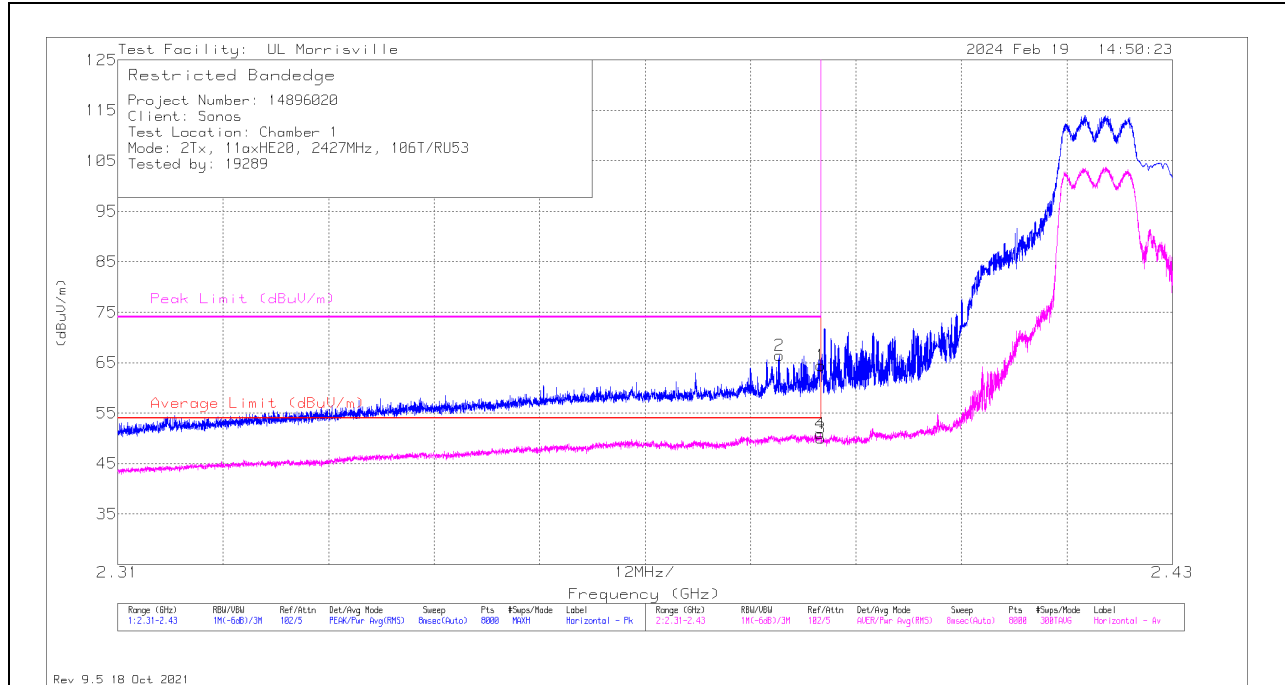


**BANDEDGE (LOW CHANNEL 4)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.38999     | 46.54                | Pk  | 32.1          | -24.2          | 10       | 0            | 64.44                      | -                      | -           | 74                  | -9.56          | 90             | 156         | H        |
| 2      | *** 2.38531     | 48.68                | Pk  | 32.1          | -24.2          | 9.9      | 0            | 66.48                      | -                      | -           | 74                  | -7.52          | 90             | 156         | H        |
| 3      | *** 2.38999     | 28.41                | RMS | 32.1          | -24.2          | 10       | 3.77         | 50.08                      | 54                     | -3.92       | -                   | -              | 90             | 156         | H        |
| 4      | *** 2.38992     | 29.21                | RMS | 32.1          | -24.2          | 10       | 3.77         | 50.88                      | 54                     | -3.12       | -                   | -              | 90             | 156         | H        |

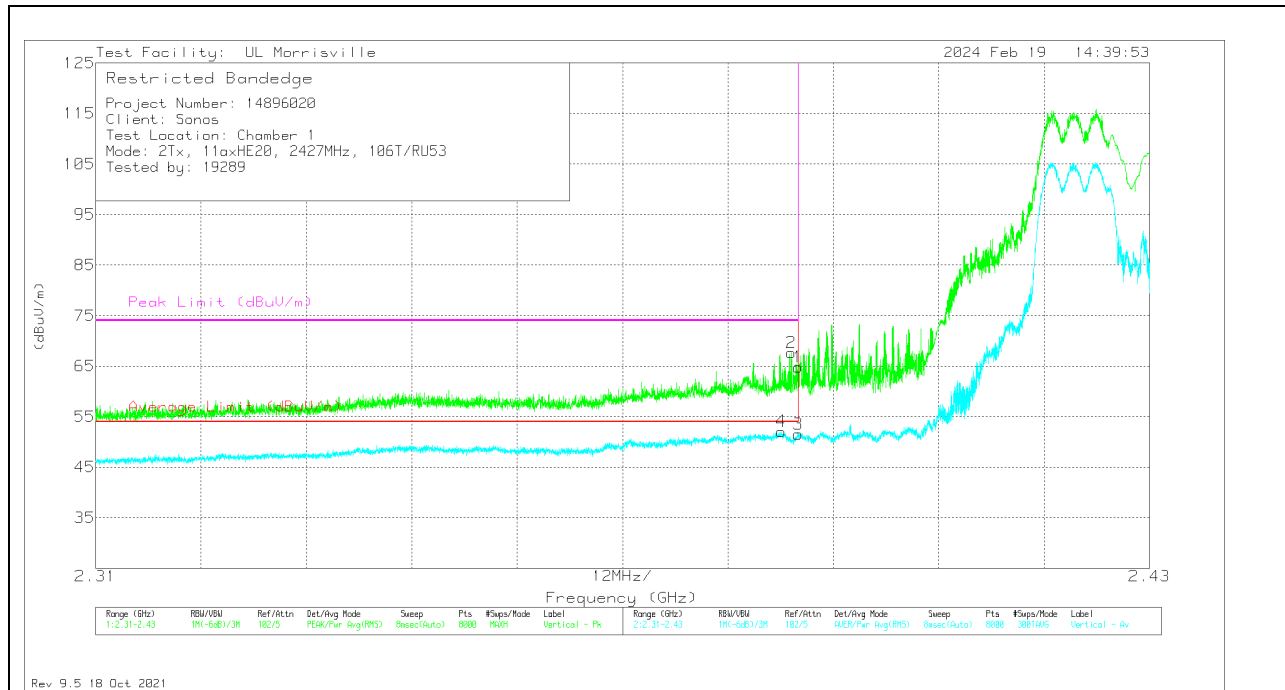
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38999    | 46.96                | Pk  | 32.1          | -24.2          | 10       | 0            | 64.86                      | -                      | -           | 74                  | -9.14          | 3              | 191         | V        |
| 2      | * ** 2.38924    | 49.74                | Pk  | 32.1          | -24.2          | 10       | 0            | 67.64                      | -                      | -           | 74                  | -6.36          | 3              | 191         | V        |
| 3      | * ** 2.38999    | 29.81                | RMS | 32.1          | -24.2          | 10       | 3.77         | 51.48                      | 54                     | -2.52       | -                   | -              | 3              | 191         | V        |
| 4      | * ** 2.38804    | 30.42                | RMS | 32.1          | -24.2          | 10       | 3.77         | 52.09                      | 54                     | -1.91       | -                   | -              | 3              | 191         | V        |

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

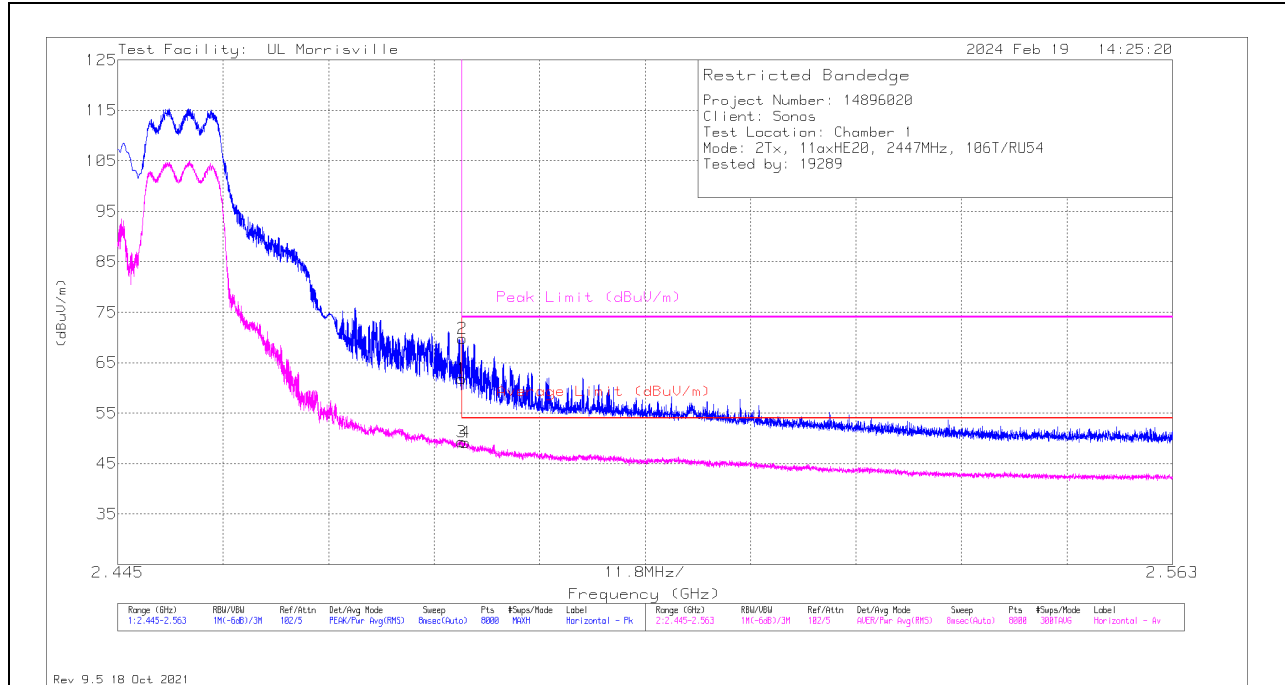
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 8)**

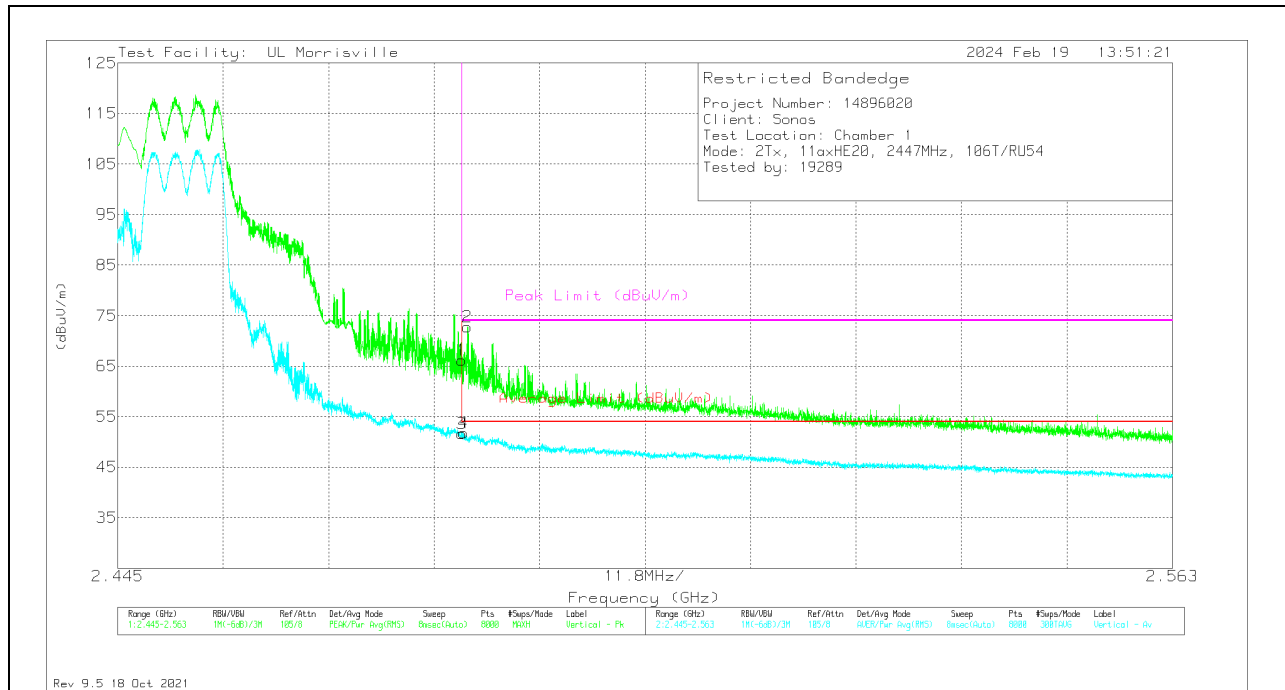
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 44.05                | Pk  | 32.3          | -24.5          | 10       | 0            | 61.85                      | -                      | -           | 74                  | -12.15         | 94             | 212         | H        |
| 2      | *** 2.48356     | 52.02                | Pk  | 32.3          | -24.5          | 10       | 0            | 69.82                      | -                      | -           | 74                  | -4.18          | 94             | 212         | H        |
| 3      | *** 2.4835      | 27.69                | RMS | 32.3          | -24.5          | 10       | 3.77         | 49.26                      | 54                     | -4.74       | -                   | -              | 94             | 212         | H        |
| 4      | *** 2.48387     | 27.65                | RMS | 32.3          | -24.5          | 10       | 3.77         | 49.22                      | 54                     | -4.78       | -                   | -              | 94             | 212         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

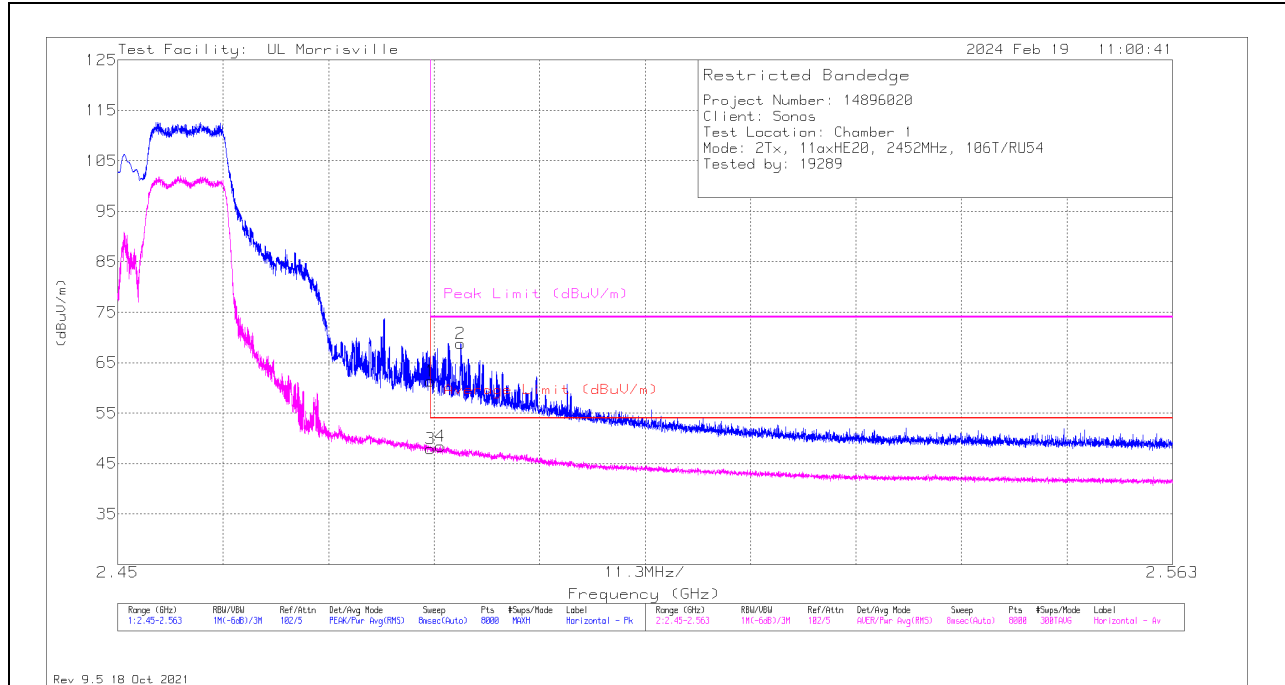


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.4835     | 48.4                 | Pk  | 32.3          | -24.5          | 10       | 0            | 66.2                       | -                      | -           | 74                  | -7.8           | 205            | 152         | V        |
| 2      | * ** 2.48409    | 54.96                | Pk  | 32.3          | -24.5          | 10       | 0            | 72.76                      | -                      | -           | 74                  | -1.24          | 205            | 152         | V        |
| 3      | * ** 2.4835     | 30.07                | RMS | 32.3          | -24.5          | 10       | 3.77         | 51.64                      | 54                     | -2.36       | -                   | -              | 205            | 152         | V        |
| 4      | * ** 2.48372    | 30.26                | RMS | 32.3          | -24.5          | 10       | 3.77         | 51.83                      | 54                     | -2.17       | -                   | -              | 205            | 152         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.48351    | 43.59                | Pk  | 32.3          | -24.5          | 10       | 0            | 61.39                      | -                      | -           | 74                  | -12.61         | 44             | 169         | H        |
| 2      | * ** 2.48674    | 51.13                | Pk  | 32.3          | -24.6          | 10       | 0            | 68.83                      | -                      | -           | 74                  | -5.17          | 44             | 169         | H        |
| 3      | * ** 2.48351    | 26.36                | RMS | 32.3          | -24.5          | 10       | 3.77         | 47.93                      | 54                     | -6.07       | -                   | -              | 44             | 169         | H        |
| 4      | * ** 2.48455    | 26.81                | RMS | 32.3          | -24.5          | 10       | 3.77         | 48.38                      | 54                     | -5.62       | -                   | -              | 44             | 169         | H        |

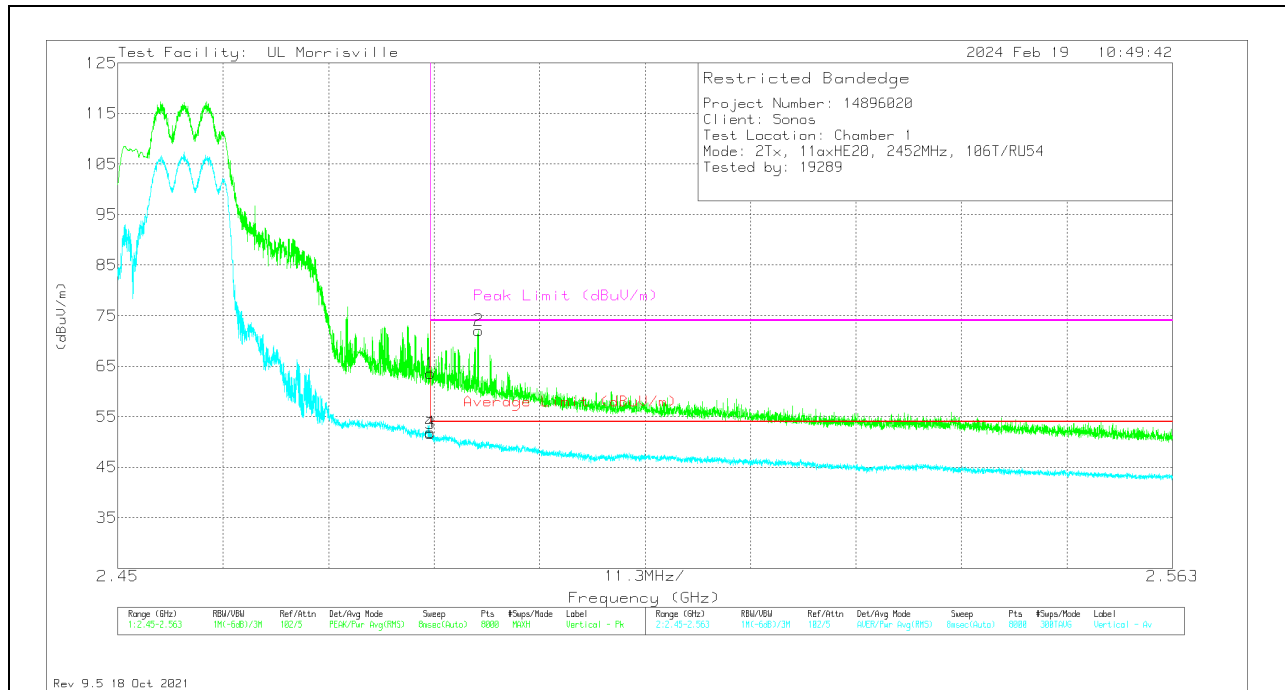
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

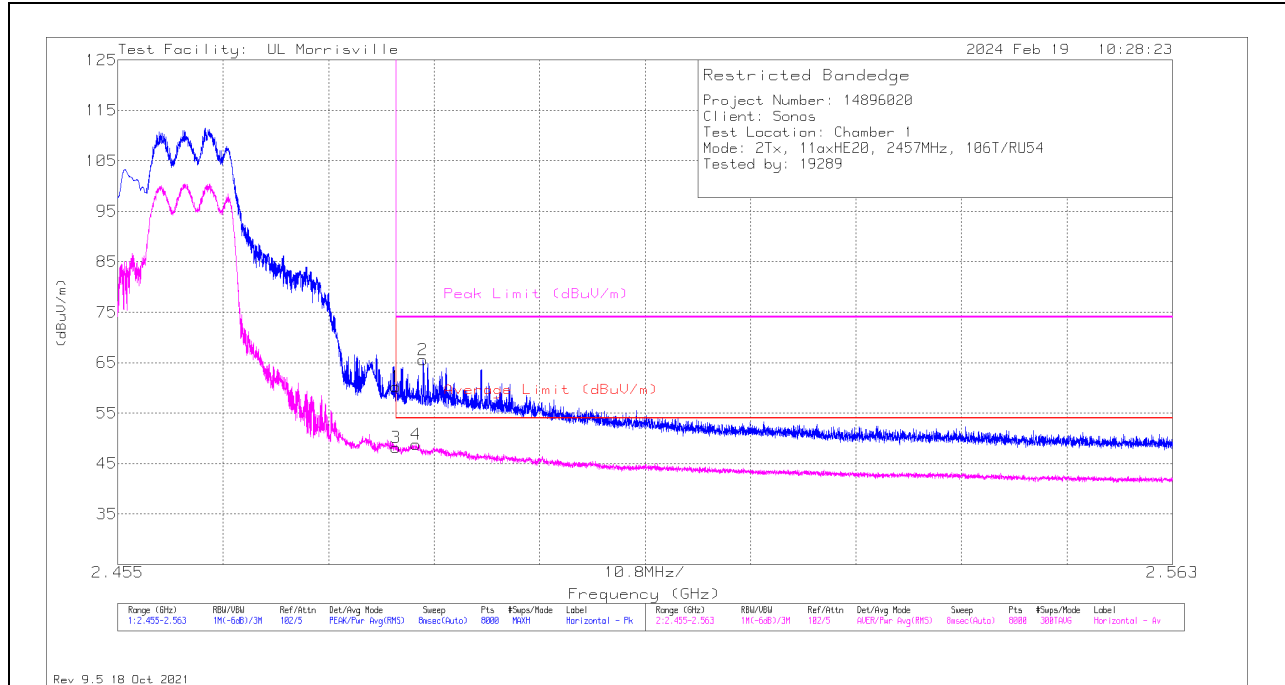


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.48351    | 45.74                | Pk  | 32.3          | -24.5          | 10       | 0            | 63.54                      | -                      | -           | 74                  | -10.46         | 344            | 210         | V        |
| 2      | * ** 2.48864    | 54.38                | Pk  | 32.3          | -24.6          | 10       | 0            | 72.08                      | -                      | -           | 74                  | -1.92          | 344            | 210         | V        |
| 3      | * ** 2.48351    | 30.09                | RMS | 32.3          | -24.5          | 10       | 3.77         | 51.66                      | 54                     | -2.34       | -                   | -              | 344            | 210         | V        |
| 4      | * ** 2.48352    | 30.3                 | RMS | 32.3          | -24.5          | 10       | 3.77         | 51.87                      | 54                     | -2.13       | -                   | -              | 344            | 210         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### BANDEDGE (HIGH CHANNEL 10)

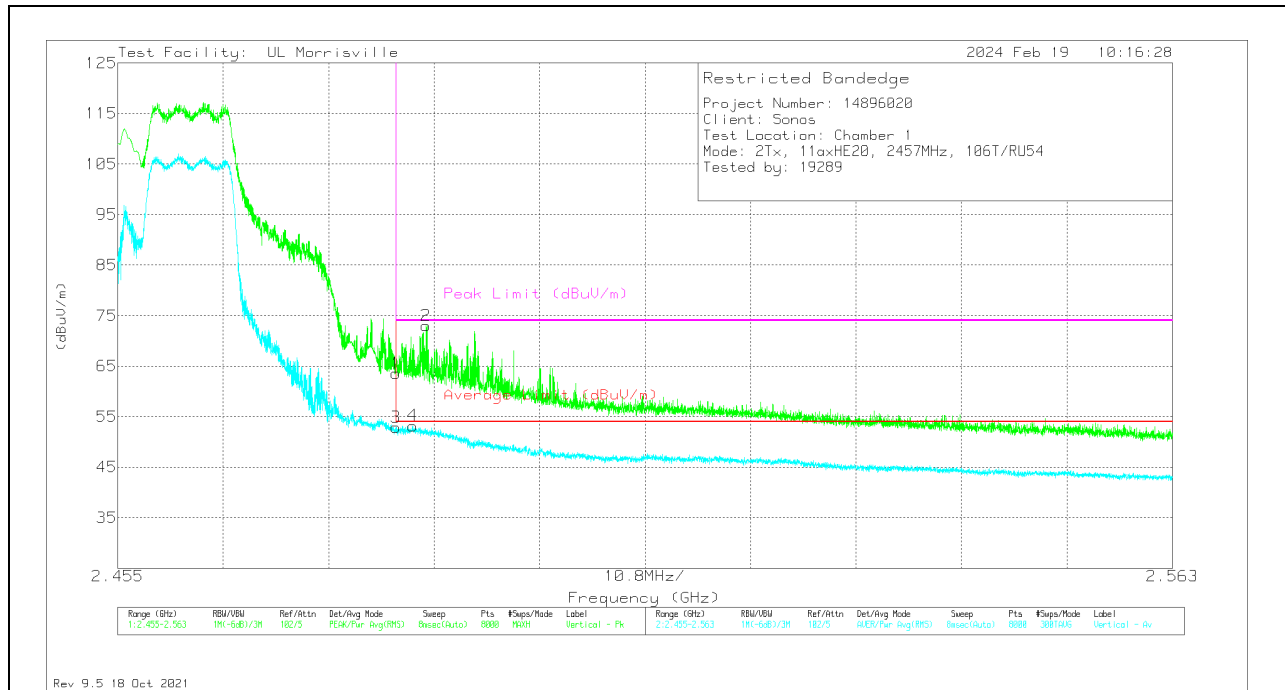
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 42.41                | Pk  | 32.3          | -24.5          | 10       | 0            | 60.21                      | -                      | -           | 74                  | -13.79         | 83             | 121         | H        |
| 2      | *** 2.48623     | 47.82                | Pk  | 32.3          | -24.6          | 10       | 0            | 65.52                      | -                      | -           | 74                  | -8.48          | 83             | 121         | H        |
| 3      | *** 2.4835      | 26.66                | RMS | 32.3          | -24.5          | 10       | 3.77         | 48.23                      | 54                     | -5.77       | -                   | -              | 83             | 121         | H        |
| 4      | *** 2.48551     | 27.27                | RMS | 32.3          | -24.5          | 10       | 3.77         | 48.84                      | 54                     | -5.16       | -                   | -              | 83             | 121         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



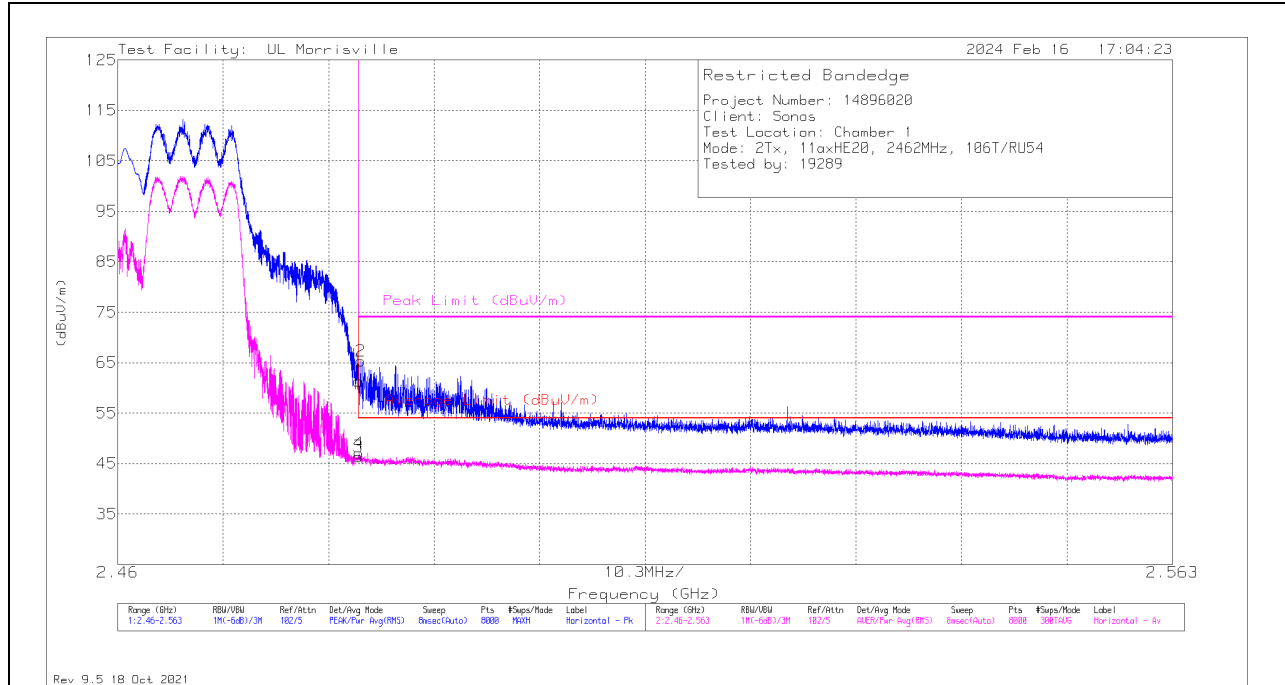
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 45.83                | Pk  | 32.3          | -24.5          | 10       | 0            | 63.63                      | -                      | -           | 74                  | -10.37         | 81             | 145         | V        |
| 2      | ** 2.48655      | 55.27                | Pk  | 32.3          | -24.6          | 10       | 0            | 72.97                      | -                      | -           | 74                  | -1.03          | 81             | 145         | V        |
| 3      | *** 2.4835      | 31.28                | RMS | 32.3          | -24.5          | 10       | 3.77         | 52.85                      | 54                     | -1.15       | -                   | -              | 81             | 145         | V        |
| 4      | *** 2.4852      | 31.64                | RMS | 32.3          | -24.5          | 10       | 3.77         | 53.21                      | 54                     | -.79        | -                   | -              | 81             | 145         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



### BANDEDGE (HIGH CHANNEL 11)

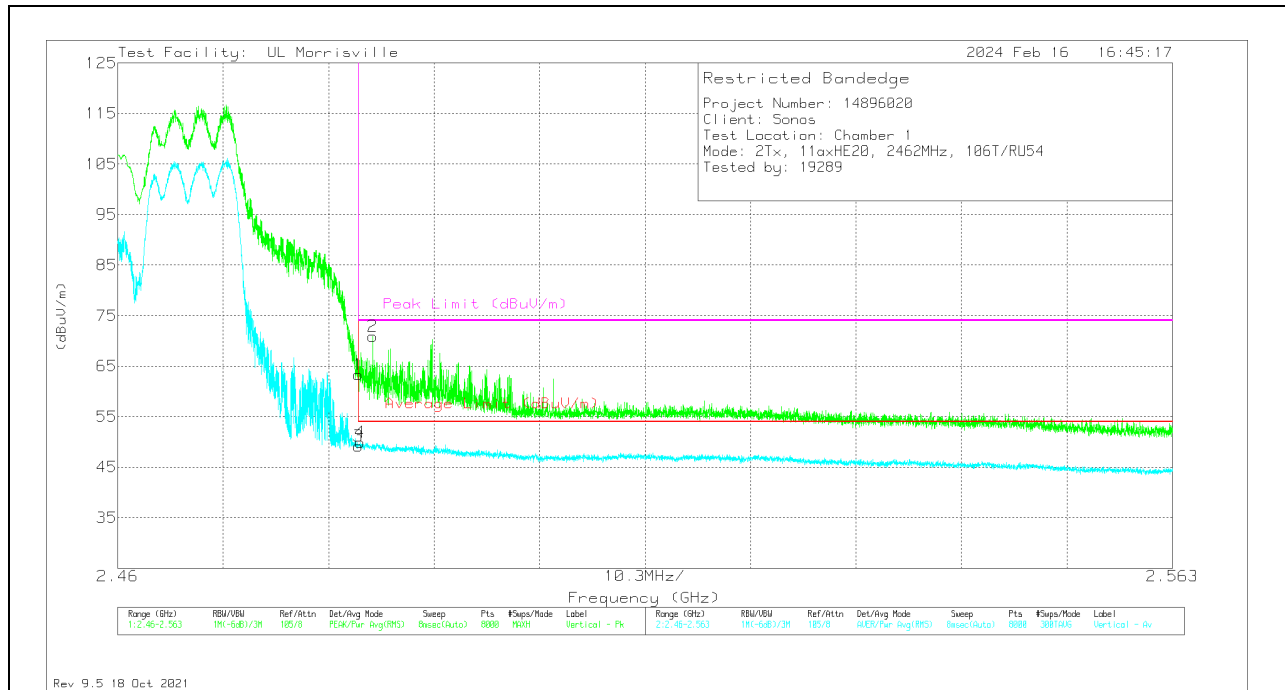
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 43.53                | Pk  | 32.3          | -24.5          | 10       | 0            | 61.33                      | -                      | -           | 74                  | -12.67         | 111            | 210         | H        |
| 2      | *** 2.48372     | 47.51                | Pk  | 32.3          | -24.5          | 10       | 0            | 65.31                      | -                      | -           | 74                  | -8.69          | 111            | 210         | H        |
| 3      | *** 2.4835      | 24.81                | RMS | 32.3          | -24.5          | 10       | 3.77         | 46.38                      | 54                     | -7.62       | -                   | -              | 111            | 210         | H        |
| 4      | *** 2.48354     | 25.52                | RMS | 32.3          | -24.5          | 10       | 3.77         | 47.09                      | 54                     | -6.91       | -                   | -              | 111            | 210         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

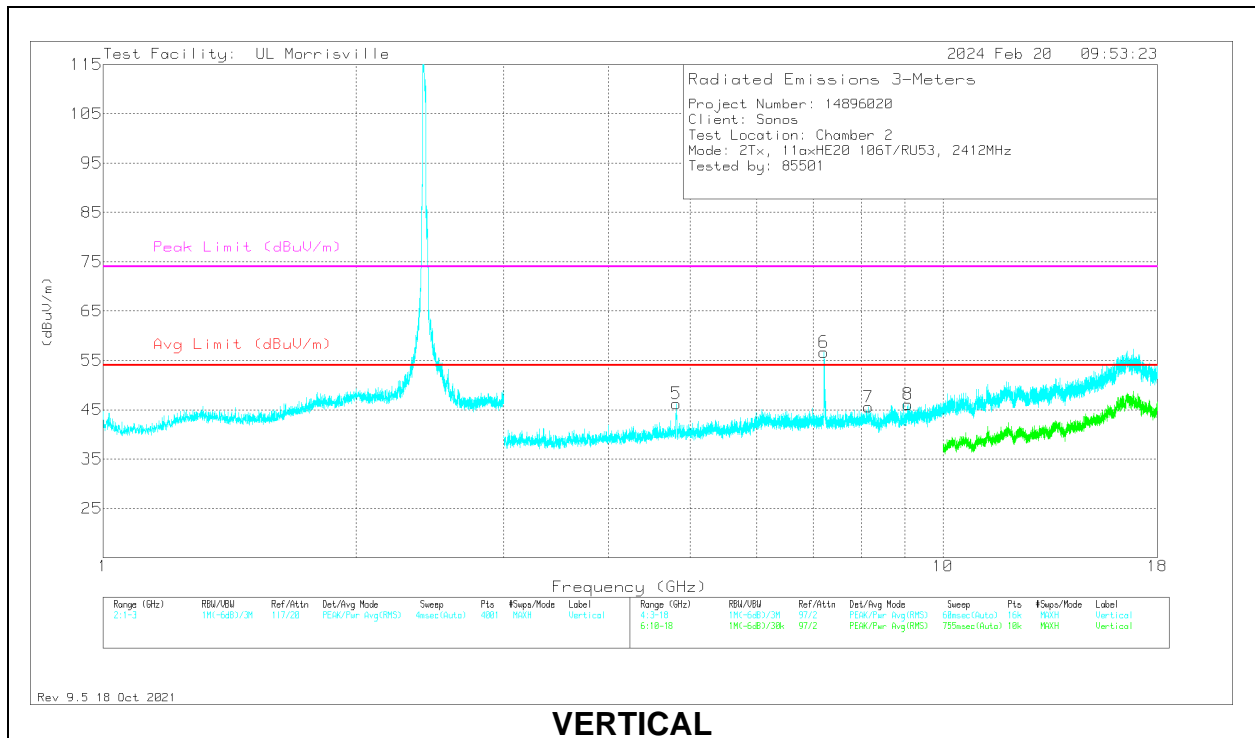
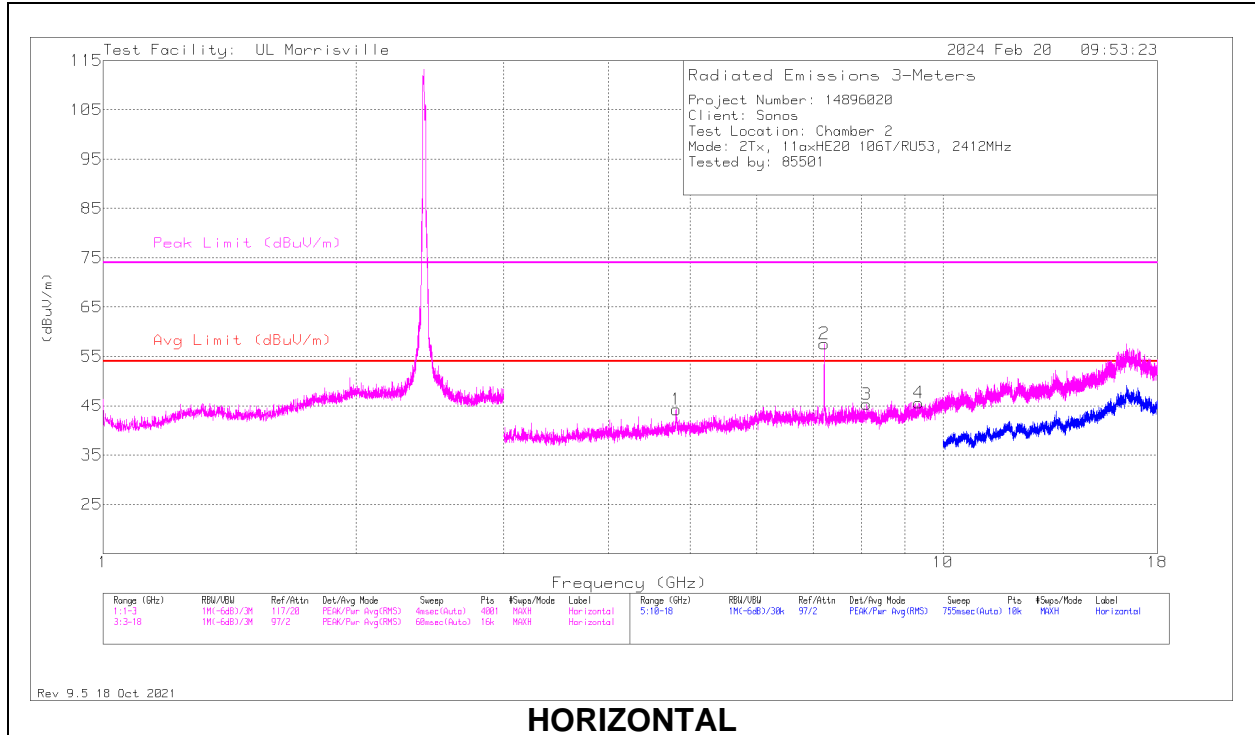


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 45.52                | Pk  | 32.3          | -24.5          | 10       | 0            | 63.32                      | -                      | -           | 74                  | -10.68         | 344            | 135         | V        |
| 2      | *** 2.4849      | 53.05                | Pk  | 32.3          | -24.5          | 10       | 0            | 70.85                      | -                      | -           | 74                  | -3.15          | 344            | 135         | V        |
| 3      | *** 2.4835      | 27.65                | RMS | 32.3          | -24.5          | 10       | 3.77         | 49.22                      | 54                     | -4.78       | -                   | -              | 344            | 135         | V        |
| 4      | *** 2.48366     | 28.3                 | RMS | 32.3          | -24.5          | 10       | 3.77         | 49.87                      | 54                     | -4.13       | -                   | -              | 344            | 135         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL 1 RESULTS



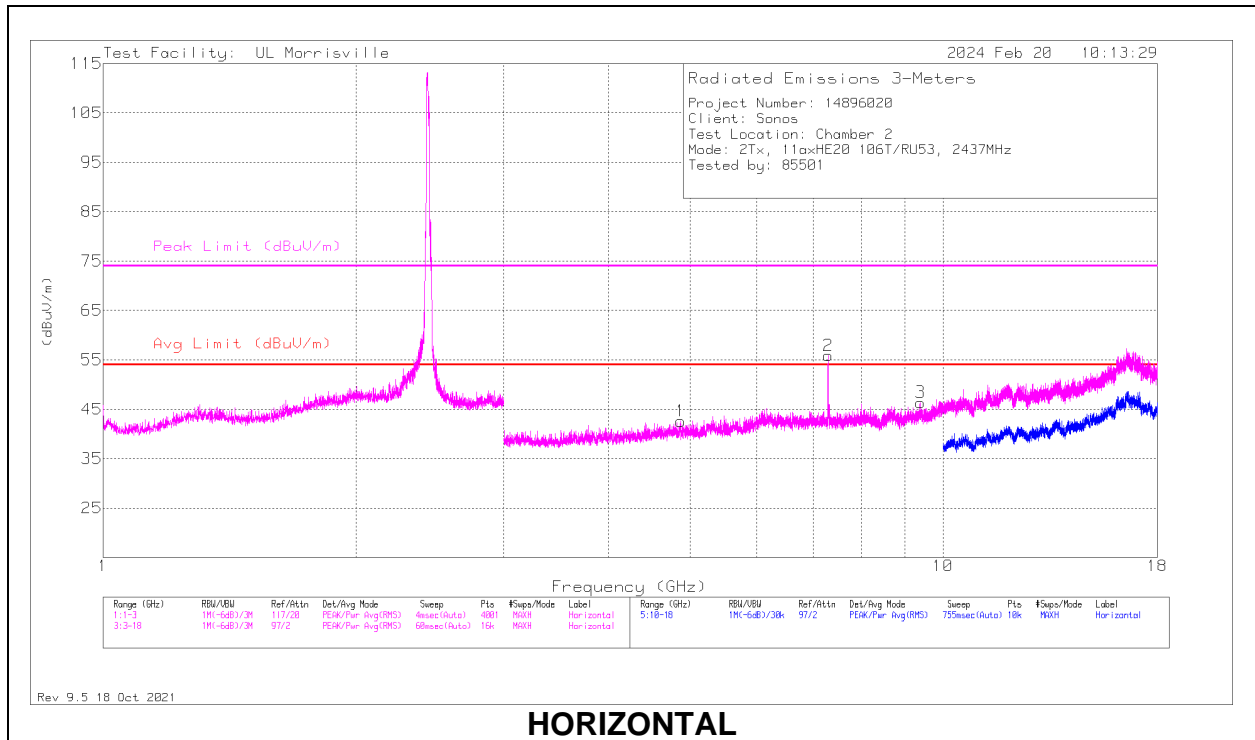
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 86408 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|--------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 4.81125     | 40.14                | Pk  | 34.2         | -30.1          | 0            | 44.24                      | 54                 | -9.76       | 74                  | -29.76         | 0-360          | 101         | H        |
| 3      | *** 8.11125     | 35.89                | Pk  | 35.8         | -26.4          | 0            | 45.29                      | 54                 | -8.71       | 74                  | -28.71         | 0-360          | 199         | H        |
| 4      | *** 9.35063     | 34.99                | Pk  | 36.1         | -25.5          | 0            | 45.59                      | 54                 | -8.41       | 74                  | -28.41         | 0-360          | 101         | H        |
| 5      | *** 4.81313     | 42.13                | Pk  | 34.2         | -30.1          | 0            | 46.23                      | 54                 | -7.77       | 74                  | -27.77         | 0-360          | 199         | V        |
| 7      | *** 8.14781     | 35.95                | Pk  | 35.8         | -26.2          | 0            | 45.55                      | 54                 | -8.45       | 74                  | -28.45         | 0-360          | 199         | V        |
| 8      | *** 9.08063     | 35.41                | Pk  | 35.9         | -25.2          | 0            | 46.11                      | 54                 | -7.89       | 74                  | -27.89         | 0-360          | 199         | V        |
| 6      | 7.21875         | 47.97                | Pk  | 35.6         | -26.9          | 0            | 56.67                      | -                  | -           | 74                  | -17.33         | 0-360          | 101         | V        |
| 2      | 7.22156         | 48.79                | Pk  | 35.6         | -26.8          | 0            | 57.59                      | -                  | -           | 74                  | -16.41         | 0-360          | 199         | H        |

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

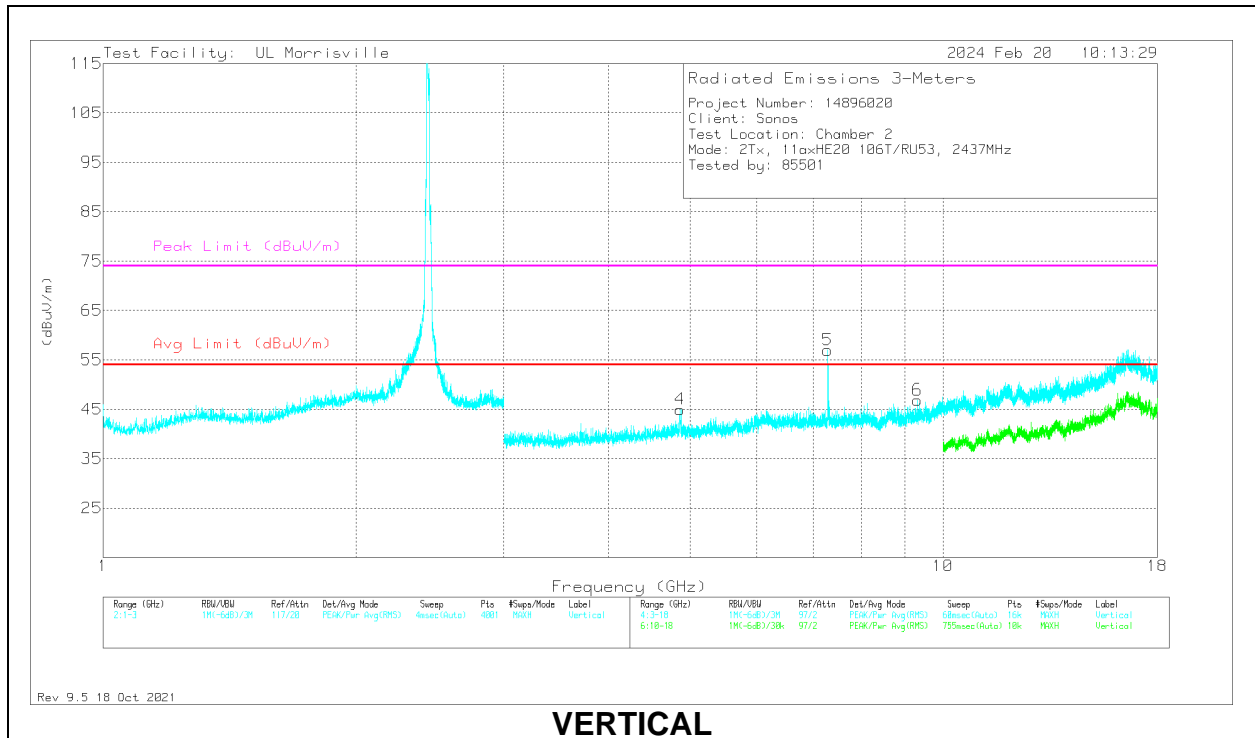
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### MID CHANNEL 6 RESULTS



**HORIZONTAL**



**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 86408 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|--------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 4.86938     | 38.99                | Pk  | 34.1         | -30.5          | 0            | 42.59                      | 54                 | -11.41      | 74                  | -31.41         | 0-360          | 101         | H        |
| 2      | *** 7.2977      | 54.92                | PK2 | 35.6         | -27.1          | 0            | 63.42                      | -                  | -           | 74                  | -10.58         | 35             | 233         | H        |
|        | *** 7.29803     | 35.32                | ADR | 35.6         | -27.1          | 3.77         | 47.59                      | 54                 | -6.41       | -                   | -              | 35             | 233         | H        |
| 3      | *** 9.40688     | 35.37                | Pk  | 36.2         | -25.2          | 0            | 46.37                      | 54                 | -7.63       | 74                  | -27.63         | 0-360          | 200         | H        |
| 4      | *** 4.86375     | 41.28                | Pk  | 34.1         | -30.4          | 0            | 44.98                      | 54                 | -9.02       | 74                  | -29.02         | 0-360          | 200         | V        |
| 5      | *** 7.29365     | 51.94                | PK2 | 35.6         | -27.2          | 0            | 60.34                      | -                  | -           | 74                  | -13.66         | 32             | 259         | V        |
|        | *** 7.29363     | 32.97                | ADR | 35.6         | -27.2          | 3.77         | 45.14                      | 54                 | -8.86       | -                   | -              | 32             | 259         | V        |
| 6      | *** 9.32156     | 36.45                | Pk  | 36.1         | -25.7          | 0            | 46.85                      | 54                 | -7.15       | 74                  | -27.15         | 0-360          | 200         | V        |

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

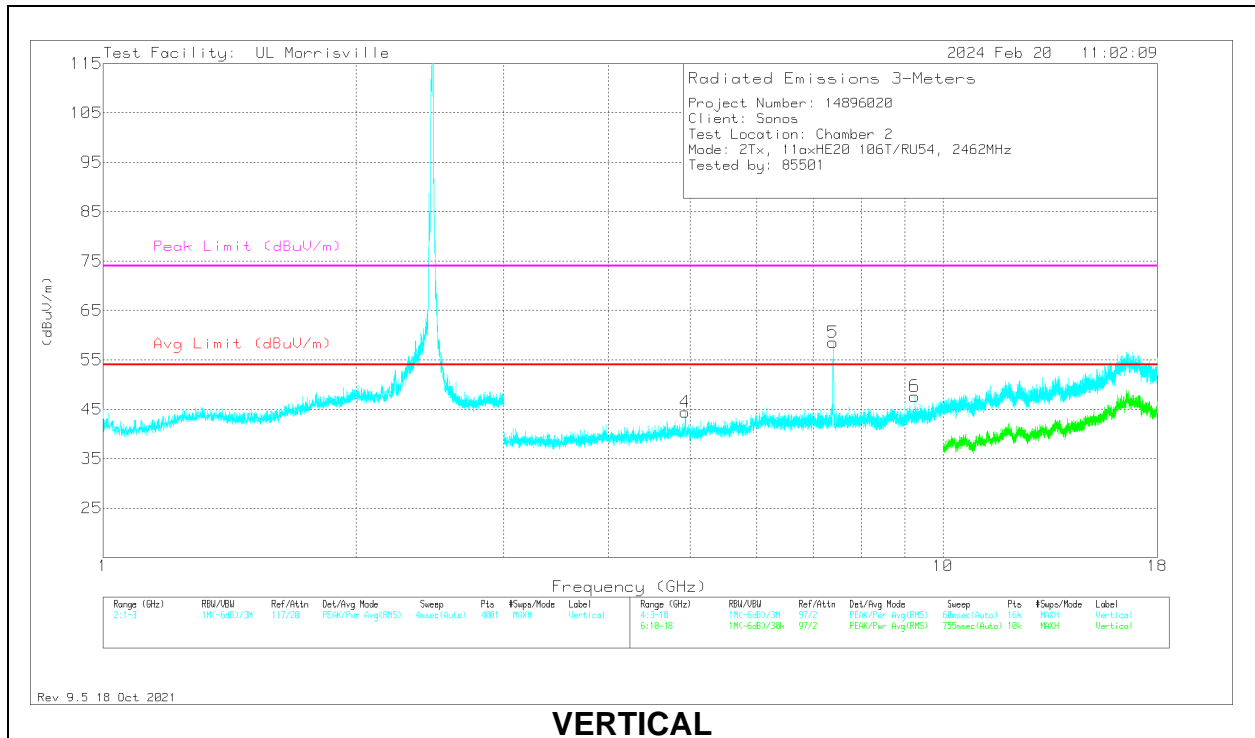
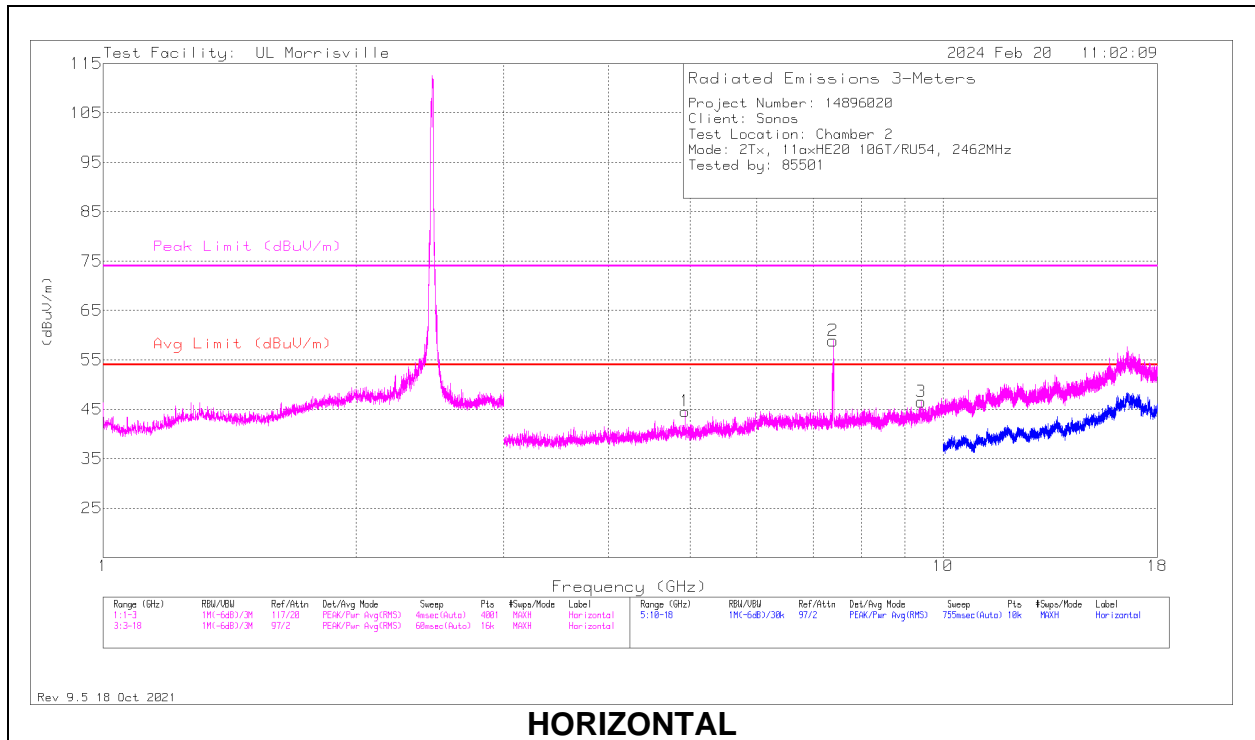
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average

### HIGH CHANNEL 11 RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 86408 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|--------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 4.93406     | 41.2                 | Pk  | 34           | -30.6          | 0            | 44.6                       | 54                 | -9.4        | 74                  | -29.4          | 0-360          | 200         | H        |
| 2      | *** 7.40087     | 51.2                 | PK2 | 35.6         | -26.6          | 0            | 60.2                       | -                  | -           | 74                  | -13.8          | 68             | 229         | H        |
|        | *** 7.40342     | 33.83                | ADR | 35.6         | -26.6          | 3.77         | 46.6                       | 54                 | -7.4        | -                   | -              | 68             | 229         | H        |
| 3      | *** 9.42188     | 35.84                | Pk  | 36.2         | -25.5          | 0            | 46.54                      | 54                 | -7.46       | 74                  | -27.46         | 0-360          | 101         | H        |
| 4      | *** 4.93406     | 41.04                | Pk  | 34           | -30.6          | 0            | 44.44                      | 54                 | -9.56       | 74                  | -29.56         | 0-360          | 101         | V        |
| 5      | *** 7.39433     | 55.64                | PK2 | 35.6         | -26.5          | 0            | 64.74                      | -                  | -           | 74                  | -9.26          | 68             | 114         | V        |
|        | *** 7.40212     | 37.33                | ADR | 35.6         | -26.6          | 3.77         | 50.1                       | 54                 | -3.9        | -                   | -              | 68             | 114         | V        |
| 6      | 9.25219         | 37.34                | Pk  | 36           | -25.7          | 0            | 47.64                      | 54                 | -6.36       | 74                  | -26.36         | 0-360          | 200         | V        |

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

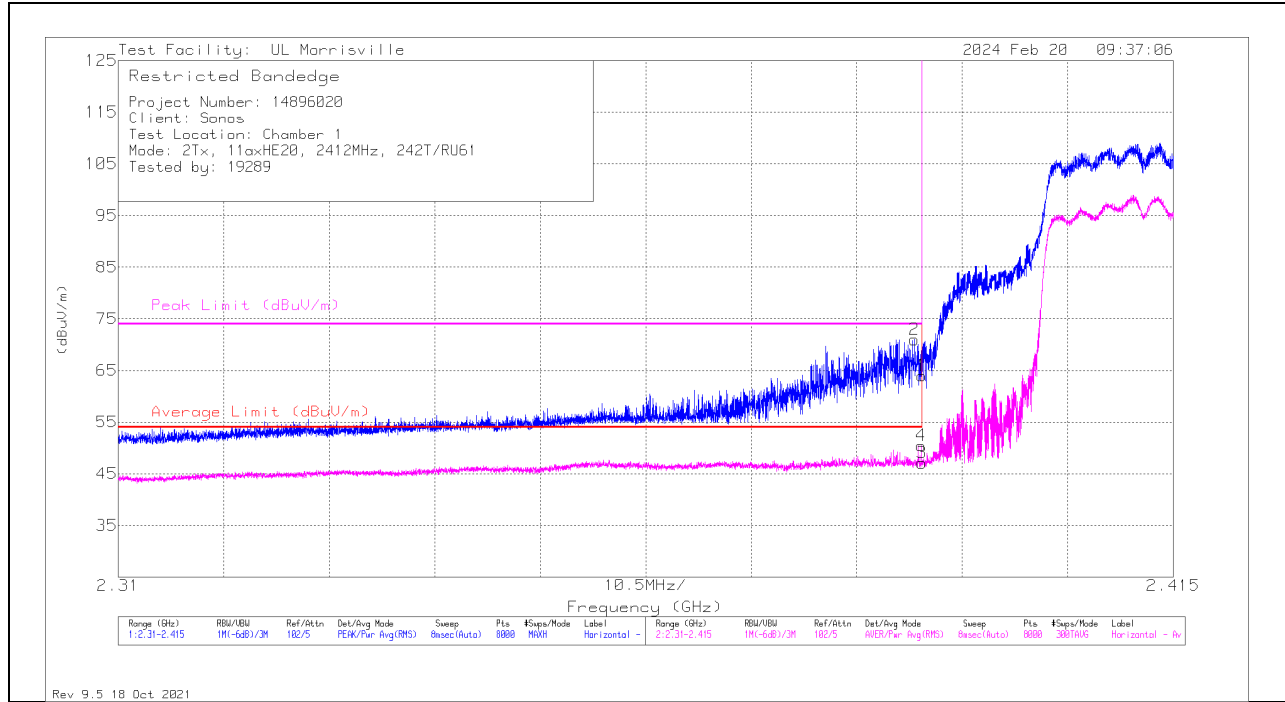
ADR - RMS average



**2TX ANTENNA 2 + ANTENNA 3 OFDMA MODE: 242T**

**BANDEDGE (LOW CHANNEL 1)**

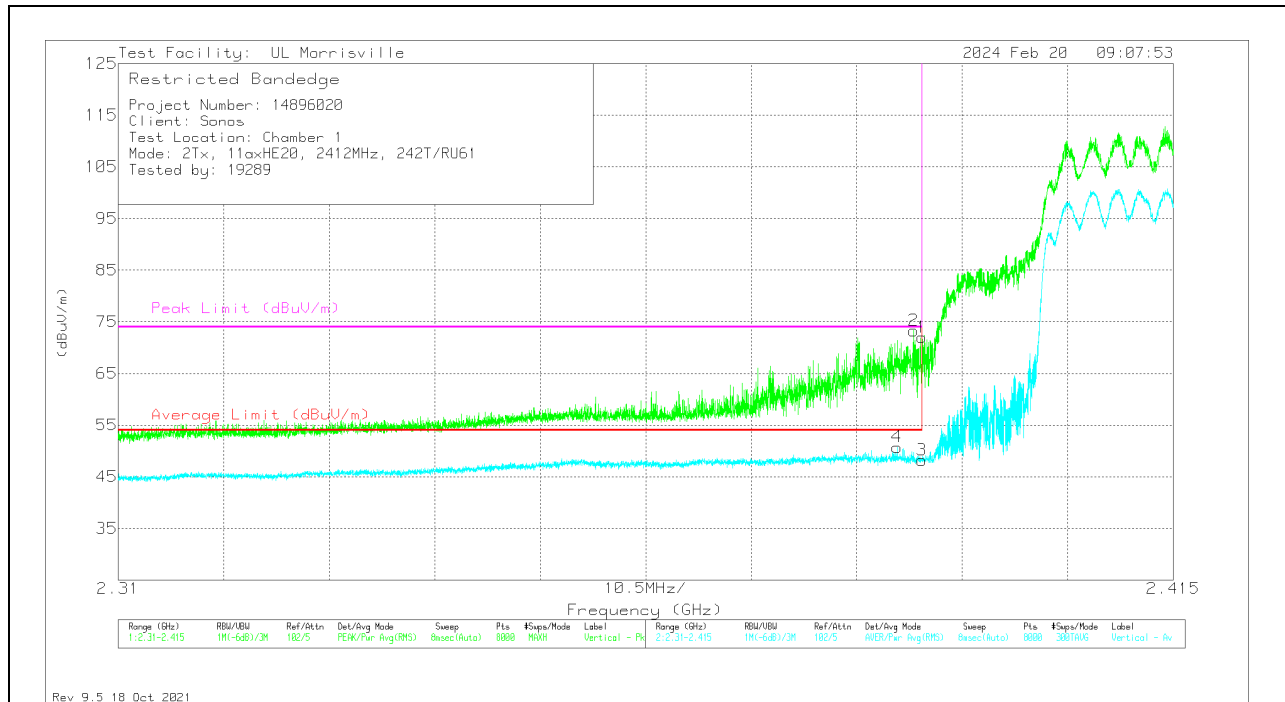
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.39       | 46.08                | Pk  | 32.1          | -24.2          | 10       | 0            | 63.98                      | -                      | -           | 74                  | -10.02         | 112            | 150         | H        |
| 2      | * ** 2.38922    | 53.09                | Pk  | 32.1          | -24.2          | 10       | 0            | 70.99                      | -                      | -           | 74                  | -3.01          | 112            | 150         | H        |
| 3      | * ** 2.39       | 25.05                | RMS | 32.1          | -24.2          | 10       | 4.15         | 47.1                       | 54                     | -6.9        | -                   | -              | 112            | 150         | H        |
| 4      | * ** 2.3899     | 28.42                | RMS | 32.1          | -24.2          | 10       | 4.15         | 50.47                      | 54                     | -3.53       | -                   | -              | 112            | 150         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

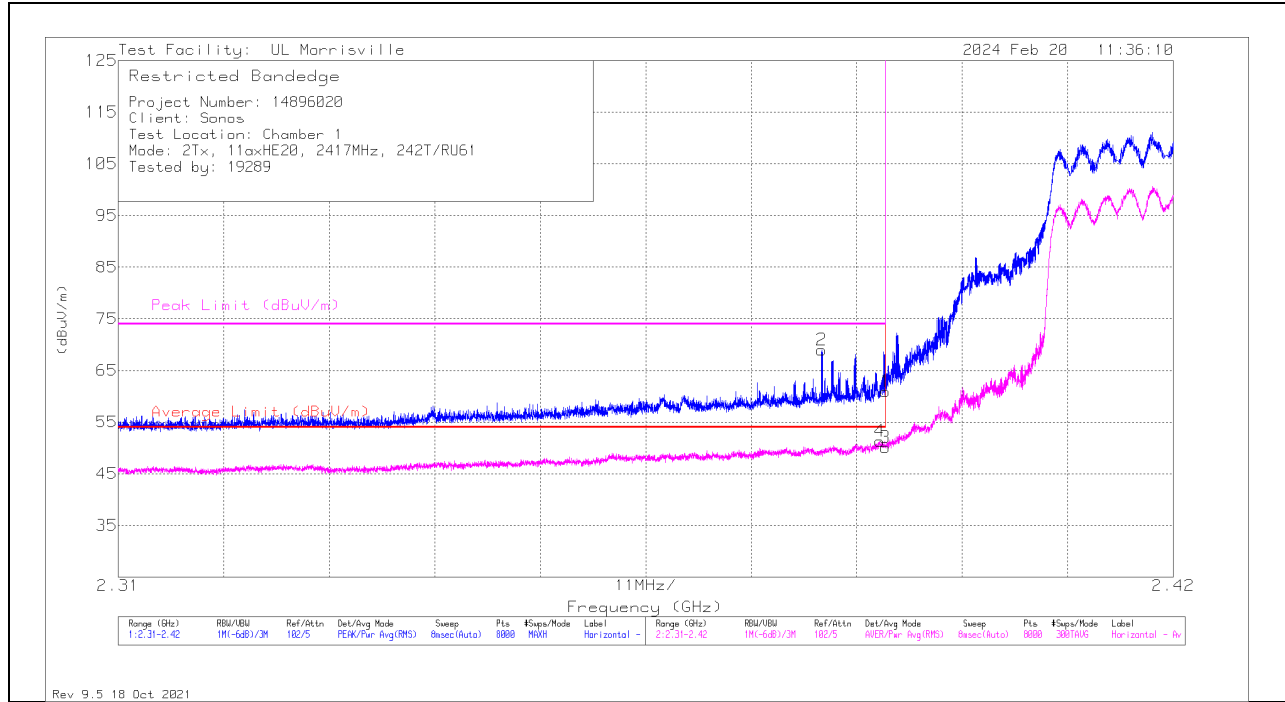


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.39       | 54.07                | Pk  | 32.1          | -24.2          | 10       | 0            | 71.97                      | -                      | -           | 74                  | -2.03          | 329            | 148         | V        |
| 2      | * ** 2.38916    | 55.4                 | Pk  | 32.1          | -24.2          | 10       | 0            | 73.3                       | -                      | -           | 74                  | -0.7           | 329            | 148         | V        |
| 3      | * ** 2.39       | 26.16                | RMS | 32.1          | -24.2          | 10       | 4.15         | 48.21                      | 54                     | -5.79       | -                   | -              | 329            | 148         | V        |
| 4      | * ** 2.38751    | 28.69                | RMS | 32.1          | -24.2          | 10       | 4.15         | 50.74                      | 54                     | -3.26       | -                   | -              | 329            | 148         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### BANDEDGE (LOW CHANNEL 2)

### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.39        | 43.03                | Pk  | 32.1          | -24.2          | 10       | 0            | 60.93                      | -                      | -           | 74                  | -13.07         | 116            | 166         | H        |
| 2      | *** 2.38334     | 51.17                | Pk  | 32.1          | -24.2          | 9.9      | 0            | 68.97                      | -                      | -           | 74                  | -5.03          | 116            | 166         | H        |
| 3      | *** 2.39        | 28.04                | RMS | 32.1          | -24.2          | 10       | 4.15         | 50.09                      | 54                     | -3.91       | -                   | -              | 116            | 166         | H        |
| 4      | *** 2.3894      | 29.26                | RMS | 32.1          | -24.2          | 10       | 4.15         | 51.31                      | 54                     | -2.69       | -                   | -              | 116            | 166         | H        |

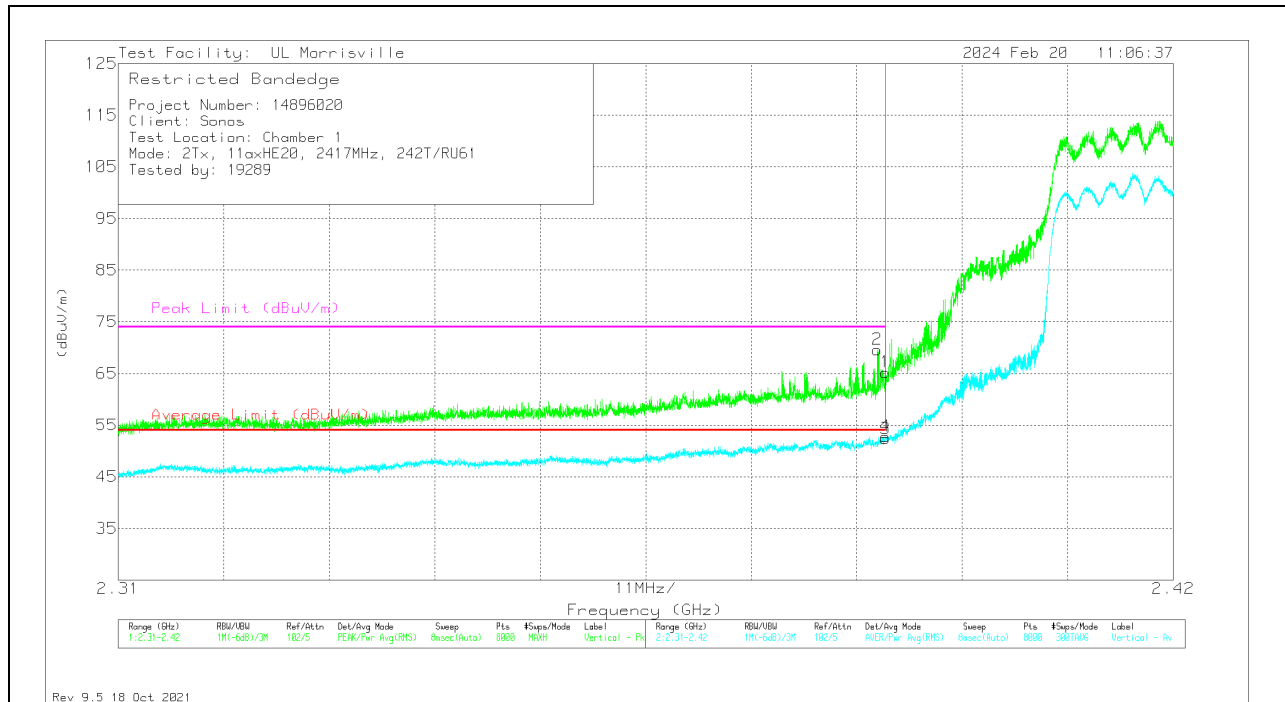
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

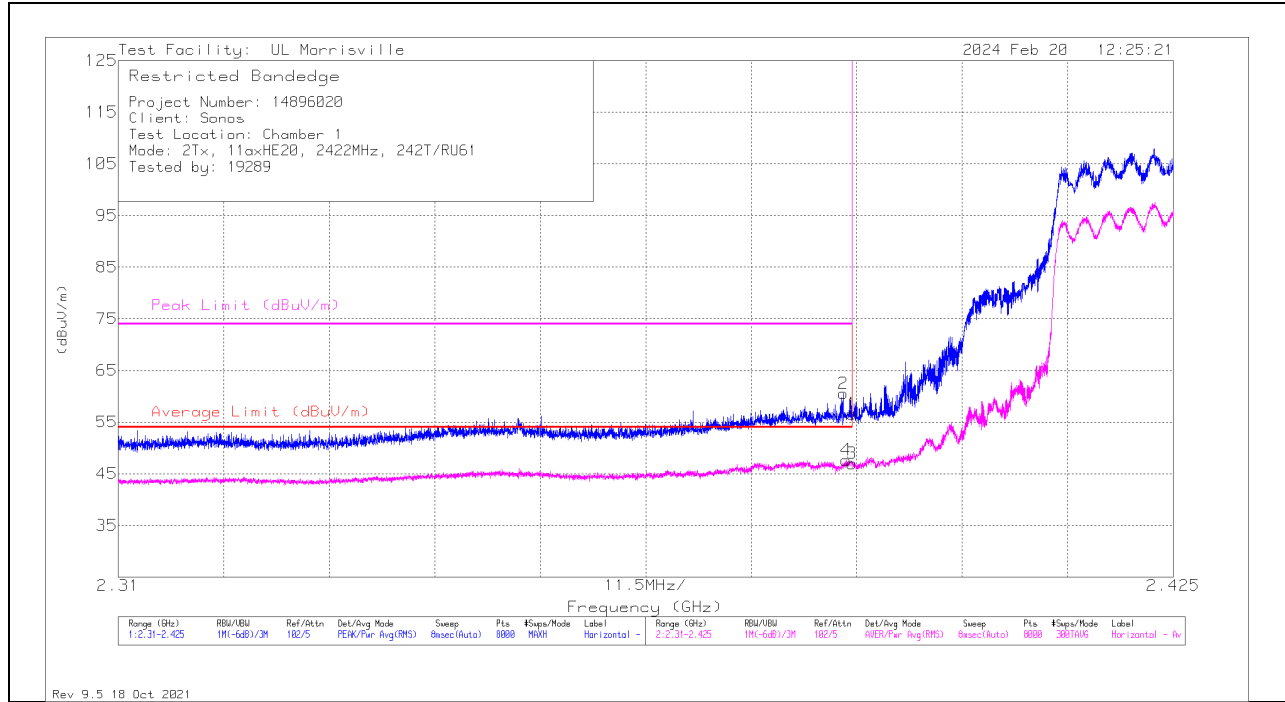


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.39       | 47.34                | Pk  | 32.1          | -24.2          | 10       | 0            | 65.24                      | -                      | -           | 74                  | -8.76          | 79             | 228         | V        |
| 2      | * ** 2.38914    | 51.72                | Pk  | 32.1          | -24.2          | 10       | 0            | 69.62                      | -                      | -           | 74                  | -4.38          | 79             | 228         | V        |
| 3      | * ** 2.39       | 30.32                | RMS | 32.1          | -24.2          | 10       | 4.15         | 52.37                      | 54                     | -1.63       | -                   | -              | 79             | 228         | V        |
| 4      | * ** 2.38998    | 30.76                | RMS | 32.1          | -24.2          | 10       | 4.15         | 52.81                      | 54                     | -1.19       | -                   | -              | 79             | 228         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### BANDEDGE (LOW CHANNEL 3)

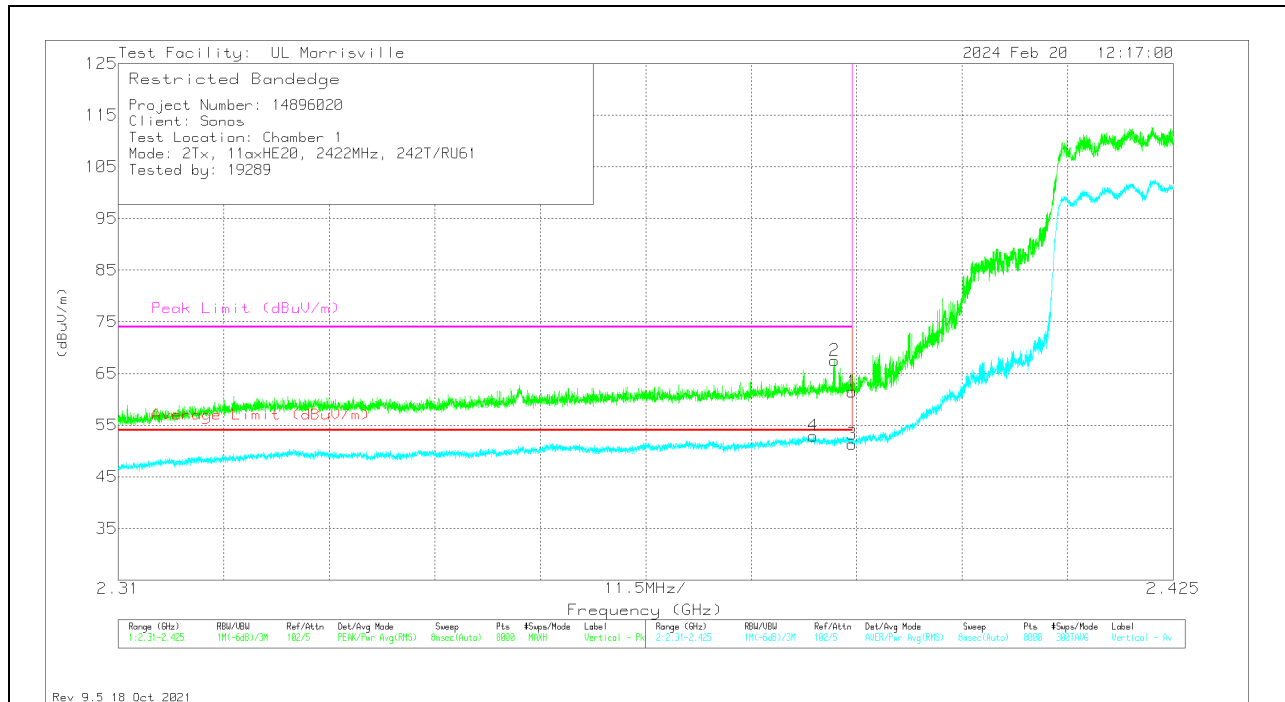
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38999    | 38.66                | Pk  | 32.1          | -24.2          | 10       | 0            | 56.56                      | -                      | -           | 74                  | -17.44         | 149            | 125         | H        |
| 2      | * ** 2.38903    | 42.65                | Pk  | 32.1          | -24.2          | 10       | 0            | 60.55                      | -                      | -           | 74                  | -13.45         | 149            | 125         | H        |
| 3      | * ** 2.38999    | 24.94                | RMS | 32.1          | -24.2          | 10       | 4.15         | 46.99                      | 54                     | -7.01       | -                   | -              | 149            | 125         | H        |
| 4      | * ** 2.38935    | 25.6                 | RMS | 32.1          | -24.2          | 10       | 4.15         | 47.65                      | 54                     | -6.35       | -                   | -              | 149            | 125         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

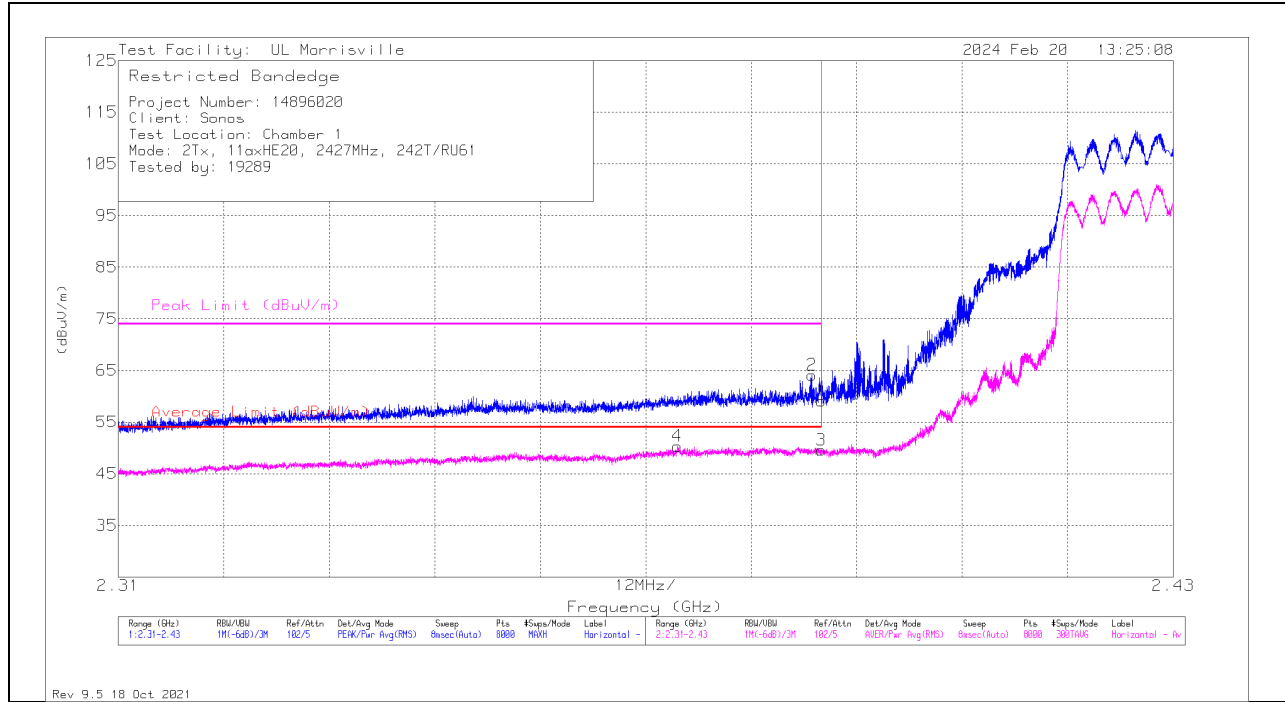


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.38999     | 43.58                | Pk  | 32.1          | -24.2          | 10       | 0            | 61.48                      | -                      | -           | 74                  | -12.52         | 77             | 129         | V        |
| 2      | *** 2.38805     | 49.6                 | Pk  | 32.1          | -24.2          | 10       | 0            | 67.5                       | -                      | -           | 74                  | -6.5           | 77             | 129         | V        |
| 3      | *** 2.38999     | 29.29                | RMS | 32.1          | -24.2          | 10       | 4.15         | 51.34                      | 54                     | -2.66       | -                   | -              | 77             | 129         | V        |
| 4      | *** 2.38575     | 30.99                | RMS | 32.1          | -24.2          | 9.9      | 4.15         | 52.94                      | 54                     | -1.06       | -                   | -              | 77             | 129         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### BANDEDGE (LOW CHANNEL 4)

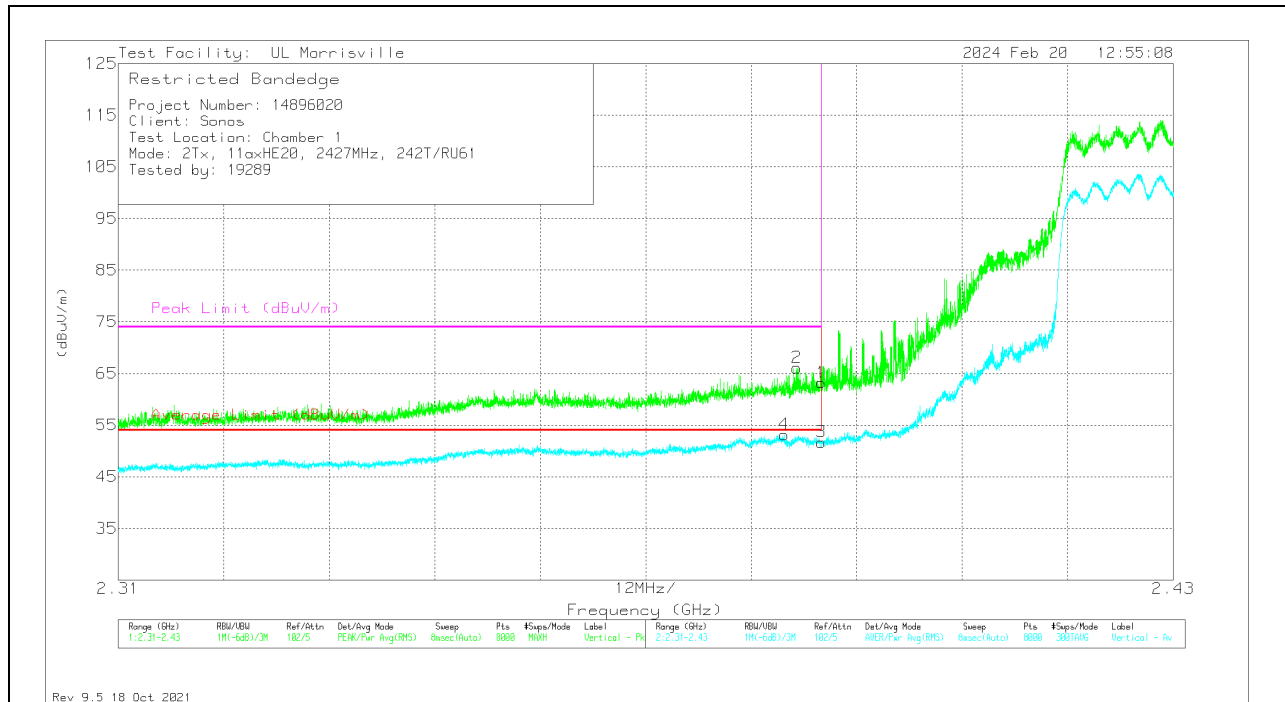
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38999    | 41.24                | Pk  | 32.1          | -24.2          | 10       | 0            | 59.14                      | -                      | -           | 74                  | -14.86         | 111            | 214         | H        |
| 2      | * ** 2.3889     | 46.19                | Pk  | 32.1          | -24.2          | 10       | 0            | 64.09                      | -                      | -           | 74                  | -9.91          | 111            | 214         | H        |
| 3      | * ** 2.38999    | 27.53                | RMS | 32.1          | -24.2          | 10       | 4.15         | 49.58                      | 54                     | -4.42       | -                   | -              | 111            | 214         | H        |
| 4      | * ** 2.37361    | 28.2                 | RMS | 32.1          | -24.1          | 10       | 4.15         | 50.35                      | 54                     | -3.65       | -                   | -              | 111            | 214         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



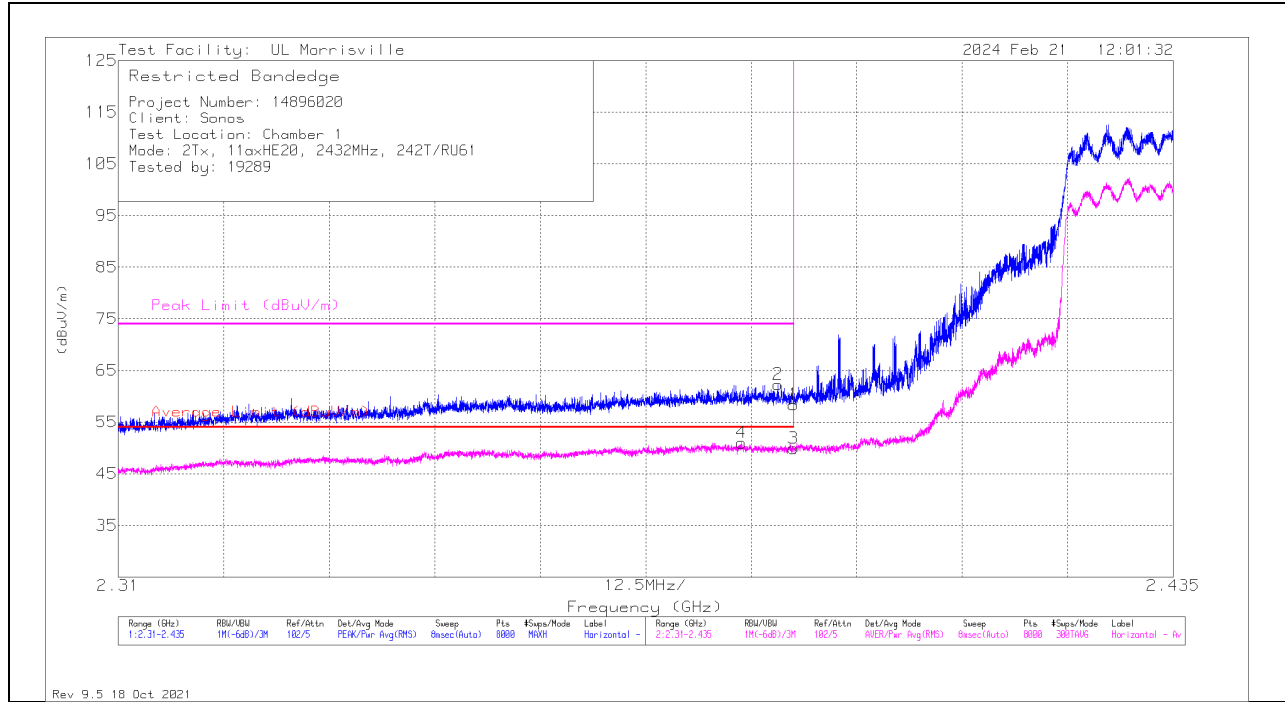
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38999    | 45.33                | Pk  | 32.1          | -24.2          | 10       | 0            | 63.23                      | -                      | -           | 74                  | -10.77         | 74             | 190         | V        |
| 2      | * ** 2.38716    | 48.3                 | Pk  | 32.1          | -24.2          | 9.9      | 0            | 66.1                       | -                      | -           | 74                  | -7.9           | 74             | 190         | V        |
| 3      | * ** 2.38999    | 29.67                | RMS | 32.1          | -24.2          | 10       | 4.15         | 51.72                      | 54                     | -2.28       | -                   | -              | 74             | 190         | V        |
| 4      | * ** 2.38576    | 31.21                | RMS | 32.1          | -24.2          | 9.9      | 4.15         | 53.16                      | 54                     | -84         | -                   | -              | 74             | 190         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



### BANDEDGE (LOW CHANNEL 5)

### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38999    | 40.49                | Pk  | 32.1          | -24.2          | 10       | 0            | 58.39                      | -                      | -           | 74                  | -15.61         | 100            | 126         | H        |
| 2      | * ** 2.38817    | 44.39                | Pk  | 32.1          | -24.2          | 10       | 0            | 62.29                      | -                      | -           | 74                  | -11.71         | 100            | 126         | H        |
| 3      | * ** 2.38999    | 27.87                | RMS | 32.1          | -24.2          | 10       | 4.15         | 49.92                      | 54                     | -4.08       | -                   | -              | 100            | 126         | H        |
| 4      | * ** 2.38385    | 29.05                | RMS | 32.1          | -24.2          | 9.9      | 4.15         | 51                         | 54                     | -3          | -                   | -              | 100            | 126         | H        |

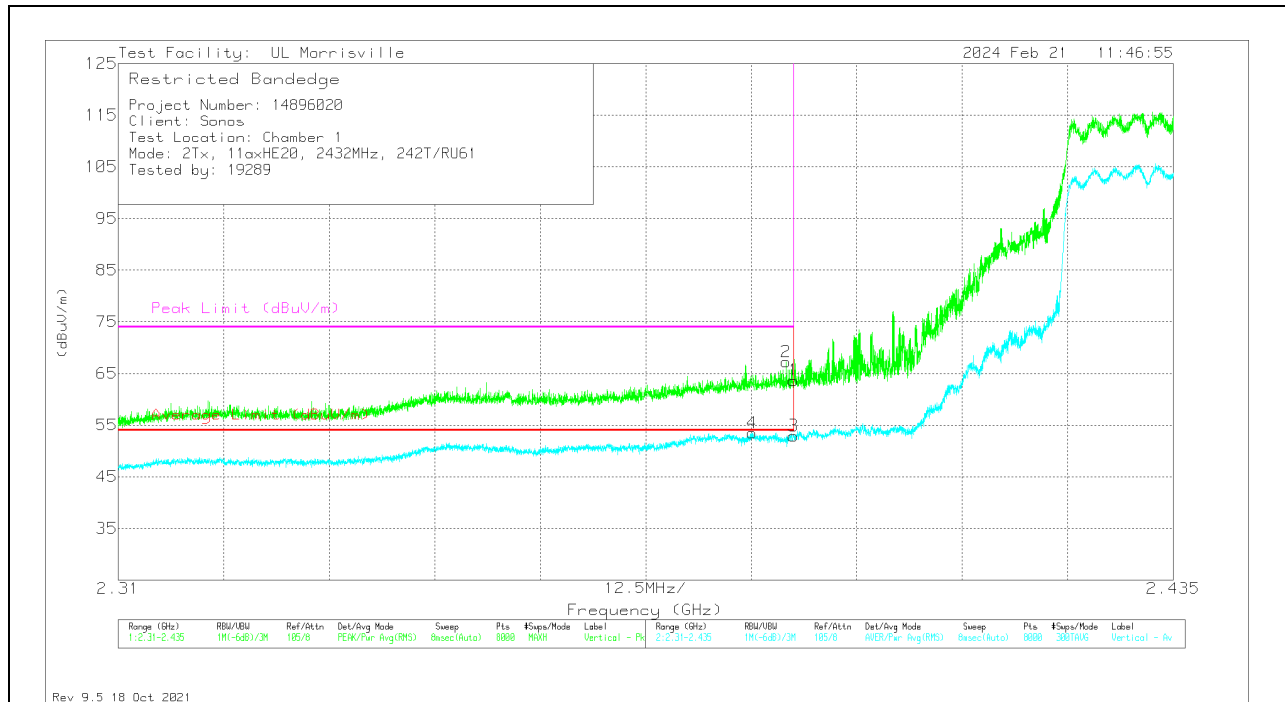
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

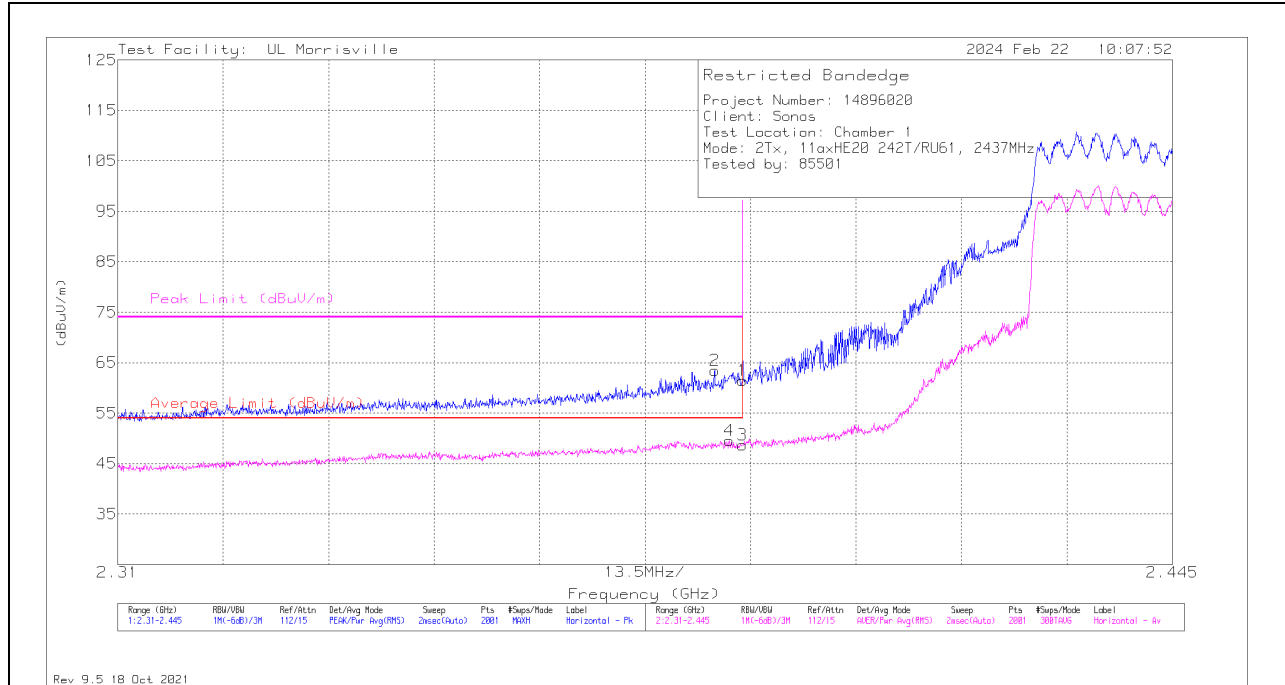


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.38999    | 45.76                | Pk  | 32.1          | -24.2          | 10       | 0            | 63.66                      | -                      | -           | 74                  | -10.34         | 80             | 216         | V        |
| 2      | * ** 2.38915    | 49.34                | Pk  | 32.1          | -24.2          | 10       | 0            | 67.24                      | -                      | -           | 74                  | -6.76          | 80             | 216         | V        |
| 3      | * ** 2.38999    | 30.85                | RMS | 32.1          | -24.2          | 10       | 4.15         | 52.9                       | 54                     | -1.1        | -                   | -              | 80             | 216         | V        |
| 4      | * ** 2.38512    | 31.53                | RMS | 32.1          | -24.2          | 9.9      | 4.15         | 53.48                      | 54                     | -52         | -                   | -              | 80             | 216         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (MID CHANNEL 6 LOW)**

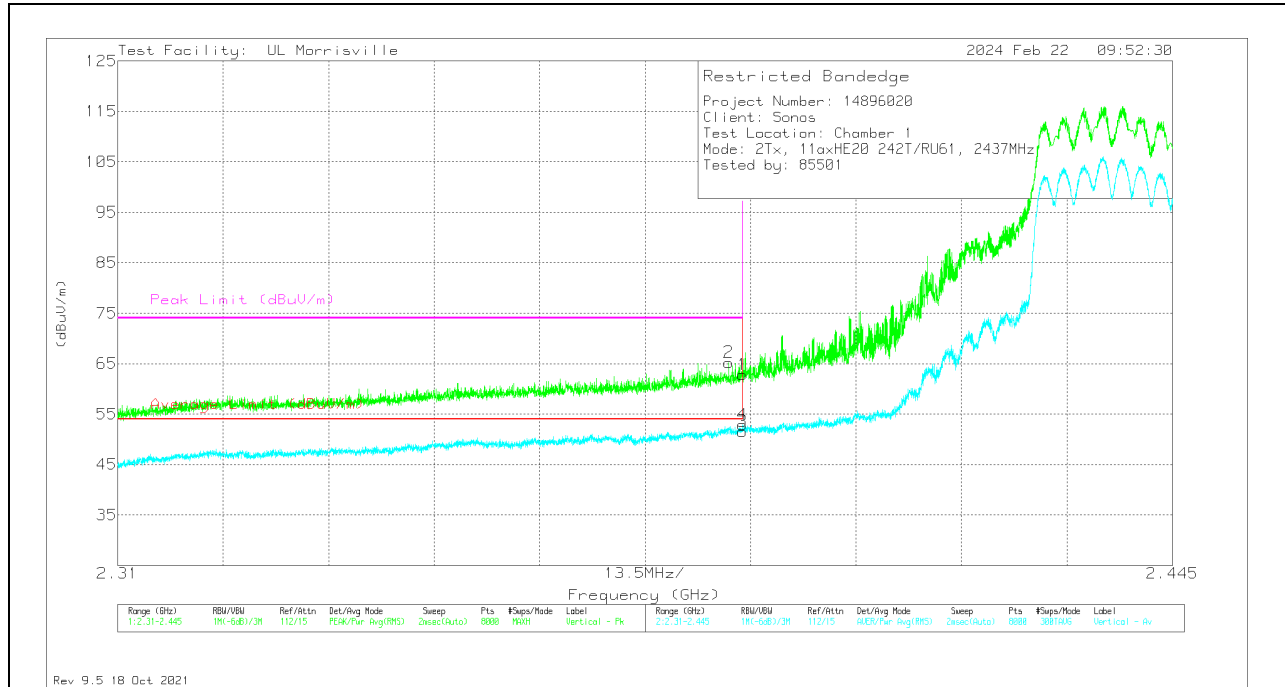
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.38999     | 53.6                 | Pk  | 32.1          | -24.2          | 0            | 61.5                       | -                      | -           | 74                  | -12.5          | 120            | 202         | H        |
| 2      | *** 2.38641     | 55.54                | Pk  | 32.1          | -24.2          | 0            | 63.44                      | -                      | -           | 74                  | -10.56         | 120            | 202         | H        |
| 3      | *** 2.38999     | 36.59                | RMS | 32.1          | -24.2          | 4.15         | 48.64                      | 54                     | -5.36       | -                   | -              | 120            | 202         | H        |
| 4      | *** 2.3883      | 37.44                | RMS | 32.1          | -24.2          | 4.15         | 49.49                      | 54                     | -4.51       | -                   | -              | 120            | 202         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

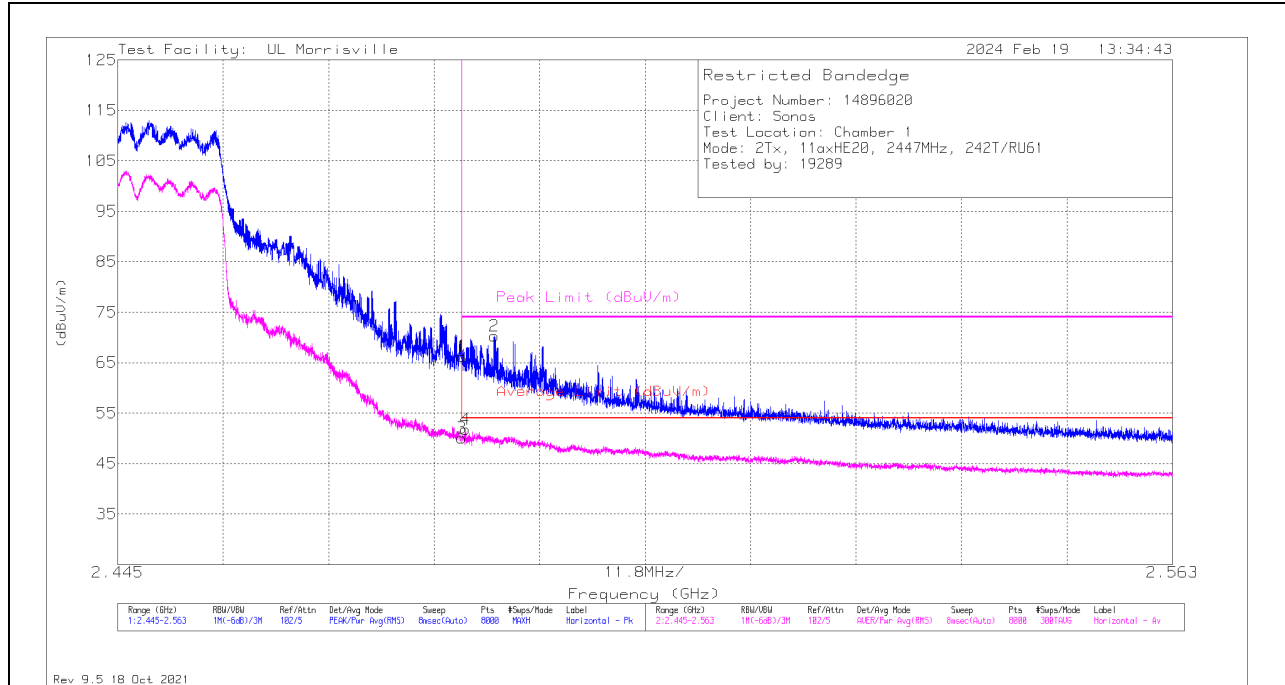


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.39        | 54.9                 | Pk  | 32.1          | -24.2          | 0            | 62.8                       | -                      | -           | 74                  | -11.2          | 331            | 212         | V        |
| 2      | *** 2.38821     | 57.35                | Pk  | 32.1          | -24.2          | 0            | 65.25                      | -                      | -           | 74                  | -8.75          | 331            | 212         | V        |
| 3      | *** 2.39        | 39.54                | RMS | 32.1          | -24.2          | 4.15         | 51.59                      | 54                     | -2.41       | -                   | -              | 331            | 212         | V        |
| 4      | *** 2.38993     | 40.8                 | RMS | 32.1          | -24.2          | 4.15         | 52.85                      | 54                     | -1.15       | -                   | -              | 331            | 212         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 8)**

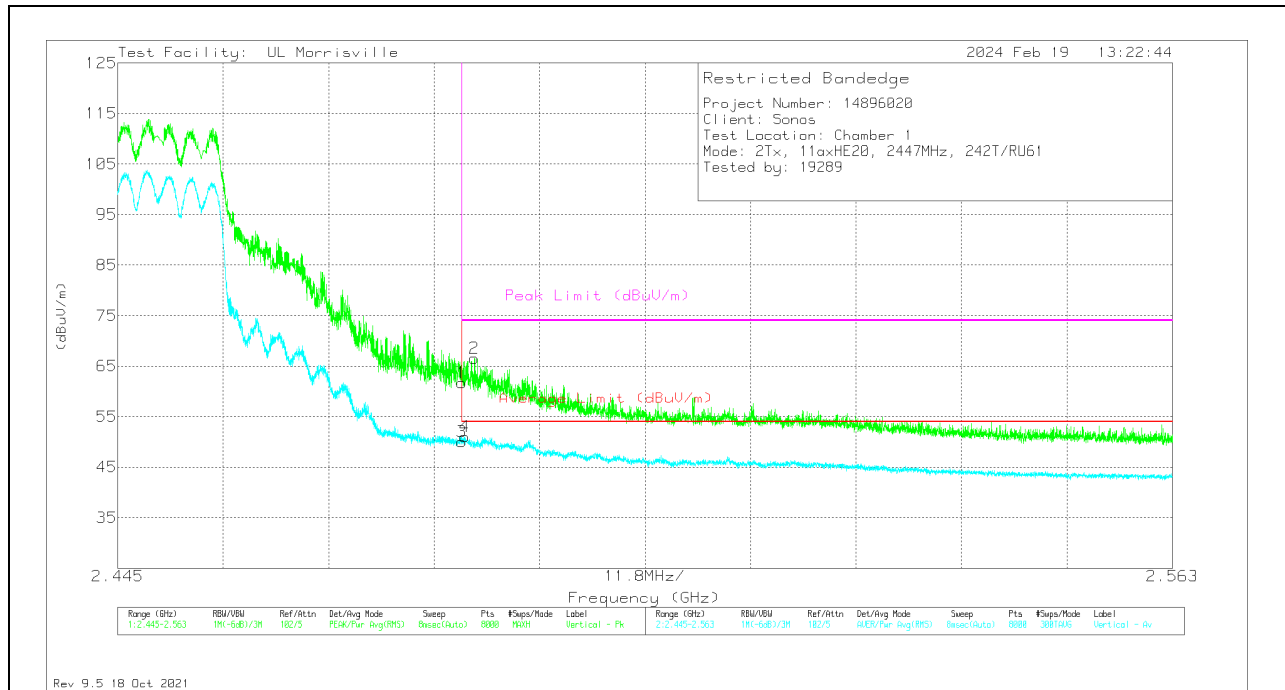
**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 48.34                | Pk  | 32.3          | -24.5          | 10       | 0            | 66.14                      | -                      | -           | 74                  | -7.86          | 97             | 130         | H        |
| 2      | *** 2.48715     | 52.56                | Pk  | 32.3          | -24.6          | 10       | 0            | 70.26                      | -                      | -           | 74                  | -3.74          | 97             | 130         | H        |
| 3      | *** 2.4835      | 28.12                | RMS | 32.3          | -24.5          | 10       | 4.15         | 50.07                      | 54                     | -3.93       | -                   | -              | 97             | 130         | H        |
| 4      | *** 2.48389     | 29.78                | RMS | 32.3          | -24.5          | 10       | 4.15         | 51.73                      | 54                     | -2.27       | -                   | -              | 97             | 130         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

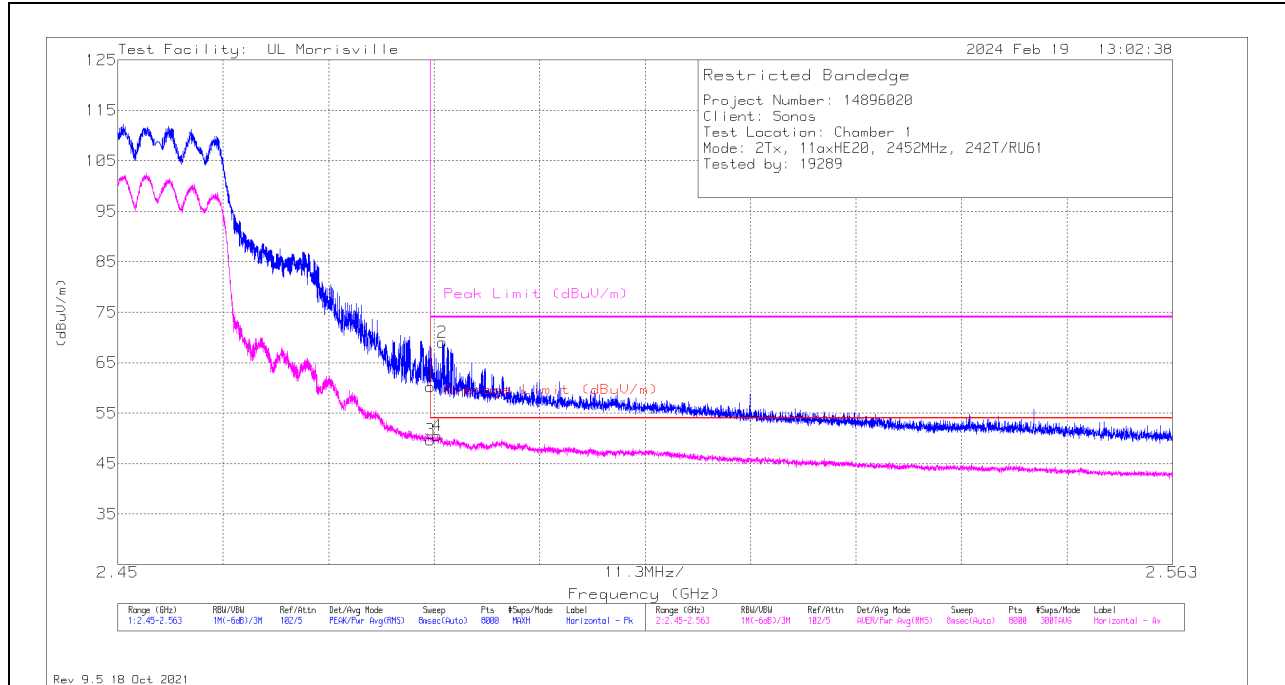


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 43.95                | Pk  | 32.3          | -24.5          | 10       | 0            | 61.75                      | -                      | -           | 74                  | -12.25         | 4              | 160         | V        |
| 2      | *** 2.48492     | 48.7                 | Pk  | 32.3          | -24.5          | 10       | 0            | 66.5                       | -                      | -           | 74                  | -7.5           | 4              | 160         | V        |
| 3      | *** 2.4835      | 28.12                | RMS | 32.3          | -24.5          | 10       | 4.15         | 50.07                      | 54                     | -3.93       | -                   | -              | 4              | 160         | V        |
| 4      | *** 2.48386     | 29.07                | RMS | 32.3          | -24.5          | 10       | 4.15         | 51.02                      | 54                     | -2.98       | -                   | -              | 4              | 160         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.48351    | 42.46                | Pk  | 32.3          | -24.5          | 10       | 0            | 60.26                      | -                      | -           | 74                  | -13.74         | 107            | 204         | H        |
| 2      | * ** 2.48479    | 51.29                | Pk  | 32.3          | -24.5          | 10       | 0            | 69.09                      | -                      | -           | 74                  | -4.91          | 107            | 204         | H        |
| 3      | * ** 2.48351    | 27.67                | RMS | 32.3          | -24.5          | 10       | 4.15         | 49.62                      | 54                     | -4.38       | -                   | -              | 107            | 204         | H        |
| 4      | * ** 2.48424    | 28.64                | RMS | 32.3          | -24.5          | 10       | 4.15         | 50.59                      | 54                     | -3.41       | -                   | -              | 107            | 204         | H        |

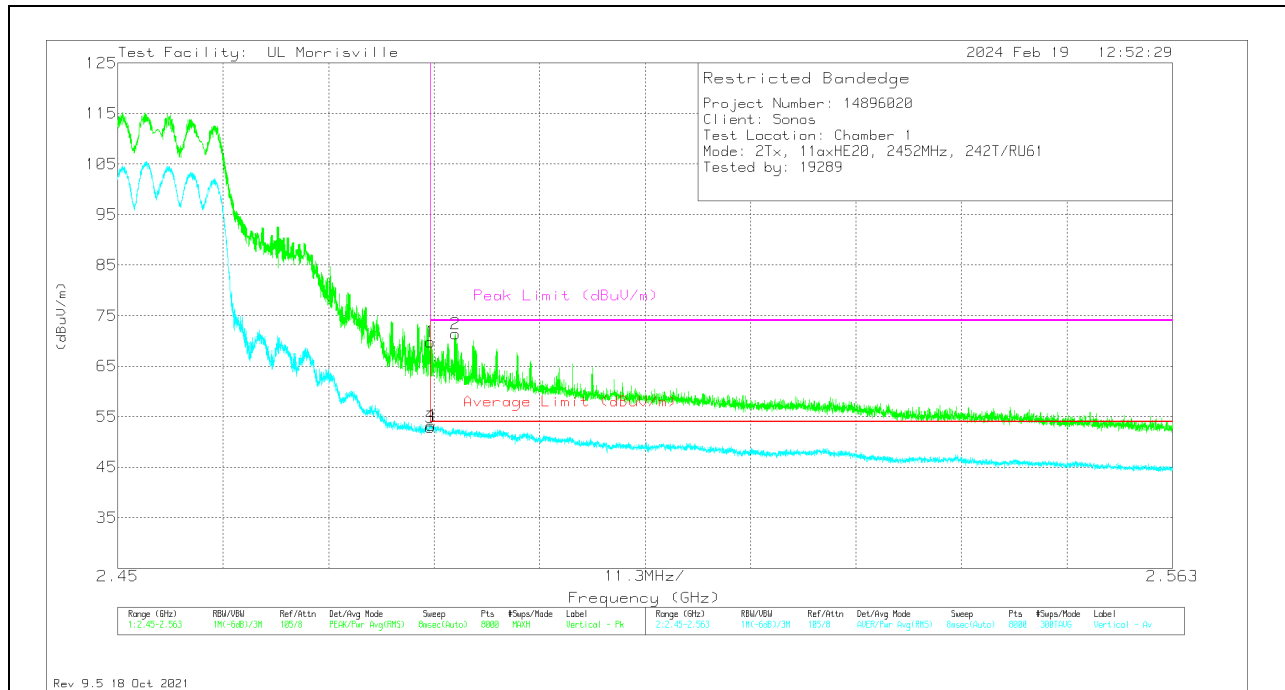
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.48351    | 51.93                | Pk  | 32.3          | -24.5          | 10       | 0            | 69.73                      | -                      | -           | 74                  | -4.27          | 345            | 164         | V        |
| 2      | * ** 2.48619    | 53.65                | Pk  | 32.3          | -24.6          | 10       | 0            | 71.35                      | -                      | -           | 74                  | -2.65          | 345            | 164         | V        |
| 3      | * ** 2.48351    | 30.95                | RMS | 32.3          | -24.5          | 10       | 4.15         | 52.9                       | 54                     | -1.1        | -                   | -              | 345            | 164         | V        |
| 4      | * ** 2.48358    | 31.32                | RMS | 32.3          | -24.5          | 10       | 4.15         | 53.27                      | 54                     | -.73        | -                   | -              | 345            | 164         | V        |

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

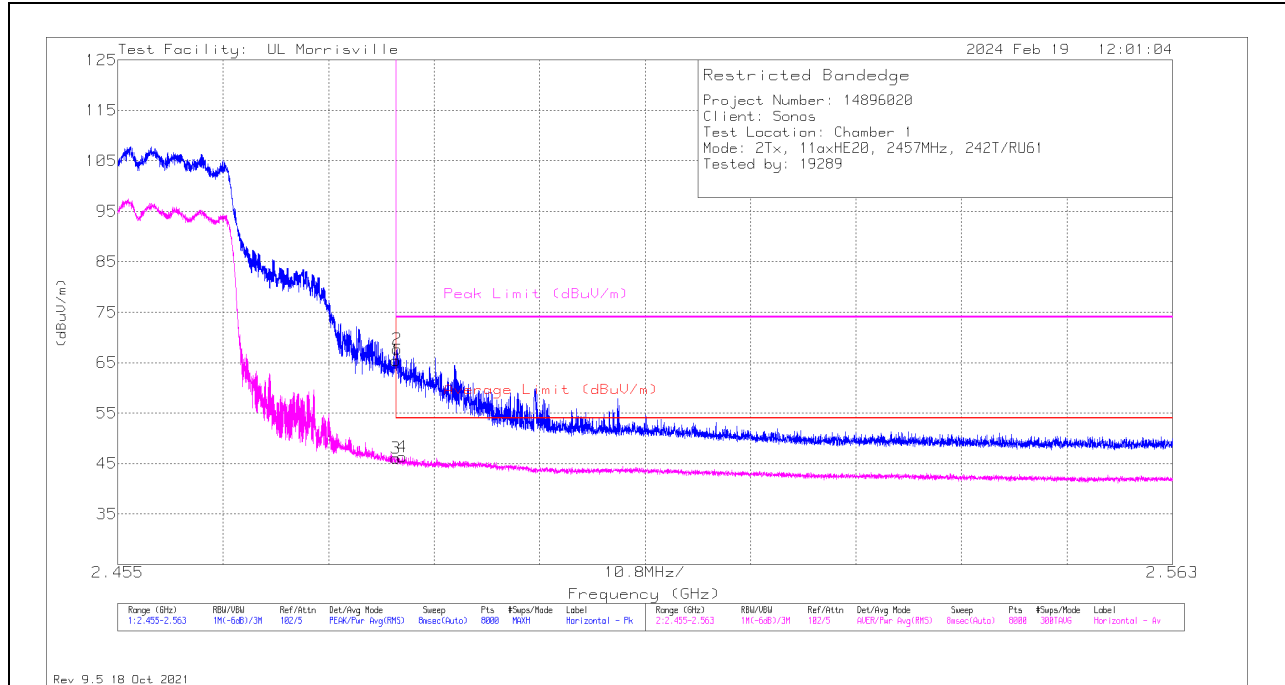
Pk - Peak detector

RMS - RMS detection



**BANDEDGE (HIGH CHANNEL 10)**

**HORIZONTAL RESULT**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 47.66                | Pk  | 32.3          | -24.5          | 10       | 0            | 65.46                      | -                      | -           | 74                  | -8.54          | 46             | 223         | H        |
| 2      | *** 2.48358     | 49.84                | Pk  | 32.3          | -24.5          | 10       | 0            | 67.64                      | -                      | -           | 74                  | -6.36          | 46             | 223         | H        |
| 3      | *** 2.4835      | 24.1                 | RMS | 32.3          | -24.5          | 10       | 4.15         | 46.05                      | 54                     | -7.95       | -                   | -              | 46             | 223         | H        |
| 4      | *** 2.48415     | 24.37                | RMS | 32.3          | -24.5          | 10       | 4.15         | 46.32                      | 54                     | -7.68       | -                   | -              | 46             | 223         | H        |

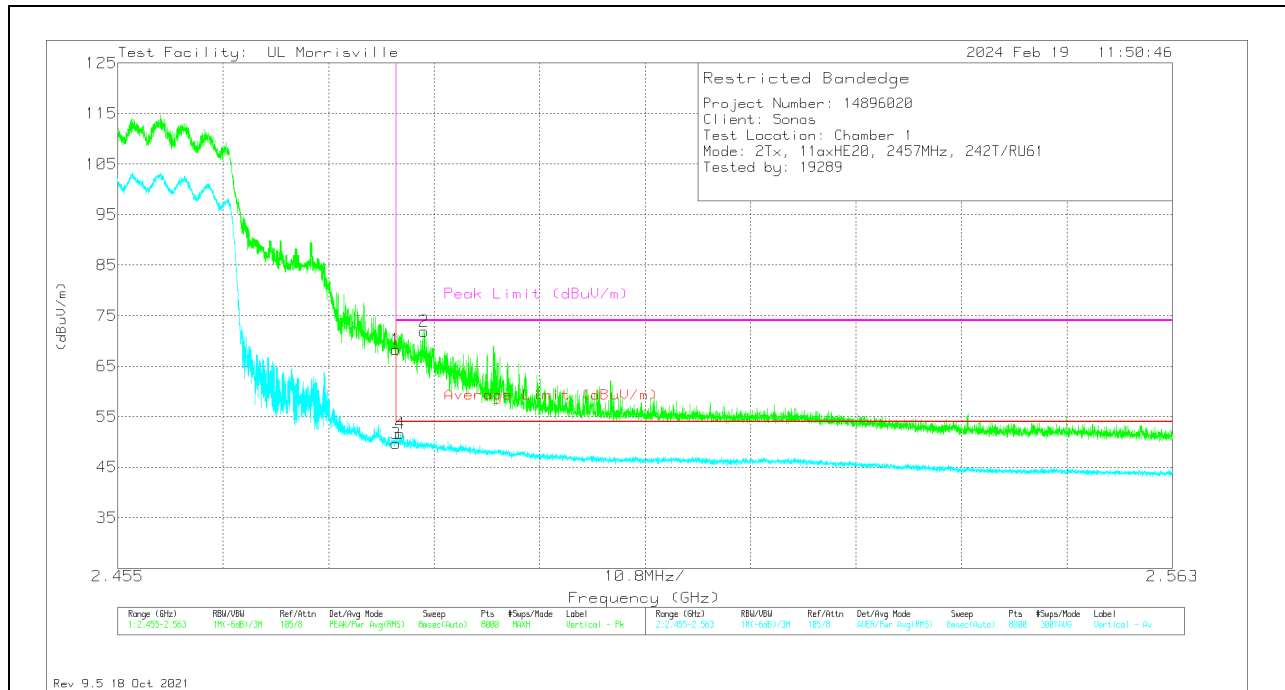
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.4835     | 50.5                 | Pk  | 32.3          | -24.5          | 10       | 0            | 68.3                       | -                      | -           | 74                  | -5.7           | 79             | 261         | V        |
| 2      | * ** 2.48639    | 54.19                | Pk  | 32.3          | -24.6          | 10       | 0            | 71.89                      | -                      | -           | 74                  | -2.11          | 79             | 261         | V        |
| 3      | * ** 2.4835     | 27.7                 | RMS | 32.3          | -24.5          | 10       | 4.15         | 49.65                      | 54                     | -4.35       | -                   | -              | 79             | 261         | V        |
| 4      | * ** 2.48391    | 29.73                | RMS | 32.3          | -24.5          | 10       | 4.15         | 51.68                      | 54                     | -2.32       | -                   | -              | 79             | 261         | V        |

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

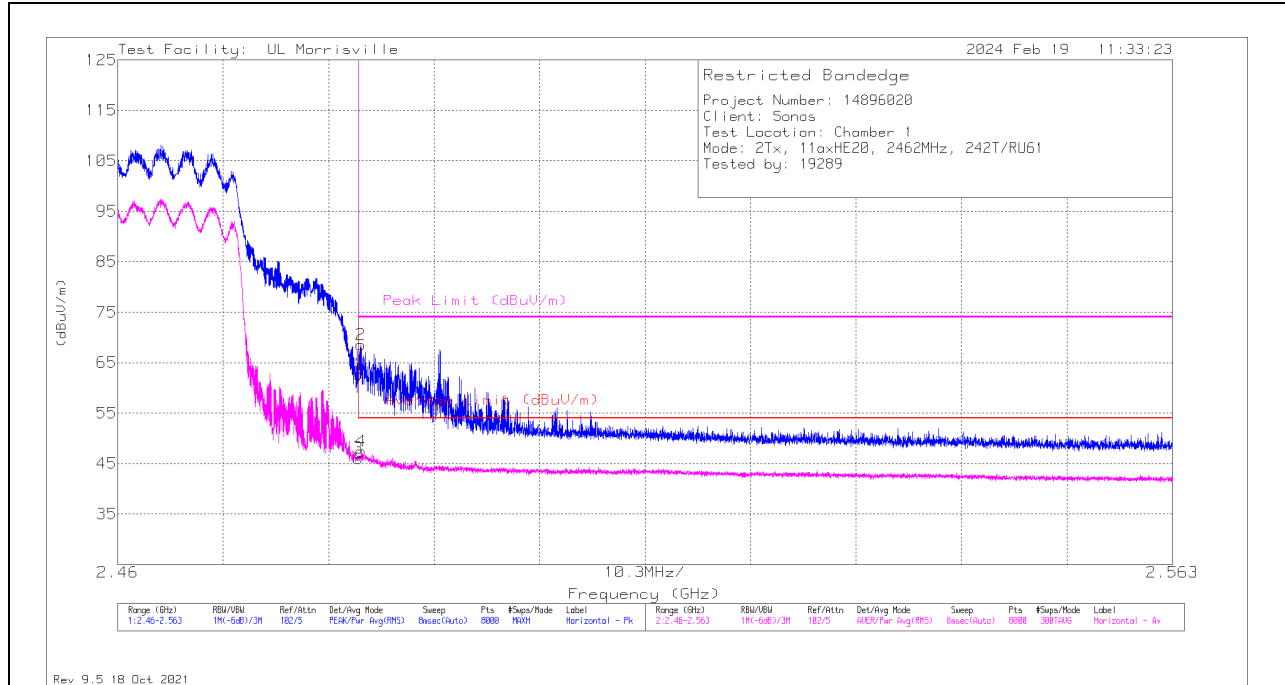
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### BANDEDGE (HIGH CHANNEL 11)

### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 44.94                | Pk  | 32.3          | -24.5          | 10       | 0            | 62.74                      | -                      | -           | 74                  | -11.26         | 89             | 288         | H        |
| 2      | *** 2.48372     | 50.74                | Pk  | 32.3          | -24.5          | 10       | 0            | 68.54                      | -                      | -           | 74                  | -5.46          | 89             | 288         | H        |
| 3      | *** 2.4835      | 24.06                | RMS | 32.3          | -24.5          | 10       | 4.15         | 46.01                      | 54                     | -7.99       | -                   | -              | 89             | 288         | H        |
| 4      | *** 2.48377     | 25.48                | RMS | 32.3          | -24.5          | 10       | 4.15         | 47.43                      | 54                     | -6.57       | -                   | -              | 89             | 288         | H        |

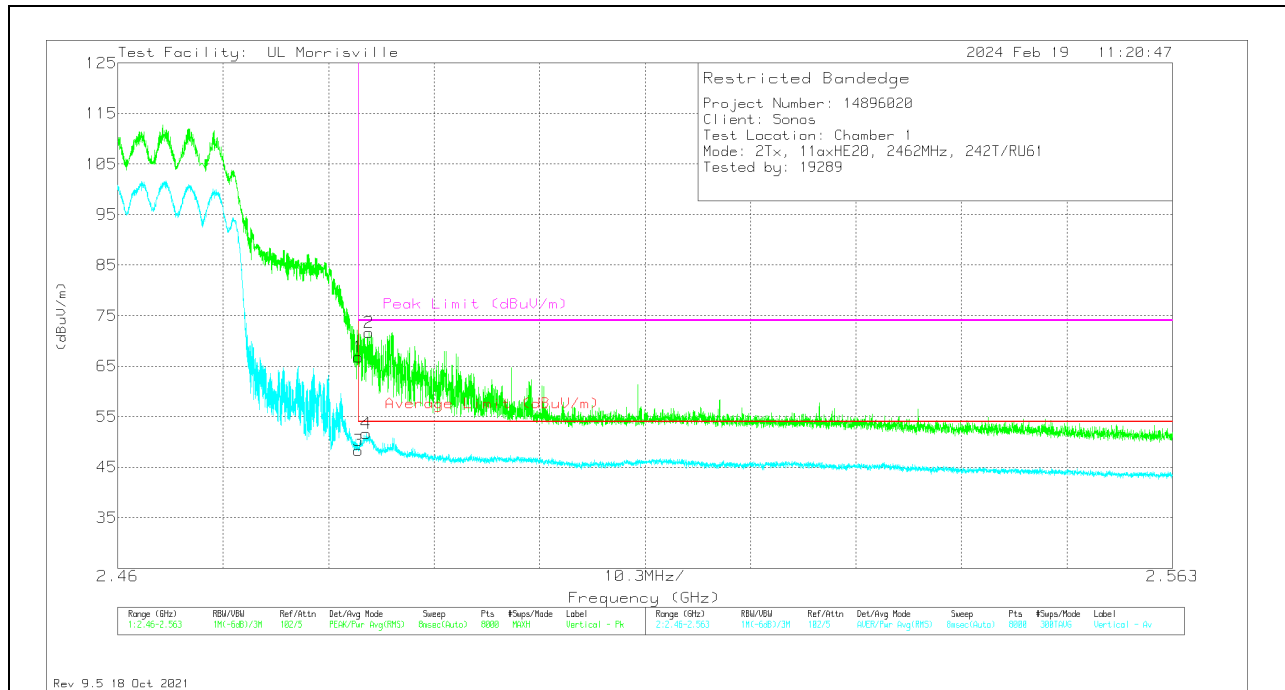
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

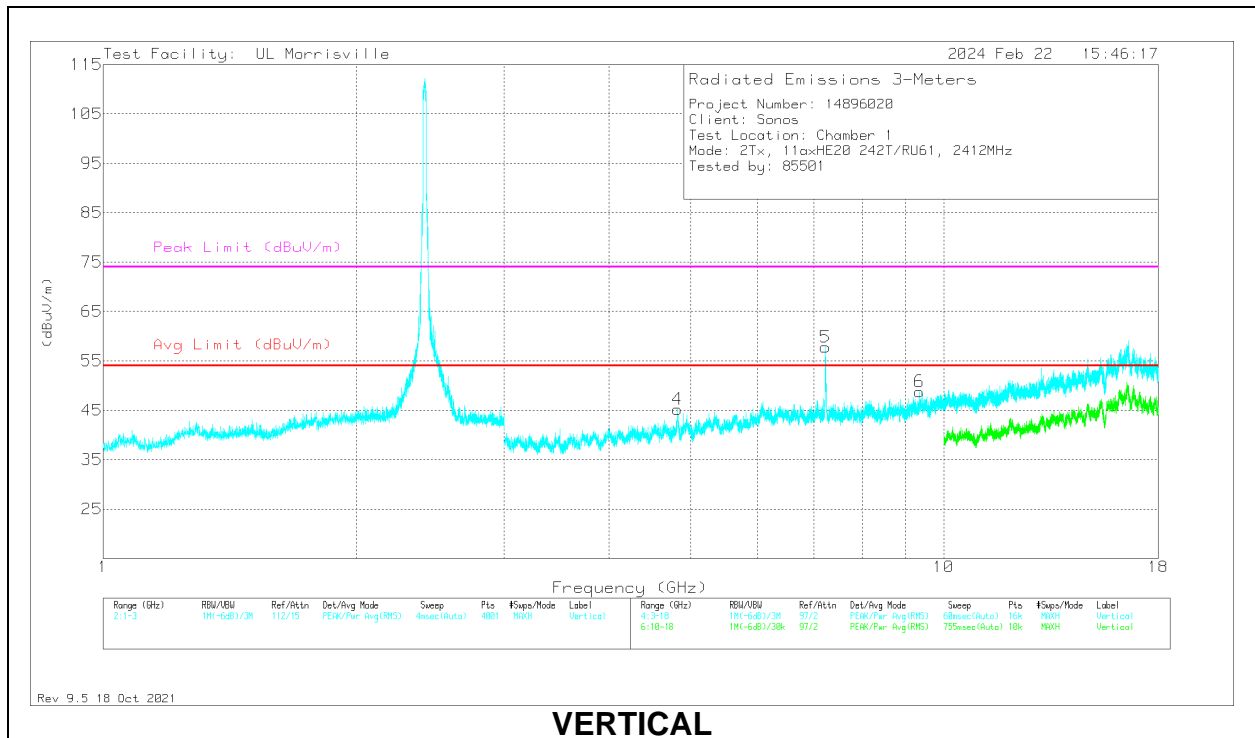
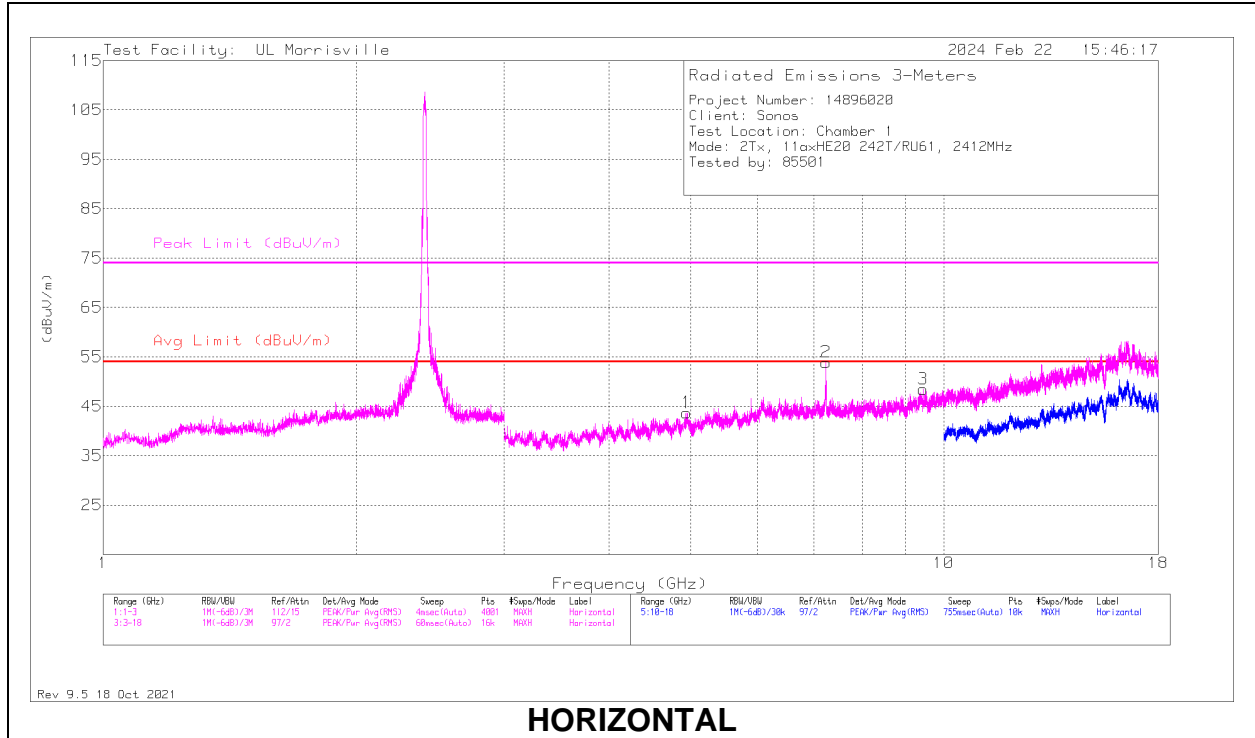


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 48.97                | Pk  | 32.3          | -24.5          | 10       | 0            | 66.77                      | -                      | -           | 74                  | -7.23          | 343            | 141         | V        |
| 2      | ** 2.48454      | 53.83                | Pk  | 32.3          | -24.5          | 10       | 0            | 71.63                      | -                      | -           | 74                  | -2.37          | 343            | 141         | V        |
| 3      | *** 2.4835      | 26.41                | RMS | 32.3          | -24.5          | 10       | 4.15         | 48.36                      | 54                     | -5.64       | -                   | -              | 343            | 141         | V        |
| 4      | *** 2.48426     | 29.73                | RMS | 32.3          | -24.5          | 10       | 4.15         | 51.68                      | 54                     | -2.32       | -                   | -              | 343            | 141         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL 1 RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 4.94438     | 40.07                | Pk  | 34            | -30.4          | 0            | 43.67                      | 54                 | -10.33      | 74                  | -30.33         | 0-360          | 200         | H        |
| 3      | *** 9.45535     | 38.22                | PK2 | 36.5          | -25.3          | 0            | 49.42                      | -                  | -           | 74                  | -24.58         | 139            | 242         | H        |
|        | *** 9.45572     | 26.3                 | ADR | 36.5          | -25.2          | 4.15         | 41.75                      | 54                 | -12.25      | -                   | -              | 139            | 242         | H        |
| 4      | *** 4.81969     | 41.3                 | Pk  | 34            | -30.1          | 0            | 45.2                       | 54                 | -8.8        | 74                  | -28.8          | 0-360          | 101         | V        |
| 6      | *** 9.36072     | 38.58                | PK2 | 36.3          | -25.7          | 0            | 49.18                      | -                  | -           | 74                  | -24.82         | 230            | 335         | V        |
|        | *** 9.35845     | 26.84                | ADR | 36.3          | -25.6          | 4.15         | 41.69                      | 54                 | -12.31      | -                   | -              | 230            | 335         | V        |
| 5      | 7.23188         | 49.19                | Pk  | 35.6          | -27            | 0            | 57.79                      | -                  | -           | -                   | -              | 0-360          | 101         | V        |
| 2      | 7.24406         | 44.91                | Pk  | 35.6          | -26.6          | 0            | 53.91                      | -                  | -           | -                   | -              | 0-360          | 200         | H        |

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

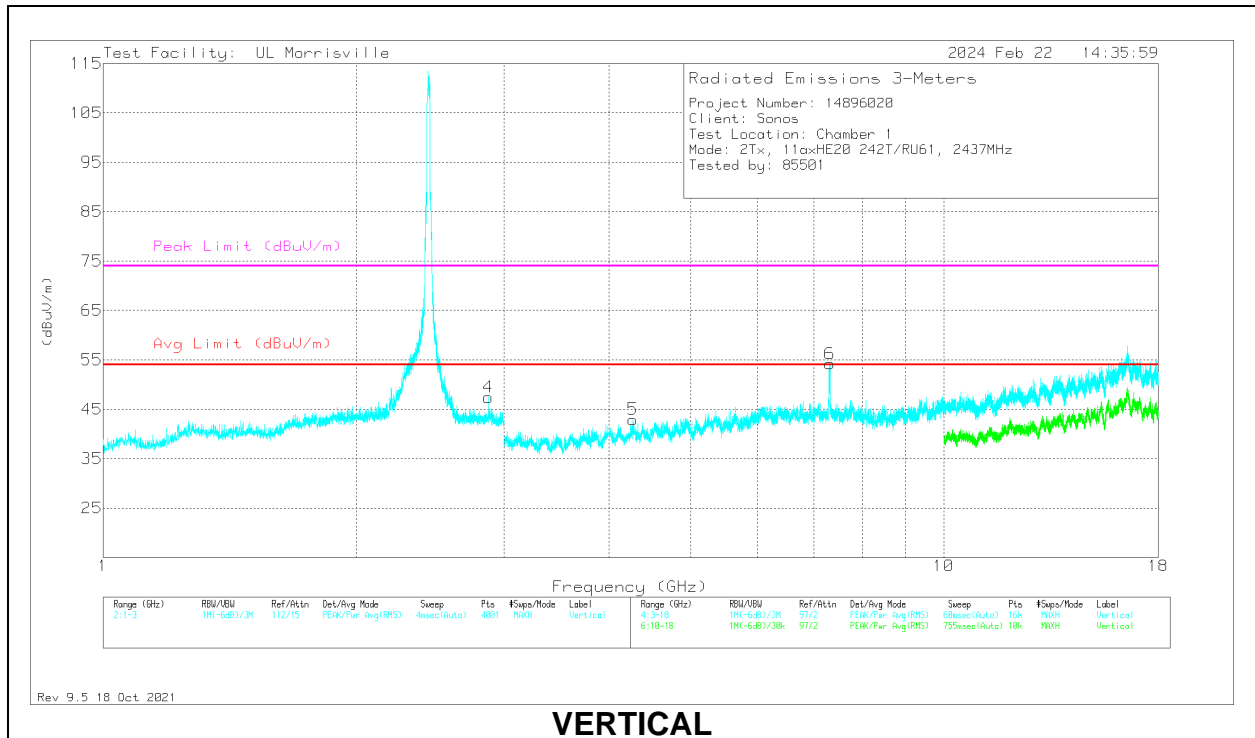
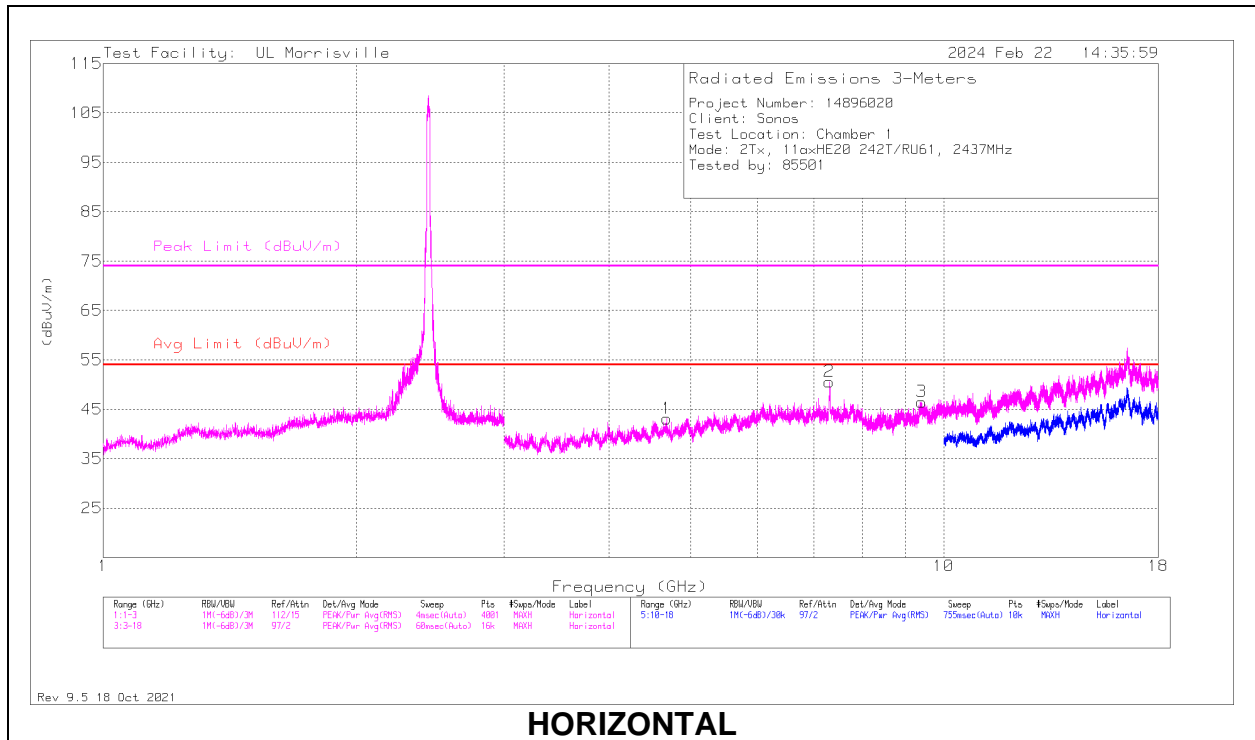
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average

### MID CHANNEL 6 RESULTS



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | *** 2.873       | 40.83                | Pk  | 32.5          | -25.9          | 0            | 47.43                      | 54                 | -6.57       | 74                  | -26.57         | 0-360          | 200         | V        |
| 1      | *** 4.68375     | 39.91                | Pk  | 34.2          | -31            | 0            | 43.11                      | 54                 | -10.89      | 74                  | -30.89         | 0-360          | 199         | H        |
| 2      | *** 7.30588     | 50.21                | PK2 | 35.6          | -26.7          | 0            | 59.11                      | -                  | -           | 74                  | -14.89         | 328            | 245         | H        |
|        | *** 7.31314     | 32.91                | ADR | 35.6          | -26.7          | 4.15         | 45.96                      | 54                 | -8.04       | -                   | -              | 328            | 245         | H        |
| 3      | *** 9.41156     | 35.41                | Pk  | 36.4          | -25.3          | 0            | 46.51                      | 54                 | -7.49       | 74                  | -27.49         | 0-360          | 199         | H        |
| 5      | *** 4.2675      | 40.13                | Pk  | 33.4          | -30.6          | 0            | 42.93                      | 54                 | -11.07      | 74                  | -31.07         | 0-360          | 200         | V        |
| 6      | *** 7.3057      | 53.18                | PK2 | 35.6          | -26.7          | 0            | 62.08                      | -                  | -           | 74                  | -11.92         | 334            | 111         | V        |
|        | *** 7.30775     | 35.56                | ADR | 35.6          | -26.6          | 4.15         | 48.71                      | 54                 | -5.29       | -                   | -              | 334            | 111         | V        |

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

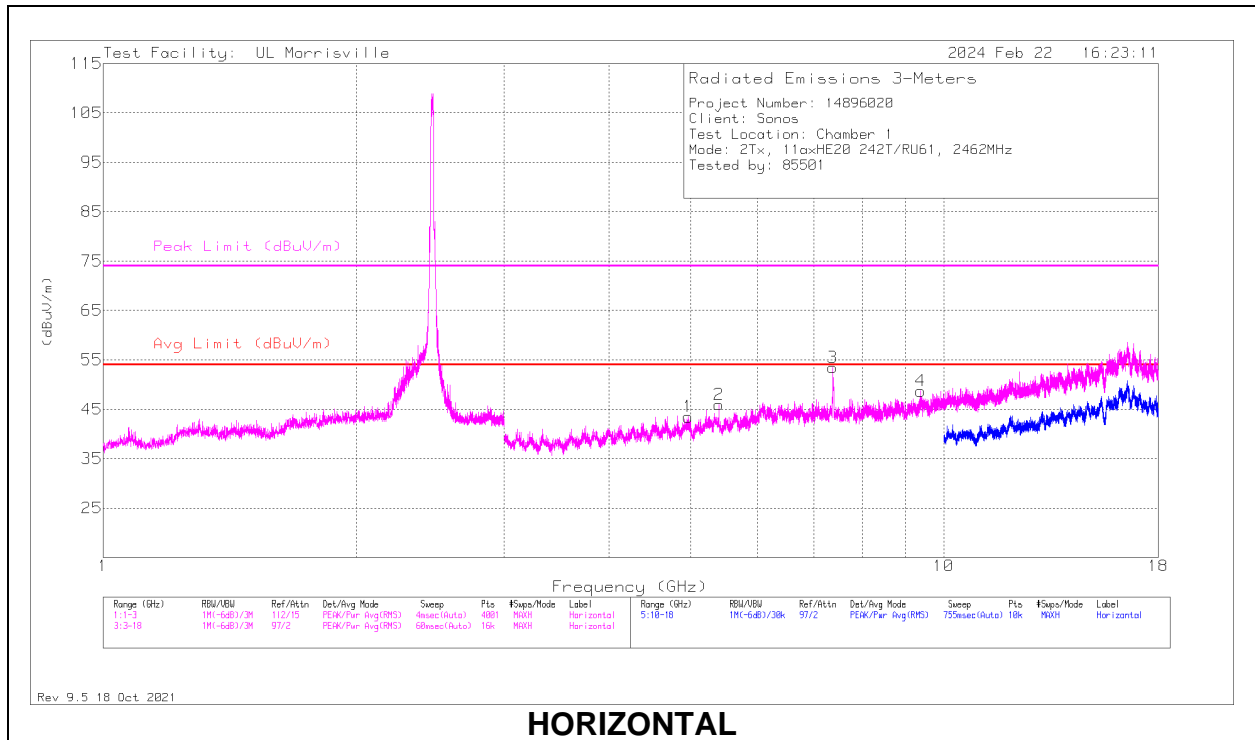
Pk - Peak detector

PK2 - Maximum Peak

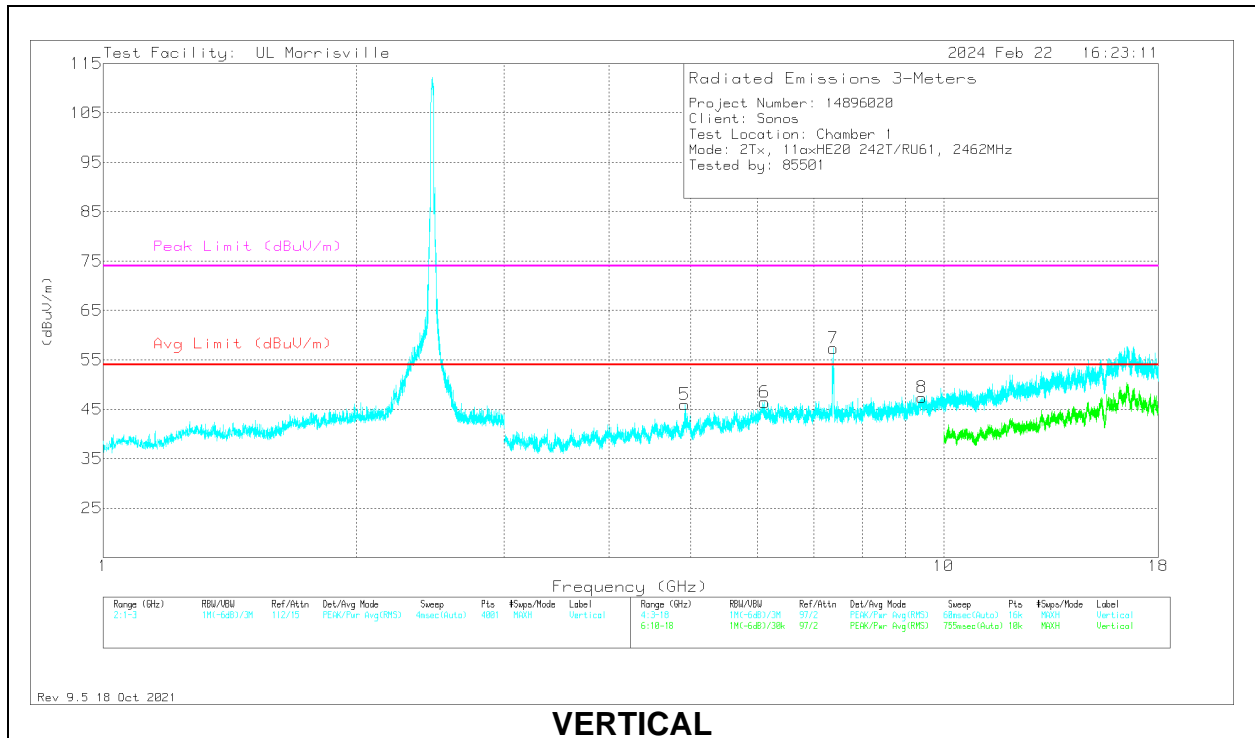
ADR - RMS average



### HIGH CHANNEL 11 RESULTS



**HORIZONTAL**



**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 4.96313     | 39.89                | Pk  | 34            | -30.4          | 0            | 43.49                      | 54                 | -10.51      | 74                  | -30.51         | 0-360          | 200         | H        |
| 2      | *** 5.40188     | 40.74                | Pk  | 34.5          | -29.3          | 0            | 45.94                      | 54                 | -8.06       | 74                  | -28.06         | 0-360          | 200         | H        |
| 3      | *** 7.38307     | 51.8                 | PK2 | 35.7          | -26.6          | 0            | 60.9                       | -                  | -           | 74                  | -13.1          | 324            | 202         | H        |
|        | *** 7.38502     | 33.3                 | ADR | 35.7          | -26.6          | 4.15         | 46.55                      | 54                 | -7.45       | -                   | -              | 324            | 202         | H        |
| 4      | *** 9.38441     | 38.43                | PK2 | 36.4          | -25.7          | 0            | 49.13                      | -                  | -           | 74                  | -24.87         | 107            | 304         | H        |
|        | *** 9.38438     | 26.84                | ADR | 36.4          | -25.7          | 4.15         | 41.69                      | 54                 | -12.31      | -                   | -              | 107            | 304         | H        |
| 5      | *** 4.91906     | 42.16                | Pk  | 34            | -30.2          | 0            | 45.96                      | 54                 | -8.04       | 74                  | -28.04         | 0-360          | 101         | V        |
| 7      | *** 7.38593     | 49.77                | PK2 | 35.7          | -26.6          | 0            | 58.87                      | -                  | -           | 74                  | -15.13         | 84             | 218         | V        |
|        | *** 7.38553     | 33.15                | ADR | 35.7          | -26.6          | 4.15         | 46.4                       | 54                 | -7.6        | -                   | -              | 84             | 218         | V        |
| 8      | *** 9.42656     | 36.59                | Pk  | 36.4          | -25.6          | 0            | 47.39                      | 54                 | -6.61       | 74                  | -26.61         | 0-360          | 101         | V        |
| 6      | 6.12            | 39.71                | Pk  | 35.3          | -28.6          | 0            | 46.41                      | -                  | -           | -                   | -              | 0-360          | 101         | V        |

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

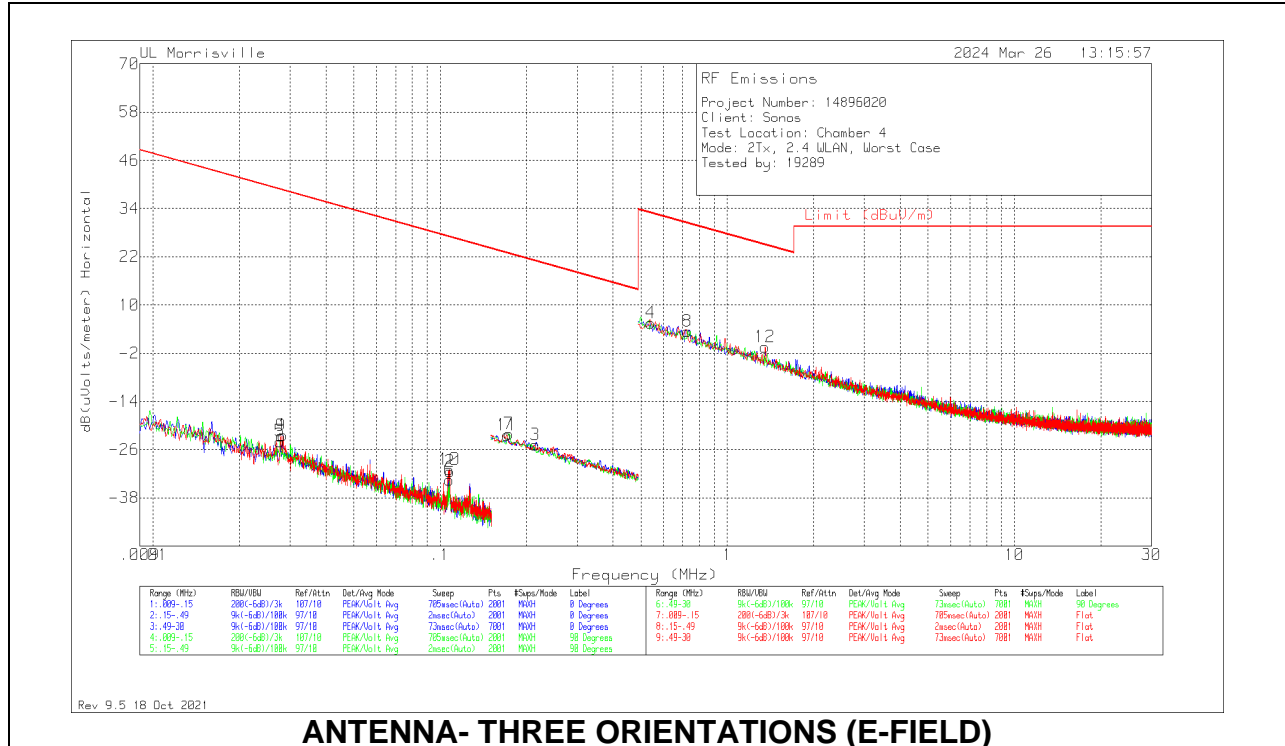
Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average

### 10.2. WORST CASE SPURIOUS BELOW 30MHZ

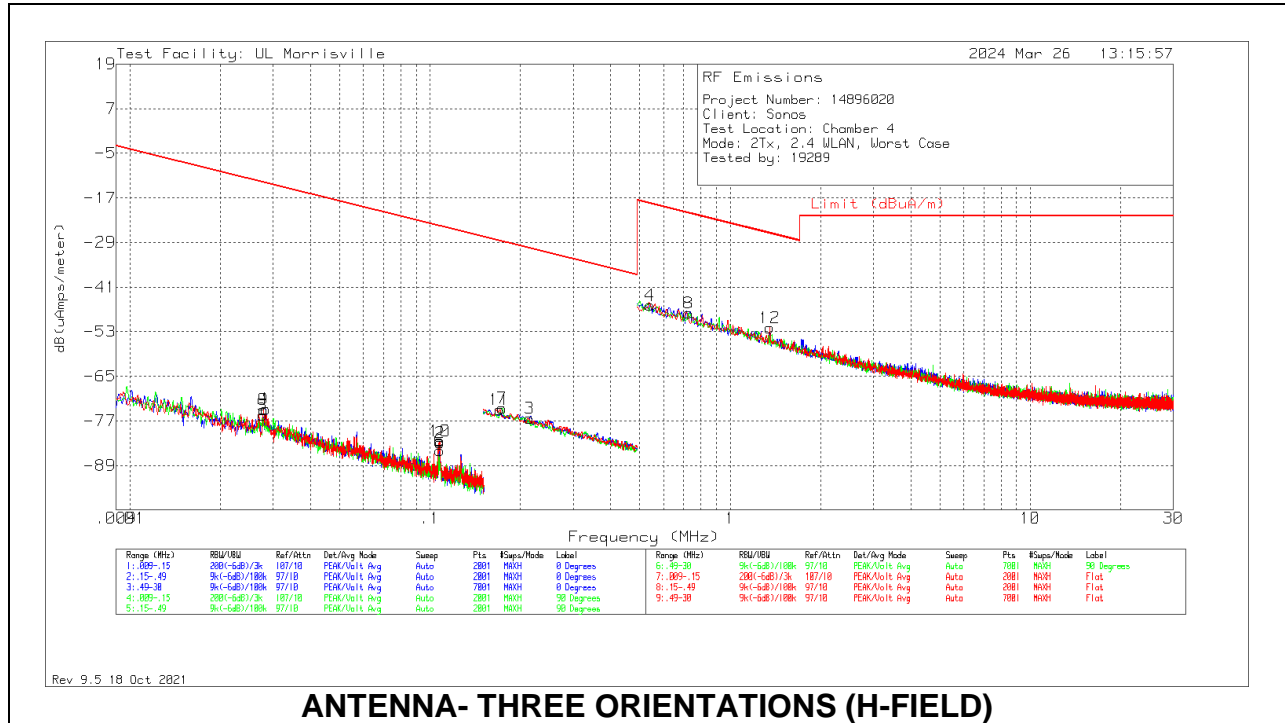
Note: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40\*Log (test distance / specification distance).



### ANTENNA- THREE ORIENTATIONS (E-FIELD)

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 135144 (dBuV/m) | Gain/Loss (dB) | Dist. Corr. Factor (dB) | Corrected Reading dB(uVolts/meter) | QP/PK Limit (dBuV/m) | AV Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Loop Angle |
|--------|-----------------|----------------------|-----|-----------------|----------------|-------------------------|------------------------------------|----------------------|-------------------|-------------|----------------|------------|
| 5      | .02767          | 42.46                | Pk  | 13.6            | 0              | -80                     | -23.94                             | 38.76                | 58.76             | -62.7       | 0-360          | 90 degs    |
| 9      | .02789          | 43.9                 | Pk  | 13.6            | 0              | -80                     | -22.5                              | 38.7                 | 58.7              | -61.2       | 0-360          | Flat       |
| 1      | .02838          | 44.03                | Pk  | 13.6            | 0              | -80                     | -22.37                             | 38.54                | 58.54             | -60.91      | 0-360          | 0 degs     |
| 6      | .1079           | 35.41                | Pk  | 11.1            | 0              | -80                     | -33.49                             | 26.94                | -                 | -60.43      | 0-360          | 90 degs    |
| 10     | .1079           | 37.93                | Pk  | 11.1            | 0              | -80                     | -30.97                             | 26.94                | -                 | -57.91      | 0-360          | Flat       |
| 2      | .10805          | 37.51                | Pk  | 11.1            | 0              | -80                     | -31.39                             | 26.93                | -                 | -58.32      | 0-360          | 0 degs     |
| 11     | .17066          | 46.43                | Pk  | 11.1            | 0              | -80                     | -22.47                             | 22.96                | 42.96             | -45.43      | 0-360          | Flat       |
| 7      | .17389          | 46.81                | Pk  | 11.1            | 0              | -80                     | -22.09                             | 22.8                 | 42.8              | -44.89      | 0-360          | 90 degs    |
| 3      | .21477          | 43.98                | Pk  | 11.1            | .1             | -80                     | -24.82                             | 20.96                | 40.96             | -45.78      | 0-360          | 0 degs     |
| 4      | .54059          | 34.36                | Pk  | 11.1            | .1             | -40                     | 5.56                               | 32.95                | -                 | -27.39      | 0-360          | 0 degs     |
| 8      | .7261           | 32.17                | Pk  | 11.2            | .1             | -40                     | 3.47                               | 30.38                | -                 | -26.91      | 0-360          | 90 degs    |
| 12     | 1.35428         | 28.06                | Pk  | 11.4            | .1             | -40                     | -44                                | 24.97                | -                 | -25.41      | 0-360          | Flat       |

Pk - Peak detector

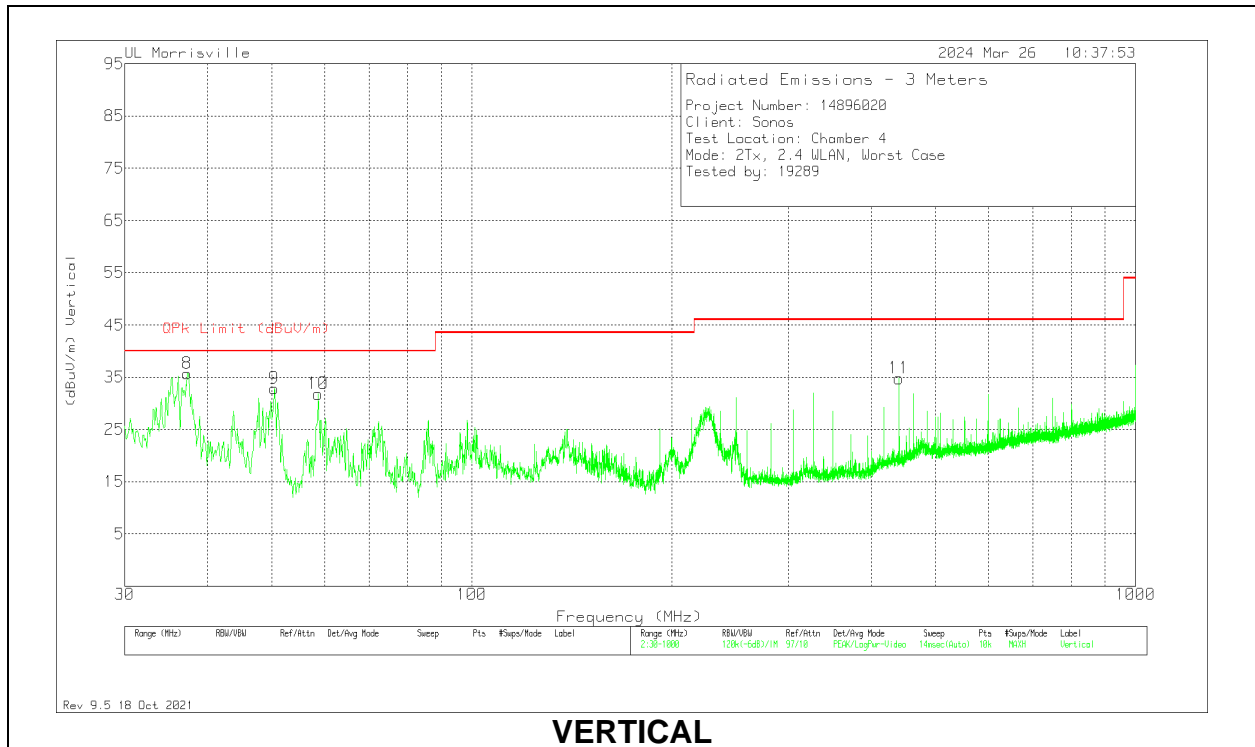
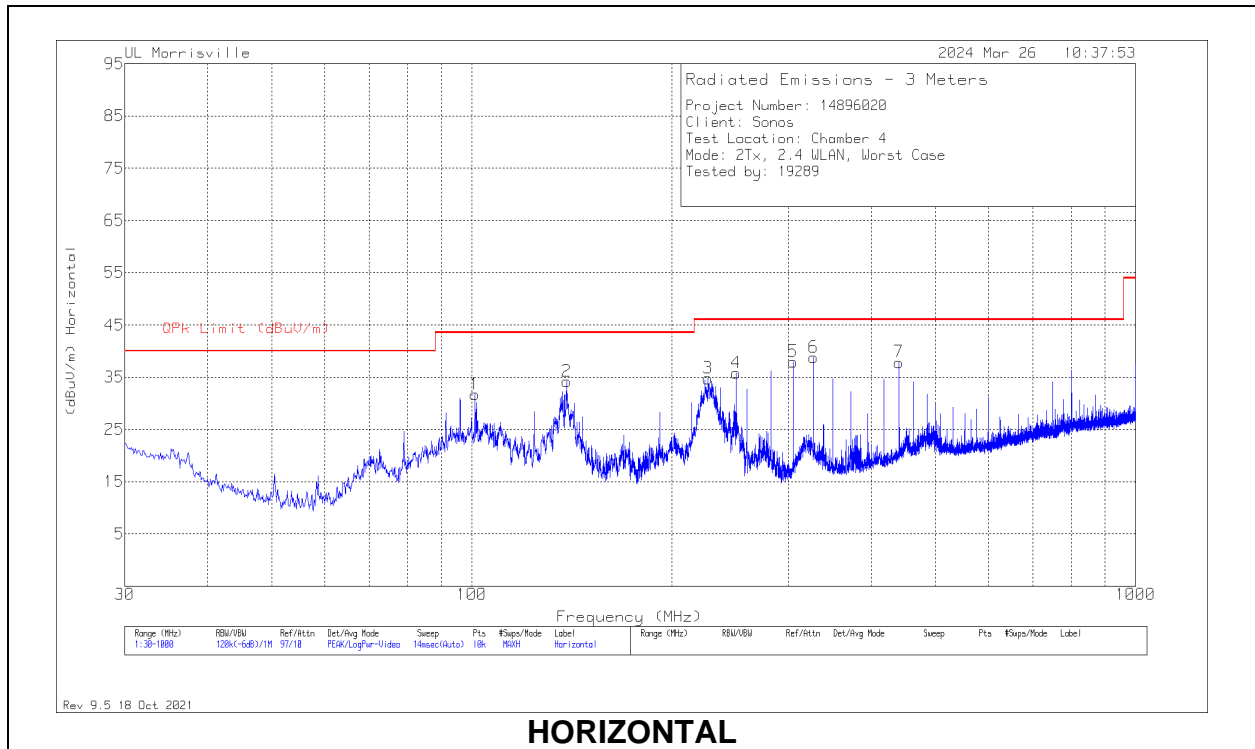


**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 135144 (dBuV/m) | Gain/Loss (dB) | Dist. Corr. Factor (dB) | Corrected Reading dB(uAmps/meter) | QP/AV Limit (dBuA/m) | PK Limit (dBuA/m) | Margin (dB) | Azimuth (Degs) | Loop Angle |
|--------|-----------------|----------------------|-----|-----------------|----------------|-------------------------|-----------------------------------|----------------------|-------------------|-------------|----------------|------------|
| 5      | .02767          | 42.46                | Pk  | -37.9           | 0              | -80                     | -75.44                            | -12.74               | 7.26              | -62.7       | 0-360          | 90 degs    |
| 9      | .02789          | 43.9                 | Pk  | -37.9           | 0              | -80                     | -74                               | -12.8                | 7.20              | -61.2       | 0-360          | Flat       |
| 1      | .02838          | 44.03                | Pk  | -37.9           | 0              | -80                     | -73.87                            | -12.96               | 7.04              | -60.91      | 0-360          | 0 degs     |
| 6      | .1079           | 35.41                | Pk  | -40.4           | 0              | -80                     | -84.99                            | -24.56               | -                 | -60.43      | 0-360          | 90 degs    |
| 10     | .1079           | 37.93                | Pk  | -40.4           | 0              | -80                     | -82.47                            | -24.56               | -                 | -57.91      | 0-360          | Flat       |
| 2      | .10805          | 37.51                | Pk  | -40.4           | 0              | -80                     | -82.89                            | -24.57               | -                 | -58.32      | 0-360          | 0 degs     |
| 11     | .17066          | 46.43                | Pk  | -40.4           | 0              | -80                     | -73.97                            | -28.54               | -8.54             | -45.43      | 0-360          | Flat       |
| 7      | .17389          | 46.81                | Pk  | -40.4           | 0              | -80                     | -73.59                            | -28.7                | -8.7              | -44.89      | 0-360          | 90 degs    |
| 3      | .21477          | 43.98                | Pk  | -40.4           | .1             | -80                     | -76.32                            | -30.54               | -10.54            | -45.78      | 0-360          | 0 degs     |
| 4      | .54059          | 34.36                | Pk  | -40.4           | .1             | -40                     | -45.94                            | -18.55               | -                 | -27.39      | 0-360          | 0 degs     |
| 8      | .7261           | 32.17                | Pk  | -40.3           | .1             | -40                     | -48.03                            | -21.12               | -                 | -26.91      | 0-360          | 90 degs    |
| 12     | 1.35428         | 28.06                | Pk  | -40.1           | .1             | -40                     | -51.94                            | -26.53               | -                 | -25.41      | 0-360          | Flat       |

Pk - Peak detector

### 10.3. WORST CASE SPURIOUS BELOW 1 GHZ

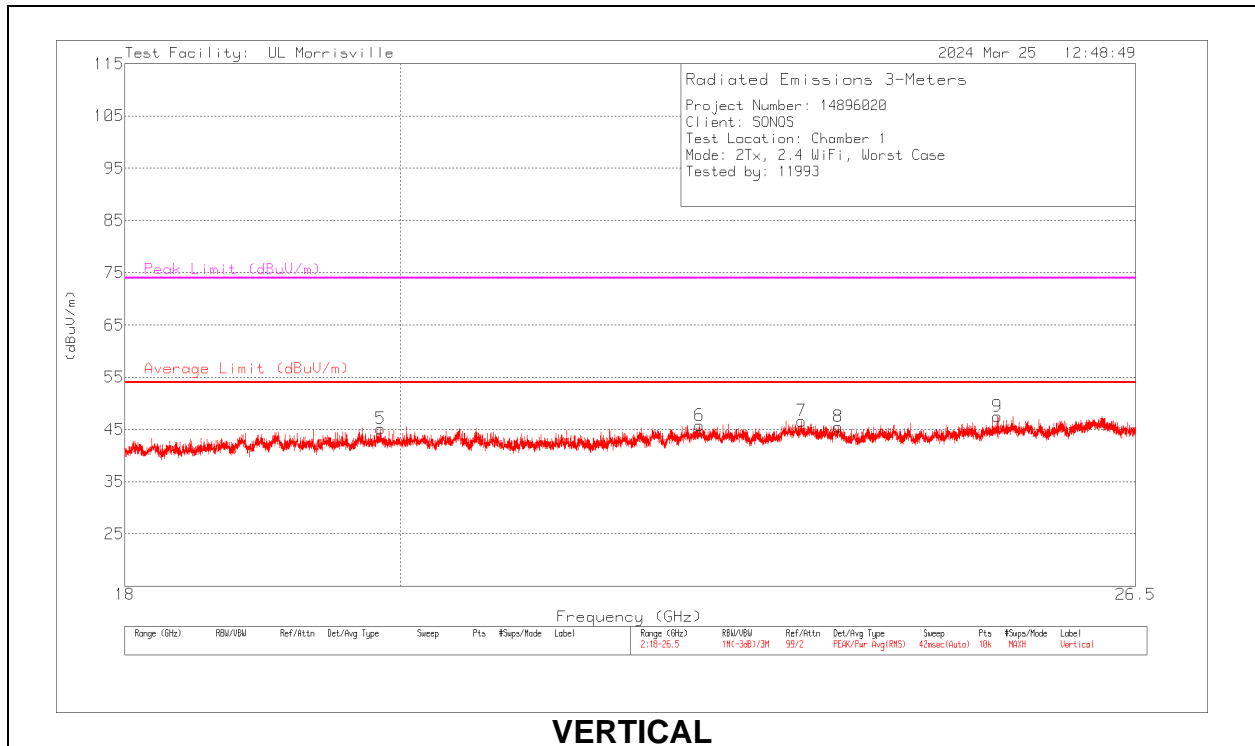
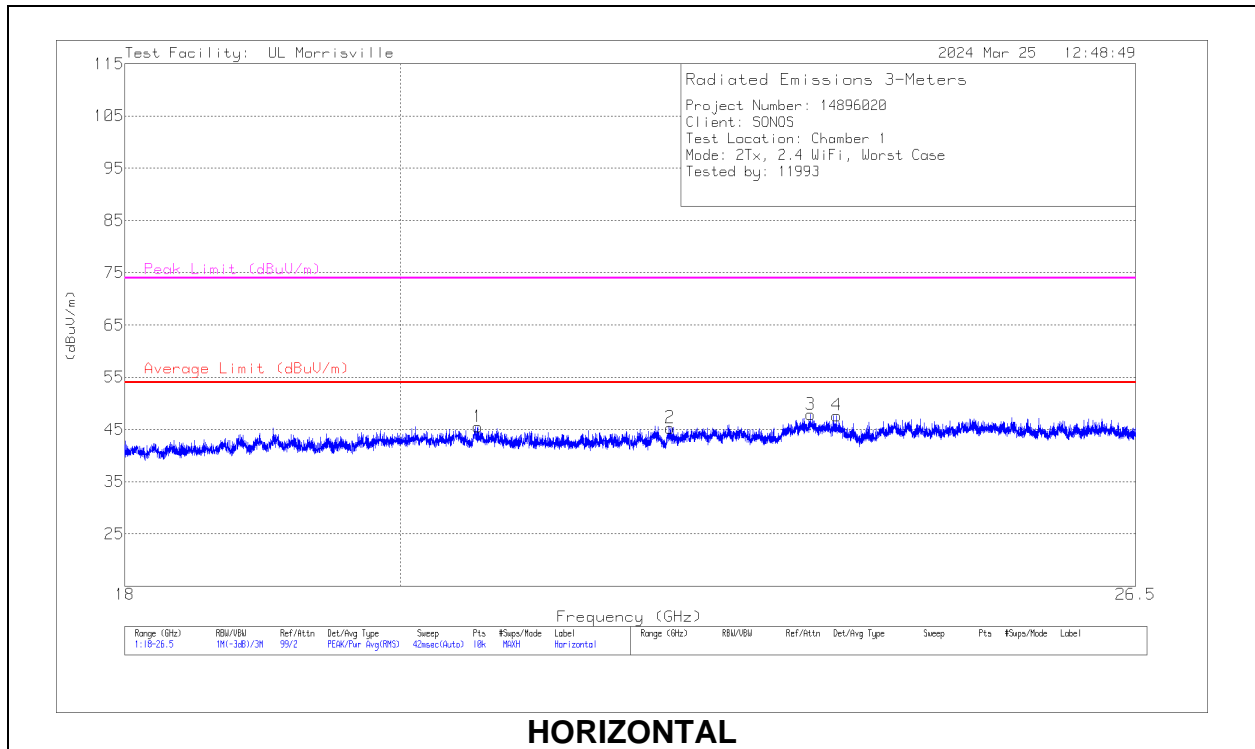


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 90628 (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|--------------|----------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 8      | 37.3799         | 43.61                | Qp  | 21.9         | -32.1          | 33.41                      | 40                 | -6.59       | 310            | 109         | V        |
| 9      | 50.37           | 50.64                | Pk  | 14.1         | -31.9          | 32.84                      | 40                 | -7.16       | 0-360          | 100         | V        |
| 10     | 58.712          | 49.88                | Pk  | 13.7         | -31.8          | 31.78                      | 40                 | -8.22       | 0-360          | 100         | V        |
| 1      | 101.101         | 46.45                | Pk  | 16.8         | -31.5          | 31.75                      | 43.52              | -11.77      | 0-360          | 200         | H        |
| 2      | 139.028         | 46.15                | Pk  | 19.3         | -31.2          | 34.25                      | 43.52              | -9.27       | 0-360          | 100         | H        |
| 3      | 226.91          | 48.56                | Pk  | 16.9         | -30.7          | 34.76                      | 46.02              | -11.26      | 0-360          | 100         | H        |
| 4      | 249.996         | 48.79                | Pk  | 17.5         | -30.5          | 35.79                      | 46.02              | -10.23      | 0-360          | 100         | H        |
| 5      | 304.801         | 48.58                | Pk  | 19.7         | -30.3          | 37.98                      | 46.02              | -8.04       | 0-360          | 100         | H        |
| 6      | 327.402         | 48.92                | Pk  | 20.1         | -30.2          | 38.82                      | 46.02              | -7.2        | 0-360          | 100         | H        |
| 7      | 440.31          | 44.96                | Pk  | 22.7         | -29.8          | 37.86                      | 46.02              | -8.16       | 0-360          | 100         | H        |
| 11     | 440.31          | 41.86                | Pk  | 22.7         | -29.8          | 34.76                      | 46.02              | -11.26      | 0-360          | 100         | V        |

Pk - Peak detector

Qp - Quasi Peak detector

### 10.4. WORST CASE SPURIOUS 18-26 GHZ



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 204704 (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * ** 20.60584   | 49.56                | Pk  | 33.7          | -37.8          | 45.46                      | 54                     | -8.54       | 74                  | -28.54      | 0-360          | 199         | H        |
| 2      | * ** 22.17563   | 48.72                | Pk  | 34.3          | -37.7          | 45.32                      | 54                     | -8.68       | 74                  | -28.68      | 0-360          | 150         | H        |
| 4      | * ** 23.63664   | 50.58                | Pk  | 34.6          | -37.5          | 47.68                      | 54                     | -6.32       | 74                  | -26.32      | 0-360          | 101         | H        |
| 5      | * ** 19.84942   | 49.73                | Pk  | 33.2          | -37.8          | 45.13                      | 54                     | -8.87       | 74                  | -28.87      | 0-360          | 250         | V        |
| 6      | * ** 22.42891   | 49.47                | Pk  | 34.1          | -37.8          | 45.77                      | 54                     | -8.23       | 74                  | -28.23      | 0-360          | 250         | V        |
| 8      | * ** 23.64854   | 48.15                | Pk  | 34.6          | -37.3          | 45.45                      | 54                     | -8.55       | 74                  | -28.55      | 0-360          | 101         | V        |
| 7      | 23.32047        | 49.84                | Pk  | 34.4          | -37.6          | 46.64                      | -                      | -           | -                   | -           | 0-360          | 300         | V        |
| 3      | 23.39951        | 50.5                 | Pk  | 34.6          | -37.2          | 47.9                       | -                      | -           | -                   | -           | 0-360          | 101         | H        |
| 9      | 25.13419        | 48.81                | Pk  | 35.6          | -36.9          | 47.51                      | -                      | -           | -                   | -           | 0-360          | 101         | V        |

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

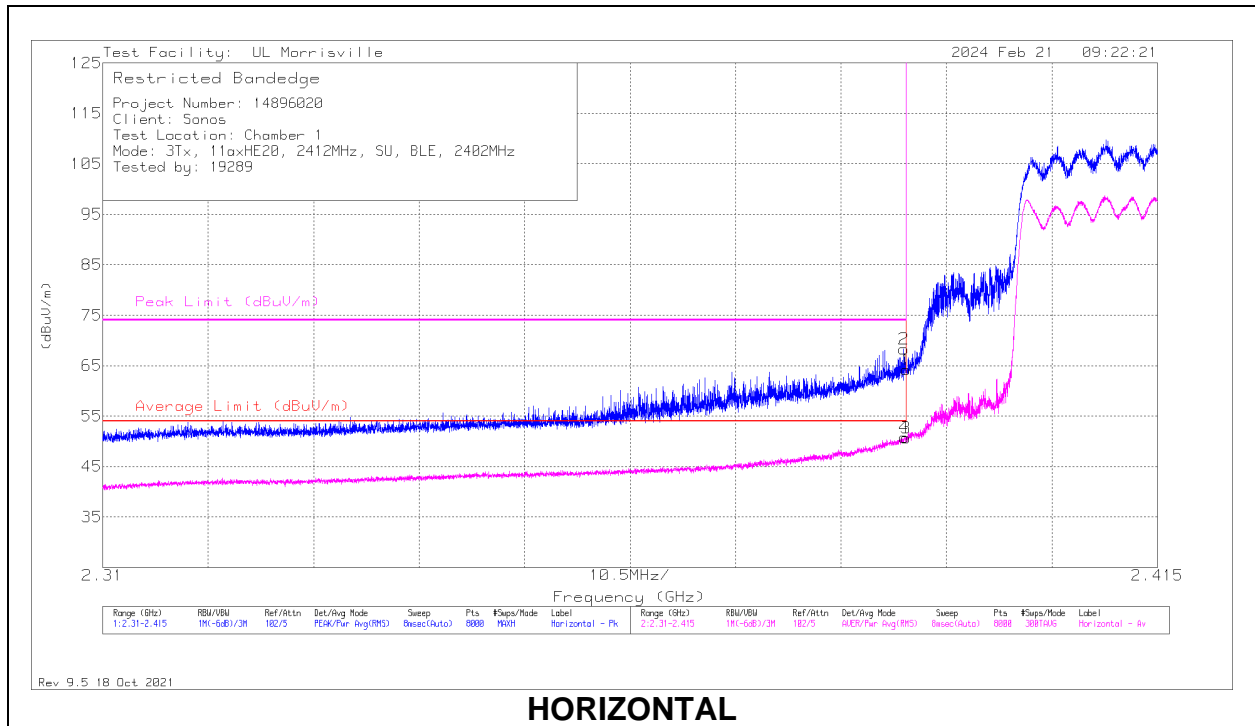
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector



## 10.5. SIMULTANEOUS TRANSMISSION

### 10.5.1. BLE 2402MHz 1Mbps and 802.11ax HE20 SU 2412MHz MCS0 MIMO



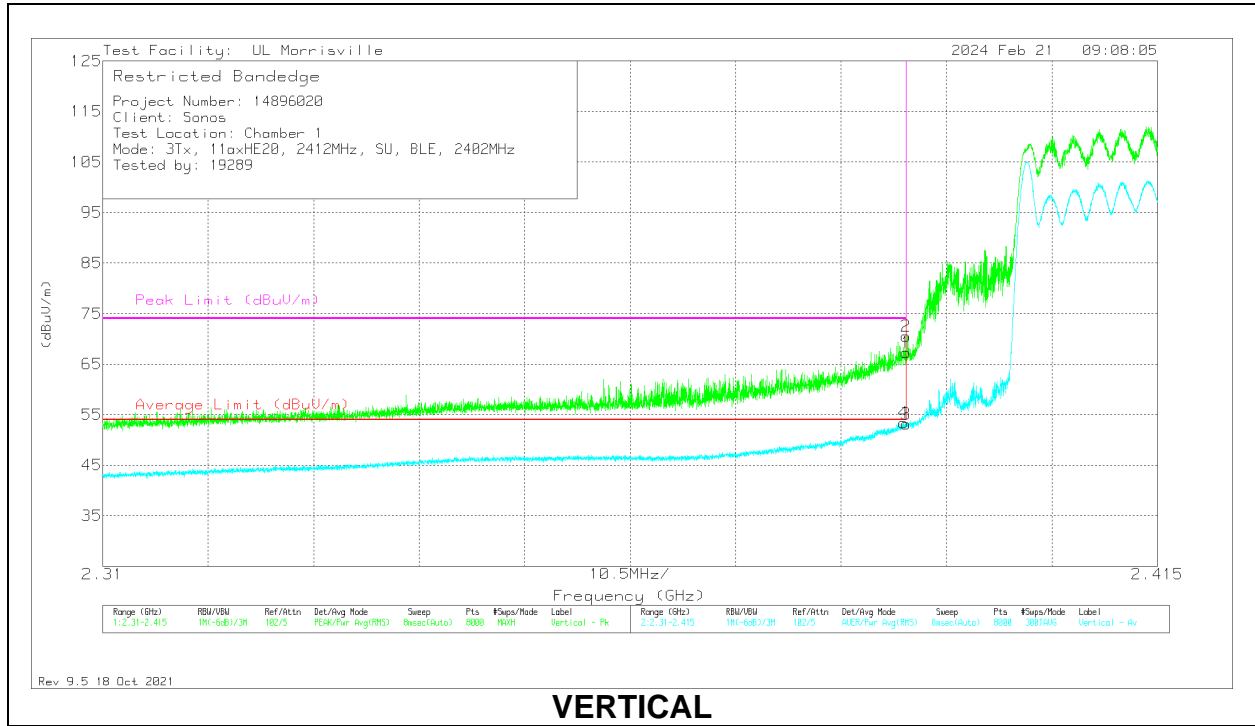
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.39        | 46.35                | Pk  | 32.1          | -24.2          | 10       | 0            | 64.25                      | -                      | -           | 74                  | -9.75          | 112            | 138         | H        |
| 2      | *** 2.38976     | 50.34                | Pk  | 32.1          | -24.2          | 10       | 0            | 68.24                      | -                      | -           | 74                  | -5.76          | 112            | 138         | H        |
| 3      | ** 2.39         | 31.99                | RMS | 32.1          | -24.2          | 10       | .74          | 50.63                      | 54                     | -3.37       | -                   | -              | 112            | 138         | H        |
| 4      | *** 2.38981     | 32.17                | RMS | 32.1          | -24.2          | 10       | .74          | 50.81                      | 54                     | -3.19       | -                   | -              | 112            | 138         | H        |

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection



**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.39       | 49.42                | Pk  | 32.1          | -24.2          | 10       | 0            | 67.32                      | -                      | -           | 74                  | -6.68          | 333            | 118         | V        |
| 2      | * ** 2.38997    | 52.66                | Pk  | 32.1          | -24.2          | 10       | 0            | 70.56                      | -                      | -           | 74                  | -3.44          | 333            | 118         | V        |
| 3      | * ** 2.39       | 34.53                | RMS | 32.1          | -24.2          | 10       | .74          | 53.17                      | 54                     | -83         | -                   | -              | 333            | 118         | V        |
| 4      | * ** 2.38972    | 34.72                | RMS | 32.1          | -24.2          | 10       | .74          | 53.36                      | 54                     | -64         | -                   | -              | 333            | 118         | V        |

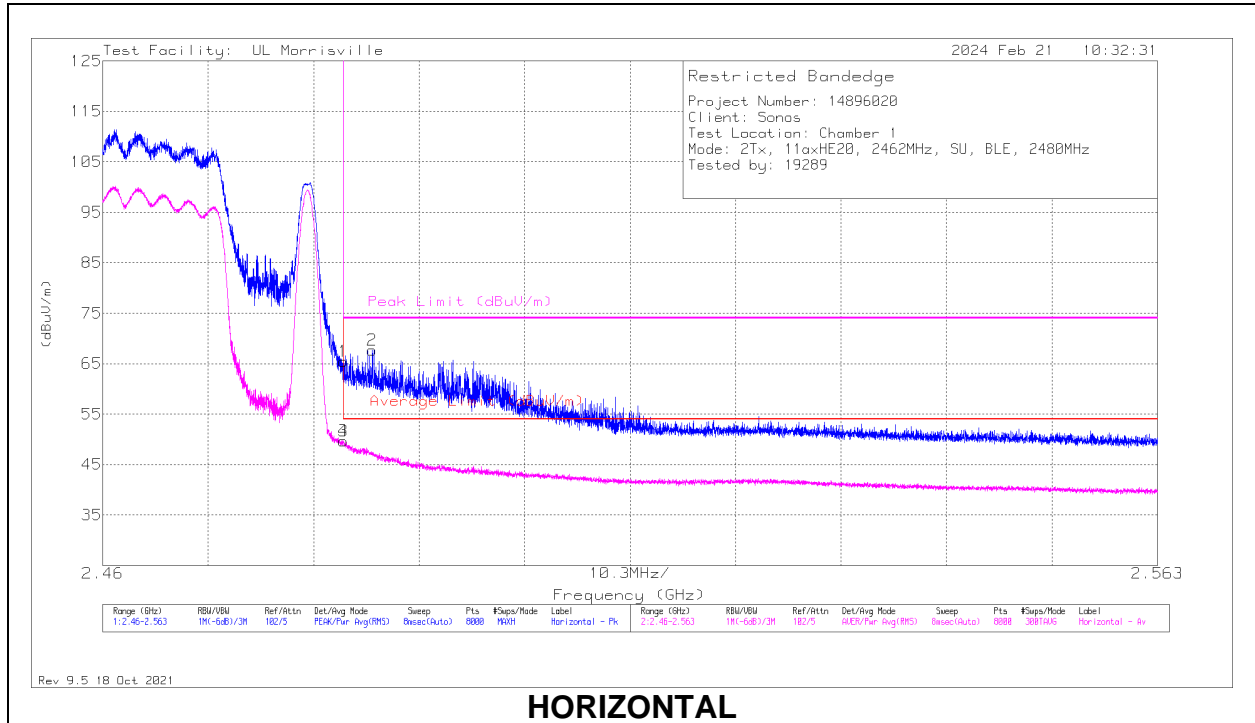
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

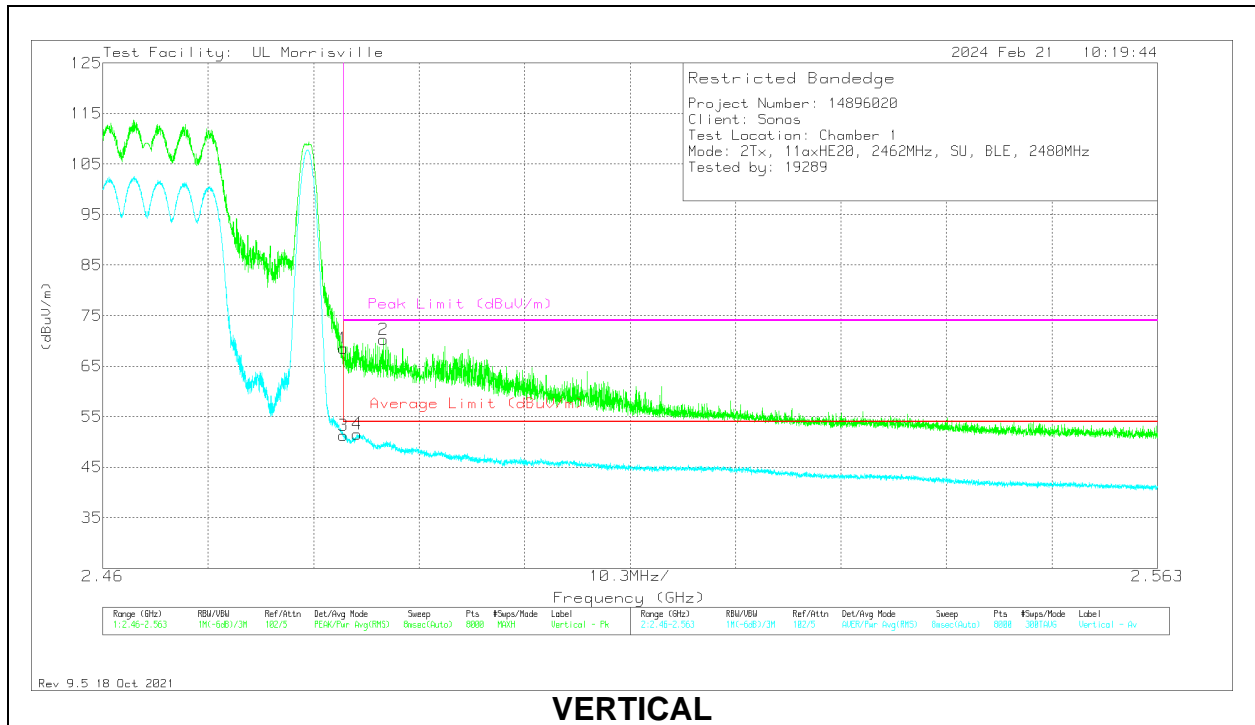
RMS - RMS detection

### 10.5.2. BLE 2480MHz 1Mbps and 802.11ax HE20 SU 2462MHz MCS0 MIMO



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.4835     | 47.64                | Pk  | 32.3          | -24.5          | 10       | 0            | 65.44                      | -                      | -           | 74                  | -8.56          | 93             | 144         | H        |
| 2      | * ** 2.48633    | 50                   | Pk  | 32.3          | -24.6          | 10       | 0            | 67.7                       | -                      | -           | 74                  | -6.3           | 93             | 144         | H        |
| 3      | * ** 2.4835     | 31.12                | RMS | 32.3          | -24.5          | 10       | .74          | 49.66                      | 54                     | -4.34       | -                   | -              | 93             | 144         | H        |
| 4      | * ** 2.48351    | 31.17                | RMS | 32.3          | -24.5          | 10       | .74          | 49.71                      | 54                     | -4.29       | -                   | -              | 93             | 144         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 206211 (dB/m) | Gain/Loss (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|----------------|----------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | *** 2.4835      | 50.74                | Pk  | 32.3          | -24.5          | 10       | 0            | 68.54                      | -                      | -           | 74                  | -5.46          | 348            | 202         | V        |
| 2      | *** 2.48743     | 52.6                 | Pk  | 32.3          | -24.6          | 10       | 0            | 70.3                       | -                      | -           | 74                  | -3.7           | 348            | 202         | V        |
| 3      | *** 2.4835      | 32.74                | RMS | 32.3          | -24.5          | 10       | .74          | 51.28                      | 54                     | -2.72       | -                   | -              | 348            | 202         | V        |
| 4      | *** 2.48481     | 33.05                | RMS | 32.3          | -24.5          | 10       | .74          | 51.59                      | 54                     | -2.41       | -                   | -              | 348            | 202         | V        |

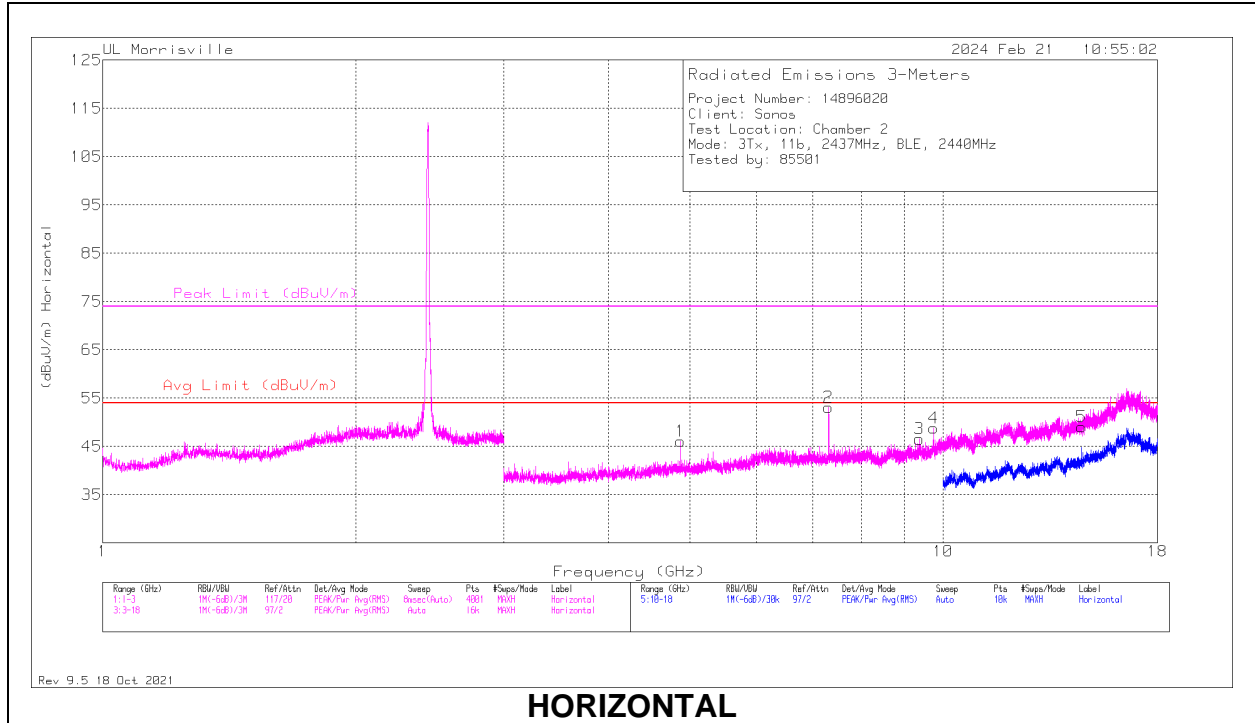
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

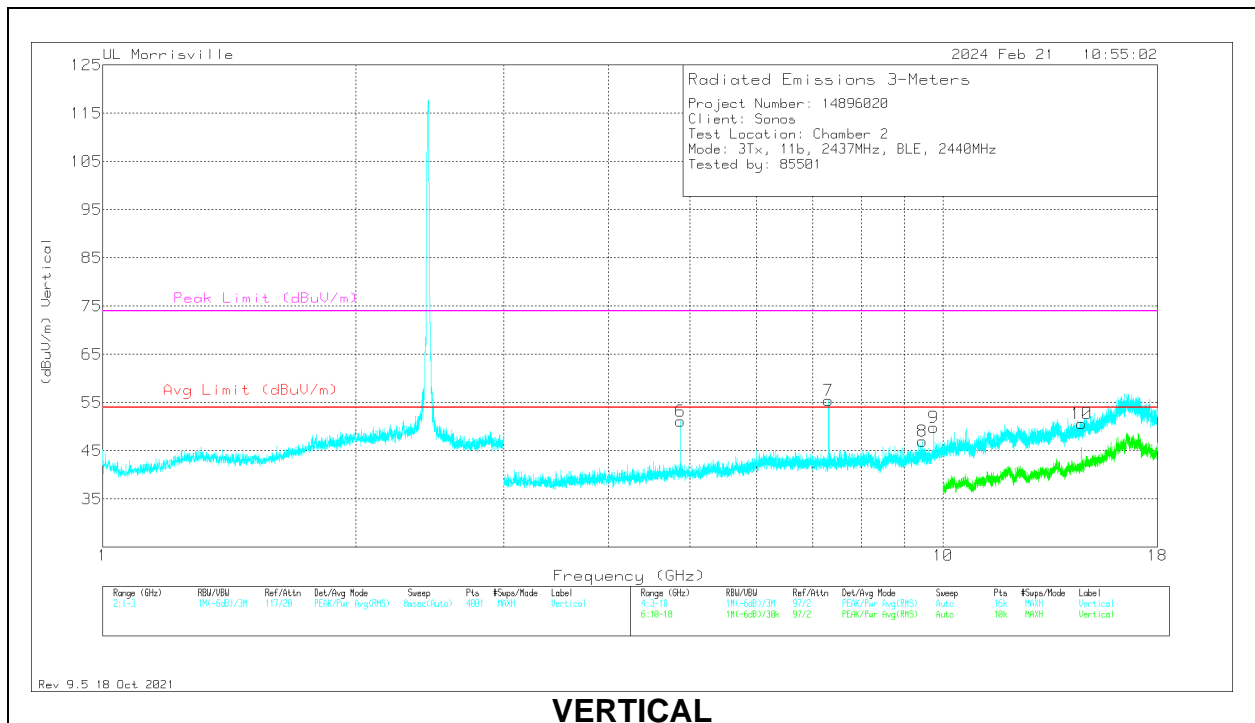
Pk - Peak detector

RMS - RMS detection

### 10.5.3. BLE 2440MHz 1Mbps and 802.11b 2437MHz 1Mbps MIMO



**HORIZONTAL**



**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 86408 (dB/m) | Gain/Loss (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|--------------|----------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * ** 4.87406    | 42.35                | Pk  | 34.1         | -30.4          | 0            | 46.05                      | 54                 | -7.95       | 74                  | -27.95         | 0-360          | 101         | H        |
| 2      | * ** 7.30953    | 45.03                | PK2 | 35.6         | -26.6          | 0            | 54.03                      | -                  | -           | 74                  | -19.97         | 39             | 252         | H        |
|        | * ** 7.30953    | 40.24                | ADR | 35.6         | -26.6          | .71          | 49.95                      | 54                 | -4.05       | -                   | -              | 39             | 252         | H        |
| 3      | * ** 9.37875    | 35.75                | Pk  | 36.2         | -25.4          | 0            | 46.55                      | 54                 | -7.45       | 74                  | -27.45         | 0-360          | 101         | H        |
| 6      | * ** 4.87388    | 48.37                | PK2 | 34.1         | -30.4          | 0            | 52.07                      | -                  | -           | 74                  | -21.93         | 351            | 273         | V        |
|        | * ** 4.87397    | 44.95                | ADR | 34.1         | -30.4          | .71          | 49.36                      | 54                 | -4.64       | -                   | -              | 351            | 273         | V        |
| 7      | * ** 7.30998    | 45.76                | PK2 | 35.6         | -26.6          | 0            | 54.76                      | -                  | -           | 74                  | -19.24         | 107            | 296         | V        |
|        | * ** 7.30944    | 40.98                | ADR | 35.6         | -26.6          | .71          | 50.69                      | 54                 | -3.31       | -                   | -              | 107            | 296         | V        |
| 8      | * ** 9.45844    | 35.78                | Pk  | 36.3         | -25.1          | 0            | 46.98                      | 54                 | -7.02       | 74                  | -27.02         | 0-360          | 101         | V        |
| 4      | 9.74813         | 36.7                 | Pk  | 36.8         | -24.7          | 0            | 48.8                       | -                  | -           | 74                  | -25.2          | 0-360          | 101         | H        |
| 9      | 9.74813         | 37.71                | Pk  | 36.8         | -24.7          | 0            | 49.81                      | -                  | -           | 74                  | -24.19         | 0-360          | 101         | V        |
| 10     | 14.62031        | 33.05                | Pk  | 39.6         | -22            | 0            | 50.65                      | -                  | -           | 74                  | -23.35         | 0-360          | 200         | V        |
| 5      | 14.62219        | 31.53                | Pk  | 39.6         | -22.1          | 0            | 49.03                      | -                  | -           | 74                  | -24.97         | 0-360          | 101         | H        |

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

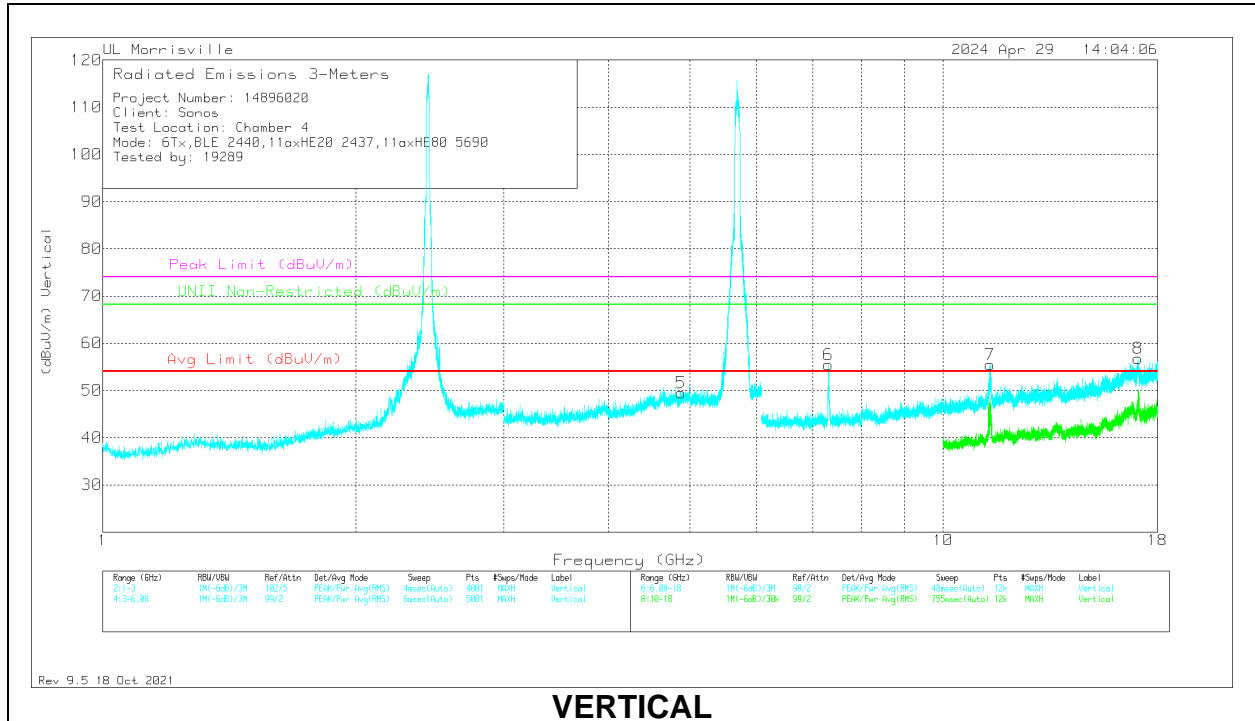
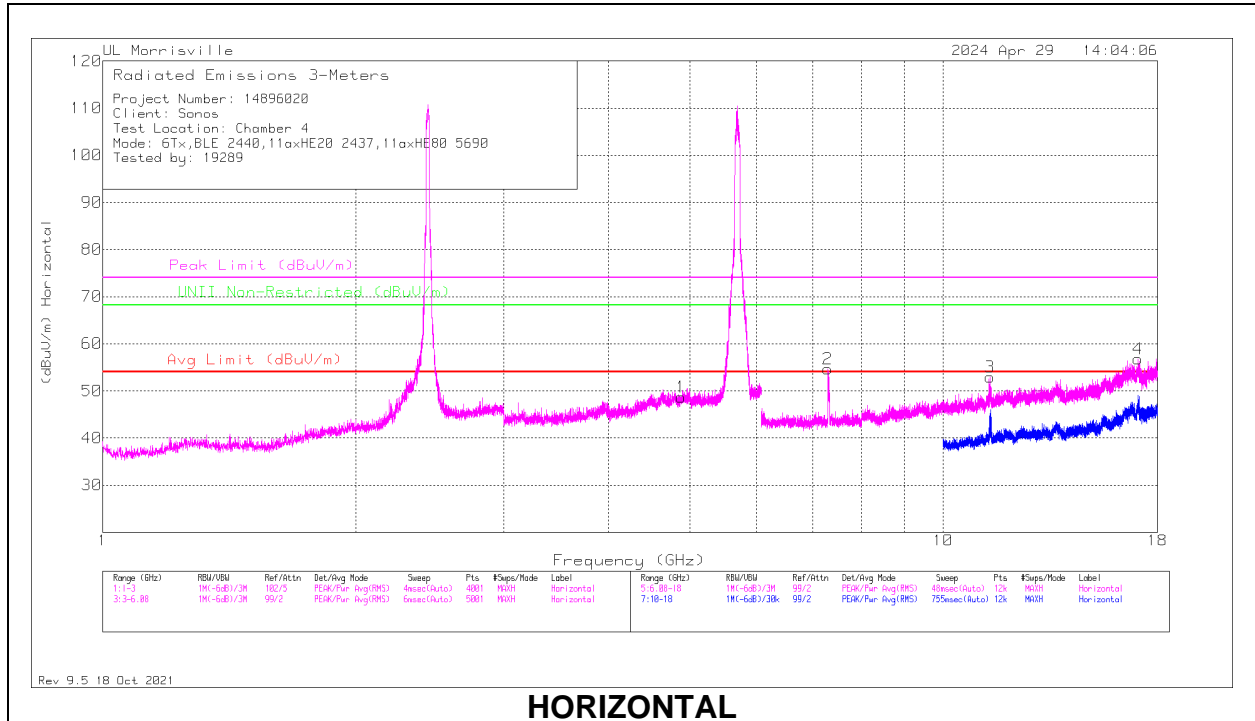
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average

**10.5.4. BLE 2440MHz 1Mbps, 802.11ax HE20 242T, 2437MHz, MCS0 MIMO and 802.11ax HE80 SU, 5690MHz, MCS0 MIMO**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 89509 ACF (dB/m) | Gain/Loss (dB) | Filter (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * ** 4.88219    | 26.02                | PK-U | 34               | -9.7           | .7          | 0            | 51.02                      | -                  | -           | 74                  | -22.98         | -                            | -              | 221            | 136         | H        |
|        | * ** 4.87902    | 13.83                | ADR  | 34               | -9.8           | .7          | 4.15         | 42.88                      | 54                 | -11.12      | -                   | -              | -                            | -              | 221            | 136         | H        |
| 5      | * ** 4.87857    | 26.66                | PK-U | 34               | -9.8           | .7          | 0            | 51.56                      | -                  | -           | 74                  | -22.44         | -                            | -              | 164            | 165         | V        |
|        | * ** 4.87818    | 14.23                | ADR  | 34               | -9.8           | .7          | 4.15         | 43.28                      | 54                 | -10.72      | -                   | -              | -                            | -              | 164            | 165         | V        |
| 2      | * ** 7.30516    | 49.2                 | PK-U | 35.7             | -27.4          | 0           | 0            | 57.5                       | -                  | -           | 74                  | -16.5          | -                            | -              | 31             | 260         | H        |
|        | * ** 7.30544    | 32.77                | ADR  | 35.7             | -27.4          | 0           | 4.15         | 45.22                      | 54                 | -8.78       | -                   | -              | -                            | -              | 31             | 260         | H        |
| 3      | * ** 11.38724   | 42.31                | PK-U | 38.1             | -24.2          | 0           | 0            | 56.21                      | -                  | -           | 74                  | -17.79         | -                            | -              | 70             | 101         | H        |
| 6      | * ** 11.38224   | 30.81                | ADR  | 38.1             | -24            | 0           | 4.15         | 49.06                      | 54                 | -4.94       | -                   | -              | -                            | -              | 70             | 101         | H        |
|        | * ** 7.3111     | 52.3                 | PK-U | 35.7             | -27.6          | 0           | 0            | 60.4                       | -                  | -           | 74                  | -13.6          | -                            | -              | 205            | 220         | V        |
| 7      | * ** 7.3134     | 35.38                | ADR  | 35.6             | -27.5          | 0           | 4.15         | 47.63                      | 54                 | -6.37       | -                   | -              | -                            | -              | 205            | 220         | V        |
|        | * ** 11.37378   | 43.97                | PK-U | 38               | -23.7          | 0           | 0            | 58.27                      | -                  | -           | 74                  | -15.73         | -                            | -              | 15             | 155         | V        |
| 8      | 17.06527        | 34.63                | PK   | 41.6             | -19.5          | 0           | 0            | 56.73                      | -                  | -           | -                   | -              | 68.2                         | -11.47         | 0-360          | 200         | V        |
| 4      | 17.06825        | 34.43                | PK   | 41.6             | -19.3          | 0           | 0            | 56.73                      | -                  | -           | -                   | -              | 68.2                         | -11.47         | 0-360          | 100         | H        |

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

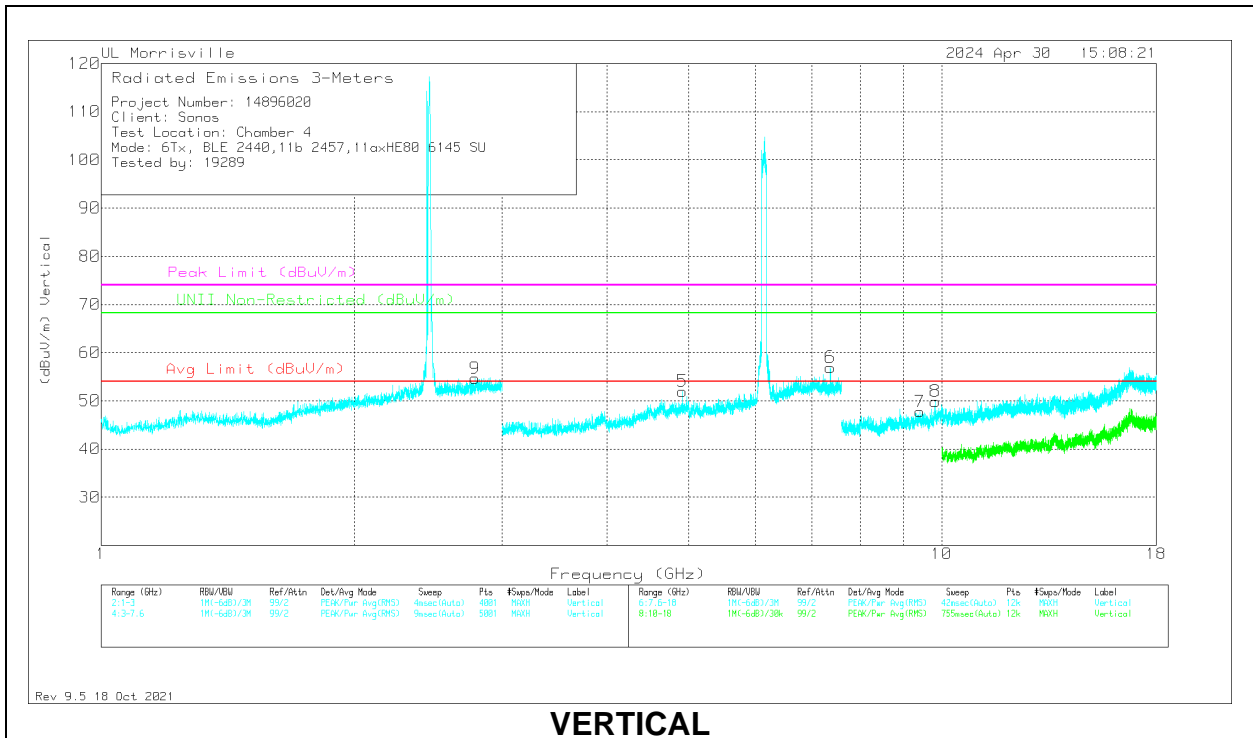
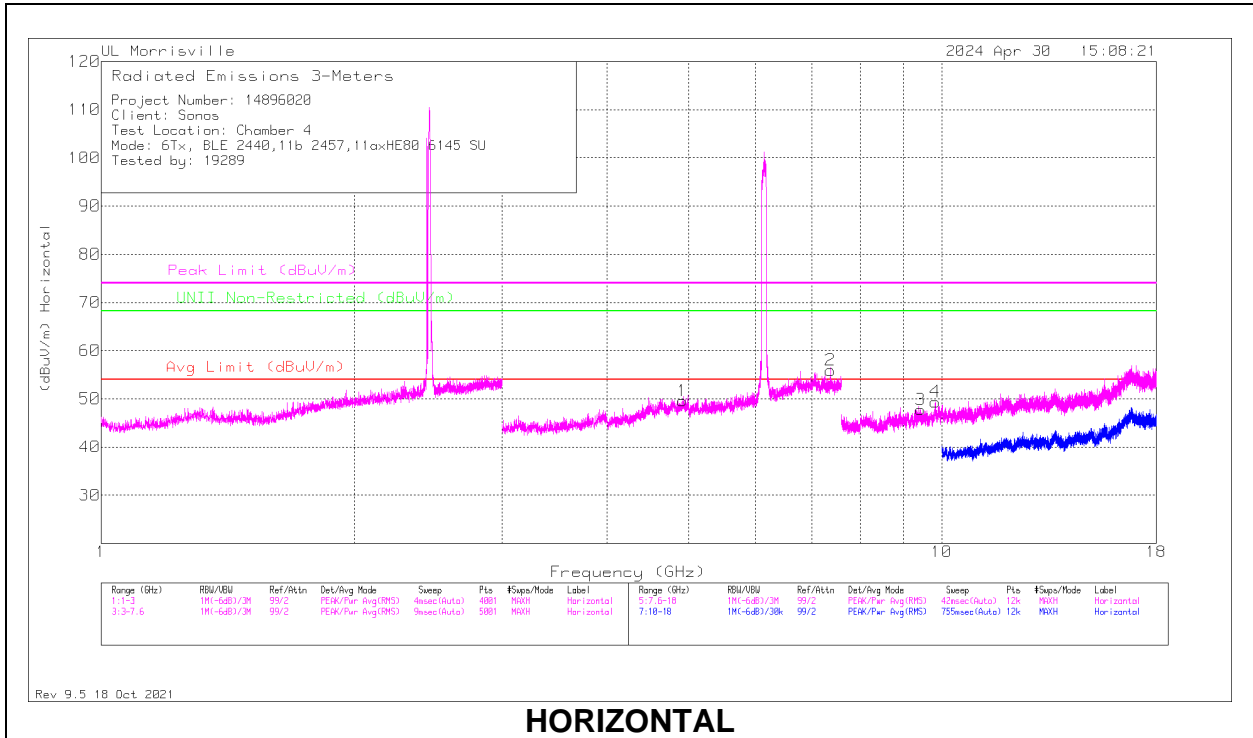
Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average



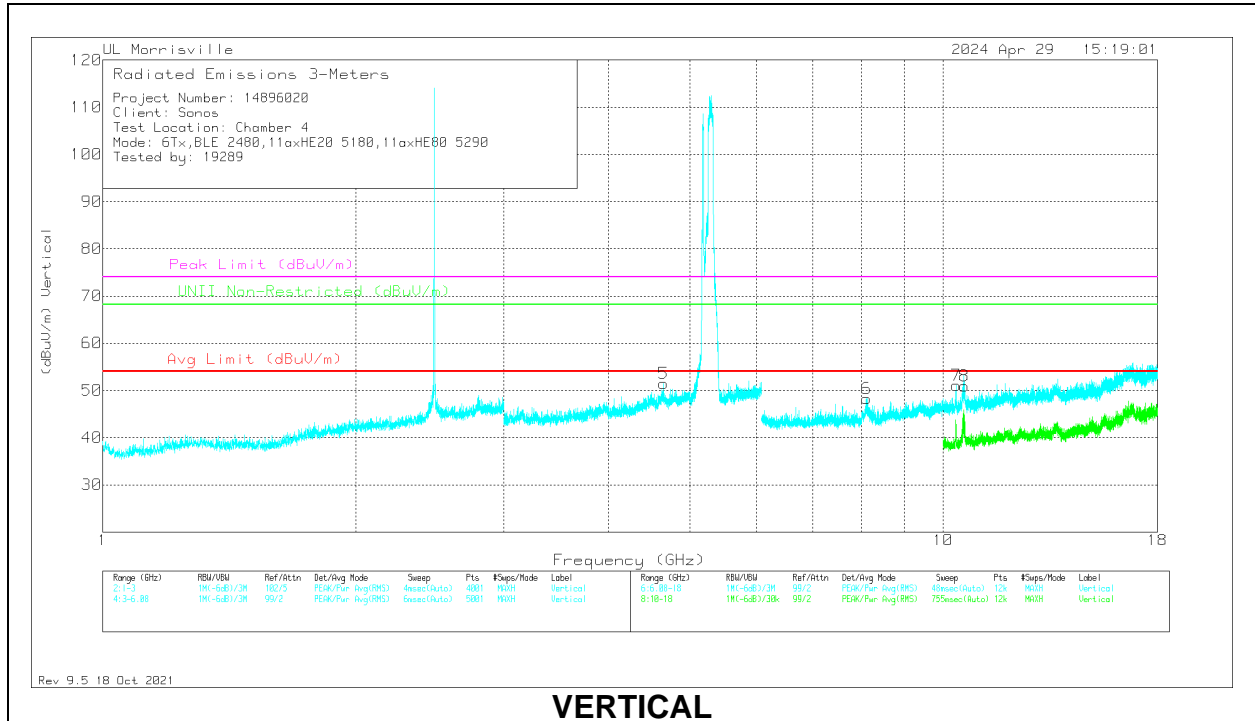
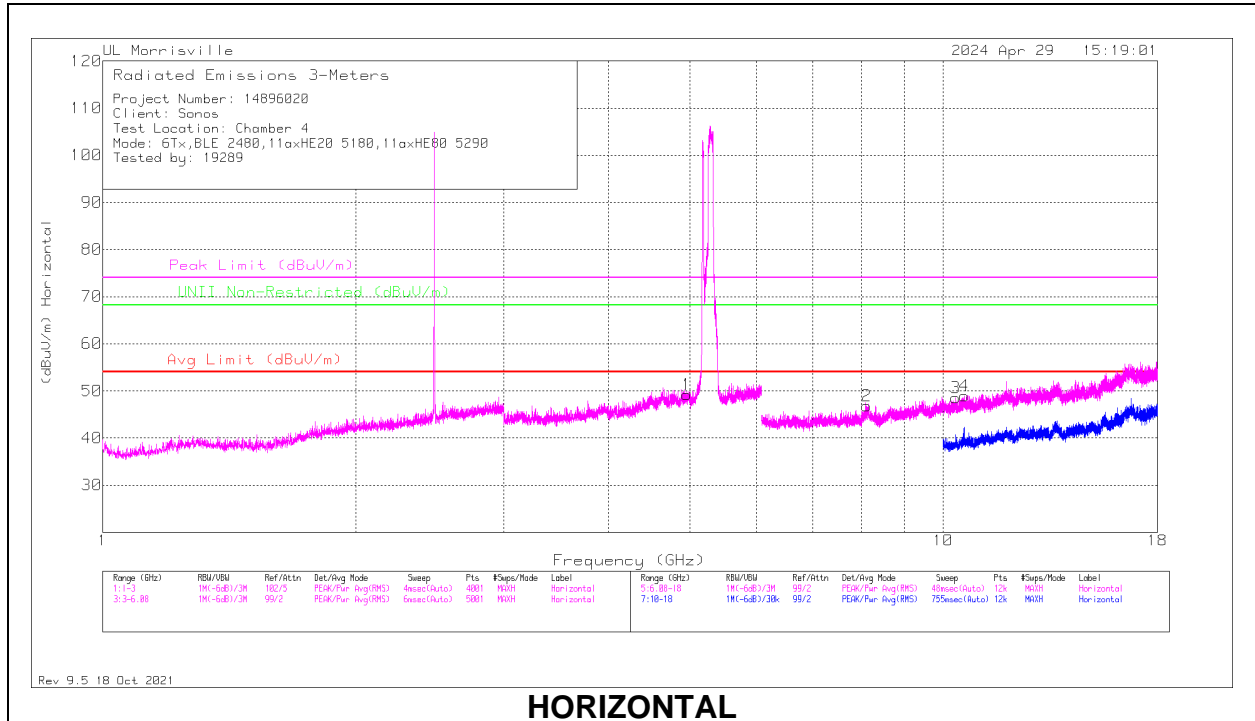
### 10.5.5. BLE 2440MHz 1Mbps, 802.11b, 2457MHz, 1Mbps MIMO and 802.11ax HE80 SU, 6145MHz, MCS0 MIMO



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 89509 ACF (dB/m) | Gain/Loss (dB) | Filter (dB) | Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------|-------------|----------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 9      | * ** 2.78575    | 25.3                 | PK-U | 32.6             | -12.4          | 0           | 10       | 0            | 55.5                       | -                  | -           | 74                  | -18.5          | -                            | -              | 37             | 346         | V        |
|        | * ** 2.78609    | 13.82                | ADR  | 32.6             | -12.4          | 0           | 10       | .31          | 44.33                      | 54                 | -9.67       | -                   | -              | -                            | -              | 37             | 346         | V        |
| 1      | * ** 4.91395    | 28.8                 | PK-U | 34               | -9.9           | .6          | 0        | 0            | 53.5                       | -                  | -           | 74                  | -20.5          | -                            | -              | 61             | 107         | H        |
|        | * ** 4.91398    | 19.53                | ADR  | 34               | -9.9           | .6          | 0        | .31          | 44.54                      | 54                 | -9.46       | -                   | -              | -                            | -              | 61             | 107         | H        |
| 2      | * ** 7.37157    | 28.77                | PK-U | 35.5             | -6.7           | .7          | 0        | 0            | 58.27                      | -                  | -           | 74                  | -15.73         | -                            | -              | 180            | 121         | H        |
|        | * ** 7.37216    | 19.88                | ADR  | 35.5             | -6.7           | .7          | 0        | .31          | 49.69                      | 54                 | -4.31       | -                   | -              | -                            | -              | 180            | 121         | H        |
| 5      | * ** 4.91404    | 29.13                | PK-U | 34               | -9.9           | .6          | 0        | 0            | 53.83                      | -                  | -           | 74                  | -20.17         | -                            | -              | 118            | 205         | V        |
|        | * ** 4.91382    | 20.36                | ADR  | 34               | -9.9           | .6          | 0        | .31          | 45.37                      | 54                 | -8.63       | -                   | -              | -                            | -              | 118            | 205         | V        |
| 6      | * ** 7.37129    | 30.56                | PK-U | 35.5             | -6.7           | .7          | 0        | 0            | 60.06                      | -                  | -           | 74                  | -13.94         | -                            | -              | 12             | 192         | V        |
|        | * ** 7.37188    | 23.01                | ADR  | 35.5             | -6.7           | .7          | 0        | .31          | 52.82                      | 54                 | -1.18       | -                   | -              | -                            | -              | 12             | 192         | V        |
| 3      | * ** 9.44253    | 36.44                | Pk   | 36.7             | -25.8          | .4          | 0        | 0            | 47.74                      | 54                 | -6.26       | 74                  | -26.26         | -                            | -              | 0-360          | 100         | H        |
| 7      | * ** 9.4148     | 36.66                | Pk   | 36.6             | -25.9          | .4          | 0        | 0            | 47.76                      | 54                 | -6.24       | 74                  | -26.24         | -                            | -              | 0-360          | 200         | V        |
| 4      | 9.82733         | 37.58                | Pk   | 36.9             | -26.1          | 1           | 0        | 0            | 49.38                      | -                  | -           | -                   | -              | 68.2                         | -18.82         | 0-360          | 100         | H        |
| 8      | 9.82733         | 38.09                | Pk   | 36.9             | -26.1          | 1           | 0        | 0            | 49.89                      | -                  | -           | -                   | -              | 68.2                         | -18.31         | 0-360          | 200         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 PK2 - Maximum Peak  
 ADR - RMS average

**10.5.6. BLE 2480MHz 1Mbps, 802.11ax HE20 242T, 5180MHz, MCS0 MIMO and 802.11ax HE80 SU, 5290MHz, MCS0 MIMO**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 89509 ACF (dB/m) | Gain/Loss (dB) | Filter (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | *** 4.95429     | 27.15                | PK-U | 33.9             | -10            | .5          | 0            | 51.55                      | -                  | -           | 74                  | -22.45         | -                            | -              | 27             | 205         | H        |
|        | *** 4.95303     | 15.1                 | ADR  | 33.9             | -9.8           | .5          | 4.15         | 43.85                      | 54                 | -10.15      | -                   | -              | -                            | -              | 27             | 205         | H        |
| 5      | *** 4.65167     | 26.43                | PK-U | 34.1             | -10            | .5          | 0            | 51.03                      | -                  | -           | 74                  | -22.97         | -                            | -              | 110            | 221         | V        |
|        | *** 4.65199     | 14.4                 | ADR  | 34.1             | -10            | .5          | 4.15         | 43.15                      | 54                 | -10.85      | -                   | -              | -                            | -              | 110            | 221         | V        |
| 2      | *** 8.10739     | 38.32                | Pk   | 35.8             | -27.3          | 0           | 0            | 46.82                      | 54                 | -7.18       | 74                  | -27.18         | -                            | -              | 0-360          | 100         | H        |
| 4      | *** 10.61018    | 40.09                | PK-U | 37.6             | -25.1          | 0           | 0            | 52.59                      | -                  | -           | 74                  | -21.41         | -                            | -              | 89             | 103         | H        |
|        | *** 10.60525    | 27.65                | ADR  | 37.6             | -25.4          | 0           | 4.15         | 44                         | 54                 | -10         | -                   | -              | -                            | -              | 89             | 103         | H        |
| 6      | *** 8.11196     | 43.55                | PK-U | 35.8             | -27.1          | 0           | 0            | 52.25                      | -                  | -           | 74                  | -21.75         | -                            | -              | 41             | 197         | V        |
|        | *** 8.11149     | 30.71                | ADR  | 35.8             | -27.1          | 0           | 4.15         | 43.56                      | 54                 | -10.44      | -                   | -              | -                            | -              | 41             | 197         | V        |
| 8      | *** 10.60707    | 43.38                | PK-U | 37.6             | -25.3          | 0           | 0            | 55.68                      | -                  | -           | 74                  | -18.32         | -                            | -              | 29             | 237         | V        |
|        | *** 10.60104    | 29.24                | ADR  | 37.6             | -25.1          | 0           | 4.15         | 45.89                      | 54                 | -8.11       | -                   | -              | -                            | -              | 29             | 237         | V        |
| 3      | 10.35431        | 36.7                 | Pk   | 37.5             | -25.7          | 0           | 0            | 48.5                       | -                  | -           | -                   | -              | 68.2                         | -19.7          | 0-360          | 100         | H        |
| 7      | 10.36623        | 39.13                | Pk   | 37.5             | -25.6          | 0           | 0            | 51.03                      | -                  | -           | -                   | -              | 68.2                         | -17.17         | 0-360          | 200         | V        |

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

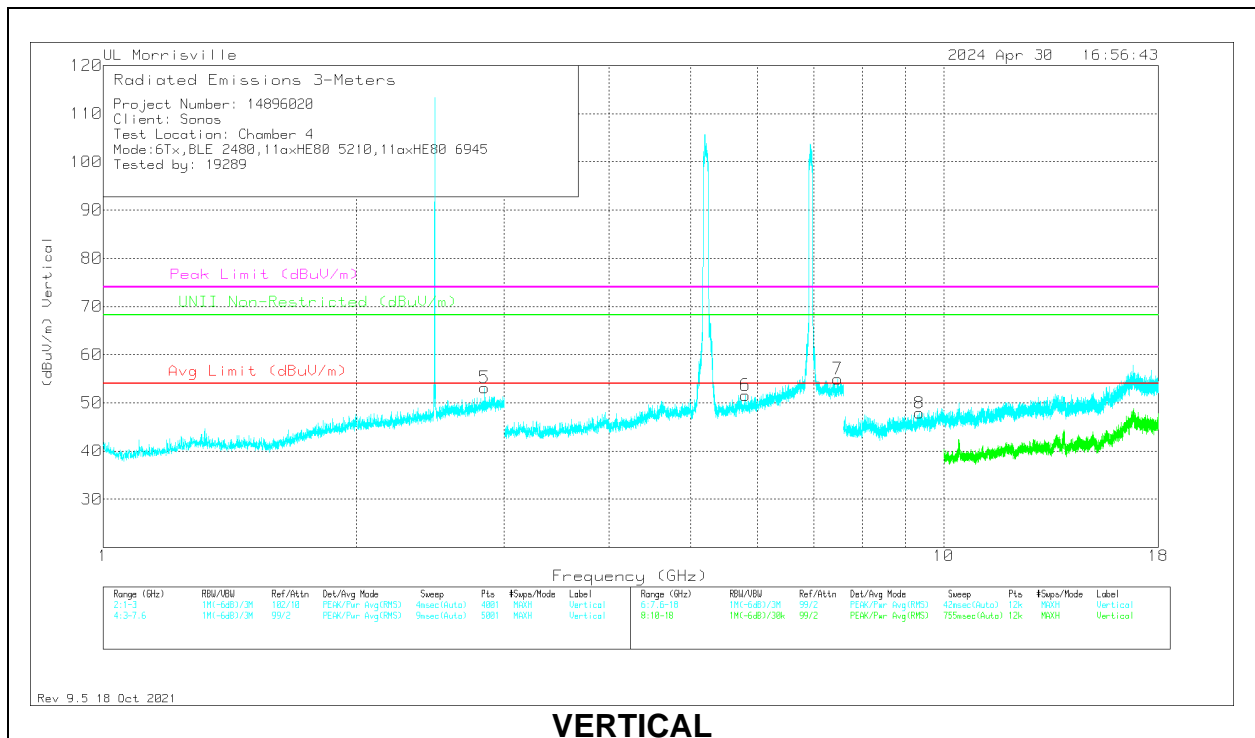
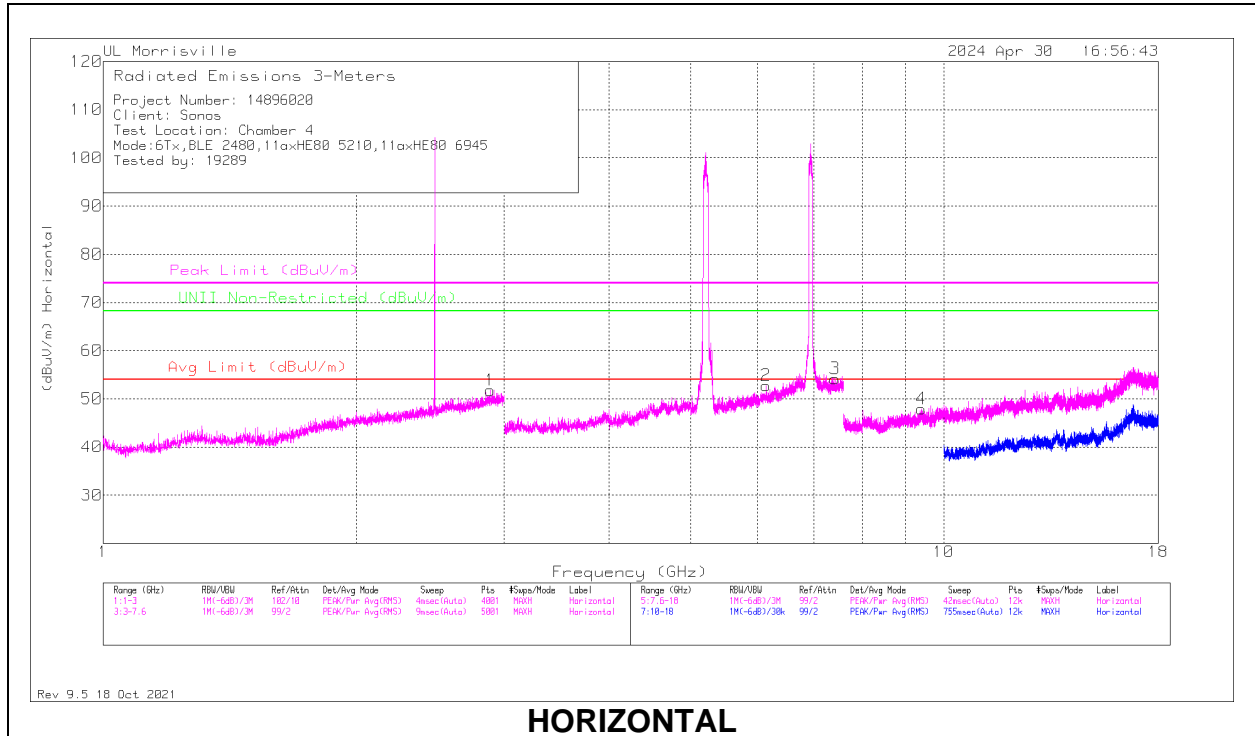
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average

**10.5.7. BLE 2480MHz 1Mbps, 802.11ax HE80 SU, 5210MHz, MCS0 MIMO and 802.11ax HE80 SU, 6945MHz, MCS0 MIMO**



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 89509 ACF (dB/m) | Gain/Loss (dB) | Filter (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.88689    | 32.16                | PK-U | 32.5             | -12.1          | 0           | 0            | 52.56                      | -                  | -           | 74                  | -21.44         | 68.2                         | -15.64         | 325            | 105         | H        |
|        | * ** 2.884      | 20.55                | ADR  | 32.4             | -12.1          | 0           | .71          | 41.56                      | 54                 | -12.44      | -                   | -              | -                            | -              | 325            | 105         | H        |
| 5      | * ** 2.84425    | 32.24                | PK-U | 32.3             | -12.1          | 0           | 0            | 52.44                      | -                  | -           | 74                  | -21.56         | 68.2                         | -15.76         | 181            | 230         | V        |
|        | * ** 2.84372    | 20.35                | ADR  | 32.3             | -12.1          | 0           | .71          | 41.26                      | 54                 | -12.74      | -                   | -              | -                            | -              | 181            | 230         | V        |
| 3      | * ** 7.42221    | 26.22                | PK-U | 35.6             | -7.2           | .6          | 0            | 55.22                      | -                  | -           | 74                  | -18.78         | 68.2                         | -12.98         | 122            | 375         | H        |
|        | * ** 7.42423    | 14.7                 | ADR  | 35.6             | -7.2           | .6          | .71          | 44.41                      | 54                 | -9.59       | -                   | -              | -                            | -              | 122            | 375         | H        |
| 7      | * ** 7.47663    | 25.77                | PK-U | 35.6             | -6.1           | .6          | 0            | 55.87                      | -                  | -           | 74                  | -18.13         | 68.2                         | -12.33         | 308            | 189         | V        |
|        | * ** 7.47736    | 14.37                | ADR  | 35.6             | -6             | .6          | .71          | 45.28                      | 54                 | -8.72       | -                   | -              | -                            | -              | 308            | 189         | V        |
| 4      | * ** 9.40267    | 37.11                | Pk   | 36.6             | -26.2          | .4          | 0            | 47.91                      | 54                 | -6.09       | 74                  | -26.09         | 68.2                         | -20.29         | 0-360          | 100         | H        |
| 8      | * ** 9.35413    | 36.87                | Pk   | 36.5             | -25.8          | .3          | 0            | 47.87                      | 54                 | -6.13       | 74                  | -26.13         | 68.2                         | -20.33         | 0-360          | 200         | V        |
| 6      | 5.80416         | 24.39                | Pk   | 34.7             | -8.3           | .8          | 0            | 51.59                      | -                  | -           | -                   | -              | 68.2                         | -16.61         | 0-360          | 200         | V        |
| 2      | 6.14732         | 24.37                | Pk   | 35.3             | -8.1           | 1.2         | 0            | 52.77                      | -                  | -           | -                   | -              | 68.2                         | -15.43         | 0-360          | 100         | H        |

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

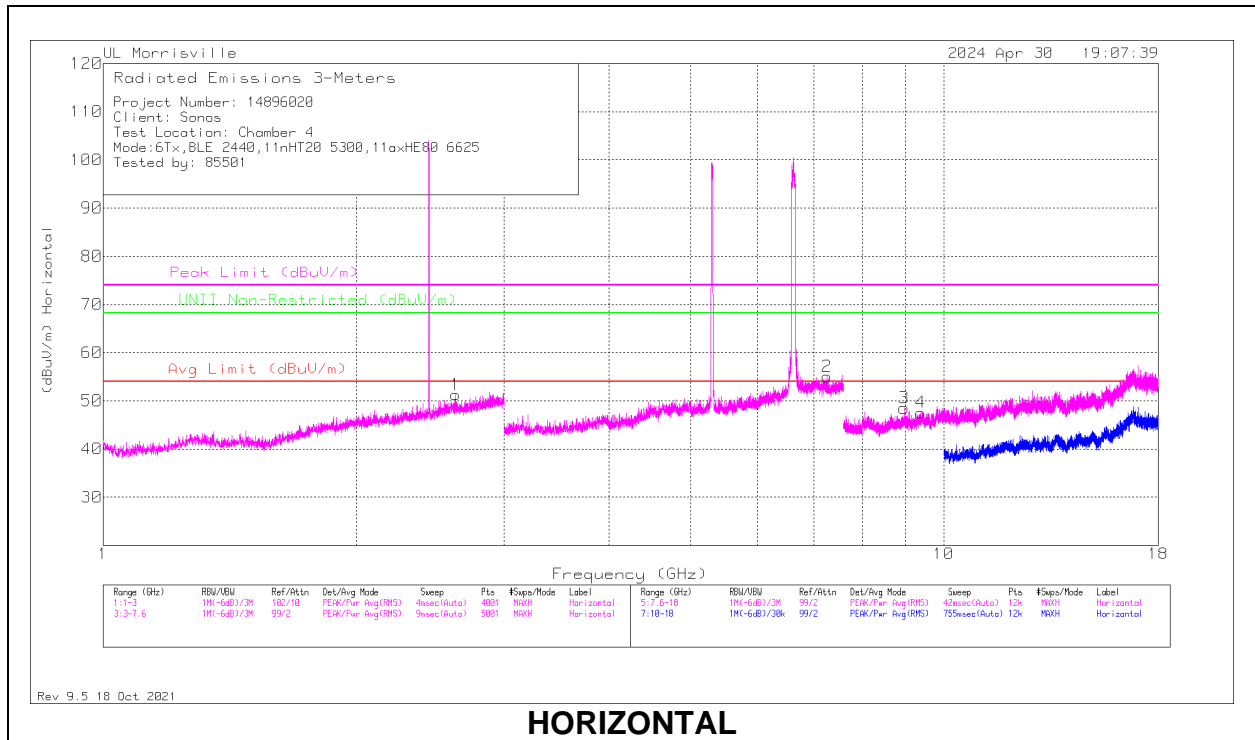
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

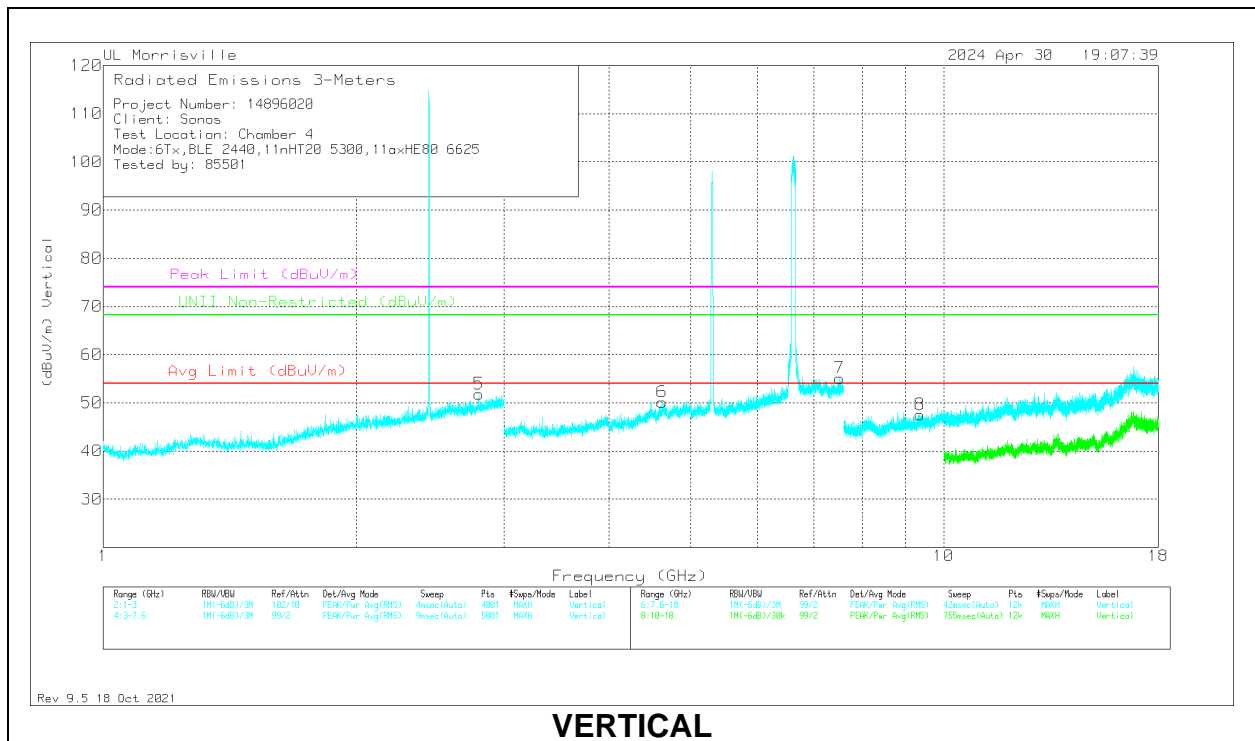
PK2 - Maximum Peak

ADR - RMS average

### 10.5.8. BLE 2440MHz 1Mbps, 802.11n HT20, 5300MHz, MCS0 MIMO and 802.11ax HE80 SU, 6625MHz, MCS0 MIMO



**HORIZONTAL**



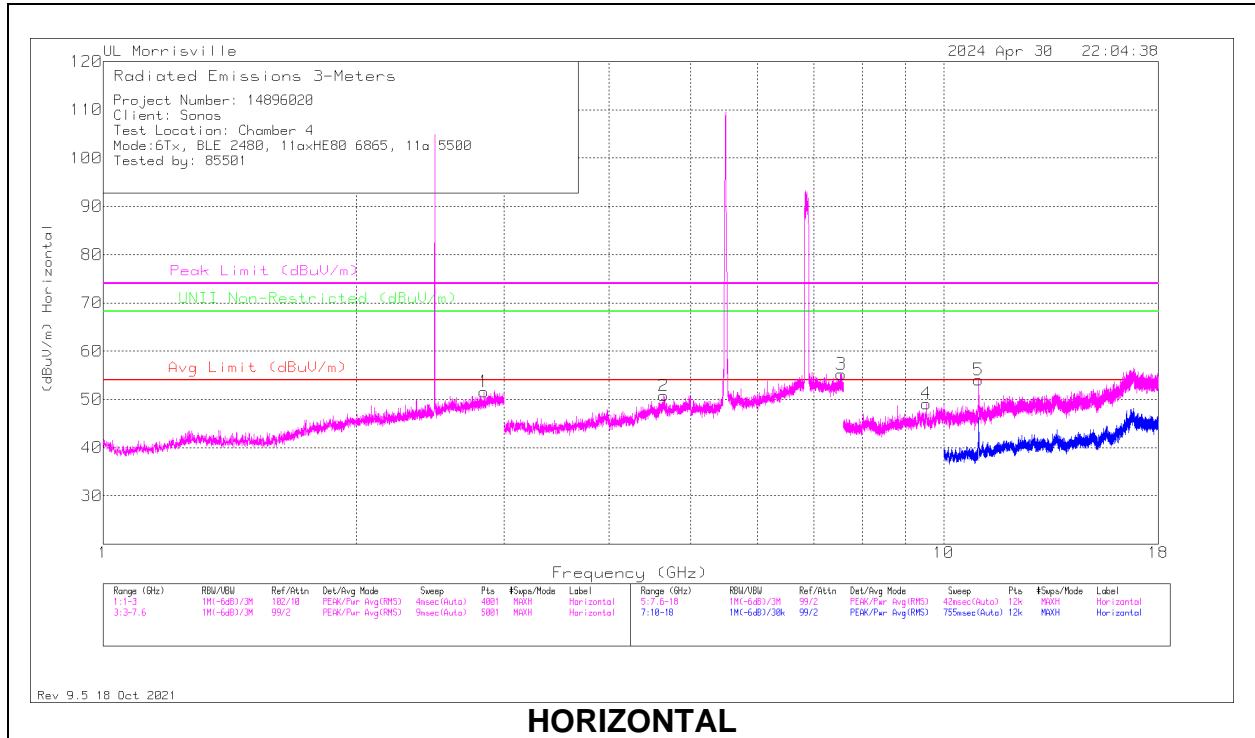
**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 89509 ACF (dB/m) | Gain/Loss (dB) | Filter (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | ** 2.6265       | 31.26                | Pk   | 32.5             | -12.5          | 0           | 0            | 51.26                      | -                  | -           | -                   | -              | 68.2                         | -16.94         | 0-360          | 100         | H        |
| 5      | * ** 2.80015    | 31.46                | PK-U | 32.6             | -12.3          | 0           | 0            | 51.76                      | -                  | -           | 74                  | -22.24         | 68.2                         | -16.44         | 254            | 179         | V        |
|        | * ** 2.79877    | 20.14                | ADR  | 32.6             | -12.3          | 0           | .71          | 41.15                      | 54                 | -12.85      | -                   | -              | -                            | -              | 254            | 179         | V        |
| 2      | * ** 7.26419    | 26.15                | PK-U | 35.6             | -7.2           | .7          | 0            | 55.25                      | -                  | -           | 74                  | -18.75         | 68.2                         | -12.95         | 275            | 354         | H        |
|        | * ** 7.26293    | 14.61                | ADR  | 35.6             | -7.2           | .7          | .71          | 44.42                      | 54                 | -9.58       | -                   | -              | -                            | -              | 275            | 354         | H        |
| 6      | * ** 4.62237    | 26.33                | PK-U | 34.1             | -10            | .6          | 0            | 51.03                      | -                  | -           | 74                  | -22.97         | 68.2                         | -17.17         | 334            | 167         | V        |
|        | * ** 4.622      | 14.74                | ADR  | 34.1             | -10            | .6          | .71          | 40.15                      | 54                 | -13.85      | -                   | -              | -                            | -              | 334            | 167         | V        |
| 7      | * ** 7.51716    | 26.74                | PK-U | 35.6             | -5.9           | .6          | 0            | 57.04                      | -                  | -           | 74                  | -16.96         | 68.2                         | -11.16         | 283            | 211         | V        |
|        | * ** 7.51557    | 14.13                | ADR  | 35.6             | -5.9           | .6          | .71          | 45.14                      | 54                 | -8.86       | -                   | -              | -                            | -              | 283            | 211         | V        |
| 4      | * ** 9.39313    | 36.87                | Pk   | 36.6             | -26.2          | .3          | 0            | 47.57                      | 54                 | -6.43       | 74                  | -26.43         | 68.2                         | -20.63         | 0-360          | 100         | H        |
| 8      | * ** 9.36713    | 36.75                | Pk   | 36.5             | -25.9          | .2          | 0            | 47.55                      | 54                 | -6.45       | 74                  | -26.45         | 68.2                         | -20.65         | 0-360          | 200         | V        |
| 3      | 8.9702          | 37.5                 | Pk   | 36.2             | -25.9          | .7          | 0            | 48.5                       | -                  | -           | -                   | -              | 68.2                         | -19.7          | 0-360          | 100         | H        |

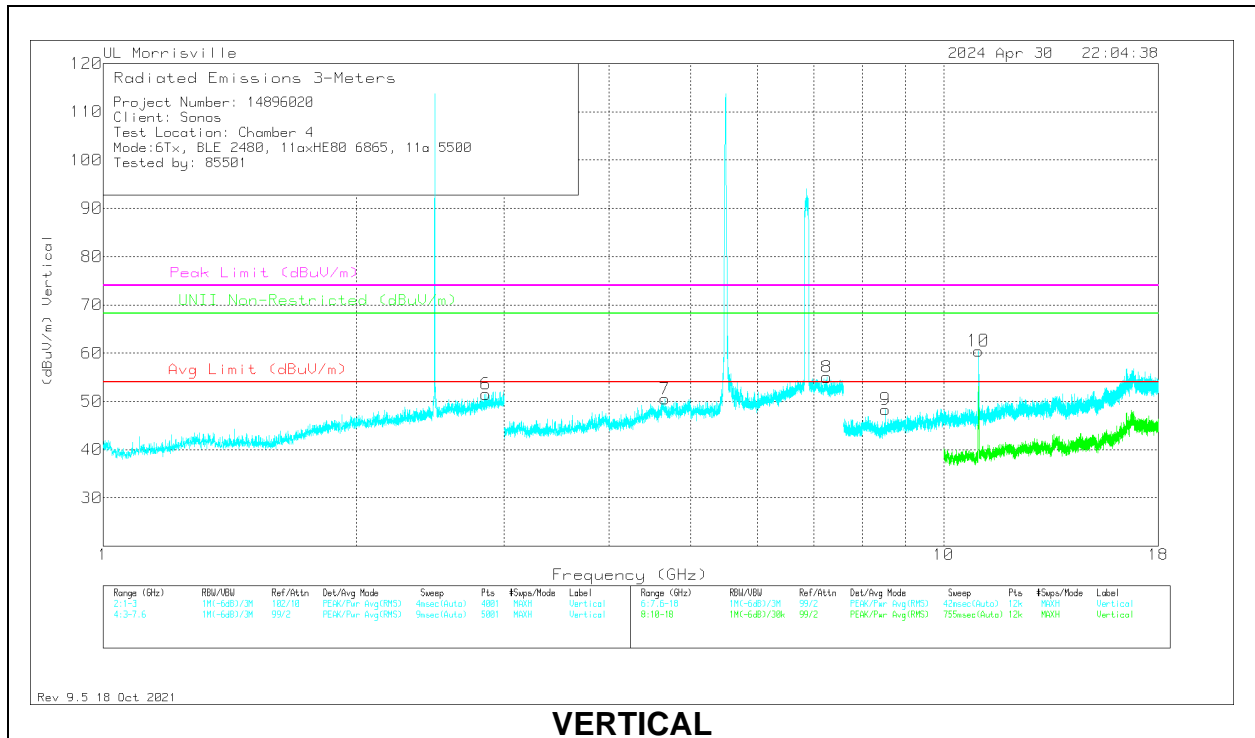
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 PK2 - Maximum Peak  
 ADR - RMS average



**10.5.9. BLE 2480MHz 1Mbps, 802.11ax HE80 SU, 6865MHz, MCS0 MIMO and 802.11a, 5500MHz, 6Mbps MIMO**



**HORIZONTAL**



**VERTICAL**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 89509 ACF (dB/m) | Gain/Loss (dB) | Filter (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * ** 2.83721    | 31.76                | PK-U | 32.3             | -12.4          | 0           | 0            | 51.66                      | -                  | -           | 74                  | -22.34         | 68.2                         | -16.54         | 218            | 166         | H        |
|        | * ** 2.83735    | 20.2                 | ADR  | 32.3             | -12.4          | 0           | .94          | 41.04                      | 54                 | -12.96      | -                   | -              | -                            | -              | 218            | 166         | H        |
| 6      | * ** 2.85264    | 31.96                | PK-U | 32.4             | -12.3          | 0           | 0            | 52.06                      | -                  | -           | 74                  | -21.94         | 68.2                         | -16.14         | 175            | 229         | V        |
|        | * ** 2.85373    | 20.35                | ADR  | 32.4             | -12.3          | 0           | .94          | 41.39                      | 54                 | -12.61      | -                   | -              | -                            | -              | 175            | 229         | V        |
| 2      | * ** 4.64617    | 26.53                | PK-U | 34.1             | -9.9           | .6          | 0            | 51.33                      | -                  | -           | 74                  | -22.67         | 68.2                         | -16.87         | 96             | 162         | H        |
|        | * ** 4.64434    | 14.55                | ADR  | 34.1             | -9.8           | .6          | .94          | 40.39                      | 54                 | -13.61      | -                   | -              | -                            | -              | 96             | 162         | H        |
| 3      | * ** 7.55226    | 26.14                | PK-U | 35.7             | -6.1           | .7          | 0            | 56.44                      | -                  | -           | 74                  | -17.56         | 68.2                         | -11.76         | 52             | 364         | H        |
|        | * ** 7.55185    | 14.25                | ADR  | 35.7             | -6.1           | .7          | .94          | 45.49                      | 54                 | -8.51       | -                   | -              | -                            | -              | 52             | 364         | H        |
| 7      | * ** 4.65992    | 26.23                | PK-U | 34.1             | -10.2          | .5          | 0            | 50.63                      | -                  | -           | 74                  | -23.37         | 68.2                         | -17.57         | 348            | 396         | V        |
|        | * ** 4.66022    | 14.77                | ADR  | 34.1             | -10.2          | .5          | .94          | 40.11                      | 54                 | -13.89      | -                   | -              | -                            | -              | 348            | 396         | V        |
| 8      | * ** 7.25973    | 26.3                 | PK-U | 35.6             | -7.3           | .7          | 0            | 55.3                       | -                  | -           | 74                  | -18.7          | 68.2                         | -12.9          | 208            | 110         | V        |
|        | * ** 7.25813    | 15.07                | ADR  | 35.6             | -7.2           | .7          | .94          | 45.11                      | 54                 | -8.89       | -                   | -              | -                            | -              | 208            | 110         | V        |
| 5      | * ** 10.99802   | 44.34                | PK-U | 37.9             | -25            | .3          | 0            | 57.54                      | -                  | -           | 74                  | -16.46         | 68.2                         | -10.66         | 33             | 101         | H        |
|        | * ** 10.99852   | 33.89                | ADR  | 37.9             | -25.1          | .3          | .94          | 47.93                      | 54                 | -6.07       | -                   | -              | -                            | -              | 33             | 101         | H        |
| 10     | * ** 10.99381   | 49.49                | PK-U | 37.9             | -25.3          | .3          | 0            | 62.39                      | -                  | -           | 74                  | -11.61         | 68.2                         | -5.81          | 10             | 217         | V        |
|        | * ** 10.99395   | 37.48                | ADR  | 37.9             | -25.3          | .3          | .94          | 51.32                      | 54                 | -2.68       | -                   | -              | -                            | -              | 10             | 217         | V        |
| 9      | 8.523           | 38.81                | Pk   | 35.8             | -26.8          | .5          | 0            | 48.31                      | -                  | -           | -                   | -              | 68.2                         | -19.89         | 0-360          | 200         | V        |
| 4      | 9.54047         | 37.41                | Pk   | 36.7             | -25.6          | .6          | 0            | 49.11                      | -                  | -           | -                   | -              | 68.2                         | -19.09         | 0-360          | 100         | H        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 PK2 - Maximum Peak  
 ADR - RMS average

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)  
RSS-Gen 8.8

| Frequency of Emission (MHz) | Conducted Limit (dBuV) |           |
|-----------------------------|------------------------|-----------|
|                             | Quasi-peak             | Average   |
| 0.15-0.5                    | 66 to 56*              | 56 to 46* |
| 0.5-5                       | 56                     | 46        |
| 5-30                        | 60                     | 50        |

\*Decreases with the logarithm of the frequency.

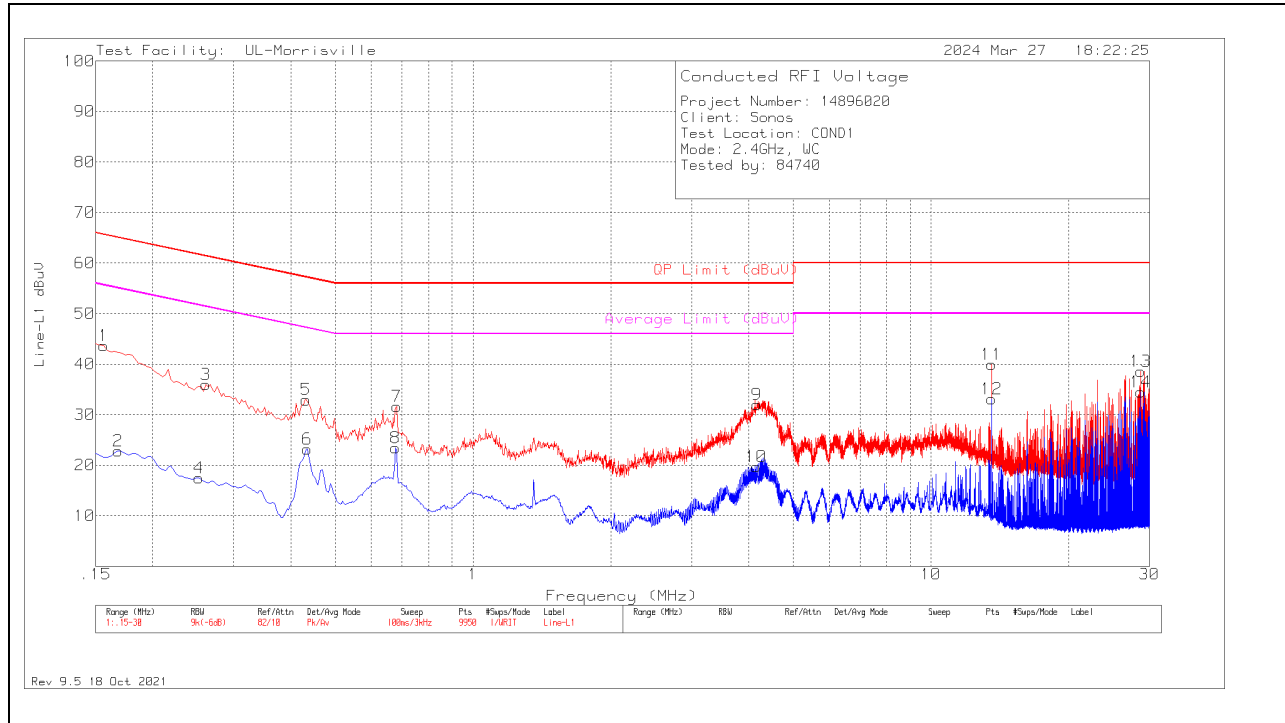
### TEST PROCEDURE

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

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

Line conducted data is recorded for both lines.

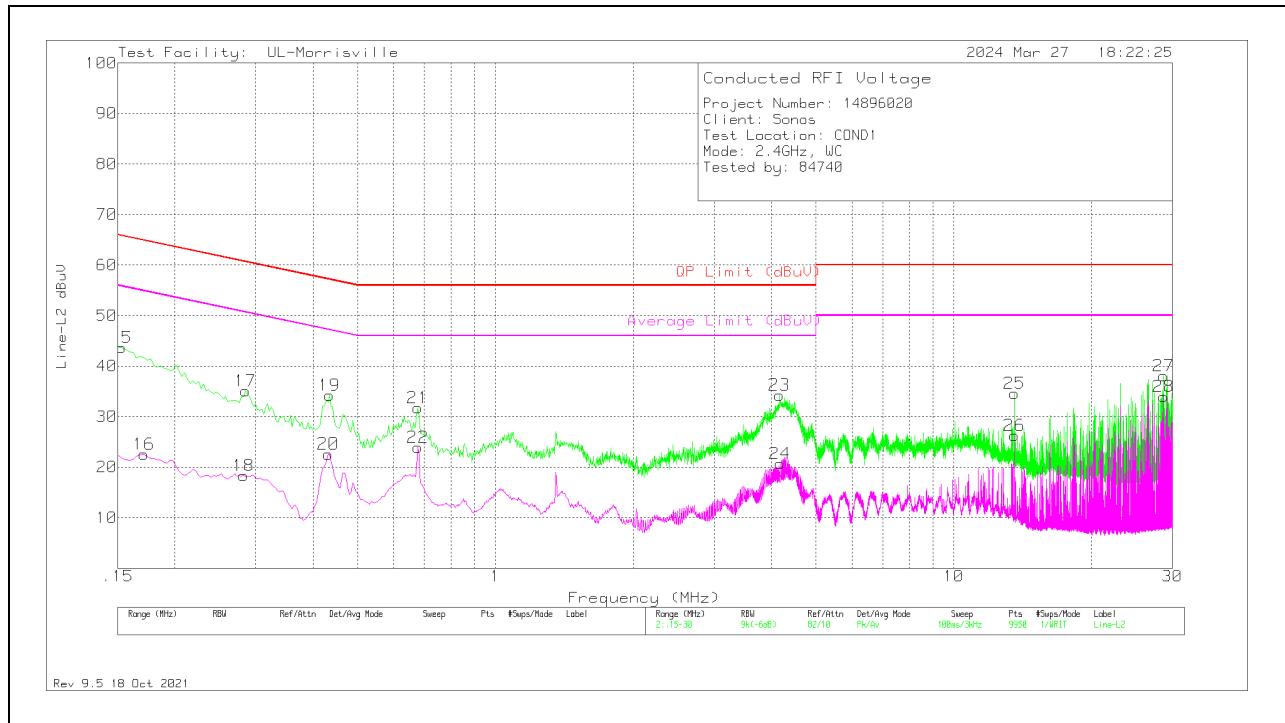
## 11.1. AC POWER LINE LINE 1 RESULTS



| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |               |                  |                        |                 |             |                      |             |
|------------------------------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VDF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
| 1                            | .156            | 33.53                | Pk  | .3            | 9.8              | 43.63                  | 65.67           | -22.04      | -                    | -           |
| 2                            | .168            | 12.72                | Av  | .3            | 9.8              | 22.82                  | -               | -           | 55.06                | -32.24      |
| 3                            | .261            | 25.95                | Pk  | .2            | 9.8              | 35.95                  | 61.4            | -25.45      | -                    | -           |
| 4                            | .252            | 7.5                  | Av  | .2            | 9.8              | 17.5                   | -               | -           | 51.69                | -34.19      |
| 5                            | .432            | 23.03                | Pk  | .1            | 9.8              | 32.93                  | 57.21           | -24.28      | -                    | -           |
| 6                            | .435            | 13.25                | Av  | .1            | 9.8              | 23.15                  | -               | -           | 47.16                | -24.01      |
| 7                            | .681            | 21.68                | Pk  | .1            | 9.8              | 31.58                  | 56              | -24.42      | -                    | -           |
| 8                            | .678            | 13.57                | Av  | .1            | 9.8              | 23.47                  | -               | -           | 46                   | -22.53      |
| 9                            | 4.167           | 21.95                | Pk  | .1            | 9.9              | 31.95                  | 56              | -24.05      | -                    | -           |
| 10                           | 4.155           | 9.75                 | Av  | .1            | 9.9              | 19.75                  | -               | -           | 46                   | -26.25      |
| 11                           | 13.56           | 29.75                | Pk  | .2            | 10               | 39.95                  | 60              | -20.05      | -                    | -           |
| 12                           | 13.56           | 22.95                | Av  | .2            | 10               | 33.15                  | -               | -           | 50                   | -16.85      |
| 13                           | 28.686          | 28.13                | Pk  | .3            | 10.2             | 38.63                  | 60              | -21.37      | -                    | -           |
| 14                           | 28.686          | 23.97                | Av  | .3            | 10.2             | 34.47                  | -               | -           | 50                   | -15.53      |

Pk - Peak detector  
 Av - Average detection

### LINE 2 RESULTS



| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |               |                  |                        |                 |             |                      |             |
|------------------------------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VDF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
| 15                           | .153            | 33.53                | Pk  | .3            | 9.8              | 43.63                  | 65.84           | -22.21      | -                    | -           |
| 16                           | .171            | 12.43                | Av  | .3            | 9.8              | 22.53                  | -               | -           | 54.91                | -32.38      |
| 17                           | .285            | 25.1                 | Pk  | .2            | 9.8              | 35.1                   | 60.67           | -25.57      | -                    | -           |
| 18                           | .282            | 8.33                 | Av  | .2            | 9.8              | 18.33                  | -               | -           | 50.76                | -32.43      |
| 19                           | .435            | 24.36                | Pk  | .1            | 9.8              | 34.26                  | 57.16           | -22.9       | -                    | -           |
| 20                           | .432            | 12.72                | Av  | .1            | 9.8              | 22.62                  | -               | -           | 47.21                | -24.59      |
| 21                           | .678            | 21.87                | Pk  | .1            | 9.8              | 31.77                  | 56              | -24.23      | -                    | -           |
| 22                           | .678            | 13.97                | Av  | .1            | 9.8              | 23.87                  | -               | -           | 46                   | -22.13      |
| 23                           | 4.164           | 24.29                | Pk  | .1            | 9.9              | 34.29                  | 56              | -21.71      | -                    | -           |
| 24                           | 4.179           | 10.72                | Av  | .1            | 9.9              | 20.72                  | -               | -           | 46                   | -25.28      |
| 25                           | 13.56           | 24.36                | Pk  | .2            | 10               | 34.56                  | 60              | -25.44      | -                    | -           |
| 26                           | 13.56           | 16.11                | Av  | .2            | 10               | 26.31                  | -               | -           | 50                   | -23.69      |
| 27                           | 28.686          | 27.6                 | Pk  | .3            | 10.2             | 38.1                   | 60              | -21.9       | -                    | -           |
| 28                           | 28.686          | 23.46                | Av  | .3            | 10.2             | 33.96                  | -               | -           | 50                   | -16.04      |

Pk - Peak detector  
 Av - Average detection

## 12. SETUP PHOTOS

Please refer to R14896020-EP1 for setup photos

**END OF TEST REPORT**