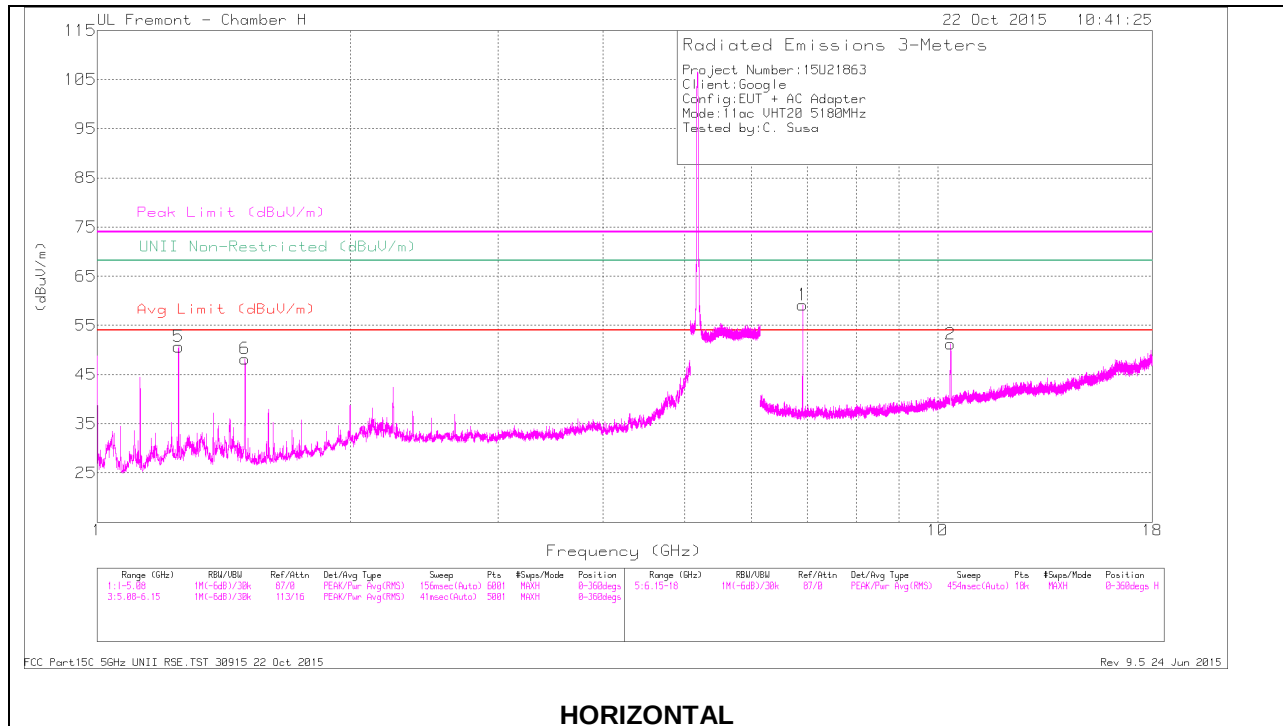
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

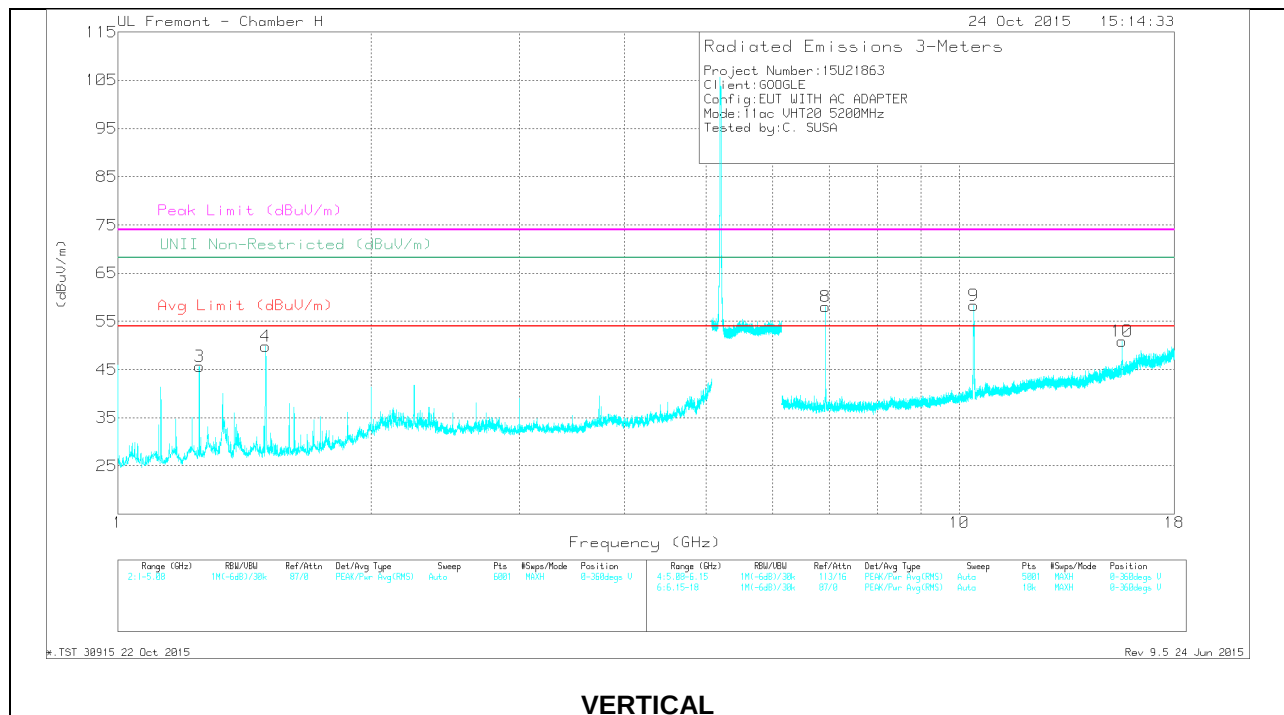
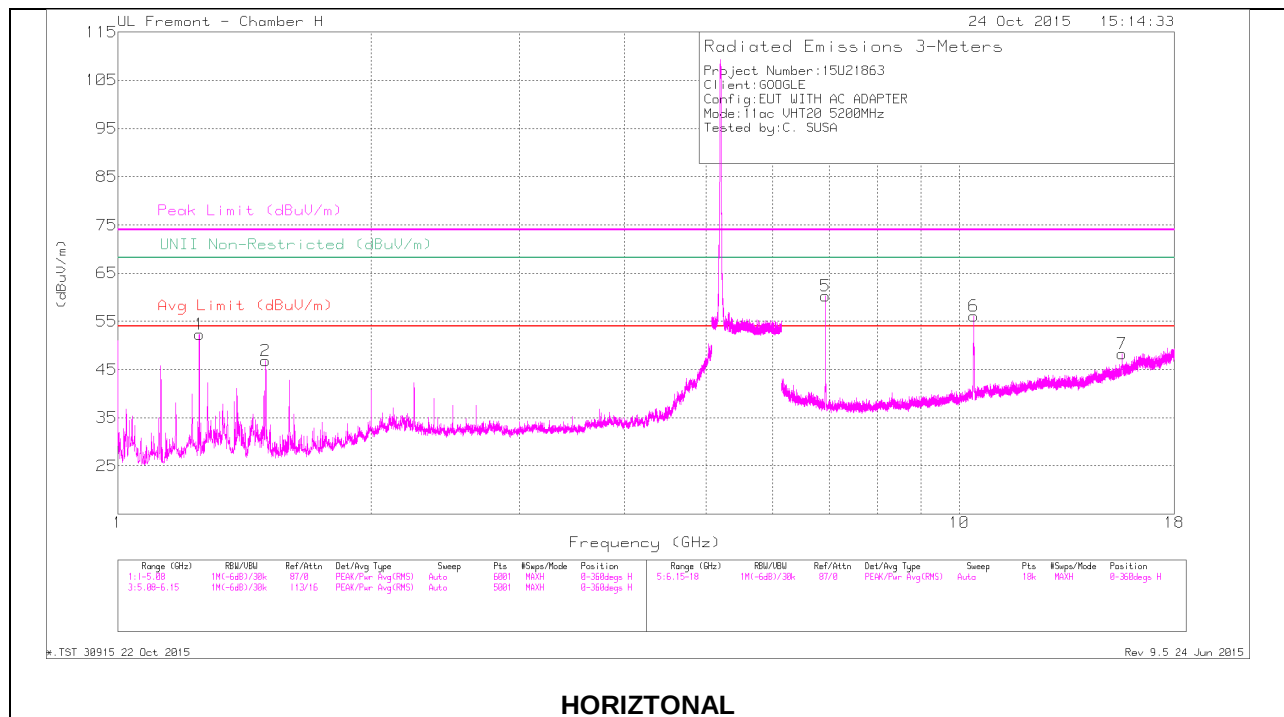
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 5      | * 1.25          | 59.23                | PK-U | 28.5           | -34.5                   | 0            | 53.23                      | -                  | -           | 74                  | -20.77         | -                            | -              | 255            | 200         | H        |
|        | * 1.25          | 55.49                | ADR  | 28.5           | -34.5                   | .18          | 49.67                      | 54                 | -4.33       | -                   | -              | -                            | -              | 255            | 200         | H        |
| 6      | * 1.5           | 59.56                | PK-U | 28.1           | -34.1                   | 0            | 53.56                      | -                  | -           | 74                  | -20.44         | -                            | -              | 332            | 361         | H        |
|        | * 1.5           | 52.93                | ADR  | 28.1           | -34.1                   | .18          | 47.11                      | 54                 | -6.89       | -                   | -              | -                            | -              | 332            | 361         | H        |
| 7      | * 1.5           | 62.41                | PK-U | 28.1           | -34.1                   | 0            | 56.41                      | -                  | -           | 74                  | -17.59         | -                            | -              | 11             | 220         | V        |
|        | * 1.5           | 56.35                | ADR  | 28.1           | -34.1                   | .18          | 50.53                      | 54                 | -3.47       | -                   | -              | -                            | -              | 11             | 220         | V        |
| 8      | * 1.25          | 56.31                | PK-U | 28.5           | -34.5                   | 0            | 50.31                      | -                  | -           | 74                  | -23.69         | -                            | -              | 297            | 251         | V        |
|        | * 1.25          | 53.84                | ADR  | 28.5           | -34.5                   | .18          | 48.02                      | 54                 | -5.98       | -                   | -              | -                            | -              | 297            | 251         | V        |
| 1      | 6.907           | 54.51                | PK-U | 35.8           | -29.5                   | 0            | 60.81                      | -                  | -           | -                   | -              | 68.2                         | -7.39          | 78             | 388         | H        |
| 3      | 6.907           | 52.52                | PK-U | 35.8           | -29.5                   | 0            | 58.82                      | -                  | -           | -                   | -              | 68.2                         | -9.38          | 175            | 202         | V        |
| 4      | 10.358          | 48.47                | PK-U | 37.2           | -24.8                   | 0            | 60.87                      | -                  | -           | -                   | -              | 68.2                         | -7.33          | 356            | 229         | V        |
| 2      | 10.367          | 47.46                | PK-U | 37.2           | -24.9                   | 0            | 59.76                      | -                  | -           | -                   | -              | 68.2                         | -8.44          | 339            | 115         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



# MID CHANNEL DATA

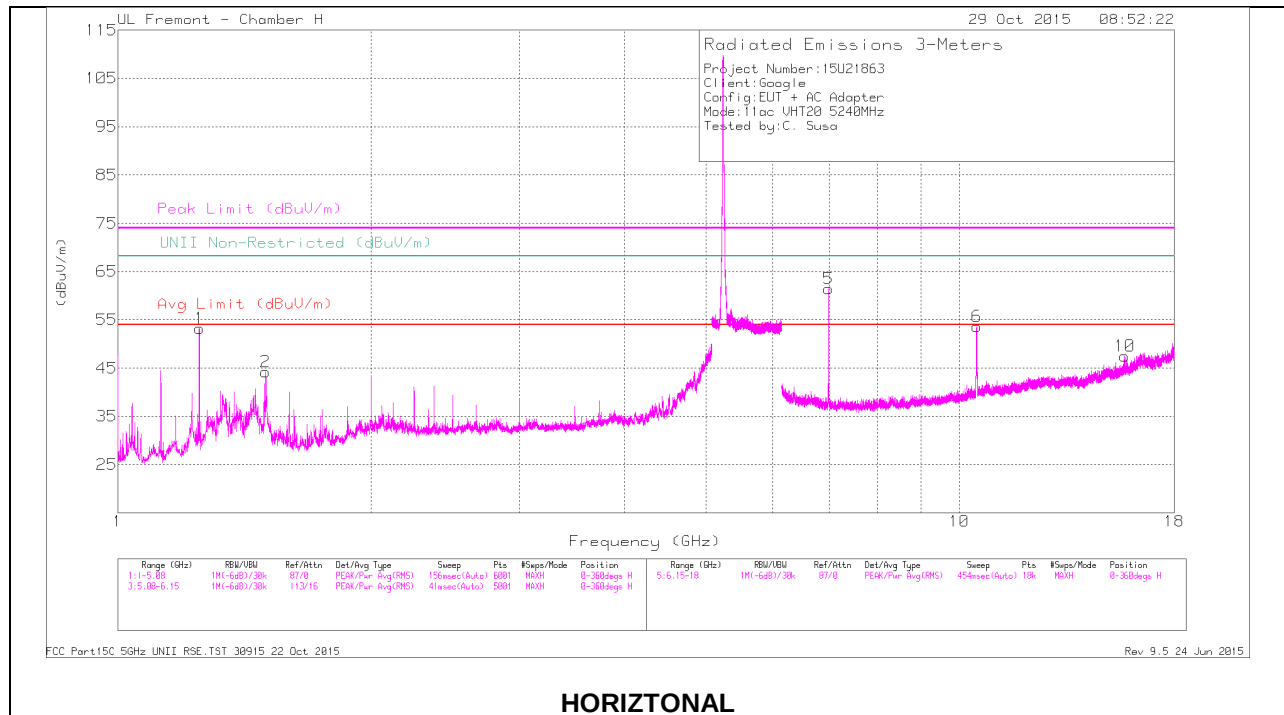
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.25          | 60.67                | PK-U | 28.5           | -34.5                  | 0            | 54.67                      | -                  | -           | 74                  | -19.33         | -                            | -              | 71             | 128         | H        |
|        | * 1.25          | 58.53                | ADR  | 28.5           | -34.5                  | .18          | 52.71                      | 54                 | -1.29       | -                   | -              | -                            | -              | 71             | 128         | H        |
| 2      | * 1.5           | 59.42                | PK-U | 28.1           | -34.1                  | 0            | 53.42                      | -                  | -           | 74                  | -20.58         | -                            | -              | 148            | 130         | H        |
|        | * 1.5           | 53.2                 | ADR  | 28.1           | -34.1                  | .18          | 47.38                      | 54                 | -6.62       | -                   | -              | -                            | -              | 148            | 130         | H        |
| 3      | * 1.25          | 57.5                 | PK-U | 28.5           | -34.5                  | 0            | 51.5                       | -                  | -           | 74                  | -22.5          | -                            | -              | 331            | 377         | V        |
|        | * 1.25          | 55.74                | ADR  | 28.5           | -34.5                  | .18          | 49.92                      | 54                 | -4.08       | -                   | -              | -                            | -              | 331            | 377         | V        |
| 4      | * 1.5           | 62.85                | PK-U | 28.1           | -34.1                  | 0            | 56.85                      | -                  | -           | 74                  | -17.15         | -                            | -              | 21             | 226         | V        |
|        | * 1.5           | 56.66                | ADR  | 28.1           | -34.1                  | .18          | 50.84                      | 54                 | -3.16       | -                   | -              | -                            | -              | 21             | 226         | V        |
| 7      | * 15.61         | 41.53                | PK-U | 40.9           | -22.4                  | 0            | 60.03                      | -                  | -           | 74                  | -13.97         | -                            | -              | 30             | 273         | H        |
|        | * 15.61         | 29.08                | ADR  | 40.9           | -22.4                  | .18          | 47.76                      | 54                 | -6.24       | -                   | -              | -                            | -              | 30             | 273         | H        |
| 10     | * 15.597        | 44.37                | PK-U | 40.9           | -22.7                  | 0            | 62.57                      | -                  | -           | 74                  | -11.43         | -                            | -              | 111            | 245         | V        |
|        | * 15.597        | 30.64                | ADR  | 40.9           | -22.7                  | .18          | 49.02                      | 54                 | -4.98       | -                   | -              | -                            | -              | 111            | 245         | V        |
| 5      | 6.933           | 55.94                | PK-U | 35.8           | -29.5                  | 0            | 62.24                      | -                  | -           | -                   | -              | 68.2                         | -5.96          | 92             | 101         | H        |
| 8      | 6.933           | 54.15                | PK-U | 35.8           | -29.5                  | 0            | 60.45                      | -                  | -           | -                   | -              | 68.2                         | -7.75          | 30             | 180         | V        |
| 9      | 10.397          | 47.56                | PK-U | 37.3           | -24.8                  | 0            | 60.06                      | -                  | -           | -                   | -              | 68.2                         | -8.14          | 92             | 370         | V        |
| 6      | 10.403          | 49.55                | PK-U | 37.3           | -24.9                  | 0            | 61.95                      | -                  | -           | -                   | -              | 68.2                         | -6.25          | 72             | 107         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

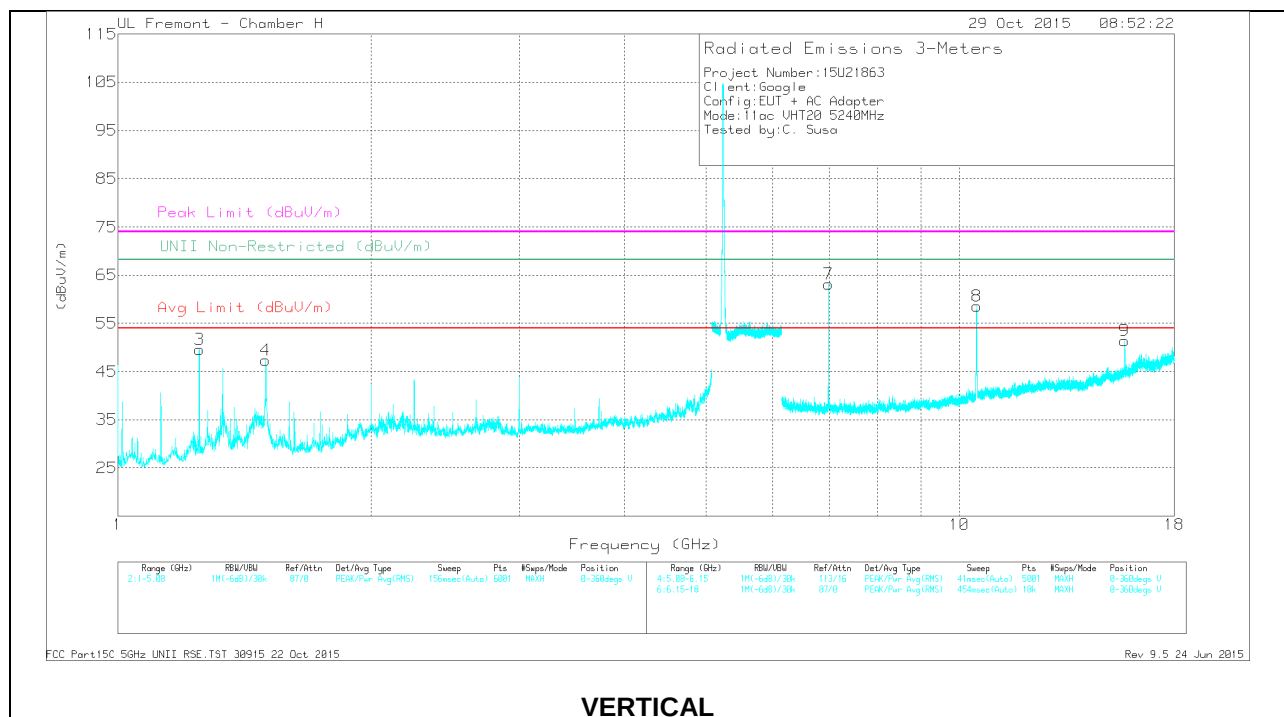
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.25          | 59.3                 | PK-U | 28.5           | -34.5                  | 0            | 53.3                       | -                  | -           | 74                  | -20.7          | -                            | -              | 191            | 100         | H        |
|        | * 1.25          | 57.43                | ADR  | 28.5           | -34.5                  | .18          | 51.61                      | 54                 | -2.39       | -                   | -              | -                            | -              | 191            | 100         | H        |
| 2      | * 1.5           | 57.72                | PK-U | 28.1           | -34.1                  | 0            | 51.72                      | -                  | -           | 74                  | -22.28         | -                            | -              | 132            | 143         | H        |
|        | * 1.5           | 47.39                | ADR  | 28.1           | -34.1                  | .18          | 41.57                      | 54                 | -12.43      | -                   | -              | -                            | -              | 132            | 143         | H        |
| 3      | * 1.25          | 56.39                | PK-U | 28.5           | -34.5                  | 0            | 50.39                      | -                  | -           | 74                  | -23.61         | -                            | -              | 42             | 100         | V        |
|        | * 1.25          | 54.41                | ADR  | 28.5           | -34.5                  | .18          | 48.59                      | 54                 | -5.41       | -                   | -              | -                            | -              | 42             | 100         | V        |
| 4      | * 1.5           | 57.4                 | PK-U | 28.1           | -34.1                  | 0            | 51.4                       | -                  | -           | 74                  | -22.6          | -                            | -              | 16             | 161         | V        |
|        | * 1.5           | 47.2                 | ADR  | 28.1           | -34.1                  | .18          | 41.38                      | 54                 | -12.62      | -                   | -              | -                            | -              | 16             | 161         | V        |
| 10     | * 15.721        | 38.56                | PK-U | 40.9           | -22.3                  | 0            | 57.16                      | -                  | -           | 74                  | -16.84         | -                            | -              | 53             | 293         | H        |
|        | * 15.722        | 25.77                | ADR  | 40.9           | -22.3                  | .18          | 44.55                      | 54                 | -9.45       | -                   | -              | -                            | -              | 53             | 293         | H        |
| 9      | * 15.719        | 39.45                | PK-U | 40.9           | -22.3                  | 0            | 58.05                      | -                  | -           | 74                  | -15.95         | -                            | -              | 64             | 185         | V        |
|        | * 15.72         | 26.5                 | ADR  | 40.9           | -22.3                  | .18          | 45.28                      | 54                 | -8.72       | -                   | -              | -                            | -              | 64             | 185         | V        |
| 5      | 6.987           | 54.03                | PK-U | 35.8           | -28.7                  | 0            | 61.13                      | -                  | -           | -                   | -              | 68.2                         | -7.07          | 115            | 100         | H        |
| 7      | 6.987           | 53.66                | PK-U | 35.8           | -28.7                  | 0            | 60.76                      | -                  | -           | -                   | -              | 68.2                         | -7.44          | 31             | 192         | V        |
| 6      | 10.482          | 49.65                | PK-U | 37.4           | -24.8                  | 0            | 62.25                      | -                  | -           | -                   | -              | 68.2                         | -5.95          | 298            | 185         | H        |
| 8      | 10.482          | 52                   | PK-U | 37.4           | -24.8                  | 0            | 64.6                       | -                  | -           | -                   | -              | 68.2                         | -3.6           | 9              | 131         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

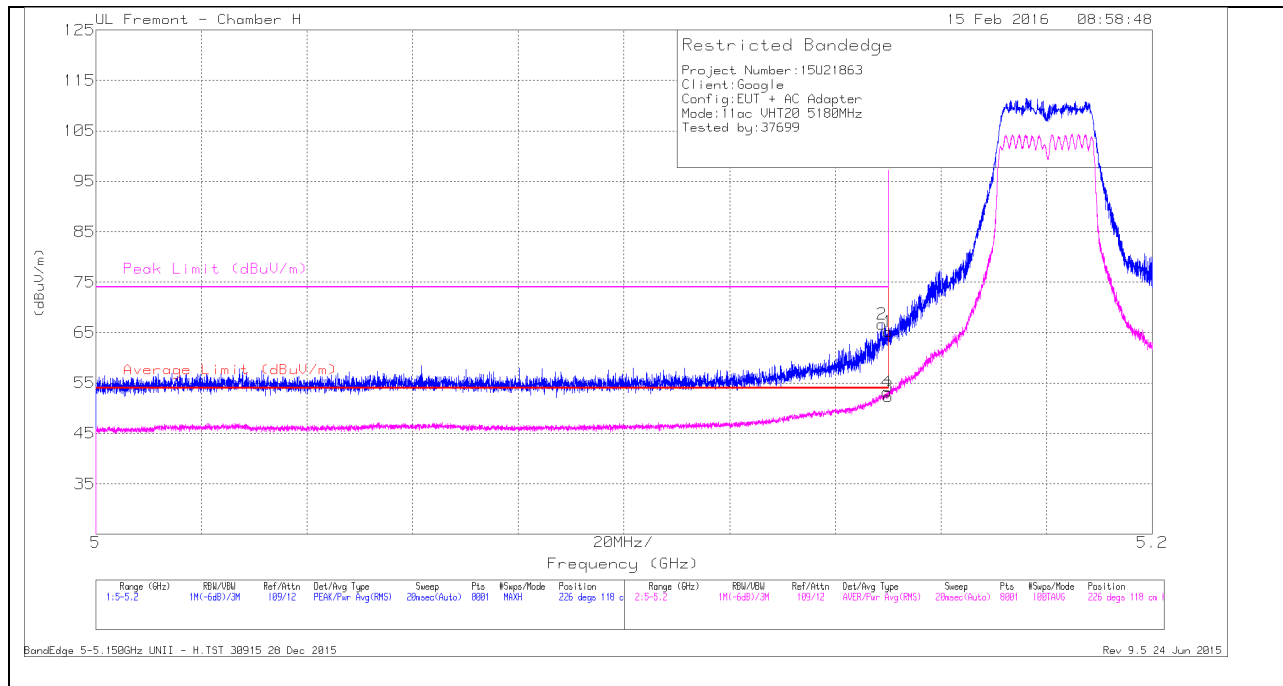
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**4Tx 1 STREAM CDD MODE**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULTS**



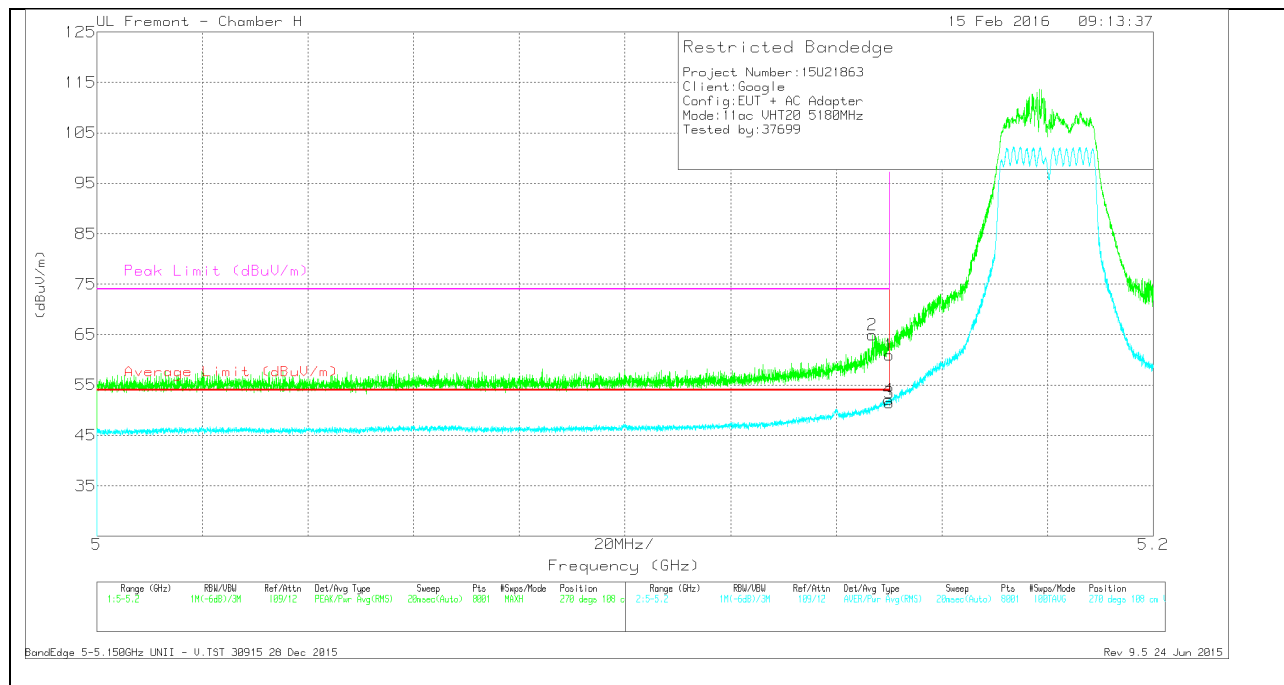
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 49.23                | Pk  | 34.4           | -18.5                  | 65.13                      | -                      | -           | 74                  | -8.87          | 226            | 118         | H        |
| 2      | * 5.149         | 50.74                | Pk  | 34.4           | -18.5                  | 66.64                      | -                      | -           | 74                  | -7.36          | 226            | 118         | H        |
| 3      | * 5.15          | 36.48                | RMS | 34.4           | -18.5                  | 52.38                      | 54                     | -1.62       | -                   | -              | 226            | 118         | H        |
| 4      | * 5.15          | 37.37                | RMS | 34.4           | -18.5                  | 53.27                      | 54                     | -.73        | -                   | -              | 226            | 118         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/ Filt/Pad (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 44.99                | Pk  | 34.4           | -18.5                 | 60.89                      | -                      | -           | 74                  | -13.11         | 270            | 108         | V        |
| 2      | * 5.147         | 48.98                | Pk  | 34.4           | -18.4                 | 64.98                      | -                      | -           | 74                  | -9.02          | 270            | 108         | V        |
| 3      | * 5.15          | 35.59                | RMS | 34.4           | -18.5                 | 51.49                      | 54                     | -2.51       | -                   | -              | 270            | 108         | V        |
| 4      | * 5.15          | 36.17                | RMS | 34.4           | -18.5                 | 52.07                      | 54                     | -1.93       | -                   | -              | 270            | 108         | V        |

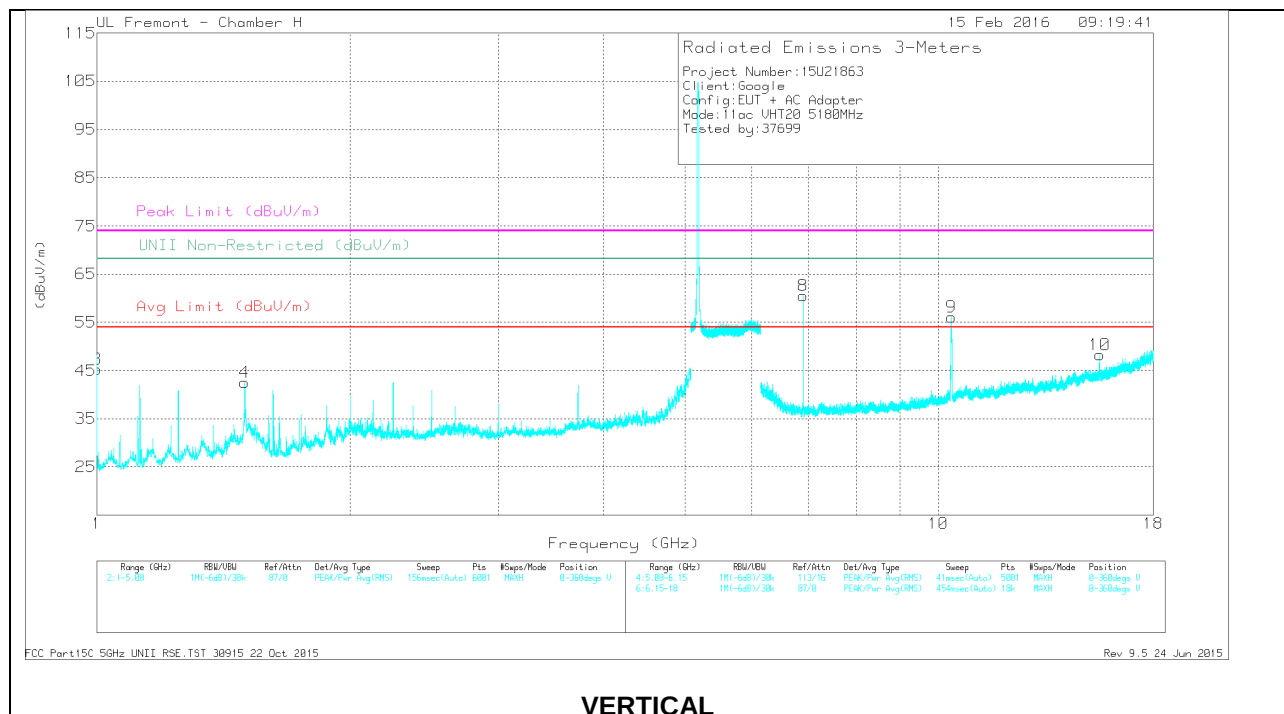
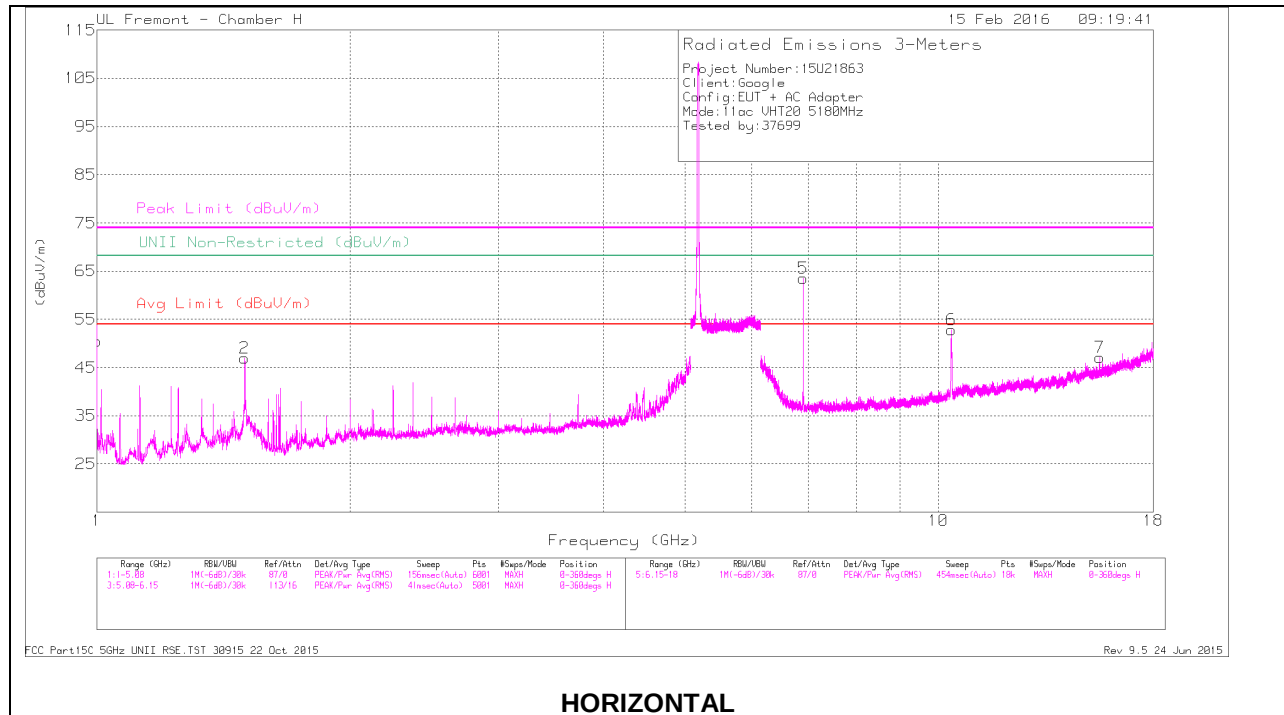
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

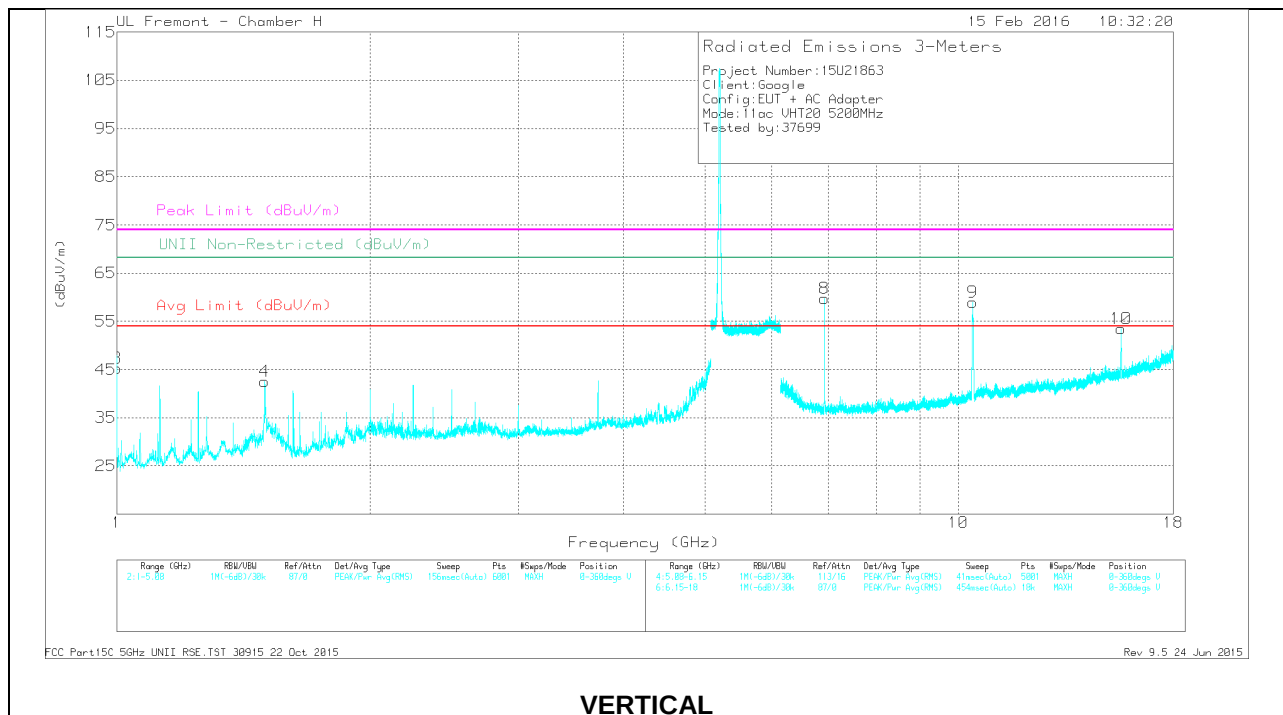
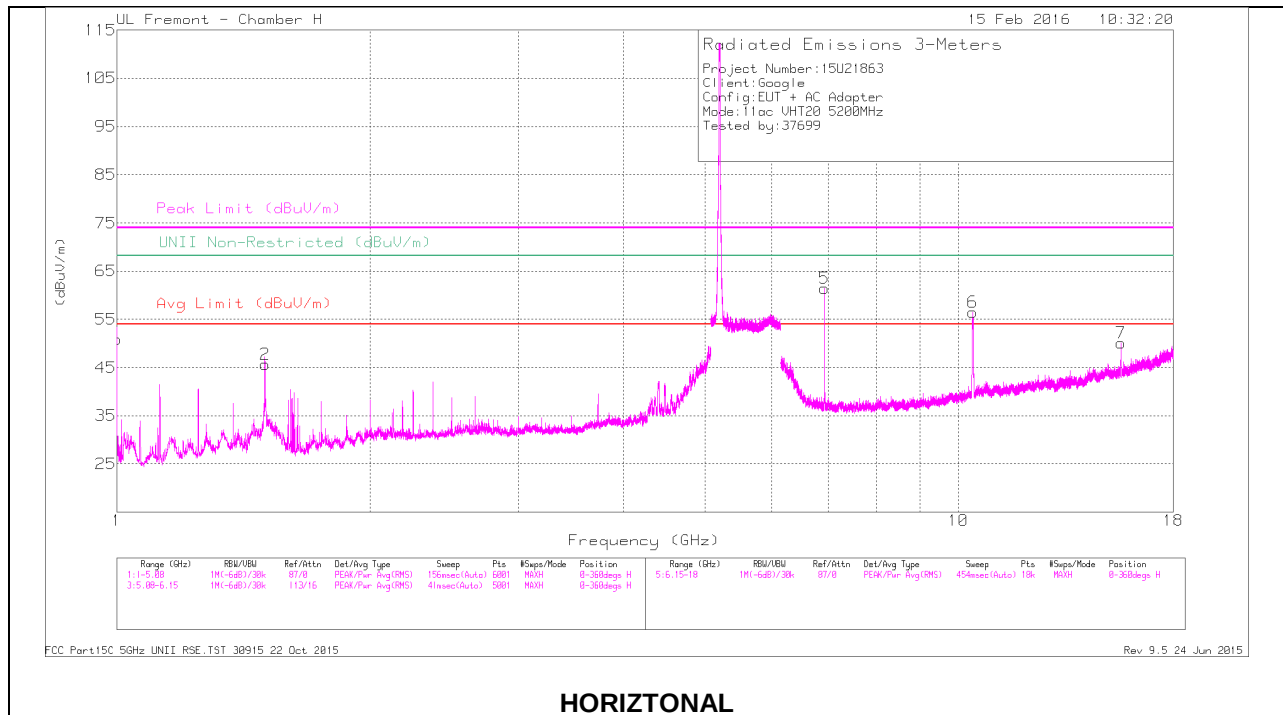
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/F ltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 63.09                | PK-U | 27            | -34.2                  | 55.89                      | -                  | -           | 74                  | -18.11         | -                            | -              | 228            | 250         | H        |
|        | * 1             | 60.98                | ADR  | 27            | -34.2                  | 53.78                      | 54                 | -22         | -                   | -              | -                            | -              | 228            | 250         | H        |
| 2      | * 1.5           | 59.63                | PK-U | 28.1          | -34.3                  | 53.43                      | -                  | -           | 74                  | -20.57         | -                            | -              | 354            | 144         | H        |
|        | * 1.5           | 51.58                | ADR  | 28.1          | -34.3                  | 45.38                      | 54                 | -8.62       | -                   | -              | -                            | -              | 354            | 144         | H        |
| 3      | * 1             | 59.13                | PK-U | 27            | -34.2                  | 51.93                      | -                  | -           | 74                  | -22.07         | -                            | -              | 255            | 312         | V        |
|        | * 1             | 56.85                | ADR  | 27            | -34.2                  | 49.65                      | 54                 | -4.35       | -                   | -              | -                            | -              | 255            | 312         | V        |
| 4      | * 1.5           | 58.16                | PK-U | 28.1          | -34.3                  | 51.96                      | -                  | -           | 74                  | -22.04         | -                            | -              | 273            | 382         | V        |
|        | * 1.5           | 48.08                | ADR  | 28.1          | -34.3                  | 41.88                      | 54                 | -12.12      | -                   | -              | -                            | -              | 273            | 382         | V        |
| 7      | * 15.546        | 37.99                | PK-U | 40.8          | -21.6                  | 57.19                      | -                  | -           | 74                  | -16.81         | -                            | -              | 284            | 236         | H        |
|        | * 15.54         | 25.7                 | ADR  | 40.8          | -21.6                  | 44.9                       | 54                 | -9.1        | -                   | -              | -                            | -              | 284            | 236         | H        |
| 10     | * 15.547        | 39.73                | PK-U | 40.8          | -21.6                  | 58.93                      | -                  | -           | 74                  | -15.07         | -                            | -              | 349            | 214         | V        |
|        | * 15.541        | 26.74                | ADR  | 40.8          | -21.6                  | 45.94                      | 54                 | -8.06       | -                   | -              | -                            | -              | 349            | 214         | V        |
| 5      | 6.907           | 56.49                | PK-U | 35.8          | -27.6                  | 64.69                      | -                  | -           | -                   | -              | 68.2                         | -3.51          | 338            | 100         | H        |
| 9      | 6.907           | 53.08                | PK-U | 35.8          | -27.6                  | 61.28                      | -                  | -           | -                   | -              | 68.2                         | -6.92          | 57             | 231         | V        |
| 9      | 10.361          | 50.51                | PK-U | 37.2          | -23.4                  | 64.31                      | -                  | -           | -                   | -              | 68.2                         | -3.89          | 150            | 107         | V        |
| 6      | 10.365          | 46.68                | PK-U | 37.2          | -23.4                  | 60.48                      | -                  | -           | -                   | -              | 68.2                         | -7.72          | 182            | 214         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## MID CHANNEL DATA

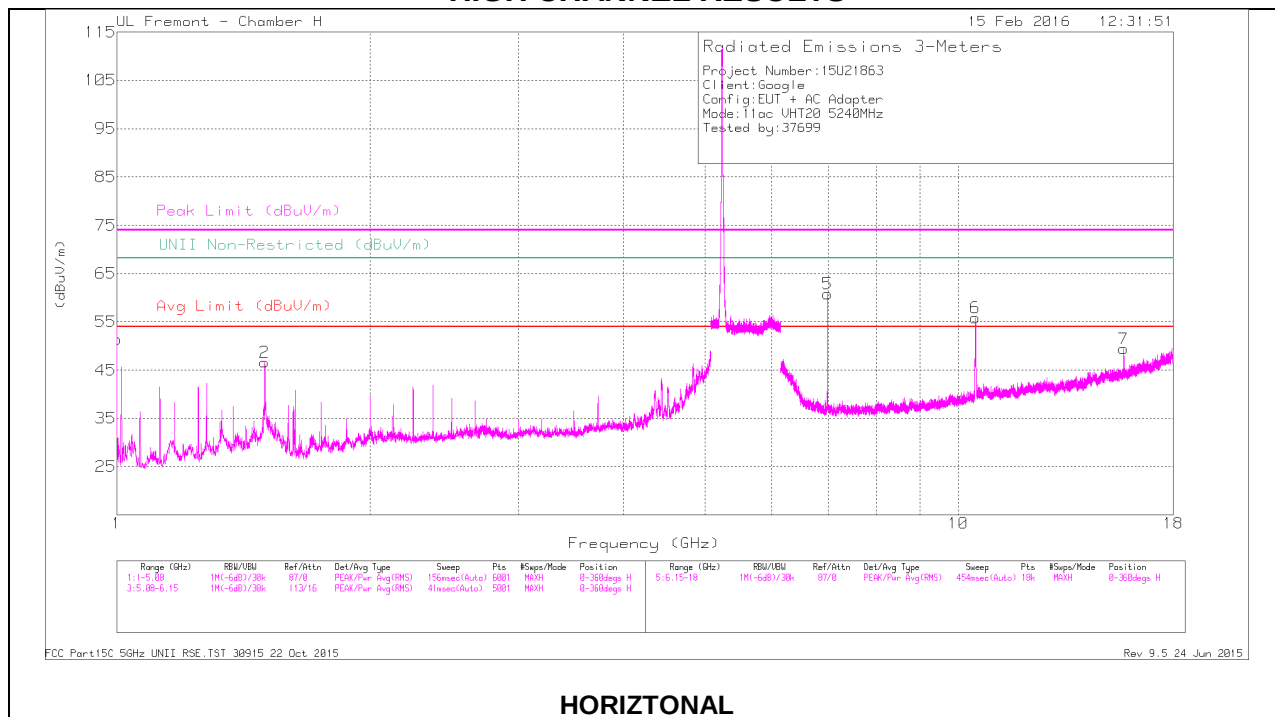
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/F ltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 63.21                | PK-U | 27            | -34.2                  | 56.01                      | -                  | -           | 74                  | -17.99         | -                            | -              | 231            | 256         | H        |
|        | * 1             | 61                   | ADR  | 27            | -34.2                  | 53.8                       | 54                 | -2          | -                   | -              | -                            | -              | 231            | 256         | H        |
| 2      | * 1.5           | 60.5                 | PK-U | 28.1          | -34.3                  | 54.3                       | -                  | -           | 74                  | -19.7          | -                            | -              | 348            | 266         | H        |
|        | * 1.5           | 51.85                | ADR  | 28.1          | -34.3                  | 45.65                      | 54                 | -8.35       | -                   | -              | -                            | -              | 348            | 266         | H        |
| 3      | * 1             | 59.57                | PK-U | 27            | -34.2                  | 52.37                      | -                  | -           | 74                  | -21.63         | -                            | -              | 257            | 315         | V        |
|        | * 1             | 57.22                | ADR  | 27            | -34.2                  | 50.02                      | 54                 | -3.98       | -                   | -              | -                            | -              | 257            | 315         | V        |
| 4      | * 1.5           | 57.2                 | PK-U | 28.1          | -34.3                  | 51                         | -                  | -           | 74                  | -23            | -                            | -              | 194            | 280         | V        |
|        | * 1.5           | 48.44                | ADR  | 28.1          | -34.3                  | 42.24                      | 54                 | -11.76      | -                   | -              | -                            | -              | 194            | 280         | V        |
| 7      | * 15.595        | 42.3                 | PK-U | 40.9          | -21.7                  | 61.5                       | -                  | -           | 74                  | -12.5          | -                            | -              | 281            | 220         | H        |
|        | * 15.601        | 30.36                | ADR  | 40.9          | -21.7                  | 49.56                      | 54                 | -4.44       | -                   | -              | -                            | -              | 281            | 220         | H        |
| 10     | * 15.609        | 43.48                | PK-U | 40.9          | -21.7                  | 62.68                      | -                  | -           | 74                  | -11.32         | -                            | -              | 2              | 101         | V        |
|        | * 15.599        | 31.4                 | ADR  | 40.9          | -21.8                  | 50.5                       | 54                 | -3.5        | -                   | -              | -                            | -              | 2              | 101         | V        |
| 5      | 6.933           | 53.91                | PK-U | 35.8          | -27.6                  | 62.11                      | -                  | -           | -                   | -              | 68.2                         | -6.09          | 153            | 207         | H        |
| 8      | 6.933           | 52.86                | PK-U | 35.8          | -27.6                  | 61.06                      | -                  | -           | -                   | -              | 68.2                         | -7.14          | 209            | 214         | V        |
| 9      | 10.398          | 53.31                | PK-U | 37.3          | -23.1                  | 67.51                      | -                  | -           | -                   | -              | 68.2                         | -6.9           | 154            | 111         | V        |
| 6      | 10.401          | 50.88                | PK-U | 37.3          | -23.2                  | 64.98                      | -                  | -           | -                   | -              | 68.2                         | -3.22          | 193            | 154         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

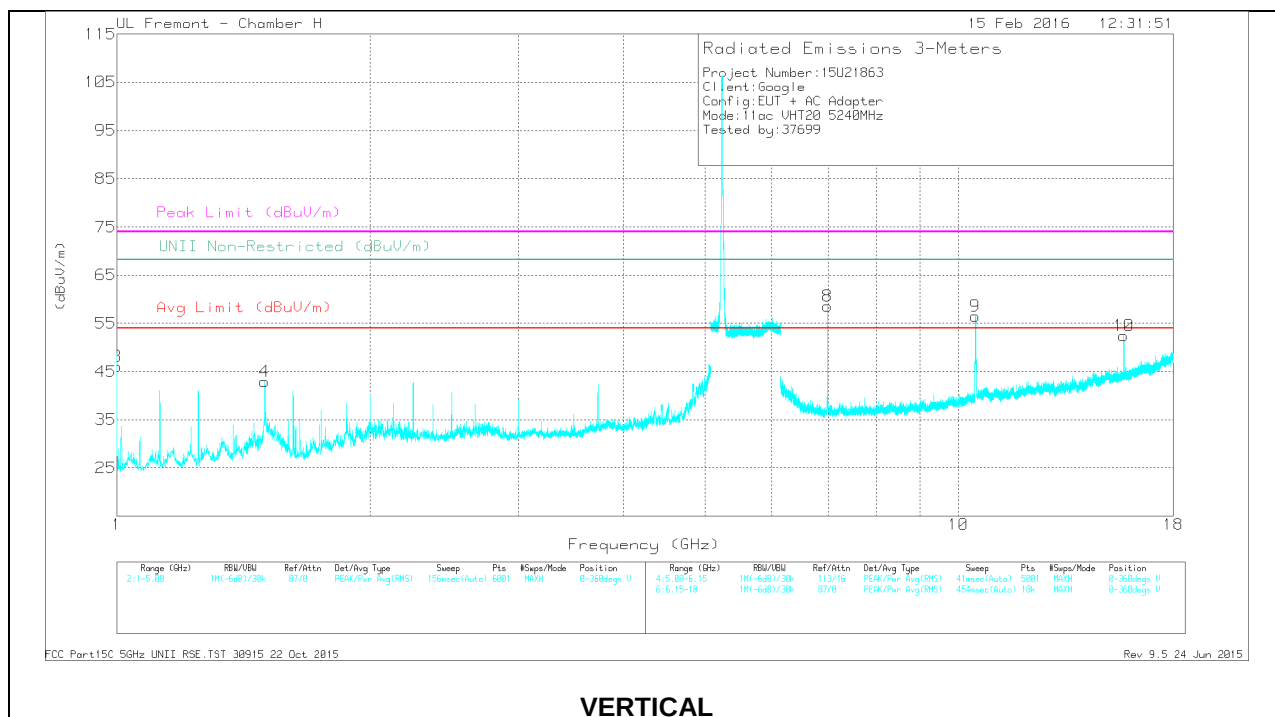
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/F ltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 63.39                | PK-U | 27            | -34.2                  | 56.19                      | -                  | -           | 74                  | -17.81         | -                            | -              | 225            | 256         | H        |
|        | * 1             | 60.86                | ADR  | 27            | -34.2                  | 53.66                      | 54                 | -34         | -                   | -              | -                            | -              | 225            | 256         | H        |
| 2      | * 1.5           | 59.28                | PK-U | 28.1          | -34.3                  | 53.08                      | -                  | -           | 74                  | -20.92         | -                            | -              | 349            | 140         | H        |
|        | * 1.5           | 51.7                 | ADR  | 28.1          | -34.3                  | 45.5                       | 54                 | -8.5        | -                   | -              | -                            | -              | 349            | 140         | H        |
| 3      | * 1             | 59.89                | PK-U | 27            | -34.2                  | 52.69                      | -                  | -           | 74                  | -21.31         | -                            | -              | 258            | 302         | V        |
|        | * 1             | 57.83                | ADR  | 27            | -34.2                  | 50.63                      | 54                 | -3.37       | -                   | -              | -                            | -              | 258            | 302         | V        |
| 4      | * 1.5           | 57.16                | PK-U | 28.1          | -34.3                  | 50.96                      | -                  | -           | 74                  | -23.04         | -                            | -              | 194            | 283         | V        |
|        | * 1.5           | 48.21                | ADR  | 28.1          | -34.3                  | 42.01                      | 54                 | -11.99      | -                   | -              | -                            | -              | 194            | 283         | V        |
| 7      | * 15.716        | 42.4                 | PK-U | 40.9          | -21.7                  | 61.6                       | -                  | -           | 74                  | -12.4          | -                            | -              | 194            | 375         | H        |
|        | * 15.72         | 28.22                | ADR  | 40.9          | -21.7                  | 47.42                      | 54                 | -6.58       | -                   | -              | -                            | -              | 194            | 375         | H        |
| 10     | * 15.717        | 41.59                | PK-U | 40.9          | -21.7                  | 60.79                      | -                  | -           | 74                  | -13.21         | -                            | -              | 289            | 103         | V        |
|        | * 15.723        | 26.21                | ADR  | 40.9          | -21.7                  | 45.41                      | 54                 | -8.59       | -                   | -              | -                            | -              | 289            | 103         | V        |
| 5      | 6.987           | 53.66                | PK-U | 35.8          | -26.8                  | 62.66                      | -                  | -           | -                   | -              | 68.2                         | -5.54          | 137            | 383         | H        |
| 8      | 6.987           | 50.97                | PK-U | 35.8          | -26.8                  | 59.97                      | -                  | -           | -                   | -              | 68.2                         | -8.23          | 20             | 214         | V        |
| 9      | 10.476          | 51.85                | PK-U | 37.4          | -23.6                  | 65.65                      | -                  | -           | -                   | -              | 68.2                         | -2.55          | 266            | 116         | V        |
| 6      | 10.481          | 52.07                | PK-U | 37.4          | -23.5                  | 65.97                      | -                  | -           | -                   | -              | 68.2                         | -2.23          | 191            | 194         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

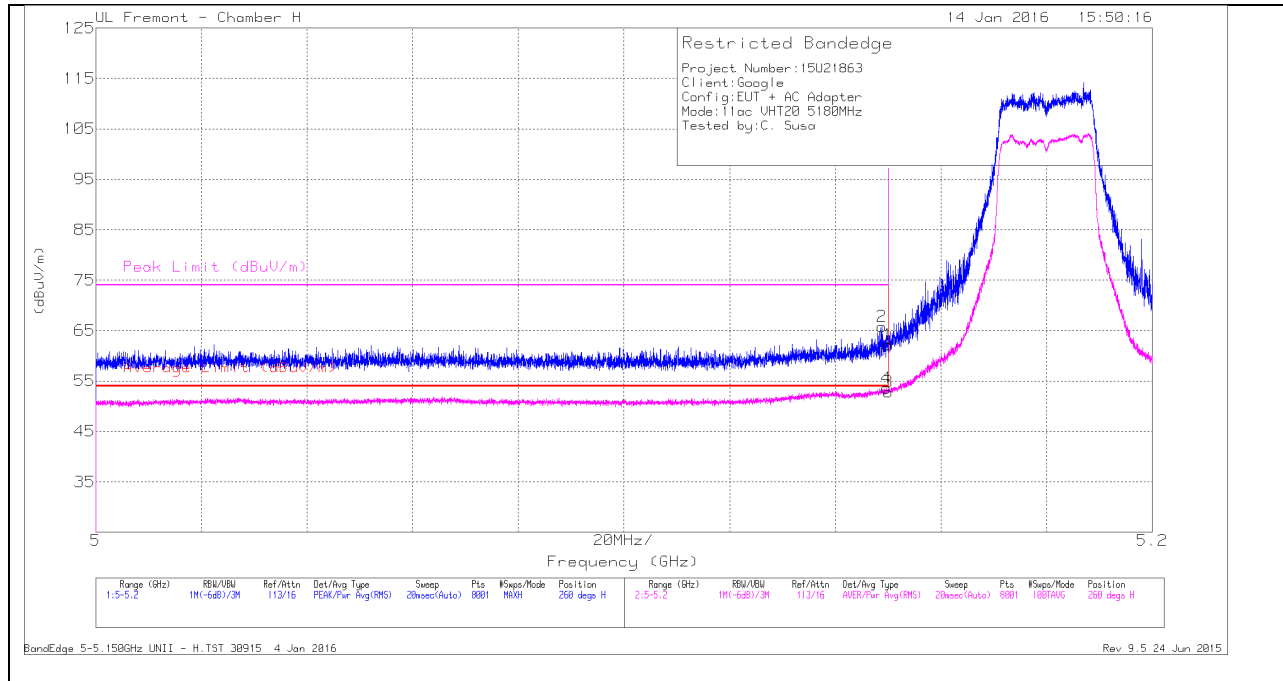
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

# 4Tx 3 STREAM BF MODE

## RESTRICTED BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULTS



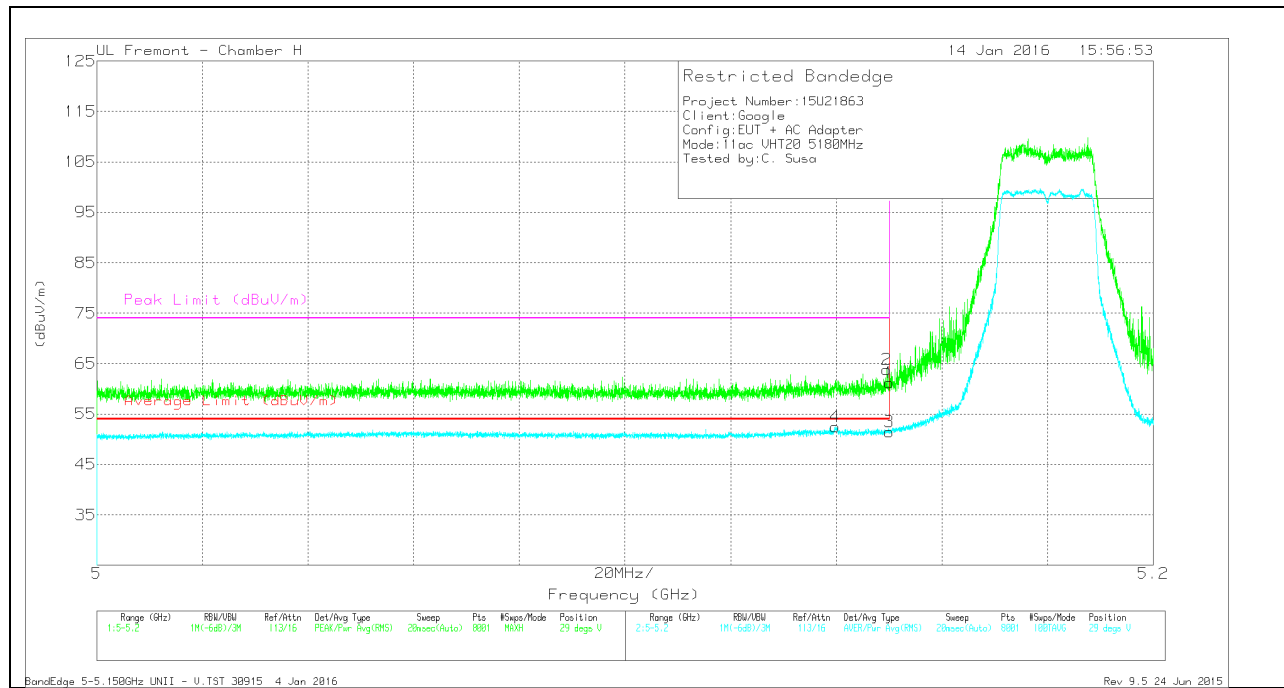
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.149         | 49.88                | Pk  | 34.4           | -18.5                  | 0            | 65.78                      | -                      | -           | 74                  | -8.22          | 260            | 244         | H        |
| 1      | * 5.15          | 46.29                | Pk  | 34.4           | -18.5                  | 0            | 62.19                      | -                      | -           | 74                  | -11.81         | 260            | 244         | H        |
| 3      | * 5.15          | 36.46                | RMS | 34.4           | -18.5                  | .49          | 52.85                      | 54                     | -1.15       | -                   | -              | 260            | 244         | H        |
| 4      | * 5.15          | 37.17                | RMS | 34.4           | -18.5                  | .49          | 53.56                      | 54                     | -.44        | -                   | -              | 260            | 244         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 5.14          | 35.96                | RMS | 34.4           | -18.4                  | .49          | 52.45                      | 54                     | -1.55       | -                   | -              | 29             | 269         | V        |
| 1      | * 5.15          | 45.3                 | Pk  | 34.4           | -18.5                  | 0            | 61.2                       | -                      | -           | 74                  | -12.8          | 29             | 269         | V        |
| 2      | * 5.15          | 47.86                | Pk  | 34.4           | -18.5                  | 0            | 63.76                      | -                      | -           | 74                  | -10.24         | 29             | 269         | V        |
| 3      | * 5.15          | 35.13                | RMS | 34.4           | -18.5                  | .49          | 51.52                      | 54                     | -2.48       | -                   | -              | 29             | 269         | V        |

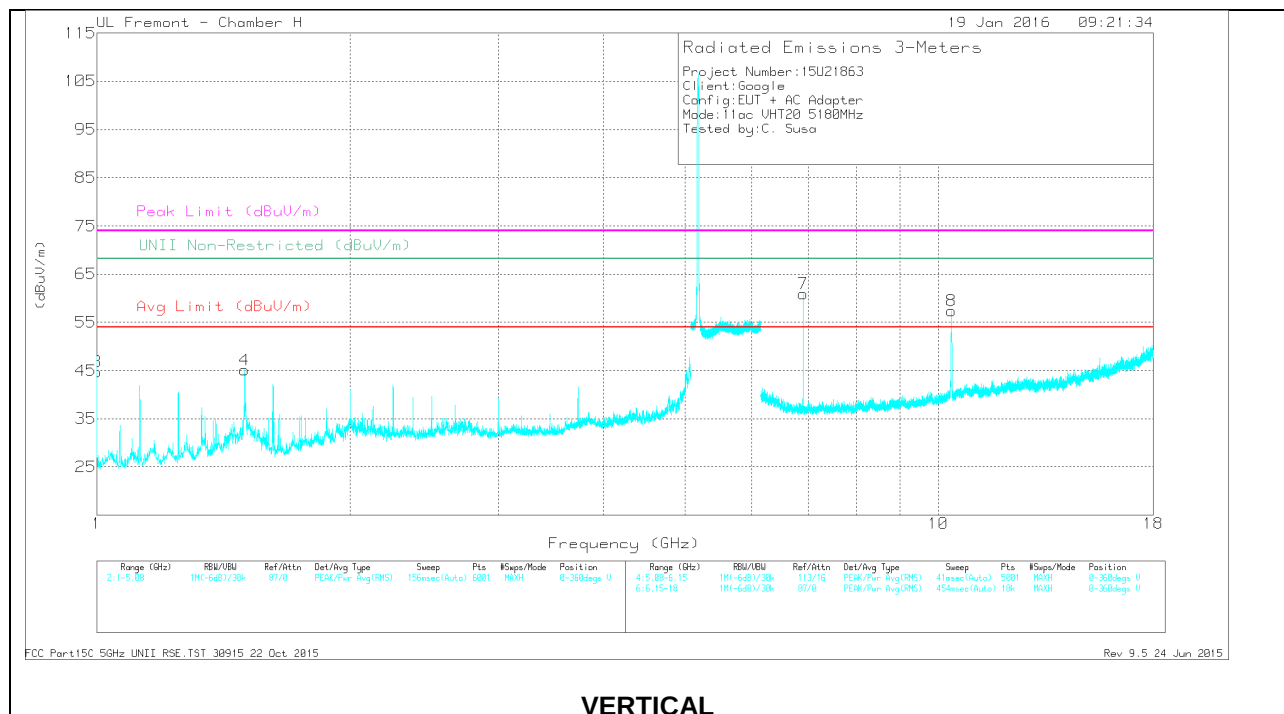
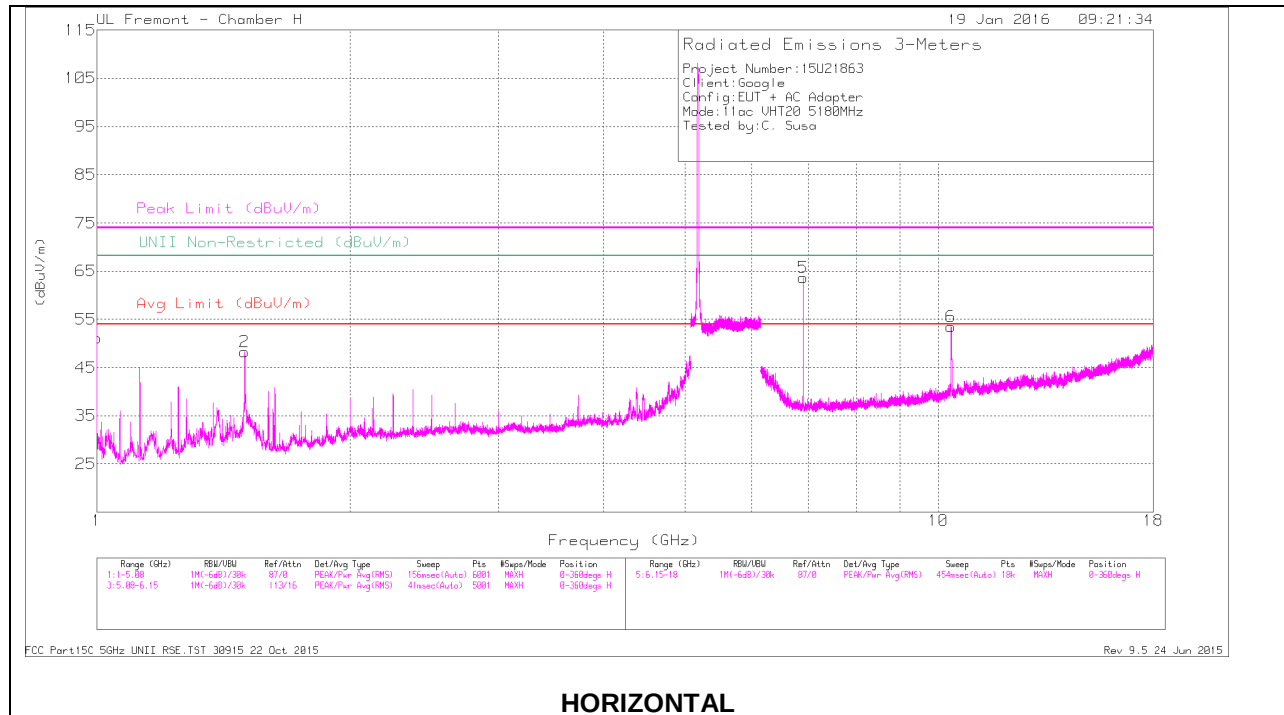
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

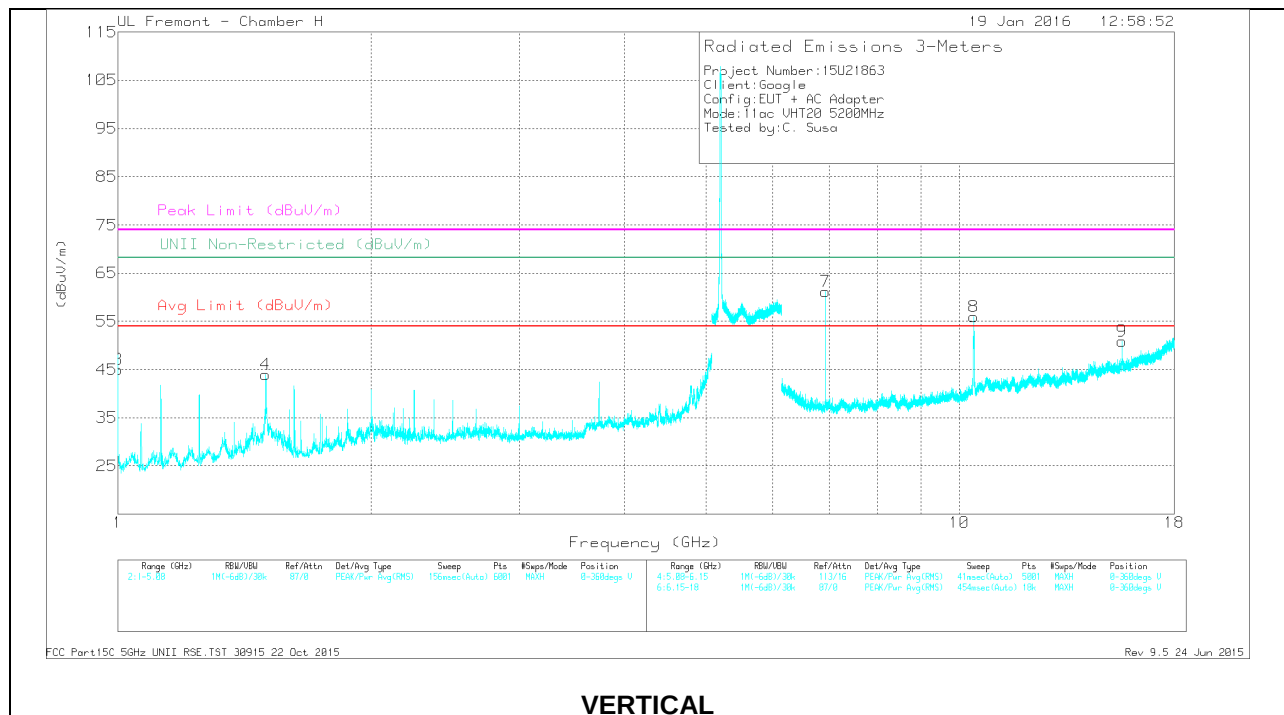
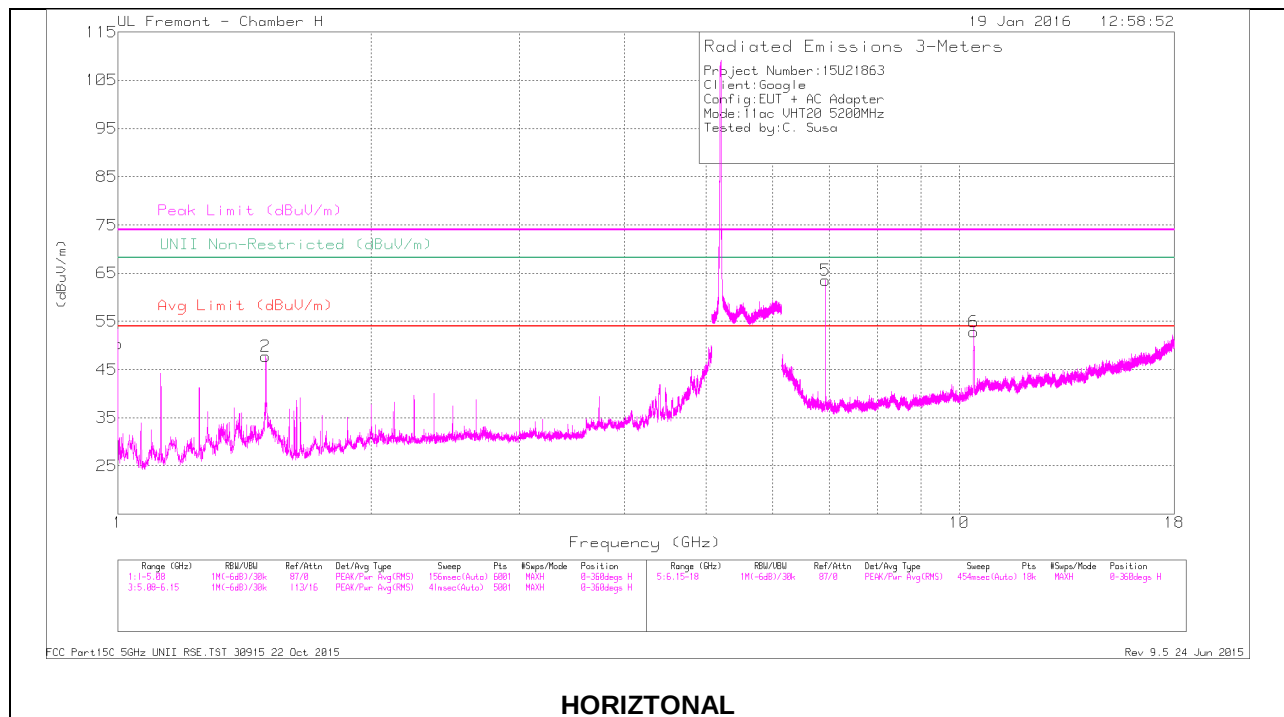
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.32                | PK-U | 27            | -34.2                   | 0            | 55.12                      | -                  | -           | 74                  | -18.88         | -                            | -              | 272            | 172         | H        |
|        | * 1             | 58.36                | ADR  | 27            | -34.2                   | .49          | 51.65                      | 54                 | -2.35       | -                   | -              | -                            | -              | 272            | 172         | H        |
| 2      | * 1.5           | 61.02                | PK-U | 28.1          | -34.3                   | 0            | 54.82                      | -                  | -           | 74                  | -19.18         | -                            | -              | 0              | 207         | H        |
|        | * 1.5           | 53.25                | ADR  | 28.1          | -34.3                   | .49          | 47.54                      | 54                 | -6.46       | -                   | -              | -                            | -              | 0              | 207         | H        |
| 3      | * 1             | 58.59                | PK-U | 27            | -34.2                   | 0            | 51.39                      | -                  | -           | 74                  | -22.61         | -                            | -              | 246            | 328         | V        |
|        | * 1             | 55.68                | ADR  | 27            | -34.2                   | .49          | 48.97                      | 54                 | -5.03       | -                   | -              | -                            | -              | 246            | 328         | V        |
| 4      | * 1.5           | 60.09                | PK-U | 28.1          | -34.3                   | 0            | 53.89                      | -                  | -           | 74                  | -20.11         | -                            | -              | 200            | 286         | V        |
|        | * 1.5           | 51.2                 | ADR  | 28.1          | -34.3                   | .49          | 45.49                      | 54                 | -8.51       | -                   | -              | -                            | -              | 200            | 286         | V        |
| 5      | 6.907           | 55.74                | PK-U | 35.8          | -27.6                   | 0            | 63.94                      | -                  | -           | -                   | -              | 68.2                         | -4.26          | 336            | 103         | H        |
| 7      | 6.907           | 53.58                | PK-U | 35.8          | -27.6                   | 0            | 61.78                      | -                  | -           | -                   | -              | 68.2                         | -6.42          | 13             | 184         | V        |
| 6      | 10.354          | 48.74                | PK-U | 37.2          | -23.2                   | 0            | 62.74                      | -                  | -           | -                   | -              | 68.2                         | -5.46          | 181            | 215         | H        |
| 8      | 10.362          | 48.3                 | PK-U | 37.2          | -23.4                   | 0            | 62.1                       | -                  | -           | -                   | -              | 68.2                         | -6.1           | 129            | 128         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## MID CHANNEL DATA

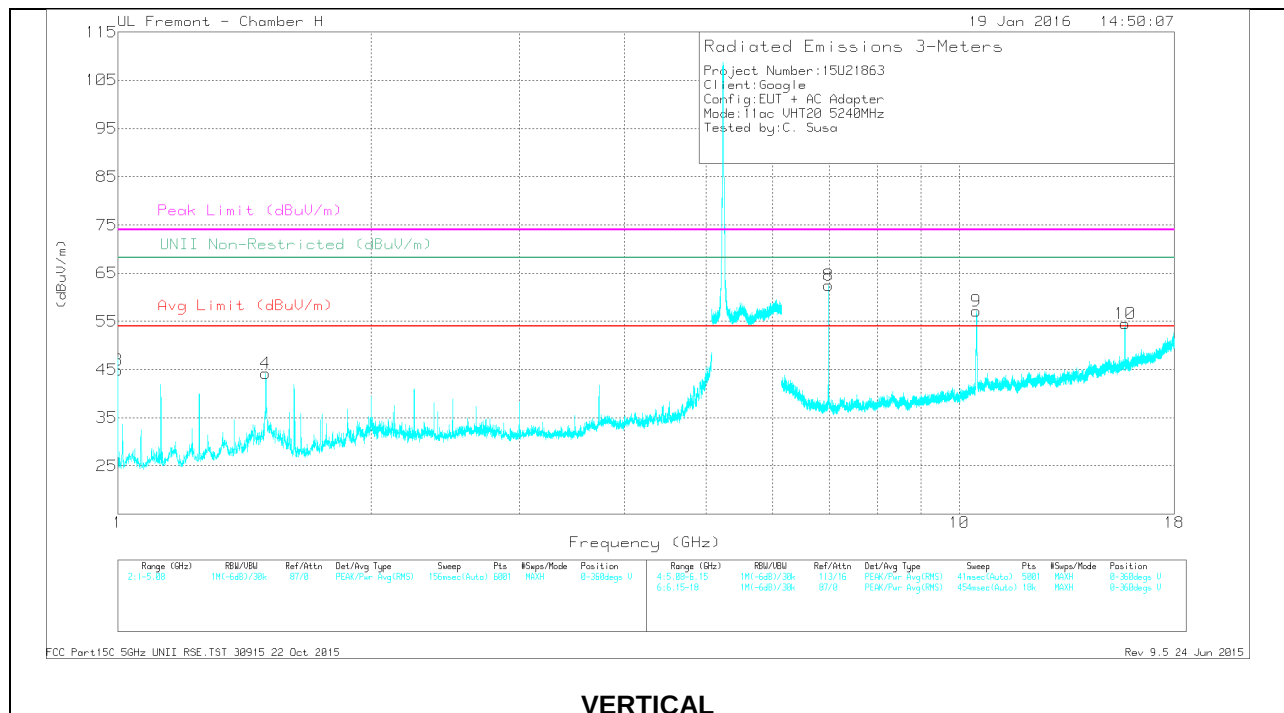
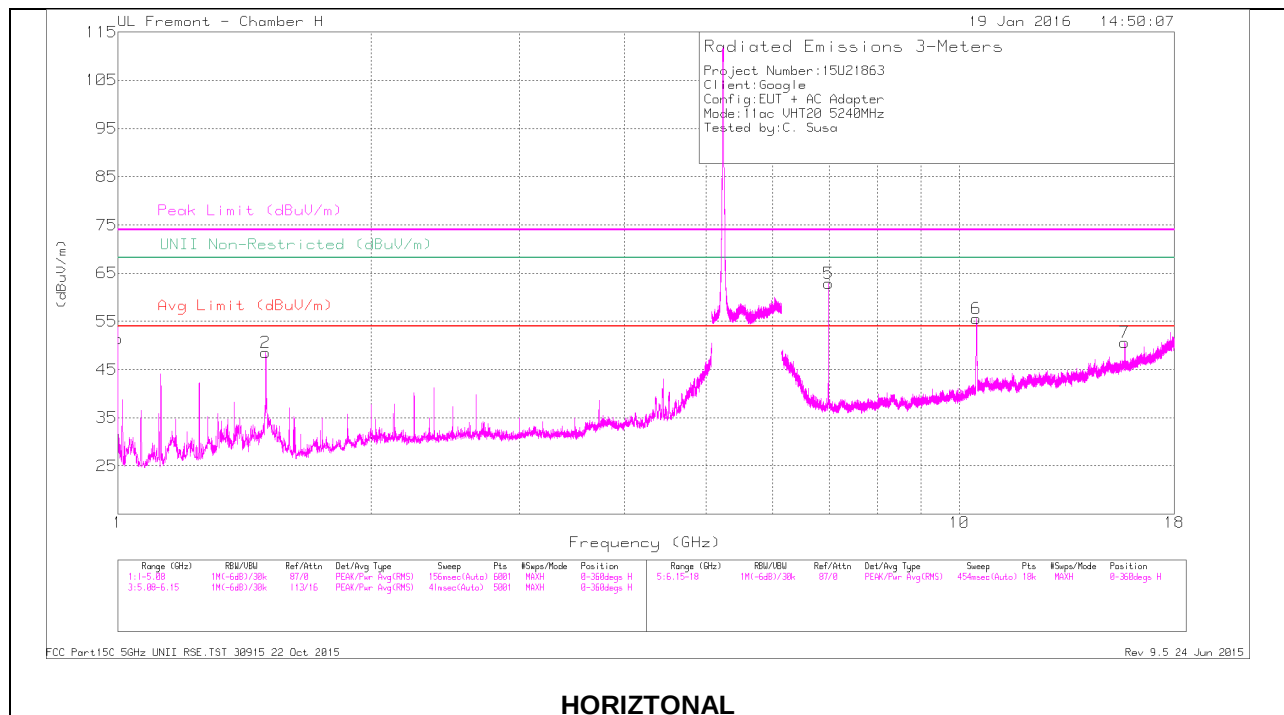
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/F Itr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 63.2                 | PK-U | 27            | -34.2                  | 0            | 56                         | -                  | -           | 74                  | -18            | -                            | -              | 196            | 132         | H        |
|        | * 1             | 60.17                | ADR  | 27            | -34.2                  | .49          | 53.46                      | 54                 | -54         | -                   | -              | -                            | -              | 196            | 132         | H        |
| 2      | * 1.5           | 60.51                | PK-U | 28.1          | -34.3                  | 0            | 54.31                      | -                  | -           | 74                  | -19.69         | -                            | -              | 3              | 312         | H        |
|        | * 1.5           | 53.41                | ADR  | 28.1          | -34.3                  | .49          | 47.7                       | 54                 | -6.3        | -                   | -              | -                            | -              | 3              | 312         | H        |
| 3      | * 1             | 60.41                | PK-U | 27            | -34.2                  | 0            | 53.21                      | -                  | -           | 74                  | -20.79         | -                            | -              | 253            | 312         | V        |
|        | * 1             | 57.35                | ADR  | 27            | -34.2                  | .49          | 50.64                      | 54                 | -3.36       | -                   | -              | -                            | -              | 253            | 312         | V        |
| 4      | * 1.5           | 59.2                 | PK-U | 28.1          | -34.3                  | 0            | 53                         | -                  | -           | 74                  | -21            | -                            | -              | 210            | 345         | V        |
|        | * 1.5           | 50.43                | ADR  | 28.1          | -34.3                  | .49          | 44.72                      | 54                 | -9.28       | -                   | -              | -                            | -              | 210            | 345         | V        |
| 9      | * 15.603        | 40.06                | PK-U | 40.9          | -21.7                  | 0            | 59.26                      | -                  | -           | 74                  | -14.74         | -                            | -              | 356            | 215         | V        |
|        | * 15.602        | 26.91                | ADR  | 40.9          | -21.7                  | .49          | 46.6                       | 54                 | -7.4        | -                   | -              | -                            | -              | 356            | 215         | V        |
| 5      | 6.933           | 56.17                | PK-U | 35.8          | -27.6                  | 0            | 64.37                      | -                  | -           | -                   | -              | 68.2                         | -3.83          | 158            | 198         | H        |
| 7      | 6.933           | 54.84                | PK-U | 35.8          | -27.6                  | 0            | 63.04                      | -                  | -           | -                   | -              | 68.2                         | -5.16          | 22             | 181         | V        |
| 6      | 10.394          | 47.11                | PK-U | 37.3          | -23.1                  | 0            | 61.31                      | -                  | -           | -                   | -              | 68.2                         | -6.89          | 0              | 242         | H        |
| 8      | 10.408          | 53.32                | PK-U | 37.3          | -23.3                  | 0            | 67.32                      | -                  | -           | -                   | -              | 68.2                         | -.88           | 134            | 108         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Amp/Cbl/F Itr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 63.27                | PK-U | 27            | -34.2                  | 0            | 56.07                      | -                  | -           | 74                  | -17.93         | -                           | -              | 200            | 128         | H        |
|        | * 1             | 59.79                | ADR  | 27            | -34.2                  | .49          | 53.08                      | 54                 | -92         | -                   | -              | -                           | -              | 200            | 128         | H        |
| 2      | * 1.5           | 60.36                | PK-U | 28.1          | -34.3                  | 0            | 54.16                      | -                  | -           | 74                  | -19.84         | -                           | -              | 4              | 316         | H        |
|        | * 1.5           | 53.25                | ADR  | 28.1          | -34.3                  | .49          | 47.54                      | 54                 | -6.46       | -                   | -              | -                           | -              | 4              | 316         | H        |
| 3      | * 1             | 60.5                 | PK-U | 27            | -34.2                  | 0            | 53.3                       | -                  | -           | 74                  | -20.7          | -                           | -              | 249            | 334         | V        |
|        | * 1             | 57.4                 | ADR  | 27            | -34.2                  | .49          | 50.69                      | 54                 | -3.31       | -                   | -              | -                           | -              | 249            | 334         | V        |
| 4      | * 1.5           | 59.03                | PK-U | 28.1          | -34.3                  | 0            | 52.83                      | -                  | -           | 74                  | -21.17         | -                           | -              | 206            | 356         | V        |
|        | * 1.5           | 50.3                 | ADR  | 28.1          | -34.3                  | .49          | 44.59                      | 54                 | -9.41       | -                   | -              | -                           | -              | 206            | 356         | V        |
| 7      | * 15.721        | 41.23                | PK-U | 40.9          | -21.7                  | 0            | 60.43                      | -                  | -           | 74                  | -13.57         | -                           | -              | 252            | 249         | H        |
|        | * 15.721        | 27.04                | ADR  | 40.9          | -21.7                  | .49          | 46.73                      | 54                 | -7.27       | -                   | -              | -                           | -              | 252            | 249         | H        |
| 10     | * 15.724        | 45.79                | PK-U | 40.9          | -21.7                  | 0            | 64.99                      | -                  | -           | 74                  | -9.01          | -                           | -              | 352            | 214         | V        |
|        | * 15.722        | 32.81                | ADR  | 40.9          | -21.7                  | .49          | 52.5                       | 54                 | -1.5        | -                   | -              | -                           | -              | 352            | 214         | V        |
| 5      | 6.987           | 56.09                | PK-U | 35.8          | -26.8                  | 0            | 65.09                      | -                  | -           | -                   | -              | 68.2                        | -3.11          | 313            | 400         | H        |
| 8      | 6.987           | 54.02                | PK-U | 35.8          | -26.8                  | 0            | 63.02                      | -                  | -           | -                   | -              | 68.2                        | -5.18          | 19             | 223         | V        |
| 6      | 10.479          | 47.26                | PK-U | 37.4          | -23.6                  | 0            | 61.06                      | -                  | -           | -                   | -              | 68.2                        | -7.14          | 338            | 259         | H        |
| 9      | 10.482          | 50.8                 | PK-U | 37.4          | -23.5                  | 0            | 64.7                       | -                  | -           | -                   | -              | 68.2                        | -3.5           | 218            | 302         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

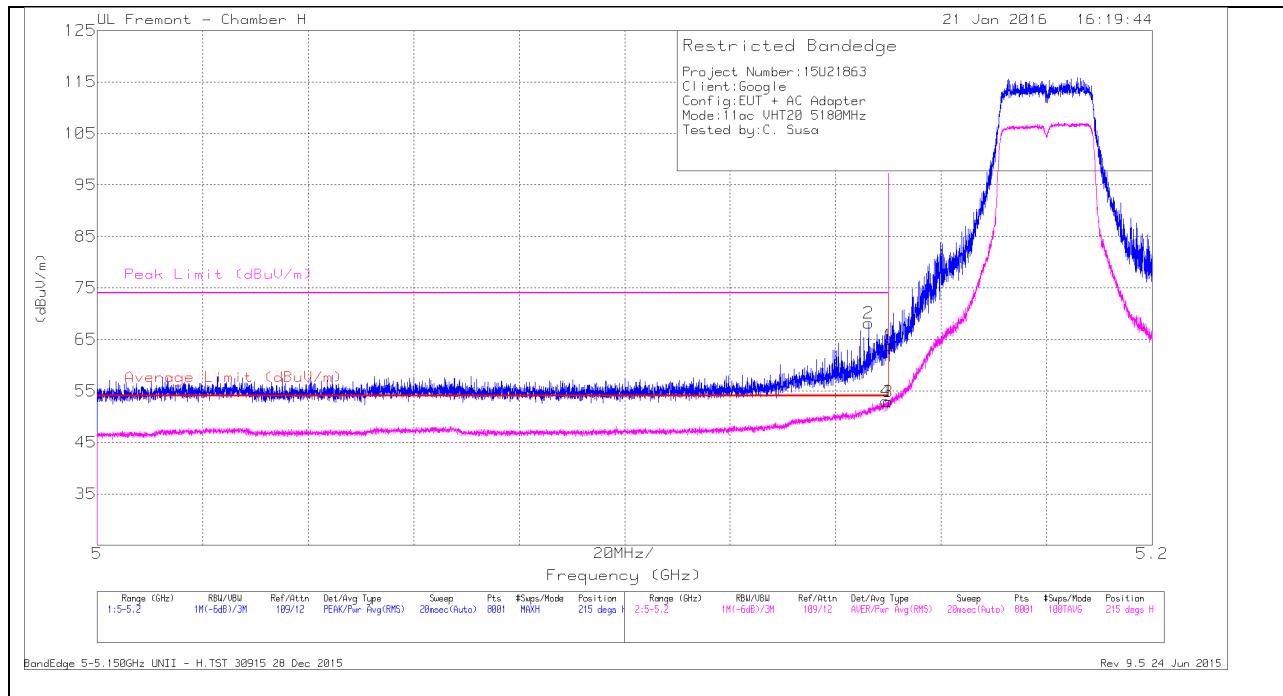
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

# 4Tx 1 BF STREAM MODE

## RESTRICTED BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULTS



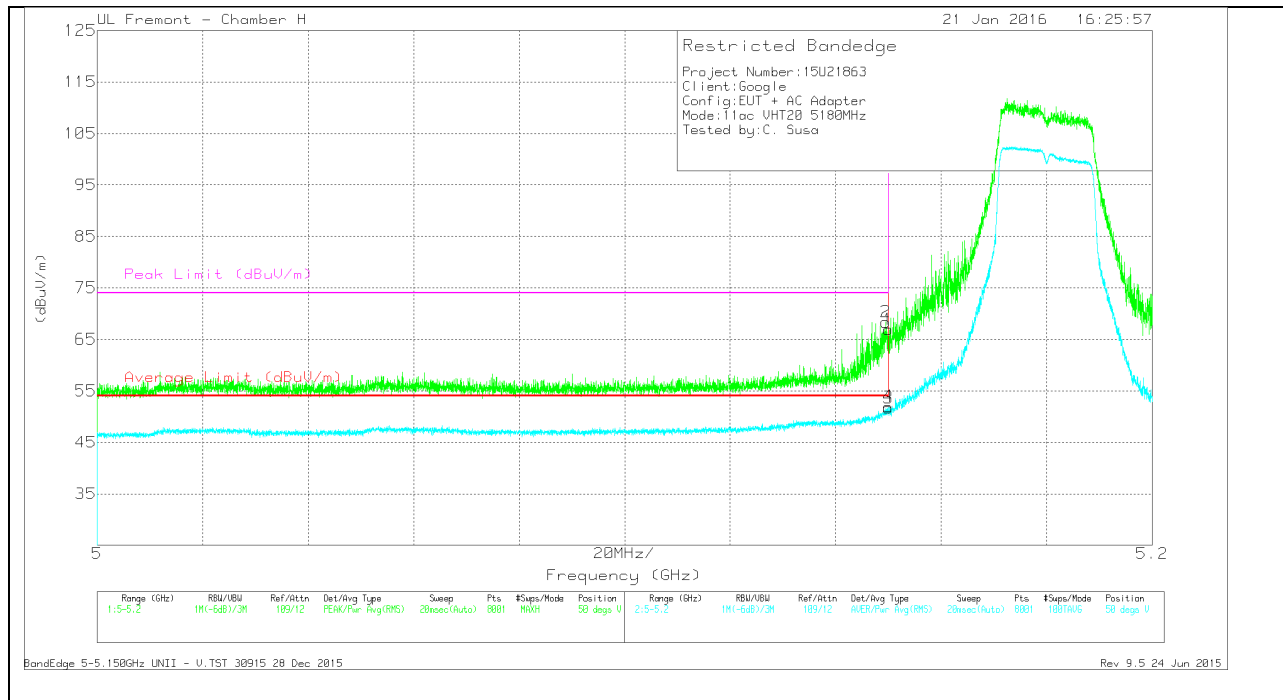
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.146         | 52.17                | Pk  | 34.4           | -18.4                  | 0            | 68.17                      | -                      | -           | 74                  | -5.83          | 215            | 255         | H        |
| 1      | * 5.15          | 47.93                | Pk  | 34.4           | -18.5                  | 0            | 63.83                      | -                      | -           | 74                  | -10.17         | 215            | 255         | H        |
| 3      | * 5.15          | 36.29                | RMS | 34.4           | -18.5                  | .68          | 52.87                      | 54                     | -1.13       | -                   | -              | 215            | 255         | H        |
| 4      | * 5.15          | 36.39                | RMS | 34.4           | -18.5                  | .68          | 52.97                      | 54                     | -1.03       | -                   | -              | 215            | 255         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 51.03                | Pk  | 34.4          | -18.5                  | 0            | 66.93                      | -                      | -           | 74                  | -7.07          | 50             | 223         | V        |
| 2      | * 5.15          | 52.47                | Pk  | 34.4          | -18.5                  | 0            | 68.37                      | -                      | -           | 74                  | -5.63          | 50             | 223         | V        |
| 3      | * 5.15          | 35.11                | RMS | 34.4          | -18.5                  | .68          | 51.69                      | 54                     | -2.31       | -                   | -              | 50             | 223         | V        |
| 4      | * 5.15          | 35.36                | RMS | 34.4          | -18.5                  | .68          | 51.94                      | 54                     | -2.06       | -                   | -              | 50             | 223         | V        |

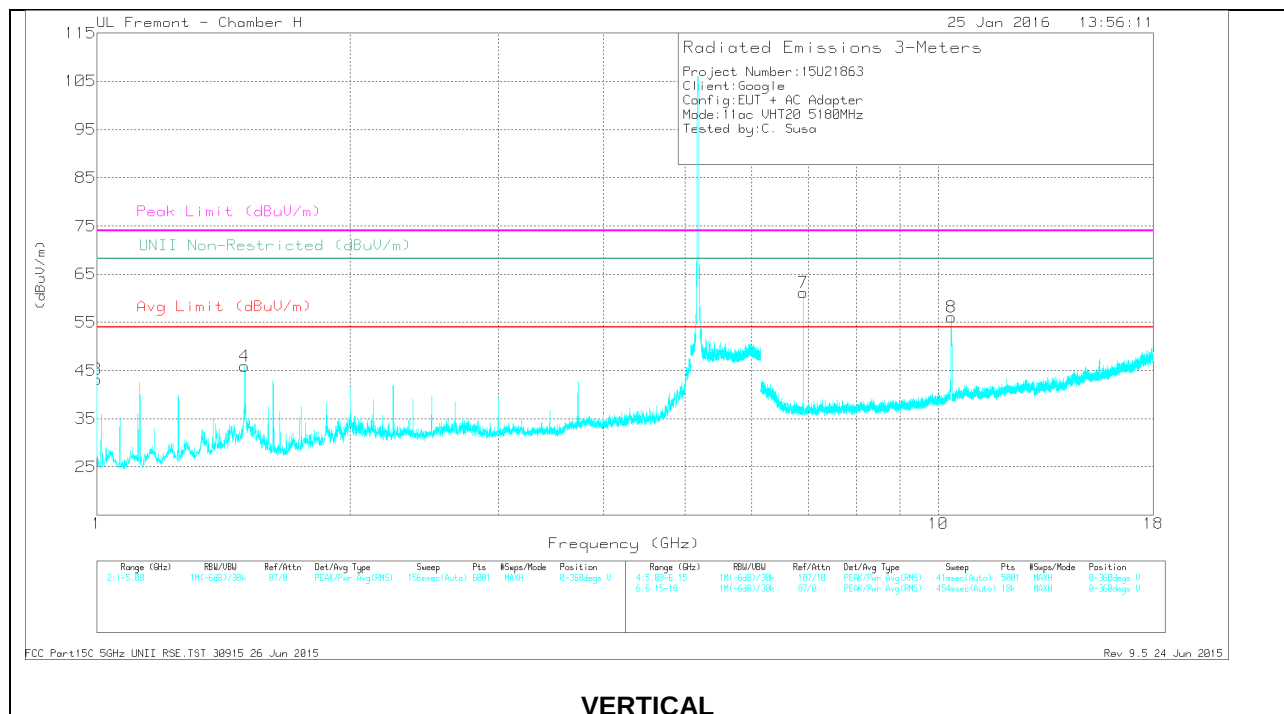
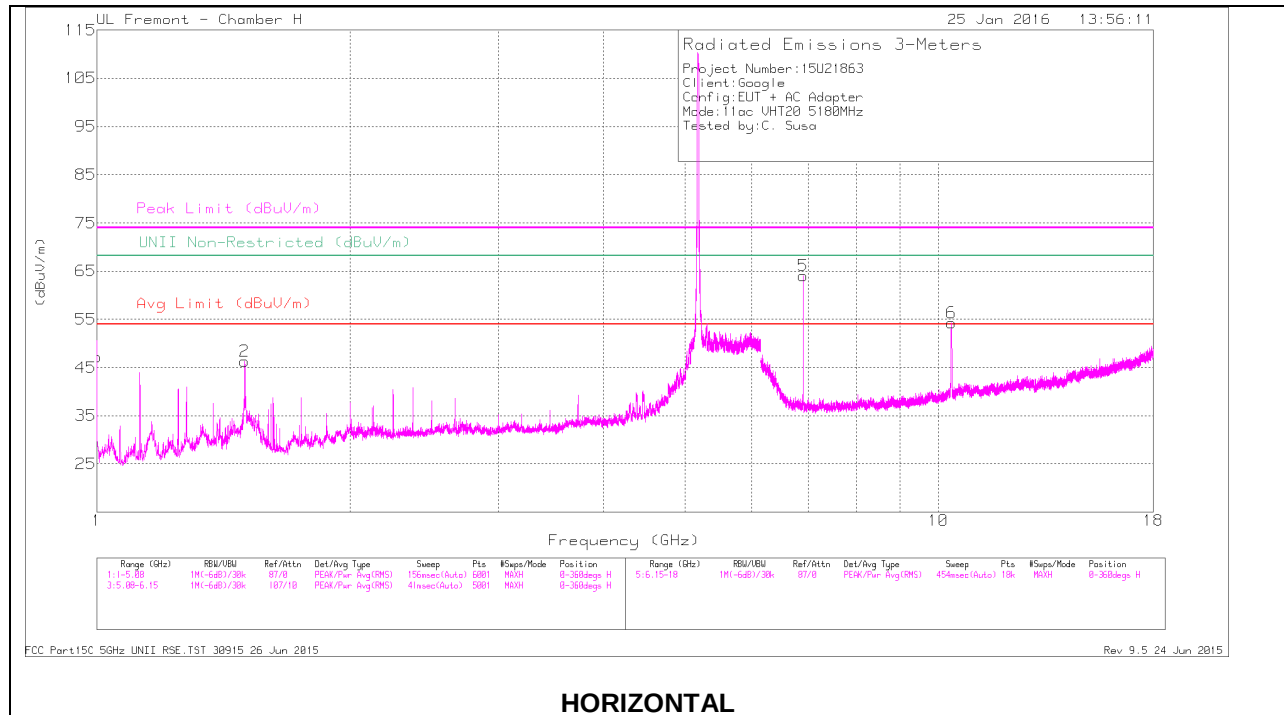
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

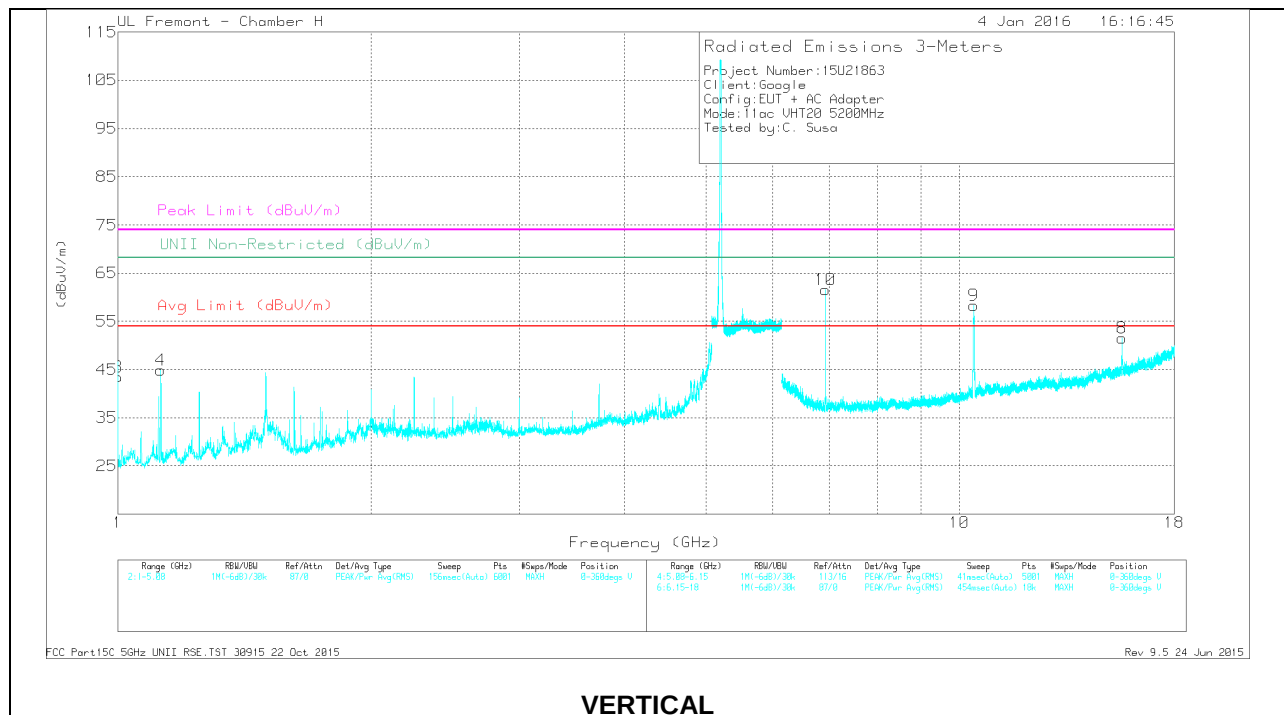
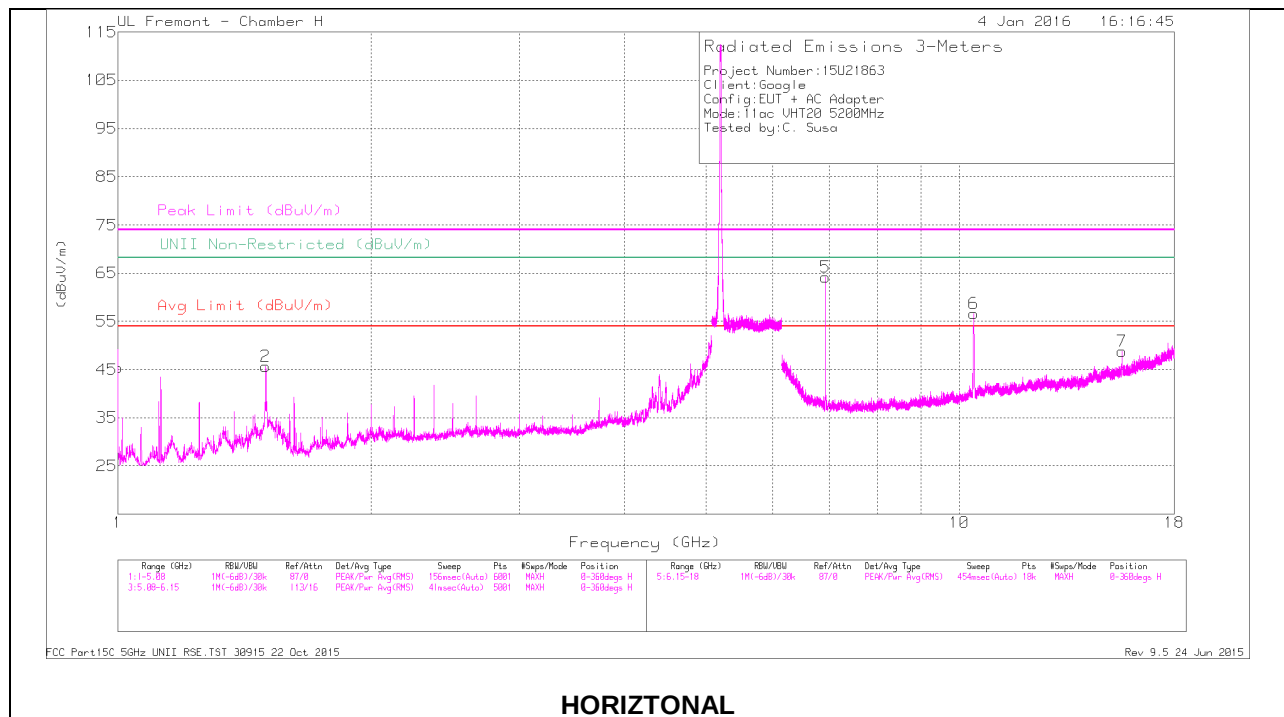
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 59.76                | PK-U | 27            | -34.2                   | 0            | 52.56                      | -                  | -           | 74                  | -21.44         | -                            | -              | 222            | 180         | H        |
|        | * 1             | 56.22                | ADR  | 27            | -34.2                   | .68          | 49.7                       | 54                 | -4.3        | -                   | -              | -                            | -              | 222            | 180         | H        |
| 2      | * 1.5           | 59.5                 | PK-U | 28.1          | -34.3                   | 0            | 53.3                       | -                  | -           | 74                  | -20.7          | -                            | -              | 330            | 137         | H        |
|        | * 1.5           | 51.11                | ADR  | 28.1          | -34.3                   | .68          | 45.59                      | 54                 | -8.41       | -                   | -              | -                            | -              | 330            | 137         | H        |
| 3      | * 1             | 57.63                | PK-U | 27            | -34.2                   | 0            | 50.43                      | -                  | -           | 74                  | -23.57         | -                            | -              | 262            | 257         | V        |
|        | * 1             | 53.69                | ADR  | 27            | -34.2                   | .68          | 47.17                      | 54                 | -6.83       | -                   | -              | -                            | -              | 262            | 257         | V        |
| 4      | * 1.5           | 58.25                | PK-U | 28.1          | -34.3                   | 0            | 52.05                      | -                  | -           | 74                  | -21.95         | -                            | -              | 88             | 338         | V        |
|        | * 1.5           | 51.22                | ADR  | 28.1          | -34.3                   | .68          | 45.7                       | 54                 | -8.3        | -                   | -              | -                            | -              | 88             | 338         | V        |
| 5      | 6.907           | 56.56                | PK-U | 35.8          | -27.6                   | 0            | 64.76                      | -                  | -           | -                   | -              | 68.2                         | -3.44          | 344            | 103         | H        |
| 7      | 6.907           | 52.77                | PK-U | 35.8          | -27.6                   | 0            | 60.97                      | -                  | -           | -                   | -              | 68.2                         | -7.23          | 14             | 166         | V        |
| 6      | 10.359          | 49.31                | PK-U | 37.2          | -23.3                   | 0            | 63.21                      | -                  | -           | -                   | -              | 68.2                         | -4.99          | 157            | 107         | V        |
| 8      | 10.362          | 49.65                | PK-U | 37.2          | -23.4                   | 0            | 63.45                      | -                  | -           | -                   | -              | 68.2                         | -4.75          | 208            | 140         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## MID CHANNEL DATA

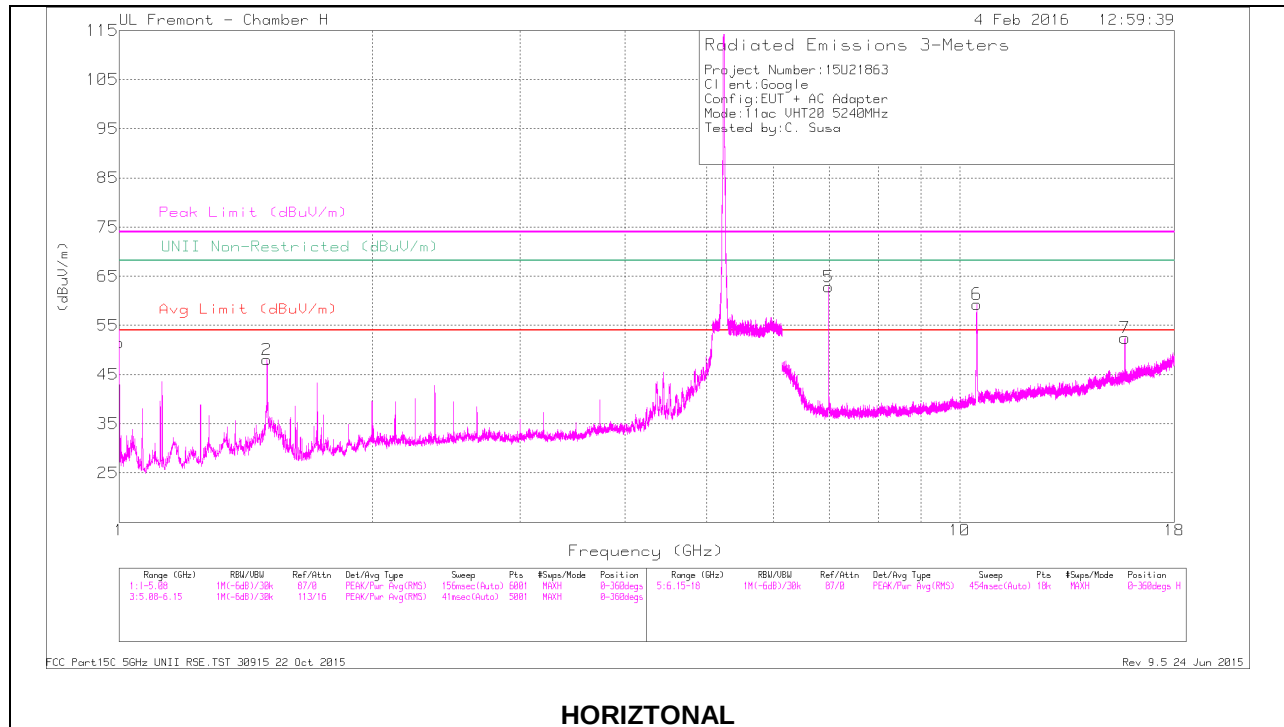
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 57.77                | PK-U | 27             | -34.2                  | 0            | 50.57                      | -                  | -           | 74                  | -23.43         | -                            | -              | 324            | 349         | H        |
|        | * 1             | 54.23                | ADR  | 27             | -34.2                  | .58          | 47.61                      | 54                 | -6.39       | -                   | -              | -                            | -              | 324            | 349         | H        |
| 2      | * 1.5           | 58.32                | PK-U | 28.1           | -34.3                  | 0            | 52.12                      | -                  | -           | 74                  | -21.88         | -                            | -              | 139            | 161         | H        |
|        | * 1.5           | 50.69                | ADR  | 28.1           | -34.3                  | .58          | 45.07                      | 54                 | -8.93       | -                   | -              | -                            | -              | 139            | 161         | H        |
| 3      | * 1             | 57.86                | PK-U | 27             | -34.2                  | 0            | 50.66                      | -                  | -           | 74                  | -23.34         | -                            | -              | 22             | 331         | V        |
|        | * 1             | 54.76                | ADR  | 27             | -34.2                  | .58          | 48.14                      | 54                 | -5.86       | -                   | -              | -                            | -              | 22             | 331         | V        |
| 4      | * 1.125         | 55.29                | PK-U | 27.4           | -34.4                  | 0            | 48.29                      | -                  | -           | 74                  | -25.71         | -                            | -              | 339            | 338         | V        |
|        | * 1.125         | 53.23                | ADR  | 27.4           | -34.4                  | .58          | 46.81                      | 54                 | -7.19       | -                   | -              | -                            | -              | 339            | 338         | V        |
| 7      | * 15.608        | 41.56                | PK-U | 40.9           | -21.7                  | 0            | 60.76                      | -                  | -           | 74                  | -13.24         | -                            | -              | 162            | 368         | H        |
|        | * 15.596        | 26.37                | ADR  | 40.9           | -21.7                  | .58          | 46.15                      | 54                 | -7.85       | -                   | -              | -                            | -              | 162            | 368         | H        |
| 8      | * 15.602        | 43.09                | PK-U | 40.9           | -21.7                  | 0            | 62.29                      | -                  | -           | 74                  | -11.71         | -                            | -              | 124            | 216         | V        |
|        | * 15.602        | 26.53                | ADR  | 40.9           | -21.7                  | .58          | 46.31                      | 54                 | -7.69       | -                   | -              | -                            | -              | 124            | 216         | V        |
| 5      | 6.933           | 56.27                | PK-U | 35.8           | -27.6                  | 0            | 64.47                      | -                  | -           | -                   | -              | 68.2                         | -3.73          | 284            | 176         | H        |
| 10     | 6.933           | 53.5                 | PK-U | 35.8           | -27.6                  | 0            | 61.7                       | -                  | -           | -                   | -              | 68.2                         | -6.5           | 147            | 167         | V        |
| 6      | 10.392          | 52.62                | PK-U | 37.3           | -23.1                  | 0            | 66.82                      | -                  | -           | -                   | -              | 68.2                         | -1.38          | 336            | 159         | H        |
| 9      | 10.397          | 53.97                | PK-U | 37.3           | -23.1                  | 0            | 68.17                      | -                  | -           | -                   | -              | 68.2                         | -.03           | 286            | 100         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

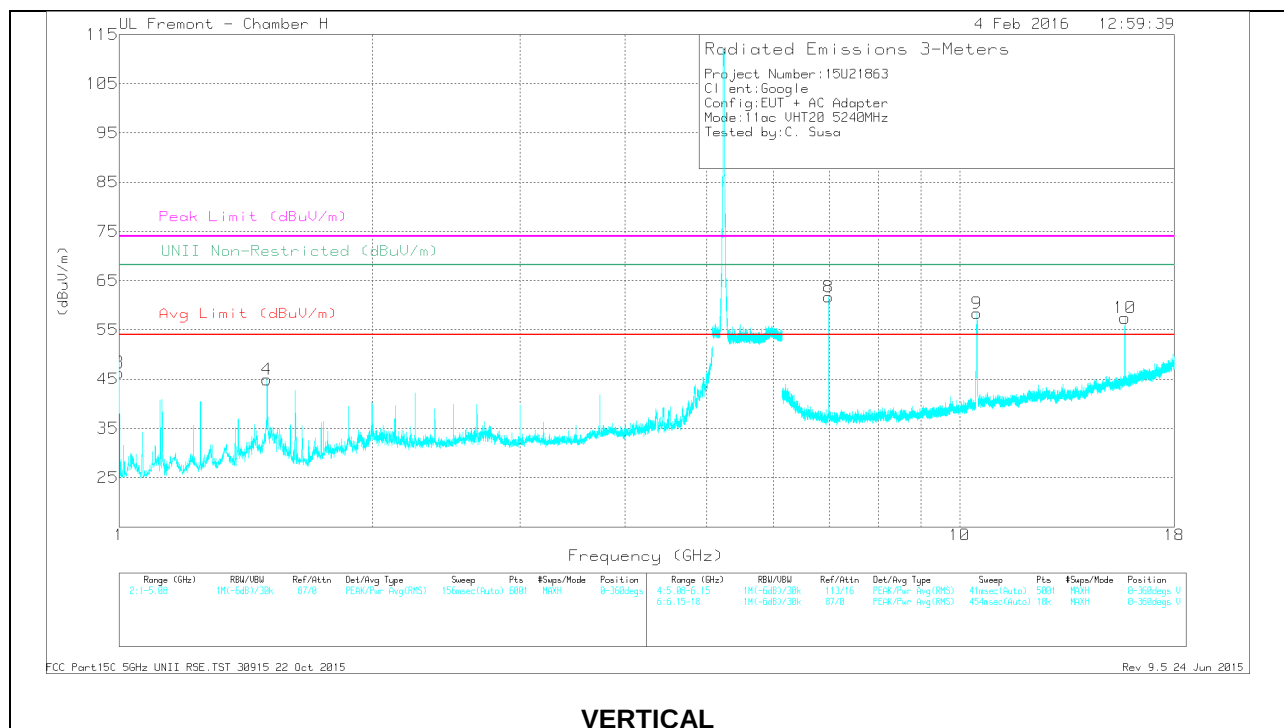
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HORIZONTAL



## VERTICAL

## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/F Itr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 63.94                | PK-U | 27             | -34.2                  | 0            | 56.74                      | -                  | -           | 74                  | -17.26         | -                           | -              | 201            | 189         | H        |
|        | * 1             | 60.42                | ADR  | 27             | -34.2                  | .68          | 53.9                       | 54                 | -1          | -                   | -              | -                           | -              | 201            | 189         | H        |
| 2      | * 1.5           | 58.88                | PK-U | 28.1           | -34.3                  | 0            | 52.68                      | -                  | -           | 74                  | -21.32         | -                           | -              | 42             | 202         | H        |
|        | * 1.5           | 51.1                 | ADR  | 28.1           | -34.3                  | .68          | 45.58                      | 54                 | -8.42       | -                   | -              | -                           | -              | 42             | 202         | H        |
| 3      | * 1             | 59.75                | PK-U | 27             | -34.2                  | 0            | 52.55                      | -                  | -           | 74                  | -21.45         | -                           | -              | 257            | 229         | V        |
|        | * 1             | 56.97                | ADR  | 27             | -34.2                  | .68          | 50.45                      | 54                 | -3.55       | -                   | -              | -                           | -              | 257            | 229         | V        |
| 4      | * 1.5           | 58.55                | PK-U | 28.1           | -34.3                  | 0            | 52.35                      | -                  | -           | 74                  | -21.65         | -                           | -              | 283            | 311         | V        |
|        | * 1.5           | 49.57                | ADR  | 28.1           | -34.3                  | .68          | 44.05                      | 54                 | -9.95       | -                   | -              | -                           | -              | 283            | 311         | V        |
| 7      | * 15.724        | 41.18                | PK-U | 40.9           | -21.7                  | 0            | 60.38                      | -                  | -           | 74                  | -13.62         | -                           | -              | 334            | 376         | H        |
|        | * 15.725        | 28.54                | ADR  | 40.9           | -21.7                  | .68          | 48.42                      | 54                 | -5.58       | -                   | -              | -                           | -              | 334            | 376         | H        |
| 10     | * 15.71         | 43.25                | PK-U | 40.9           | -21.7                  | 0            | 62.45                      | -                  | -           | 74                  | -11.55         | -                           | -              | 294            | 233         | V        |
|        | * 15.719        | 29.42                | ADR  | 40.9           | -21.7                  | .68          | 49.3                       | 54                 | -4.7        | -                   | -              | -                           | -              | 294            | 233         | V        |
| 5      | 6.987           | 55.7                 | PK-U | 35.8           | -26.8                  | 0            | 64.7                       | -                  | -           | -                   | -              | 68.2                        | -3.5           | 139            | 209         | H        |
| 8      | 6.987           | 54.32                | PK-U | 35.8           | -26.8                  | 0            | 63.32                      | -                  | -           | -                   | -              | 68.2                        | -4.88          | 252            | 256         | V        |
| 9      | 10.471          | 54.38                | PK-U | 37.4           | -23.6                  | 0            | 68.18                      | -                  | -           | -                   | -              | 68.2                        | -.02           | 139            | 105         | V        |
| 6      | 10.476          | 51.34                | PK-U | 37.4           | -23.6                  | 0            | 65.14                      | -                  | -           | -                   | -              | 68.2                        | -3.06          | 275            | 173         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

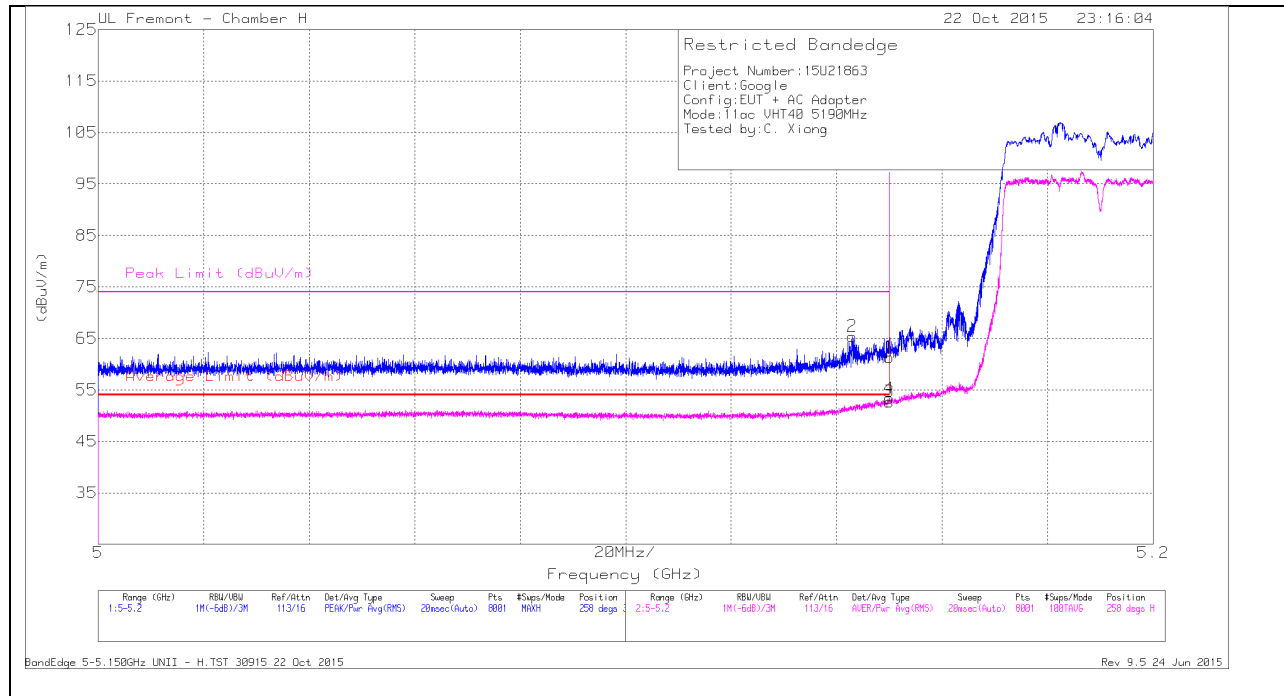
ADR - U-NII AD primary method, RMS average

### 5.1.3. 802.11ac VHT40 MODE IN THE 5.2GHz BAND

#### 4Tx 4 STREAM CDD MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULTS



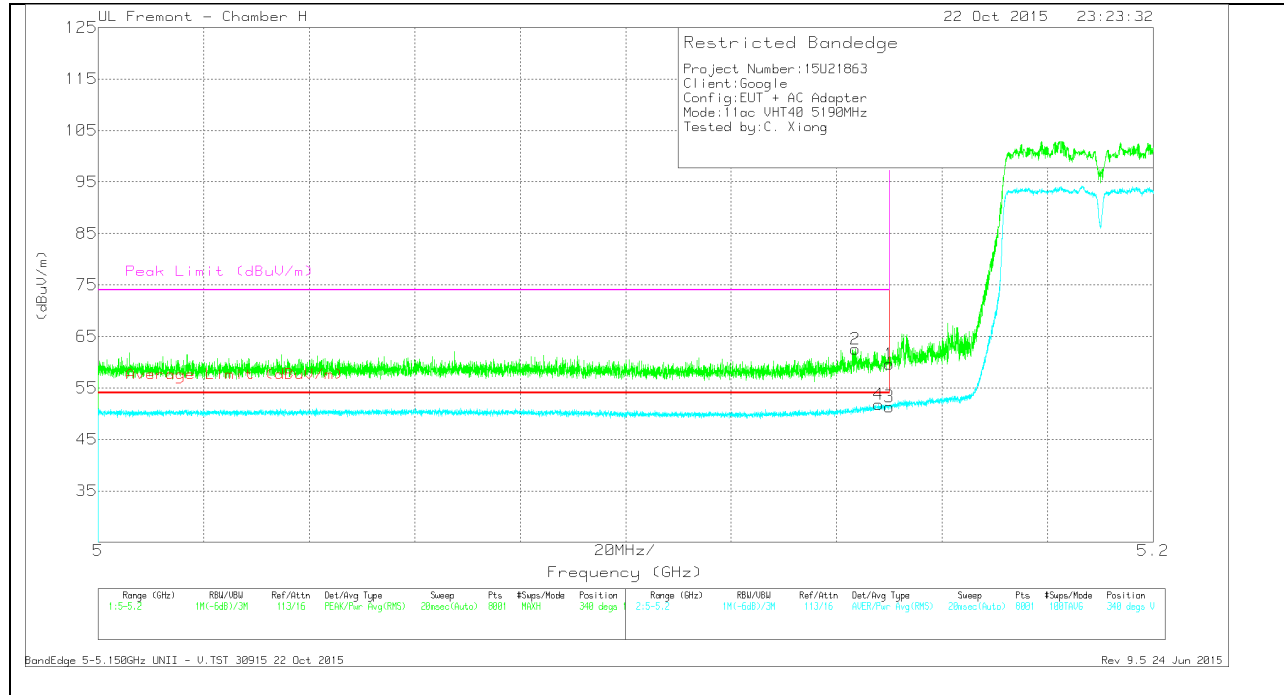
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.77                | Pk  | 34.4           | -18.8                  | 0            | 61.37                      | -                      | -           | 74                  | -12.63         | 258            | 369         | H        |
| 2      | * 5.143         | 49.79                | Pk  | 34.4           | -18.8                  | 0            | 65.39                      | -                      | -           | 74                  | -8.61          | 258            | 369         | H        |
| 3      | * 5.15          | 36.79                | RMS | 34.4           | -18.8                  | .32          | 52.71                      | 54                     | -1.29       | -                   | -              | 258            | 369         | H        |
| 4      | * 5.15          | 37.43                | RMS | 34.4           | -18.8                  | .32          | 53.35                      | 54                     | -.65        | -                   | -              | 258            | 369         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 44.01                | Pk  | 34.4           | -18.8                  | 0            | 59.61                      | -                      | -           | 74                  | -14.39         | 340            | 112         | V        |
| 2      | * 5.144         | 46.93                | Pk  | 34.4           | -18.8                  | 0            | 62.53                      | -                      | -           | 74                  | -11.47         | 340            | 112         | V        |
| 3      | * 5.15          | 35.41                | RMS | 34.4           | -18.8                  | .32          | 51.33                      | 54                     | -2.67       | -                   | -              | 340            | 112         | V        |
| 4      | * 5.148         | 35.87                | RMS | 34.4           | -18.8                  | .32          | 51.79                      | 54                     | -2.21       | -                   | -              | 340            | 112         | V        |

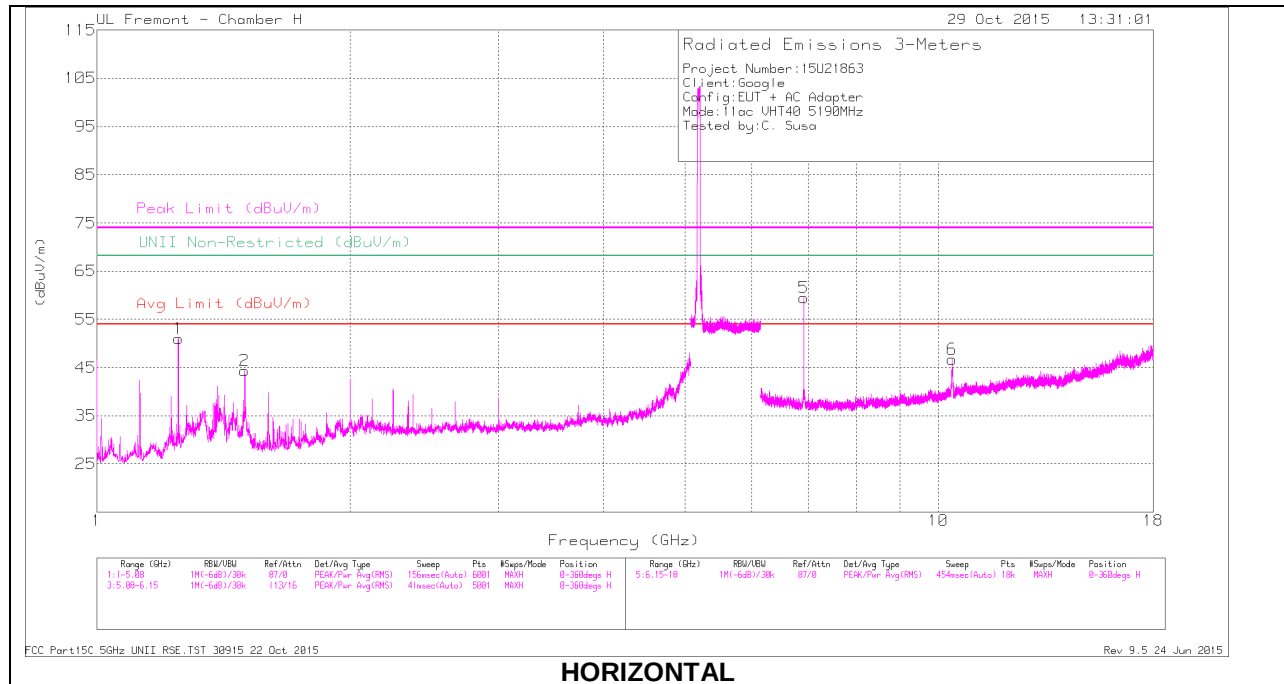
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

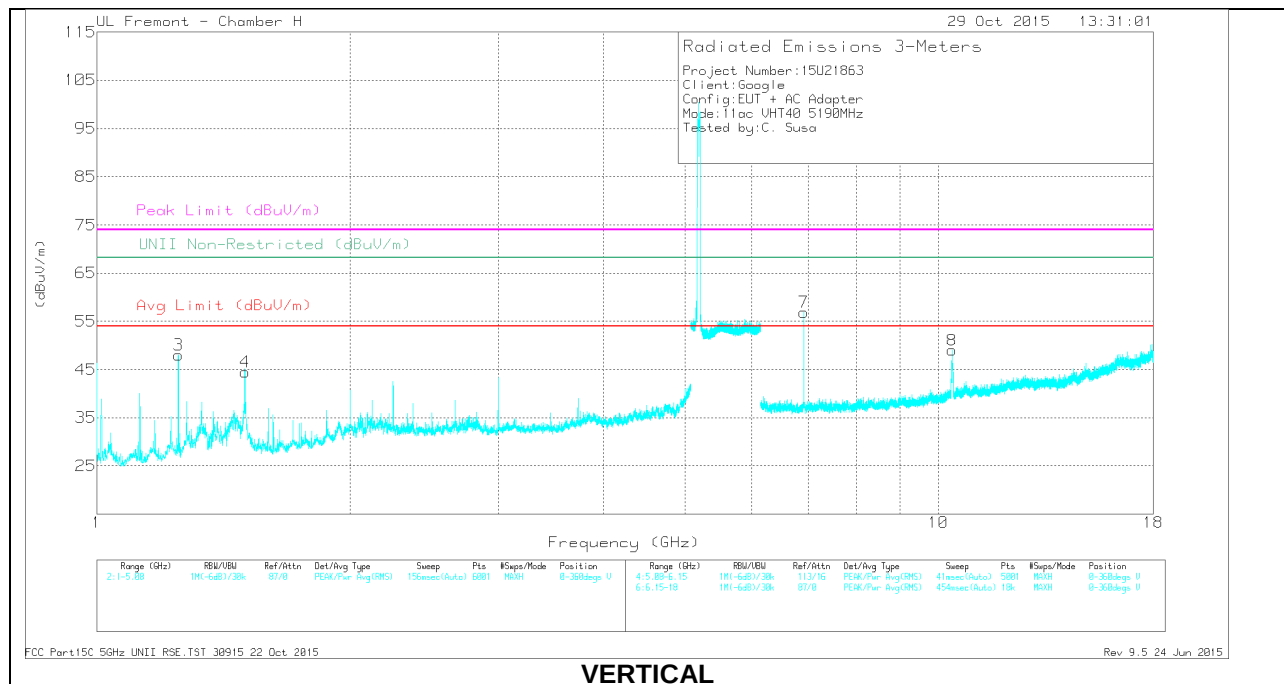
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

## LOW CHANNEL DATA

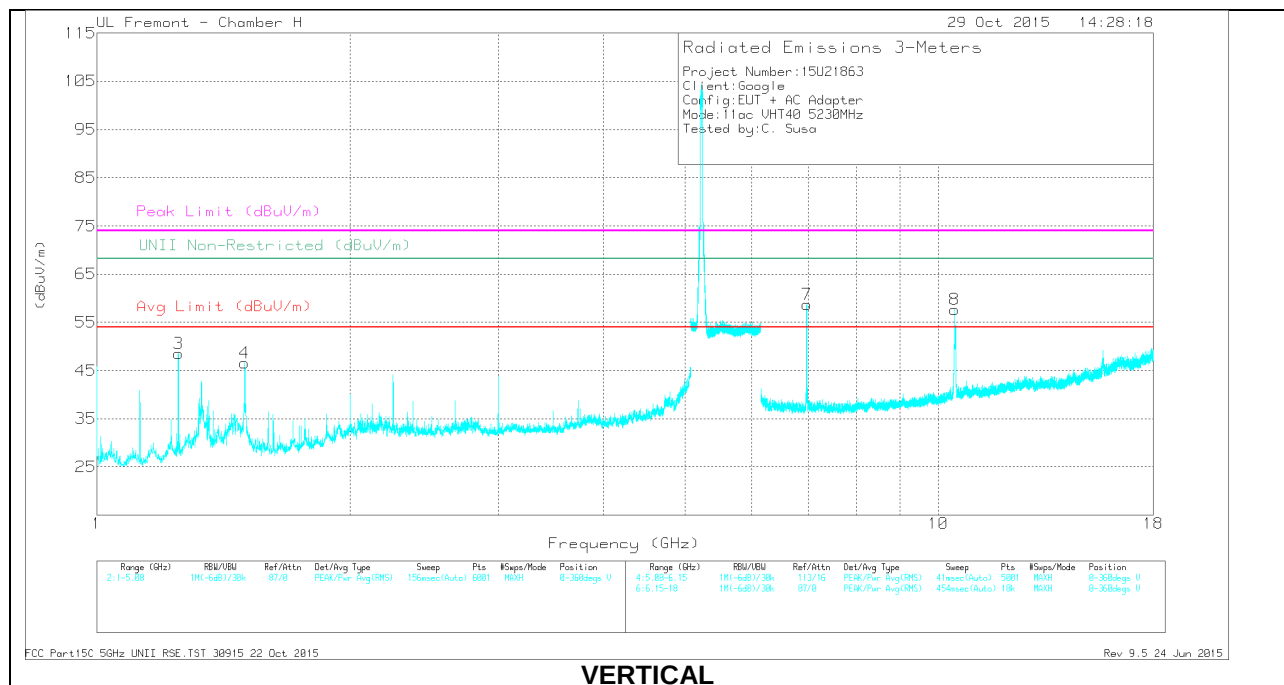
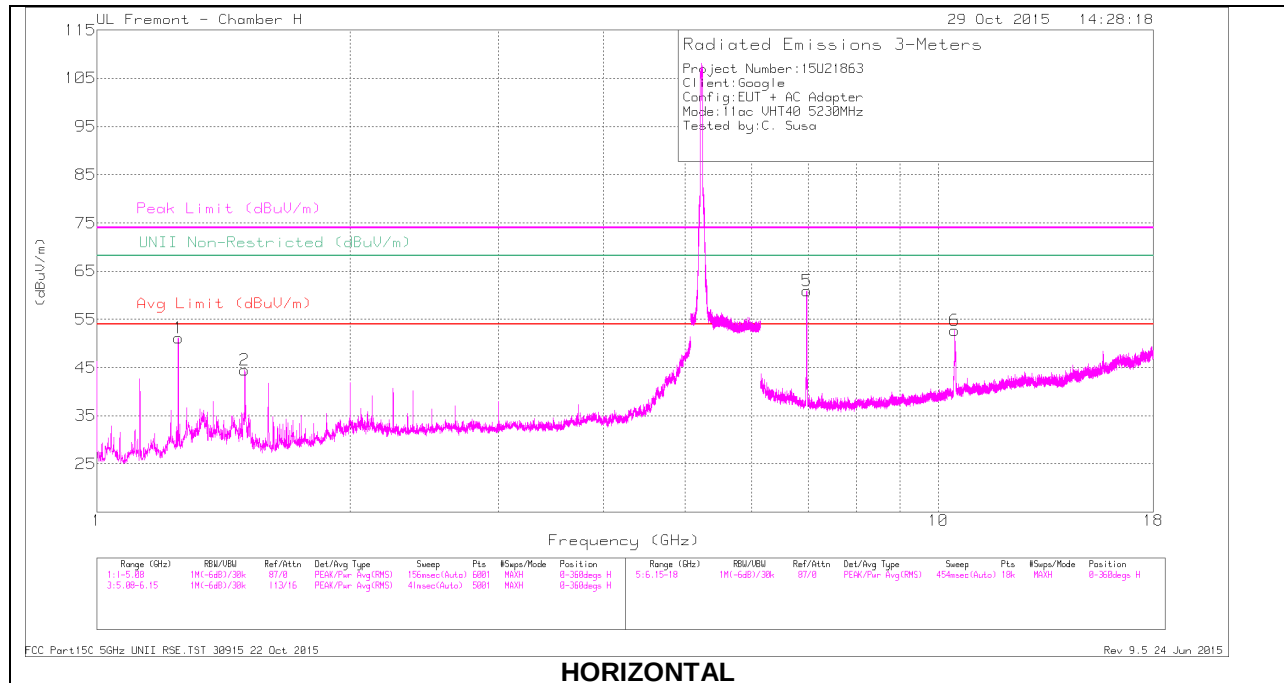
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/CBI/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.25          | 59.36                | PK-U | 28.5           | -34.5                  | 0            | 53.36                      | -                  | -           | 74                  | -20.64         | -                            | -              | 147            | 296         | H        |
|        | * 1.25          | 55.77                | ADR  | 28.5           | -34.5                  | .32          | 50.09                      | 54                 | -3.91       | -                   | -              | -                            | -              | 147            | 296         | H        |
| 2      | * 1.5           | 57.28                | PK-U | 28.1           | -34.1                  | 0            | 51.28                      | -                  | -           | 74                  | -22.72         | -                            | -              | 130            | 202         | H        |
|        | * 1.5           | 47.1                 | ADR  | 28.1           | -34.1                  | .32          | 41.42                      | 54                 | -12.58      | -                   | -              | -                            | -              | 130            | 202         | H        |
| 3      | * 1.25          | 56.23                | PK-U | 28.5           | -34.5                  | 0            | 50.23                      | -                  | -           | 74                  | -23.77         | -                            | -              | 31             | 147         | V        |
|        | * 1.25          | 53.85                | ADR  | 28.5           | -34.5                  | .32          | 48.17                      | 54                 | -5.83       | -                   | -              | -                            | -              | 31             | 147         | V        |
| 4      | * 1.5           | 57.76                | PK-U | 28.1           | -34.1                  | 0            | 51.76                      | -                  | -           | 74                  | -22.24         | -                            | -              | 8              | 258         | V        |
|        | * 1.5           | 47.74                | ADR  | 28.1           | -34.1                  | .32          | 42.06                      | 54                 | -11.94      | -                   | -              | -                            | -              | 8              | 258         | V        |
| 5      | 6.92            | 55.08                | PK-U | 35.8           | -29.5                  | 0            | 61.38                      | -                  | -           | -                   | -              | 68.2                         | -6.82          | 106            | 103         | H        |
| 7      | 6.92            | 51.85                | PK-U | 35.8           | -29.5                  | 0            | 58.15                      | -                  | -           | -                   | -              | 68.2                         | -10.05         | 51             | 129         | V        |
| 8      | 10.379          | 44.33                | PK-U | 37.3           | -24.8                  | 0            | 56.83                      | -                  | -           | -                   | -              | 68.2                         | -11.37         | 353            | 105         | V        |
| 6      | 10.382          | 44.19                | PK-U | 37.3           | -24.8                  | 0            | 56.69                      | -                  | -           | -                   | -              | 68.2                         | -11.51         | 302            | 207         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.25          | 59.93                | PK-U | 28.5          | -34.5                   | 0            | 53.93                      | -                  | -           | 74                  | -20.07         | -                            | -              | 140            | 131         | H        |
|        | * 1.25          | 55.81                | ADR  | 28.5          | -34.5                   | .32          | 50.13                      | 54                 | -3.87       | -                   | -              | -                            | -              | 140            | 131         | H        |
| 2      | * 1.5           | 58.06                | PK-U | 28.1          | -34.1                   | 0            | 52.06                      | -                  | -           | 74                  | -21.94         | -                            | -              | 129            | 192         | H        |
|        | * 1.5           | 47.63                | ADR  | 28.1          | -34.1                   | .32          | 41.95                      | 54                 | -12.05      | -                   | -              | -                            | -              | 129            | 192         | H        |
| 3      | * 1.25          | 56.48                | PK-U | 28.5          | -34.5                   | 0            | 50.48                      | -                  | -           | 74                  | -23.52         | -                            | -              | 30             | 146         | V        |
|        | * 1.25          | 54.17                | ADR  | 28.5          | -34.5                   | .32          | 48.49                      | 54                 | -5.51       | -                   | -              | -                            | -              | 30             | 146         | V        |
| 4      | * 1.5           | 55.9                 | PK-U | 28.1          | -34.1                   | 0            | 49.9                       | -                  | -           | 74                  | -24.1          | -                            | -              | 5              | 348         | V        |
|        | * 1.5           | 47.3                 | ADR  | 28.1          | -34.1                   | .32          | 41.62                      | 54                 | -12.38      | -                   | -              | -                            | -              | 5              | 348         | V        |
| 5      | 6.973           | 56.14                | PK-U | 35.8          | -29                     | 0            | 62.94                      | -                  | -           | -                   | -              | 68.2                         | -5.26          | 87             | 266         | H        |
| 7      | 6.973           | 52.21                | PK-U | 35.8          | -29                     | 0            | 59.01                      | -                  | -           | -                   | -              | 68.2                         | -9.19          | 26             | 228         | V        |
| 6      | 10.461          | 46.86                | PK-U | 37.4          | -25                     | 0            | 59.26                      | -                  | -           | -                   | -              | 68.2                         | -8.94          | 302            | 203         | H        |
| 8      | 10.461          | 49.96                | PK-U | 37.4          | -25                     | 0            | 62.36                      | -                  | -           | -                   | -              | 68.2                         | -5.84          | 3              | 105         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

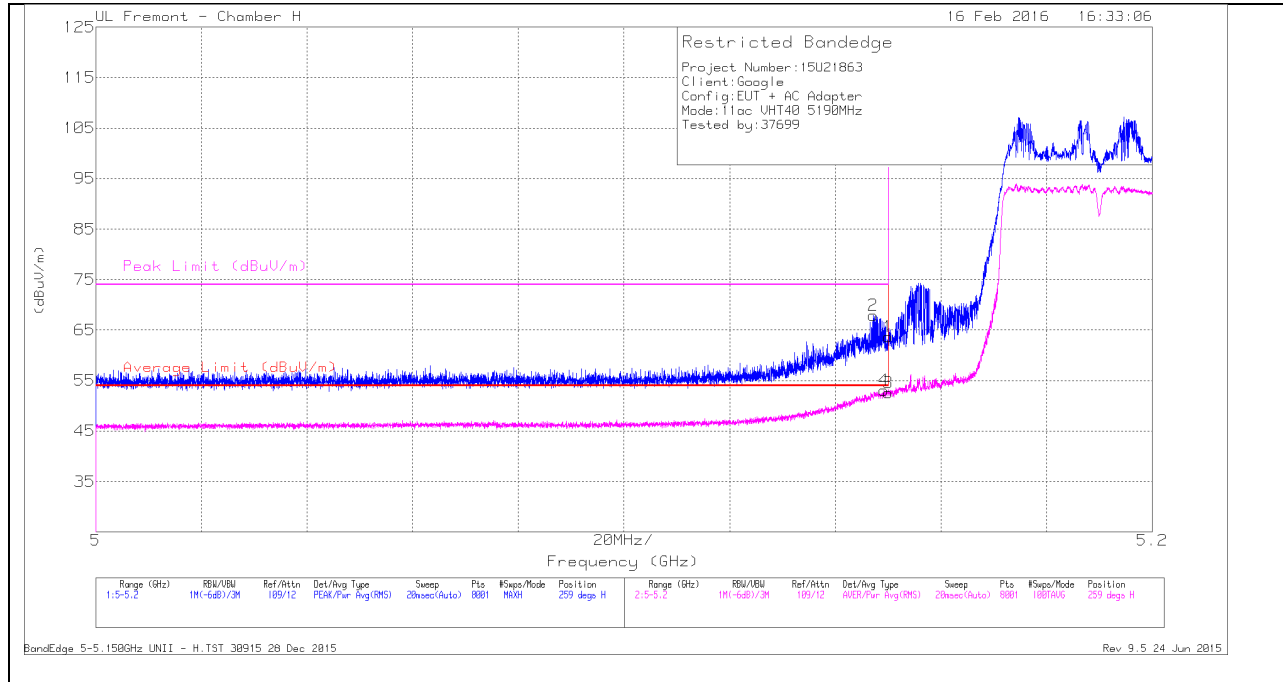
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**4Tx 1 STREAM CDD MODE**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULTS**



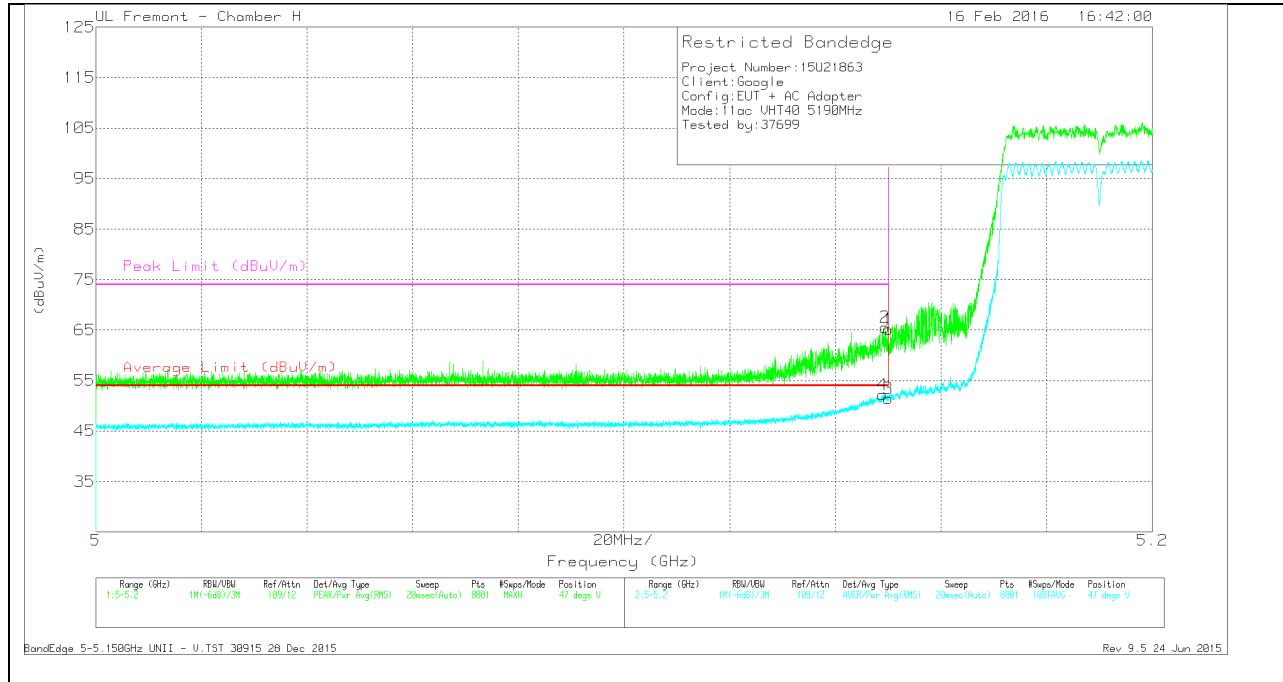
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 47.81                | Pk  | 34.4          | -18.5                  | 0            | 63.71                      | -                      | -           | 74                  | -10.29         | 259            | 314         | H        |
| 2      | * 5.147         | 51.87                | Pk  | 34.4          | -18.4                  | 0            | 67.87                      | -                      | -           | 74                  | -6.13          | 259            | 314         | H        |
| 3      | * 5.15          | 36.56                | RMS | 34.4          | -18.5                  | .15          | 52.61                      | 54                     | -1.39       | -                   | -              | 259            | 314         | H        |
| 4      | * 5.149         | 36.99                | RMS | 34.4          | -18.5                  | .15          | 53.04                      | 54                     | -96         | -                   | -              | 259            | 314         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 49.22                | Pk  | 34.4           | -18.5                  | 0            | 65.12                      | -                      | -           | 74                  | -8.88          | 47             | 265         | V        |
| 2      | * 5.149         | 49.67                | Pk  | 34.4           | -18.5                  | 0            | 65.57                      | -                      | -           | 74                  | -8.43          | 47             | 265         | V        |
| 3      | * 5.15          | 35.43                | RMS | 34.4           | -18.5                  | .15          | 51.48                      | 54                     | -2.52       | -                   | -              | 47             | 265         | V        |
| 4      | * 5.149         | 36.15                | RMS | 34.4           | -18.5                  | .15          | 52.2                       | 54                     | -1.8        | -                   | -              | 47             | 265         | V        |

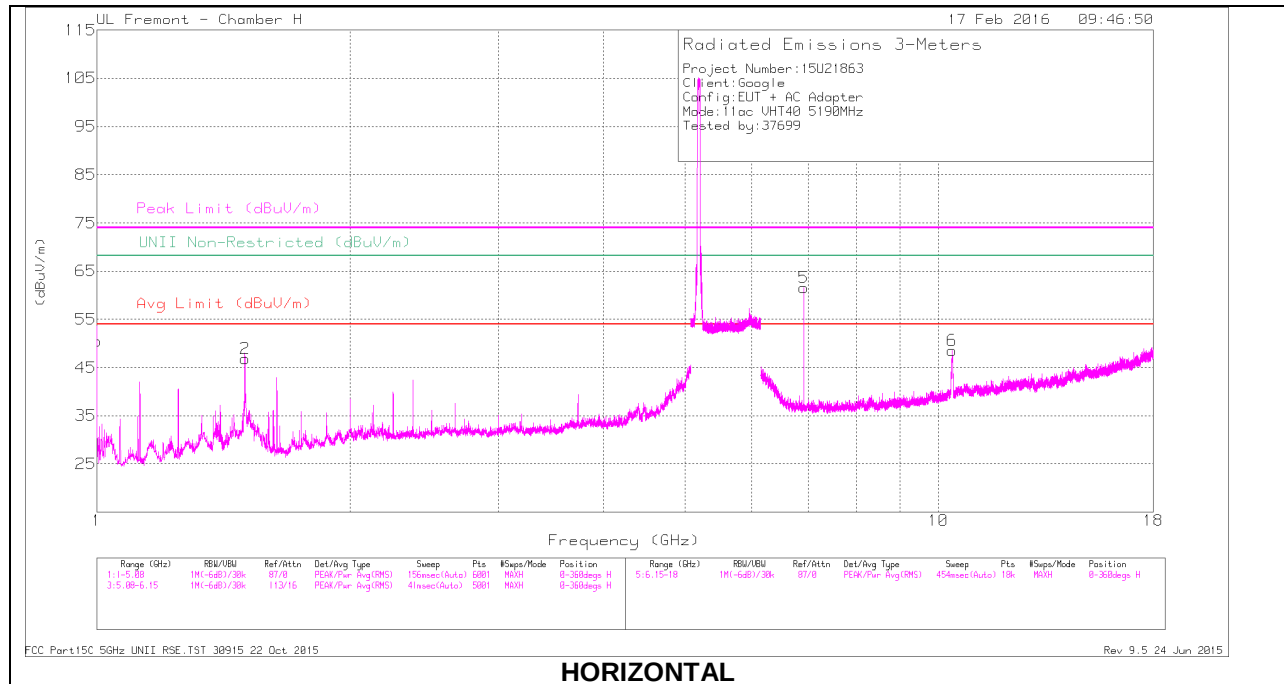
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

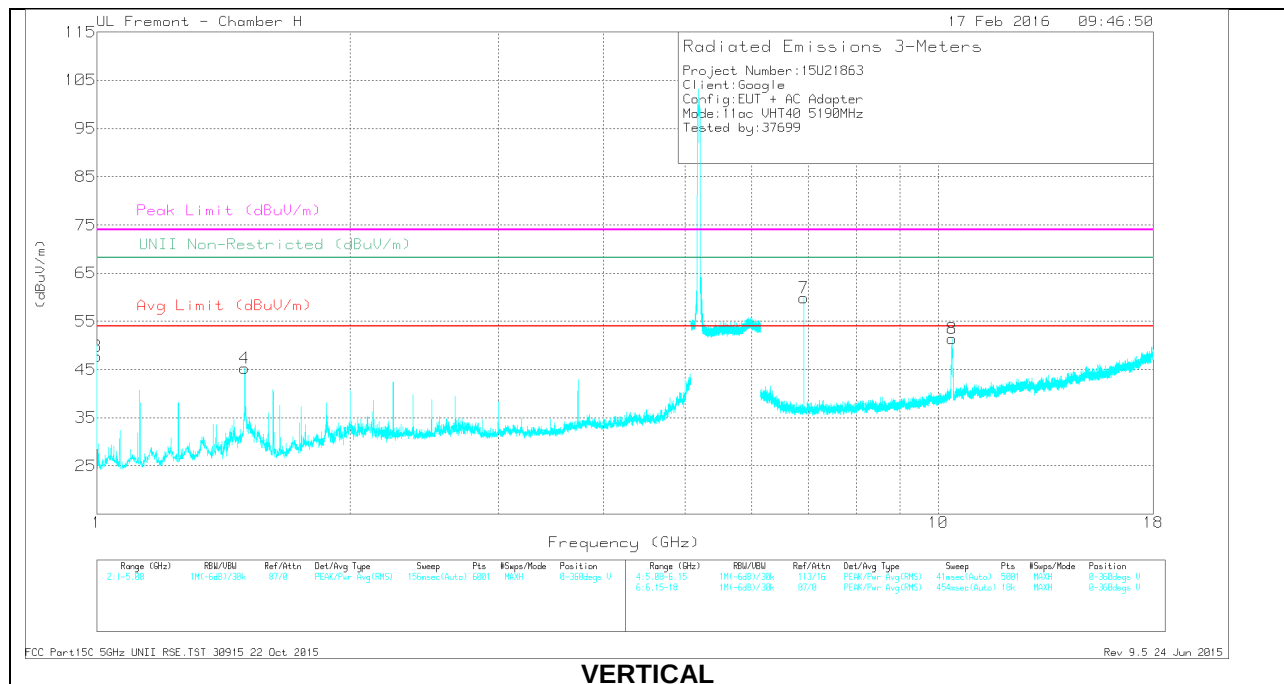
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

## LOW CHANNEL DATA

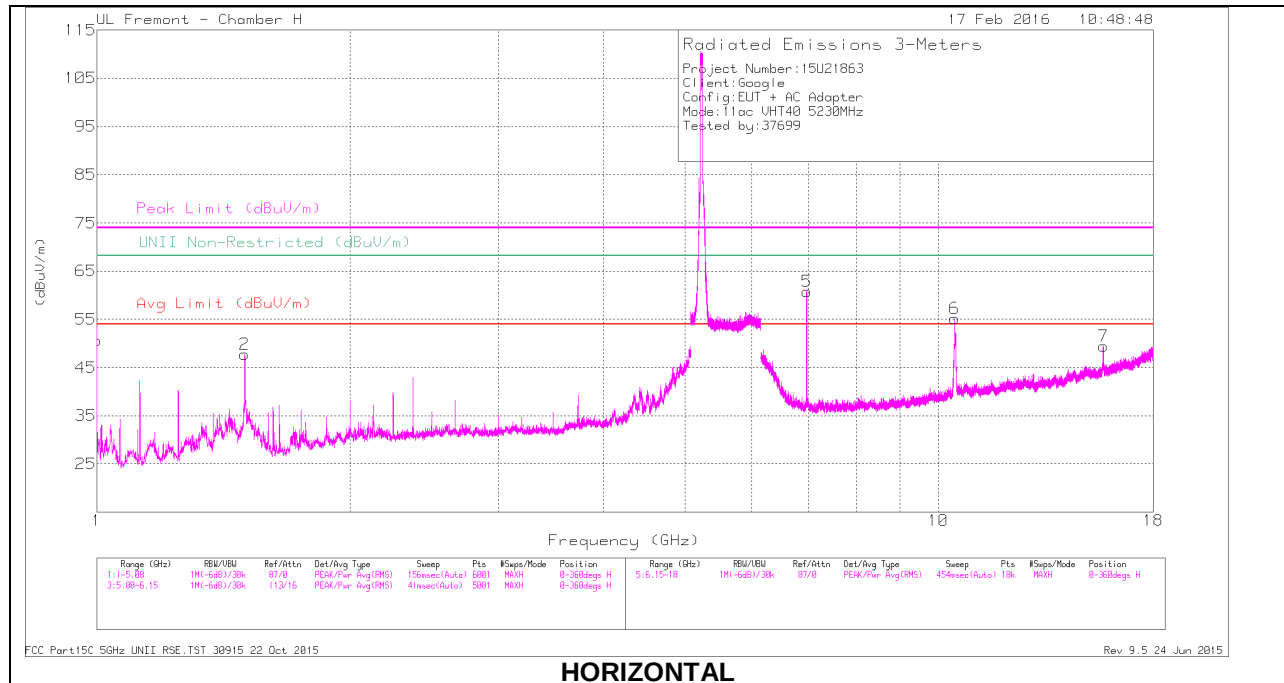
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.81                | PK-U | 27            | -34.2                   | 0            | 55.61                      | -                  | -           | 74                  | -18.39         | -                            | -              | 278            | 170         | H        |
|        | * 1             | 59.34                | ADR  | 27            | -34.2                   | .15          | 52.29                      | 54                 | -1.71       | -                   | -              | -                            | -              | 278            | 170         | H        |
| 2      | * 1.5           | 60.18                | PK-U | 28.1          | -34.3                   | 0            | 53.98                      | -                  | -           | 74                  | -20.02         | -                            | -              | 290            | 295         | H        |
|        | * 1.5           | 52.54                | ADR  | 28.1          | -34.3                   | .15          | 46.49                      | 54                 | -7.51       | -                   | -              | -                            | -              | 290            | 295         | H        |
| 3      | * 1             | 61.53                | PK-U | 27            | -34.2                   | 0            | 54.33                      | -                  | -           | 74                  | -19.67         | -                            | -              | 251            | 316         | V        |
|        | * 1             | 59.23                | ADR  | 27            | -34.2                   | .15          | 52.18                      | 54                 | -1.82       | -                   | -              | -                            | -              | 251            | 316         | V        |
| 4      | * 1.5           | 58.66                | PK-U | 28.1          | -34.3                   | 0            | 52.46                      | -                  | -           | 74                  | -21.54         | -                            | -              | 195            | 361         | V        |
|        | * 1.5           | 50.96                | ADR  | 28.1          | -34.3                   | .15          | 44.91                      | 54                 | -9.09       | -                   | -              | -                            | -              | 195            | 361         | V        |
| 5      | 6.92            | 54.28                | PK-U | 35.8          | -27.7                   | 0            | 62.38                      | -                  | -           | -                   | -              | 68.2                         | -5.82          | 334            | 100         | H        |
| 7      | 6.92            | 52.66                | PK-U | 35.8          | -27.7                   | 0            | 60.76                      | -                  | -           | -                   | -              | 68.2                         | -7.44          | 59             | 110         | V        |
| 6      | 10.371          | 42.25                | PK-U | 37.2          | -23.5                   | 0            | 55.95                      | -                  | -           | -                   | -              | 68.2                         | -12.25         | 183            | 269         | H        |
| 8      | 10.382          | 44.69                | PK-U | 37.3          | -23.3                   | 0            | 58.69                      | -                  | -           | -                   | -              | 68.2                         | -9.51          | 140            | 114         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

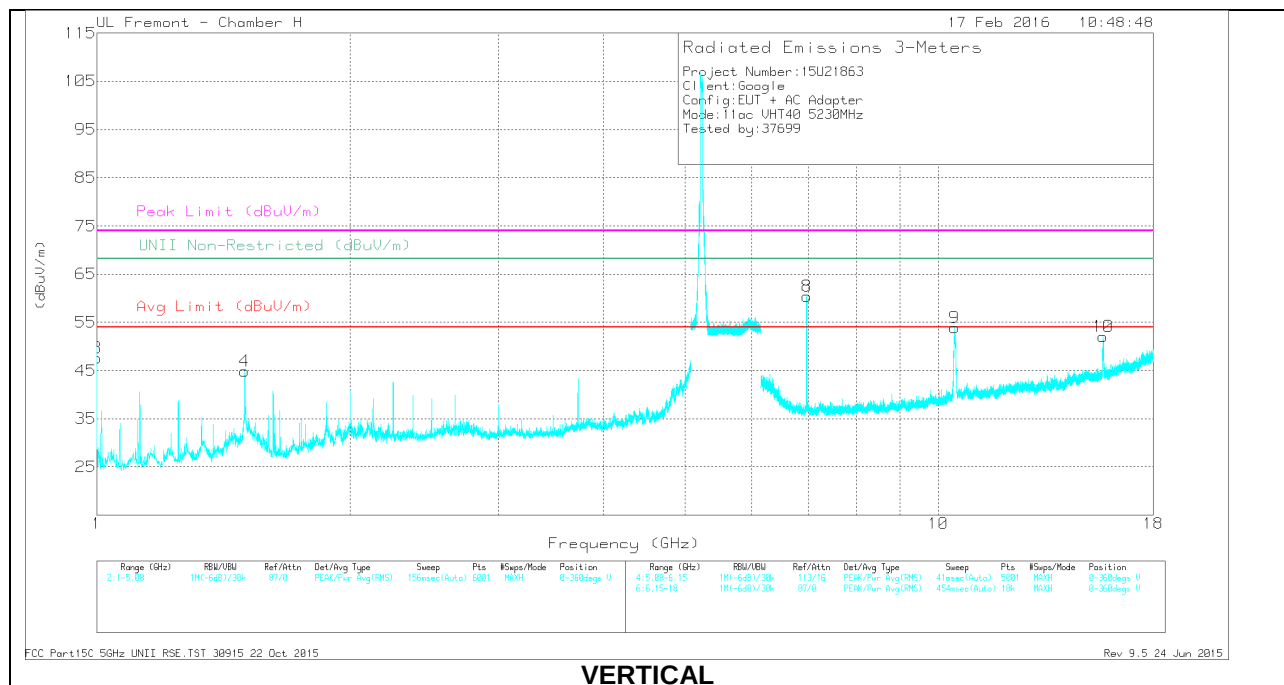
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.91                | PK-U | 27             | -34.2                | 0            | 55.71                      | -                  | -           | 74                  | -18.29         | -                            | -              | 280            | 173         | H        |
|        | * 1             | 59.42                | ADR  | 27             | -34.2                | .15          | 52.37                      | 54                 | -1.63       | -                   | -              | -                            | -              | 280            | 173         | H        |
| 2      | * 1.5           | 59.83                | PK-U | 28.1           | -34.3                | 0            | 53.63                      | -                  | -           | 74                  | -20.37         | -                            | -              | 287            | 292         | H        |
|        | * 1.5           | 52.65                | ADR  | 28.1           | -34.3                | .15          | 46.6                       | 54                 | -7.4        | -                   | -              | -                            | -              | 287            | 292         | H        |
| 3      | * 1             | 61.59                | PK-U | 27             | -34.2                | 0            | 54.39                      | -                  | -           | 74                  | -19.61         | -                            | -              | 254            | 320         | V        |
|        | * 1             | 58.95                | ADR  | 27             | -34.2                | .15          | 51.9                       | 54                 | -2.1        | -                   | -              | -                            | -              | 254            | 320         | V        |
| 4      | * 1.5           | 56.74                | PK-U | 28.1           | -34.3                | 0            | 50.54                      | -                  | -           | 74                  | -23.46         | -                            | -              | 95             | 362         | V        |
|        | * 1.5           | 50.08                | ADR  | 28.1           | -34.3                | .15          | 44.03                      | 54                 | -9.97       | -                   | -              | -                            | -              | 95             | 362         | V        |
| 7      | * 15.7          | 38.43                | PK-U | 40.9           | -21.8                | 0            | 57.53                      | -                  | -           | 74                  | -16.47         | -                            | -              | 277            | 269         | H        |
|        | * 15.689        | 26.95                | ADR  | 40.9           | -21.8                | .15          | 46.2                       | 54                 | -7.8        | -                   | -              | -                            | -              | 277            | 269         | H        |
| 10     | * 15.695        | 42.11                | PK-U | 40.9           | -21.7                | 0            | 61.31                      | -                  | -           | 74                  | -12.69         | -                            | -              | 354            | 199         | V        |
|        | * 15.704        | 27.28                | ADR  | 40.9           | -21.8                | .15          | 46.53                      | 54                 | -7.47       | -                   | -              | -                            | -              | 354            | 199         | V        |
| 5      | 6.973           | 54.6                 | PK-U | 35.8           | -27.2                | 0            | 63.2                       | -                  | -           | -                   | -              | 68.2                         | -5             | 318            | 236         | H        |
| 8      | 6.973           | 52.97                | PK-U | 35.8           | -27.2                | 0            | 61.57                      | -                  | -           | -                   | -              | 68.2                         | -6.63          | 19             | 214         | V        |
| 6      | 10.459          | 45.21                | PK-U | 37.4           | -23.5                | 0            | 59.11                      | -                  | -           | -                   | -              | 68.2                         | -9.09          | 240            | 200         | V        |
| 9      | 10.461          | 43.55                | PK-U | 37.4           | -23.5                | 0            | 57.45                      | -                  | -           | -                   | -              | 68.2                         | -10.75         | 354            | 137         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

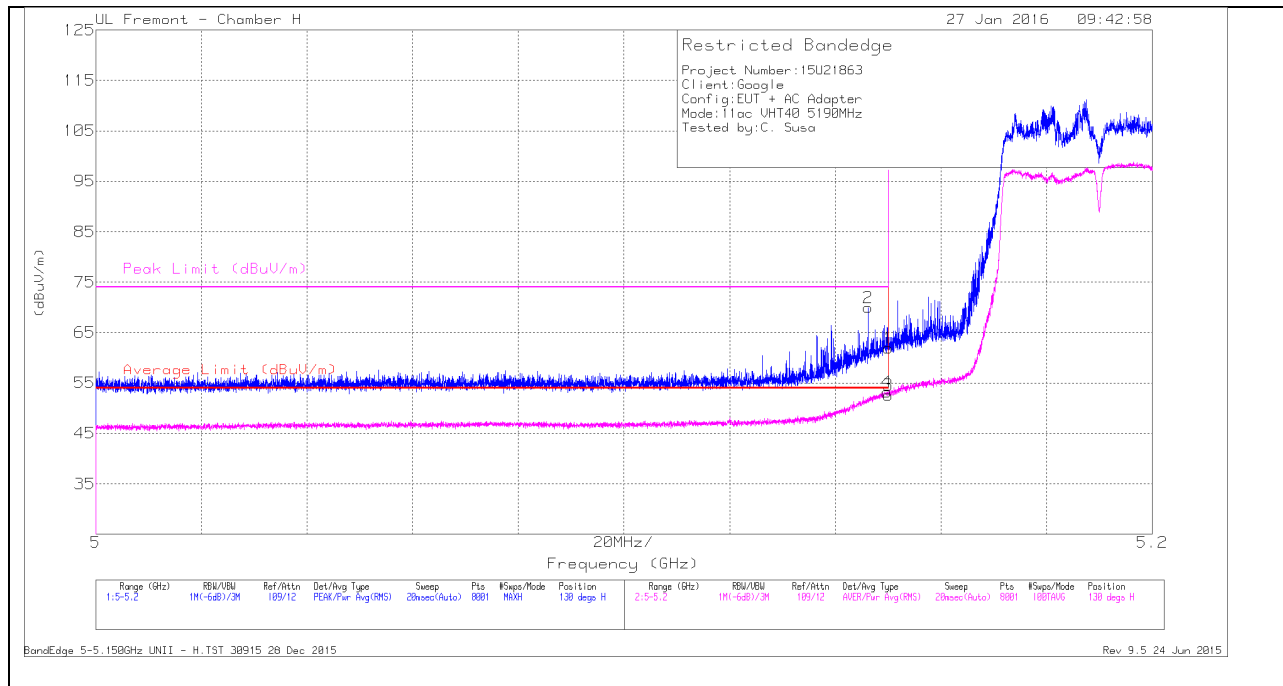
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

# 4Tx 3 STREAM BF MODE

## RESTRICTED BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULTS



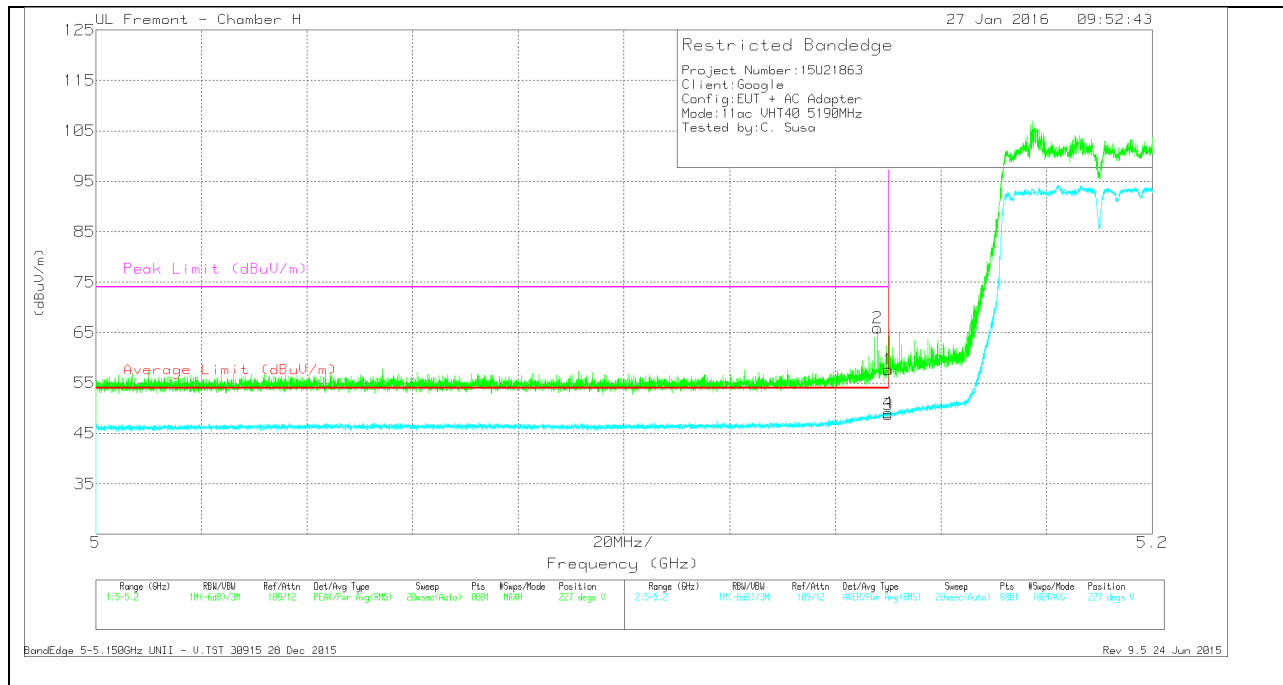
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.146         | 53.98                | Pk  | 34.4          | -18.4                  | 0            | 69.98                      | -                      | -           | 74                  | -4.02          | 130            | 305         | H        |
| 1      | * 5.15          | 46.03                | Pk  | 34.4          | -18.5                  | 0            | 61.93                      | -                      | -           | 74                  | -12.07         | 130            | 305         | H        |
| 3      | * 5.15          | 35.86                | RMS | 34.4          | -18.5                  | .82          | 52.58                      | 54                     | -1.42       | -                   | -              | 130            | 305         | H        |
| 4      | * 5.15          | 36.49                | RMS | 34.4          | -18.5                  | .82          | 53.21                      | 54                     | -1.79       | -                   | -              | 130            | 305         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.148         | 50.03                | Pk  | 34.4           | -18.5                  | 0            | 65.93                      | -                      | -           | 74                  | -8.07          | 227            | 345         | V        |
| 1      | * 5.15          | 41.8                 | Pk  | 34.4           | -18.5                  | 0            | 57.7                       | -                      | -           | 74                  | -16.3          | 227            | 345         | V        |
| 3      | * 5.15          | 31.98                | RMS | 34.4           | -18.5                  | .82          | 48.7                       | 54                     | -5.3        | -                   | -              | 227            | 345         | V        |
| 4      | * 5.15          | 32.42                | RMS | 34.4           | -18.5                  | .82          | 49.14                      | 54                     | -4.86       | -                   | -              | 227            | 345         | V        |

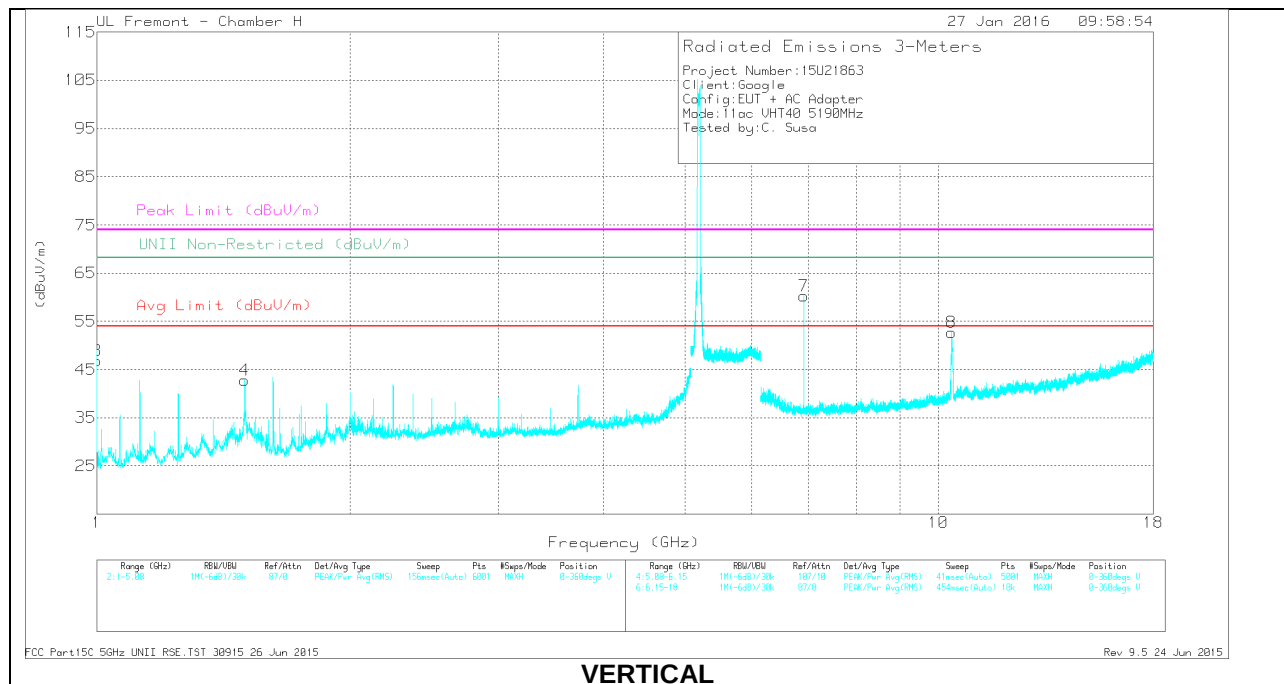
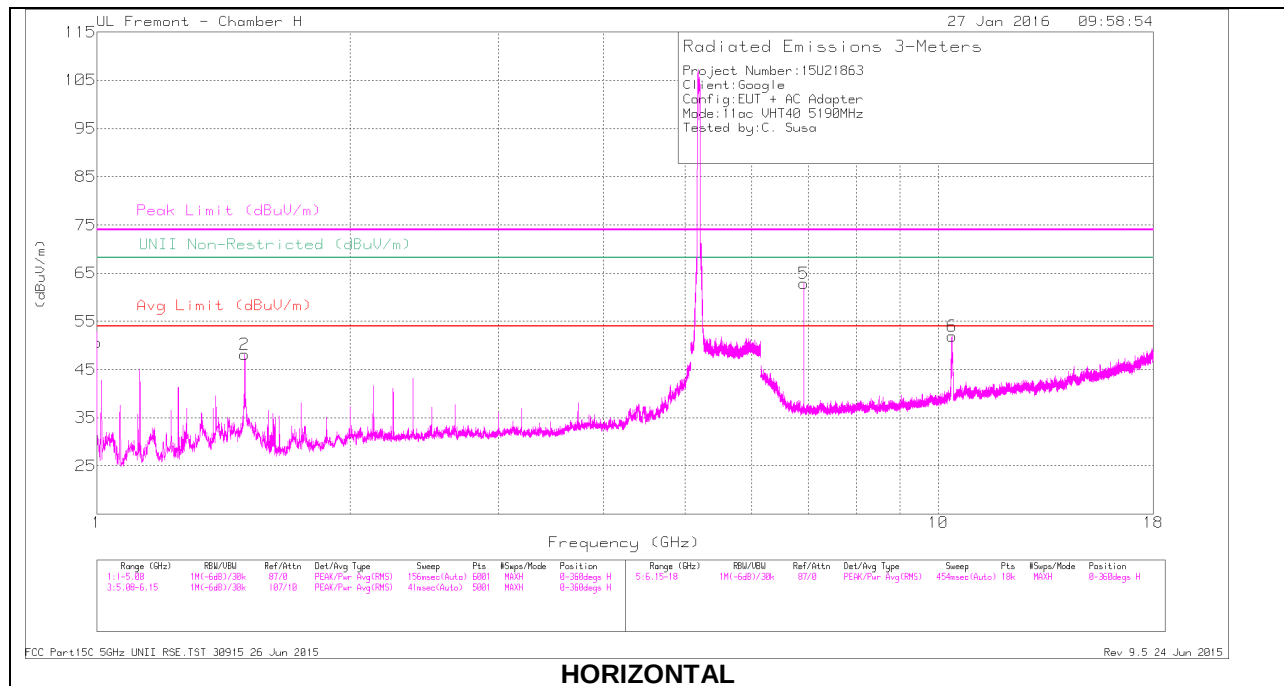
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

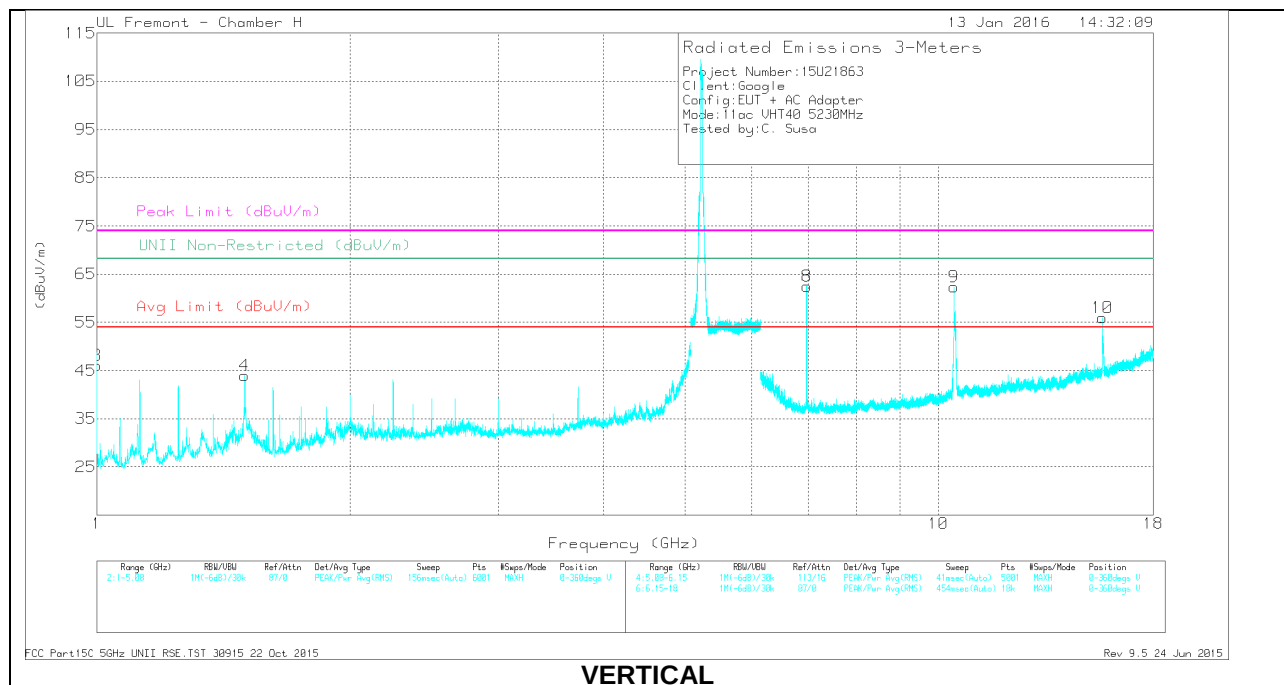
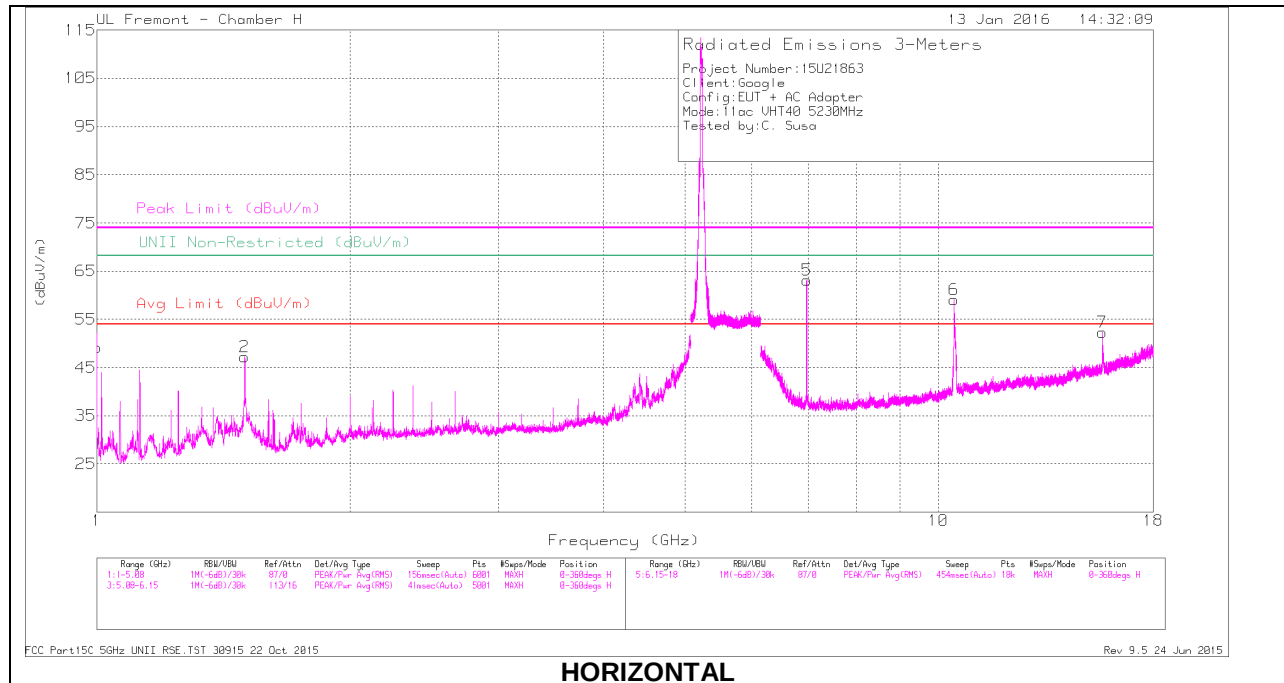
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.17                | PK-U | 27            | -34.2                   | 0            | 54.97                      | -                  | -           | 74                  | -19.03         | -                            | -              | 292            | 259         | H        |
|        | * 1             | 58.37                | ADR  | 27            | -34.2                   | .82          | 51.99                      | 54                 | -2.01       | -                   | -              | -                            | -              | 292            | 259         | H        |
| 2      | * 1.5           | 59.83                | PK-U | 28.1          | -34.3                   | 0            | 53.63                      | -                  | -           | 74                  | -20.37         | -                            | -              | 297            | 295         | H        |
|        | * 1.5           | 53.1                 | ADR  | 28.1          | -34.3                   | .82          | 47.72                      | 54                 | -6.28       | -                   | -              | -                            | -              | 297            | 295         | H        |
| 3      | * 1             | 61.22                | PK-U | 27            | -34.2                   | 0            | 54.02                      | -                  | -           | 74                  | -19.98         | -                            | -              | 246            | 314         | V        |
|        | * 1             | 58.53                | ADR  | 27            | -34.2                   | .82          | 52.15                      | 54                 | -1.85       | -                   | -              | -                            | -              | 246            | 314         | V        |
| 4      | * 1.5           | 55.93                | PK-U | 28.1          | -34.3                   | 0            | 49.73                      | -                  | -           | 74                  | -24.27         | -                            | -              | 98             | 279         | V        |
|        | * 1.5           | 49.11                | ADR  | 28.1          | -34.3                   | .82          | 43.73                      | 54                 | -10.27      | -                   | -              | -                            | -              | 98             | 279         | V        |
| 5      | 6.92            | 55.82                | PK-U | 35.8          | -27.7                   | 0            | 63.92                      | -                  | -           | -                   | -              | 68.2                         | -4.28          | 340            | 103         | H        |
| 7      | 6.92            | 53.06                | PK-U | 35.8          | -27.7                   | 0            | 61.16                      | -                  | -           | -                   | -              | 68.2                         | -7.04          | 253            | 258         | V        |
| 6      | 10.376          | 46.34                | PK-U | 37.3          | -23.4                   | 0            | 60.24                      | -                  | -           | -                   | -              | 68.2                         | -7.96          | 182            | 189         | H        |
| 8      | 10.384          | 48.82                | PK-U | 37.3          | -23.3                   | 0            | 62.82                      | -                  | -           | -                   | -              | 68.2                         | -5.38          | 134            | 108         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.01                | PK-U | 27             | -34.2                   | 0            | 54.81                      | -                  | -           | 74                  | -19.19         | -                            | -              | 289            | 172         | H        |
|        | * 1             | 58.33                | ADR  | 27             | -34.2                   | .82          | 51.95                      | 54                 | -2.05       | -                   | -              | -                            | -              | 289            | 172         | H        |
| 2      | * 1.5           | 60.7                 | PK-U | 28.1           | -34.3                   | 0            | 54.5                       | -                  | -           | 74                  | -19.5          | -                            | -              | 290            | 164         | H        |
|        | * 1.5           | 52.24                | ADR  | 28.1           | -34.3                   | .82          | 46.86                      | 54                 | -7.14       | -                   | -              | -                            | -              | 290            | 164         | H        |
| 3      | * 1             | 60.88                | PK-U | 27             | -34.2                   | 0            | 53.68                      | -                  | -           | 74                  | -20.32         | -                            | -              | 244            | 354         | V        |
|        | * 1             | 57.76                | ADR  | 27             | -34.2                   | .82          | 51.38                      | 54                 | -2.62       | -                   | -              | -                            | -              | 244            | 354         | V        |
| 4      | * 1.5           | 57.28                | PK-U | 28.1           | -34.3                   | 0            | 51.08                      | -                  | -           | 74                  | -22.92         | -                            | -              | 200            | 338         | V        |
|        | * 1.5           | 49.12                | ADR  | 28.1           | -34.3                   | .82          | 43.74                      | 54                 | -10.26      | -                   | -              | -                            | -              | 200            | 338         | V        |
| 7      | * 15.652        | 40.57                | PK-U | 40.9           | -21.4                   | 0            | 60.07                      | -                  | -           | 74                  | -13.93         | -                            | -              | 276            | 274         | H        |
|        | * 15.69         | 25.49                | ADR  | 40.9           | -21.8                   | .82          | 45.41                      | 54                 | -8.59       | -                   | -              | -                            | -              | 276            | 274         | H        |
| 10     | * 15.648        | 45.82                | PK-U | 40.9           | -21.5                   | 0            | 65.22                      | -                  | -           | 74                  | -8.78          | -                            | -              | 348            | 219         | V        |
|        | * 15.69         | 29.79                | ADR  | 40.9           | -21.8                   | .82          | 49.71                      | 54                 | -4.29       | -                   | -              | -                            | -              | 348            | 219         | V        |
| 5      | 6.973           | 56.18                | PK-U | 35.8           | -27.2                   | 0            | 64.78                      | -                  | -           | -                   | -              | 68.2                         | -3.42          | 153            | 100         | H        |
| 8      | 6.973           | 54.85                | PK-U | 35.8           | -27.2                   | 0            | 63.45                      | -                  | -           | -                   | -              | 68.2                         | -4.75          | 18             | 218         | V        |
| 6      | 10.431          | 51.53                | PK-U | 37.3           | -23.6                   | 0            | 65.23                      | -                  | -           | -                   | -              | 68.2                         | -2.97          | 222            | 180         | H        |
| 9      | 10.436          | 51.45                | PK-U | 37.4           | -23.6                   | 0            | 65.25                      | -                  | -           | -                   | -              | 68.2                         | -2.95          | 356            | 189         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

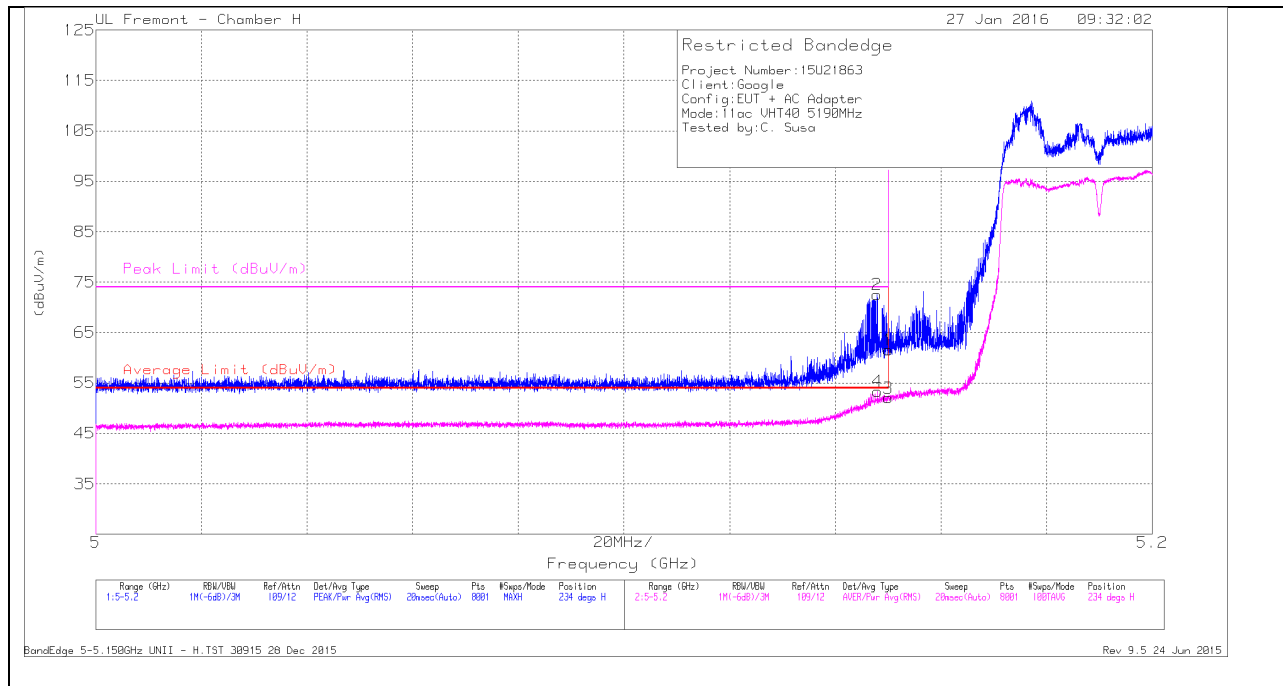
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**4Tx 1 STREAM BF MODE**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULTS**



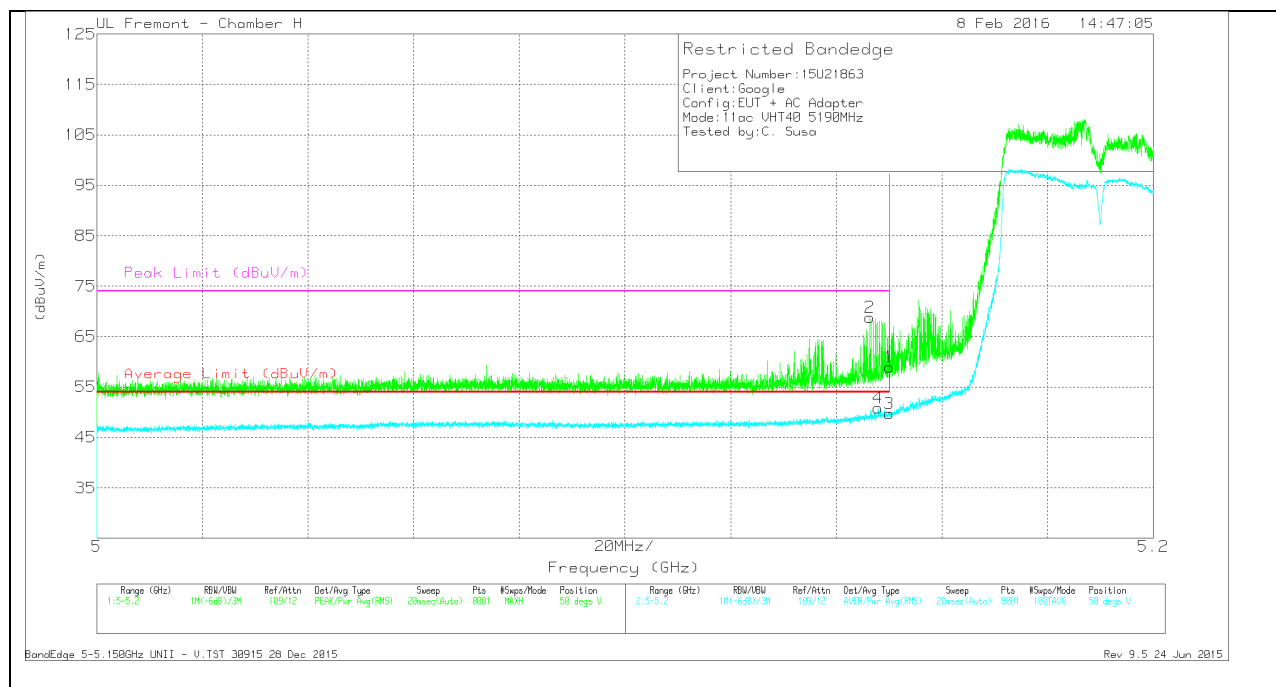
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.66                | Pk  | 34.4          | -18.5                  | 0            | 61.56                      | -                      | -           | 74                  | -12.44         | 234            | 319         | H        |
| 2      | * 5.148         | 56.61                | Pk  | 34.4          | -18.5                  | 0            | 72.51                      | -                      | -           | 74                  | -1.49          | 234            | 319         | H        |
| 3      | * 5.15          | 35.02                | RMS | 34.4          | -18.5                  | 1.11         | 52.03                      | 54                     | -1.97       | -                   | -              | 234            | 319         | H        |
| 4      | * 5.148         | 36.31                | RMS | 34.4          | -18.5                  | 1.11         | 53.32                      | 54                     | -68         | -                   | -              | 234            | 319         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 43.02                | Pk  | 34.4           | -18.5                  | 0            | 58.92                      | -                      | -           | 74                  | -15.08         | 50             | 248         | V        |
| 2      | * 5.146         | 52.76                | Pk  | 34.4           | -18.4                  | 0            | 68.76                      | -                      | -           | 74                  | -5.24          | 50             | 248         | V        |
| 3      | * 5.15          | 32.75                | RMS | 34.4           | -18.5                  | 1.11         | 49.76                      | 54                     | -4.24       | -                   | -              | 50             | 248         | V        |
| 4      | * 5.148         | 33.8                 | RMS | 34.4           | -18.5                  | 1.11         | 50.81                      | 54                     | -3.19       | -                   | -              | 50             | 248         | V        |

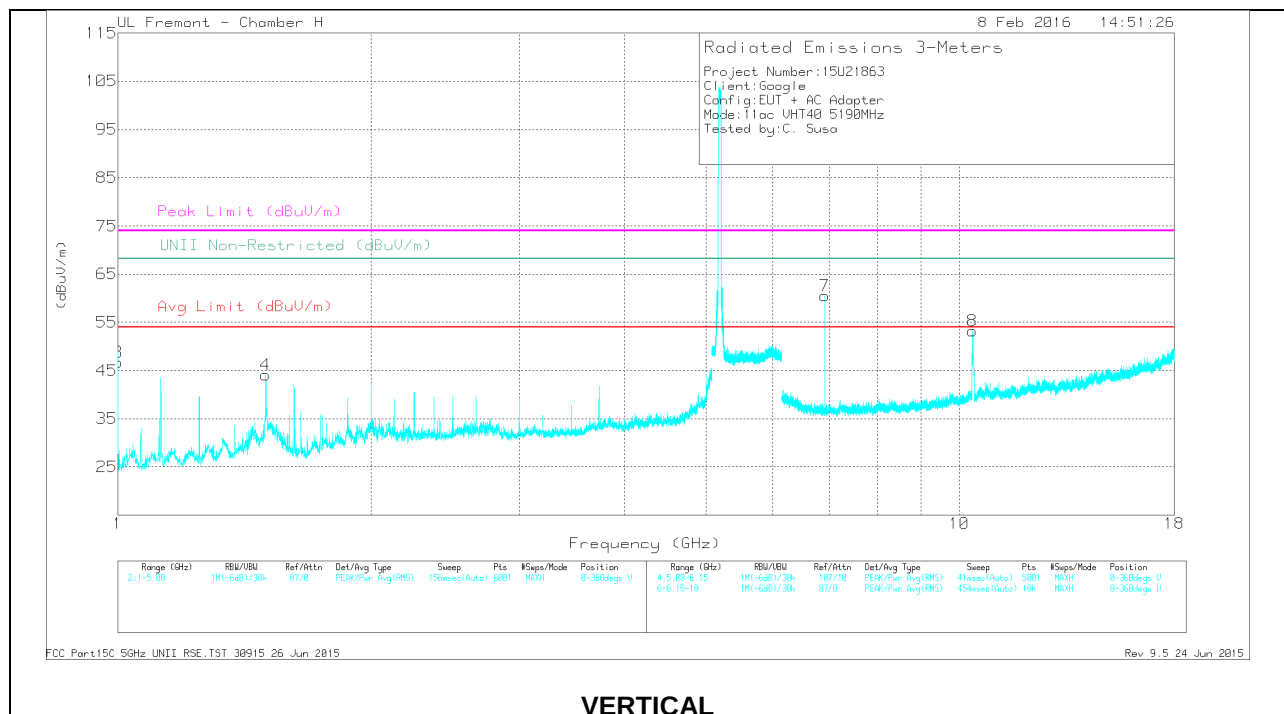
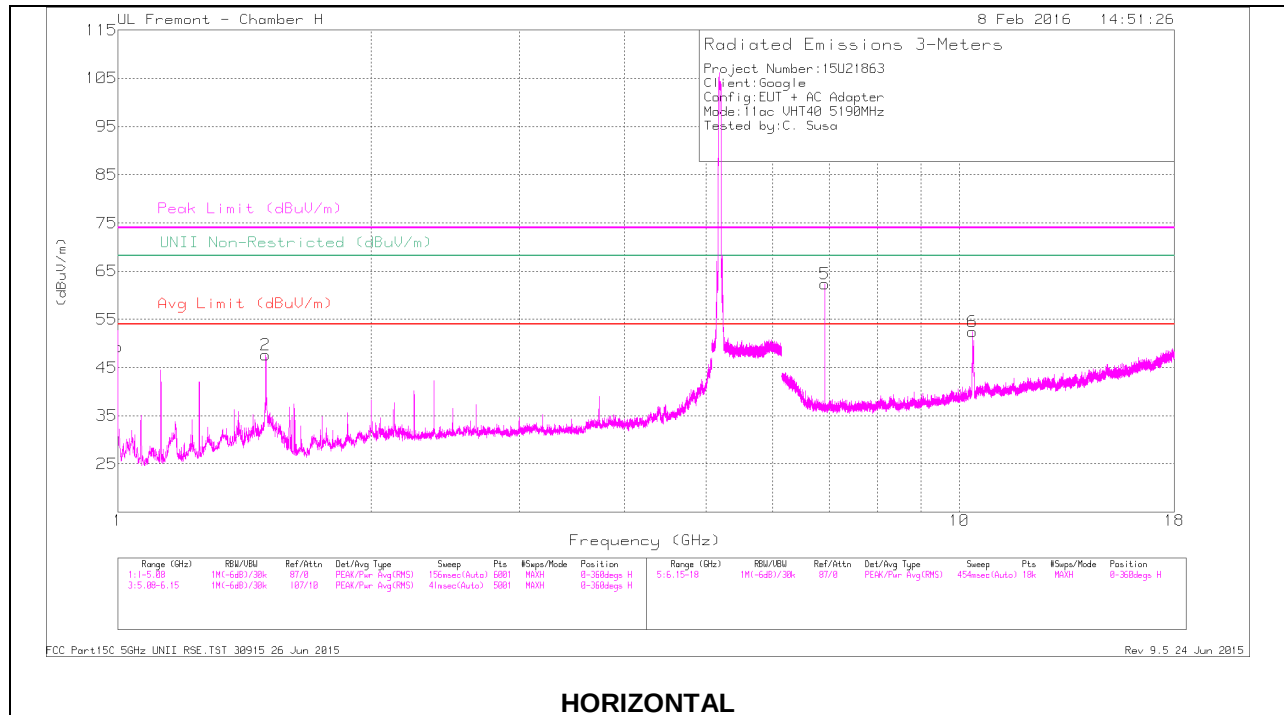
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

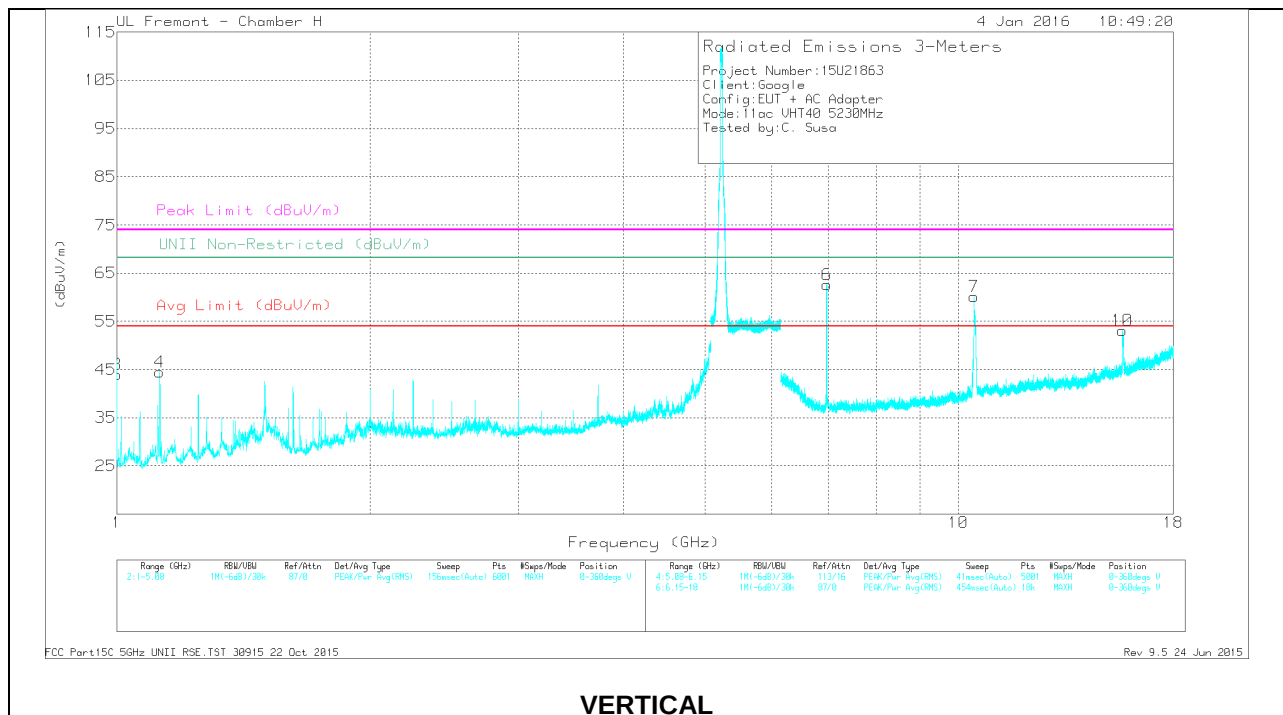
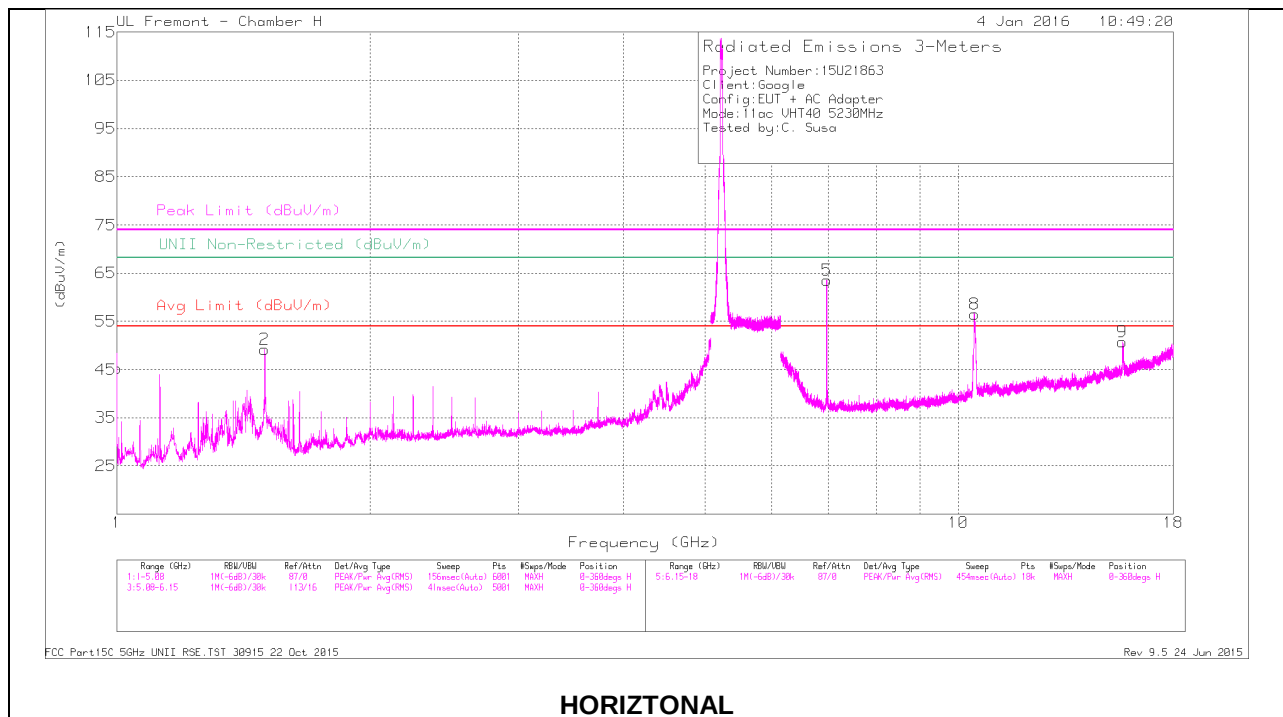
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dBm) | Ampl/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 61.89                | PK-U | 27            | -34.2                   | 0            | 54.69                      | -                  | -           | 74                  | -19.31         | -                            | -              | 277            | 180         | H        |
|        | * 1             | 57.75                | ADR  | 27            | -34.2                   | 1.11         | 51.66                      | 54                 | -2.34       | -                   | -              | -                            | -              | 277            | 180         | H        |
| 2      | * 1.5           | 59.67                | PK-U | 28.1          | -34.3                   | 0            | 53.47                      | -                  | -           | 74                  | -20.53         | -                            | -              | 286            | 163         | H        |
|        | * 1.5           | 53.07                | ADR  | 28.1          | -34.3                   | 1.11         | 47.98                      | 54                 | -6.02       | -                   | -              | -                            | -              | 286            | 163         | H        |
| 3      | * 1             | 59.57                | PK-U | 27            | -34.2                   | 0            | 52.37                      | -                  | -           | 74                  | -21.63         | -                            | -              | 262            | 257         | V        |
|        | * 1             | 56.46                | ADR  | 27            | -34.2                   | 1.11         | 50.37                      | 54                 | -3.63       | -                   | -              | -                            | -              | 262            | 257         | V        |
| 4      | * 1.5           | 57.63                | PK-U | 28.1          | -34.3                   | 0            | 51.43                      | -                  | -           | 74                  | -22.57         | -                            | -              | 220            | 291         | V        |
|        | * 1.5           | 49.67                | ADR  | 28.1          | -34.3                   | 1.11         | 44.58                      | 54                 | -9.42       | -                   | -              | -                            | -              | 220            | 291         | V        |
| 5      | 6.92            | 55.26                | PK-U | 35.8          | -27.7                   | 0            | 63.36                      | -                  | -           | -                   | -              | 68.2                         | -4.84          | 341            | 100         | H        |
| 7      | 6.92            | 54.76                | PK-U | 35.8          | -27.7                   | 0            | 62.86                      | -                  | -           | -                   | -              | 68.2                         | -5.34          | 65             | 101         | V        |
| 6      | 10.36           | 46.52                | PK-U | 37.2          | -23.4                   | 0            | 60.32                      | -                  | -           | -                   | -              | 68.2                         | -7.88          | 231            | 195         | V        |
| 8      | 10.362          | 45.58                | PK-U | 37.2          | -23.4                   | 0            | 59.38                      | -                  | -           | -                   | -              | 68.2                         | -8.82          | 174            | 242         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HIGH CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 57.38                | PK-U | 27             | -34.2                  | 0            | 50.18                      | -                  | -           | 74                  | -23.82         | -                            | -              | 297            | 199         | H        |
|        | * 1             | 53.86                | ADR  | 27             | -34.2                  | .88          | 47.54                      | 54                 | -6.46       | -                   | -              | -                            | -              | 297            | 199         | H        |
| 2      | * 1.5           | 59.32                | PK-U | 28.1           | -34.3                  | 0            | 53.12                      | -                  | -           | 74                  | -20.88         | -                            | -              | 57             | 173         | H        |
|        | * 1.5           | 54.39                | ADR  | 28.1           | -34.3                  | .88          | 49.07                      | 54                 | -4.93       | -                   | -              | -                            | -              | 57             | 173         | H        |
| 3      | * 1             | 58.12                | PK-U | 27             | -34.2                  | 0            | 50.92                      | -                  | -           | 74                  | -23.08         | -                            | -              | 352            | 328         | V        |
|        | * 1             | 54.7                 | ADR  | 27             | -34.2                  | .88          | 48.38                      | 54                 | -5.62       | -                   | -              | -                            | -              | 352            | 328         | V        |
| 4      | * 1.125         | 54.92                | PK-U | 27.4           | -34.4                  | 0            | 47.92                      | -                  | -           | 74                  | -26.08         | -                            | -              | 338            | 333         | V        |
|        | * 1.125         | 52.17                | ADR  | 27.4           | -34.4                  | .88          | 46.05                      | 54                 | -7.95       | -                   | -              | -                            | -              | 338            | 333         | V        |
| 9      | * 15.652        | 41.16                | PK-U | 40.9           | -21.4                  | 0            | 60.66                      | -                  | -           | 74                  | -13.34         | -                            | -              | 34             | 305         | H        |
|        | * 15.676        | 27.5                 | ADR  | 40.9           | -21.7                  | .88          | 47.58                      | 54                 | -6.42       | -                   | -              | -                            | -              | 34             | 305         | H        |
| 10     | * 15.649        | 44.74                | PK-U | 40.9           | -21.5                  | 0            | 64.14                      | -                  | -           | 74                  | -9.86          | -                            | -              | 79             | 231         | V        |
|        | * 15.68         | 28.65                | ADR  | 40.9           | -21.7                  | .88          | 48.73                      | 54                 | -5.27       | -                   | -              | -                            | -              | 79             | 231         | V        |
| 5      | 6.973           | 58.43                | PK-U | 35.8           | -27.2                  | 0            | 67.03                      | -                  | -           | -                   | -              | 68.2                         | -1.17          | 61             | 285         | H        |
| 6      | 6.973           | 55.26                | PK-U | 35.8           | -27.2                  | 0            | 63.86                      | -                  | -           | -                   | -              | 68.2                         | -4.34          | 10             | 213         | V        |
| 8      | 10.434          | 53.52                | PK-U | 37.3           | -23.6                  | 0            | 67.22                      | -                  | -           | -                   | -              | 68.2                         | -.98           | 345            | 121         | H        |
| 7      | 10.441          | 50.37                | PK-U | 37.4           | -23.5                  | 0            | 64.27                      | -                  | -           | -                   | -              | 68.2                         | -3.93          | 198            | 163         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

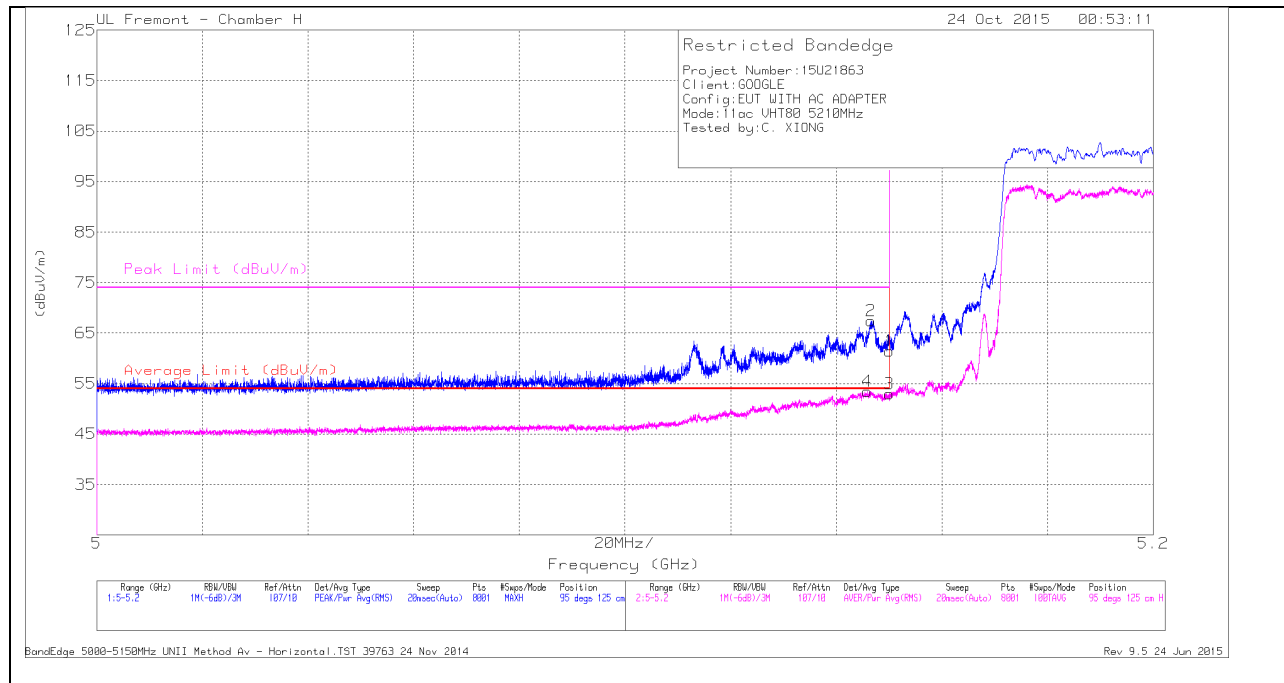
ADR - U-NII AD primary method, RMS average

## 5.1.4. 802.11ac VHT80 MODE IN THE 5.2GHz BAND

### 4Tx 4 STREAM CDD MODE

### RESTRICTED BANDEGE

### HORIZONTAL RESULTS



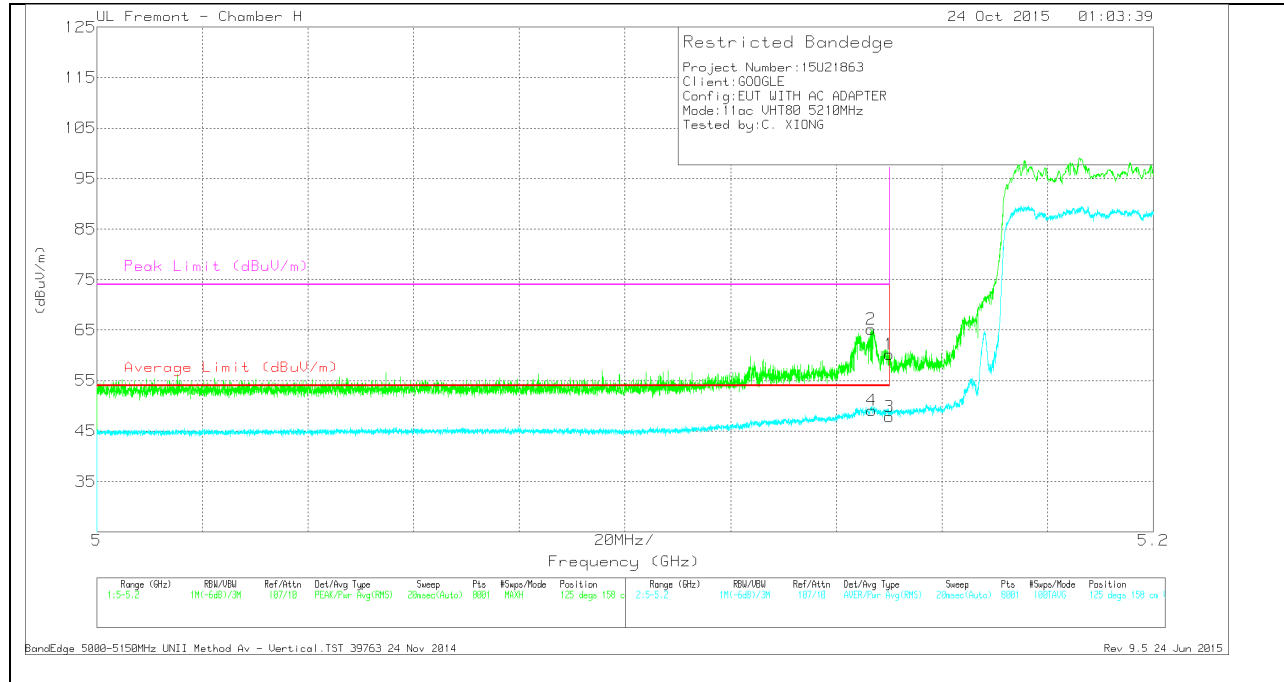
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.8                 | Pk  | 34.4           | -18.8                  | 0            | 61.4                       | -                      | -           | 74                  | -12.6          | 95             | 125         | H        |
| 2      | * 5.147         | 51.82                | Pk  | 34.4           | -18.8                  | 0            | 67.42                      | -                      | -           | 74                  | -6.58          | 95             | 125         | H        |
| 3      | * 5.15          | 36.62                | RMS | 34.4           | -18.8                  | .72          | 52.94                      | 54                     | -1.06       | -                   | -              | 95             | 125         | H        |
| 4      | * 5.146         | 37.15                | RMS | 34.4           | -18.8                  | .72          | 53.47                      | 54                     | -.53        | -                   | -              | 95             | 125         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 44.58                | Pk  | 34.4           | -18.8                  | 0            | 60.18                      | -                      | -           | 74                  | -13.82         | 125            | 158         | V        |
| 2      | * 5.147         | 49.58                | Pk  | 34.4           | -18.8                  | 0            | 65.18                      | -                      | -           | 74                  | -8.82          | 125            | 158         | V        |
| 3      | * 5.15          | 32.27                | RMS | 34.4           | -18.8                  | .72          | 48.59                      | 54                     | -5.41       | -                   | -              | 125            | 158         | V        |
| 4      | * 5.147         | 33.53                | RMS | 34.4           | -18.8                  | .72          | 49.85                      | 54                     | -4.15       | -                   | -              | 125            | 158         | V        |

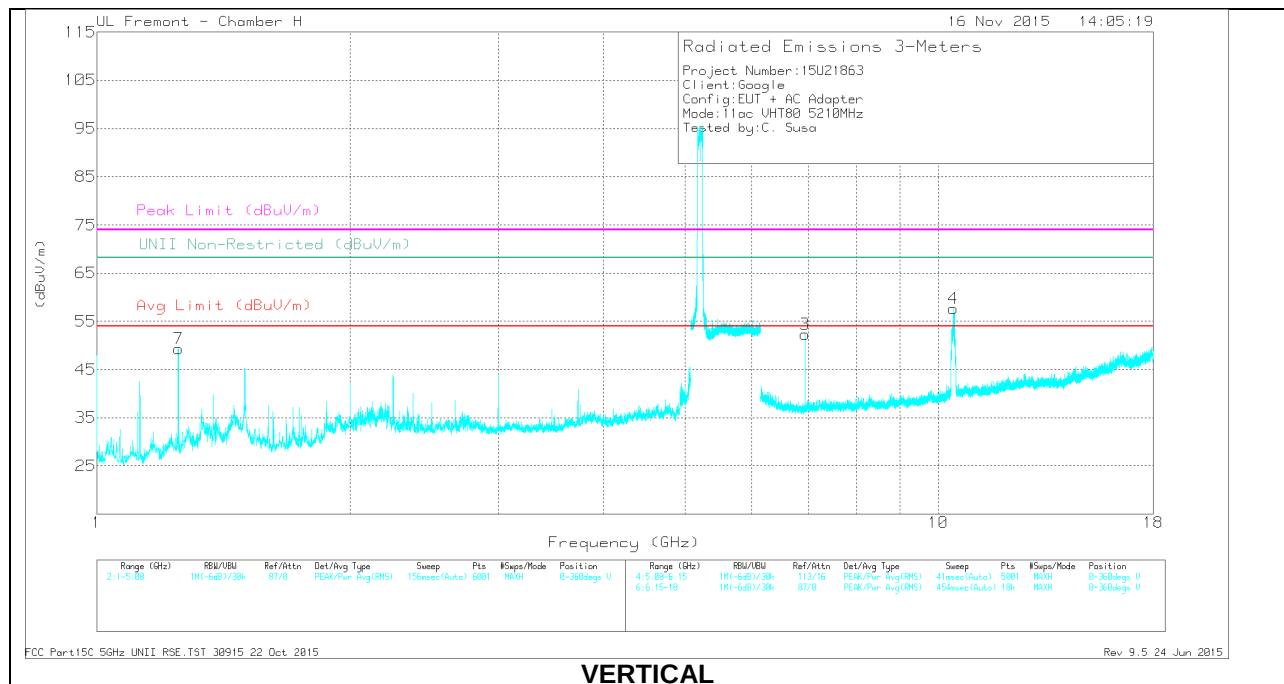
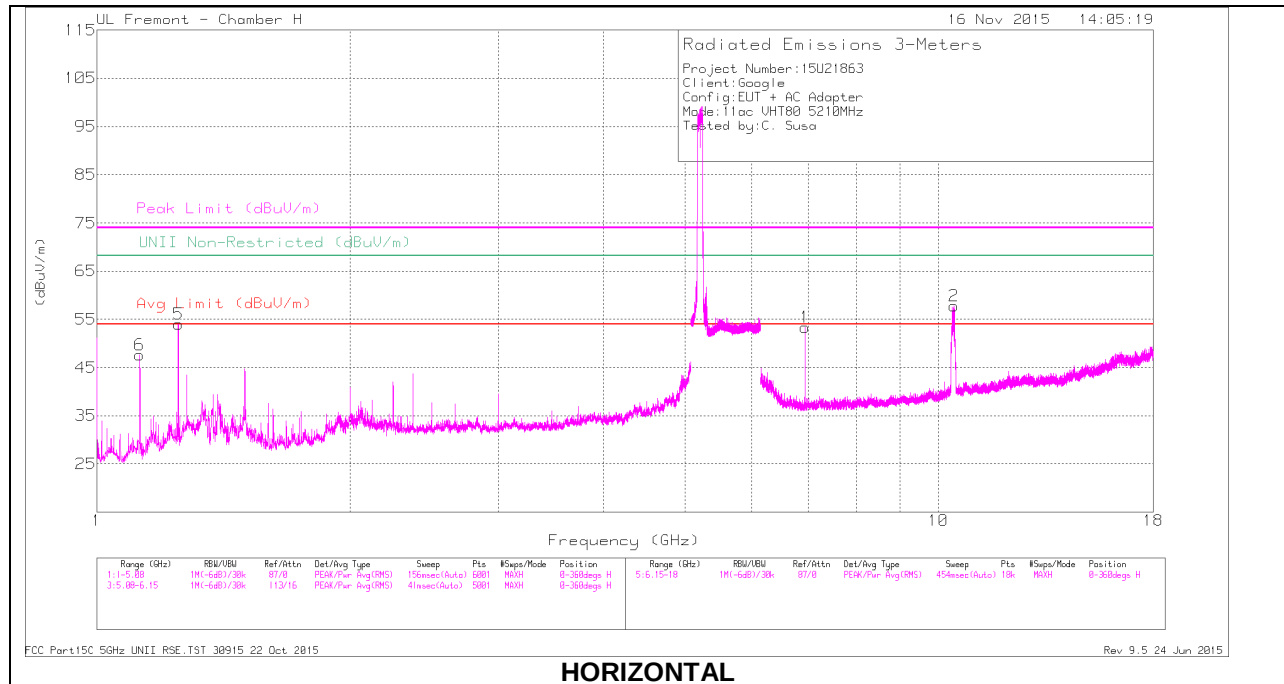
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



## MID CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/ Filt/ Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 5      | * 1.25          | 61.98                | PK-U | 28.5           | -34.5                   | 0            | 55.98                      | -                  | -           | 74                  | -18.02         | -                            | -              | 62             | 127         | H        |
|        | * 1.25          | 59.25                | ADR  | 28.5           | -34.5                   | .72          | 53.97                      | 54                 | -.03        | -                   | -              | -                            | -              | 62             | 127         | H        |
| 6      | * 1.125         | 58.44                | PK-U | 27.4           | -34.5                   | 0            | 51.34                      | -                  | -           | 74                  | -22.66         | -                            | -              | 313            | 268         | H        |
|        | * 1.125         | 54.09                | ADR  | 27.4           | -34.5                   | .72          | 47.71                      | 54                 | -6.29       | -                   | -              | -                            | -              | 313            | 268         | H        |
| 7      | * 1.25          | 59.86                | PK-U | 28.5           | -34.5                   | 0            | 53.86                      | -                  | -           | 74                  | -20.14         | -                            | -              | 293            | 279         | V        |
|        | * 1.25          | 57.69                | ADR  | 28.5           | -34.5                   | .72          | 52.41                      | 54                 | -1.59       | -                   | -              | -                            | -              | 293            | 279         | V        |
| 1      | 6.947           | 49.51                | PK-U | 35.8           | -29.4                   | 0            | 55.91                      | -                  | -           | -                   | -              | 68.2                         | -12.29         | 110            | 107         | H        |
| 3      | 6.947           | 48.2                 | PK-U | 35.8           | -29.4                   | 0            | 54.6                       | -                  | -           | -                   | -              | 68.2                         | -13.6          | 139            | 208         | V        |
| 2      | 10.436          | 53.01                | PK-U | 37.4           | -25.1                   | 0            | 65.31                      | -                  | -           | -                   | -              | 68.2                         | -2.89          | 256            | 109         | H        |
| 4      | 10.44           | 53.77                | PK-U | 37.4           | -25                     | 0            | 66.17                      | -                  | -           | -                   | -              | 68.2                         | -2.03          | 319            | 194         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

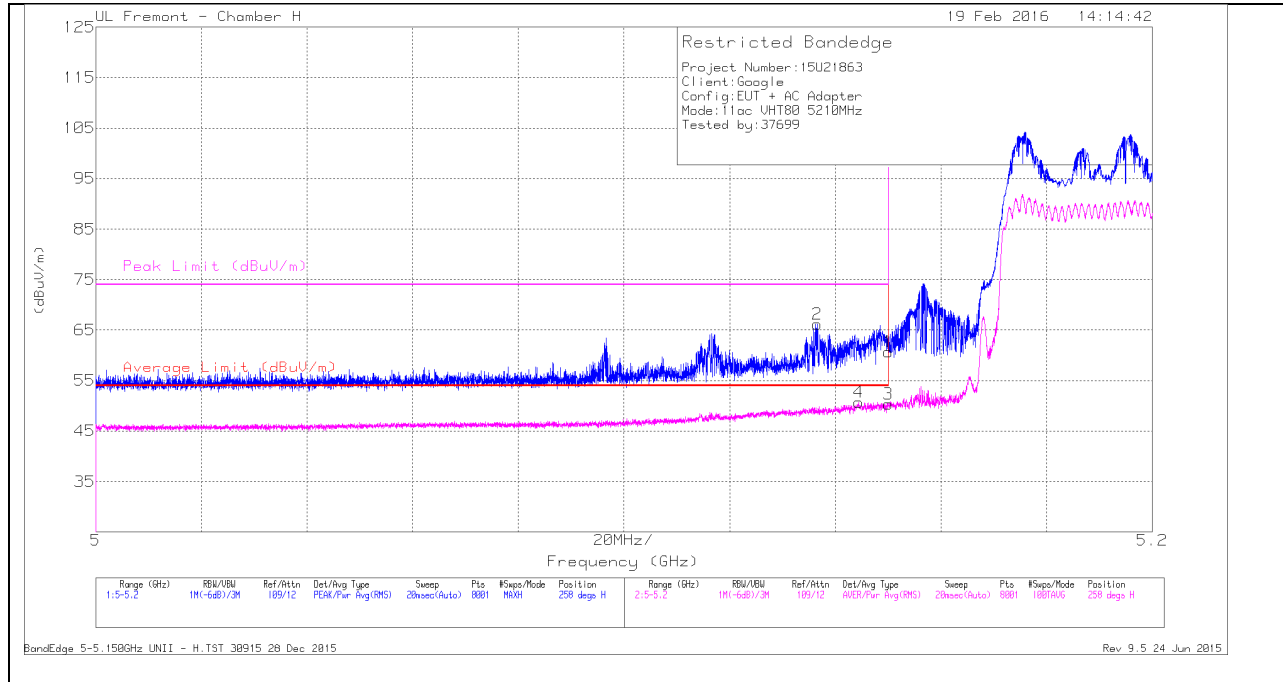
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**4Tx 1 STREAM CDD MODE**

**RESTRICTED BANDEDGE**

**HORIZONTAL RESULTS**



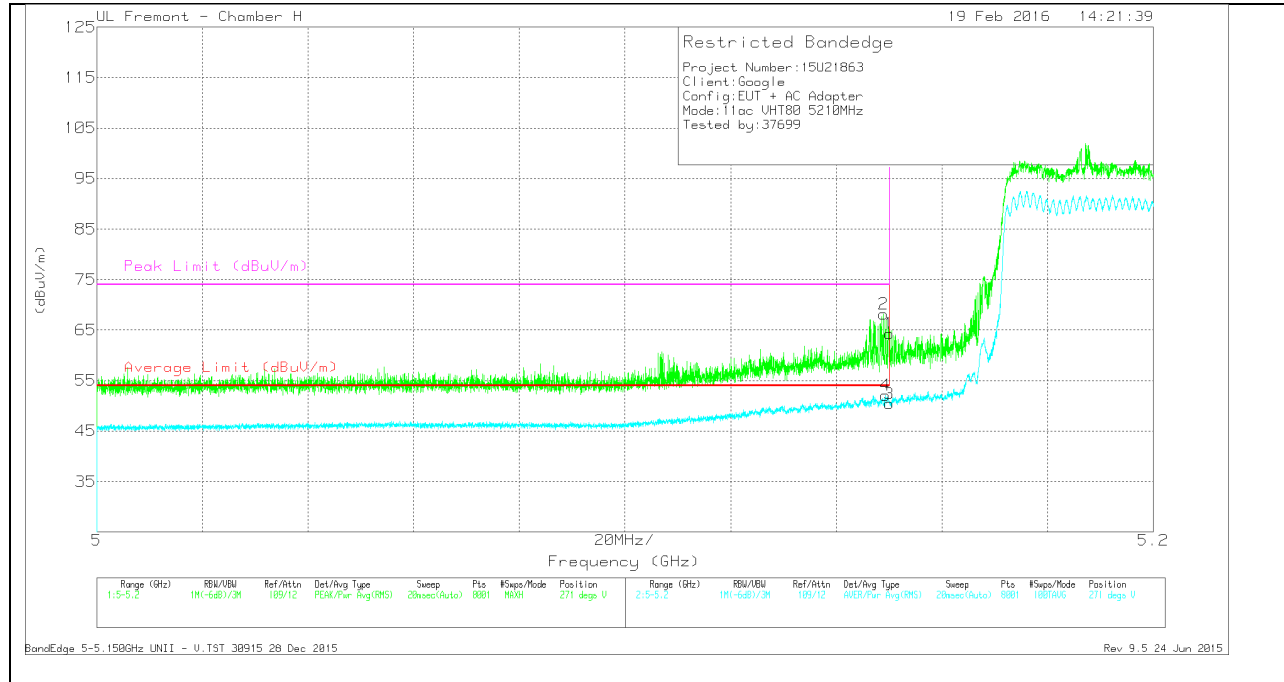
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.137         | 50.23                | Pk  | 34.4           | -18.4                  | 0            | 66.23                      | -                      | -           | 74                  | -7.77          | 258            | 110         | H        |
| 4      | * 5.144         | 34.5                 | RMS | 34.4           | -18.4                  | .25          | 50.75                      | 54                     | -3.25       | -                   | -              | 258            | 110         | H        |
| 1      | * 5.15          | 44.77                | Pk  | 34.4           | -18.5                  | 0            | 60.67                      | -                      | -           | 74                  | -13.33         | 258            | 110         | H        |
| 3      | * 5.15          | 34.19                | RMS | 34.4           | -18.5                  | .25          | 50.34                      | 54                     | -3.66       | -                   | -              | 258            | 110         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 48.45                | Pk  | 34.4           | -18.5                  | 0            | 64.35                      | -                      | -           | 74                  | -9.65          | 271            | 115         | V        |
| 2      | * 5.149         | 52.28                | Pk  | 34.4           | -18.5                  | 0            | 68.18                      | -                      | -           | 74                  | -5.82          | 271            | 115         | V        |
| 3      | * 5.15          | 34.26                | RMS | 34.4           | -18.5                  | .25          | 50.41                      | 54                     | -3.59       | -                   | -              | 271            | 115         | V        |
| 4      | * 5.149         | 35.95                | RMS | 34.4           | -18.5                  | .25          | 52.1                       | 54                     | -1.9        | -                   | -              | 271            | 115         | V        |

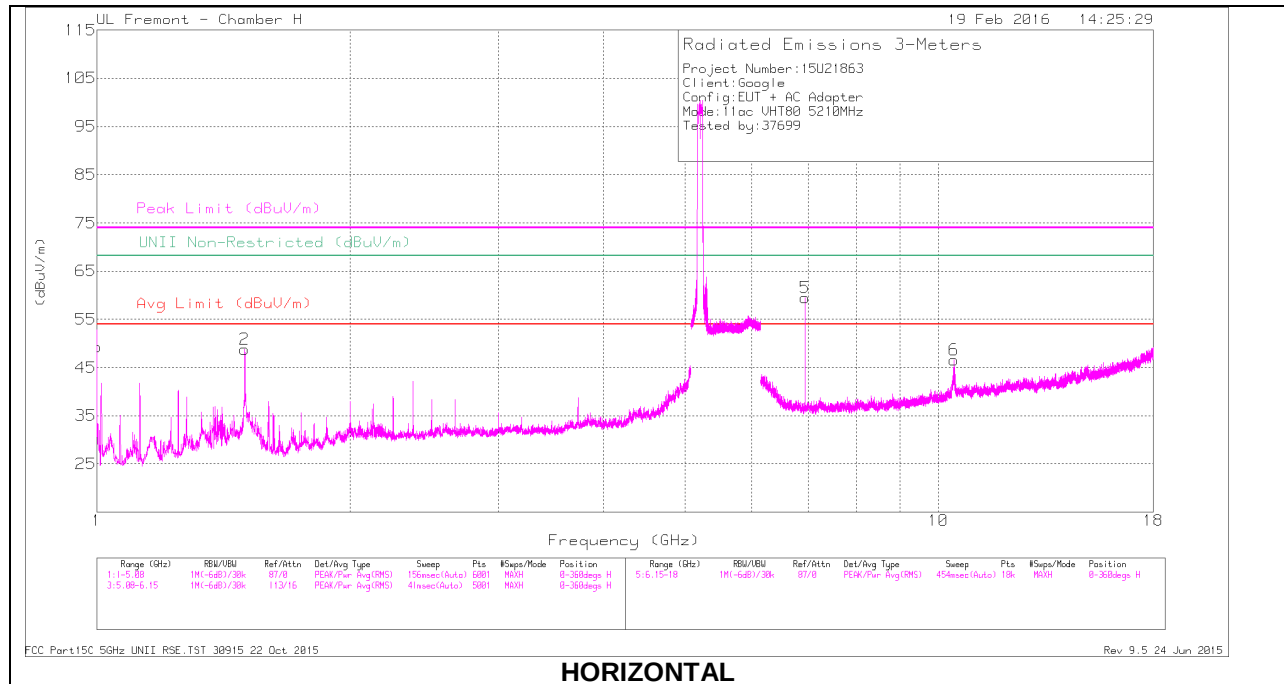
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

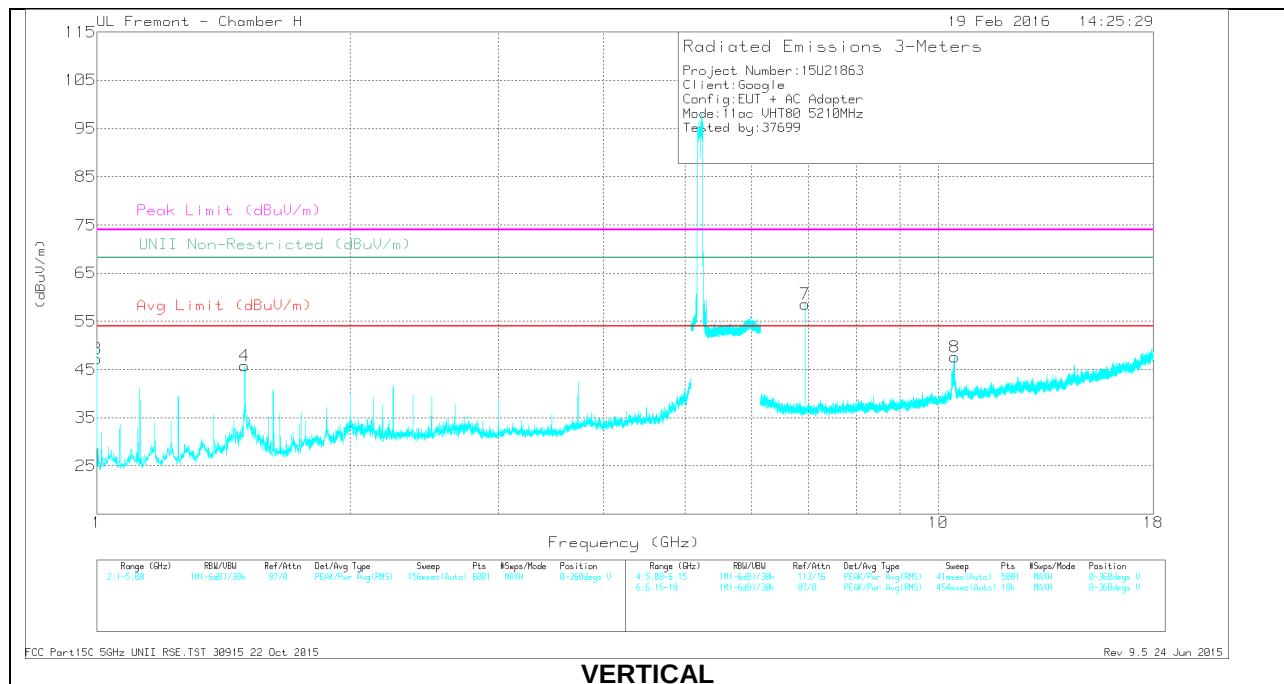
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

## MID CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cb/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.19                | PK-U | 27             | -34.2                 | 0            | 54.99                      | -                  | -           | 74                  | -19.01         | -                            | -              | 271            | 180         | H        |
|        | * 1             | 58.67                | ADR  | 27             | -34.2                 | .25          | 51.72                      | 54                 | -2.28       | -                   | -              | -                            | -              | 271            | 180         | H        |
| 2      | * 1.5           | 57.84                | PK-U | 28.1           | -34.3                 | 0            | 51.64                      | -                  | -           | 74                  | -22.36         | -                            | -              | 263            | 187         | H        |
|        | * 1.5           | 54.24                | ADR  | 28.1           | -34.3                 | .25          | 48.29                      | 54                 | -5.71       | -                   | -              | -                            | -              | 263            | 187         | H        |
| 3      | * 1             | 59.95                | PK-U | 27             | -34.2                 | 0            | 52.75                      | -                  | -           | 74                  | -21.25         | -                            | -              | 255            | 388         | V        |
|        | * 1             | 57.87                | ADR  | 27             | -34.2                 | .25          | 50.92                      | 54                 | -3.08       | -                   | -              | -                            | -              | 255            | 388         | V        |
| 4      | * 1.5           | 57.77                | PK-U | 28.1           | -34.3                 | 0            | 51.57                      | -                  | -           | 74                  | -22.43         | -                            | -              | 82             | 194         | V        |
|        | * 1.5           | 49.68                | ADR  | 28.1           | -34.3                 | .25          | 43.73                      | 54                 | -10.27      | -                   | -              | -                            | -              | 82             | 194         | V        |
| 5      | 6.947           | 53.53                | PK-U | 35.8           | -27.6                 | 0            | 61.73                      | -                  | -           | -                   | -              | 68.2                         | -6.47          | 157            | 222         | H        |
| 7      | 6.947           | 49.49                | PK-U | 35.8           | -27.6                 | 0            | 57.69                      | -                  | -           | -                   | -              | 68.2                         | -10.51         | 209            | 227         | V        |
| 6      | 10.441          | 39.6                 | PK-U | 37.4           | -23.5                 | 0            | 53.5                       | -                  | -           | -                   | -              | 68.2                         | -14.7          | 132            | 114         | V        |
| 8      | 10.443          | 38.01                | PK-U | 37.4           | -23.5                 | 0            | 51.91                      | -                  | -           | -                   | -              | 68.2                         | -16.29         | 210            | 232         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

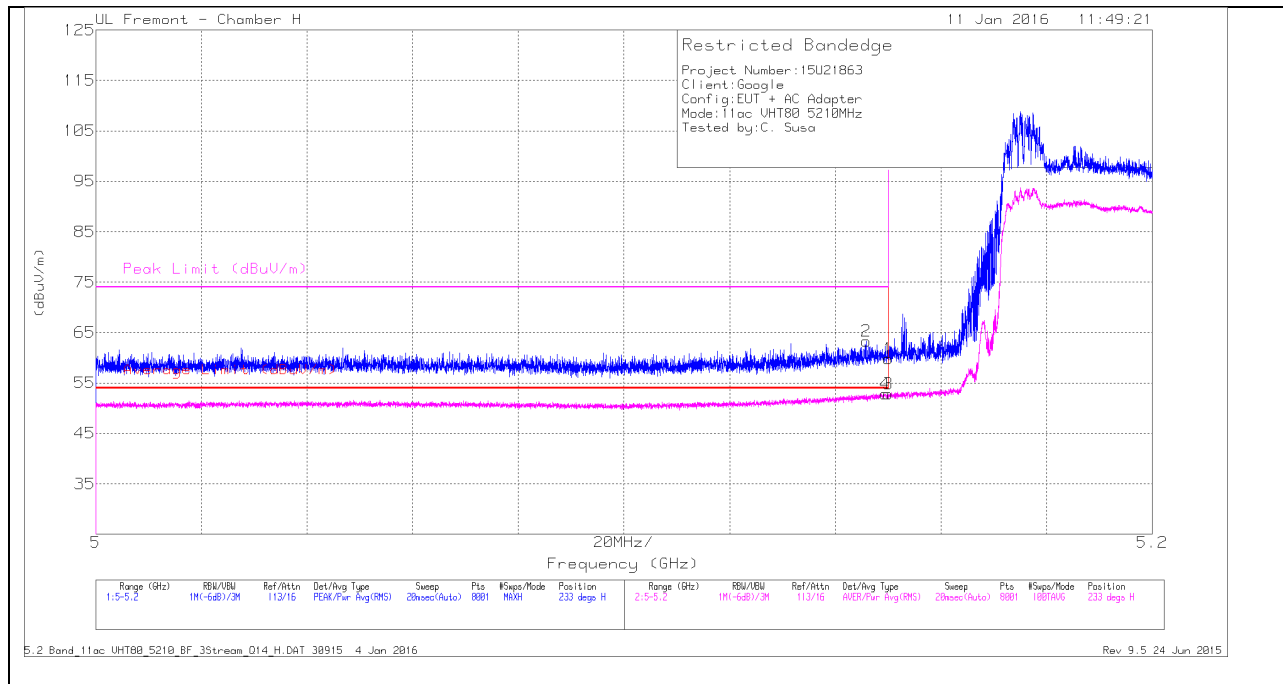
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**4Tx 3 STREAM BF MODE**

**RESTRICTED BANDEDGE**

**HORIZONTAL RESULTS**



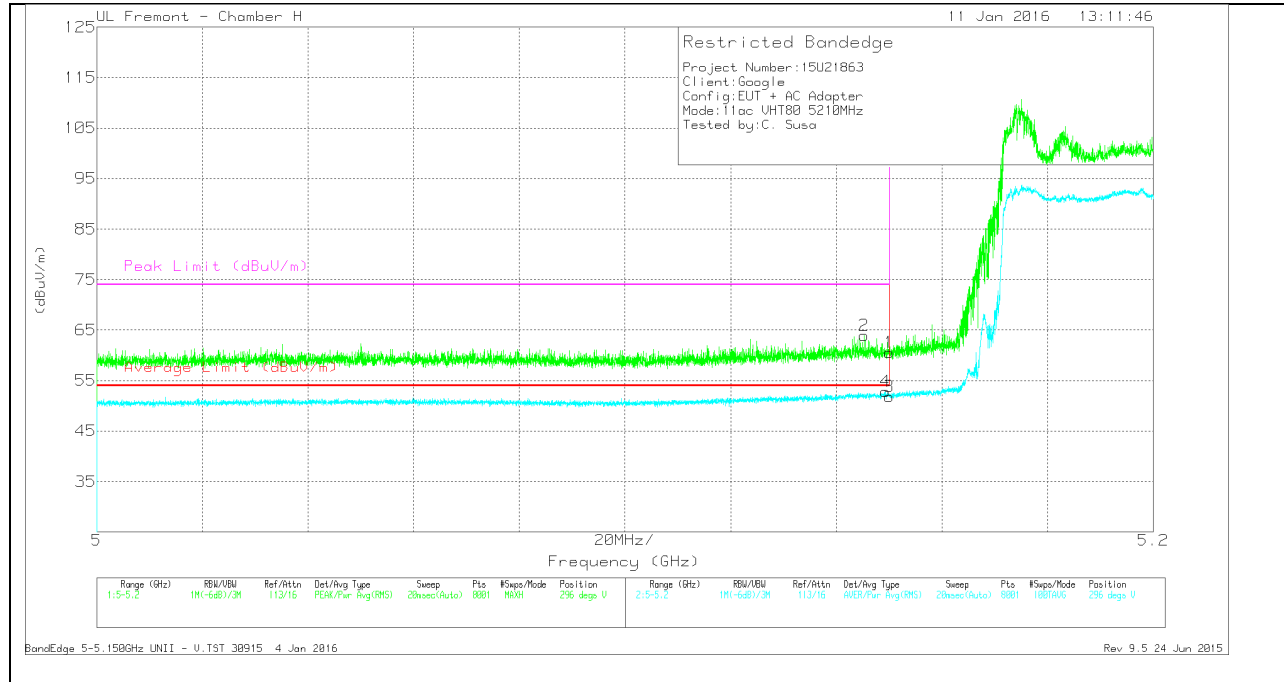
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dBm) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 43.95                | Pk  | 34.4          | -18.5                  | 0            | 59.85                      | -                      | -           | 74                  | -14.15         | 233            | 369         | H        |
| 2      | * 5.146         | 47.33                | Pk  | 34.4          | -18.4                  | 0            | 63.33                      | -                      | -           | 74                  | -10.67         | 233            | 369         | H        |
| 3      | * 5.15          | 36.28                | RMS | 34.4          | -18.5                  | .65          | 52.83                      | 54                     | -1.17       | -                   | -              | 233            | 369         | H        |
| 4      | * 5.149         | 36.28                | RMS | 34.4          | -18.5                  | .65          | 52.83                      | 54                     | -1.17       | -                   | -              | 233            | 369         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.145         | 47.92                | Pk  | 34.4           | -18.4                  | 0            | 63.92                      | -                      | -           | 74                  | -10.08         | 296            | 154         | V        |
| 4      | * 5.149         | 36.29                | RMS | 34.4           | -18.5                  | .65          | 52.84                      | 54                     | -1.16       | -                   | -              | 296            | 154         | V        |
| 1      | * 5.15          | 44.66                | Pk  | 34.4           | -18.5                  | 0            | 60.56                      | -                      | -           | 74                  | -13.44         | 296            | 154         | V        |
| 3      | * 5.15          | 35.33                | RMS | 34.4           | -18.5                  | .65          | 51.88                      | 54                     | -2.12       | -                   | -              | 296            | 154         | V        |

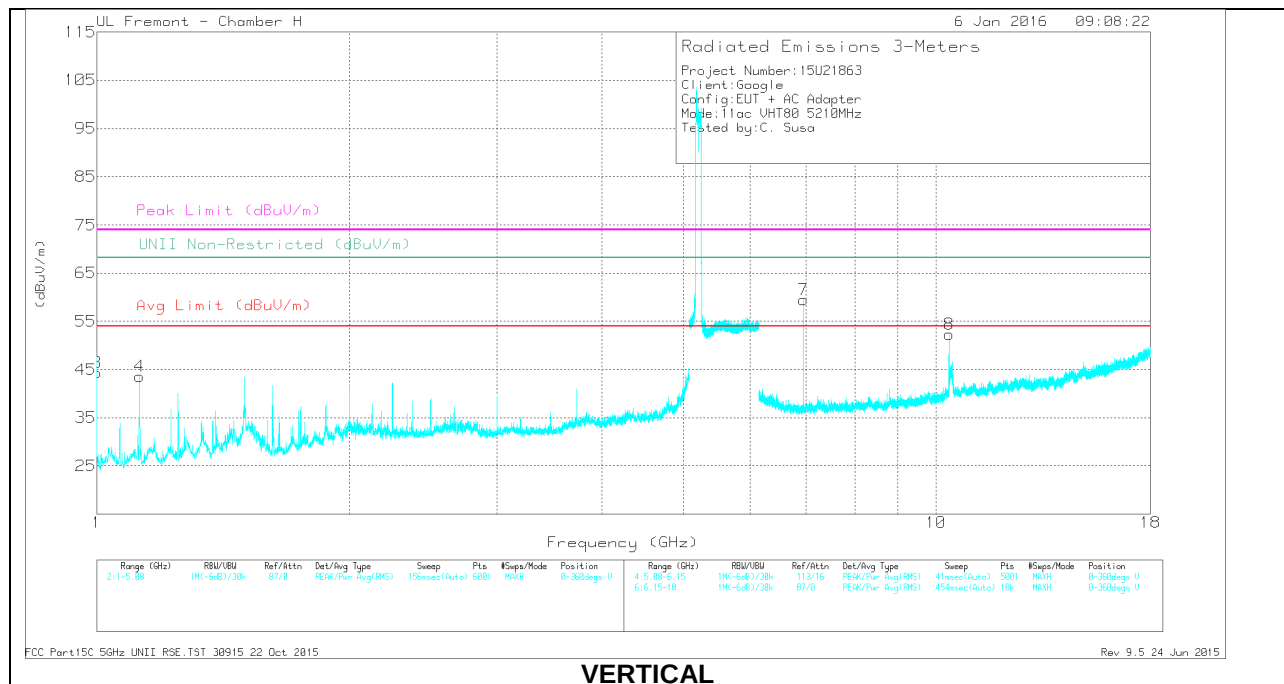
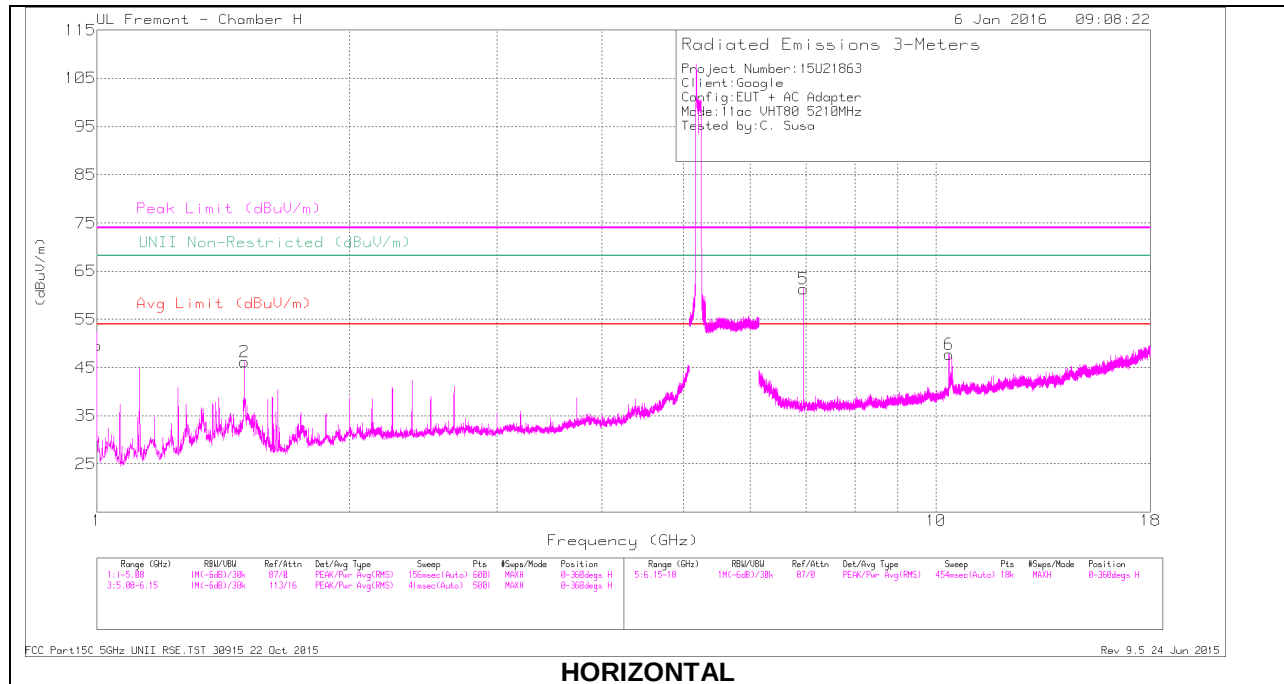
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



## MID CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cb/F Itr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.04                | PK-U | 27             | -34.2                 | 0            | 54.84                      | -                  | -           | 74                  | -19.16         | -                            | -              | 59             | 169         | H        |
|        | * 1             | 58.2                 | ADR  | 27             | -34.2                 | .65          | 51.65                      | 54                 | -2.35       | -                   | -              | -                            | -              | 59             | 169         | H        |
| 2      | * 1.5           | 58.43                | PK-U | 28.1           | -34.3                 | 0            | 52.23                      | -                  | -           | 74                  | -21.77         | -                            | -              | 304            | 171         | H        |
|        | * 1.5           | 50.18                | ADR  | 28.1           | -34.3                 | .65          | 44.63                      | 54                 | -9.37       | -                   | -              | -                            | -              | 304            | 171         | H        |
| 3      | * 1             | 58.02                | PK-U | 27             | -34.2                 | 0            | 50.82                      | -                  | -           | 74                  | -23.18         | -                            | -              | 31             | 243         | V        |
|        | * 1             | 55.33                | ADR  | 27             | -34.2                 | .65          | 48.78                      | 54                 | -5.22       | -                   | -              | -                            | -              | 31             | 243         | V        |
| 4      | * 1.125         | 54.87                | PK-U | 27.4           | -34.4                 | 0            | 47.87                      | -                  | -           | 74                  | -26.13         | -                            | -              | 345            | 339         | V        |
|        | * 1.125         | 51.92                | ADR  | 27.4           | -34.4                 | .65          | 45.57                      | 54                 | -8.43       | -                   | -              | -                            | -              | 345            | 339         | V        |
| 5      | 6.947           | 53.24                | PK-U | 35.8           | -27.6                 | 0            | 61.44                      | -                  | -           | -                   | -              | 68.2                         | -6.76          | 266            | 371         | H        |
| 7      | 6.947           | 52.28                | PK-U | 35.8           | -27.6                 | 0            | 60.48                      | -                  | -           | -                   | -              | 68.2                         | -7.72          | 20             | 333         | V        |
| 8      | 10.354          | 45.02                | PK-U | 37.2           | -23.2                 | 0            | 59.02                      | -                  | -           | -                   | -              | 68.2                         | -9.18          | 281            | 274         | V        |
| 6      | 10.361          | 44.63                | PK-U | 37.2           | -23.4                 | 0            | 58.43                      | -                  | -           | -                   | -              | 68.2                         | -9.77          | 335            | 215         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

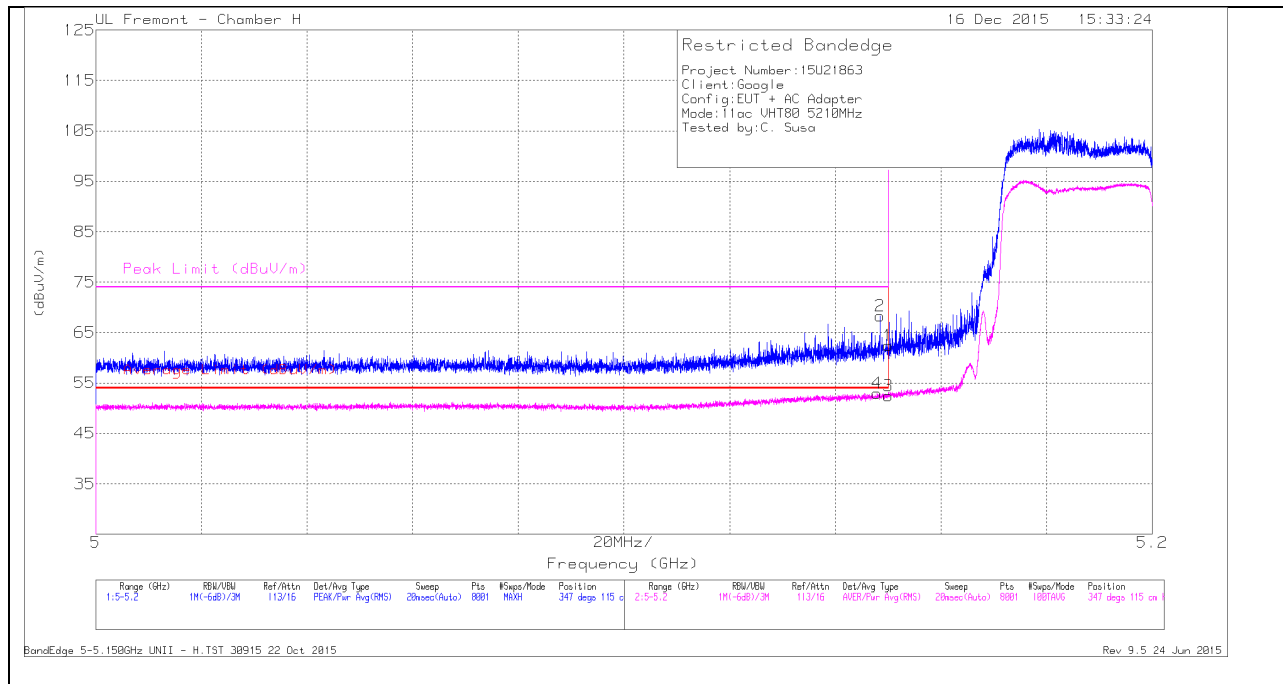
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**4Tx 1 STREAM BF MODE**

**RESTRICTED BANDEGE**

**HORIZONTAL RESULTS**



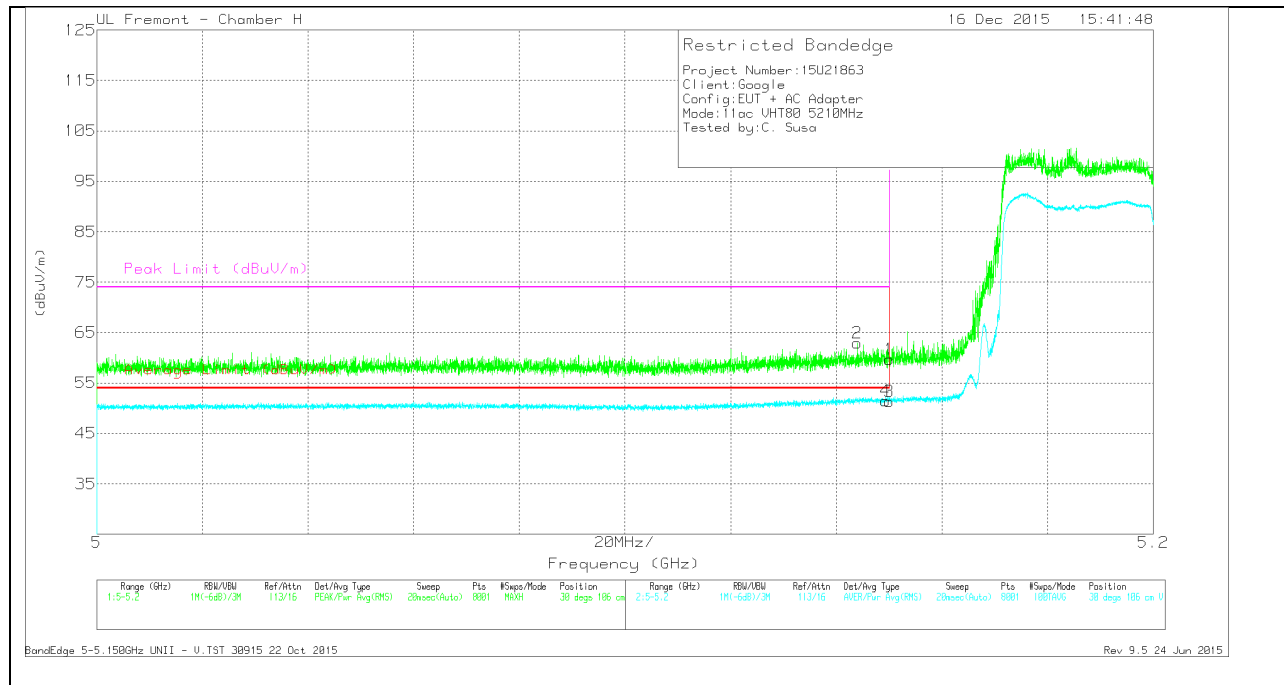
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.148         | 52.72                | Pk  | 34.4           | -18.8                  | 0            | 68.32                      | -                      | -           | 74                  | -5.68          | 347            | 115         | H        |
| 4      | * 5.148         | 36.63                | RMS | 34.4           | -18.8                  | .72          | 52.95                      | 54                     | -1.05       | -                   | -              | 347            | 115         | H        |
| 1      | * 5.15          | 46.86                | Pk  | 34.4           | -18.8                  | 0            | 62.46                      | -                      | -           | 74                  | -11.54         | 347            | 115         | H        |
| 3      | * 5.15          | 36.17                | RMS | 34.4           | -18.8                  | .72          | 52.49                      | 54                     | -1.51       | -                   | -              | 347            | 115         | H        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/FI tr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 5.144         | 47.36                | Pk  | 34.4           | -18.8                  | 0            | 62.96                      | -                      | -           | 74                  | -11.04         | 30             | 106         | V        |
| 4      | * 5.149         | 35.83                | RMS | 34.4           | -18.8                  | .82          | 52.25                      | 54                     | -1.75       | -                   | -              | 30             | 106         | V        |
| 1      | * 5.15          | 44.08                | Pk  | 34.4           | -18.8                  | 0            | 59.68                      | -                      | -           | 74                  | -14.32         | 30             | 106         | V        |
| 3      | * 5.15          | 35.69                | RMS | 34.4           | -18.8                  | .82          | 52.11                      | 54                     | -1.89       | -                   | -              | 30             | 106         | V        |

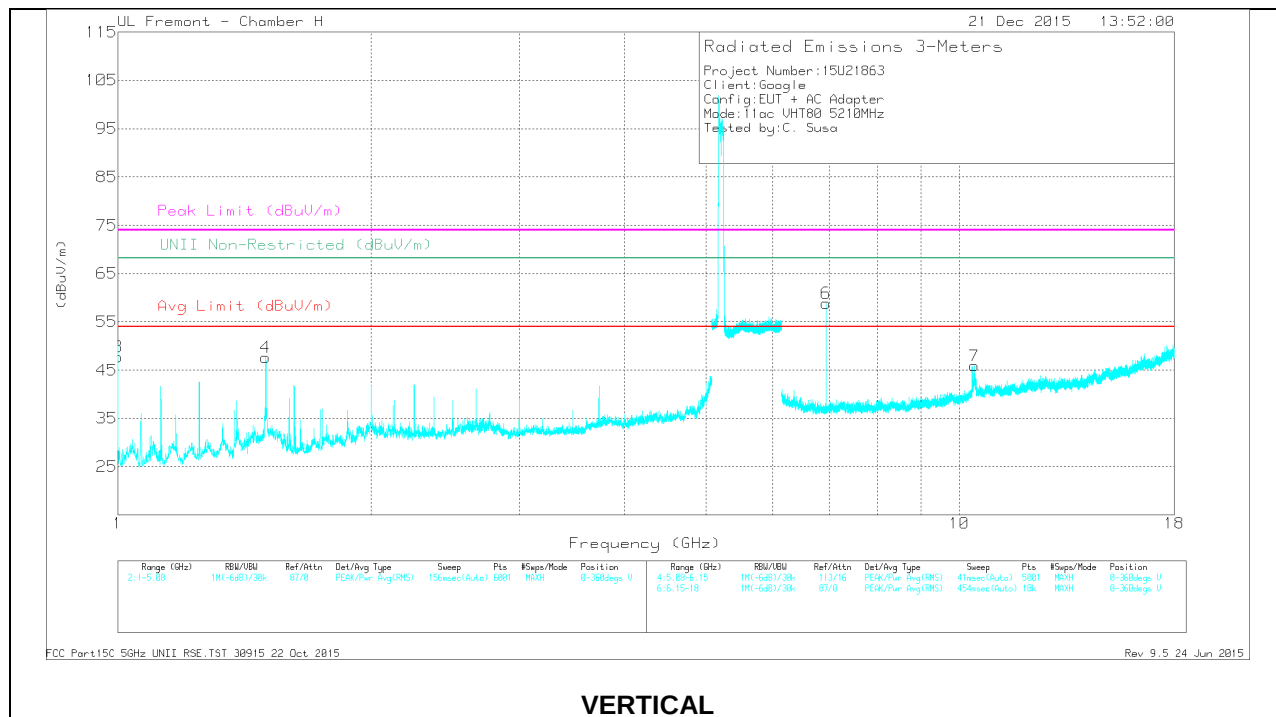
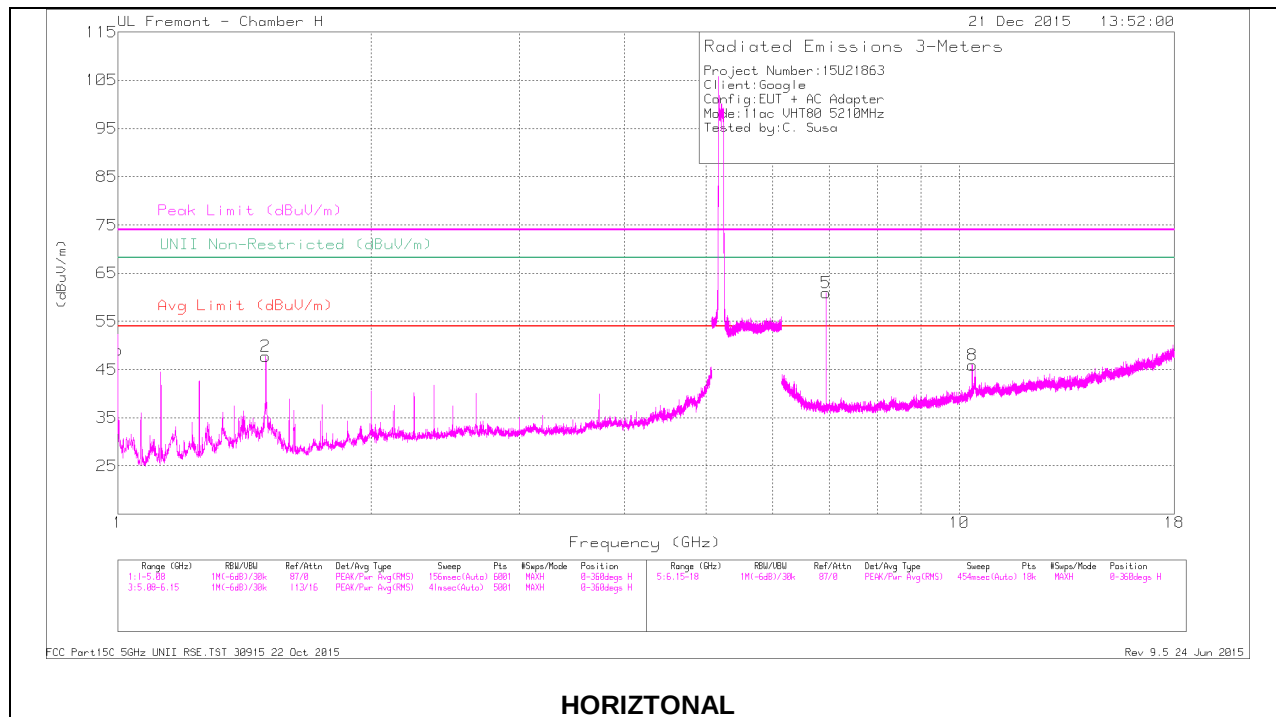
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



## MID CHANNEL DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF T863 (dB/m) | Amp/Cbl/F ltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1             | 62.48                | PK-U | 27             | -34.2                  | 0            | 55.28                      | -                  | -           | 74                  | -18.72         | -                            | -              | 53             | 169         | H        |
|        | * 1             | 57.48                | ADR  | 27             | -34.2                  | .82          | 51.1                       | 54                 | -2.9        | -                   | -              | -                            | -              | 53             | 169         | H        |
| 2      | * 1.5           | 58.77                | PK-U | 28.1           | -34.3                  | 0            | 52.57                      | -                  | -           | 74                  | -21.43         | -                            | -              | 287            | 129         | H        |
|        | * 1.5           | 53.81                | ADR  | 28.1           | -34.3                  | .82          | 48.43                      | 54                 | -5.57       | -                   | -              | -                            | -              | 287            | 129         | H        |
| 3      | * 1             | 60.55                | PK-U | 27             | -34.2                  | 0            | 53.35                      | -                  | -           | 74                  | -20.65         | -                            | -              | 22             | 219         | V        |
|        | * 1             | 56.94                | ADR  | 27             | -34.2                  | .82          | 50.56                      | 54                 | -3.44       | -                   | -              | -                            | -              | 22             | 219         | V        |
| 4      | * 1.5           | 58.2                 | PK-U | 28.1           | -34.3                  | 0            | 52                         | -                  | -           | 74                  | -22            | -                            | -              | 286            | 231         | V        |
|        | * 1.5           | 52.36                | ADR  | 28.1           | -34.3                  | .82          | 46.98                      | 54                 | -7.02       | -                   | -              | -                            | -              | 286            | 231         | V        |
| 5      | 6.947           | 54.79                | PK-U | 35.8           | -27.6                  | 0            | 62.99                      | -                  | -           | -                   | -              | 68.2                         | -5.21          | 267            | 155         | H        |
| 6      | 6.947           | 52.54                | PK-U | 35.8           | -27.6                  | 0            | 60.74                      | -                  | -           | -                   | -              | 68.2                         | -7.46          | 339            | 239         | V        |
| 8      | 10.368          | 41.99                | PK-U | 37.2           | -23.4                  | 0            | 55.79                      | -                  | -           | -                   | -              | 68.2                         | -12.41         | 354            | 119         | H        |
| 7      | 10.42           | 37.81                | PK-U | 37.3           | -23.5                  | 0            | 51.61                      | -                  | -           | -                   | -              | 68.2                         | -16.59         | 128            | 140         | V        |

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

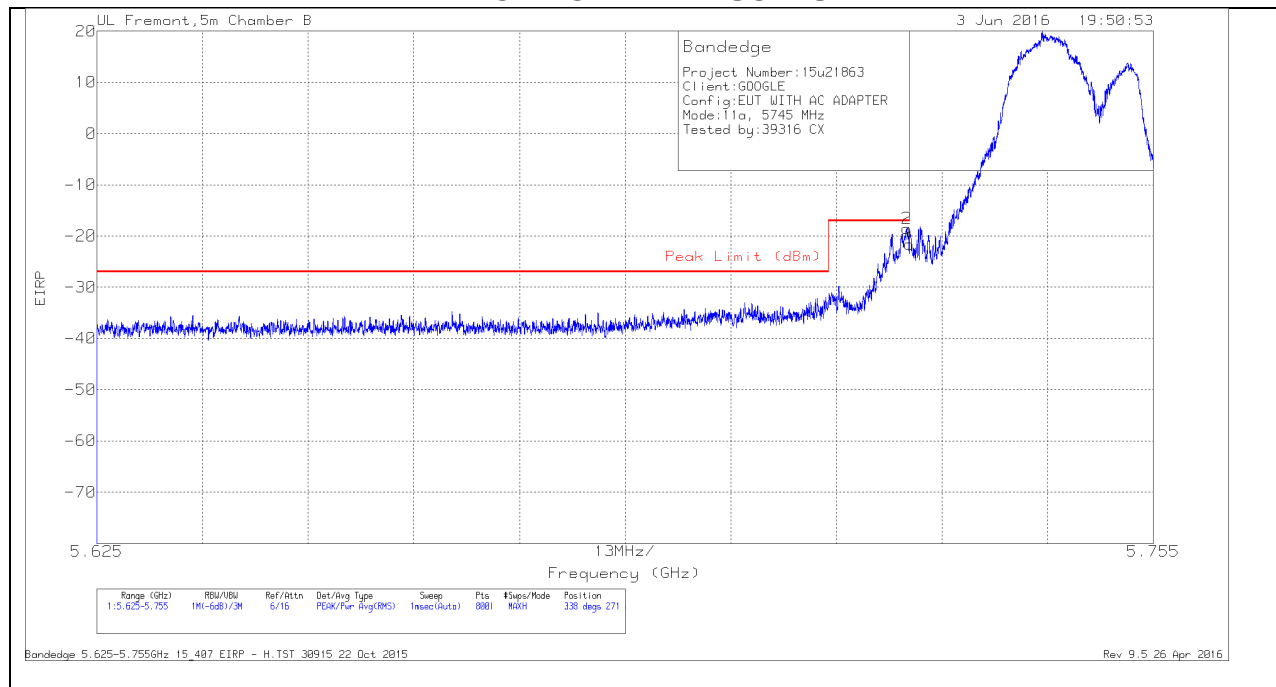
ADR - U-NII AD primary method, RMS average

### 5.1.5. 802.11a MODE IN THE 5.8GHz BAND

#### 4Tx 1 STREAM CDD MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL)

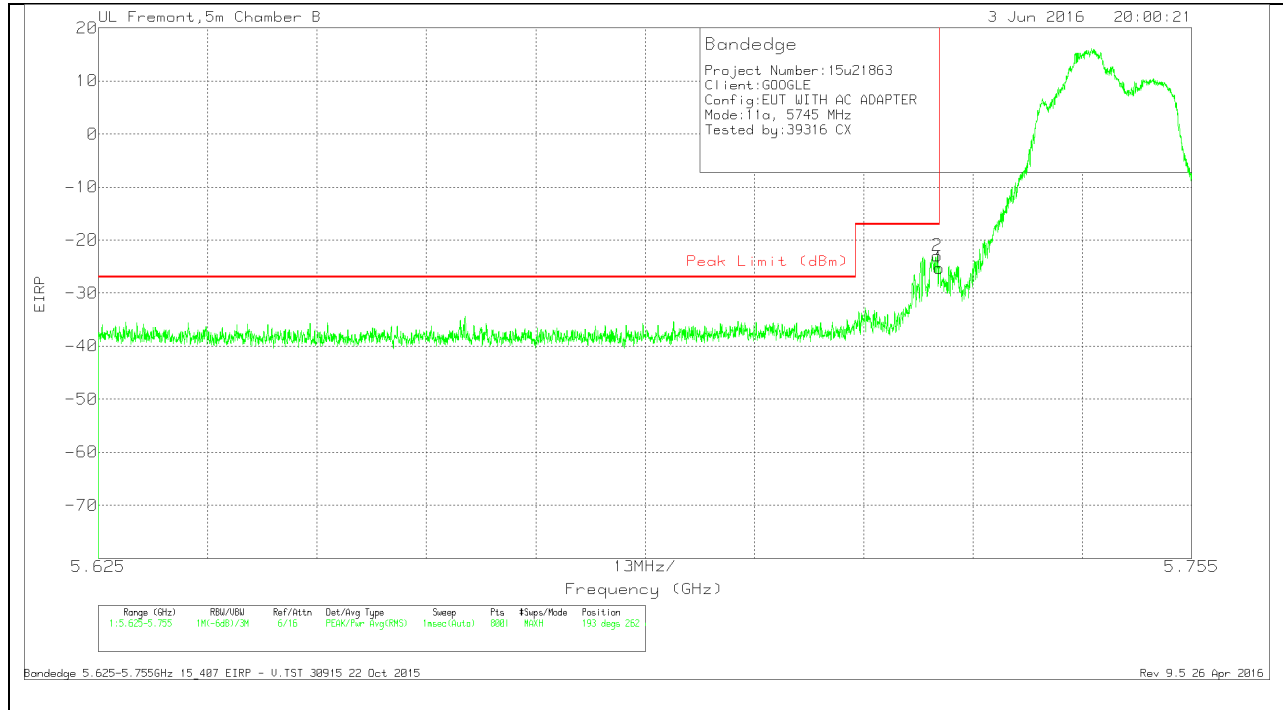
#### HORIZONTAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T345 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -46.64              | Pk  | 34.9           | -21.7                   | 11.8                   | -21.64                 | -17              | -4.64          | 338            | 271         | H        |
| 2      | 5.725           | -43.57              | Pk  | 34.9           | -21.7                   | 11.8                   | -18.57                 | -17              | -1.57          | 338            | 271         | H        |

Pk - Peak detector

## VERTICAL RESULTS

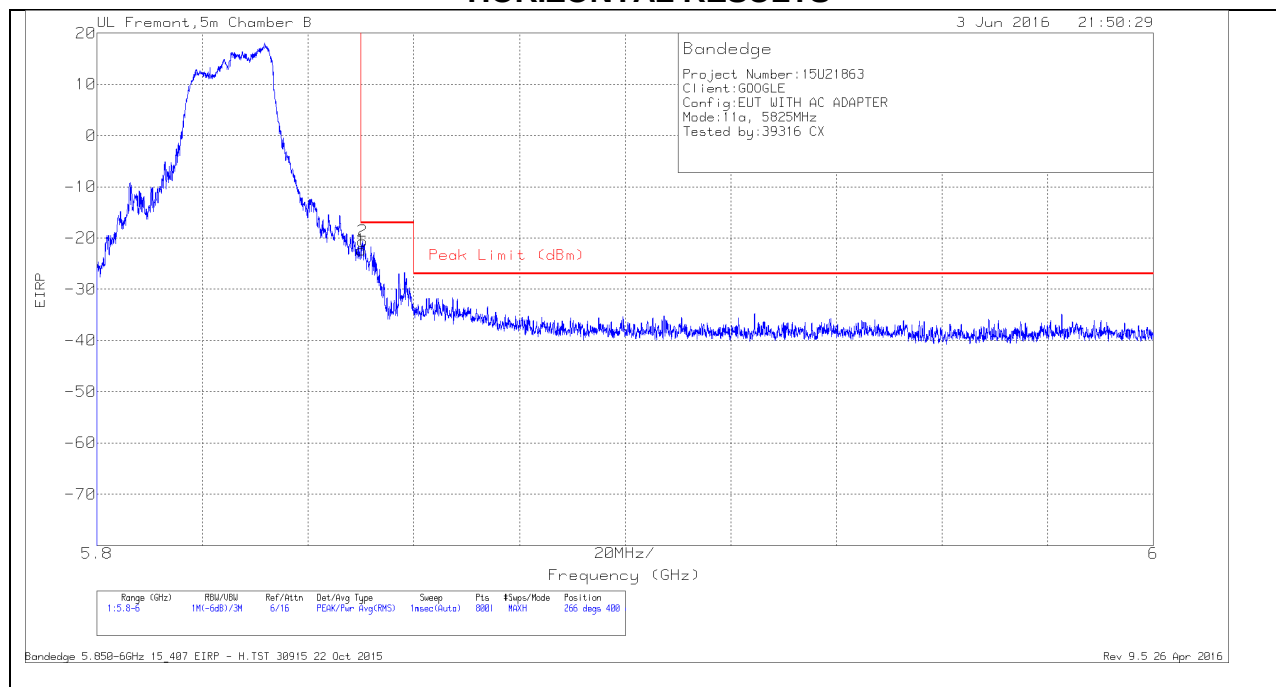


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T345 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -50.28              | Pk  | 34.9           | -21.7                  | 11.8                   | -25.28                 | -17              | -8.28          | 193            | 262         | V        |
| 2      | 5.725           | -47.94              | Pk  | 34.9           | -21.7                  | 11.8                   | -22.94                 | -17              | -5.94          | 193            | 262         | V        |

Pk - Peak detector

## AUTHORIZED BANDEDGE (HIGH CHANNEL)

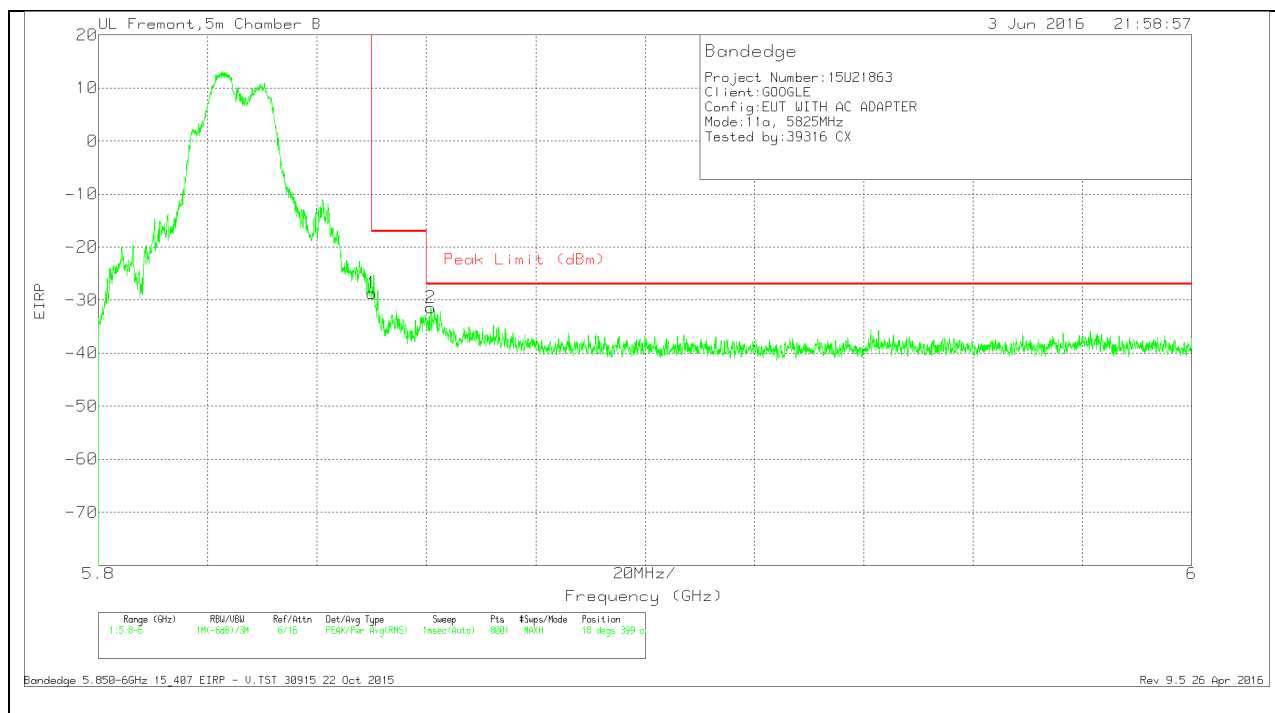
### HORIZONTAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T345 (dB/m) | Amp/Cbl/Filtr/P ad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -47.72              | Pk  | 35.2           | -21.6                   | 11.8                   | -22.32                 | -17              | -5.32          | 266            | 400         | H        |
| 2      | 5.85            | -46.02              | Pk  | 35.2           | -21.6                   | 11.8                   | -20.62                 | -17              | -3.62          | 266            | 400         | H        |

Pk - Peak detector

## VERTICAL RESULTS

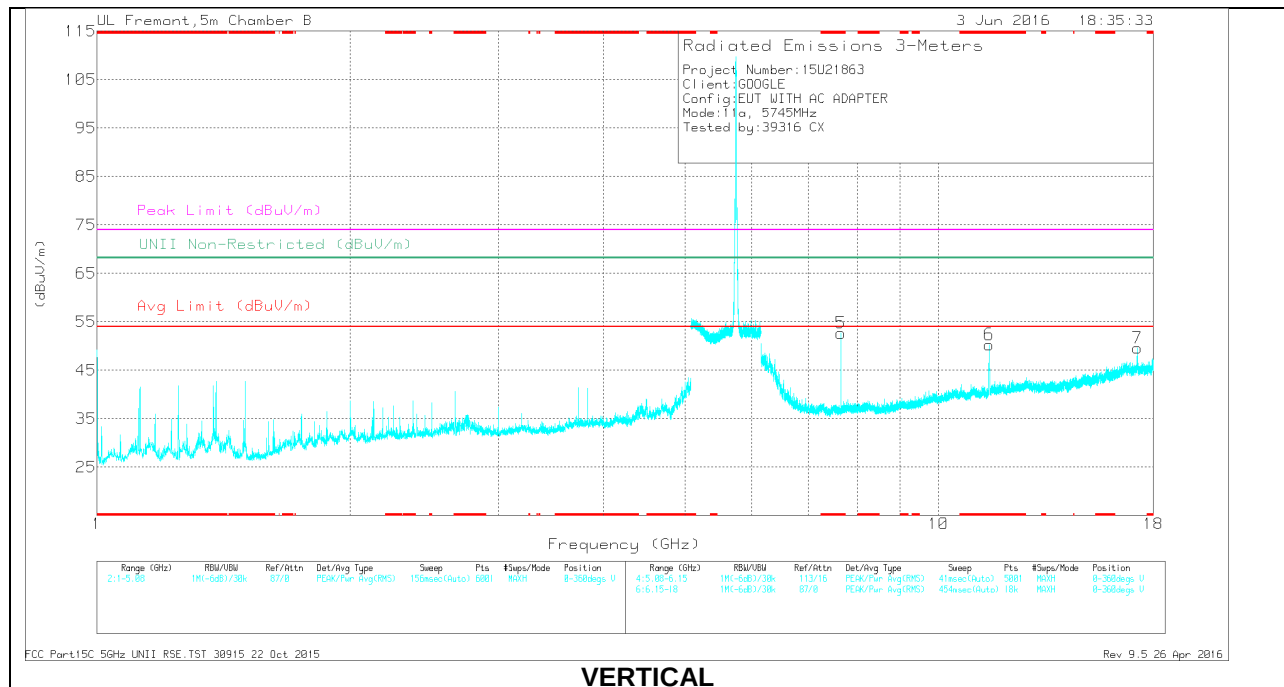
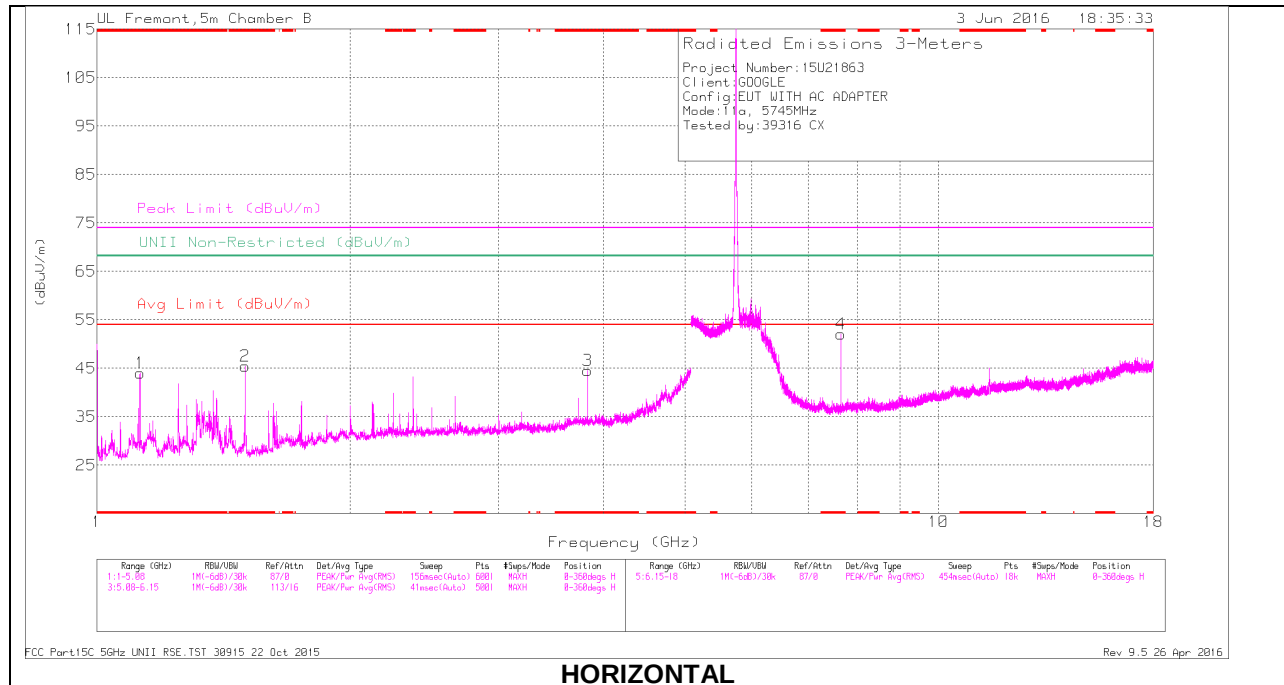


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T345 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85            | -54.15              | Pk  | 35.2           | -21.6                  | 11.8                   | -28.75                 | -17              | -11.75         | 18             | 399         | V        |
| 2      | 5.861           | -56.78              | Pk  | 35.2           | -21.6                  | 11.8                   | -31.38                 | -27              | -4.38          | 18             | 399         | V        |

Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



## LOW CHANNEL DATA

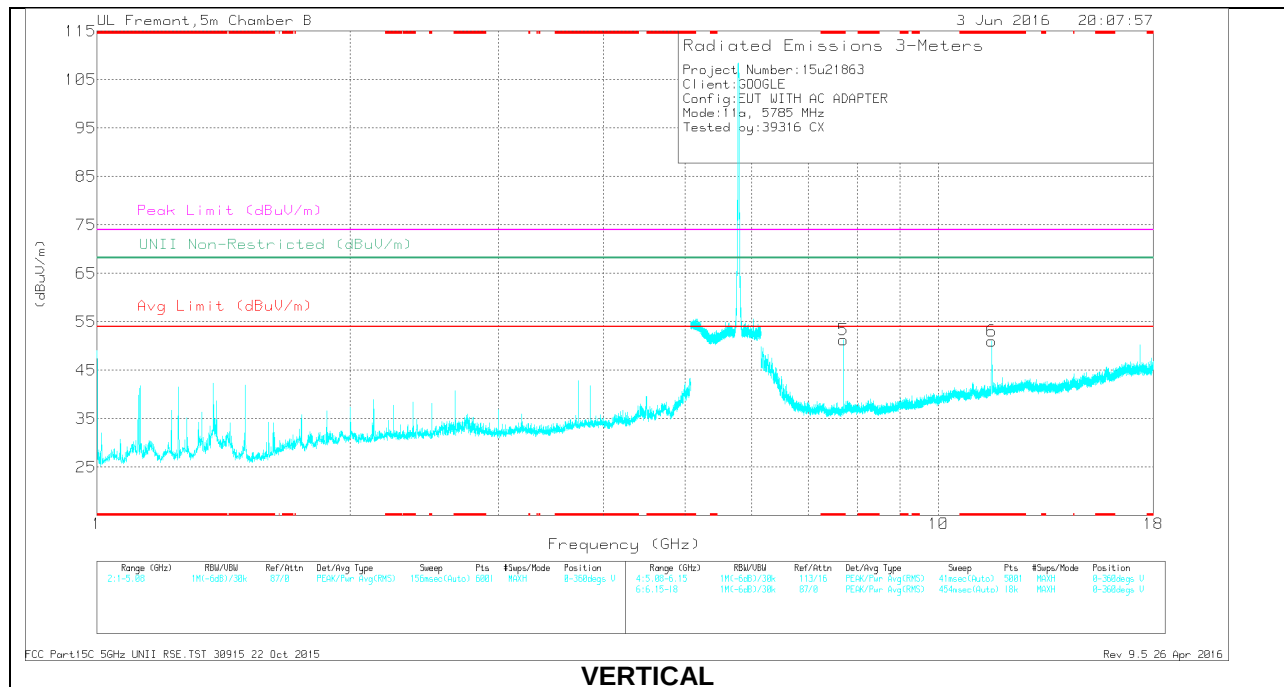
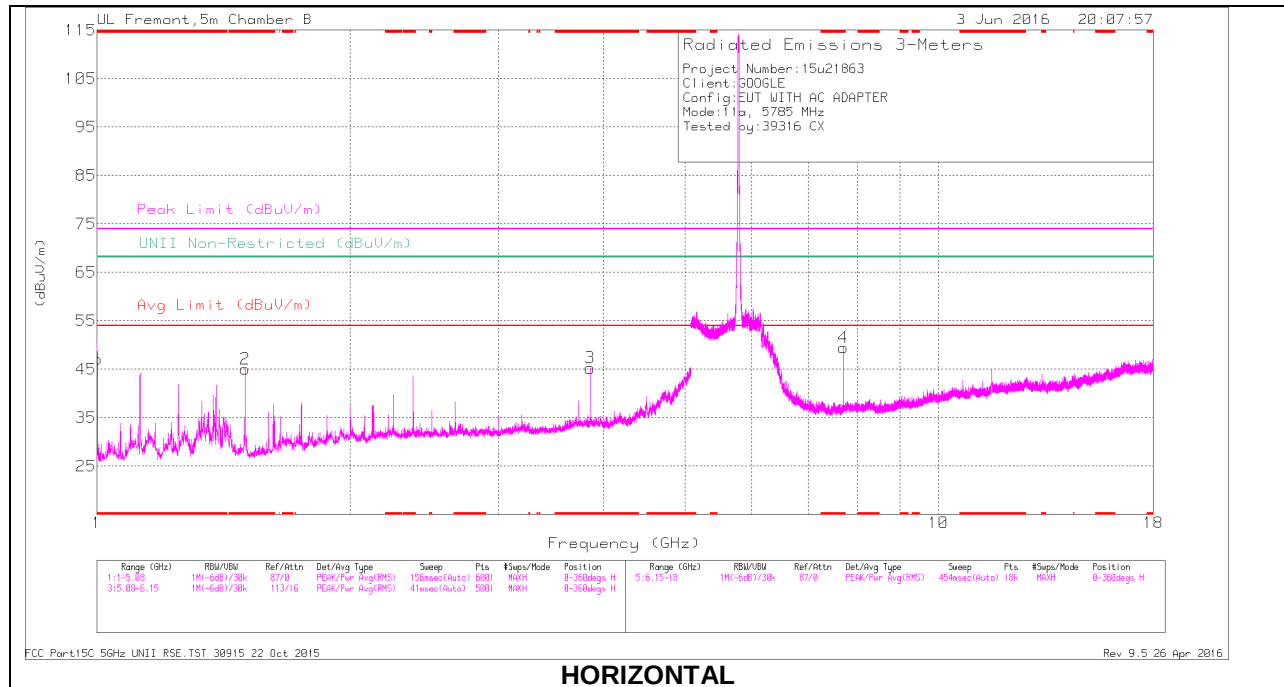
| Marker | Frequency (GHz) | Meas Reading (dBuV) | Det  | AF Y345 (dBm) | Amplifier Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Unl Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|------|---------------|--------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|----------------|-------------|----------|
| 1      | * 1.125         | 54.59               | PK-U | 28            | -35.5              | 0            | 47.09                      | -                  | -           | 74                  | -26.91         | -                           | -              | 326            | 319         | H        |
|        | * 1.125         | 52.67               | ADR  | 28            | -35.5              | .31          | 45.48                      | 54                 | -8.52       | -                   | -              | -                           | -              | 326            | 319         | H        |
| 2      | * 1.5           | 56.89               | PK-U | 27.8          | -35.6              | 0            | 48.09                      | -                  | -           | 74                  | -24.91         | -                           | -              | 62             | 305         | H        |
|        | * 1.5           | 54.32               | ADR  | 27.9          | -35.6              | .31          | 46.83                      | 54                 | -7.17       | -                   | -              | -                           | -              | 62             | 305         | H        |
| 3      | * 3.83          | 46.88               | PK-U | 33.4          | -33                | 0            | 47.29                      | -                  | -           | 74                  | -26.71         | -                           | -              | 146            | 258         | H        |
|        | * 3.83          | 42.99               | ADR  | 33.4          | -33                | .31          | 43.7                       | 54                 | -10.3       | -                   | -              | -                           | -              | 146            | 258         | H        |
| 4      | * 7.66          | 48.73               | PK-U | 35.7          | -30.2              | 0            | 54.23                      | -                  | -           | 74                  | -19.77         | -                           | -              | 172            | 103         | H        |
|        | * 7.66          | 46.42               | ADR  | 35.7          | -30.2              | .31          | 52.23                      | 54                 | -1.77       | -                   | -              | -                           | -              | 172            | 103         | H        |
| 6      | * 11.49         | 42.09               | PK-U | 38.3          | -25.8              | 0            | 54.59                      | -                  | -           | 74                  | -19.41         | -                           | -              | 114            | 106         | V        |
|        | * 11.49         | 33.32               | ADR  | 38.3          | -25.8              | .31          | 46.13                      | 54                 | -7.87       | -                   | -              | -                           | -              | 114            | 106         | V        |
| 7      | 17.233          | 40.09               | PK-U | 41.3          | -23.2              | 0            | 58.19                      | -                  | -           | -                   | -              | 68.2                        | -10.01         | 130            | 236         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## MID CHANNEL RESULTS



## MID CHANNEL DATA

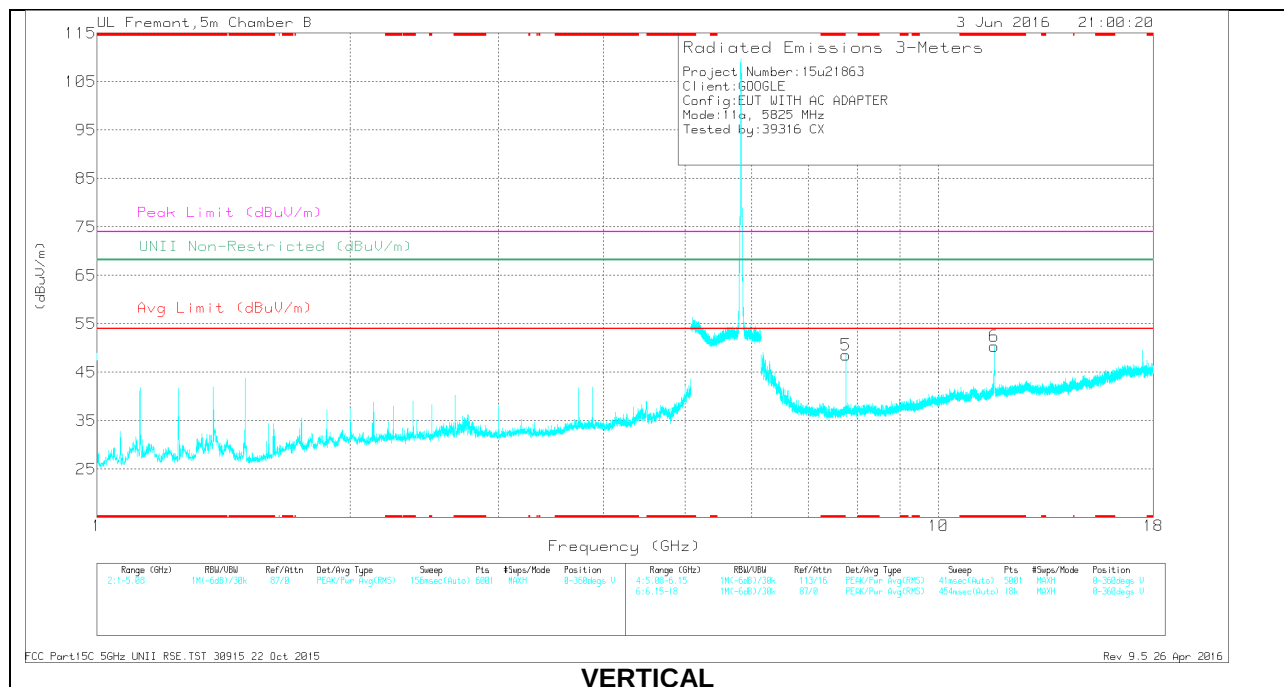
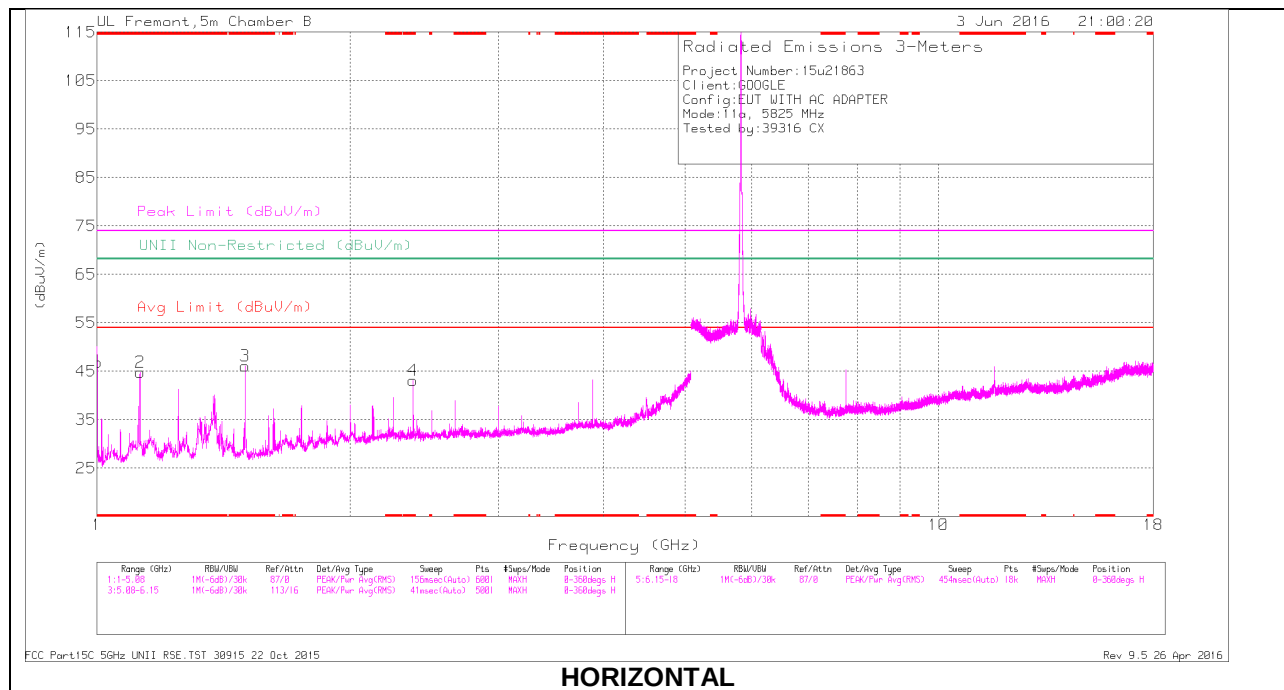
| Marker | Frequency (GHz) | Meas Reading (dBuV) | Det  | AF Y345 (dBm) | Ampl/CMF/HP/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNI Non-Restricted (dBuV/m) | PK Margin (dB) | Altitude (feet) | Height (cm) | Polarity |
|--------|-----------------|---------------------|------|---------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------|----------------|-----------------|-------------|----------|
| 1      | * 1             | 60.45               | PK-U | 27.7          | -36.2                | 0            | 51.95                      | -                  | -           | 74                  | -22.05         | -                           | -              | 330             | 296         | H        |
|        | * 1             | 58.4                | ADR  | 27.7          | -36.2                | 31           | 50.21                      | 54                 | -3.79       | -                   | -              | -                           | -              | 330             | 296         | H        |
| 2      | * 1.5           | 55.24               | PK-U | 27.8          | -35.6                | 0            | 47.44                      | -                  | -           | 74                  | -26.56         | -                           | -              | 190             | 119         | H        |
|        | * 1.5           | 52.83               | ADR  | 27.8          | -35.6                | 31           | 45.34                      | 54                 | -8.66       | -                   | -              | -                           | -              | 190             | 119         | H        |
| 3      | * 3.857         | 48.38               | PK-U | 33.4          | -33.1                | 0            | 48.69                      | -                  | -           | 74                  | -25.31         | -                           | -              | 139             | 291         | H        |
|        | * 3.857         | 45.33               | ADR  | 33.4          | -33.1                | 31           | 45.94                      | 54                 | -8.06       | -                   | -              | -                           | -              | 139             | 291         | H        |
| 4      | * 7.713         | 45.63               | PK-U | 35.8          | -29.7                | 0            | 51.73                      | -                  | -           | 74                  | -22.27         | -                           | -              | 165             | 101         | H        |
|        | * 7.713         | 42.49               | ADR  | 35.8          | -29.7                | 31           | 48.9                       | 54                 | -5.1        | -                   | -              | -                           | -              | 165             | 101         | H        |
| 5      | * 7.713         | 48.12               | PK-U | 35.8          | -29.7                | 0            | 54.22                      | -                  | -           | 74                  | -19.78         | -                           | -              | 201             | 132         | V        |
|        | * 7.713         | 45.61               | ADR  | 35.8          | -29.7                | 31           | 52.02                      | 54                 | -1.98       | -                   | -              | -                           | -              | 201             | 132         | V        |
| 6      | * 11.572        | 42.12               | PK-U | 38.4          | -24.9                | 0            | 55.62                      | -                  | -           | 74                  | -18.38         | -                           | -              | 104             | 337         | V        |
|        | * 11.571        | 31.96               | ADR  | 38.4          | -24.9                | 31           | 45.77                      | 54                 | -8.23       | -                   | -              | -                           | -              | 104             | 337         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



## HIGH CHANNEL DATA

| Markers | Frequency (GHz) | Meas Reading (dBuV) | Det  | AF Y345 (dBm) | Amplitude (dBm) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Altitude (feet) | Height (cm) | Polarity |
|---------|-----------------|---------------------|------|---------------|-----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|-----------------|-------------|----------|
| 1       | * 1             | 60.14               | PK-U | 27.7          | -36.2           | 0            | 51.64                      | -                  | -           | 74                  | -22.36         | -                            | -              | 332             | 295         | H        |
|         | * 1             | 58.11               | ADR  | 27.7          | -36.2           | 31           | 49.92                      | 54                 | -4.08       | -                   | -              | -                            | -              | 332             | 295         | H        |
| 2       | * 1.125         | 54.94               | PK-U | 28            | -35.5           | 0            | 47.44                      | -                  | -           | 74                  | -26.56         | -                            | -              | 324             | 251         | H        |
|         | * 1.125         | 52.87               | ADR  | 28            | -35.5           | 31           | 45.68                      | 54                 | -8.32       | -                   | -              | -                            | -              | 324             | 251         | H        |
| 3       | * 1.5           | 56.99               | PK-U | 27.8          | -35.6           | 0            | 49.19                      | -                  | -           | 74                  | -24.81         | -                            | -              | 140             | 251         | H        |
|         | * 1.5           | 53.28               | ADR  | 27.8          | -35.6           | 31           | 45.79                      | 54                 | -8.21       | -                   | -              | -                            | -              | 140             | 251         | H        |
| 4       | * 2.375         | 49.41               | PK-U | 32            | -34.4           | 0            | 47.01                      | -                  | -           | 74                  | -26.99         | -                            | -              | 75              | 360         | H        |
|         | * 2.375         | 45.98               | ADR  | 32            | -34.4           | 31           | 43.89                      | 54                 | -10.11      | -                   | -              | -                            | -              | 75              | 360         | H        |
| 6       | * 11.654        | 42                  | PK-U | 38.5          | -25.3           | 0            | 55.2                       | -                  | -           | 74                  | -18.8          | -                            | -              | 104             | 398         | V        |
|         | * 11.653        | 31.87               | ADR  | 38.5          | -25.2           | 31           | 45.48                      | 54                 | -8.52       | -                   | -              | -                            | -              | 104             | 398         | V        |
| 5       | 7.766           | 45.56               | PK-U | 36.6          | -29.5           | 0            | 51.86                      | -                  | -           | -                   | -              | 68.2                         | -16.34         | 200             | 103         | V        |

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

PK-U - U-NII: Maximum Peak

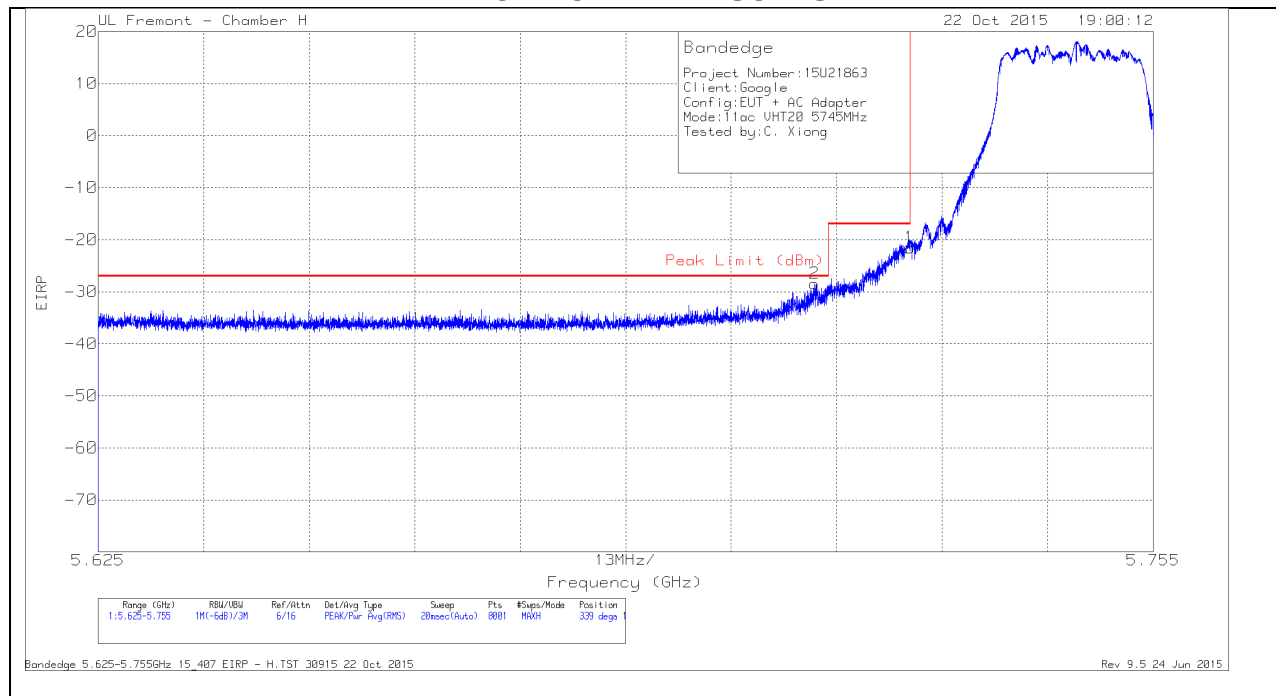
ADR - U-NII AD primary method, RMS average

## 5.1.6. 802.11ac VHT20 MODE IN THE 5.8GHz BAND (1 stream BF mode low channel)

### 4Tx 4 STREAM CDD MODE

### RESTRICTED BANDEDGE (LOW CHANNEL)

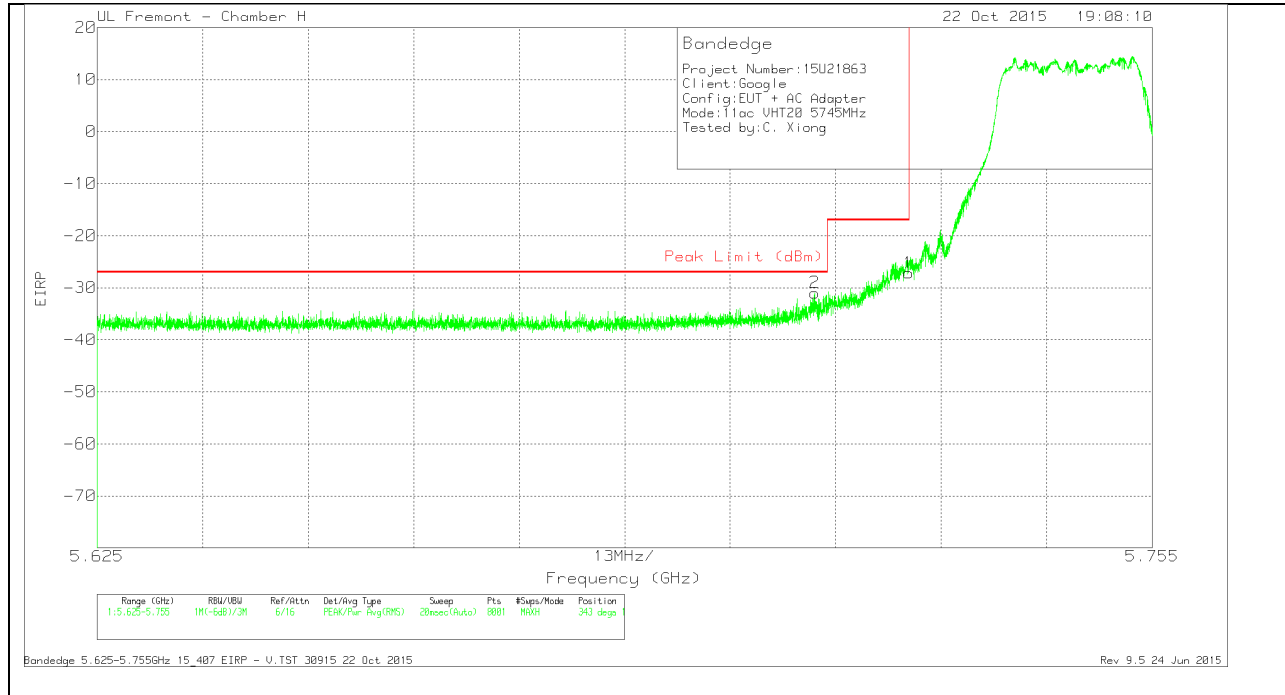
### HORIZONTAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T863 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.713           | -55.93              | Pk  | 34.8           | -19.1                  | 11.8                   | -28.43                 | -27              | -1.43          | 339            | 136         | H        |
| 1      | 5.725           | -49.02              | Pk  | 34.8           | -19.1                  | 11.8                   | -21.52                 | -17              | -4.52          | 339            | 136         | H        |

Pk - Peak detector

## VERTICAL RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T863 (dB/m) | Ampl/Cbll/Filtr/ Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|---------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2      | 5.713           | -58.47              | PK  | 34.8           | -19.1                     | 11.8                   | -30.97                 | -27              | -3.97          | 343            | 167         | V        |
| 1      | 5.725           | -54.66              | PK  | 34.8           | -19.1                     | 11.8                   | -27.16                 | -17              | -10.16         | 343            | 167         | V        |

Pk - Peak detector