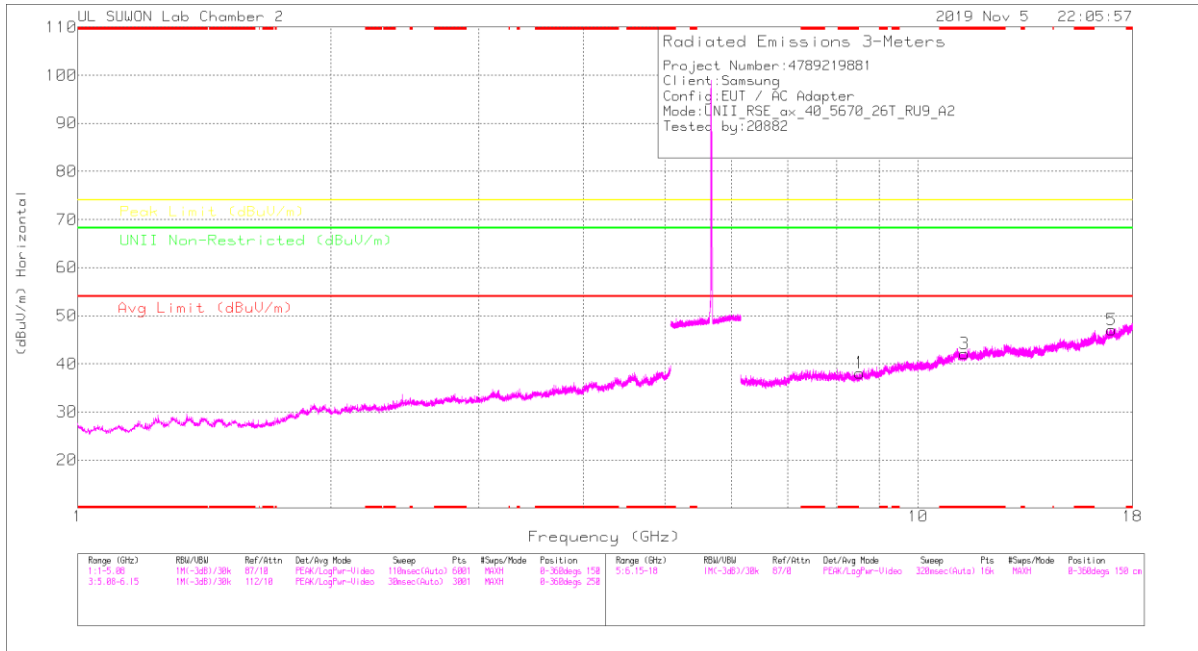
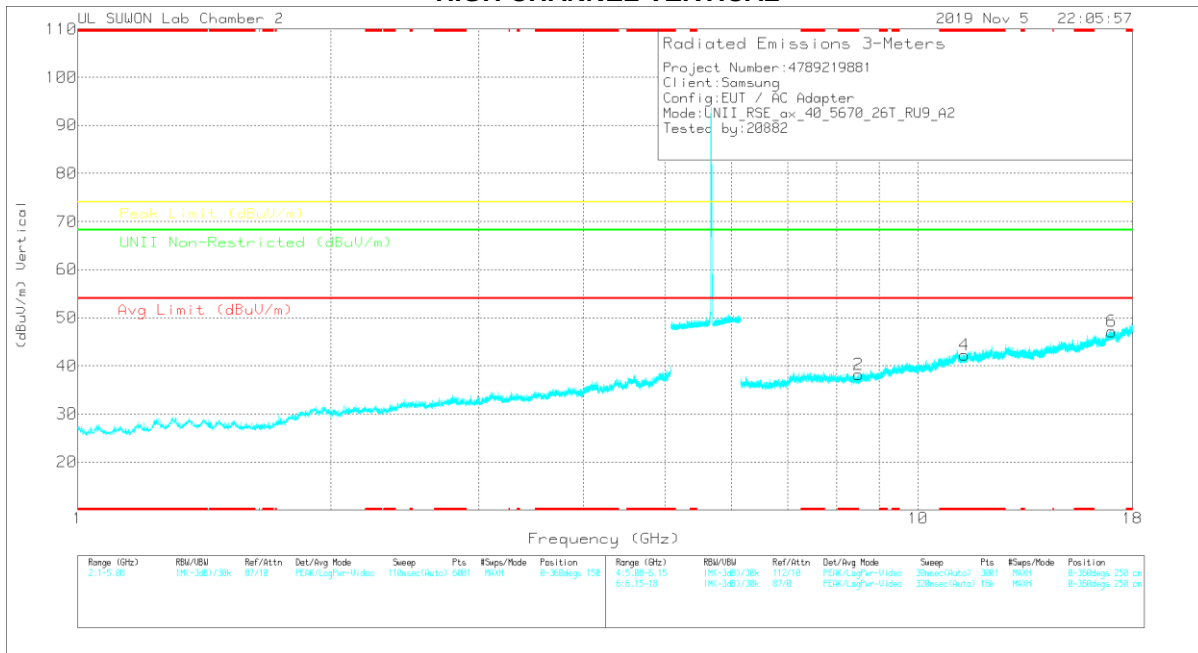


### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## HIGH CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBuV) | Det | 3117_00168724 | 6GHz_HF988 | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (ft) | Height (ft) | Polarity |
|--------|-----------------|-----------------------|-----|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|---------------|-------------|----------|
| 1      | 8.51985         | 25.14                 | PK  | 36.1          | -23.1      | 0            | 38.14                      | -                  | -           | -                   | -           | 68.2                          | -30.06      | 0-360         | 150         | H        |
| 3      | * 11.35775      | 23.77                 | PK  | 38.3          | -20        | 0            | 42.07                      | -                  | -           | 74                  | -31.93      | -                             | -           | 0-360         | 250         | H        |
| 5      | 16.99652        | 24.24                 | PK  | 41.3          | -18.5      | 0            | 47.04                      | -                  | -           | -                   | -           | 68.2                          | -21.16      | 0-360         | 150         | H        |
| 2      | 8.5006          | 25.38                 | PK  | 36.1          | -23.3      | 0            | 38.18                      | -                  | -           | -                   | -           | 68.2                          | -30.02      | 0-360         | 250         | V        |
| 4      | * 11.35701      | 23.91                 | PK  | 38.3          | -20        | 0            | 42.21                      | -                  | -           | 74                  | -31.79      | -                             | -           | 0-360         | 150         | V        |
| 6      | 17.00467        | 24.24                 | PK  | 41.3          | -18.4      | 0            | 47.14                      | -                  | -           | -                   | -           | 68.2                          | -21.06      | 0-360         | 150         | V        |

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

PK – Peak Detector

### Radiated Emissions

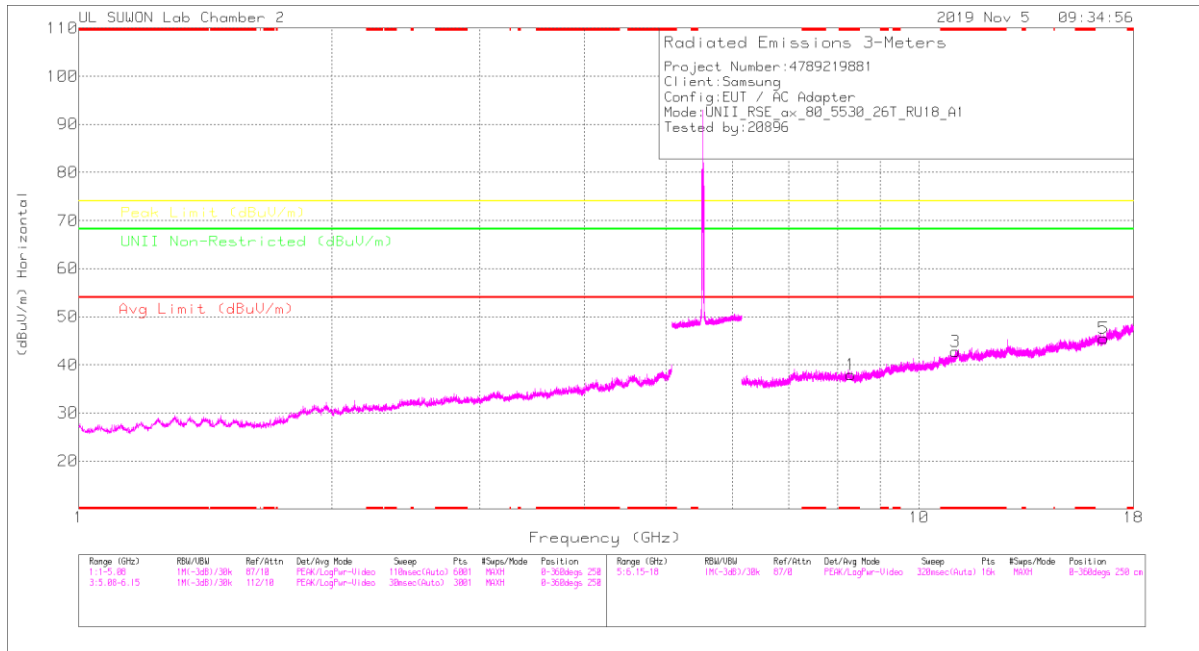
| Frequency (GHz) | Marker Reading (dBuV) | Det  | 3117_00168724 | 6GHz_HF988 | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (ft) | Height (ft) | Polarity |
|-----------------|-----------------------|------|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|---------------|-------------|----------|
| 8.51994         | 35.25                 | PK-U | 36.1          | -23.1      | 0            | 48.25                      | -                  | -           | -                   | -           | 68.2                          | -19.95      | 360           | 100         | H        |
| 8.51879         | 34.97                 | PK-U | 36.1          | -23.1      | 0            | 47.97                      | -                  | -           | -                   | -           | 68.2                          | -20.23      | 360           | 100         | V        |
| * 11.35815      | 34                    | PK-U | 38.3          | -20        | 0            | 52.3                       | -                  | -           | 74                  | -21.7       | -                             | -           | 360           | 100         | H        |
| * 11.35893      | 34.11                 | PK-U | 38.3          | -20        | 0            | 52.41                      | -                  | -           | 74                  | -21.59      | -                             | -           | 360           | 100         | V        |
| 16.99736        | 34                    | PK-U | 41.3          | -18.5      | 0            | 56.8                       | -                  | -           | -                   | -           | 68.2                          | -11.4       | 360           | 100         | H        |
| 16.99845        | 34.24                 | PK-U | 41.3          | -18.5      | 0            | 57.04                      | -                  | -           | -                   | -           | 68.2                          | -11.16      | 360           | 100         | V        |

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

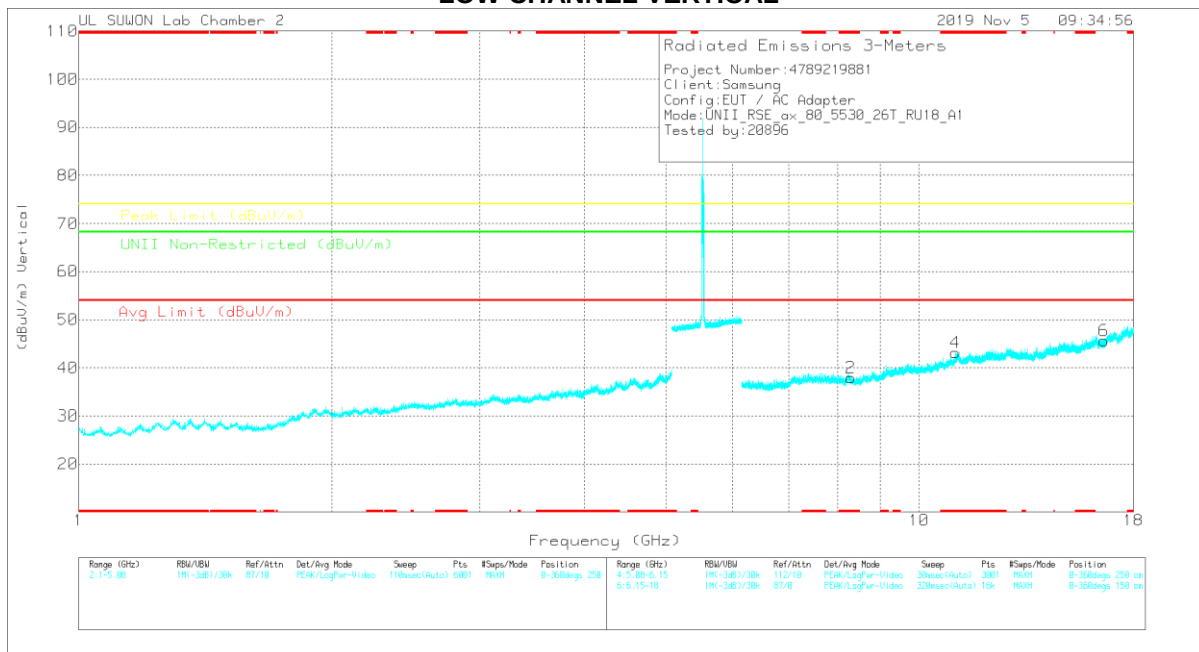
PK-U - U-NII: Maximum Peak

HE80 RU mode (ANT\_1 / 26T / Low: 18, High :18)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## LOW CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBm) | Det | 3117_00188724 | 6GHz_HF(48) | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBm/Vm) | Margin (dB) | Peak Limit (dBm/Vm) | Margin (dB) | Limit Non-Restricted (dBm/Vm) | Margin (dB) | Altitude (Degs) | Height (m) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 1      | * 8.30138       | 24.63              | PK  | 36            | -22.7       | 0            | 37.93                   | -                  | -           | 74                  | -36.07      | -                             | -           | 0-360           | 250        | H        |
| 3      | * 11.05634      | 24.86              | PK  | 38.2          | -20.3       | 0            | 42.76                   | -                  | -           | 74                  | -31.24      | -                             | -           | 0-360           | 250        | H        |
| 5      | 16.58946        | 24.56              | PK  | 40.6          | -19.6       | 0            | 45.56                   | -                  | -           | -                   | -           | 68.2                          | -22.64      | 0-360           | 150        | H        |
| 2      | * 8.2999        | 24.7               | PK  | 36            | -22.7       | 0            | 38                      | -                  | -           | 74                  | -36         | -                             | -           | 0-360           | 150        | V        |
| 4      | * 11.06004      | 25.12              | PK  | 38.2          | -20.2       | 0            | 43.12                   | -                  | -           | 74                  | -30.88      | -                             | -           | 0-360           | 150        | V        |
| 6      | 16.58994        | 24.67              | PK  | 40.6          | -19.6       | 0            | 45.67                   | -                  | -           | -                   | -           | 68.2                          | -22.53      | 0-360           | 250        | V        |

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

PK – Peak Detector

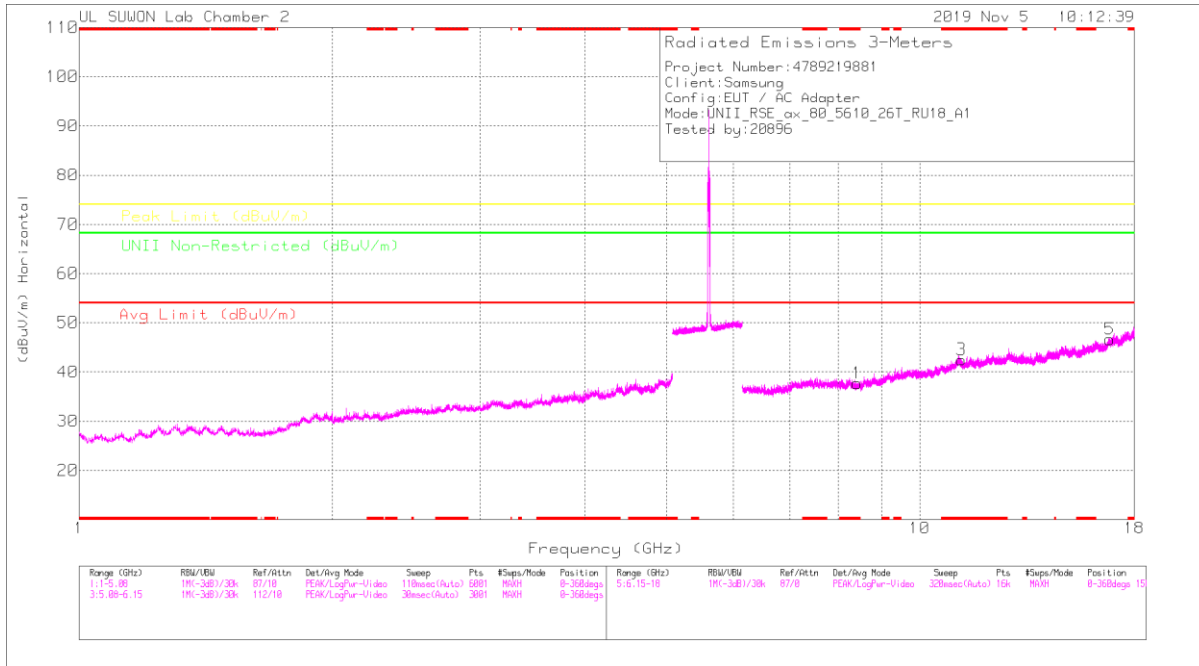
### Radiated Emissions

| Frequency (GHz) | Meas Reading (dBm) | Det  | 3117_00188724 | 6GHz_HF(48) | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBm/Vm) | Margin (dB) | Peak Limit (dBm/Vm) | Margin (dB) | Limit Non-Restricted (dBm/Vm) | Margin (dB) | Altitude (Degs) | Height (m) | Polarity |
|-----------------|--------------------|------|---------------|-------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| * 8.30161       | 35.38              | PK-U | 36            | -22.7       | 0            | 48.68                   | -                  | -           | 74                  | -25.32      | -                             | -           | 360             | 100        | H        |
| * 8.30222       | 34.68              | PK-U | 36            | -22.7       | 0            | 47.98                   | -                  | -           | 74                  | -26.02      | -                             | -           | 360             | 100        | V        |
| * 11.05768      | 34.18              | PK-U | 38.2          | -20.2       | 0            | 52.18                   | -                  | -           | 74                  | -21.82      | -                             | -           | 360             | 100        | H        |
| * 11.05532      | 34.23              | PK-U | 38.2          | -20.3       | 0            | 52.13                   | -                  | -           | 74                  | -21.87      | -                             | -           | 360             | 100        | V        |
| 16.58892        | 34.53              | PK-U | 40.6          | -19.6       | 0            | 55.53                   | -                  | -           | -                   | -           | 68.2                          | -12.67      | 360             | 100        | H        |
| 16.58893        | 34.24              | PK-U | 40.6          | -19.6       | 0            | 55.24                   | -                  | -           | -                   | -           | 68.2                          | -12.96      | 360             | 100        | V        |

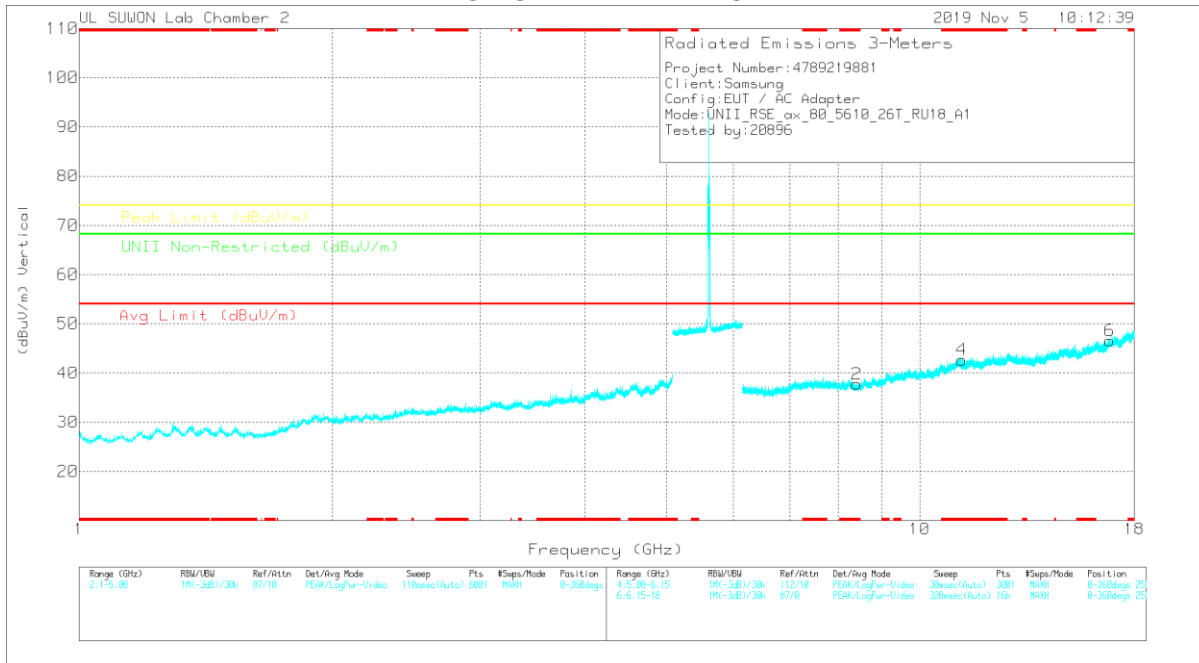
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## HIGH CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBm) | Det | 3117_00188724 | 6GHz_HF(48) | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBm/Vm) | Margin (dB) | Peak Limit (dBm/Vm) | Margin (dB) | Limit Non-Restricted (dBm/Vm) | Margin (dB) | Altitude (Degs) | Height (m) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 1      | * 8.42135       | 24.99              | PK  | 36            | -23.3       | 0            | 37.69                   | -                  | -           | 74                  | -36.31      | -                             | -           | 0-360           | 250        | H        |
| 3      | * 11.20519      | 23.89              | PK  | 38.3          | -19.7       | 0            | 42.49                   | -                  | -           | 74                  | -31.51      | -                             | -           | 0-360           | 150        | H        |
| 5      | 16.81904        | 23.84              | PK  | 41.1          | -18.3       | 0            | 45.54                   | -                  | -           | -                   | -           | 68.2                          | -21.56      | 0-360           | 150        | H        |
| 2      | * 8.41459       | 25.12              | PK  | 36            | -23.4       | 0            | 37.72                   | -                  | -           | 74                  | -36.28      | -                             | -           | 0-360           | 250        | V        |
| 4      | * 11.22         | 24.25              | PK  | 38.3          | -19.9       | 0            | 42.65                   | -                  | -           | 74                  | -31.35      | -                             | -           | 0-360           | 150        | V        |
| 6      | 16.82248        | 23.75              | PK  | 41.1          | -18.3       | 0            | 45.55                   | -                  | -           | -                   | -           | 68.2                          | -21.65      | 0-360           | 250        | V        |

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

PK – Peak Detector

### Radiated Emissions

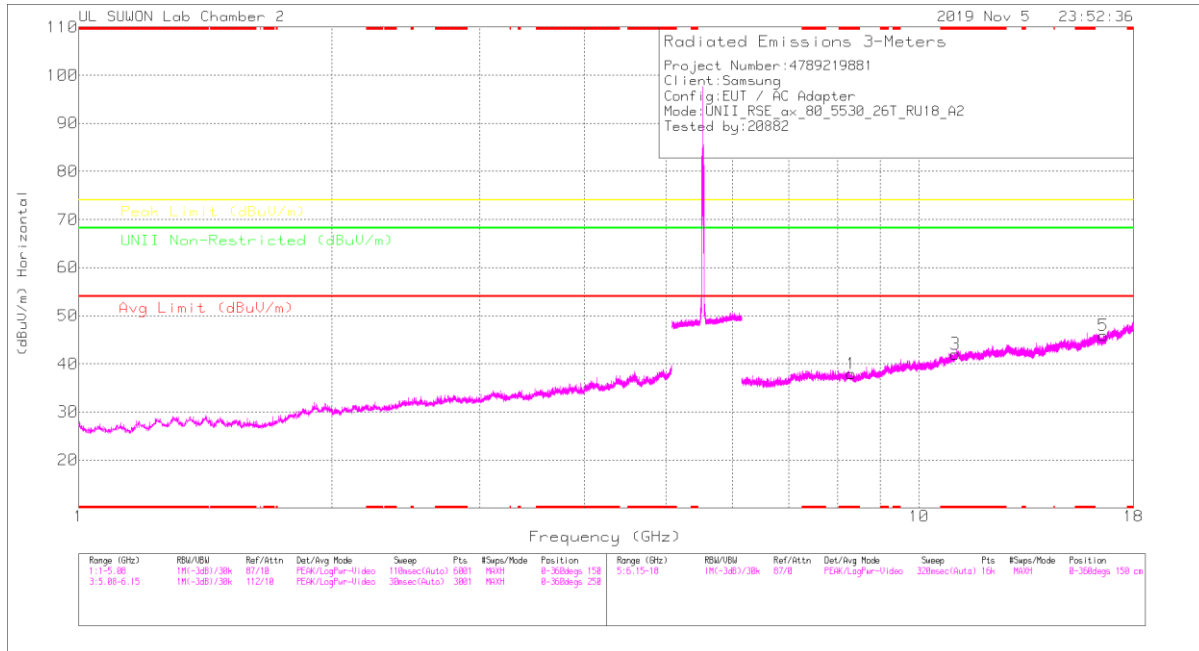
| Frequency (GHz) | Meas Reading (dBm) | Det  | 3117_00188724 | 6GHz_HF(48) | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBm/Vm) | Margin (dB) | Peak Limit (dBm/Vm) | Margin (dB) | Limit Non-Restricted (dBm/Vm) | Margin (dB) | Altitude (Degs) | Height (m) | Polarity |
|-----------------|--------------------|------|---------------|-------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| * 8.42087       | 35.11              | PK-U | 36            | -23.3       | 0            | 47.81                   | -                  | -           | 74                  | -26.19      | -                             | -           | 360             | 100        | H        |
| * 8.41979       | 34.98              | PK-U | 36            | -23.3       | 0            | 47.68                   | -                  | -           | 74                  | -26.32      | -                             | -           | 360             | 100        | V        |
| * 11.20531      | 33.91              | PK-U | 38.3          | -19.8       | 0            | 52.41                   | -                  | -           | 74                  | -21.59      | -                             | -           | 360             | 100        | H        |
| * 11.20707      | 34.19              | PK-U | 38.3          | -19.8       | 0            | 52.69                   | -                  | -           | 74                  | -21.31      | -                             | -           | 360             | 100        | V        |
| 16.81656        | 34.24              | PK-U | 41.1          | -18.3       | 0            | 57.04                   | -                  | -           | -                   | -           | 68.2                          | -11.16      | 360             | 100        | H        |
| 16.81821        | 34.26              | PK-U | 41.1          | -18.3       | 0            | 57.06                   | -                  | -           | -                   | -           | 68.2                          | -11.14      | 360             | 100        | V        |

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

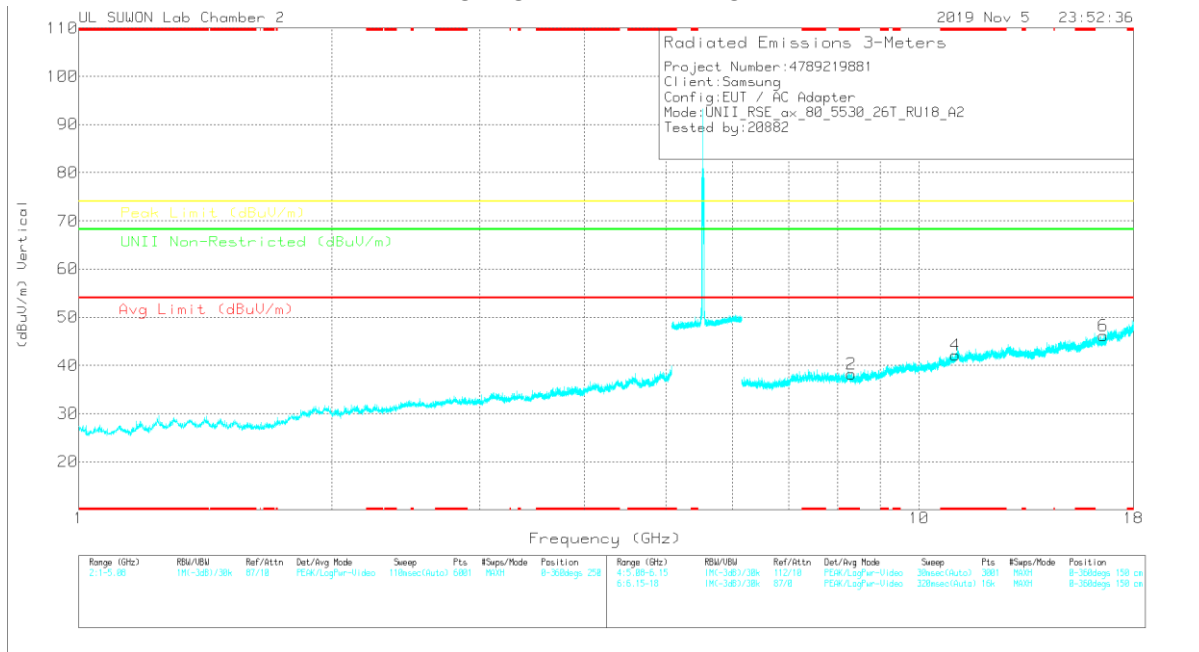
PK-U - U-NII: Maximum Peak

HE80 RU mode (ANT\_2 / 26T / Low: 18, High : 18)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## LOW CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBuV) | Det | 3117_00188724 | 6GHz_HF986 | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|--------|-----------------|-----------------------|-----|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 1      | * 8.30583       | 34.59                 | PK  | 36            | -22.7      | 0            | 37.89                      | -                  | -           | 74                  | -36.11      | -                             | -           | 0-360           | 250           | H        |
| 3      | * 11.04893      | 34.15                 | PK  | 38.2          | -20.3      | 0            | 42.05                      | -                  | -           | 74                  | -31.95      | -                             | -           | 0-360           | 150           | H        |
| 5      | 16.57365        | 34.87                 | PK  | 40.6          | -19.6      | 0            | 45.87                      | -                  | -           | -                   | -           | 68.2                          | -22.33      | 0-360           | 150           | H        |
| 2      | * 8.31248       | 35.06                 | PK  | 36            | -22.8      | 0            | 38.26                      | -                  | -           | 74                  | -35.74      | -                             | -           | 0-360           | 250           | V        |
| 4      | * 11.04871      | 34.23                 | PK  | 38.2          | -20.3      | 0            | 42.13                      | -                  | -           | 74                  | -31.87      | -                             | -           | 0-360           | 150           | V        |
| 6      | 16.58772        | 35.21                 | PK  | 40.6          | -19.6      | 0            | 46.21                      | -                  | -           | -                   | -           | 68.2                          | -21.99      | 0-360           | 250           | V        |

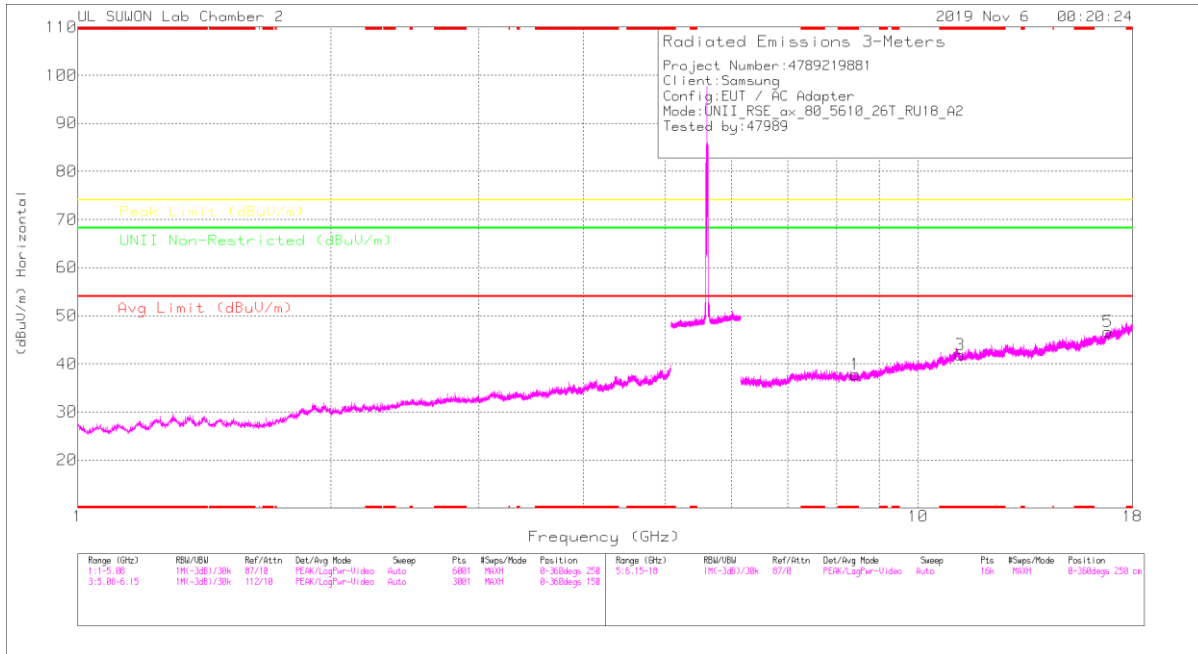
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

| Frequency (GHz) | Marker Reading (dBuV) | Det  | 3117_00188724 | 6GHz_HF986 | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|-----------------|-----------------------|------|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| * 8.30608       | 35.18                 | PK-U | 36            | -22.7      | 0            | 48.48                      | -                  | -           | 74                  | -25.52      | -                             | -           | 360             | 100           | H        |
| * 8.30523       | 34.59                 | PK-U | 36            | -22.7      | 0            | 47.89                      | -                  | -           | 74                  | -26.11      | -                             | -           | 360             | 100           | V        |
| * 11.05026      | 34.82                 | PK-U | 38.2          | -20.2      | 0            | 52.82                      | -                  | -           | 74                  | -21.18      | -                             | -           | 360             | 100           | H        |
| * 11.04737      | 34.34                 | PK-U | 38.2          | -20.3      | 0            | 52.24                      | -                  | -           | 74                  | -21.76      | -                             | -           | 360             | 100           | V        |
| 16.57272        | 34.27                 | PK-U | 40.6          | -19.6      | 0            | 55.27                      | -                  | -           | -                   | -           | 68.2                          | -12.93      | 360             | 100           | H        |
| 16.57544        | 34.57                 | PK-U | 40.6          | -19.6      | 0            | 55.57                      | -                  | -           | -                   | -           | 68.2                          | -12.63      | 360             | 100           | V        |

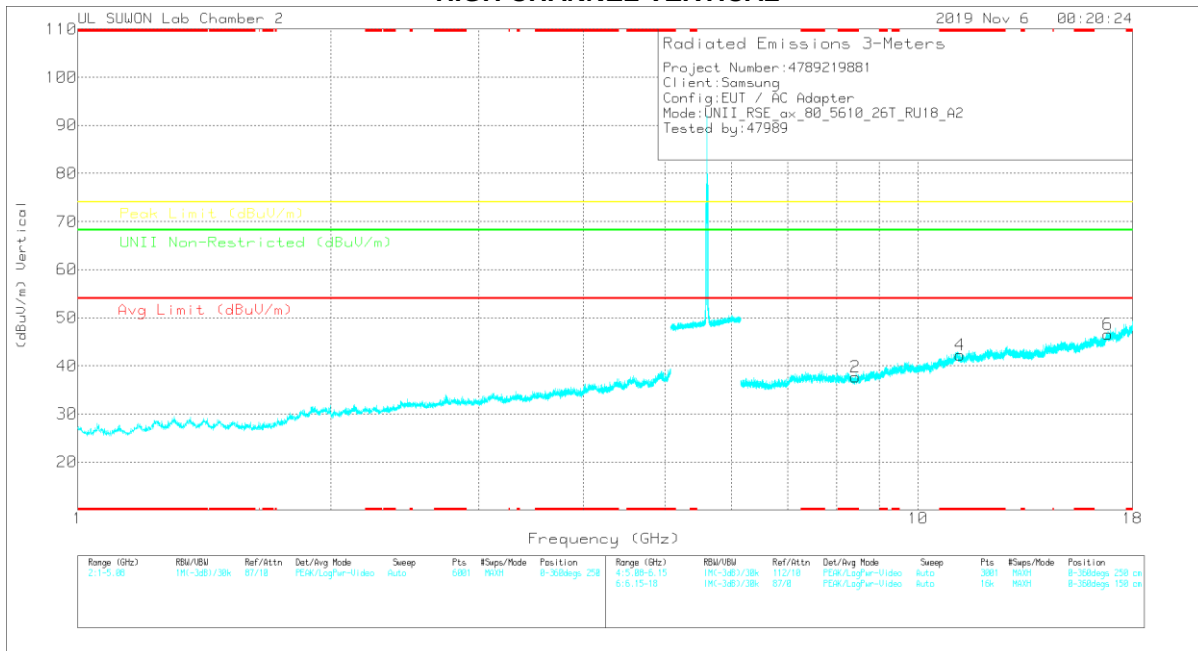
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak



### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

# HIGH CHANNEL DATA

## Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBuV) | Det | 3117_00188724 | 6GHz_HF988 | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|--------|-----------------|-----------------------|-----|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 1      | * 8.41987       | 25.11                 | PK  | 36            | -23.3      | 0            | 37.81                      | -                  | -           | 74                  | -36.19      | -                             | -           | 0-360           | 250        | H        |
| 3      | * 11.2163       | 23.44                 | PK  | 38.3          | -19.9      | 0            | 41.84                      | -                  | -           | 74                  | -32.16      | -                             | -           | 0-360           | 150        | H        |
| 5      | 16.83211        | 23.9                  | PK  | 41.2          | -18.4      | 0            | 46.7                       | -                  | -           | -                   | -           | 68.2                          | -21.5       | 0-360           | 150        | H        |
| 2      | * 8.42258       | 24.97                 | PK  | 36            | -23.3      | 0            | 37.57                      | -                  | -           | 74                  | -36.33      | -                             | -           | 0-360           | 150        | V        |
| 4      | * 11.22667      | 23.94                 | PK  | 38.3          | -20        | 0            | 42.24                      | -                  | -           | 74                  | -31.76      | -                             | -           | 0-360           | 150        | V        |
| 6      | 16.83433        | 23.76                 | PK  | 41.2          | -18.4      | 0            | 46.56                      | -                  | -           | -                   | -           | 68.2                          | -21.64      | 0-360           | 150        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

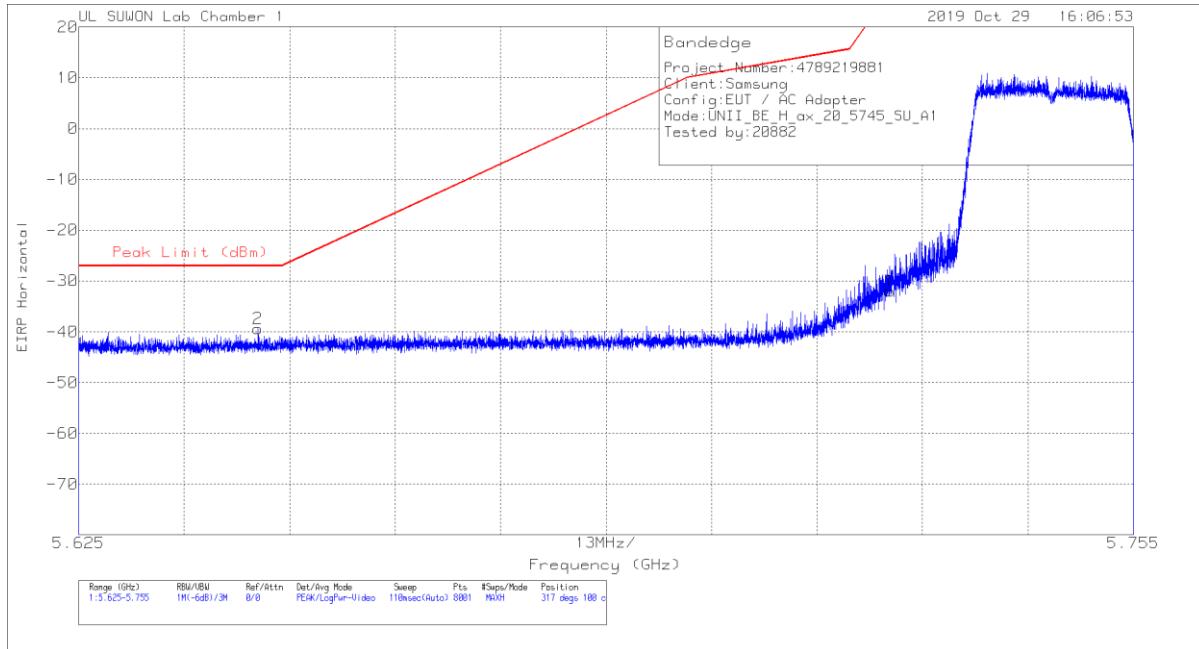
| Frequency (GHz) | Marker Reading (dBuV) | Det  | 3117_00188724 | 6GHz_HF988 | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|-----------------|-----------------------|------|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| * 8.41533       | 35.47                 | PK-U | 36            | -23.4      | 0            | 48.07                      | -                  | -           | 74                  | -25.93      | -                             | -           | 360             | 100        | H        |
| * 8.41701       | 34.62                 | PK-U | 36            | -23.4      | 0            | 47.42                      | -                  | -           | 74                  | -26.58      | -                             | -           | 360             | 100        | V        |
| * 11.21867      | 33.94                 | PK-U | 38.3          | -19.9      | 0            | 52.34                      | -                  | -           | 74                  | -21.66      | -                             | -           | 360             | 100        | H        |
| * 11.21132      | 34.15                 | PK-U | 38.3          | -19.8      | 0            | 52.65                      | -                  | -           | 74                  | -21.35      | -                             | -           | 360             | 100        | V        |
| 16.83015        | 33.81                 | PK-U | 41.1          | -18.4      | 0            | 56.51                      | -                  | -           | -                   | -           | 68.2                          | -11.69      | 360             | 100        | H        |
| 16.82781        | 29.62                 | PK-U | 41.1          | -18.3      | 0            | 52.62                      | -                  | -           | -                   | -           | 68.2                          | -15.58      | 360             | 100        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak

## 11.1.7.RESTRICTED BAND-EDGE\_5.8GHz BAND LOW CHANNEL

HE20 SU mode (ANT\_1)

### HORIZONTAL PEAK AND AVERAGE PLOT



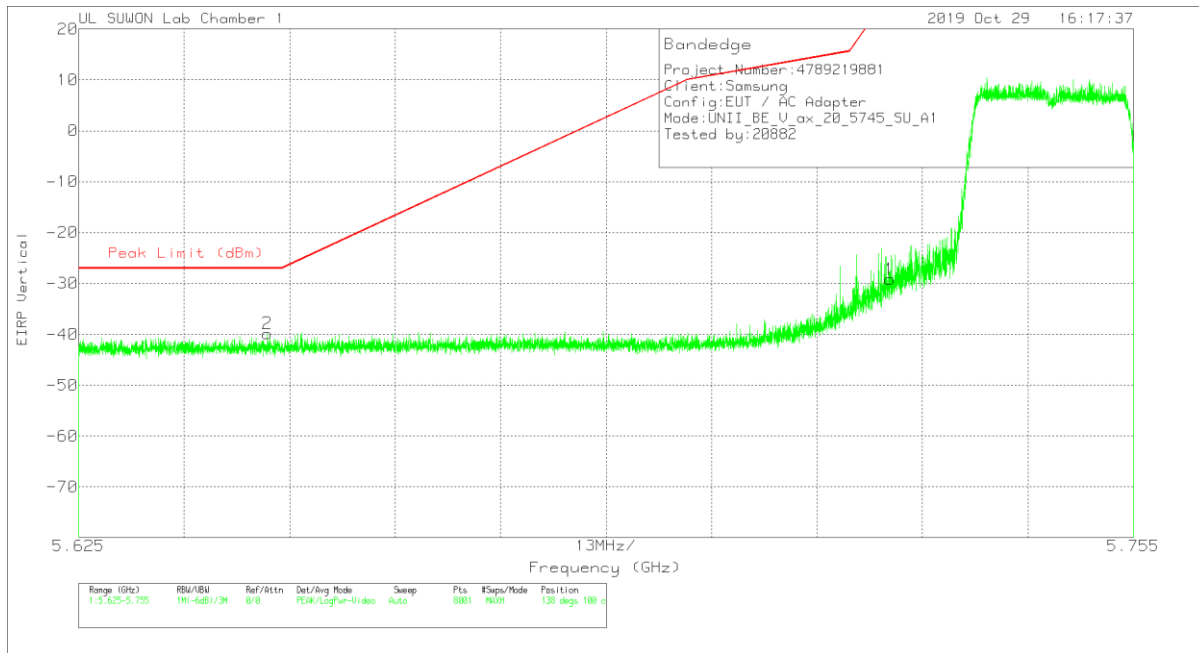
### HORIZONTAL DATA

#### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -57.44              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -31.94                 | 26.97            | -58.91         | 317            | 100         | H        |
| 2      | 5.64707         | -64.87              | Pk  | 34.7          | -21          | 11.8                   | 0            | -39.37                 | -27              | -12.37         | 317            | 100         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

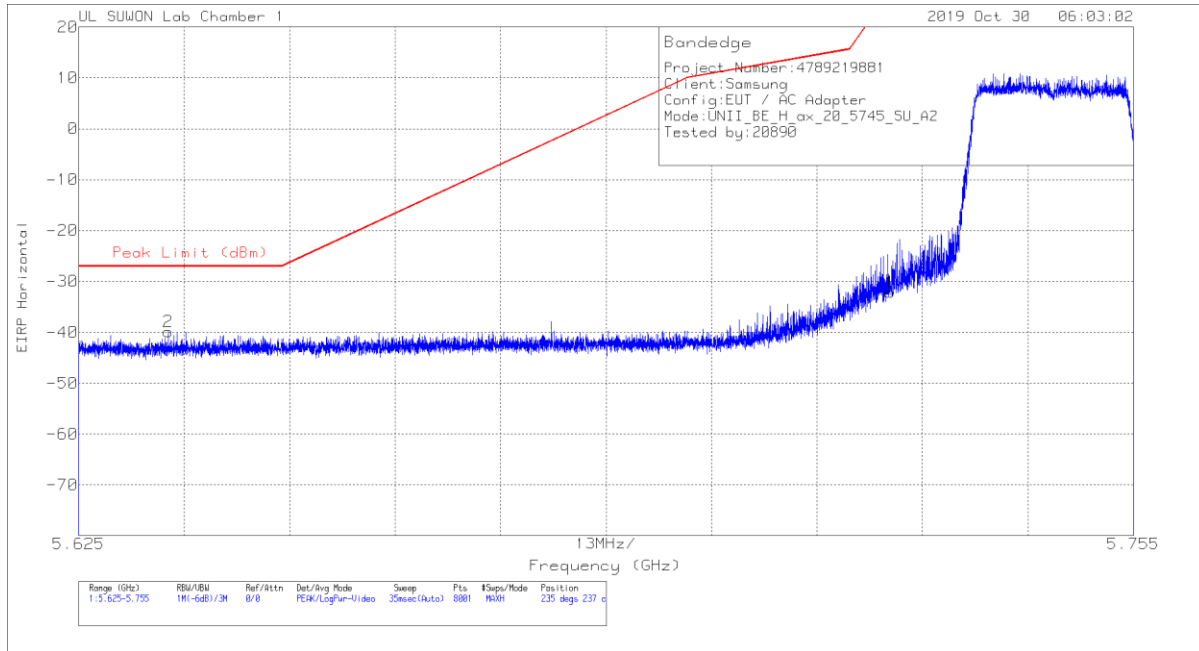
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -54.66              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -29.16                 | 26.97            | -56.13         | 138            | 100         | V        |
| 2      | 5.64825         | -65.32              | Pk  | 34.7          | -21          | 11.8                   | 0            | -39.82                 | -27              | -12.82         | 138            | 100         | V        |

Pk - Peak detector

## HE20 SU mode (ANT\_2)

### HORIZONTAL PEAK AND AVERAGE PLOT



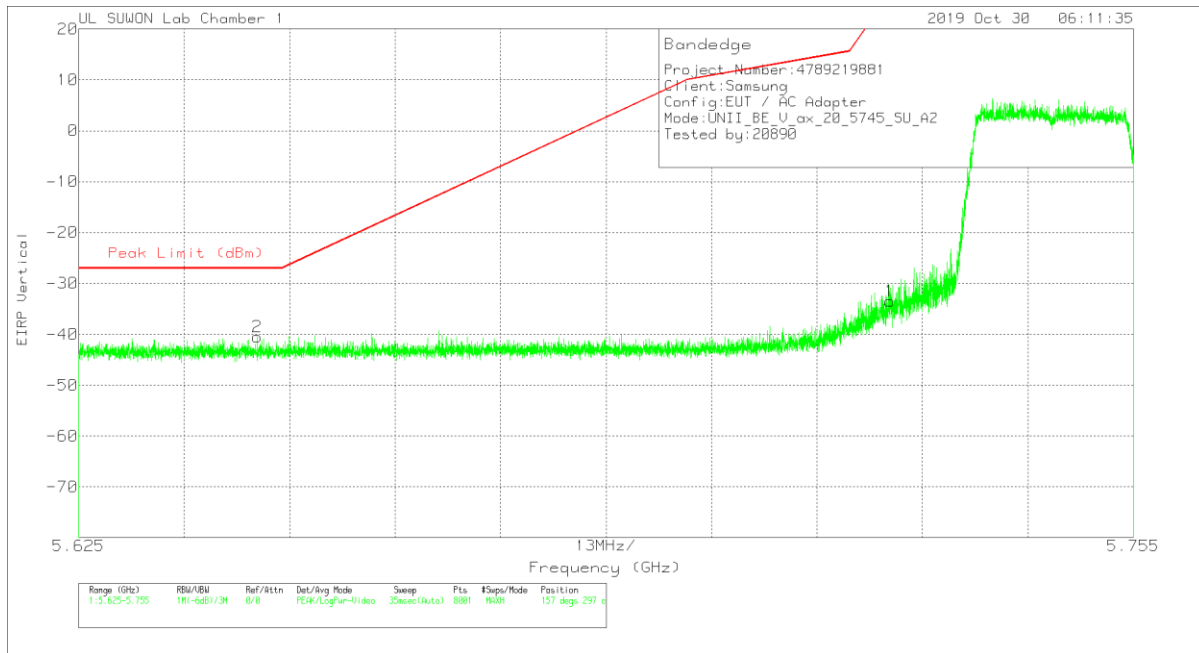
### HORIZONTAL DATA

#### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -57.58              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -32.08                 | 26.97            | -59.05         | 235            | 237         | H        |
| 2      | 5.63605         | -65.27              | Pk  | 34.7          | -21.1        | 11.8                   | 0            | -39.87                 | -27              | -12.87         | 235            | 237         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

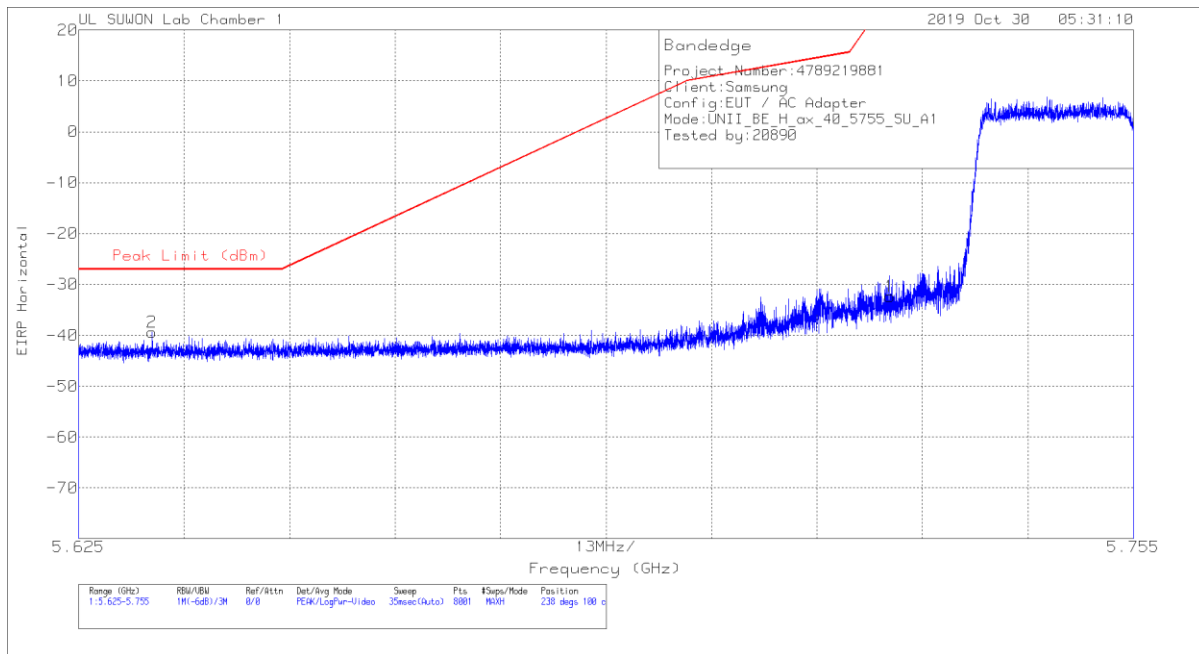
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -59.01              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -33.51                 | 26.97            | -60.48         | 157            | 297         | V        |
| 2      | 5.64699         | -65.95              | Pk  | 34.7          | -21          | 11.8                   | 0            | -40.45                 | -27              | -13.45         | 157            | 297         | V        |

Pk - Peak detector

HE40 SU mode (ANT\_1)

HORIZONTAL PEAK AND AVERAGE PLOT



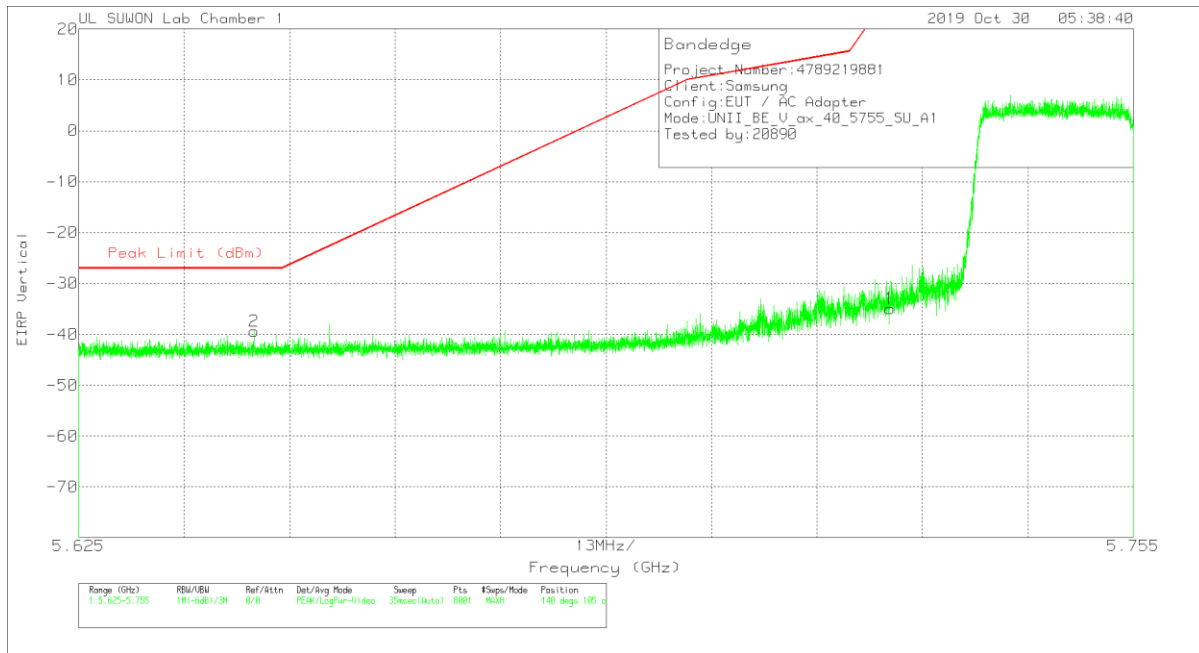
HORIZONTAL DATA

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -57.88              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -32.38                 | 26.97            | -59.35         | 238            | 100         | H        |
| 2      | 5.63405         | -64.83              | Pk  | 34.7          | -21.1        | 11.8                   | 0            | -39.43                 | -27              | -12.43         | 238            | 100         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

### Trace Markers

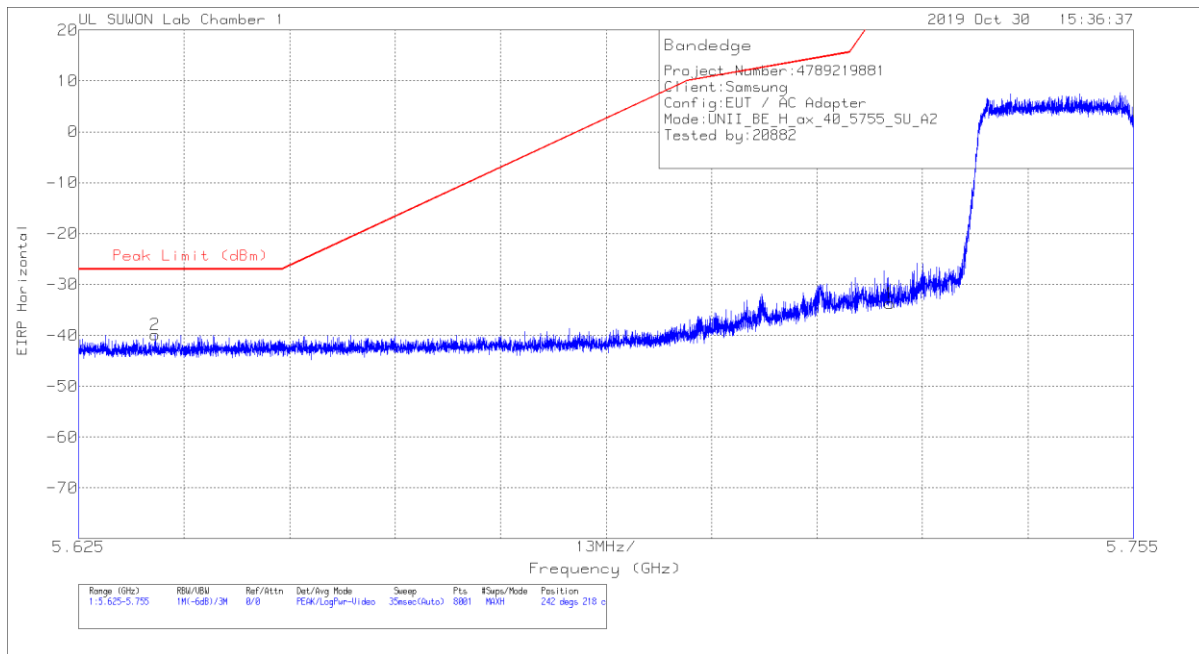
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -60.39              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -34.89                 | 26.97            | -61.86         | 140            | 105         | V        |
| 2      | 5.6466          | -64.88              | Pk  | 34.7          | -21          | 11.8                   | 0            | -39.38                 | -27              | -12.38         | 140            | 105         | V        |

Pk - Peak detector



## HE40 SU mode (ANT\_2)

### HORIZONTAL PEAK AND AVERAGE PLOT



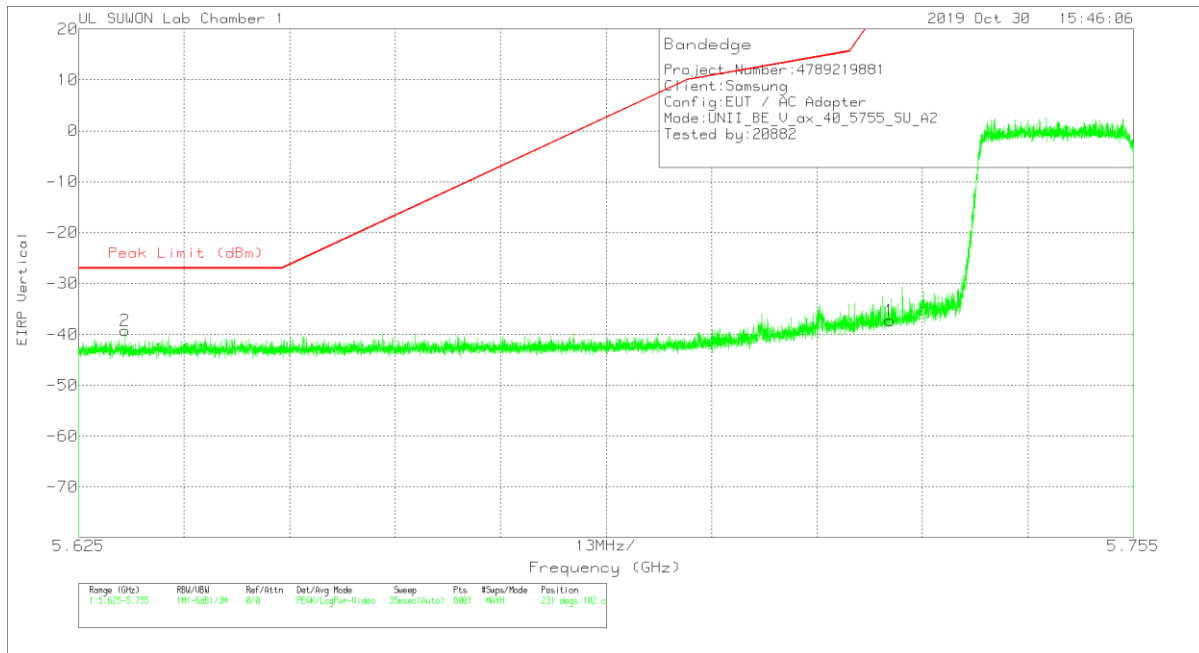
### HORIZONTAL DATA

#### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -59.16              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -33.66                 | 26.97            | -60.63         | 242            | 218         | H        |
| 2      | 5.63444         | -65.31              | Pk  | 34.7          | -21.1        | 11.8                   | 0            | -39.91                 | -27              | -12.91         | 242            | 218         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

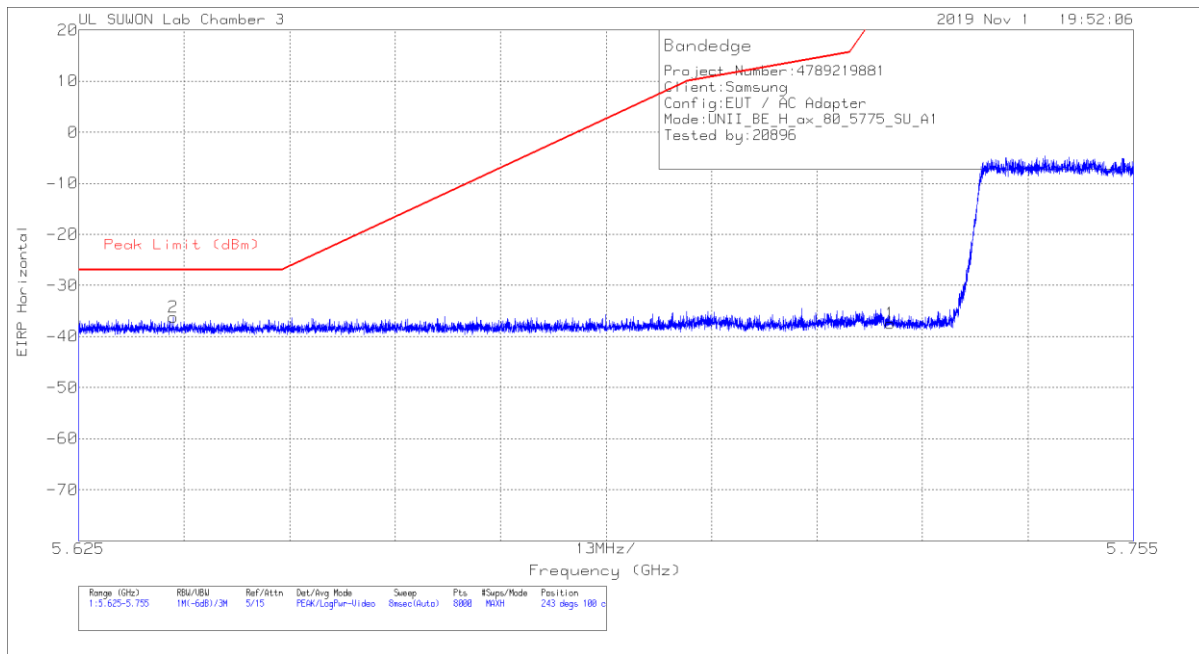
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.72499         | -62.82              | Pk  | 34.8          | -21.1        | 11.8                   | 0            | -37.32                 | 26.97            | -64.29         | 231            | 102         | V        |
| 2      | 5.63072         | -64.52              | Pk  | 34.7          | -21.2        | 11.8                   | 0            | -39.22                 | -27              | -12.22         | 231            | 102         | V        |

Pk - Peak detector

HE80 SU mode (ANT\_1)

HORIZONTAL PEAK AND AVERAGE PLOT



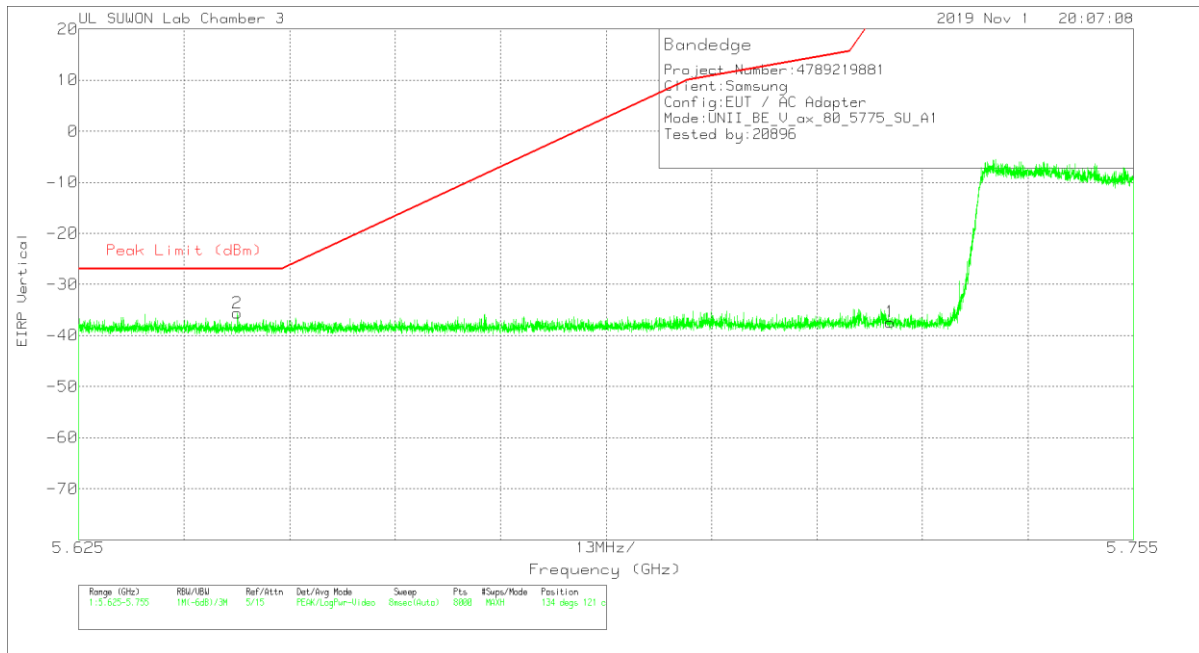
HORIZONTAL DATA

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -66.57              | Pk  | 34.8          | -17.5        | 11.8                   | 0            | -37.47                 | 27               | -64.47         | 243            | 100         | H        |
| 2      | 5.63667         | -64.95              | Pk  | 34.7          | -17.8        | 11.8                   | 0            | -36.25                 | -27              | -9.25          | 243            | 100         | H        |

Pk - Peak detector

# VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

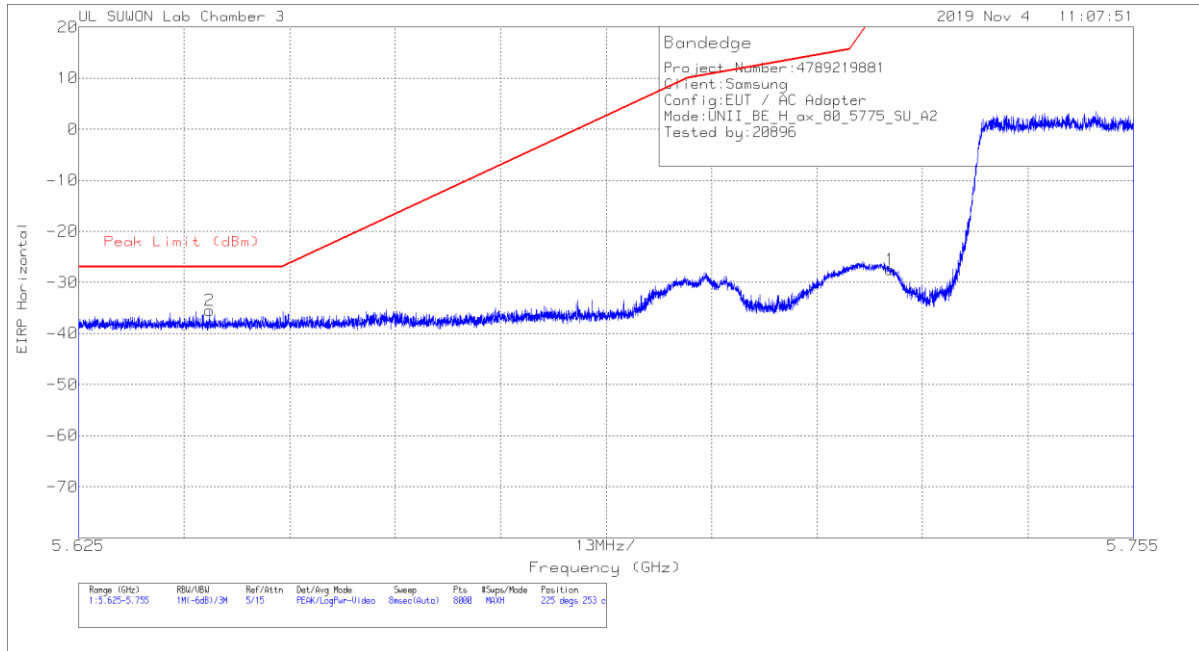
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT(dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -66.48              | Pk  |               | -17.5        | 11.8                   | 0            | -37.38                 | 27               | -64.38         | 134            | 121         | V        |
| 2      | 5.64457         | -64.29              | Pk  |               | -17.8        | 11.8                   | 0            | -35.59                 | -27              | -8.59          | 134            | 121         | V        |

Pk - Peak detector

HE80 SU mode (ANT\_2)

HORIZONTAL PEAK AND AVERAGE PLOT



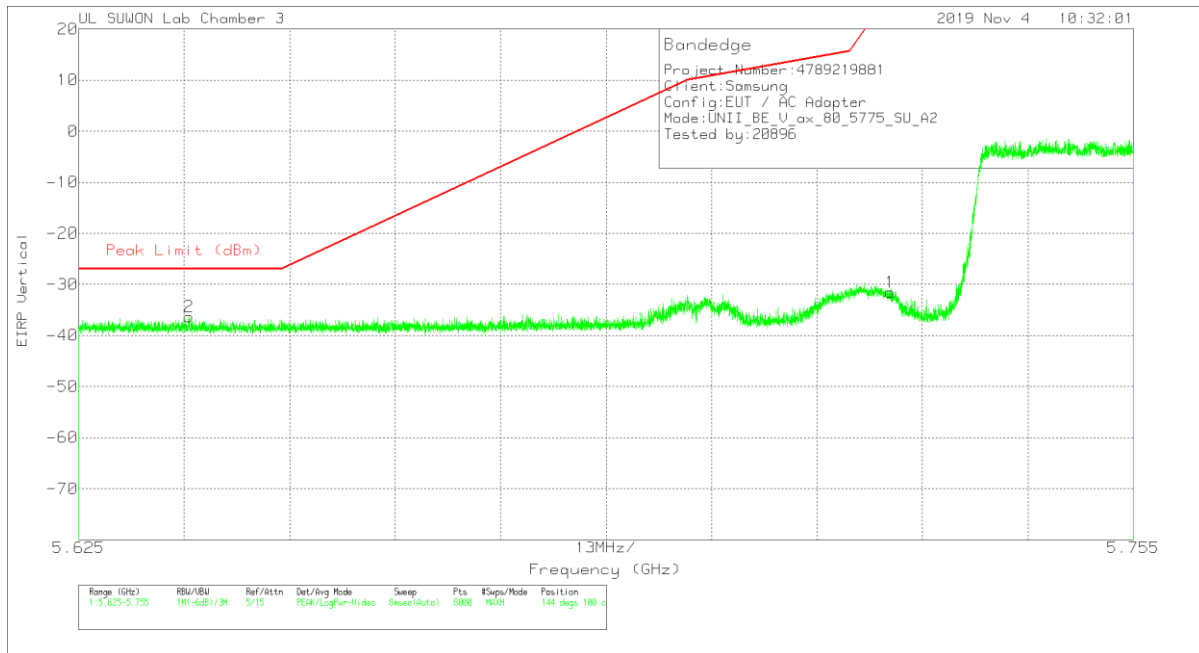
HORIZONTAL DATA

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -56.56              | Pk  | 34.8          | -17.5        | 11.8                   | 0            | -27.46                 | -27              | -54.46         | 225            | 253         | H        |
| 2      | 5.64112         | -64.23              | Pk  | 34.7          | -17.8        | 11.8                   | 0            | -35.53                 | -27              | -8.53          | 225            | 253         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

### Trace Markers

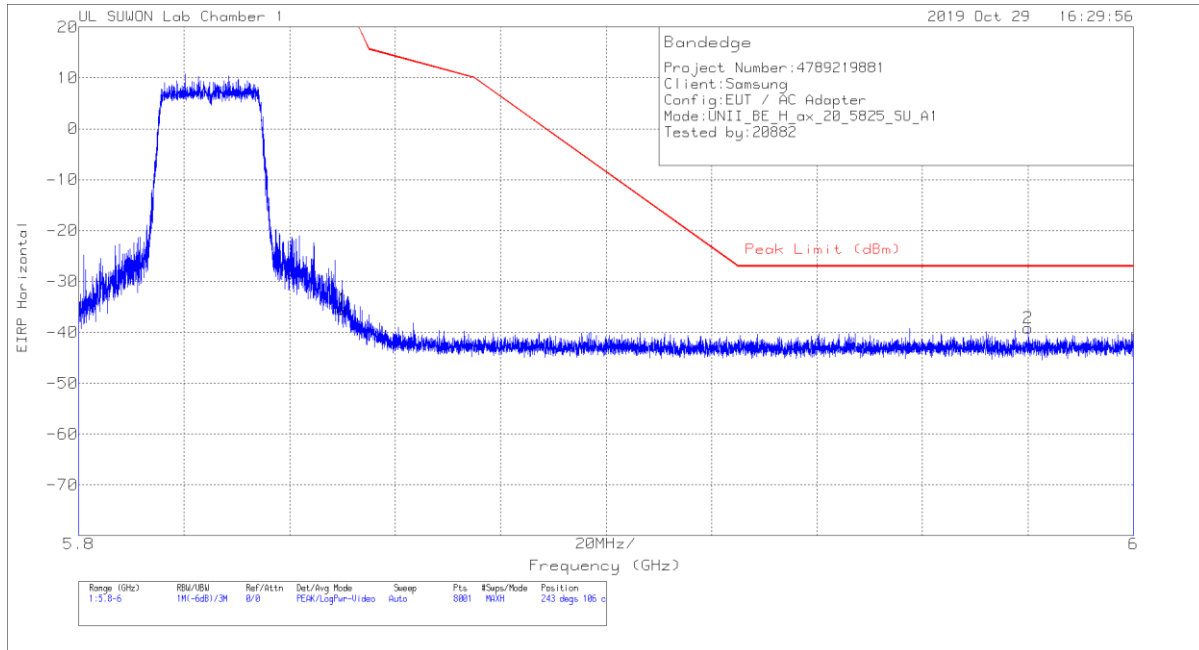
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT(dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.725           | -60.65              | Pk  |               | -17.5        | 11.8                   | 0            | -31.55                 | 27               | -58.55         | 144            | 100         | V        |
| 2      | 5.63862         | -65.05              | Pk  |               | -17.8        | 11.8                   | 0            | -36.35                 | -27              | -9.35          | 144            | 100         | V        |

Pk - Peak detector

## HIGH CHANNEL

HE20 SU mode (ANT\_1)

### HORIZONTAL PEAK AND AVERAGE PLOT



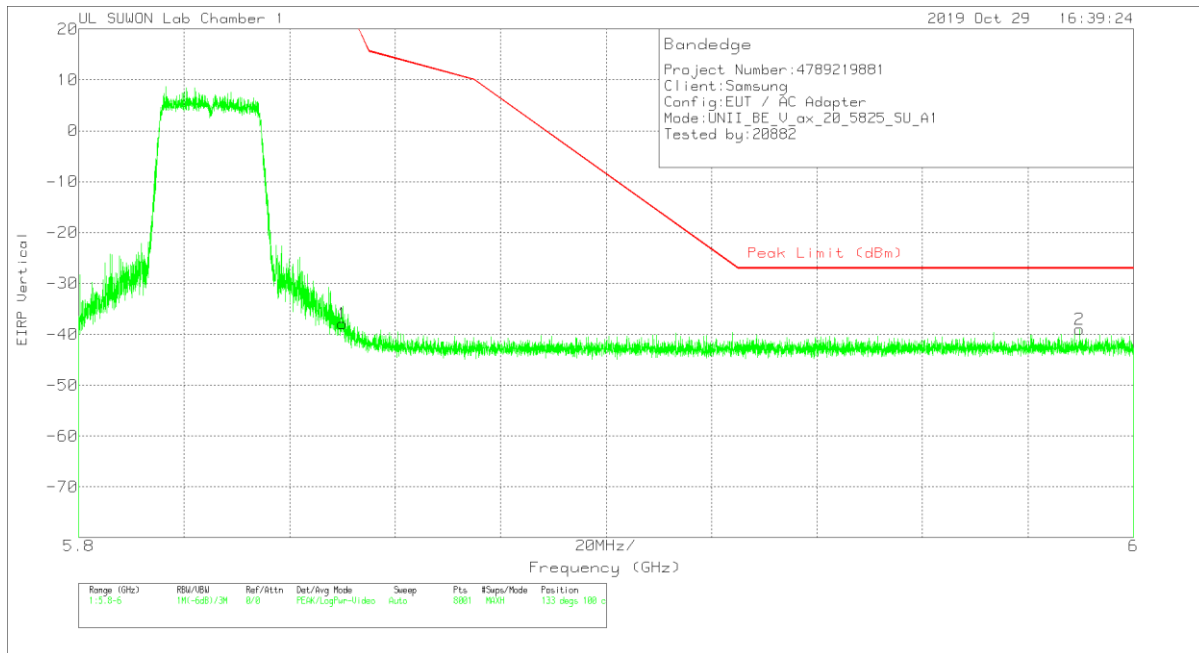
### HORIZONTAL DATA

#### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -61.19              | Pk  | 35            | -21          | 11.8                   | 0            | -35.39                 | 26.94            | -62.33         | 243            | 106         | H        |
| 2      | 5.98            | -65.33              | Pk  | 35.1          | -20.7        | 11.8                   | 0            | -39.13                 | -27              | -12.13         | 243            | 106         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

### Trace Markers

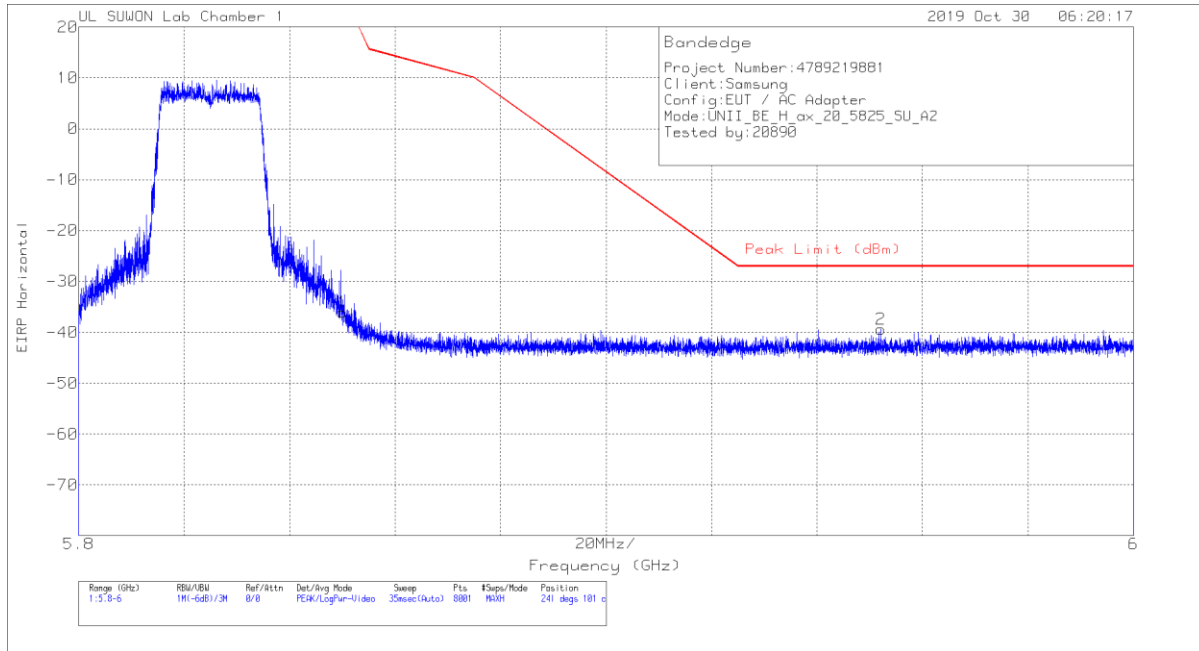
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -63.66              | Pk  | 35            | -21          | 11.8                   | 0            | -37.86                 | 26.94            | -64.8          | 133            | 100         | V        |
| 2      | 5.9898          | -65.26              | Pk  | 35.1          | -20.6        | 11.8                   | 0            | -38.96                 | -27              | -11.96         | 133            | 100         | V        |

Pk - Peak detector



## HE20 SU mode (ANT\_2)

### HORIZONTAL PEAK AND AVERAGE PLOT



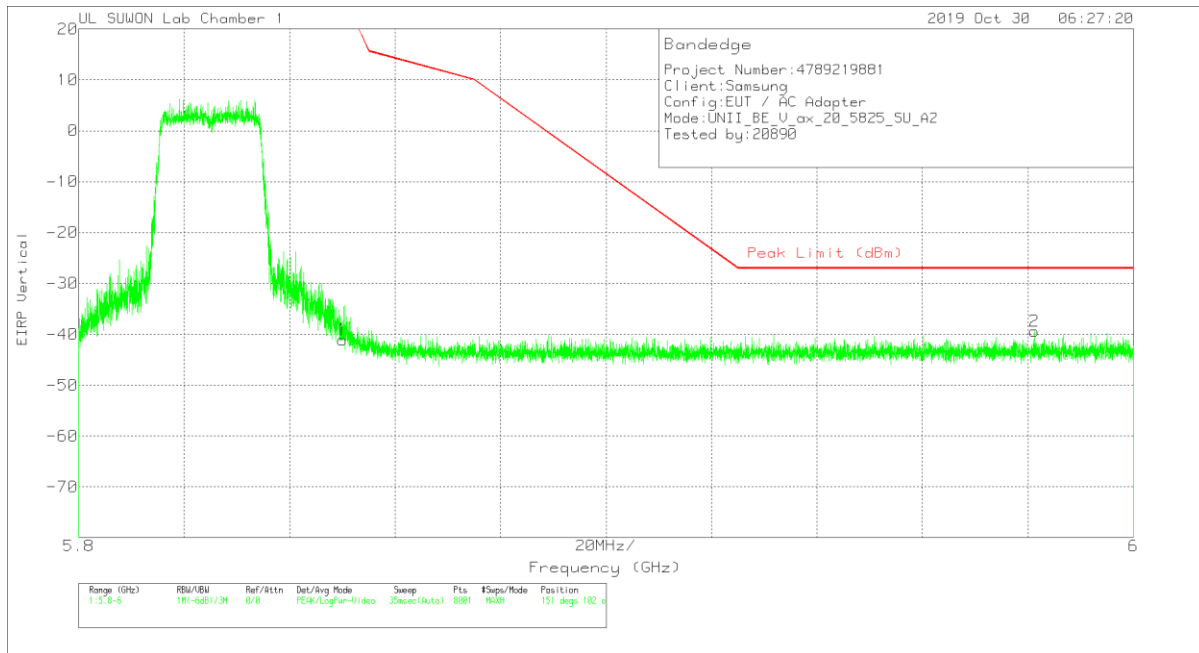
### HORIZONTAL DATA

#### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -61.86              | Pk  | 35            | -21          | 11.8                   | 0            | -36.06                 | 26.94            | -63            | 241            | 101         | H        |
| 2      | 5.95205         | -65.49              | Pk  | 35.1          | -20.8        | 11.8                   | 0            | -39.39                 | -27              | -12.39         | 241            | 101         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

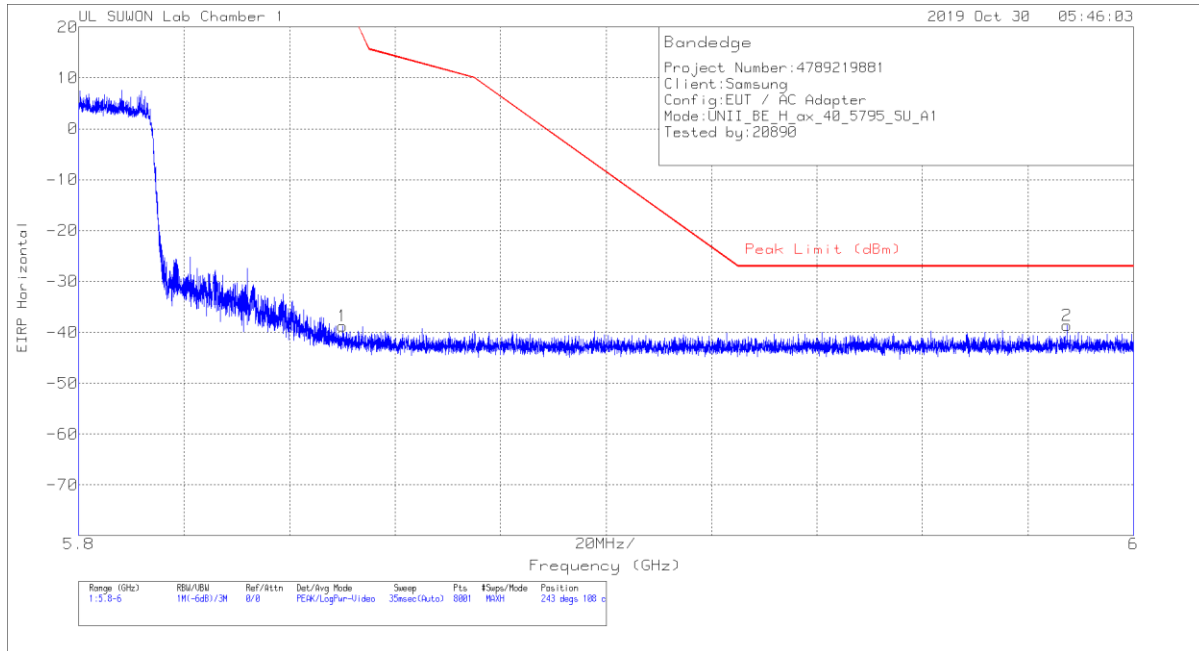
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -66.85              | Pk  | 35            | -21          | 11.8                   | 0            | -41.05                 | 26.94            | -67.99         | 151            | 102         | V        |
| 2      | 5.98118         | -65.73              | Pk  | 35.1          | -20.6        | 11.8                   | 0            | -39.43                 | -27              | -12.43         | 151            | 102         | V        |

Pk - Peak detector

# HE40 SU mode (ANT\_1)

## HORIZONTAL PEAK AND AVERAGE PLOT



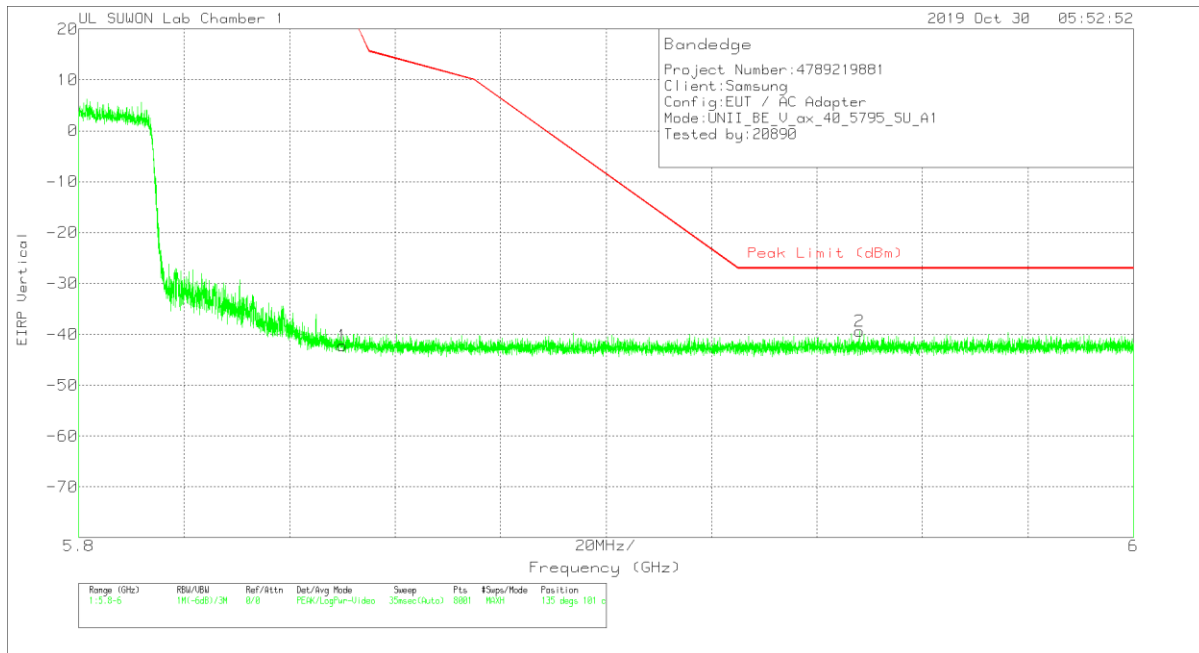
## HORIZONTAL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -64.58              | Pk  | 35            | -21          | 11.8                   | 0            | -38.78                 | 26.94            | -65.72         | 243            | 108         | H        |
| 2      | 5.9874          | -64.97              | Pk  | 35.1          | -20.6        | 11.8                   | 0            | -38.67                 | -27              | -11.67         | 243            | 108         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

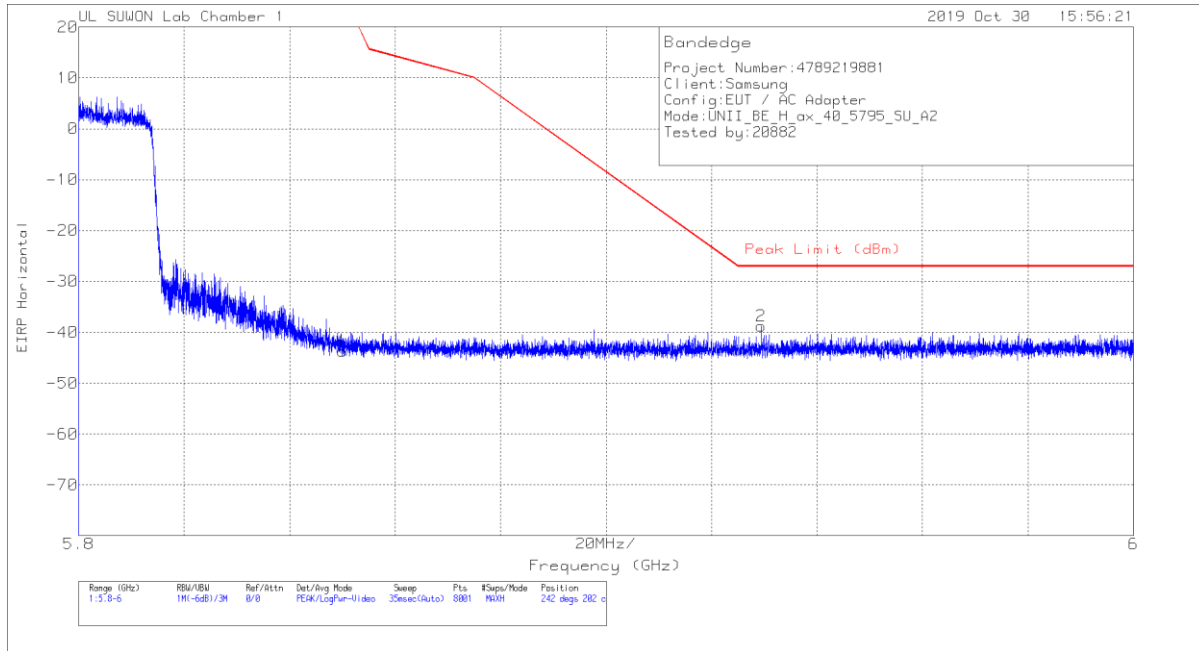
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -68.03              | Pk  | 35            | -21          | 11.8                   | 0            | -42.23                 | 26.94            | -69.17         | 135            | 101         | V        |
| 2      | 5.94803         | -65.61              | Pk  | 35.1          | -20.7        | 11.8                   | 0            | -39.41                 | -27              | -12.41         | 135            | 101         | V        |

Pk - Peak detector

# HE40 SU mode (ANT\_2)

## HORIZONTAL PEAK AND AVERAGE PLOT



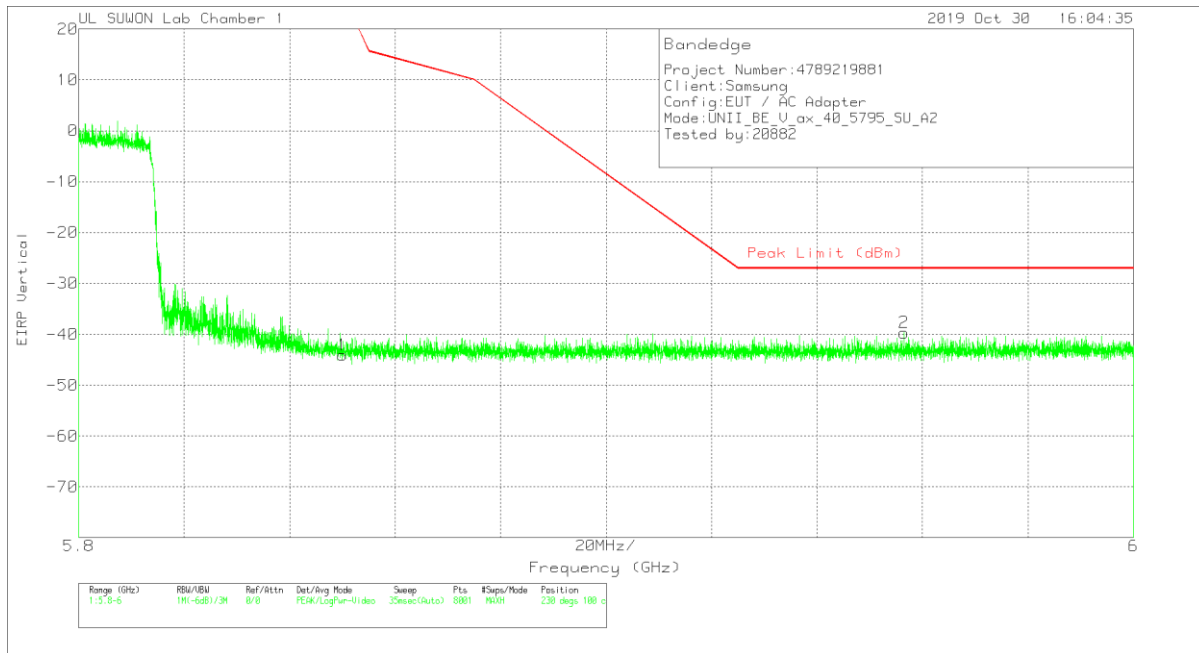
## HORIZONTAL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -69.5               | Pk  | 35            | -21          | 11.8                   | 0            | -43.7                  | 26.94            | -70.64         | 242            | 202         | H        |
| 2      | 5.9294          | -64.83              | Pk  | 35.1          | -20.8        | 11.8                   | 0            | -38.73                 | -27              | -11.73         | 242            | 202         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

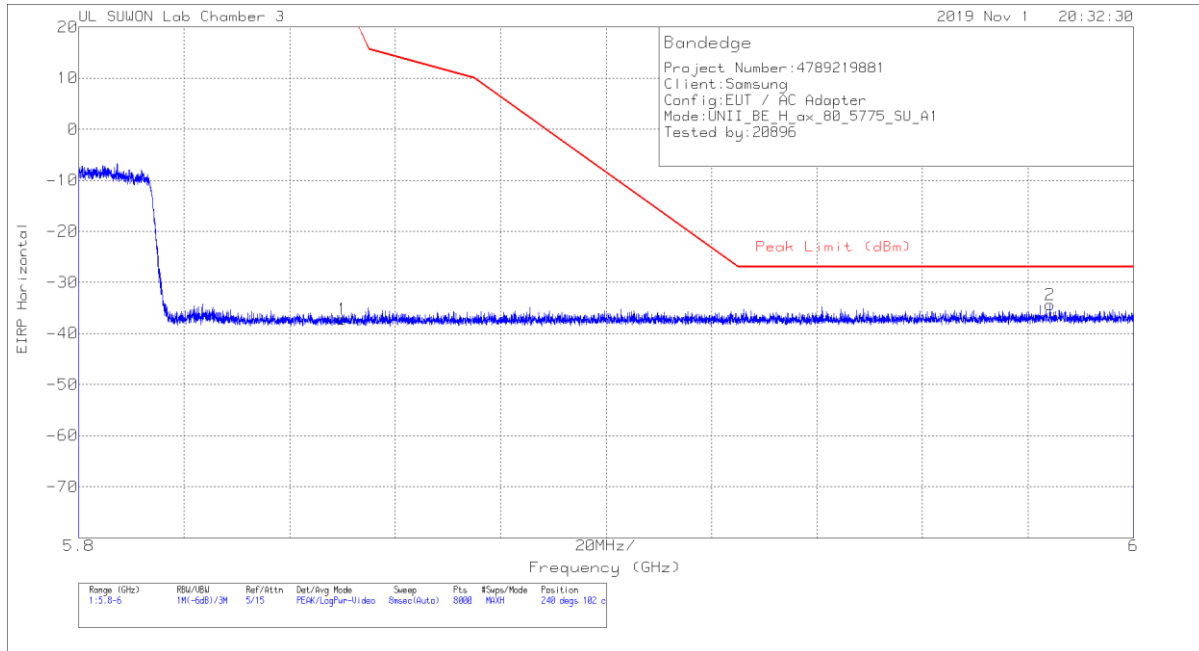
### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00168717 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -69.83              | Pk  | 35            | -21          | 11.8                   | 0            | -44.03                 | 26.94            | -70.97         | 230            | 100         | V        |
| 2      | 5.9565          | -65.79              | Pk  | 35.1          | -20.8        | 11.8                   | 0            | -39.69                 | -27              | -12.69         | 230            | 100         | V        |

Pk - Peak detector

# HE80 SU mode (ANT\_1)

## HORIZONTAL PEAK AND AVERAGE PLOT



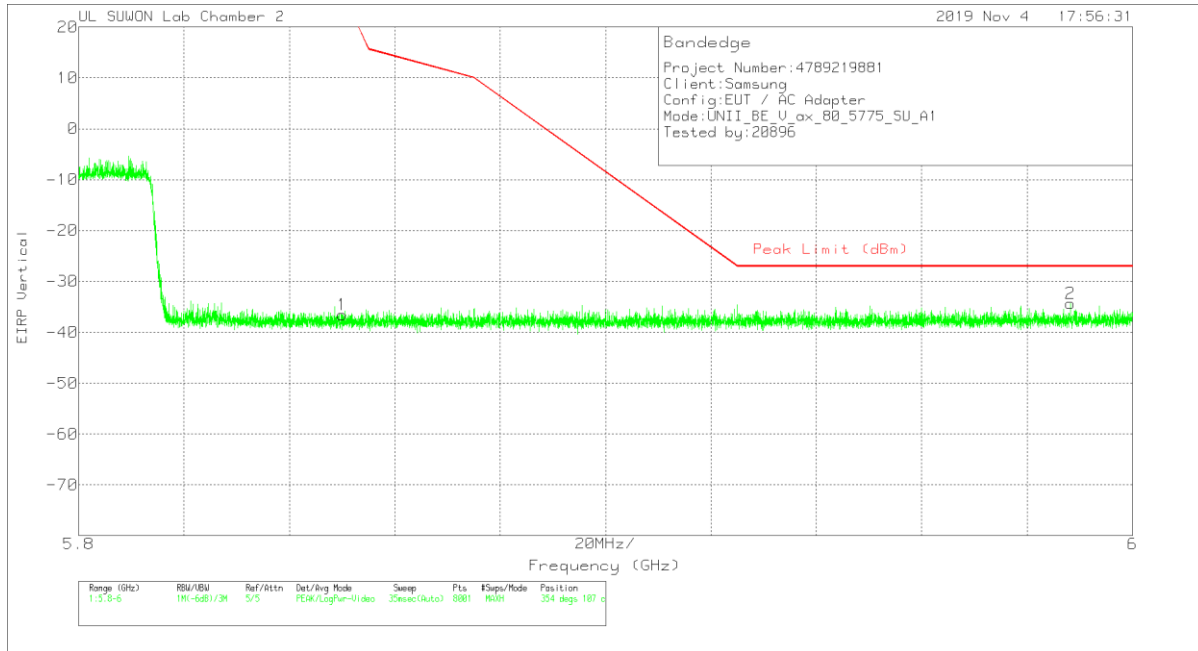
## HORIZONTAL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85001         | -66.75              | Pk  | 35            | -17.3        | 11.8                   | 0            | -37.25                 | 26.99            | -64.24         | 240            | 102         | H        |
| 2      | 5.98425         | -64.1               | Pk  | 35.1          | -17.2        | 11.8                   | 0            | -34.4                  | -27              | -7.4           | 240            | 102         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

### Trace Markers

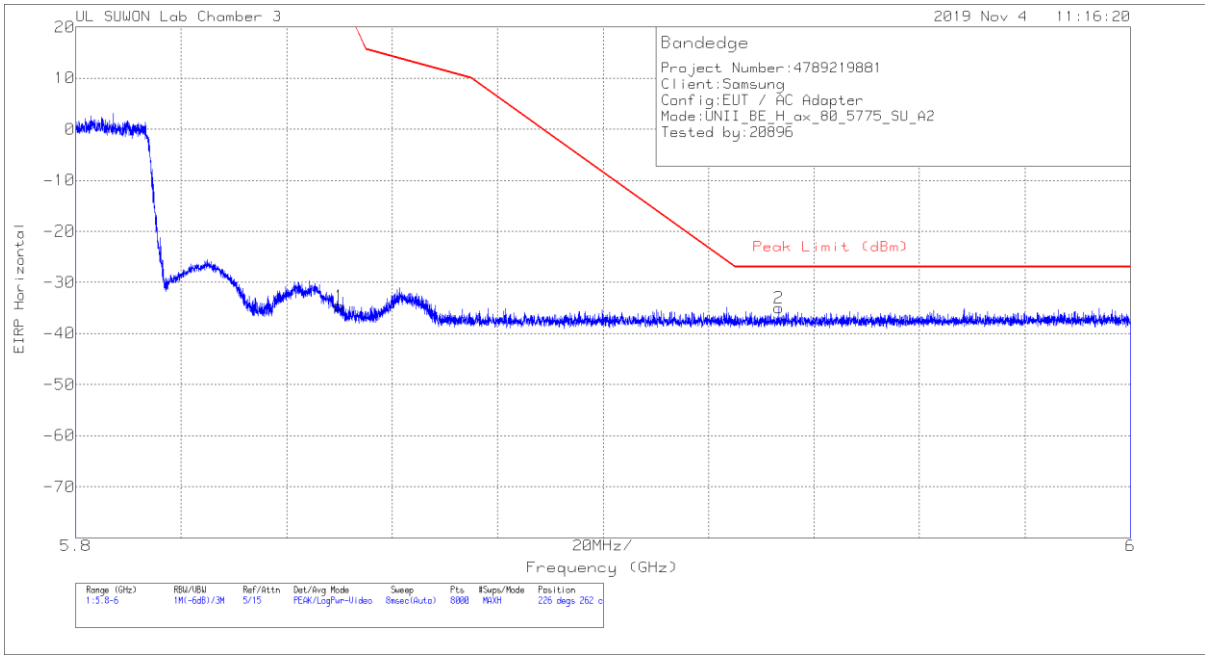
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 170531_3117[00 168724] | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|------------------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85003         | -65.59              | Pk  | 34.5                   | -17.3        | 11.8                   | 0            | -36.59                 | 26.94            | -63.53         | 354            | 107         | V        |
| 2      | 5.9882          | -63.68              | Pk  | 34.8                   | -17.2        | 11.8                   | 0            | -34.28                 | -27              | -7.28          | 354            | 107         | V        |

Pk - Peak detector



HE80 SU mode (ANT\_2)

HORIZONTAL PEAK AND AVERAGE PLOT



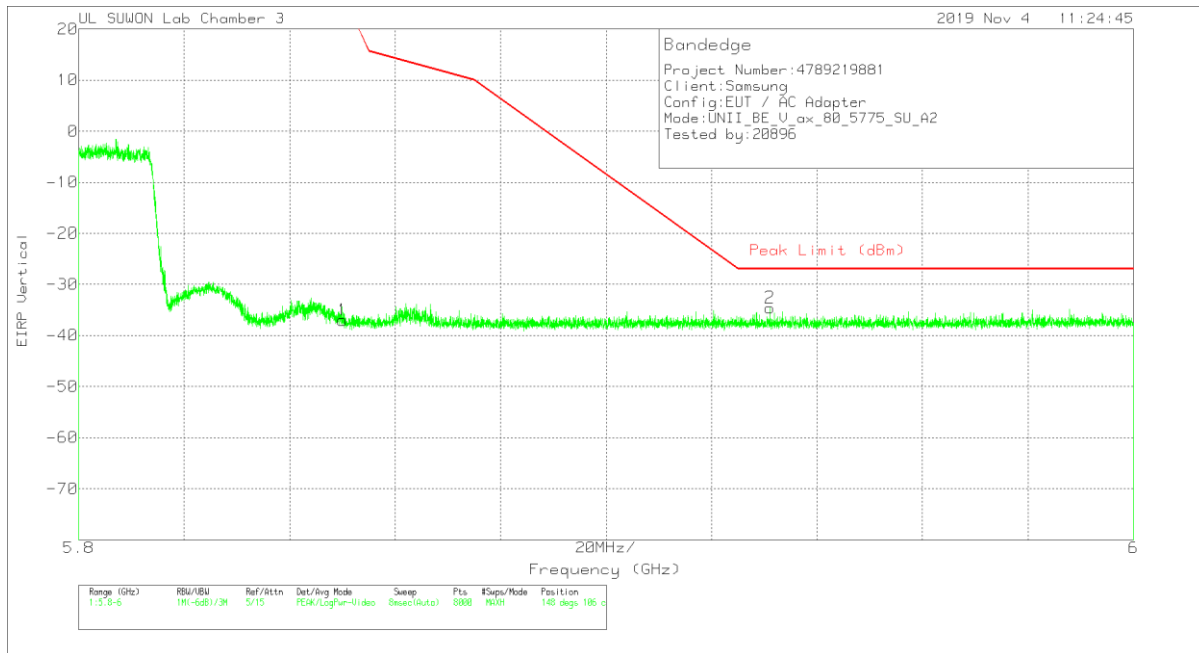
HORIZONTAL DATA

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85001         | -64.15              | Pk  | 35            | -17.3        | 11.8                   | 0            | -34.65                 | 26.99            | -61.64         | 226            | 262         | H        |
| 2      | 5.93332         | -64.68              | Pk  | 35.1          | -17.2        | 11.8                   | 0            | -34.98                 | -27              | -7.98          | 226            | 262         | H        |

Pk - Peak detector

## VERTICAL PEAK AND AVERAGE PLOT



## VERTICAL DATA

### Trace Markers

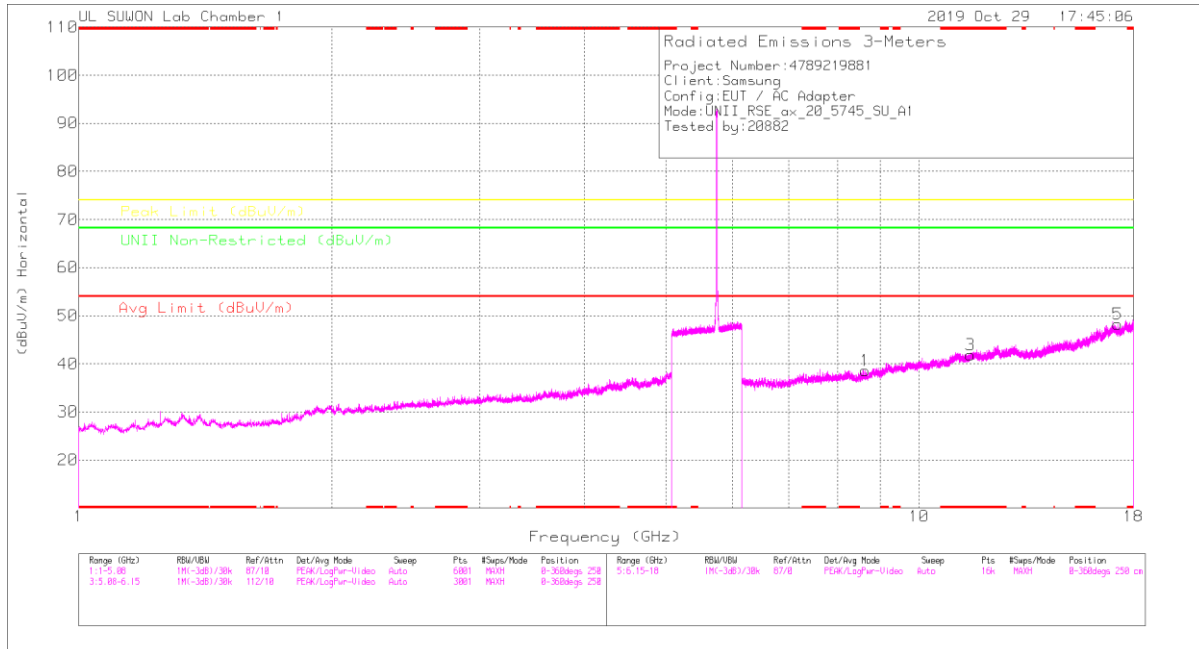
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 3117_00205959 | 10dB_ATT[dB] | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1      | 5.85001         | -66.51              | Pk  | 35            | -17.3        | 11.8                   | 0            | -37.01                 | 26.99            | -64            | 148            | 106         | V        |
| 2      | 5.93109         | -64.16              | Pk  | 35.1          | -17.3        | 11.8                   | 0            | -34.56                 | -27              | -7.56          | 148            | 106         | V        |

Pk - Peak detector

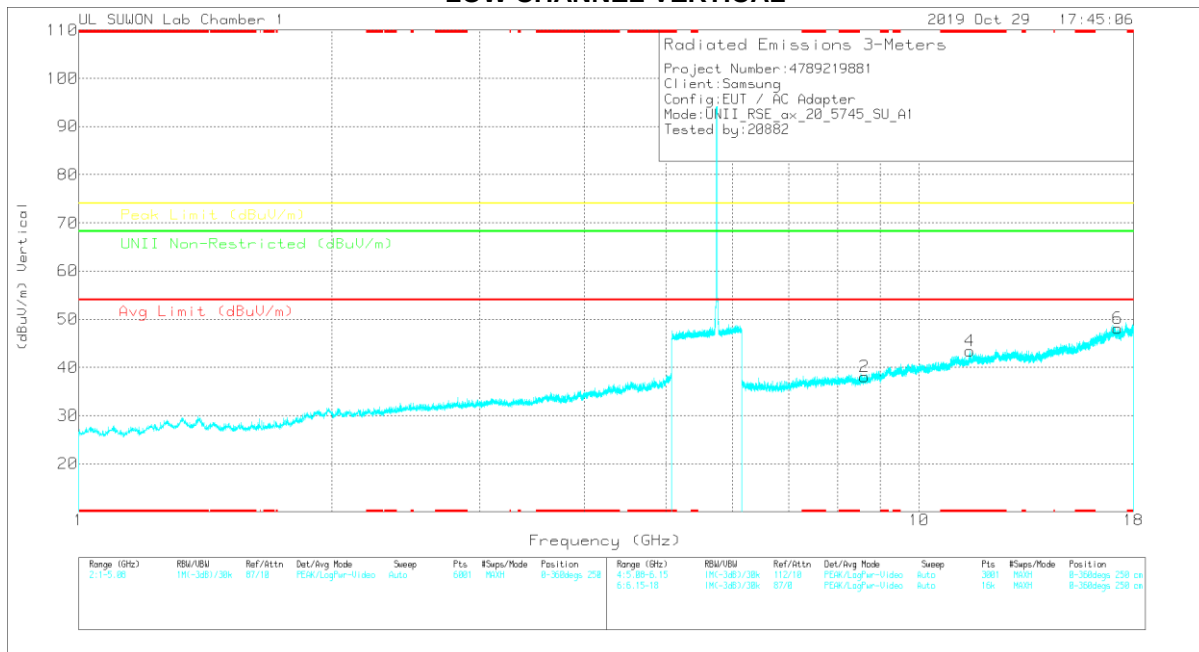
## 11.1.8. HARMONICS AND SPURIOUS EMISSIONS\_5.8GHz BAND

HE20 SU mode (ANT\_1)

### LOW CHANNEL HORIZONTAL



### LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## LOW CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBm) | Det | 3117_00368717 | 6GHz_HF986 | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 1      | 8.62427         | 27.16                | PK  | 36.3          | -24.9      | 0            | 38.56                   | -                  | -           | -                   | -           | 68.2                          | -29.64      | 0-360           | 250        | H        |
| 3      | * 11.50987      | 25.77                | PK  | 38.5          | -22.4      | 0            | 41.87                   | -                  | -           | 74                  | -32.13      | -                             | -           | 0-360           | 149        | H        |
| 5      | 17.24357        | 24.5                 | PK  | 41.3          | -17.5      | 0            | 45.3                    | -                  | -           | -                   | -           | 68.2                          | -19.9       | 0-360           | 149        | H        |
| 2      | 8.62057         | 26.65                | PK  | 36.3          | -24.9      | 0            | 38.05                   | -                  | -           | -                   | -           | 68.2                          | -30.15      | 0-360           | 150        | V        |
| 4      | * 11.49698      | 27.28                | PK  | 38.5          | -22.4      | 0            | 43.38                   | -                  | -           | 74                  | -30.62      | -                             | -           | 0-360           | 250        | V        |
| 6      | 17.23954        | 24.34                | PK  | 41.3          | -17.5      | 0            | 48.14                   | -                  | -           | -                   | -           | 68.2                          | -20.06      | 0-360           | 250        | V        |

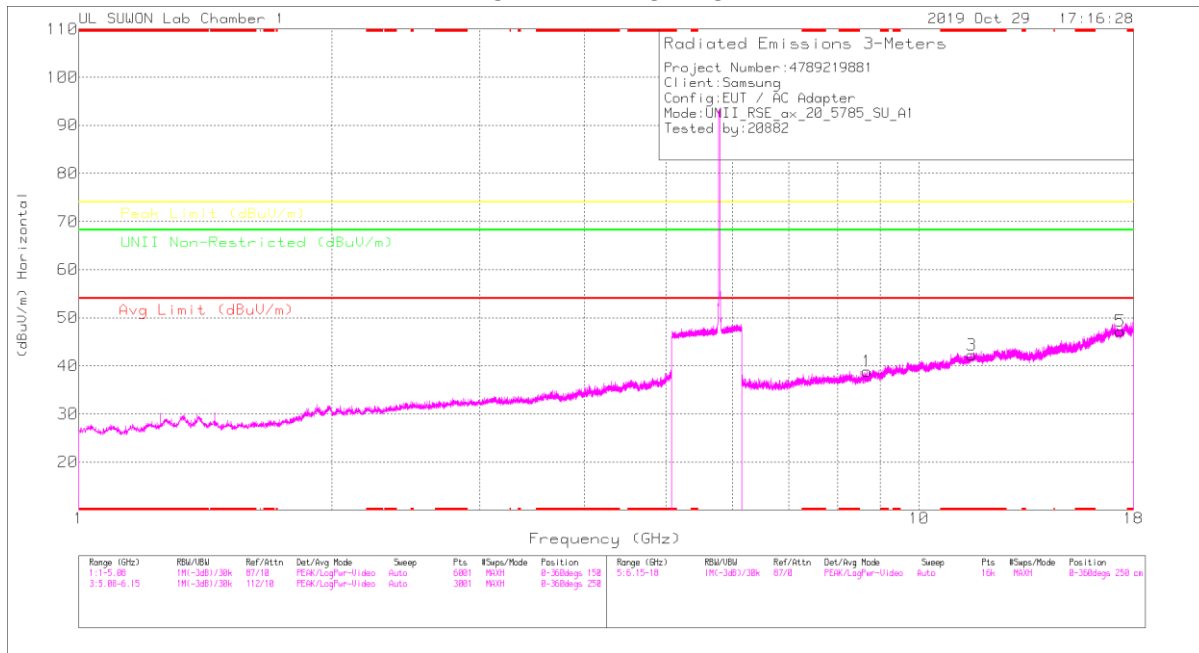
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

### Radiated Emissions

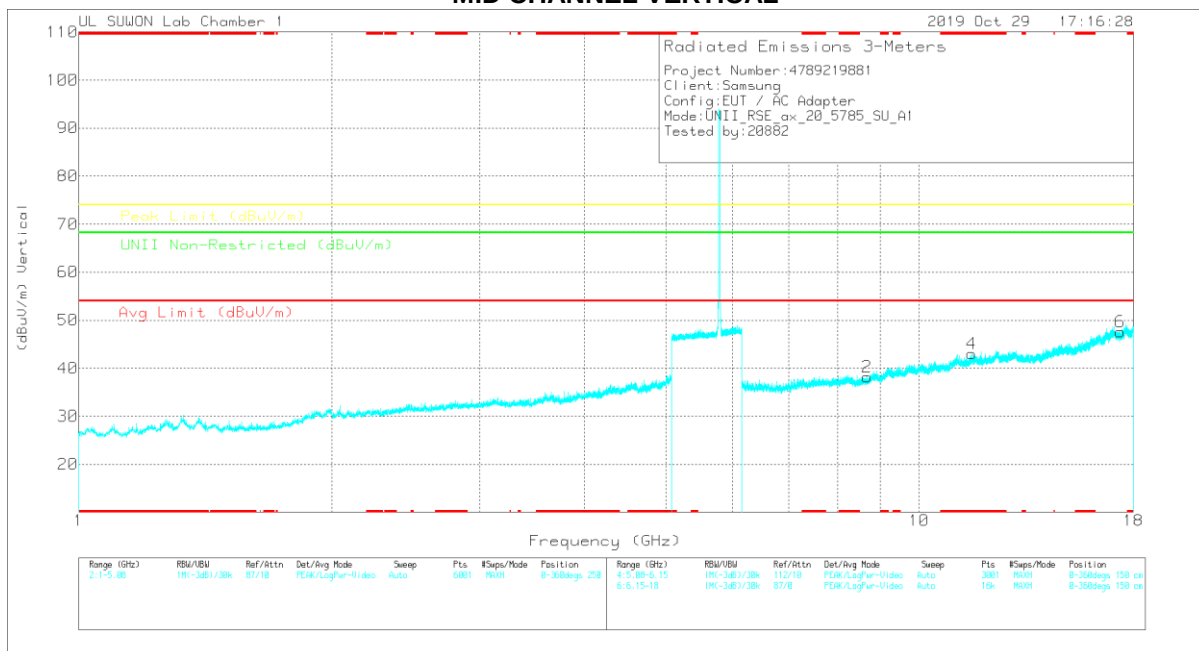
| Frequency (GHz) | Marker Reading (dBm) | Det  | 3117_00368717 | 6GHz_HF986 | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|-----------------|----------------------|------|---------------|------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 8.62505         | 36.6                 | PK-U | 36.3          | -24.8      | 0            | 48.1                    | -                  | -           | -                   | -           | 68.2                          | -20.1       | 0               | 100        | H        |
| 8.62239         | 36.66                | PK-U | 36.3          | -24.9      | 0            | 48.06                   | -                  | -           | -                   | -           | 68.2                          | -20.14      | 0               | 100        | V        |
| * 11.50992      | 36.23                | PK-U | 38.5          | -22.4      | 0            | 52.33                   | -                  | -           | 74                  | -21.87      | -                             | -           | 0               | 100        | H        |
| * 11.50959      | 35.73                | PK-U | 38.5          | -22.4      | 0            | 51.83                   | -                  | -           | 74                  | -22.17      | -                             | -           | 0               | 100        | V        |
| 17.24565        | 33.96                | PK-U | 41.3          | -17.5      | 0            | 57.76                   | -                  | -           | -                   | -           | 68.2                          | -10.44      | 0               | 100        | H        |
| 17.24527        | 34.13                | PK-U | 41.3          | -17.5      | 0            | 57.93                   | -                  | -           | -                   | -           | 68.2                          | -10.27      | 0               | 100        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak

### MID CHANNEL HORIZONTAL



### MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## MID CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBm) | Det | 3117_00188717 | 6GHz_HFdB | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Admatt (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|---------------|-------------|----------|
| 1      | 8.67463         | 27.96                | PK  | 36.4          | -25.5     | 0            | 36.86                   | -                  | -           | -                   | -           | 68.2                          | -29.34      | 0-360         | 250         | H        |
| 3      | * 11.56363      | 26.01                | PK  | 38.6          | -22.4     | 0            | 42.21                   | -                  | -           | 74                  | -31.79      | -                             | -           | 0-360         | 150         | H        |
| 5      | 17.3504         | 23.65                | PK  | 41.2          | -17.7     | 0            | 47.15                   | -                  | -           | -                   | -           | 68.2                          | -21.05      | 0-360         | 150         | H        |
| 2      | 8.67834         | 27.3                 | PK  | 36.4          | -25.5     | 0            | 38.2                    | -                  | -           | -                   | -           | 68.2                          | -30         | 0-360         | 150         | V        |
| 4      | * 11.56215      | 26.82                | PK  | 38.6          | -22.4     | 0            | 43.02                   | -                  | -           | 74                  | -30.98      | -                             | -           | 0-360         | 150         | V        |
| 6      | 17.35052        | 24.21                | PK  | 41.2          | -17.8     | 0            | 47.61                   | -                  | -           | -                   | -           | 68.2                          | -20.59      | 0-360         | 250         | V        |

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

PK – Peak Detector

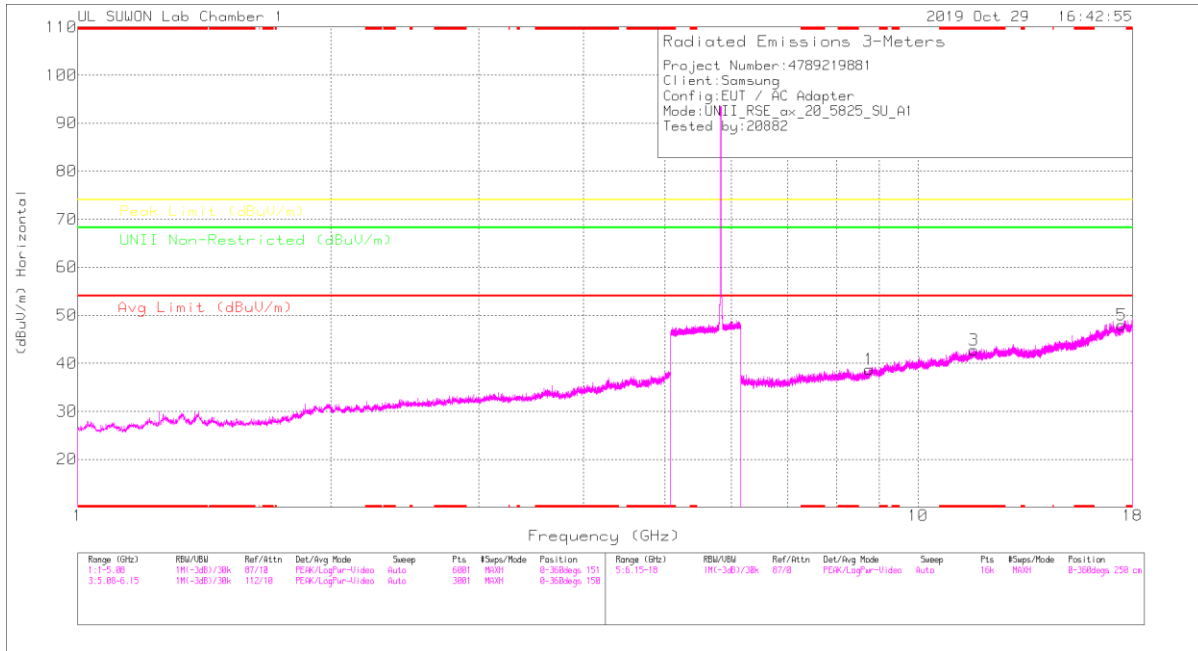
### Radiated Emissions

| Frequency (GHz) | Marker Reading (dBm) | Det  | 3117_00188717 | 6GHz_HFdB | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Admatt (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|---------------|-----------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|---------------|-------------|----------|
| 8.67662         | 37.33                | PK-U | 36.4          | -25.5     | 0            | 48.23                   | -                  | -           | -                   | -           | 68.2                          | -19.97      | 0             | 100         | H        |
| 8.67613         | 37.38                | PK-U | 36.4          | -25.5     | 0            | 48.28                   | -                  | -           | -                   | -           | 68.2                          | -19.92      | 0             | 100         | V        |
| * 11.56411      | 35.91                | PK-U | 38.6          | -22.4     | 0            | 52.11                   | -                  | -           | 74                  | -21.89      | -                             | -           | 0             | 100         | H        |
| * 11.56302      | 35.51                | PK-U | 38.6          | -22.4     | 0            | 51.74                   | -                  | -           | 74                  | -22.29      | -                             | -           | 0             | 100         | V        |
| 17.35037        | 34.39                | PK-U | 41.2          | -17.7     | 0            | 57.89                   | -                  | -           | -                   | -           | 68.2                          | -10.31      | 0             | 100         | H        |
| 17.35799        | 34.23                | PK-U | 41.2          | -17.8     | 0            | 57.63                   | -                  | -           | -                   | -           | 68.2                          | -10.57      | 0             | 100         | V        |

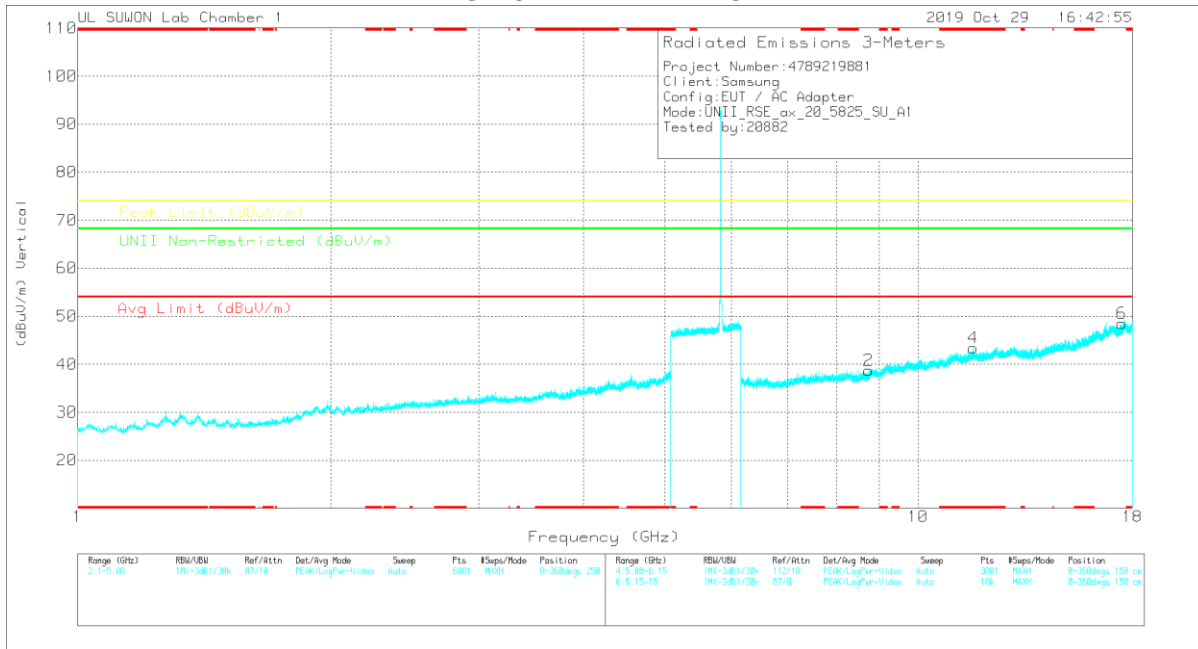
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## HIGH CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBm) | Det | 3117_00168717 | 6GHz_HF568 | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Azimuth (Degree) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|------------------|-------------|----------|
| 1      | 8.75314         | 27.7                 | PK  | 36.4          | -25.4      | 0            | 38.7                    | -                  | -           | -                   | -           | 68.2                          | -29.5       | 0-360            | 250         | H        |
| 3      | * 11.65361      | 25.77                | PK  | 38.7          | -21.7      | 0            | 42.77                   | -                  | -           | 74                  | -31.23      | -                             | -           | 0-360            | 250         | H        |
| 5      | 17.49049        | 22.55                | PK  | 41.2          | -17.5      | 0            | 47.55                   | -                  | -           | -                   | -           | 68.2                          | -20.25      | 0-360            | 250         | H        |
| 2      | 8.73092         | 28.06                | PK  | 36.4          | -25.7      | 0            | 38.76                   | -                  | -           | -                   | -           | 68.2                          | -29.44      | 0-360            | 250         | V        |
| 4      | * 11.64362      | 26.54                | PK  | 38.7          | -21.8      | 0            | 43.44                   | -                  | -           | 74                  | -30.56      | -                             | -           | 0-360            | 150         | V        |
| 6      | 17.48752        | 25.06                | PK  | 41.2          | -17.7      | 0            | 48.56                   | -                  | -           | -                   | -           | 68.2                          | -19.64      | 0-360            | 250         | V        |

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

PK – Peak Detector

### Radiated Emissions

| Frequency (GHz) | Marker Reading (dBm) | Det  | 3117_00168717 | 6GHz_HF568 | DC Corr (dB) | Corrected Reading (dBm) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Azimuth (Degree) | Height (cm) | Polarity |
|-----------------|----------------------|------|---------------|------------|--------------|-------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|------------------|-------------|----------|
| 8.75462         | 37.45                | PK-U | 36.4          | -25.4      | 0            | 48.45                   | -                  | -           | -                   | -           | 68.2                          | -19.75      | 0                | 100         | H        |
| 8.75478         | 37.27                | PK-U | 36.4          | -25.4      | 0            | 48.27                   | -                  | -           | -                   | -           | 68.2                          | -19.93      | 0                | 100         | V        |
| * 11.66371      | 35.61                | PK-U | 38.7          | -21.7      | 0            | 52.61                   | -                  | -           | 74                  | -21.39      | -                             | -           | 0                | 100         | H        |
| * 11.66393      | 35.6                 | PK-U | 38.7          | -21.7      | 0            | 52.6                    | -                  | -           | 74                  | -21.4       | -                             | -           | 0                | 100         | V        |
| 17.49167        | 34.07                | PK-U | 41.2          | -17.5      | 0            | 57.67                   | -                  | -           | -                   | -           | 68.2                          | -10.53      | 0                | 100         | H        |
| 17.49166        | 34.06                | PK-U | 41.2          | -17.6      | 0            | 57.68                   | -                  | -           | -                   | -           | 68.2                          | -10.52      | 0                | 100         | V        |

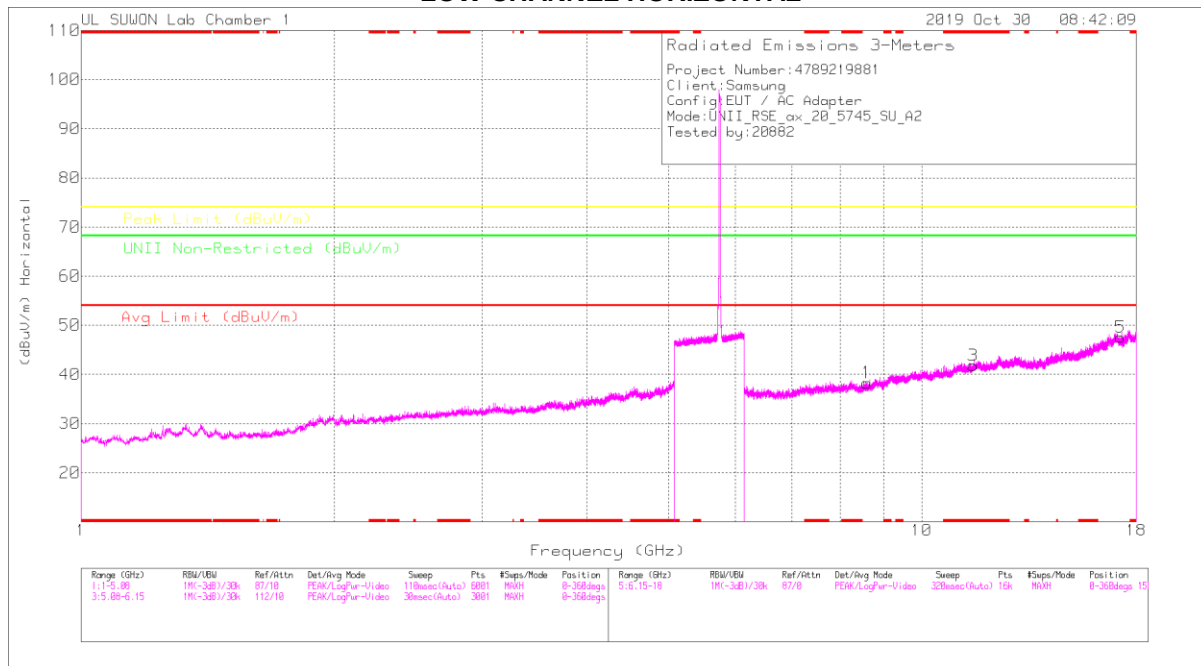
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

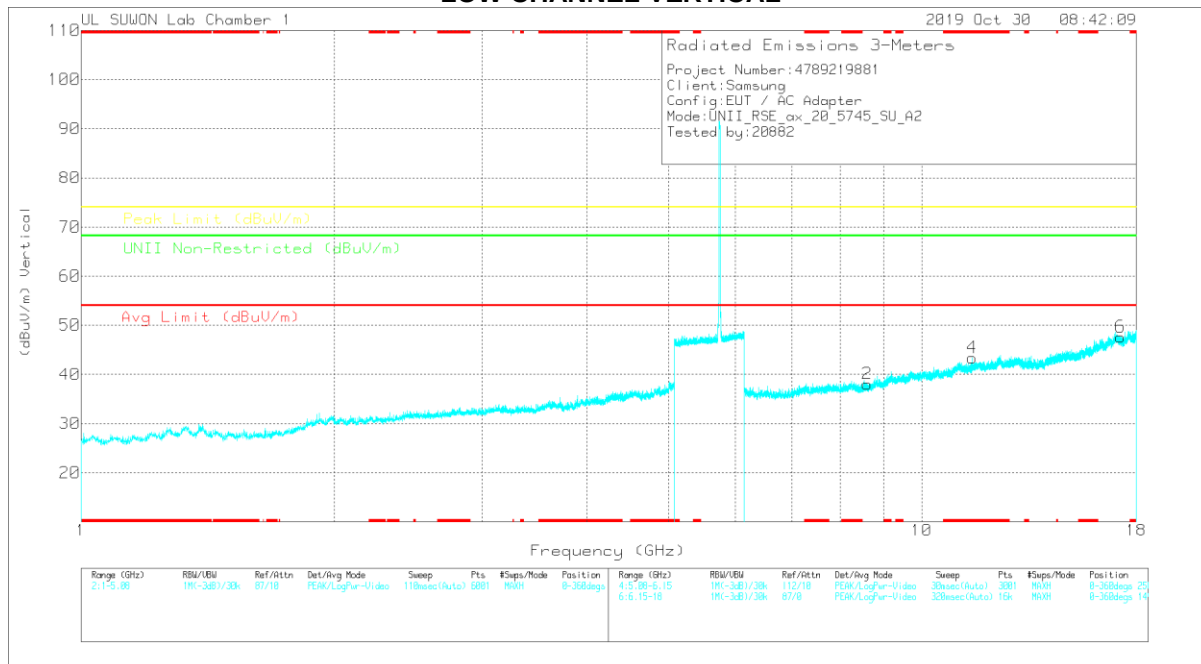


HE20 SU mode (ANT\_2)

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## LOW CHANNEL DATA

### Trace Markers

| Marker | Frequency (MHz) | Meas Reading (dBu) | Det | 3117_00168717 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 1      | 8.6065          | 26.68              | PK  | 36.3          | -24.7       | 0            | 36.28                      | -                  | -           | -                   | -           | 68.2                          | -29.92      | 0-350           | 250           | H        |
| 3      | *11.51105       | 25.71              | PK  | 38.5          | -22.4       | 0            | 41.81                      | -                  | -           | 74                  | -32.19      | -                             | -           | 0-350           | 150           | H        |
| 5      | 17.24017        | 23.88              | PK  | 41.3          | -17.6       | 0            | 47.58                      | -                  | -           | -                   | -           | 68.2                          | -20.62      | 0-350           | 250           | H        |
| 2      | 8.61835         | 26.65              | PK  | 36.3          | -24.9       | 0            | 36.55                      | -                  | -           | -                   | -           | 68.2                          | -30.15      | 0-350           | 250           | V        |
| 4      | *11.48217       | 27.11              | PK  | 38.5          | -22.2       | 0            | 43.41                      | -                  | -           | 74                  | -30.59      | -                             | -           | 0-350           | 250           | V        |
| 6      | 17.23276        | 23.93              | PK  | 41.3          | -17.6       | 0            | 47.63                      | -                  | -           | -                   | -           | 68.2                          | -20.57      | 0-350           | 250           | V        |

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

PK – Peak Detector

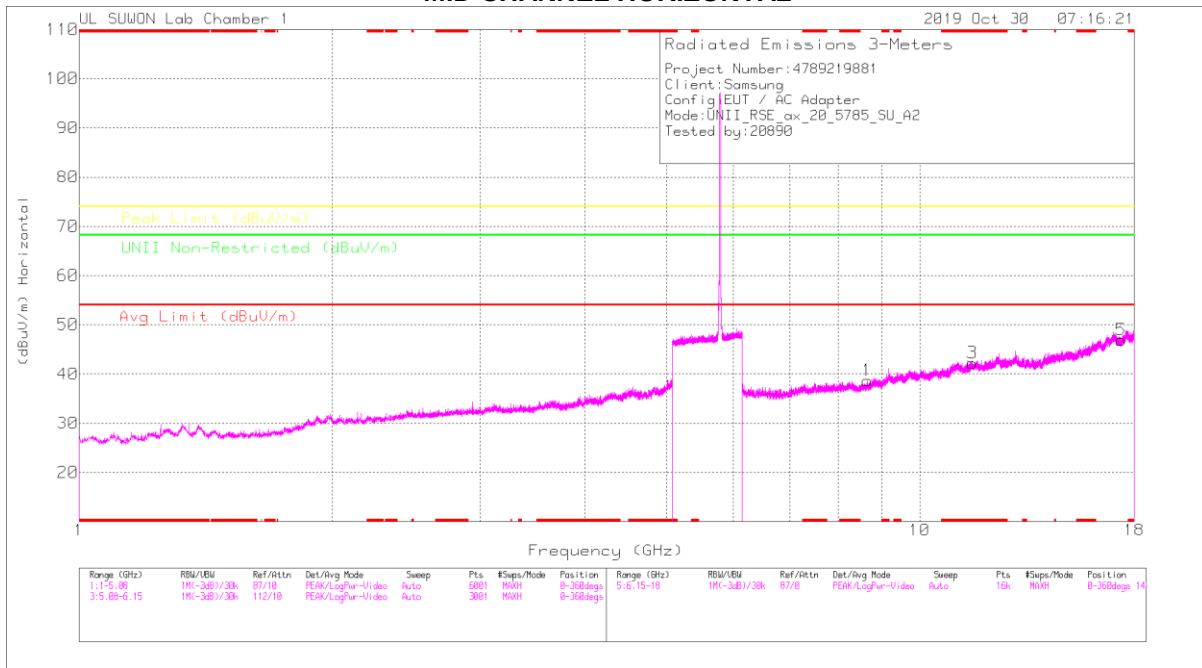
### Radiated Emissions

| Frequency (MHz) | Meas Reading (dBu) | Det  | 3117_00168717 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|-----------------|--------------------|------|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 8.60577         | 36.75              | PK-U | 36.3          | -24.7       | 0            | 48.35                      | -                  | -           | -                   | -           | 68.2                          | -19.85      | 0               | 100           | H        |
| 8.60462         | 37.4               | PK-U | 36.3          | -24.6       | 0            | 49.1                       | -                  | -           | -                   | -           | 68.2                          | -19.1       | 0               | 100           | V        |
| *11.50999       | 36.05              | PK-U | 38.5          | -22.4       | 0            | 52.15                      | -                  | -           | 74                  | -21.85      | -                             | -           | 0               | 100           | H        |
| *11.51006       | 36.25              | PK-U | 38.5          | -22.4       | 0            | 52.35                      | -                  | -           | 74                  | -21.65      | -                             | -           | 0               | 100           | V        |
| 17.23928        | 33.94              | PK-U | 41.3          | -17.6       | 0            | 57.64                      | -                  | -           | -                   | -           | 68.2                          | -10.56      | 0               | 100           | H        |
| 17.23985        | 34.11              | PK-U | 41.3          | -17.6       | 0            | 57.84                      | -                  | -           | -                   | -           | 68.2                          | -10.39      | 0               | 100           | V        |

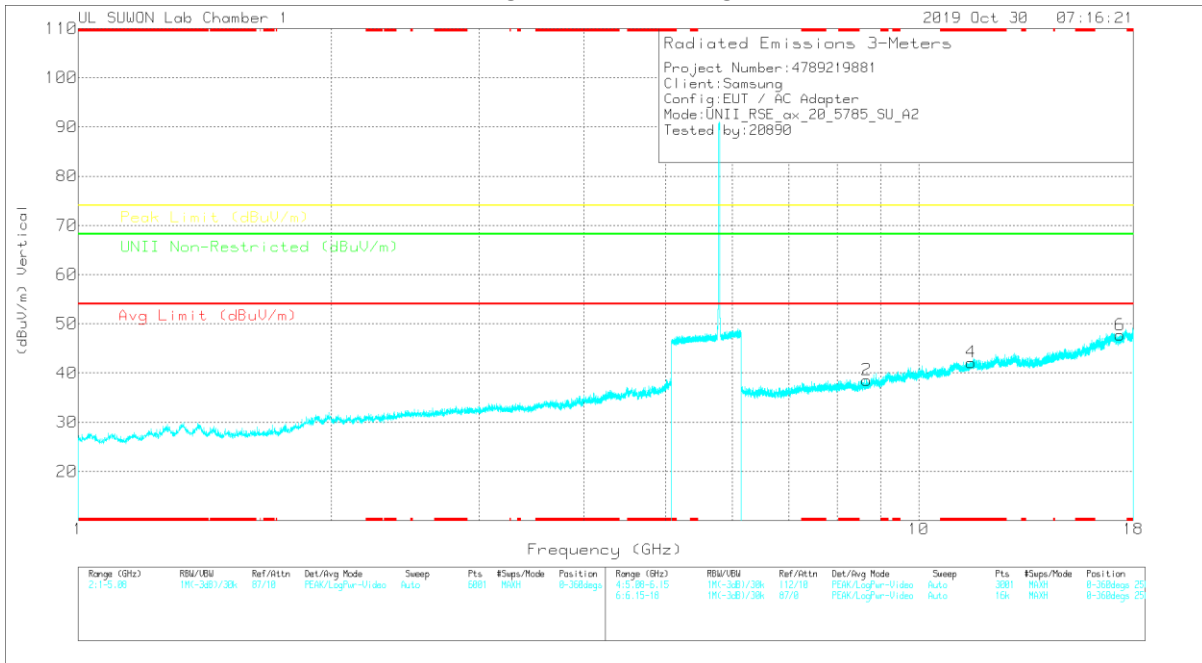
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

### MID CHANNEL HORIZONTAL



### MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## MID CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBu) | Det | 3117_00188717 | 6GHz_HF(48) | DC Corr (dB) | Corrected Reading (dBu/m) | Avg Limit (dBu/m) | Margin (dB) | Peak Limit (dBu/m) | Margin (dB) | Limit Non-Restricted (dBu/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|---------------------------|-------------------|-------------|--------------------|-------------|------------------------------|-------------|-----------------|---------------|----------|
| 1      | 8.68427         | 27.35              | PK  | 36.4          | -25.1       | 0            | 38.65                     | -                 | -           | -                  | -           | 68.2                         | -29.55      | 0-360           | 149           | H        |
| 3      | *11.5503        | 26.05              | PK  | 38.6          | -22.4       | 0            | 42.25                     | -                 | -           | 74                 | -31.75      | -                            | -           | 0-360           | 250           | H        |
| 5      | 17.36459        | 23.4               | PK  | 41.2          | -17.7       | 0            | 46.9                      | -                 | -           | -                  | -           | 68.2                         | -21.3       | 0-360           | 149           | H        |
| 2      | 8.67093         | 27.46              | PK  | 36.4          | -25.3       | 0            | 38.56                     | -                 | -           | -                  | -           | 68.2                         | -29.64      | 0-360           | 149           | V        |
| 4      | *11.54734       | 25.95              | PK  | 38.5          | -22.3       | 0            | 42.15                     | -                 | -           | 74                 | -31.85      | -                            | -           | 0-360           | 250           | V        |
| 6      | 17.3483         | 24.31              | PK  | 41.2          | -17.8       | 0            | 47.71                     | -                 | -           | -                  | -           | 68.2                         | -20.49      | 0-360           | 250           | V        |

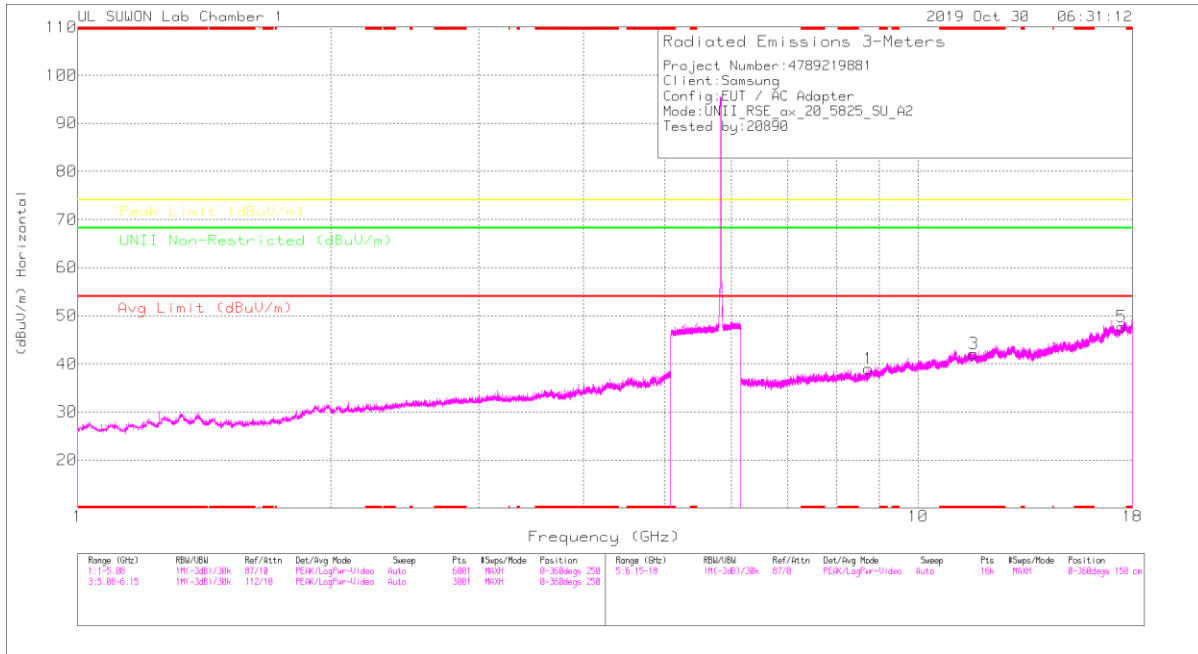
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

### Radiated Emissions

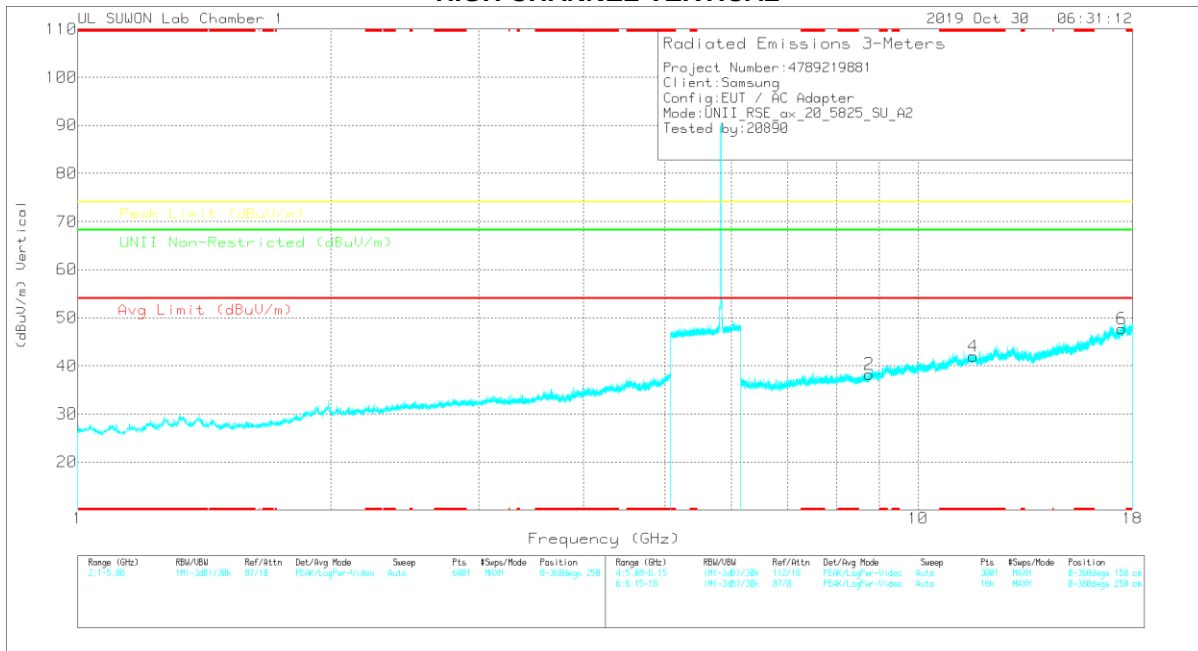
| Frequency (GHz) | Meas Reading (dBu/m) | Det  | 3117_00188717 | 6GHz_HF(48) | DC Corr (dB) | Corrected Reading (dBu/m) | Avg Limit (dBu/m) | Margin (dB) | Peak Limit (dBu/m) | Margin (dB) | Limit Non-Restricted (dBu/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|-----------------|----------------------|------|---------------|-------------|--------------|---------------------------|-------------------|-------------|--------------------|-------------|------------------------------|-------------|-----------------|---------------|----------|
| 8.66558         | 37.51                | PK-U | 36.4          | -25.1       | 0            | 48.81                     | -                 | -           | -                  | -           | 68.2                         | -18.39      | 0               | 100           | H        |
| 8.66535         | 37.25                | PK-U | 36.4          | -25.1       | 0            | 48.55                     | -                 | -           | -                  | -           | 68.2                         | -18.65      | 0               | 100           | V        |
| *11.55219       | 35.85                | PK-U | 38.6          | -22.3       | 0            | 52.15                     | -                 | -           | 74                 | -21.85      | -                            | -           | 0               | 100           | H        |
| *11.54845       | 35.72                | PK-U | 38.5          | -22.3       | 0            | 51.92                     | -                 | -           | 74                 | -22.08      | -                            | -           | 0               | 100           | V        |
| 17.36547        | 33.9                 | PK-U | 41.2          | -17.7       | 0            | 57.4                      | -                 | -           | -                  | -           | 68.2                         | -10.8       | 0               | 100           | H        |
| 17.3664         | 34.55                | PK-U | 41.2          | -17.7       | 0            | 58.05                     | -                 | -           | -                  | -           | 68.2                         | -10.15      | 0               | 100           | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak

### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## HIGH CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBm) | Det | 3117_00388717 | 6GHz_HPSM | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|--------|-----------------|----------------------|-----|---------------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 1      | 8.73684         | 28.25                | PK  | 36.4          | -25.7     | 0            | 38.95                      | -                  | -           | -                   | -           | 68.2                          | -29.25      | 0-360           | 150           | H        |
| 3      | * 11.66139      | 25.18                | PK  | 38.7          | -21.8     | 0            | 42.08                      | -                  | -           | 74                  | -31.92      | -                             | -           | 0-360           | 250           | H        |
| 5      | 17.46679        | 24.11                | PK  | 41.2          | -17.6     | 0            | 47.71                      | -                  | -           | -                   | -           | 68.2                          | -20.49      | 0-360           | 150           | H        |
| 2      | 8.74200         | 27.57                | PK  | 36.4          | -25.7     | 0            | 38.27                      | -                  | -           | -                   | -           | 68.2                          | -29.93      | 0-360           | 250           | V        |
| 4      | * 11.64065      | 25.16                | PK  | 38.7          | -21.9     | 0            | 41.96                      | -                  | -           | 74                  | -32.04      | -                             | -           | 0-360           | 150           | V        |
| 6      | 17.47642        | 24.17                | PK  | 41.2          | -17.6     | 0            | 47.77                      | -                  | -           | -                   | -           | 68.2                          | -20.43      | 0-360           | 250           | V        |

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

PK – Peak Detector

### Radiated Emissions

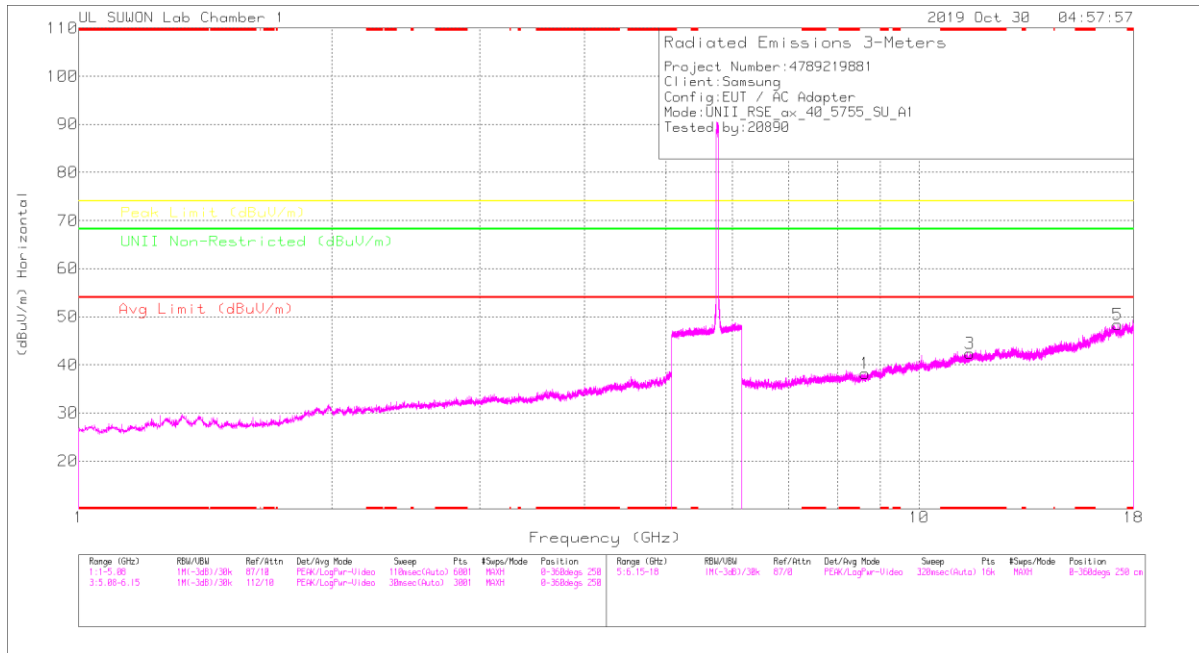
| Frequency (GHz) | Marker Reading (dBm) | Det  | 3117_00388717 | 6GHz_HPSM | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|-----------------|----------------------|------|---------------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 8.73729         | 37.61                | PK-U | 36.4          | -25.7     | 0            | 48.31                      | -                  | -           | -                   | -           | 68.2                          | -19.89      | 0               | 100           | H        |
| 8.73649         | 37.92                | PK-U | 36.4          | -25.7     | 0            | 49.02                      | -                  | -           | -                   | -           | 68.2                          | -20.18      | 0               | 100           | V        |
| * 11.66295      | 35.88                | PK-U | 38.7          | -21.7     | 0            | 52.88                      | -                  | -           | 74                  | -21.12      | -                             | -           | 0               | 100           | H        |
| * 11.66311      | 35.47                | PK-U | 38.7          | -21.7     | 0            | 52.47                      | -                  | -           | 74                  | -21.53      | -                             | -           | 0               | 100           | V        |
| 17.46744        | 34.7                 | PK-U | 41.2          | -17.6     | 0            | 58.3                       | -                  | -           | -                   | -           | 68.2                          | -9.9        | 0               | 100           | H        |
| 17.4665         | 34.15                | PK-U | 41.2          | -17.6     | 0            | 57.75                      | -                  | -           | -                   | -           | 68.2                          | -10.45      | 0               | 100           | V        |

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

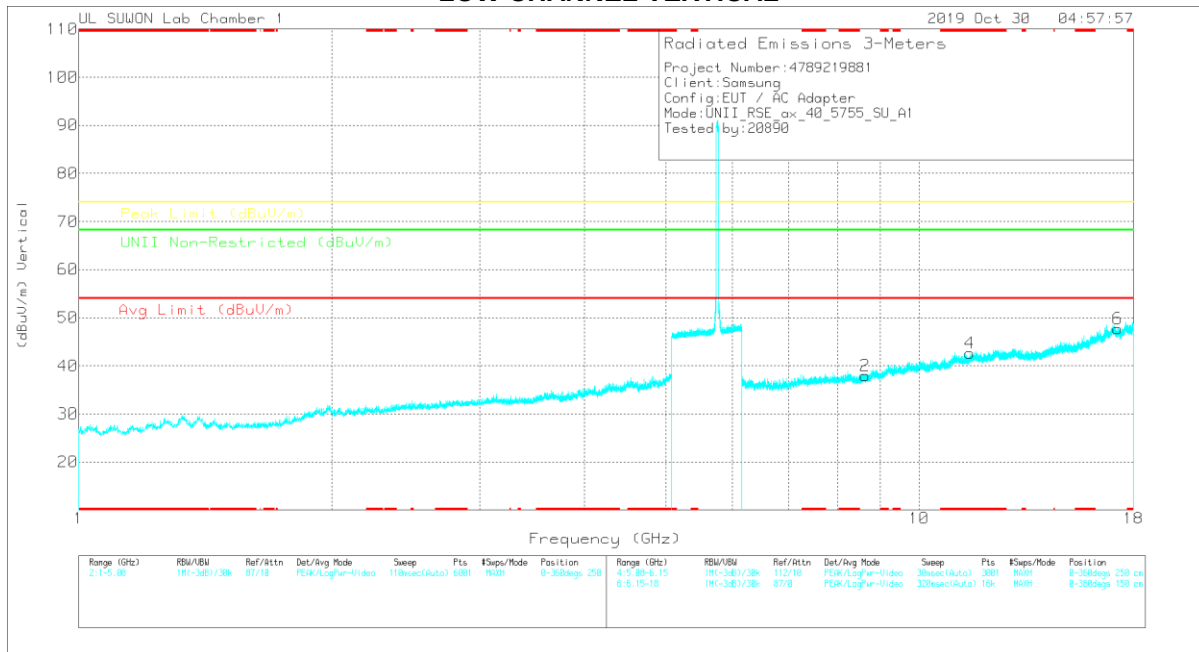
PK-U - U-NII: Maximum Peak

# HE40 SU mode (ANT\_1)

## LOW CHANNEL HORIZONTAL



## LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## LOW CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBu) | Det | 3117_00188717 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 1      | 8.63094         | 26.78              | PK  | 36.3          | -24.9       | 0            | 36.18                      | -                  | -           | -                   | -           | 68.2                          | -30.02      | 0-350           | 250        | H        |
| 3      | * 11.50365      | 26.26              | PK  | 38.5          | -22.4       | 0            | 42.36                      | -                  | -           | 74                  | -31.64      | -                             | -           | 0-350           | 250        | H        |
| 5      | 17.2498         | 24.61              | PK  | 41.3          | -17.5       | 0            | 49.41                      | -                  | -           | -                   | -           | 68.2                          | -19.79      | 0-350           | 250        | H        |
| 2      | 8.63168         | 26.55              | PK  | 36.3          | -24.9       | 0            | 37.96                      | -                  | -           | -                   | -           | 68.2                          | -30.24      | 0-350           | 250        | V        |
| 4      | * 11.49688      | 26.52              | PK  | 38.5          | -22.4       | 0            | 42.62                      | -                  | -           | 74                  | -31.38      | -                             | -           | 0-350           | 250        | V        |
| 6      | 17.25202        | 23.8               | PK  | 41.3          | -17.4       | 0            | 47.7                       | -                  | -           | -                   | -           | 68.2                          | -20.5       | 0-350           | 150        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

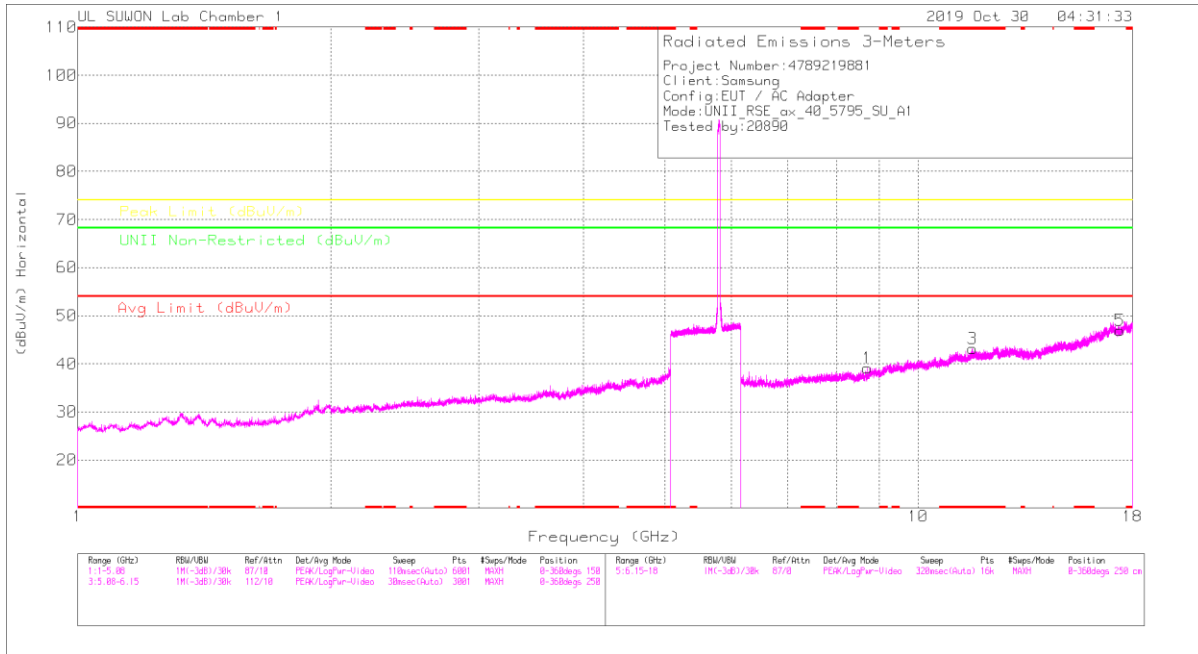
### Radiated Emissions

| Frequency (GHz) | Meas Reading (dBu) | Det  | 3117_00188717 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|-----------------|--------------------|------|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 8.62885         | 37.08              | PK-U | 36.3          | -24.9       | 0            | 48.48                      | -                  | -           | -                   | -           | 68.2                          | -19.72      | 0               | 100        | H        |
| 8.63003         | 36.81              | PK-U | 36.3          | -24.9       | 0            | 48.21                      | -                  | -           | -                   | -           | 68.2                          | -19.99      | 0               | 100        | V        |
| * 11.50429      | 36.26              | PK-U | 38.5          | -22.4       | 0            | 52.36                      | -                  | -           | 74                  | -21.64      | -                             | -           | 0               | 100        | H        |
| * 11.50449      | 35.83              | PK-U | 38.5          | -22.4       | 0            | 51.93                      | -                  | -           | 74                  | -22.07      | -                             | -           | 0               | 100        | V        |
| 17.25058        | 34.05              | PK-U | 41.3          | -17.5       | 0            | 57.85                      | -                  | -           | -                   | -           | 68.2                          | -10.35      | 0               | 100        | H        |
| 17.2506         | 34.62              | PK-U | 41.3          | -17.5       | 0            | 58.42                      | -                  | -           | -                   | -           | 68.2                          | -9.78       | 0               | 100        | V        |

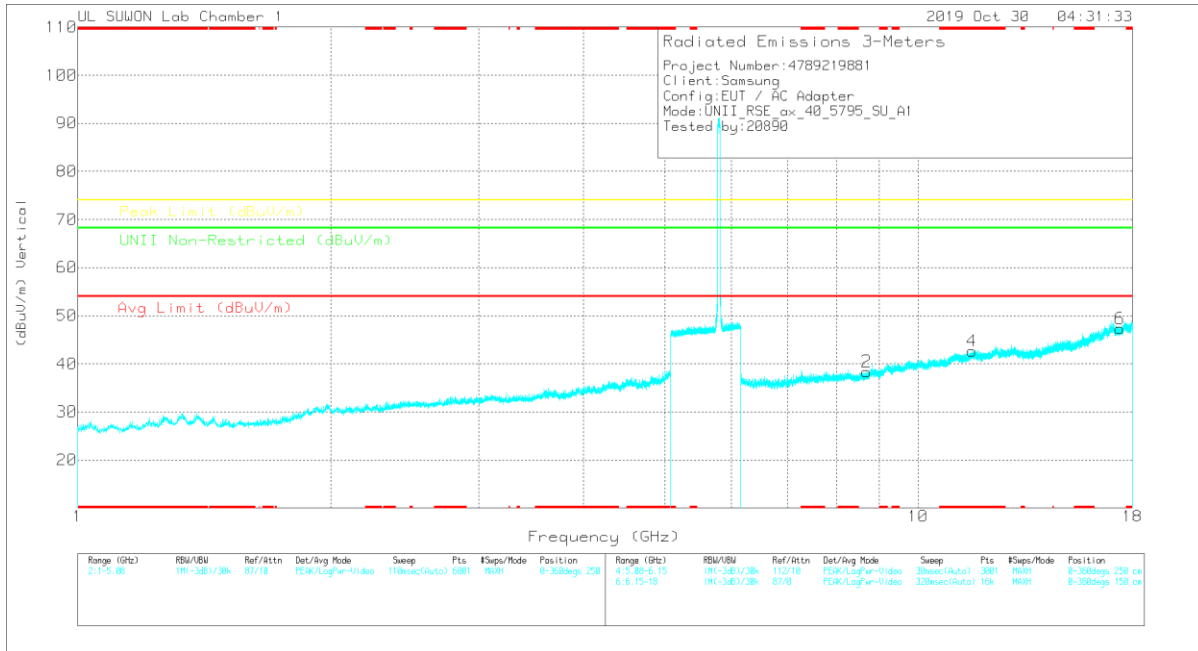
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak



# HIGH CHANNEL HORIZONTAL



# HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## HIGH CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBu) | Det | 3117_00188717 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 1      | 8.70055         | 28.37              | PK  | 36.4          | -25.7       | 0            | 39.07                      | -                  | -           | -                   | -           | 68.2                          | -29.13      | 0-350           | 250        | H        |
| 3      | *11.60659       | 26.58              | PK  | 38.6          | -22         | 0            | 43.18                      | -                  | -           | 74                  | -30.82      | -                             | -           | 0-350           | 250        | H        |
| 5      | 17.40532        | 23.54              | PK  | 41.2          | -17.8       | 0            | 46.94                      | -                  | -           | -                   | -           | 68.2                          | -21.26      | 0-350           | 250        | H        |
| 2      | 8.68807         | 27.6               | PK  | 36.4          | -25.6       | 0            | 38.4                       | -                  | -           | -                   | -           | 68.2                          | -29.8       | 0-350           | 250        | V        |
| 4      | *11.58907       | 26.21              | PK  | 38.6          | -22.2       | 0            | 42.61                      | -                  | -           | 74                  | -31.39      | -                             | -           | 0-350           | 250        | V        |
| 6      | 17.38532        | 23.78              | PK  | 41.2          | -17.7       | 0            | 47.28                      | -                  | -           | -                   | -           | 68.2                          | -20.92      | 0-350           | 150        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

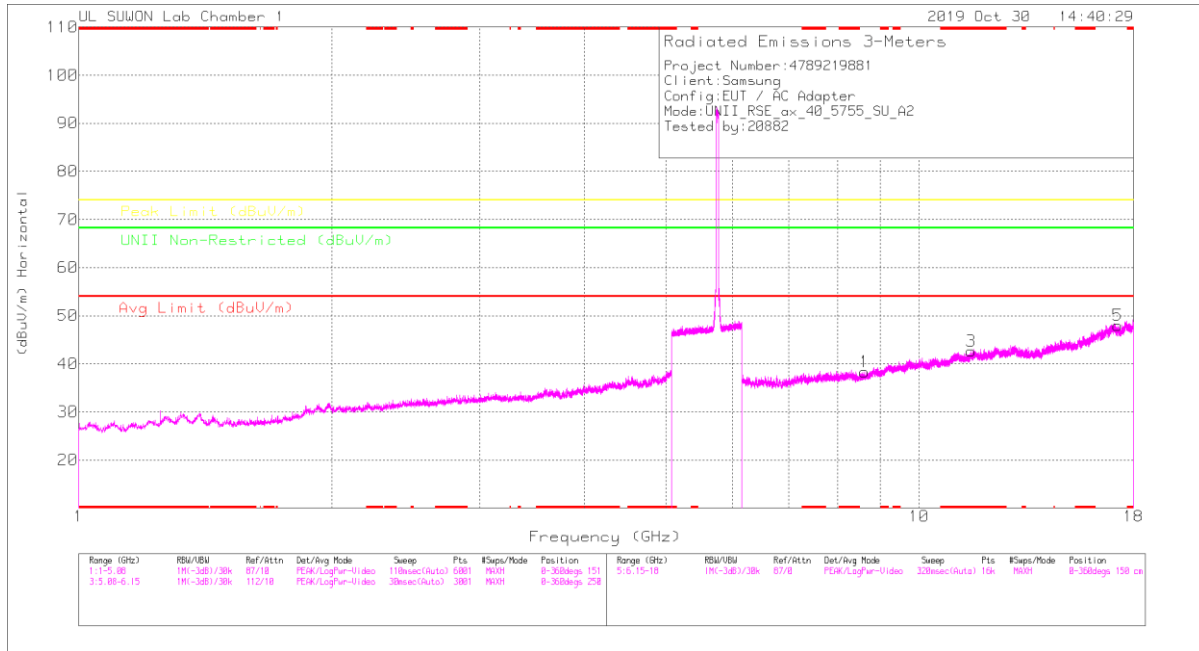
### Radiated Emissions

| Frequency (GHz) | Meas Reading (dBu) | Det  | 3117_00188717 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (m) | Polarity |
|-----------------|--------------------|------|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|------------|----------|
| 8.69968         | 37.24              | PK-U | 36.4          | -25.6       | 0            | 48.04                      | -                  | -           | -                   | -           | 68.2                          | -20.16      | 0               | 100        | H        |
| 8.70036         | 37.24              | PK-U | 36.4          | -25.7       | 0            | 47.94                      | -                  | -           | -                   | -           | 68.2                          | -20.26      | 0               | 100        | V        |
| *11.60556       | 35.79              | PK-U | 38.6          | -22         | 0            | 53.39                      | -                  | -           | 74                  | -20.61      | -                             | -           | 0               | 100        | H        |
| *11.60527       | 35.57              | PK-U | 38.6          | -22         | 0            | 52.17                      | -                  | -           | 74                  | -21.83      | -                             | -           | 0               | 100        | V        |
| 17.40553        | 34.62              | PK-U | 41.2          | -17.8       | 0            | 58.02                      | -                  | -           | -                   | -           | 68.2                          | -10.18      | 0               | 100        | H        |
| 17.40345        | 34.46              | PK-U | 41.2          | -17.8       | 0            | 57.86                      | -                  | -           | -                   | -           | 68.2                          | -10.34      | 0               | 100        | V        |

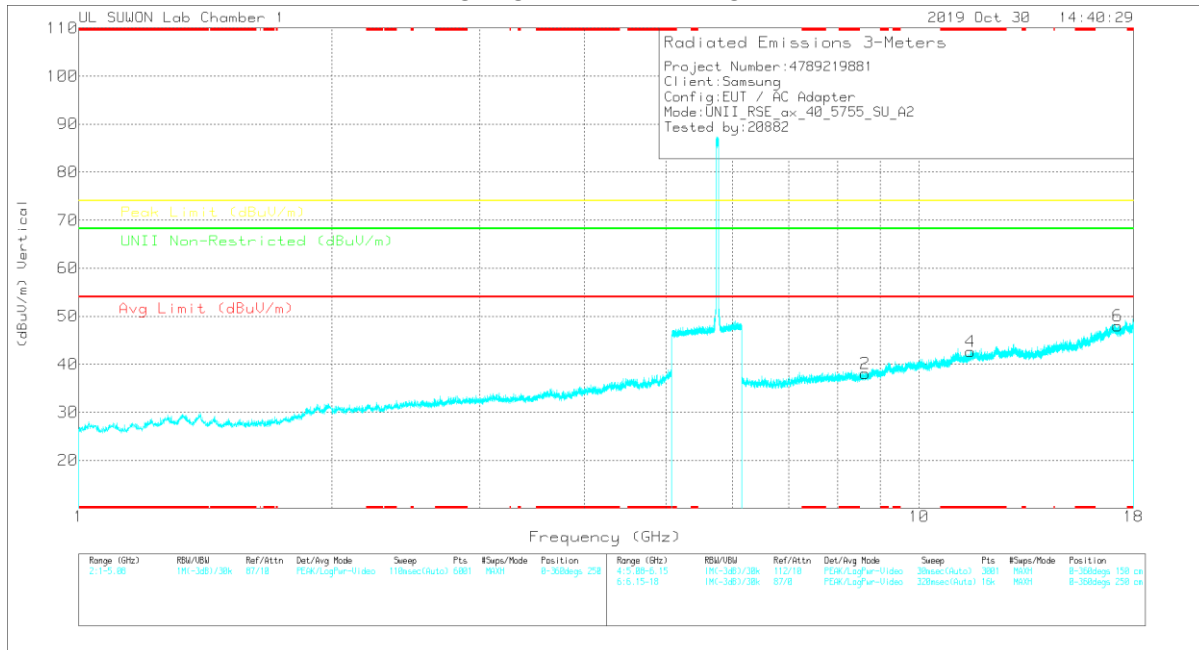
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak

# HE40 SU mode (ANT\_2)

## LOW CHANNEL HORIZONTAL



## LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## LOW CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBuV) | Det | 3117_00168717 | 6GHz_HPSDR | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (m) | Height (m) | Polarity |
|--------|-----------------|-----------------------|-----|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|--------------|------------|----------|
| 1      | 8.61094         | 26.82                 | PK  | 36.3          | -24.8      | 0            | 38.52                      | -                  | -           | -                   | -           | 68.2                          | -29.88      | 0-360        | 250        | H        |
| 3      | *11.53105       | 26.63                 | PK  | 38.5          | -22.5      | 0            | 42.63                      | -                  | -           | 74                  | -31.37      | -                             | -           | 0-360        | 150        | H        |
| 5      | 17.24758        | 24.21                 | PK  | 41.3          | -17.5      | 0            | 48.01                      | -                  | -           | -                   | -           | 68.2                          | -20.19      | 0-360        | 150        | H        |
| 2      | 8.62576         | 26.54                 | PK  | 36.3          | -24.8      | 0            | 38.04                      | -                  | -           | -                   | -           | 68.2                          | -30.16      | 0-360        | 150        | V        |
| 4      | *11.51994       | 26.57                 | PK  | 38.5          | -22.4      | 0            | 42.67                      | -                  | -           | 74                  | -31.33      | -                             | -           | 0-360        | 150        | V        |
| 6      | 17.25424        | 24.08                 | PK  | 41.3          | -17.4      | 0            | 47.98                      | -                  | -           | -                   | -           | 68.2                          | -20.22      | 0-360        | 150        | V        |

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

PK – Peak Detector

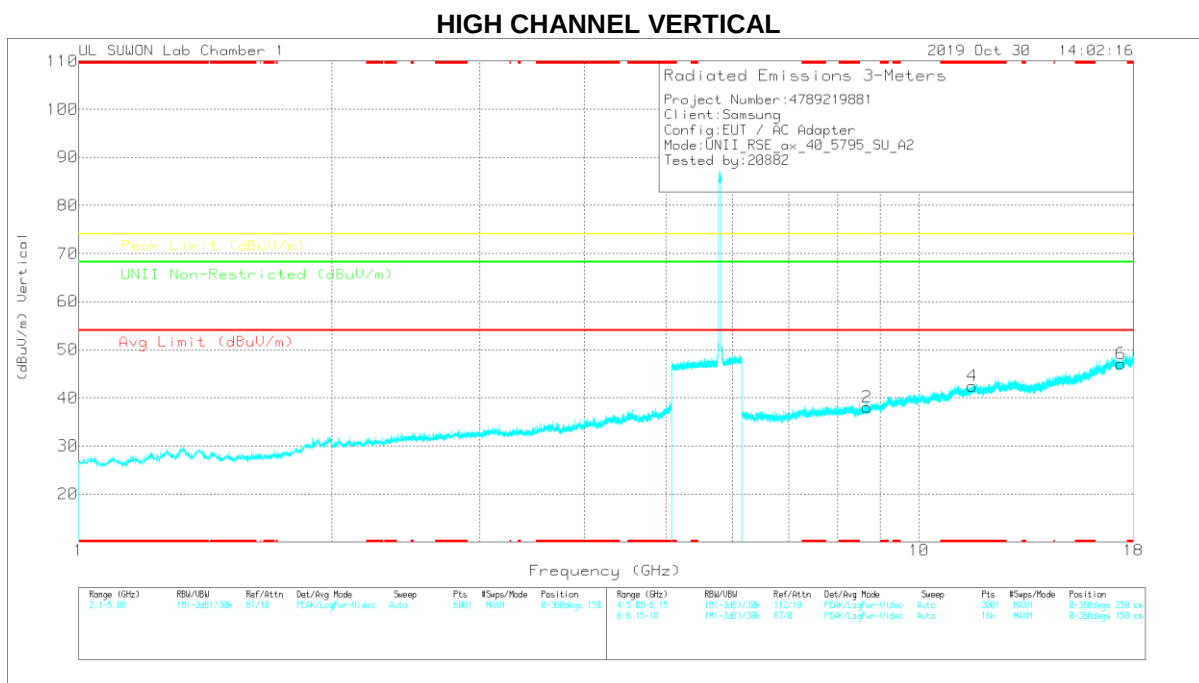
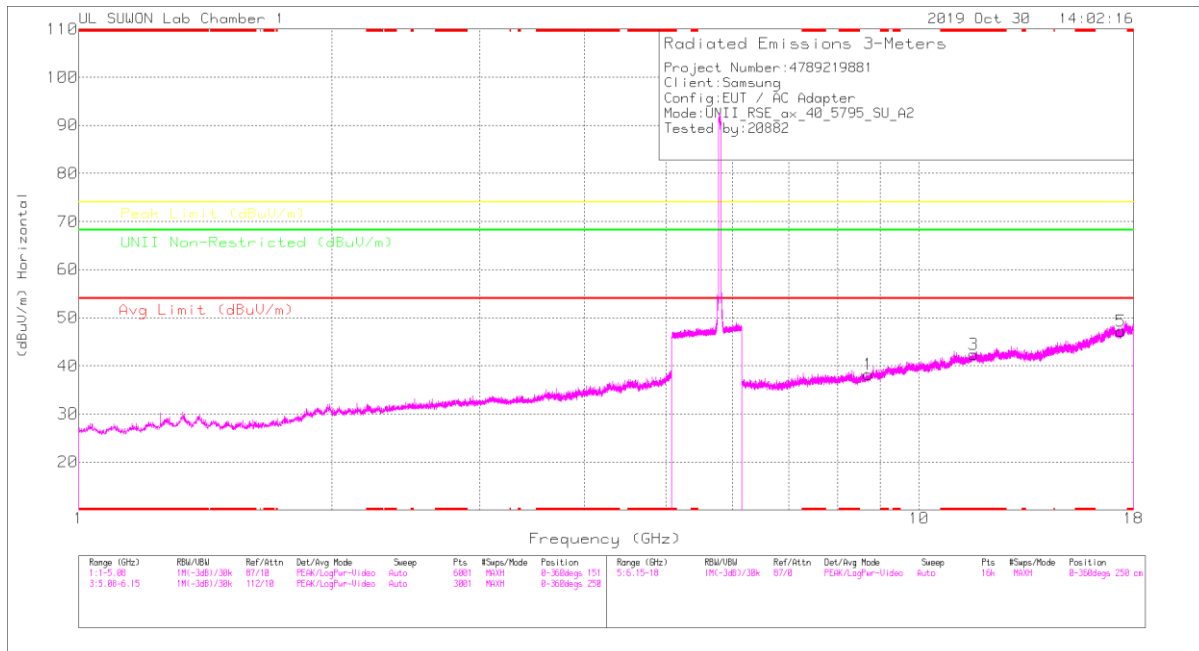
### Radiated Emissions

| Frequency (GHz) | Marker Reading (dBuV) | Det  | 3117_00168717 | 6GHz_HPSDR | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (m) | Height (m) | Polarity |
|-----------------|-----------------------|------|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|--------------|------------|----------|
| 8.61233         | 36.63                 | PK-U | 36.3          | -24.8      | 0            | 48.13                      | -                  | -           | -                   | -           | 68.2                          | -20.07      | 0            | 100        | H        |
| 8.61185         | 37.39                 | PK-U | 36.3          | -24.8      | 0            | 48.89                      | -                  | -           | -                   | -           | 68.2                          | -19.31      | 0            | 100        | V        |
| *11.53051       | 35.99                 | PK-U | 38.5          | -22.5      | 0            | 51.99                      | -                  | -           | 74                  | -22.01      | -                             | -           | 0            | 100        | H        |
| *11.53145       | 35.92                 | PK-U | 38.5          | -22.5      | 0            | 51.92                      | -                  | -           | 74                  | -22.08      | -                             | -           | 0            | 100        | V        |
| 17.24613        | 33.84                 | PK-U | 41.3          | -17.5      | 0            | 57.64                      | -                  | -           | -                   | -           | 68.2                          | -10.56      | 0            | 100        | H        |
| 17.2465         | 34.61                 | PK-U | 41.3          | -17.5      | 0            | 58.41                      | -                  | -           | -                   | -           | 68.2                          | -9.79       | 0            | 100        | V        |

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

PK-U - U-NII: Maximum Peak

# HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## HIGH CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBuV) | Det | 3117_00368717 | 6GHz_HFPA | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|--------|-----------------|---------------------|-----|---------------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 1      | 8.7087          | 27.45               | PK  | 36.4          | -25.7     | 0            | 38.15                      | -                  | -           | -                   | -           | 68.2                          | -30.05      | 0-360           | 150           | H        |
| 3      | *11.61103       | 25.66               | PK  | 38.6          | -21.9     | 0            | 42.36                      | -                  | -           | 74                  | -31.64      | -                             | -           | 0-360           | 150           | H        |
| 5      | 17.37792        | 23.64               | PK  | 41.2          | -17.6     | 0            | 47.24                      | -                  | -           | -                   | -           | 68.2                          | -20.96      | 0-360           | 250           | H        |
| 2      | 8.67962         | 27.18               | PK  | 36.4          | -25.5     | 0            | 39.98                      | -                  | -           | -                   | -           | 68.2                          | -30.12      | 0-360           | 250           | V        |
| 4      | *11.58067       | 26.05               | PK  | 38.6          | -22.2     | 0            | 42.45                      | -                  | -           | 74                  | -31.55      | -                             | -           | 0-360           | 250           | V        |
| 6      | 17.37792        | 23.51               | PK  | 41.2          | -17.6     | 0            | 47.11                      | -                  | -           | -                   | -           | 68.2                          | -21.09      | 0-360           | 250           | V        |

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

PK – Peak Detector

### Radiated Emissions

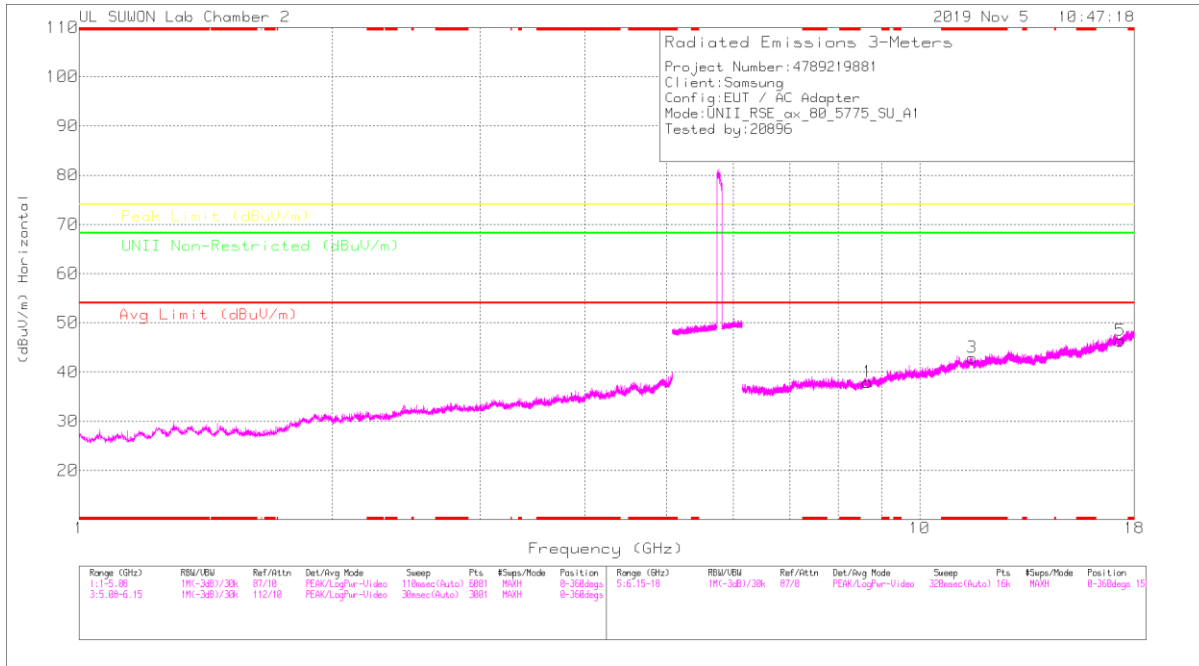
| Frequency (GHz) | Meas Reading (dBuV) | Det  | 3117_00368717 | 6GHz_HFPA | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (Feet) | Height (Feet) | Polarity |
|-----------------|---------------------|------|---------------|-----------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|-----------------|---------------|----------|
| 8.70692         | 38.27               | PK-U | 36.4          | -25.7     | 0            | 48.97                      | -                  | -           | -                   | -           | 68.2                          | -19.23      | 0               | 100           | H        |
| 8.70713         | 37.78               | PK-U | 36.4          | -25.7     | 0            | 48.48                      | -                  | -           | -                   | -           | 68.2                          | -19.72      | 0               | 100           | V        |
| *11.61149       | 35.66               | PK-U | 38.6          | -22       | 0            | 52.26                      | -                  | -           | 74                  | -21.74      | -                             | -           | 0               | 100           | H        |
| *11.61292       | 35.53               | PK-U | 38.6          | -22       | 0            | 52.13                      | -                  | -           | 74                  | -21.87      | -                             | -           | 0               | 100           | V        |
| 17.37687        | 33.89               | PK-U | 41.2          | -17.6     | 0            | 57.49                      | -                  | -           | -                   | -           | 68.2                          | -10.71      | 0               | 100           | H        |
| 17.37693        | 34.09               | PK-U | 41.2          | -17.7     | 0            | 57.59                      | -                  | -           | -                   | -           | 68.2                          | -10.61      | 0               | 100           | V        |

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

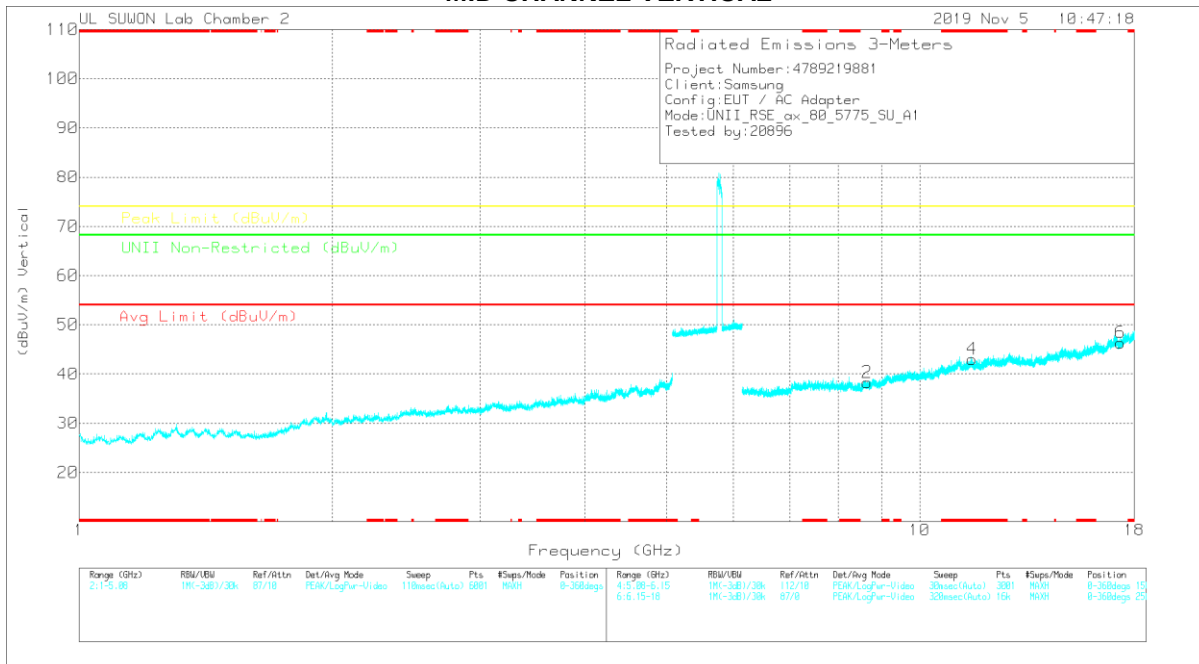
PK-U - U-NII: Maximum Peak

# HE80 SU mode (ANT\_1)

## MID CHANNEL HORIZONTAL



## MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## MID CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBu) | Det | 3117_00188724 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBu/m) | Avg Limit (dBu/m) | Margin (dB) | Peak Limit (dBu/m) | Margin (dB) | Limit Non-Restricted (dBu/m) | Margin (dB) | Altitude (Degs) | Height (m) | Polarity |
|--------|-----------------|--------------------|-----|---------------|-------------|--------------|---------------------------|-------------------|-------------|--------------------|-------------|------------------------------|-------------|-----------------|------------|----------|
| 1      | 8.66723         | 24.33              | PK  | 36.2          | -22.6       | 0            | 37.93                     | -                 | -           | -                  | -           | 68.2                         | -30.27      | 0-360           | 150        | H        |
| 3      | *11.54956       | 24.31              | PK  | 38.3          | -19.7       | 0            | 42.91                     | -                 | -           | 74                 | -31.09      | -                            | -           | 0-360           | 150        | H        |
| 5      | 17.32556        | 23.78              | PK  | 41.3          | -18.7       | 0            | 45.38                     | -                 | -           | -                  | -           | 68.2                         | -21.82      | 0-360           | 250        | H        |
| 2      | 8.6575          | 24.57              | PK  | 36.2          | -22.5       | 0            | 38.27                     | -                 | -           | -                  | -           | 68.2                         | -29.93      | 0-360           | 150        | V        |
| 4      | *11.54364       | 24.33              | PK  | 38.3          | -19.6       | 0            | 43.03                     | -                 | -           | 74                 | -30.97      | -                            | -           | 0-360           | 250        | V        |
| 6      | 17.33052        | 23.77              | PK  | 41.3          | -18.7       | 0            | 46.37                     | -                 | -           | -                  | -           | 68.2                         | -21.83      | 0-360           | 250        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK – Peak Detector

### Radiated Emissions

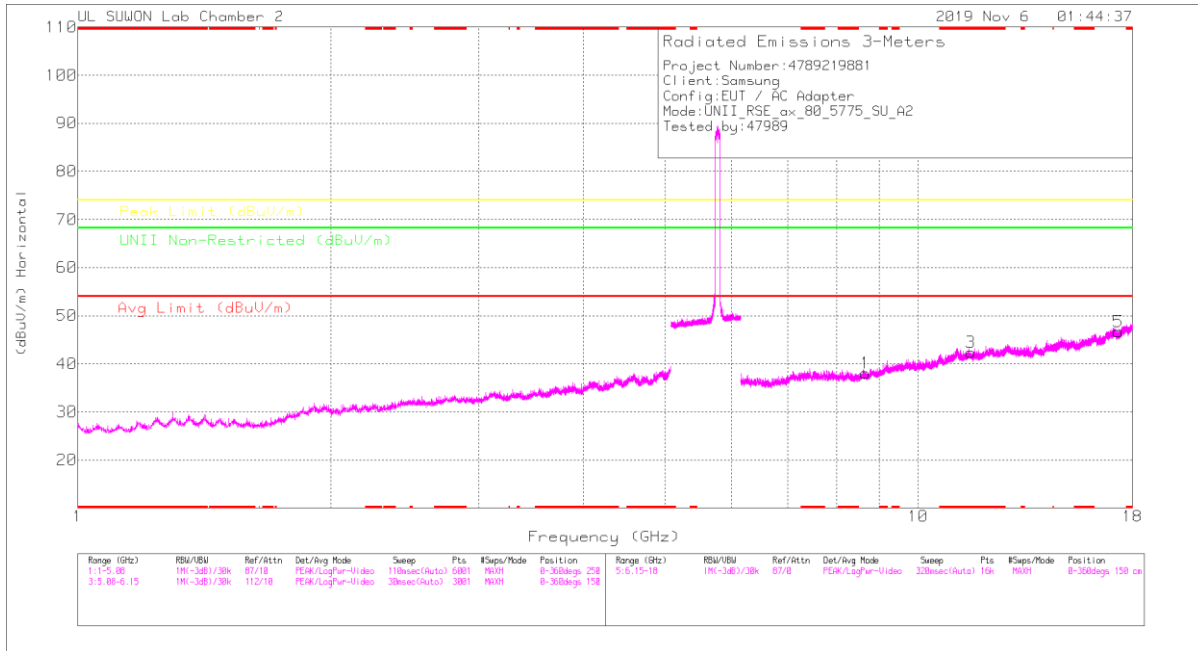
| Frequency (GHz) | Meas Reading (dBu) | Det  | 3117_00188724 | 6GHz_HF(dB) | DC Corr (dB) | Corrected Reading (dBu/m) | Avg Limit (dBu/m) | Margin (dB) | Peak Limit (dBu/m) | Margin (dB) | Limit Non-Restricted (dBu/m) | Margin (dB) | Altitude (Degs) | Height (m) | Polarity |
|-----------------|--------------------|------|---------------|-------------|--------------|---------------------------|-------------------|-------------|--------------------|-------------|------------------------------|-------------|-----------------|------------|----------|
| 8.66834         | 34.81              | PK-U | 36.2          | -22.6       | 0            | 48.41                     | -                 | -           | -                  | -           | 68.2                         | -19.79      | 360             | 100        | H        |
| 8.66881         | 34.56              | PK-U | 36.2          | -22.6       | 0            | 48.16                     | -                 | -           | -                  | -           | 68.2                         | -20.04      | 360             | 100        | V        |
| *11.54987       | 33.84              | PK-U | 38.3          | -19.7       | 0            | 52.44                     | -                 | -           | 74                 | -21.56      | -                            | -           | 360             | 100        | H        |
| *11.54827       | 33.73              | PK-U | 38.3          | -19.6       | 0            | 52.43                     | -                 | -           | 74                 | -21.57      | -                            | -           | 360             | 100        | V        |
| 17.32556        | 34.69              | PK-U | 41.3          | -18.7       | 0            | 57.29                     | -                 | -           | -                  | -           | 68.2                         | -10.91      | 360             | 100        | H        |
| 17.32761        | 34.19              | PK-U | 41.3          | -18.7       | 0            | 56.79                     | -                 | -           | -                  | -           | 68.2                         | -11.41      | 360             | 100        | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak

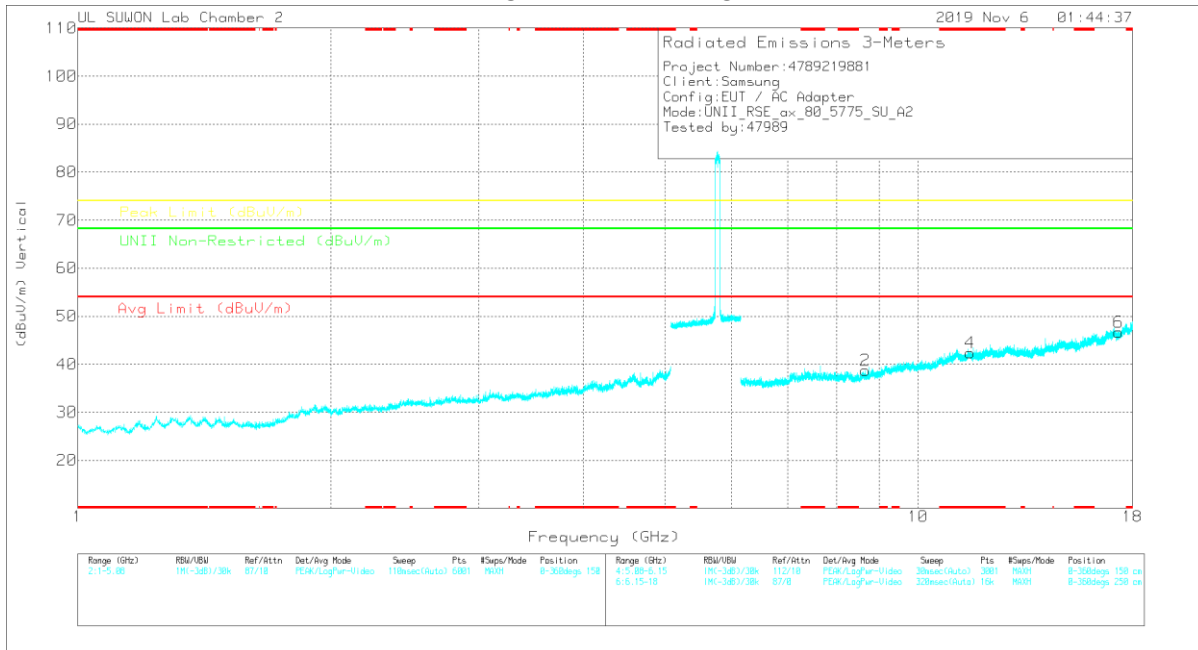


# HE80 SU mode (ANT\_2)

## MID CHANNEL HORIZONTAL



## MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

## MID CHANNEL DATA

### Trace Markers

| Marker | Frequency (GHz) | Marker Reading (dBuV) | Det | 3117_00168724 | 6GHz_HF98B | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (ft) | Height (ft) | Polarity |
|--------|-----------------|-----------------------|-----|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|---------------|-------------|----------|
| 1      | 8.66427         | 24.43                 | PK  | 36.2          | -22.5      | 0            | 38.13                      | -                  | -           | -                   | -           | 68.2                          | -30.07      | 0-360         | 150         | H        |
| 3      | *11.55104       | 23.83                 | PK  | 38.3          | -19.7      | 0            | 42.43                      | -                  | -           | 74                  | -31.57      | -                             | -           | 0-360         | 250         | H        |
| 5      | 17.31945        | 24.05                 | PK  | 41.3          | -18.7      | 0            | 46.65                      | -                  | -           | -                   | -           | 68.2                          | -21.55      | 0-360         | 250         | H        |
| 2      | 8.66534         | 24.9                  | PK  | 36.2          | -22.4      | 0            | 38.7                       | -                  | -           | -                   | -           | 68.2                          | -29.5       | 0-360         | 150         | V        |
| 4      | *11.53327       | 23.73                 | PK  | 38.3          | -19.6      | 0            | 42.43                      | -                  | -           | 74                  | -31.57      | -                             | -           | 0-360         | 150         | V        |
| 6      | 17.31941        | 24.12                 | PK  | 41.3          | -18.7      | 0            | 46.72                      | -                  | -           | -                   | -           | 68.2                          | -21.48      | 0-360         | 150         | V        |

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

PK – Peak Detector

### Radiated Emissions

| Frequency (GHz) | Marker Reading (dBuV) | Det  | 3117_00168724 | 6GHz_HF98B | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Limit Non-Restricted (dBuV/m) | Margin (dB) | Altitude (ft) | Height (ft) | Polarity |
|-----------------|-----------------------|------|---------------|------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-------------|---------------|-------------|----------|
| 8.66881         | 34.58                 | PK-U | 36.2          | -22.6      | 0            | 48.18                      | -                  | -           | -                   | -           | 68.2                          | -20.02      | 360           | 100         | H        |
| 8.66708         | 35.29                 | PK-U | 36.2          | -22.6      | 0            | 48.89                      | -                  | -           | -                   | -           | 68.2                          | -19.31      | 360           | 100         | V        |
| *11.55117       | 33.89                 | PK-U | 38.3          | -19.7      | 0            | 52.49                      | -                  | -           | 74                  | -21.51      | -                             | -           | 360           | 100         | H        |
| *11.55195       | 33.97                 | PK-U | 38.3          | -19.7      | 0            | 52.57                      | -                  | -           | 74                  | -21.43      | -                             | -           | 360           | 100         | V        |
| 17.31219        | 33.94                 | PK-U | 41.3          | -18.7      | 0            | 56.54                      | -                  | -           | -                   | -           | 68.2                          | -11.66      | 360           | 100         | H        |
| 17.3153         | 33.99                 | PK-U | 41.3          | -18.8      | 0            | 56.49                      | -                  | -           | -                   | -           | 68.2                          | -11.71      | 360           | 100         | V        |

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

PK-U - U-NII: Maximum Peak