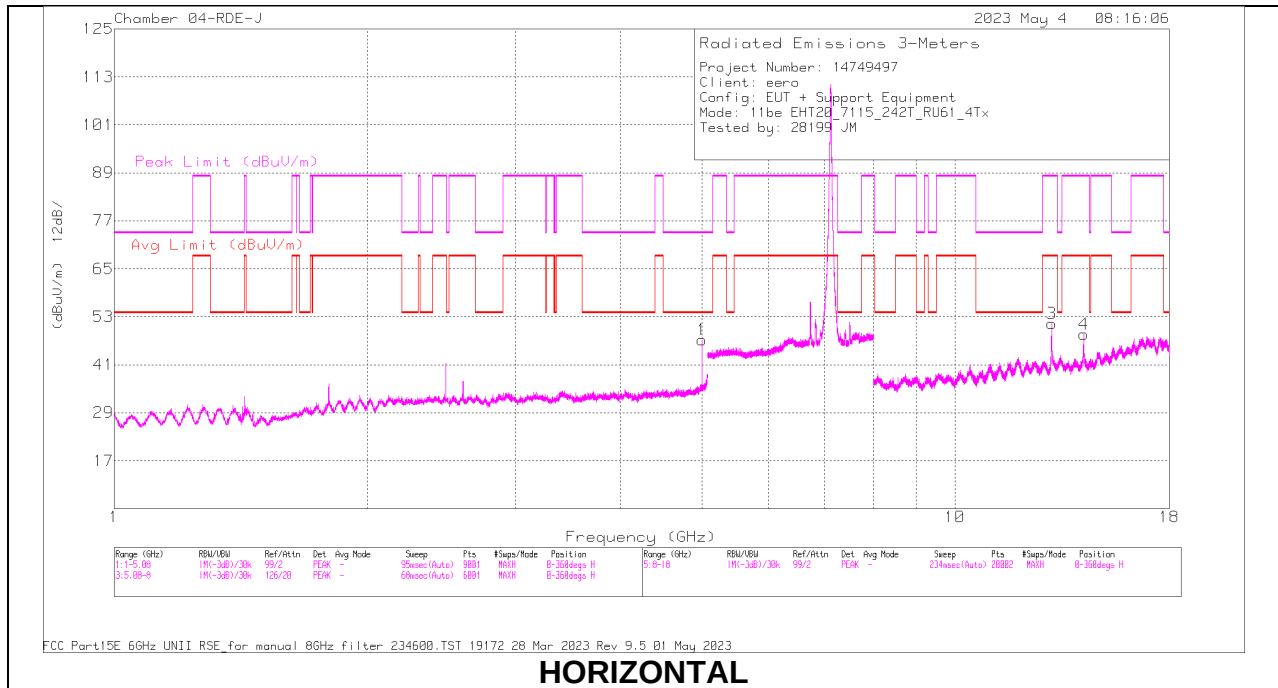
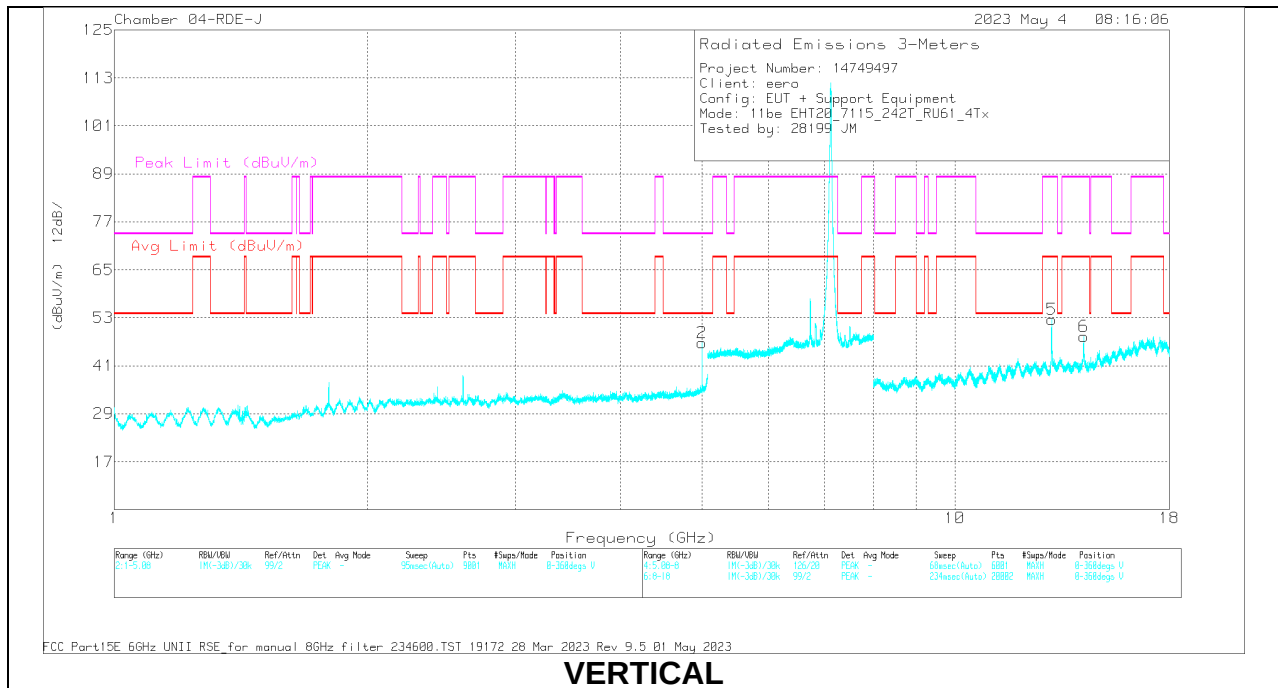


## HIGH



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 22741 ACF(dB) - 3mH | Amp/Cbl (dB) | 234600 8GHz HPF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|--------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.000216      | 61.18                | PK-U | 34.2                | -43.1        | -                    | 52.28                      | -                  | -           | 74                  | -21.72         | 345            | 138         | H        |
|        | * 5.000023      | 57.07                | ADR  | 34.2                | -43.1        | -                    | 48.17                      | 54                 | -5.83       | -                   | -              | 345            | 138         | H        |
| 2      | * 5             | 60.79                | PK-U | 34.2                | -43.1        | -                    | 51.89                      | -                  | -           | 74                  | -22.11         | 325            | 203         | V        |
|        | * 5.000019      | 55.77                | ADR  | 34.2                | -43.1        | -                    | 46.87                      | 54                 | -7.13       | -                   | -              | 325            | 203         | V        |
| 3      | 13.045832       | 56.61                | PK-U | 38.8                | -37.3        | .9                   | 59.01                      | -                  | -           | 88.2                | -29.19         | 352            | 237         | H        |
|        | 13.04681        | 44.95                | ADR  | 38.8                | -37.3        | .9                   | 47.35                      | 68.2               | -20.85      | -                   | -              | 352            | 237         | H        |
| 4      | 14.229308       | 54.54                | PK-U | 39.1                | -33.9        | .6                   | 60.34                      | -                  | -           | 88.2                | -27.86         | 126            | 298         | H        |
|        | 14.230056       | 42.26                | ADR  | 39.1                | -33.9        | .6                   | 48.06                      | 68.2               | -20.14      | -                   | -              | 126            | 298         | H        |
| 5      | 13.034787       | 57.35                | PK-U | 38.8                | -37.2        | .9                   | 59.85                      | -                  | -           | 88.2                | -28.35         | 275            | 174         | V        |
|        | 13.033917       | 46.6                 | ADR  | 38.8                | -37.2        | .9                   | 49.1                       | 68.2               | -19.1       | -                   | -              | 275            | 174         | V        |
| 6      | 14.236379       | 53.06                | PK-U | 39.1                | -34          | .6                   | 58.76                      | -                  | -           | 88.2                | -29.44         | 200            | 204         | V        |
|        | 14.229918       | 41.04                | ADR  | 39.1                | -33.9        | .6                   | 46.84                      | 68.2               | -21.36      | -                   | -              | 200            | 204         | V        |

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

PK-U - U-NII: Maximum Peak

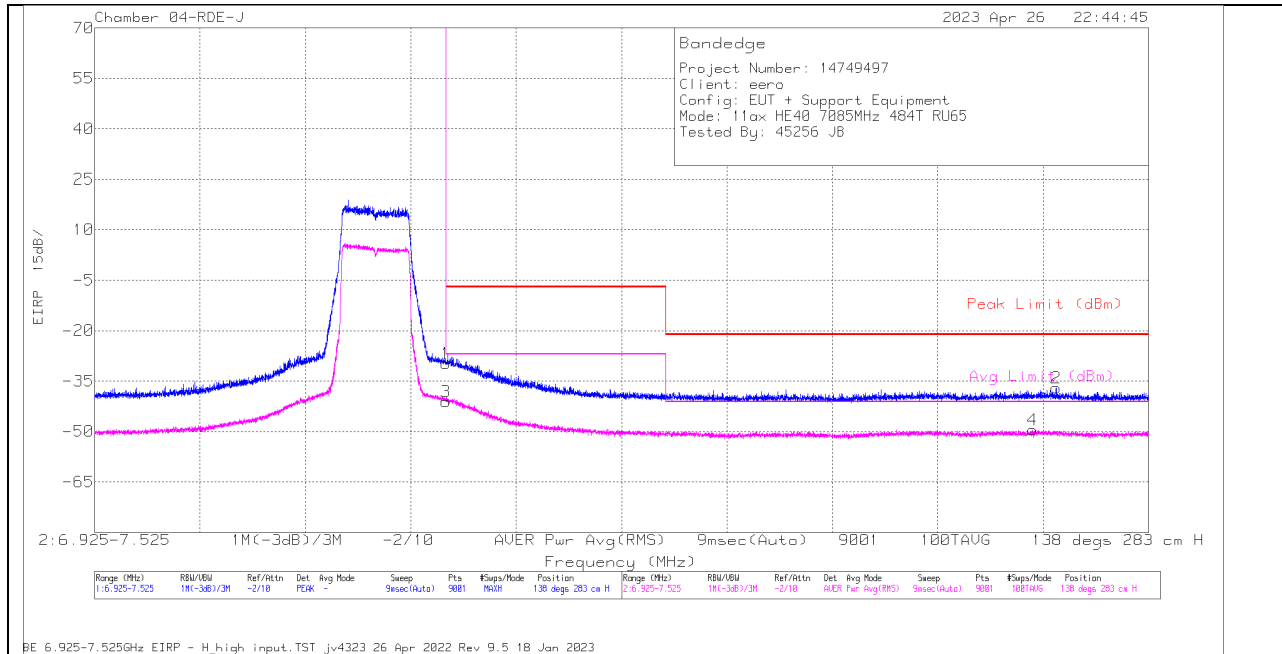
ADR - U-NII AD primary method, RMS average

## 10.1.22. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 484-Tones, RU 65

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

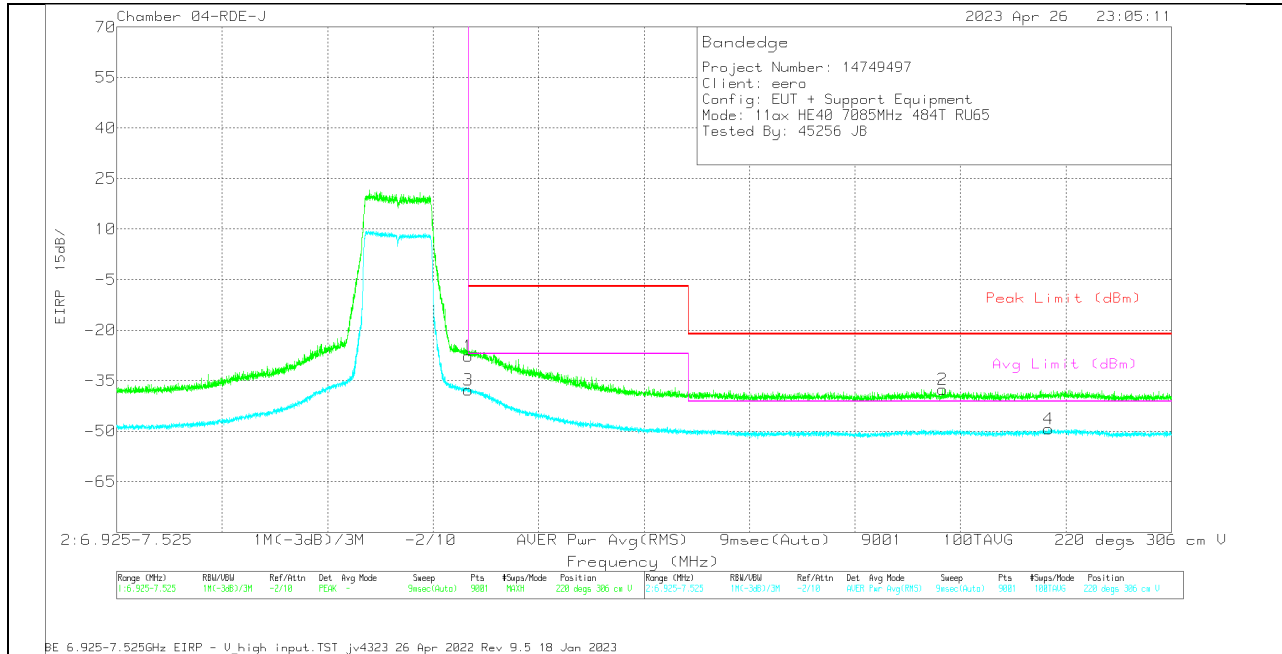


### Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -64.69              | Pk  | 35.8                 | -12.7            | 11.8                   | -29.79                 | -7               | -22.79         | -               | -               | 138            | 283         | H        |
| 2      | * 7472.403      | -72.45              | Pk  | 35.8                 | -12.2            | 11.8                   | -37.05                 | -21.2            | -15.85         | -               | -               | 138            | 283         | H        |
| 3      | 7125            | -75.96              | RMS | 35.8                 | -12.7            | 11.8                   | -41.06                 | -                | -              | -27             | -14.06          | 138            | 283         | H        |
| 4      | * 7459.069      | -84.94              | RMS | 35.8                 | -12.2            | 11.8                   | -49.54                 | -                | -              | -41.2           | -8.34           | 138            | 283         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -62.59              | PK  | 35.8                 | -12.7            | 11.8                   | -27.69                 | -7               | -20.69         | -               | -               | 220            | 306         | V        |
| 2      | * 7394.869      | -73.23              | PK  | 35.8                 | -11.9            | 11.8                   | -37.53                 | -21.2            | -16.33         | -               | -               | 220            | 306         | V        |
| 3      | 7125            | -72.7               | RMS | 35.8                 | -12.7            | 11.8                   | -37.8                  | -                | -              | -27             | -10.8           | 220            | 306         | V        |
| 4      | * 7455.269      | -84.68              | RMS | 35.8                 | -12.2            | 11.8                   | -49.28                 | -                | -              | -41.2           | -8.08           | 220            | 306         | V        |

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

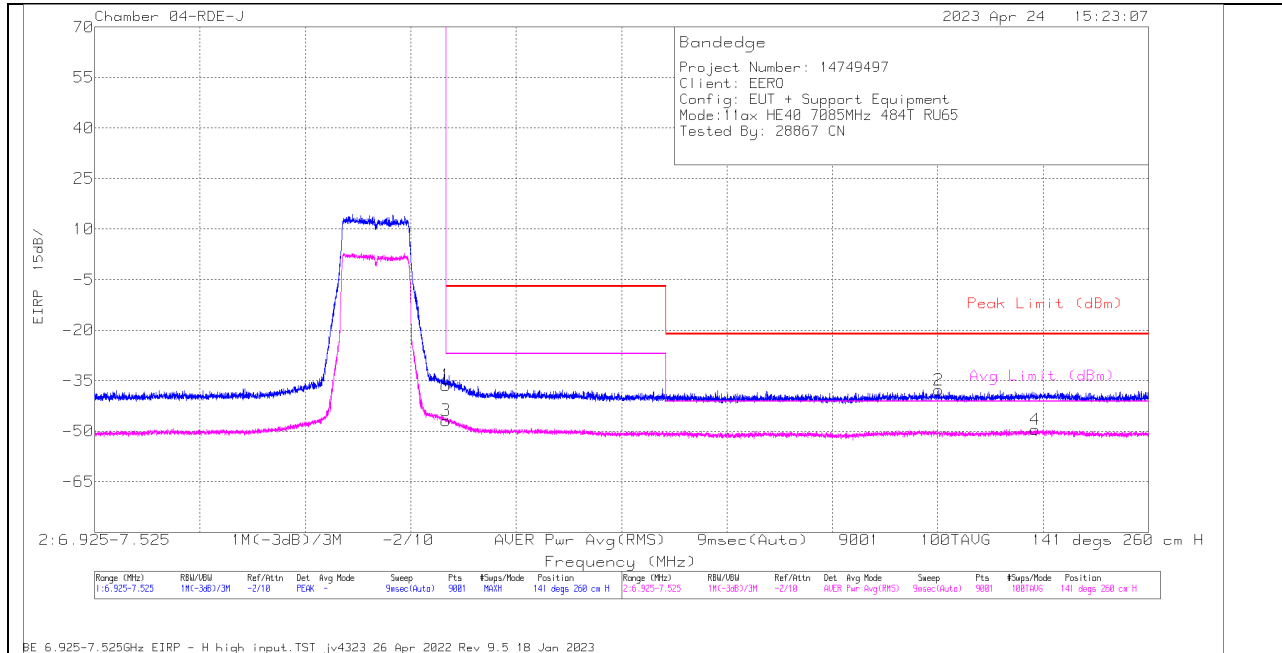
PK - Peak detector

RMS - RMS detection

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 484-Tones, RU 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

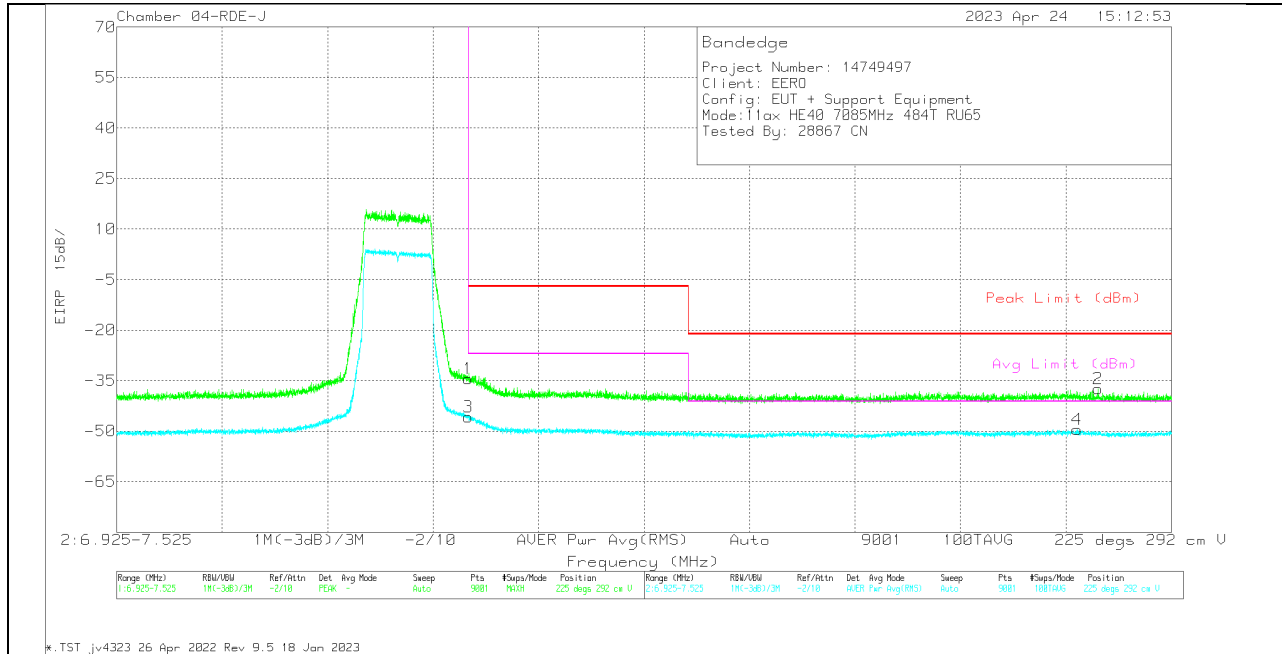


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -71.28              | PK  | 35.8                 | -12.7            | 11.8                   | -36.38                 | -7               | -29.38         | -               | -               | 141            | 260         | H        |
| 2      | * 7405.469      | -73.34              | PK  | 35.8                 | -12              | 11.8                   | -37.74                 | -21.2            | -16.54         | -               | -               | 141            | 260         | H        |
| 3      | 7125            | -81.72              | RMS | 35.8                 | -12.7            | 11.8                   | -46.82                 | -                | -              | -27             | -19.82          | 141            | 260         | H        |
| 4      | * 7460.336      | -84.96              | RMS | 35.8                 | -12.1            | 11.8                   | -49.46                 | -                | -              | -41.2           | -8.26           | 141            | 260         | H        |

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

## VERTICAL RESULT



## Trace Markers

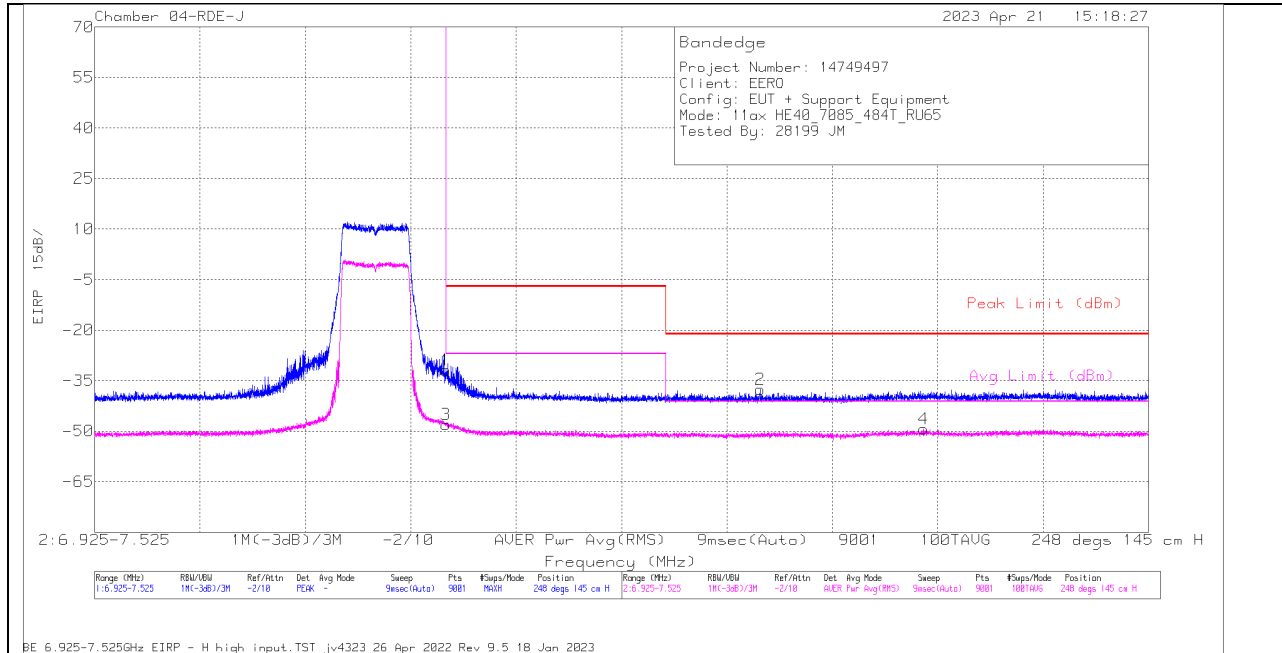
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -69.27              | PK  | 35.8                 | -12.7            | 11.8                   | -34.37                 | -7               | -27.37         | -               | -               | 225            | 292         | V        |
| 2      | * 7483.136      | -72.5               | PK  | 35.8                 | -12.5            | 11.8                   | -37.4                  | -21.2            | -16.2          | -               | -               | 225            | 292         | V        |
| 3      | 7125            | -80.69              | RMS | 35.8                 | -12.7            | 11.8                   | -45.79                 | -                | -              | -27             | -18.79          | 225            | 292         | V        |
| 4      | * 7471.336      | -84.96              | RMS | 35.8                 | -12.2            | 11.8                   | -49.56                 | -                | -              | -41.2           | -8.36           | 225            | 292         | V        |

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

**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 484-Tones, RU 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

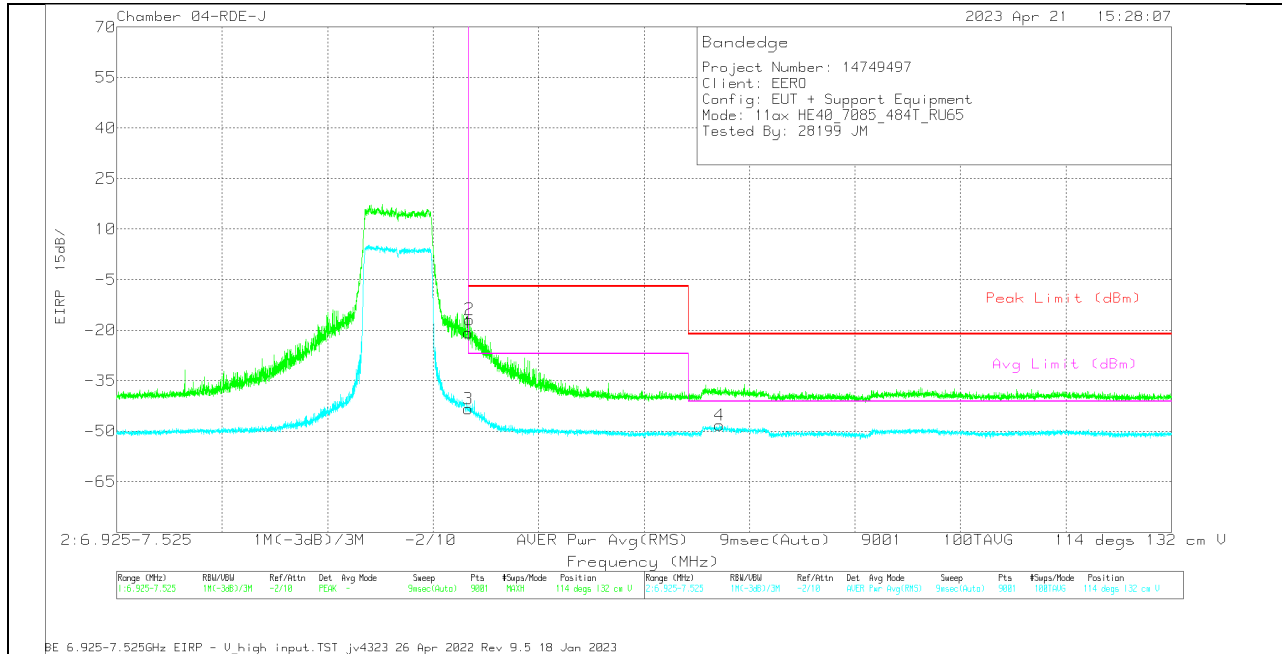


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -66.72              | PK  | 35.8                 | -12.7            | 11.8                   | -31.82                 | -7               | -24.82         | -               | -               | 248            | 145         | H        |
| 2      | * 7303.802      | -72.67              | PK  | 35.8                 | -12.5            | 11.8                   | -37.57                 | -21.2            | -16.37         | -               | -               | 248            | 145         | H        |
| 3      | 7125            | -82.9               | RMS | 35.8                 | -12.7            | 11.8                   | -48                    | -                | -              | -27             | -21             | 248            | 145         | H        |
| 4      | * 7396.869      | -84.97              | RMS | 35.8                 | -11.9            | 11.8                   | -49.27                 | -                | -              | -41.2           | -8.07           | 248            | 145         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -55.78              | PK  | 35.8                 | -12.7            | 11.8                   | -20.88                 | -7               | -13.88         | -               | -               | 114            | 132         | V        |
| 2      | 7125.601        | -51.73              | PK  | 35.8                 | -12.7            | 11.8                   | -16.83                 | -7               | -9.83          | -               | -               | 114            | 132         | V        |
| 3      | 7125            | -78.18              | RMS | 35.8                 | -12.7            | 11.8                   | -43.28                 | -                | -              | -27             | -16.28          | 114            | 132         | V        |
| 4      | * 7267.935      | -82.88              | RMS | 35.8                 | -13              | 11.8                   | -48.28                 | -                | -              | -41.2           | -7.08           | 114            | 132         | V        |

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

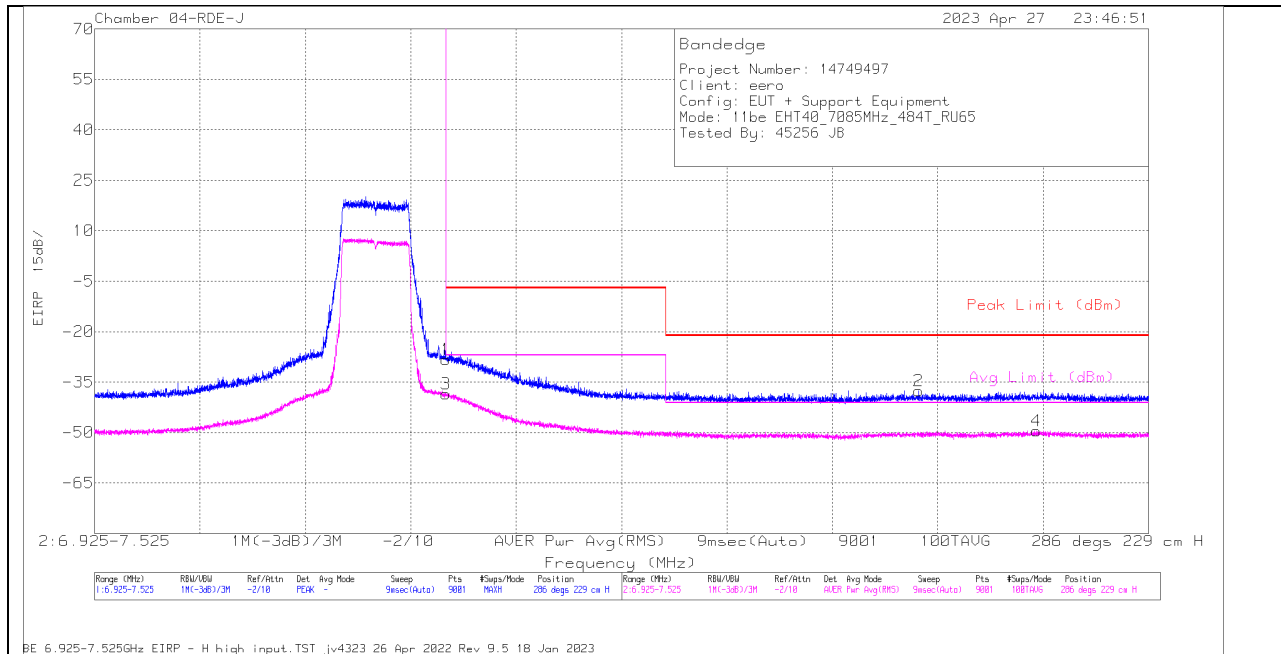


## 10.1.23. TX ABOVE 1 GHz 802.11be EHT40 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 484-Tones, RU 65

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

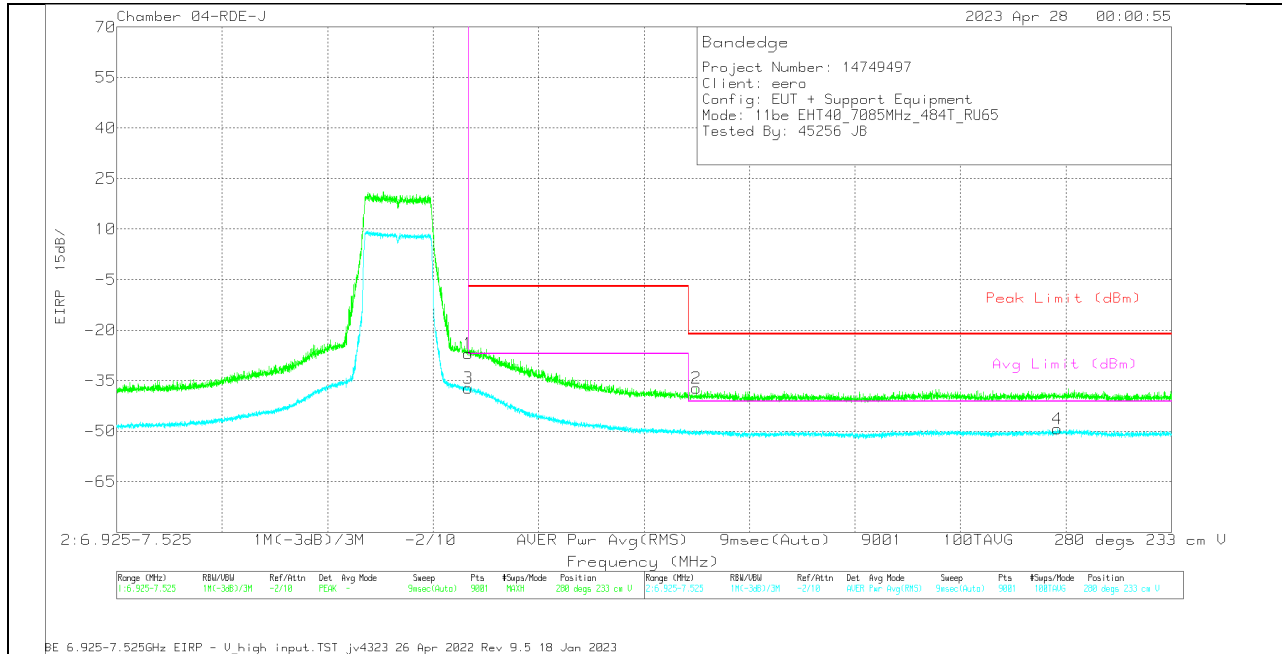


### Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 22741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -63.27              | Pk  | 35.8                | -12.7            | 11.8                   | -28.37                 | -7               | -21.37         | -               | -               | 286            | 229         | H        |
| 2      | *7394.069       | -73.21              | Pk  | 35.8                | -11.9            | 11.8                   | -37.51                 | -21.2            | -16.31         | -               | -               | 286            | 229         | H        |
| 3      | 7125            | -73.49              | RMS | 35.8                | -12.7            | 11.8                   | -38.59                 | -                | -              | -27             | -11.59          | 286            | 229         | H        |
| 4      | *7461.003       | -84.94              | RMS | 35.8                | -12.1            | 11.8                   | -49.44                 | -                | -              | -41.2           | -8.24           | 286            | 229         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -61.93              | PK  | 35.8                 | -12.7            | 11.8                   | -27.03                 | -7               | -20.03         | -               | -               | 280            | 233         | V        |
| 2      | * 7254.668      | -72                 | PK  | 35.8                 | -12.9            | 11.8                   | -37.3                  | -21.2            | -16.1          | -               | -               | 280            | 233         | V        |
| 3      | 7125            | -72.15              | RMS | 35.8                 | -12.7            | 11.8                   | -37.25                 | -                | -              | -27             | -10.25          | 280            | 233         | V        |
| 4      | * 7460.203      | -84.9               | RMS | 35.8                 | -12.1            | 11.8                   | -49.4                  | -                | -              | -41.2           | -8.2            | 280            | 233         | V        |

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

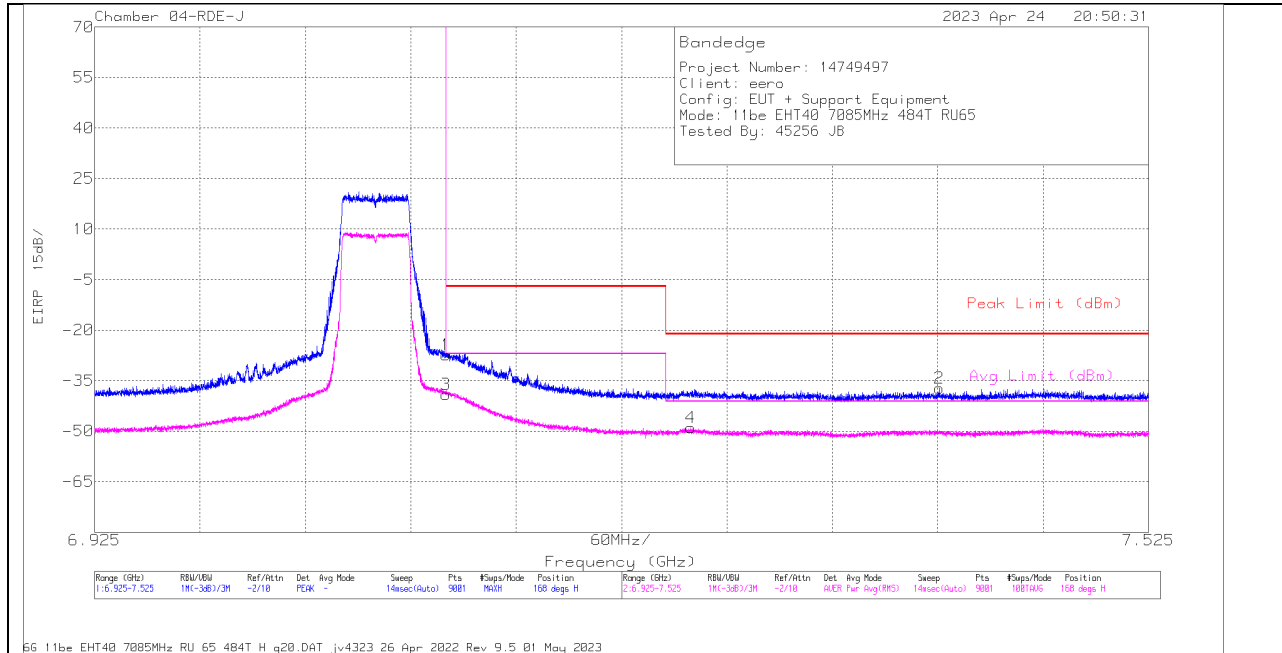
PK - Peak detector

RMS - RMS detection

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 484-Tones, RU 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

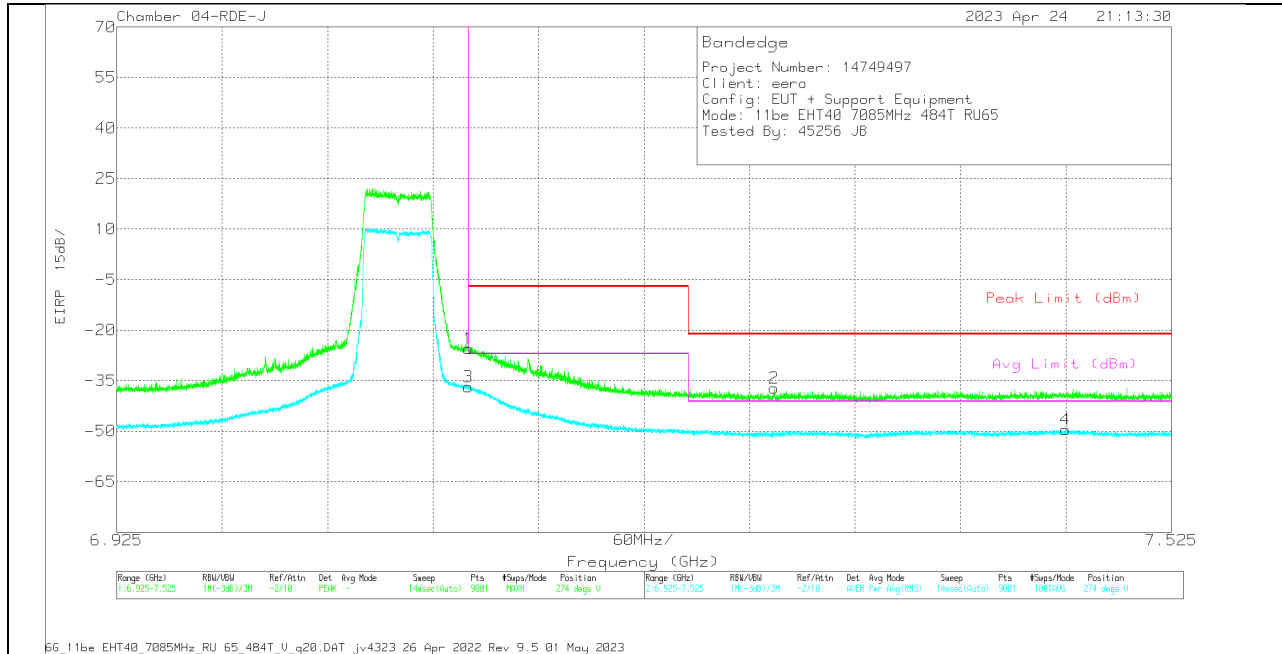


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -62.18              | PK  | 35.8                 | -12.7            | 11.8                   | -27.28                 | -7               | -20.28         | -               | -               | 168            | 267         | H        |
| 2      | * 7406.002      | -72.82              | PK  | 35.8                 | -12              | 11.8                   | -37.22                 | -21.2            | -16.02         | -               | -               | 168            | 267         | H        |
| 3      | 7125            | -73.93              | RMS | 35.8                 | -12.7            | 11.8                   | -39.03                 | -                | -              | -27             | -12.03          | 168            | 267         | H        |
| 4      | * 7264.468      | -83.71              | RMS | 35.8                 | -12.9            | 11.8                   | -49.01                 | -                | -              | -41.2           | -7.81           | 168            | 267         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -60.31              | PK  | 35.8                 | -12.7            | 11.8                   | -25.41                 | -7               | -18.41         | -               | -               | 274            | 251         | V        |
| 2      | * 7299.069      | -72.18              | PK  | 35.8                 | -12.6            | 11.8                   | -37.18                 | -21.2            | -15.98         | -               | -               | 274            | 251         | V        |
| 3      | 7125            | -71.78              | RMS | 35.8                 | -12.7            | 11.8                   | -36.88                 | -                | -              | -27             | -9.88           | 274            | 251         | V        |
| 4      | * 7464.736      | -84.94              | RMS | 35.8                 | -12.1            | 11.8                   | -49.44                 | -                | -              | -41.2           | -8.24           | 274            | 251         | V        |

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

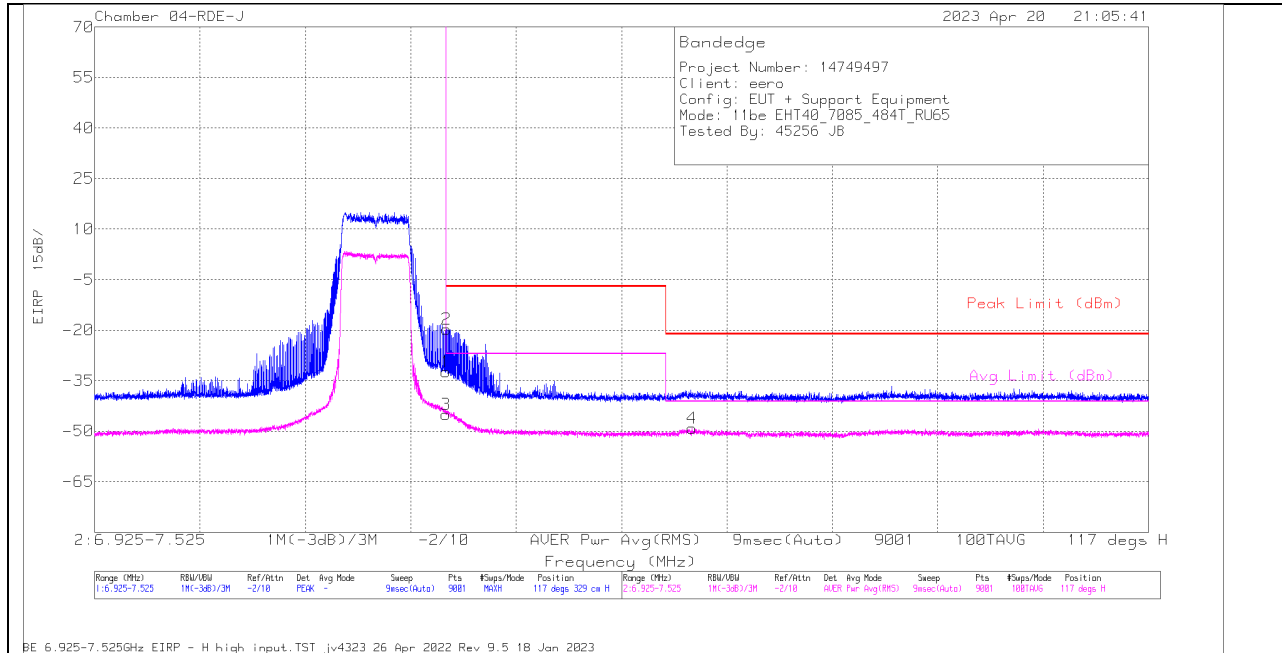
PK - Peak detector

RMS - RMS detection

**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 484-Tones, RU 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

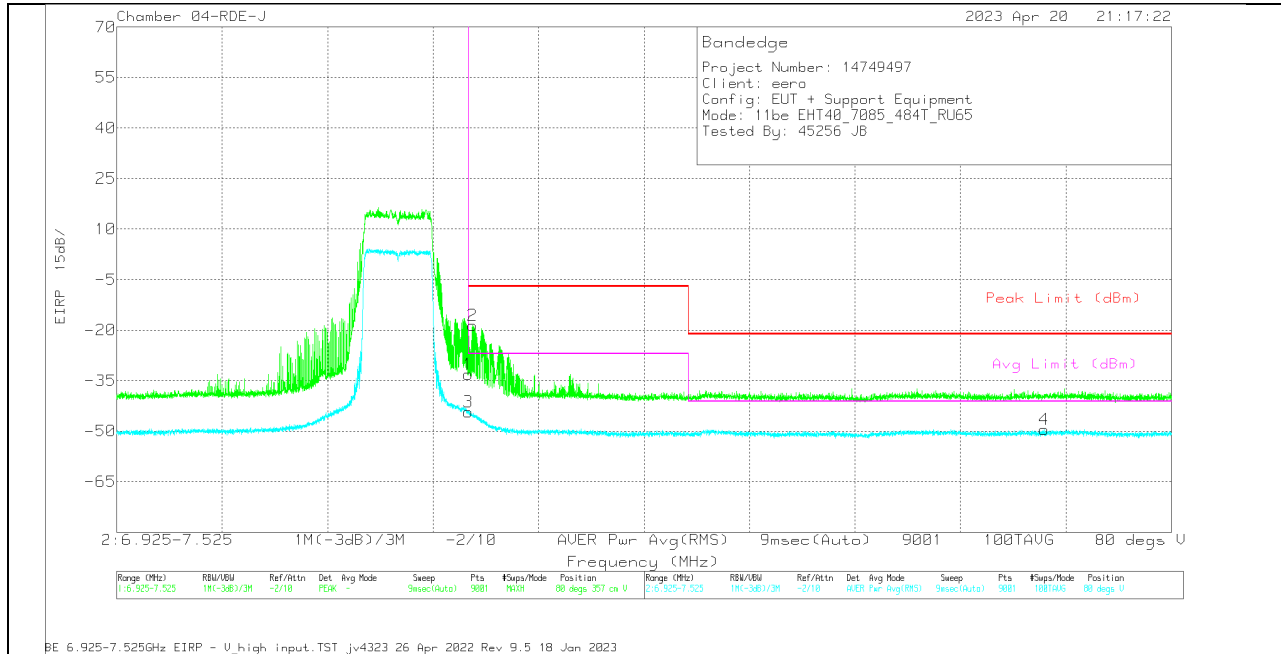


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mHz | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -67.24              | PK  | 35.8                  | -12.7            | 11.8                   | -32.34                 | -7               | -25.34         | -               | -               | 117            | 329         | H        |
| 2      | 7125.468        | -54.55              | PK  | 35.8                  | -12.7            | 11.8                   | -19.65                 | -7               | -12.65         | -               | -               | 117            | 329         | H        |
| 3      | 7125            | -79.88              | RMS | 35.8                  | -12.7            | 11.8                   | -44.98                 | -                | -              | -27             | -17.98          | 117            | 329         | H        |
| 4      | * 7265.135      | -83.91              | RMS | 35.8                  | -12.9            | 11.8                   | -49.21                 | -                | -              | -41.2           | -8.01           | 117            | 329         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -68.08              | PK  | 35.8                 | -12.7            | 11.8                   | -33.18                 | -7               | -26.18         | -               | -               | 80             | 357         | V        |
| 2      | 7127.601        | -53.51              | PK  | 35.8                 | -12.7            | 11.8                   | -18.61                 | -7               | -11.61         | -               | -               | 80             | 357         | V        |
| 3      | 7125            | -79.23              | RMS | 35.8                 | -12.7            | 11.8                   | -44.33                 | -                | -              | -27             | -17.33          | 80             | 357         | V        |
| 4      | * 7452.669      | -84.83              | RMS | 35.8                 | -12.2            | 11.8                   | -49.43                 | -                | -              | -41.2           | -8.23           | 80             | 357         | V        |

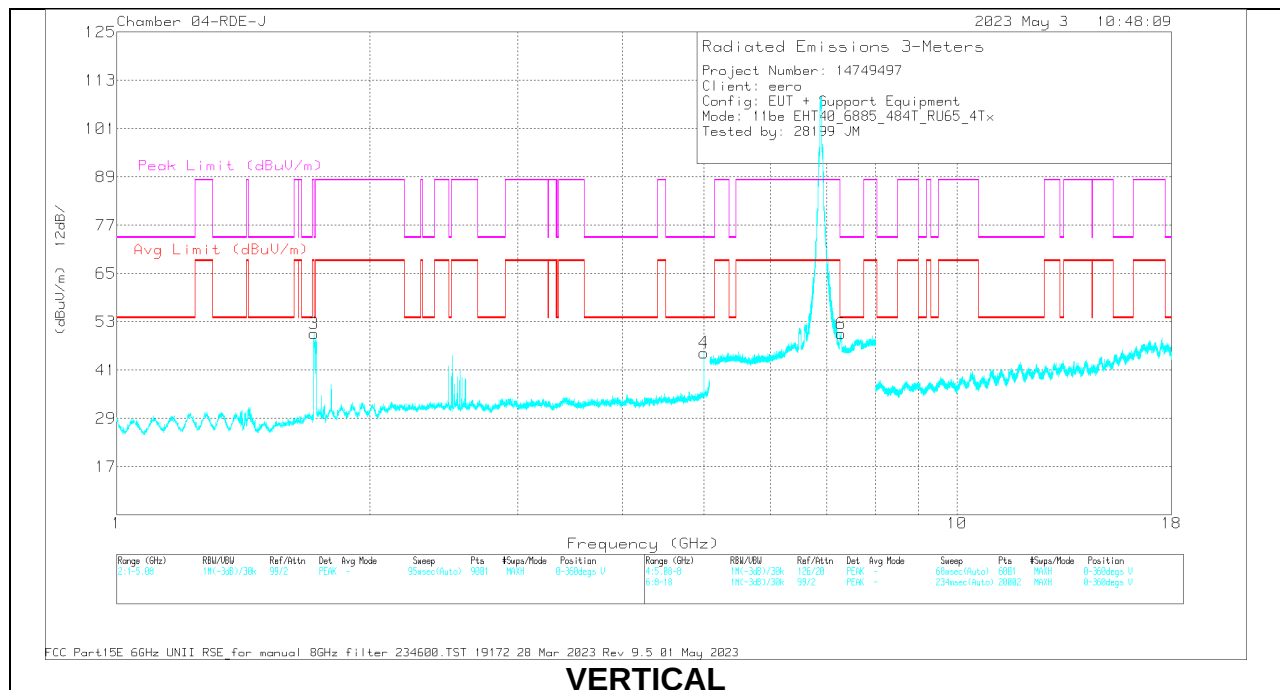
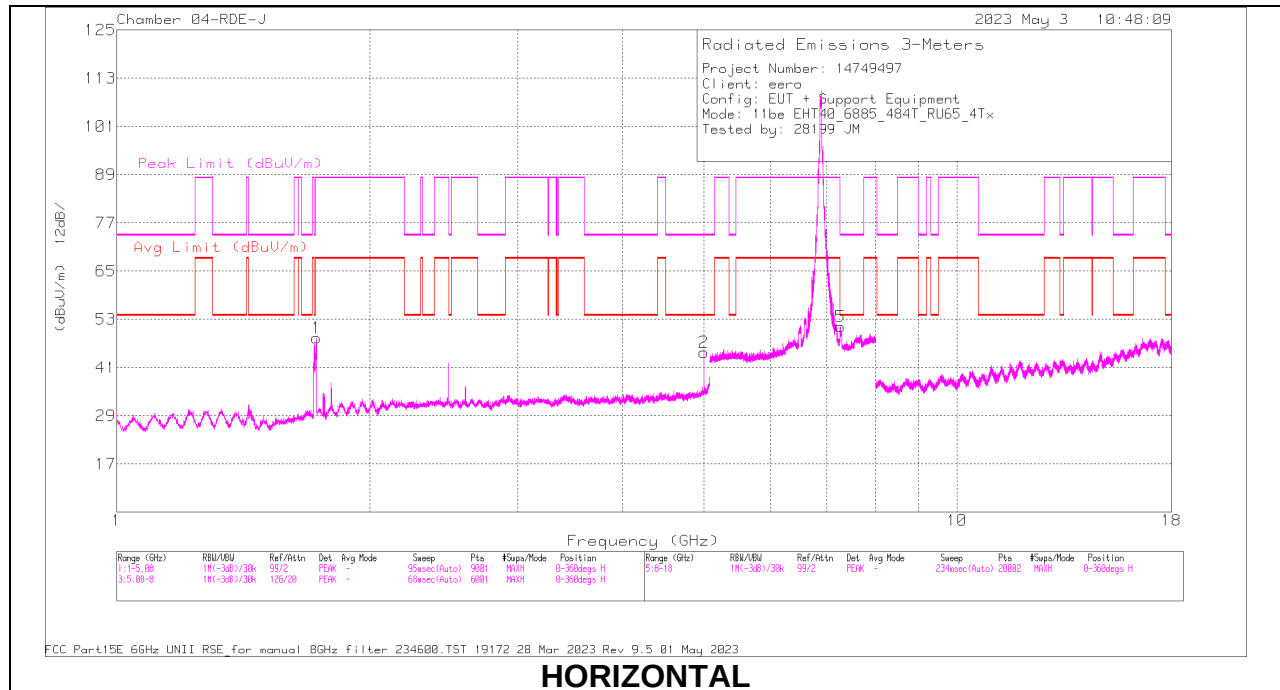
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW STRADDLE



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3mH | Ampl/Cbl/Fitter (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.729103        | 64.25                | PK-U | 29.8                 | -43.3                | 50.75                      | -                  | -           | 88.2                | -37.45         | 233            | 384         | H        |
|        | 1.730113        | 42.19                | ADR  | 29.8                 | -43.4                | 28.59                      | 68.2               | -39.61      | -                   | -              | 233            | 384         | H        |
| 2      | * 4.99985       | 59.27                | PK-U | 34.2                 | -43.1                | 50.37                      | -                  | -           | 74                  | -23.63         | 11             | 261         | H        |
|        | * 5.000045      | 54                   | ADR  | 34.2                 | -43.1                | 45.1                       | 54                 | -8.9        | -                   | -              | 11             | 261         | H        |
| 3      | 1.717813        | 72.73                | PK-U | 29.7                 | -43.4                | 59.03                      | -                  | -           | 88.2                | -29.17         | 125            | 245         | V        |
|        | 1.716032        | 49.35                | ADR  | 29.6                 | -43.3                | 35.65                      | 68.2               | -32.55      | -                   | -              | 125            | 245         | V        |
| 4      | * 4.999842      | 59.85                | PK-U | 34.2                 | -43.1                | 50.95                      | -                  | -           | 74                  | -23.05         | 334            | 197         | V        |
|        | * 5.000064      | 55.25                | ADR  | 34.2                 | -43.1                | 46.35                      | 54                 | -7.65       | -                   | -              | 334            | 197         | V        |
| 5      | * 7.271469      | 56.56                | PK-U | 35.8                 | -31.2                | 61.16                      | -                  | -           | 74                  | -12.84         | 195            | 120         | H        |
|        | * 7.272456      | 44.95                | ADR  | 35.8                 | -31.2                | 49.55                      | 54                 | -4.45       | -                   | -              | 195            | 120         | H        |
| 6      | * 7.277388      | 54.14                | PK-U | 35.8                 | -31                  | 58.94                      | -                  | -           | 74                  | -15.06         | 75             | 377         | V        |
|        | * 7.277011      | 42.75                | ADR  | 35.8                 | -31                  | 47.55                      | 54                 | -6.45       | -                   | -              | 75             | 377         | V        |

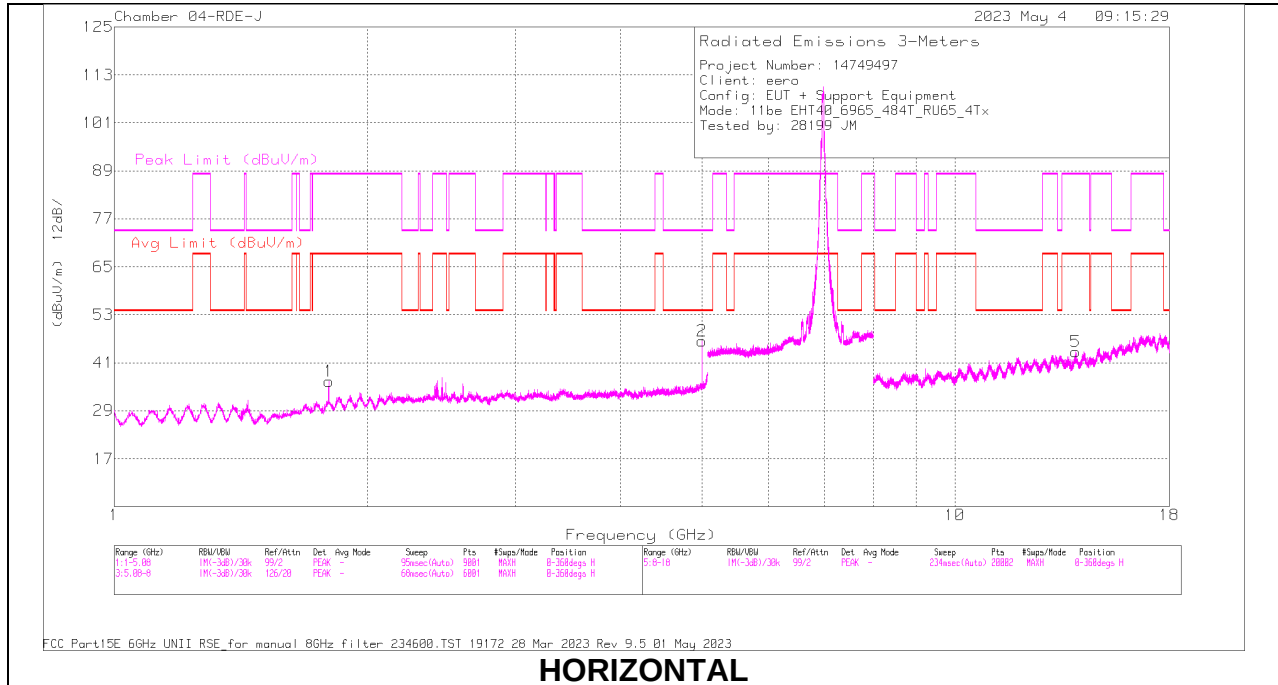
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

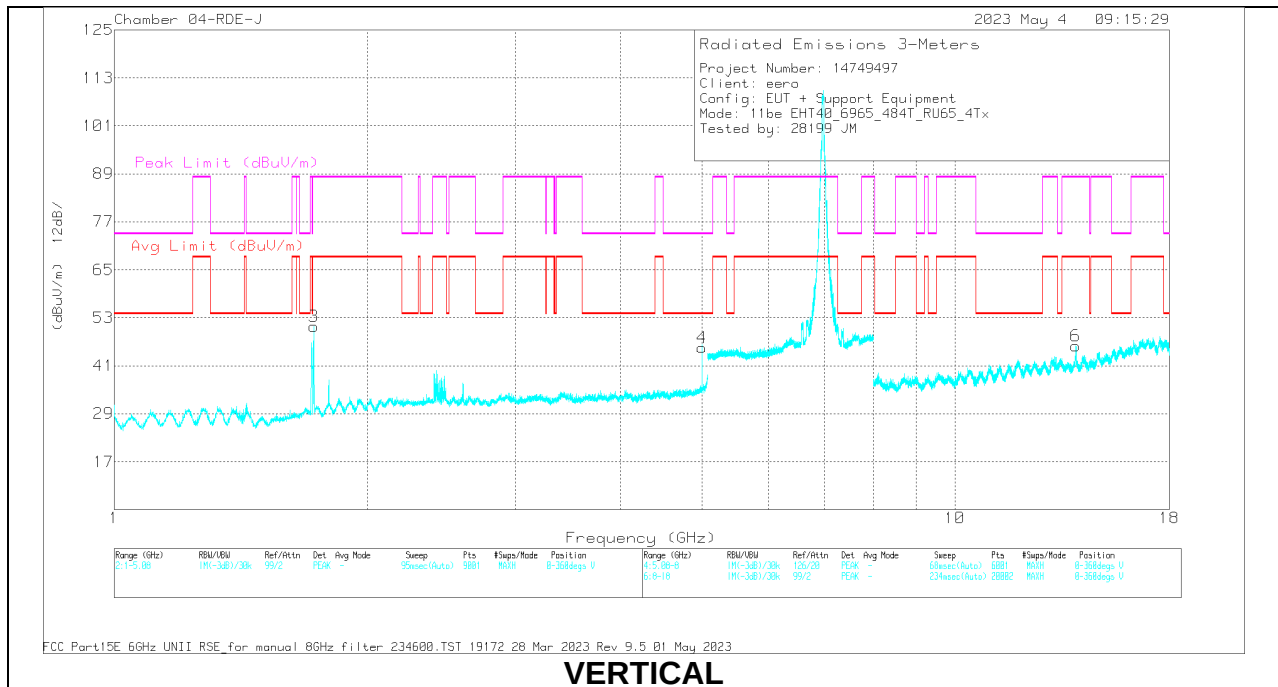
ADR - U-NII AD primary method, RMS average



## MID



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

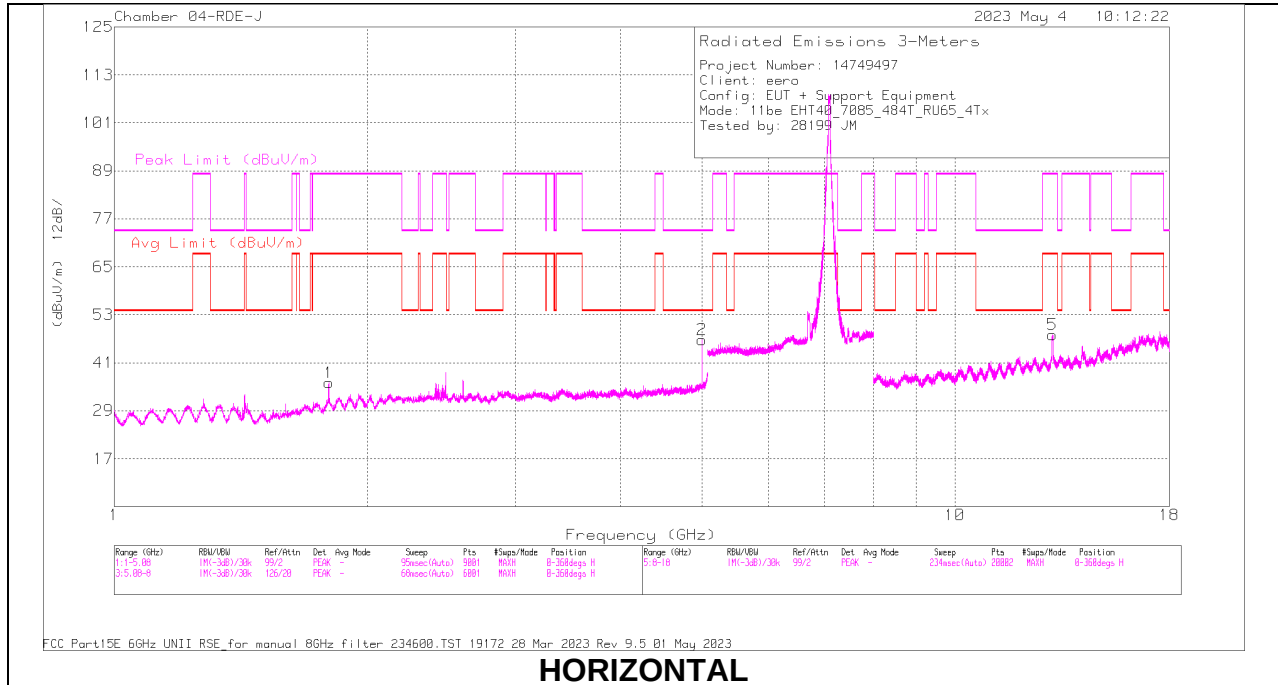
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACP(dB) - 3mH | Amp/Cbl (dB) | 234600 8GHz HPF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|--------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.80033         | 58.06                | PK-U | 30.5                 | -43.9        | -                    | 44.66                      | -                  | -           | 88.2                | -43.54         | 320            | 170         | H        |
|        | 1.800079        | 50.02                | ADR  | 30.5                 | -43.9        | -                    | 36.62                      | 68.2               | -31.58      | -                   | -              | 320            | 170         | H        |
| 2      | * 4.999968      | 60.77                | PK-U | 34.2                 | -43.1        | -                    | 51.87                      | -                  | -           | 74                  | -22.13         | 349            | 138         | H        |
|        | * 5.000121      | 56.31                | ADR  | 34.2                 | -43.1        | -                    | 47.41                      | 54                 | -6.59       | -                   | -              | 349            | 138         | H        |
| 3      | 1.729163        | 54.25                | PK-U | 29.8                 | -43.3        | -                    | 40.75                      | -                  | -           | 88.2                | -47.45         | 93             | 165         | V        |
|        | 1.73039         | 42.35                | ADR  | 29.8                 | -43.4        | -                    | 28.75                      | 68.2               | -39.45      | -                   | -              | 93             | 165         | V        |
| 4      | * 5.000194      | 60.29                | PK-U | 34.2                 | -43.1        | -                    | 51.39                      | -                  | -           | 74                  | -22.61         | 326            | 204         | V        |
|        | * 5.00007       | 55.63                | ADR  | 34.2                 | -43.1        | -                    | 46.73                      | 54                 | -7.27       | -                   | -              | 326            | 204         | V        |
| 5      | 13.918524       | 48.84                | PK-U | 38.9                 | -34.8        | .8                   | 53.74                      | -                  | -           | 88.2                | -34.46         | 157            | 320         | H        |
|        | 13.923064       | 36.73                | ADR  | 38.9                 | -34.9        | .8                   | 41.53                      | 68.2               | -26.67      | -                   | -              | 157            | 320         | H        |
| 6      | 13.93928        | 50.12                | PK-U | 38.9                 | -35.1        | .8                   | 54.72                      | -                  | -           | 88.2                | -33.48         | 165            | 185         | V        |
|        | 13.930861       | 38.34                | ADR  | 38.9                 | -34.8        | .8                   | 43.24                      | 68.2               | -24.96      | -                   | -              | 165            | 185         | V        |

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

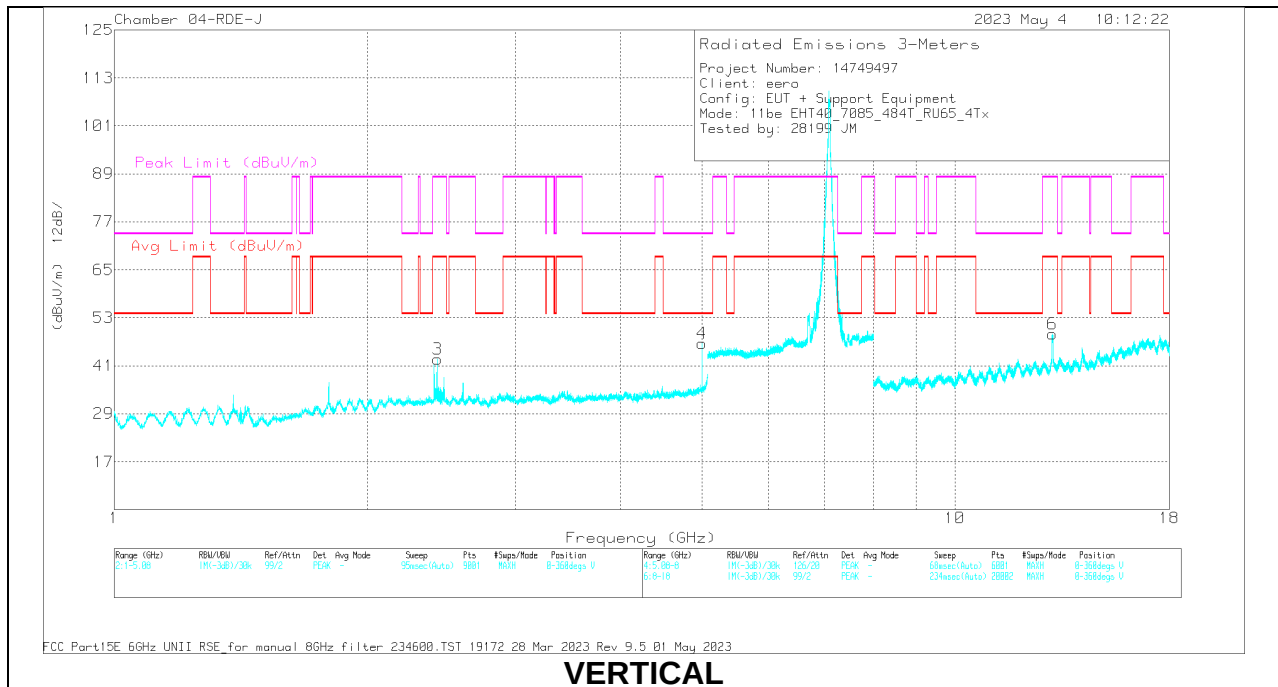
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3mH | Amp/Cbl (dB) | 234600 8GHz HPF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|--------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.800005        | 57.57                | PK-U | 30.5                 | -43.9        | -                    | 44.17                      | -                  | -           | 88.2                | -44.03         | 318            | 177         | H        |
|        | 1.799963        | 49.53                | ADR  | 30.5                 | -43.9        | -                    | 36.13                      | 68.2               | -32.07      | -                   | -              | 318            | 177         | H        |
| 2      | * 5.000084      | 61.33                | PK-U | 34.2                 | -43.1        | -                    | 52.43                      | -                  | -           | 74                  | -21.57         | 347            | 145         | H        |
|        | * 5.000045      | 57                   | ADR  | 34.2                 | -43.1        | -                    | 48.1                       | 54                 | -5.9        | -                   | -              | 347            | 145         | H        |
| 3      | 2.424202        | 60.61                | PK-U | 32.1                 | -45.2        | -                    | 47.51                      | -                  | -           | 88.2                | -40.69         | 0              | 238         | V        |
|        | 2.424662        | 45.03                | ADR  | 32.1                 | -45.1        | -                    | 32.03                      | 68.2               | -36.17      | -                   | -              | 0              | 238         | V        |
| 4      | * 5.000136      | 60.24                | PK-U | 34.2                 | -43.1        | -                    | 51.34                      | -                  | -           | 74                  | -22.66         | 326            | 206         | V        |
|        | * 5.000031      | 55.56                | ADR  | 34.2                 | -43.1        | -                    | 46.66                      | 54                 | -7.34       | -                   | -              | 326            | 206         | V        |
| 5      | 13.073539       | 55.5                 | PK-U | 38.8                 | -37.4        | .9                   | 57.8                       | -                  | -           | 88.2                | -30.4          | 184            | 107         | H        |
|        | 13.065129       | 43.97                | ADR  | 38.8                 | -37.3        | .9                   | 46.37                      | 68.2               | -21.83      | -                   | -              | 184            | 107         | H        |
| 6      | 13.076707       | 54.81                | PK-U | 38.8                 | -37.4        | .9                   | 57.11                      | -                  | -           | 88.2                | -31.09         | 11             | 124         | V        |
|        | 13.057269       | 43.95                | ADR  | 38.8                 | -37.3        | .9                   | 46.35                      | 68.2               | -21.85      | -                   | -              | 11             | 124         | V        |

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

PK-U - U-NII: Maximum Peak

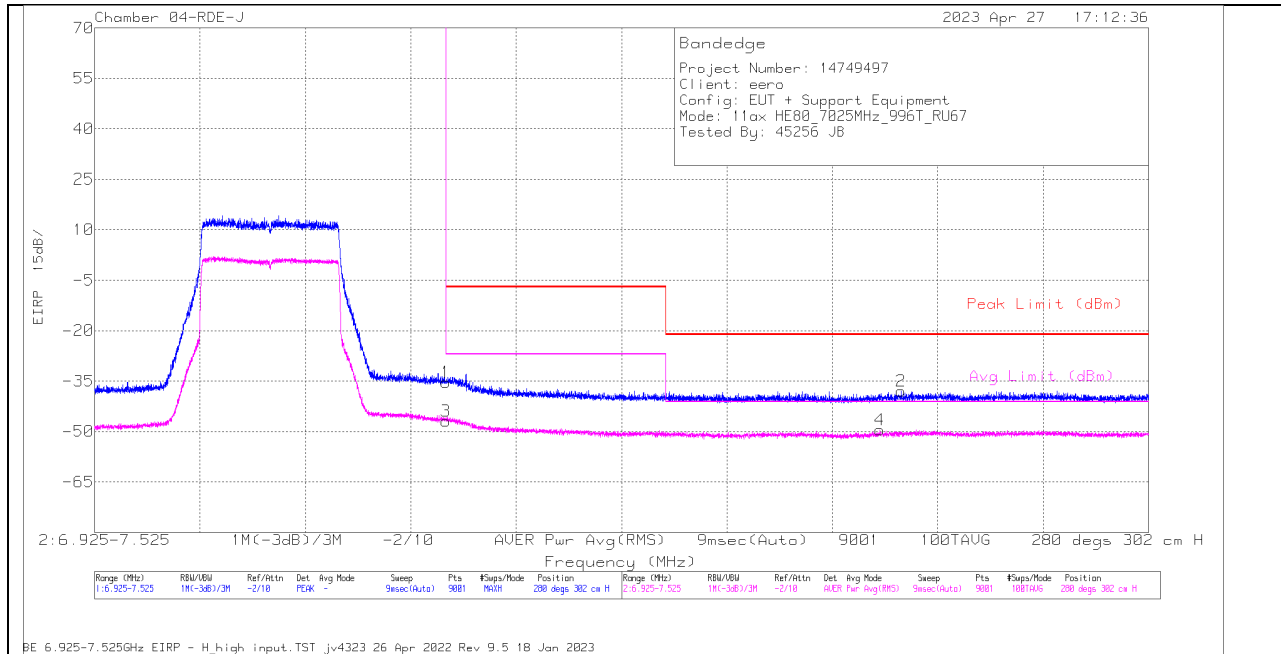
ADR - U-NII AD primary method, RMS average

## 10.1.24. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 996-Tones, RU 67

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

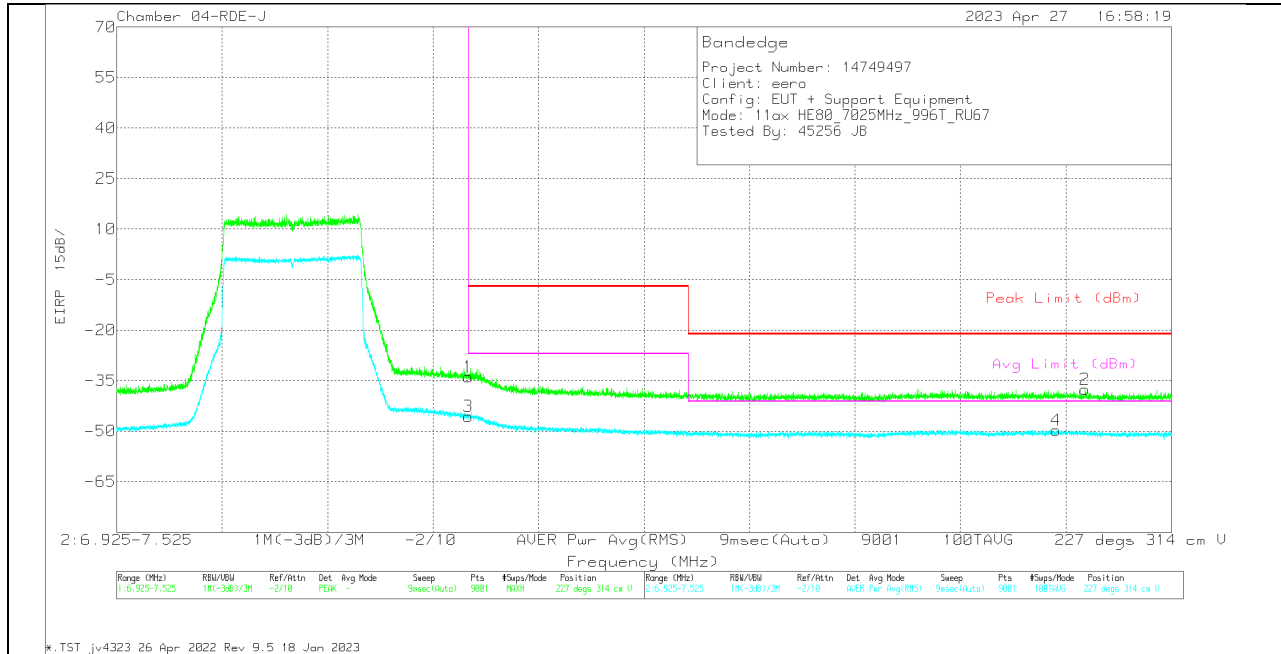


### Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -70.18              | Pk  | 35.8                 | -12.7            | 11.8                   | -35.28                 | -7               | -28.28         | -               | -               | 280            | 302         | H        |
| 2      | * 7384.269      | -73.8               | Pk  | 35.9                 | -11.9            | 11.8                   | -38                    | -21.2            | -16.8          | -               | -               | 280            | 302         | H        |
| 3      | 7125            | -81.76              | RMS | 35.8                 | -12.7            | 11.8                   | -46.86                 | -                | -              | -27             | -19.86          | 280            | 302         | H        |
| 4      | * 7372.202      | -85.17              | RMS | 35.8                 | -12              | 11.8                   | -49.57                 | -                | -              | -41.2           | -8.37           | 280            | 302         | H        |

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

## VERTICAL RESULT



## Trace Markers

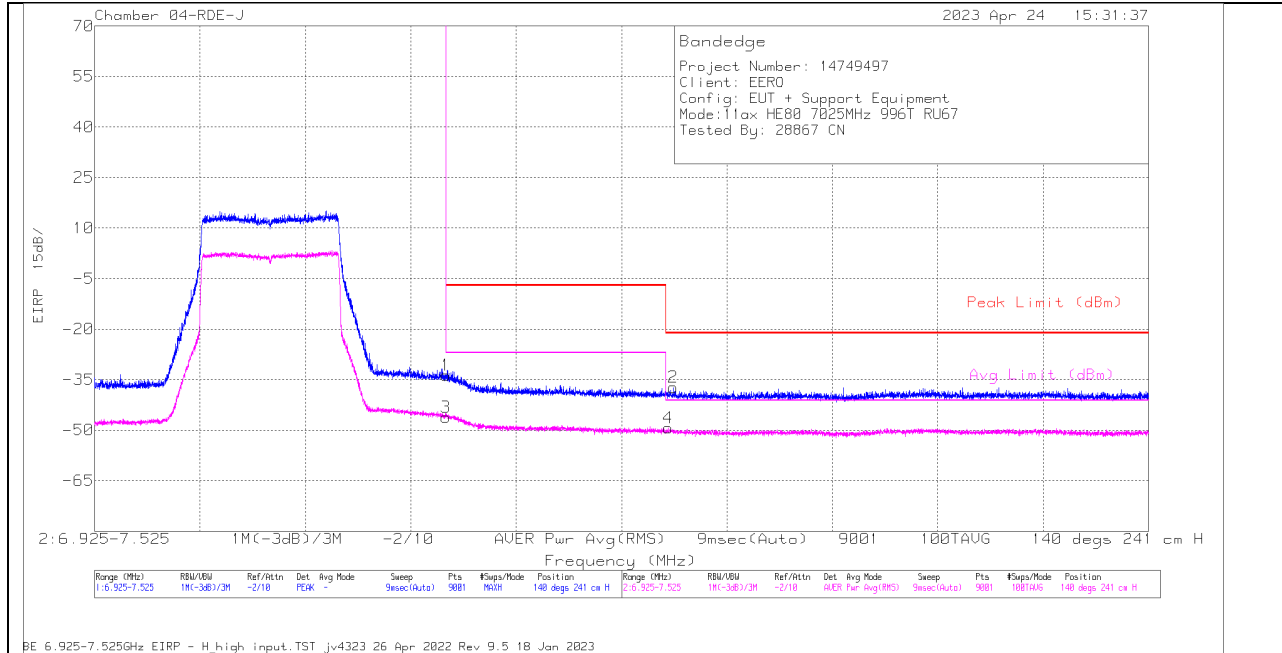
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -68.84              | PK  | 35.8                 | -12.7            | 11.8                   | -33.94                 | -7               | -26.94         | -               | -               | 227            | 314         | V        |
| 2      | * 7475.936      | -72.85              | PK  | 35.8                 | -12.3            | 11.8                   | -37.55                 | -21.2            | -16.35         | -               | -               | 227            | 314         | V        |
| 3      | 7125            | -80.58              | RMS | 35.8                 | -12.7            | 11.8                   | -45.68                 | -                | -              | -27             | -18.68          | 227            | 314         | V        |
| 4      | * 7459.269      | -85.03              | RMS | 35.8                 | -12.2            | 11.8                   | -49.63                 | -                | -              | -41.2           | -8.43           | 227            | 314         | V        |

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

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 996-Tones, RU 67**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

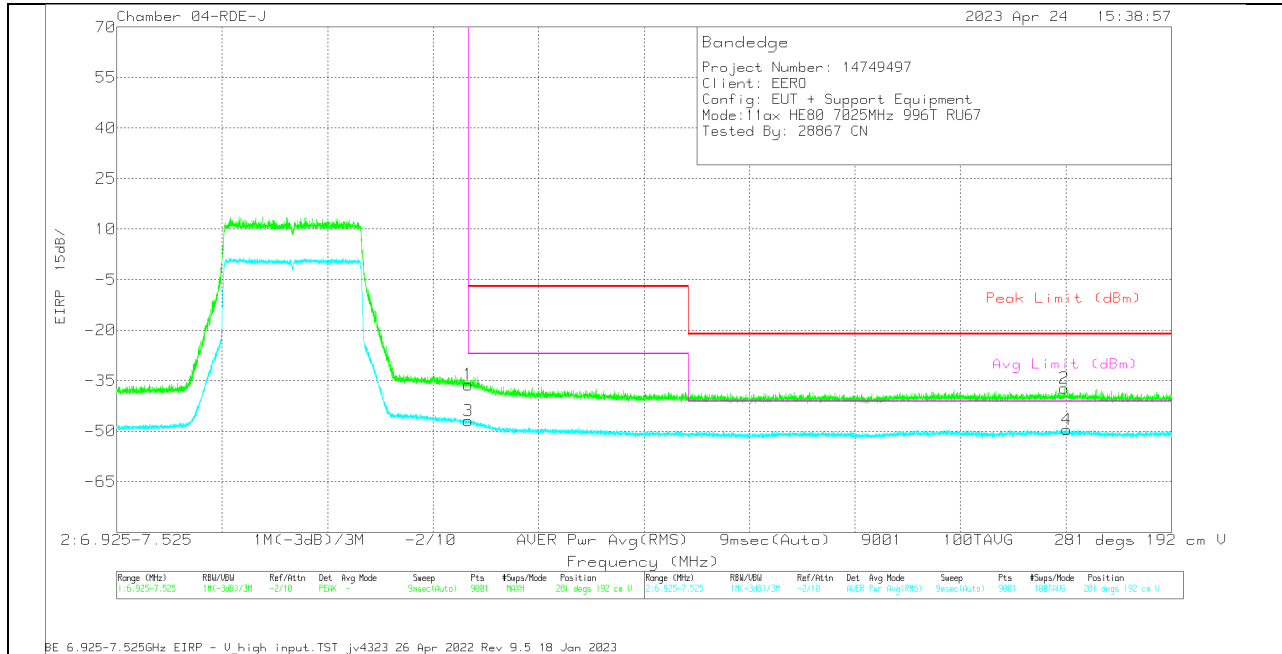


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -68.65              | PK  | 35.8                 | -12.7            | 11.8                   | -33.75                 | -7               | -26.75         | -               | -               | 140            | 241         | H        |
| 2      | *7264.335       | -72.01              | PK  | 35.8                 | -12.9            | 11.8                   | -37.31                 | -21.2            | -16.11         | -               | -               | 140            | 241         | H        |
| 3      | 7125            | -81.08              | RMS | 35.8                 | -12.7            | 11.8                   | -46.18                 | -                | -              | -27             | -19.18          | 140            | 241         | H        |
| 4      | *7251.468       | -83.97              | RMS | 35.8                 | -12.9            | 11.8                   | -49.27                 | -                | -              | -41.2           | -8.07           | 140            | 241         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -71.09              | PK  | 35.8                 | -12.7            | 11.8                   | -36.19                 | -7               | -29.19         | -               | -               | 281            | 192         | V        |
| 2      | * 7463.936      | -72.74              | PK  | 35.8                 | -12.1            | 11.8                   | -37.24                 | -21.2            | -16.04         | -               | -               | 281            | 192         | V        |
| 3      | 7125            | -81.89              | RMS | 35.8                 | -12.7            | 11.8                   | -46.99                 | -                | -              | -27             | -19.99          | 281            | 192         | V        |
| 4      | * 7465.469      | -85.08              | RMS | 35.8                 | -12.1            | 11.8                   | -49.58                 | -                | -              | -41.2           | -8.38           | 281            | 192         | V        |

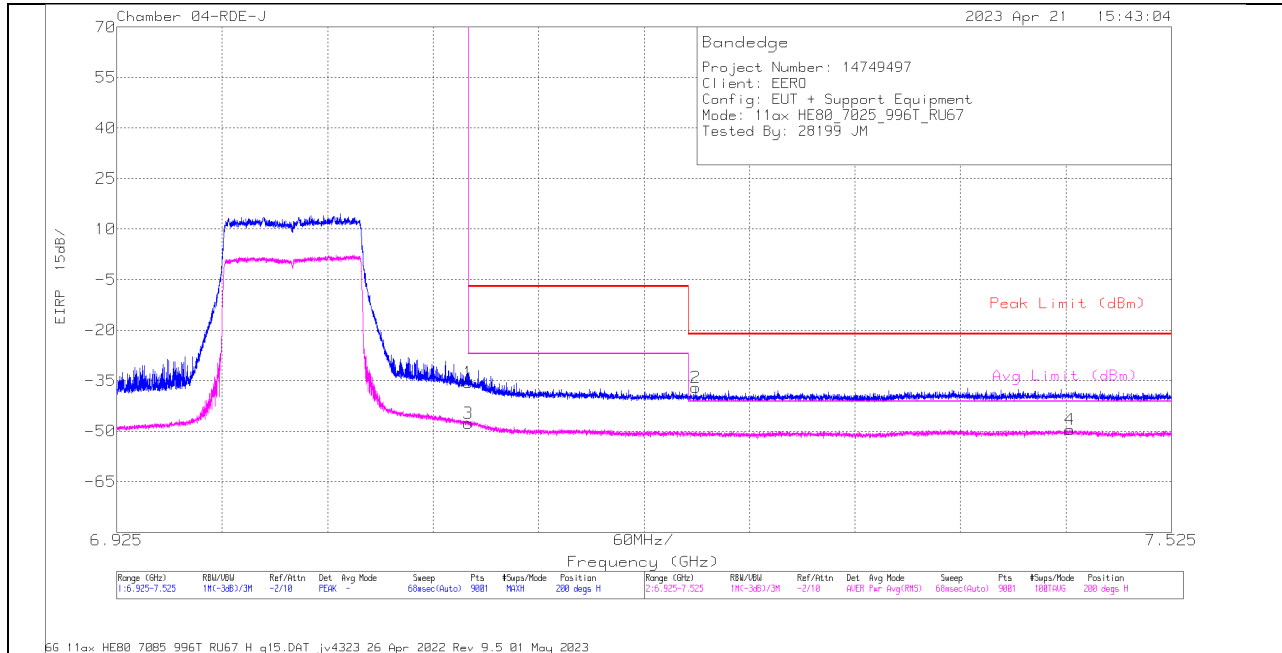
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection



**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 996-Tones, RU 67**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

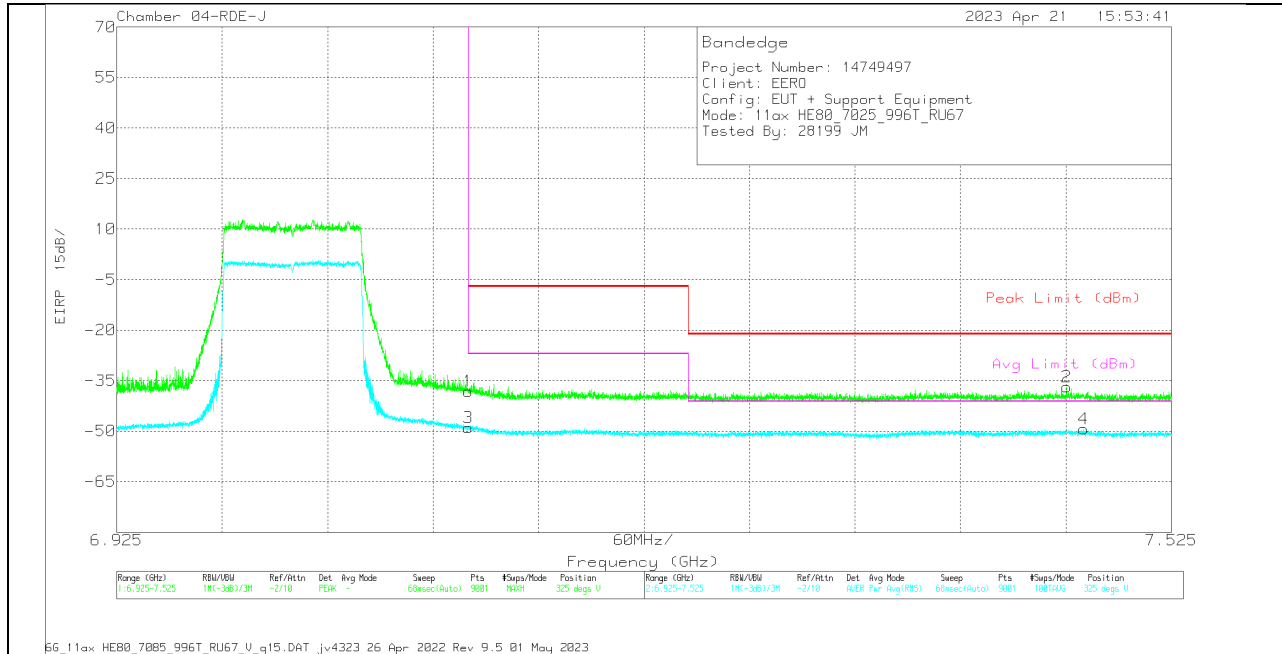


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mHz | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -70.37              | PK  | 35.8                  | -12.7            | 11.8                   | -35.47                 | -7               | -28.47         | -               | -               | 200            | 165         | H        |
| 2      | * 7254.402      | -71.69              | PK  | 35.8                  | -12.9            | 11.8                   | -36.99                 | -21.2            | -15.79         | -               | -               | 200            | 165         | H        |
| 3      | 7125            | -82.51              | RMS | 35.8                  | -12.7            | 11.8                   | -47.61                 | -                | -              | -27             | -20.61          | 200            | 165         | H        |
| 4      | * 7467.136      | -85                 | RMS | 35.8                  | -12.1            | 11.8                   | -49.5                  | -                | -              | -41.2           | -8.3            | 200            | 165         | H        |

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

## VERTICAL RESULT



## Trace Markers

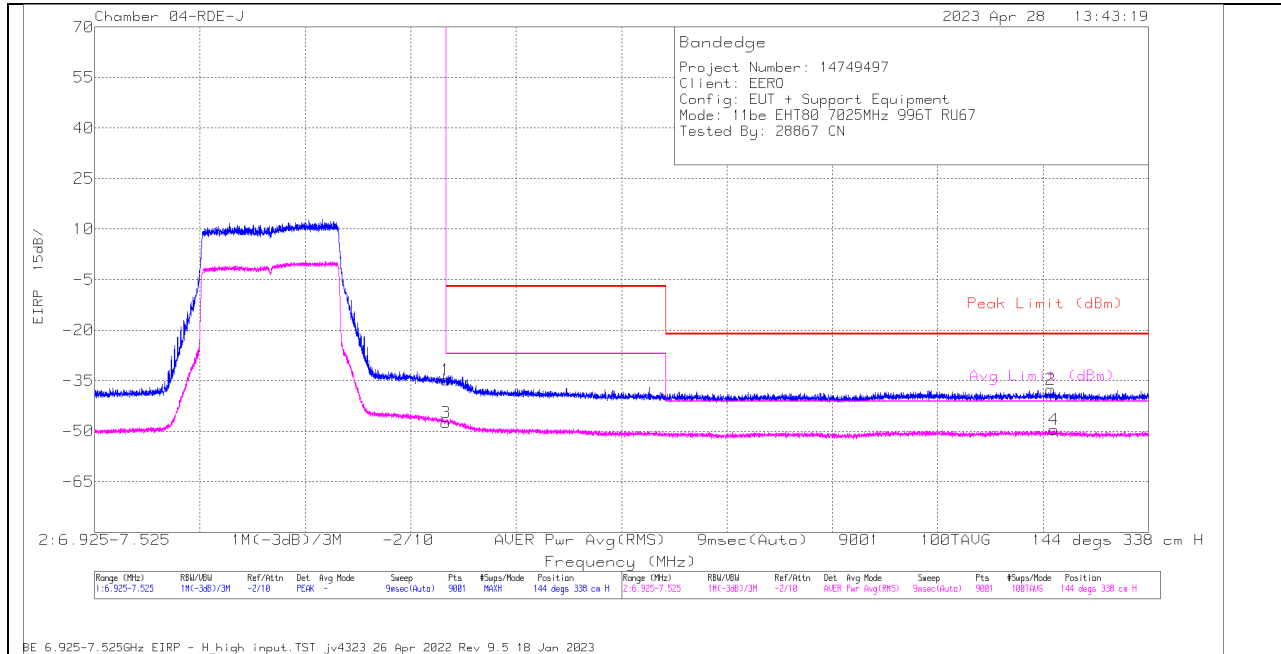
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -73.09              | PK  | 35.8                 | -12.7            | 11.8                   | -38.19                 | -7               | -31.19         | -               | -               | 325            | 238         | V        |
| 2      | * 7465.469      | -72.3               | PK  | 35.8                 | -12.1            | 11.8                   | -36.8                  | -21.2            | -15.6          | -               | -               | 325            | 238         | V        |
| 3      | 7125            | -83.82              | RMS | 35.8                 | -12.7            | 11.8                   | -48.92                 | -                | -              | -27             | -21.92          | 325            | 238         | V        |
| 4      | * 7474.936      | -84.66              | RMS | 35.8                 | -12.2            | 11.8                   | -49.26                 | -                | -              | -41.2           | -8.06           | 325            | 238         | V        |

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

## 10.1.25. TX ABOVE 1 GHz 802.11be EHT80 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 996-Tones, RU 67 BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

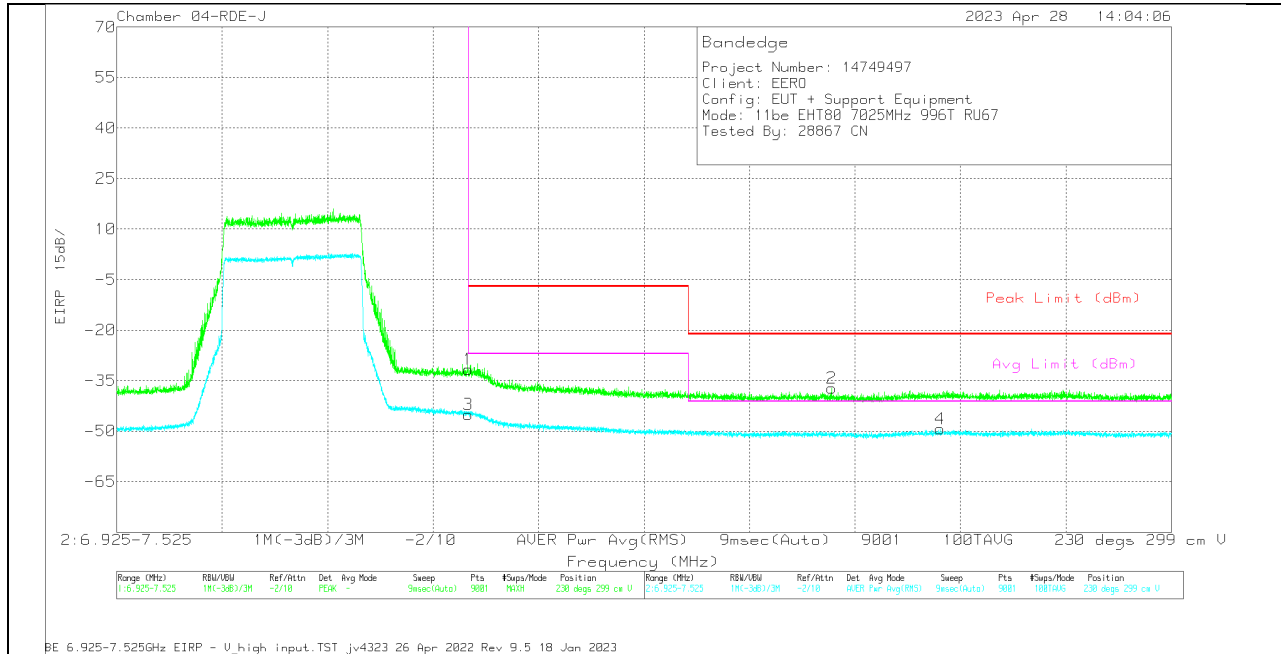
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) -3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -69.7               | Pk  | 35.8                | -12.7            | 11.8                   | -34.8                  | -7               | -27.8          | -               | -               | 144            | 338         | H        |
| 2      | *7469.269       | -73.08              | Pk  | 35.8                | -12.1            | 11.8                   | -37.58                 | -21.2            | -16.38         | -               | -               | 144            | 338         | H        |
| 3      | 7125            | -82.38              | RMS | 35.8                | -12.7            | 11.8                   | -47.48                 | -                | -              | -27             | -20.48          | 144            | 338         | H        |
| 4      | *7471.269       | -84.85              | RMS | 35.8                | -12.2            | 11.8                   | -49.45                 | -                | -              | -41.2           | -8.25           | 144            | 338         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



### Trace Markers

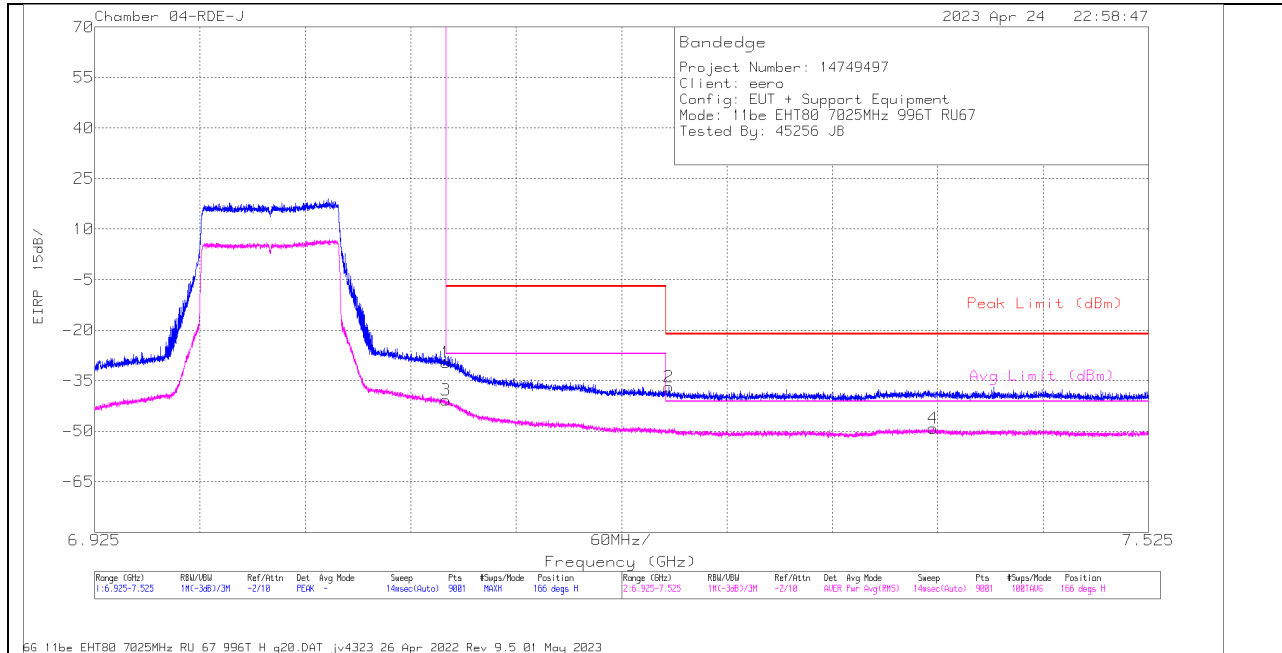
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -66.56              | Pk  | 35.8                 | -12.7            | 11.8                   | -31.66                 | -7               | -24.66         | -               | -               | 230            | 299         | V        |
| 2      | *7331.669       | -72.56              | Pk  | 35.8                 | -12.3            | 11.8                   | -37.26                 | -21.2            | -16.06         | -               | -               | 230            | 299         | V        |
| 3      | 7125            | -80.01              | RMS | 35.8                 | -12.7            | 11.8                   | -45.11                 | -                | -              | -27             | -18.11          | 230            | 299         | V        |
| 4      | *7393.469       | -85.07              | RMS | 35.8                 | -11.9            | 11.8                   | -49.37                 | -                | -              | -41.2           | -8.17           | 230            | 299         | V        |

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

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 996-Tones, RU 67**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

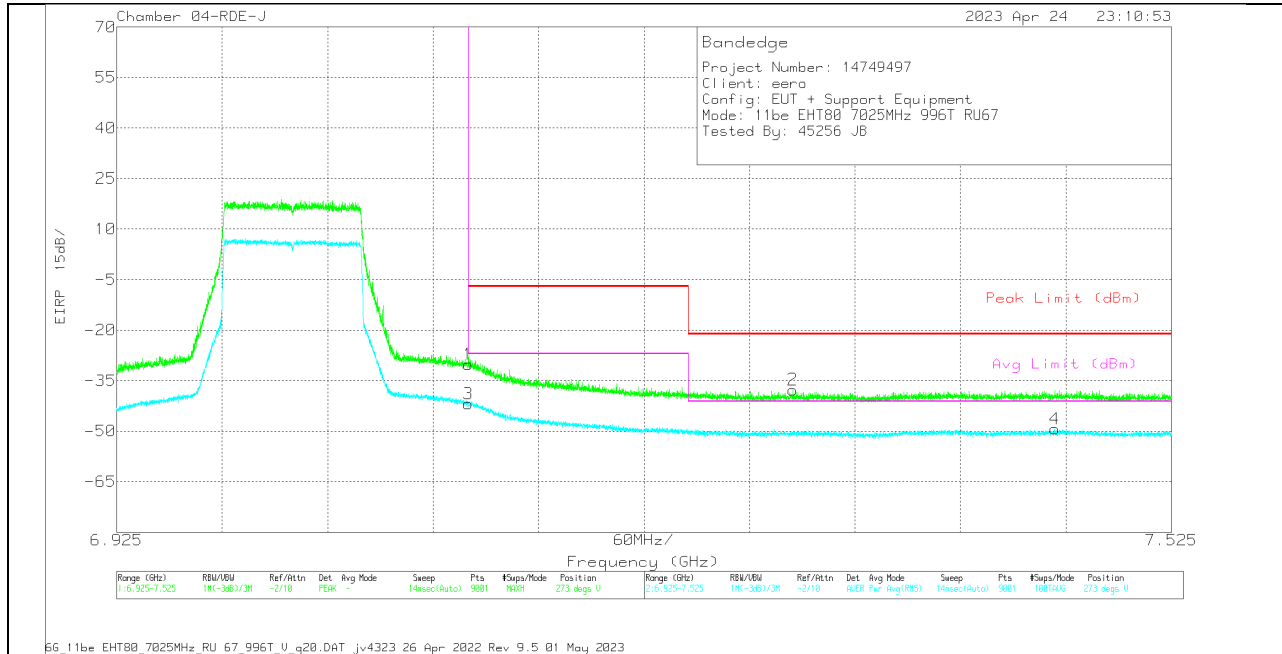


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) -3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -64.51              | PK  | 35.8                | -12.7            | 11.8                   | -29.61                 | -7               | -22.61         | -               | -               | 166            | 254         | H        |
| 2      | * 7251.868      | -71.59              | PK  | 35.8                | -12.9            | 11.8                   | -36.89                 | -21.2            | -15.69         | -               | -               | 166            | 254         | H        |
| 3      | 7125            | -75.68              | RMS | 35.8                | -12.7            | 11.8                   | -40.78                 | -                | -              | -27             | -13.78          | 166            | 254         | H        |
| 4      | * 7402.469      | -84.76              | RMS | 35.8                | -11.9            | 11.8                   | -49.06                 | -                | -              | -41.2           | -7.86           | 166            | 254         | H        |

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

## VERTICAL RESULT



## Trace Markers

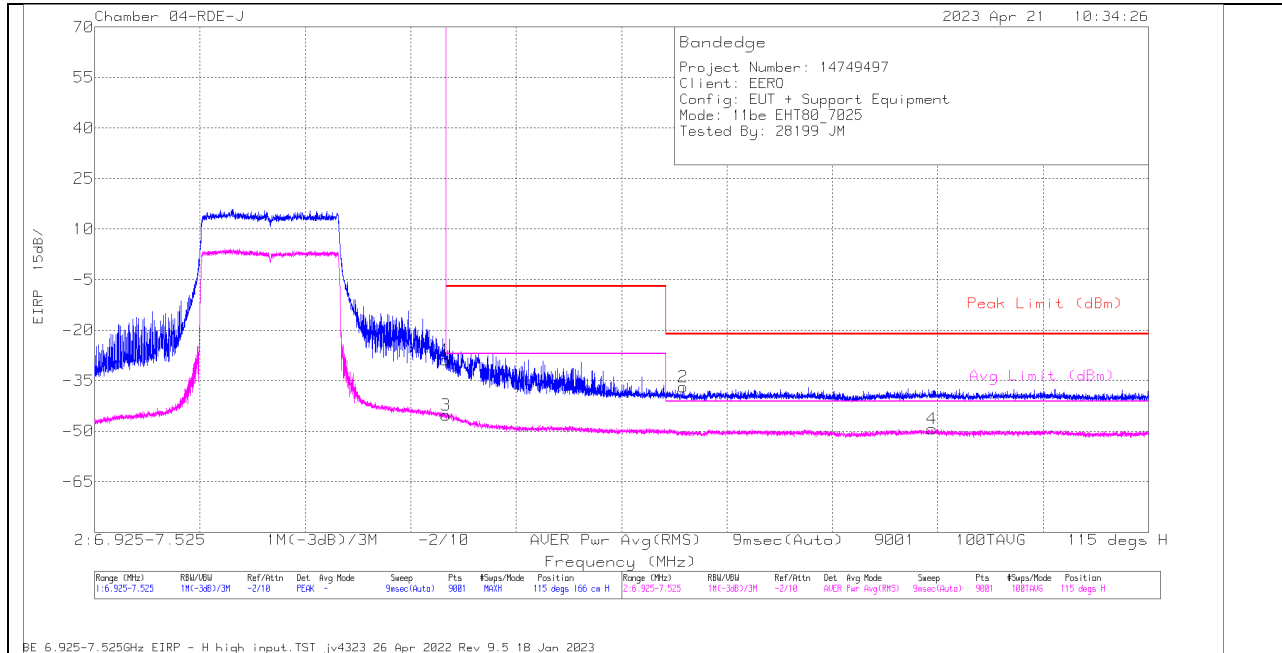
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF (dB) - 3mH | Amp/Chl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|-----------------|-------------|----------|
| 1      | 7125            | -35                 | PK  | 35.8                  | -12.7            | 11.8                   | -30.1                  | -7               | -23.1          | -               | -               | 273             | 249         | V        |
| 2      | * 7309.602      | -72.79              | PK  | 35.8                  | -12.5            | 11.8                   | -37.69                 | -21.2            | -16.49         | -               | -               | 273             | 249         | V        |
| 3      | 7125            | -76.83              | RMS | 35.8                  | -12.7            | 11.8                   | -41.93                 | -                | -              | -27             | -14.93          | 273             | 249         | V        |
| 4      | * 7458.603      | -84.79              | RMS | 35.8                  | -12.2            | 11.8                   | -49.39                 | -                | -              | -41.2           | -8.19           | 273             | 249         | V        |

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

**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 996-Tones, RU 67**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

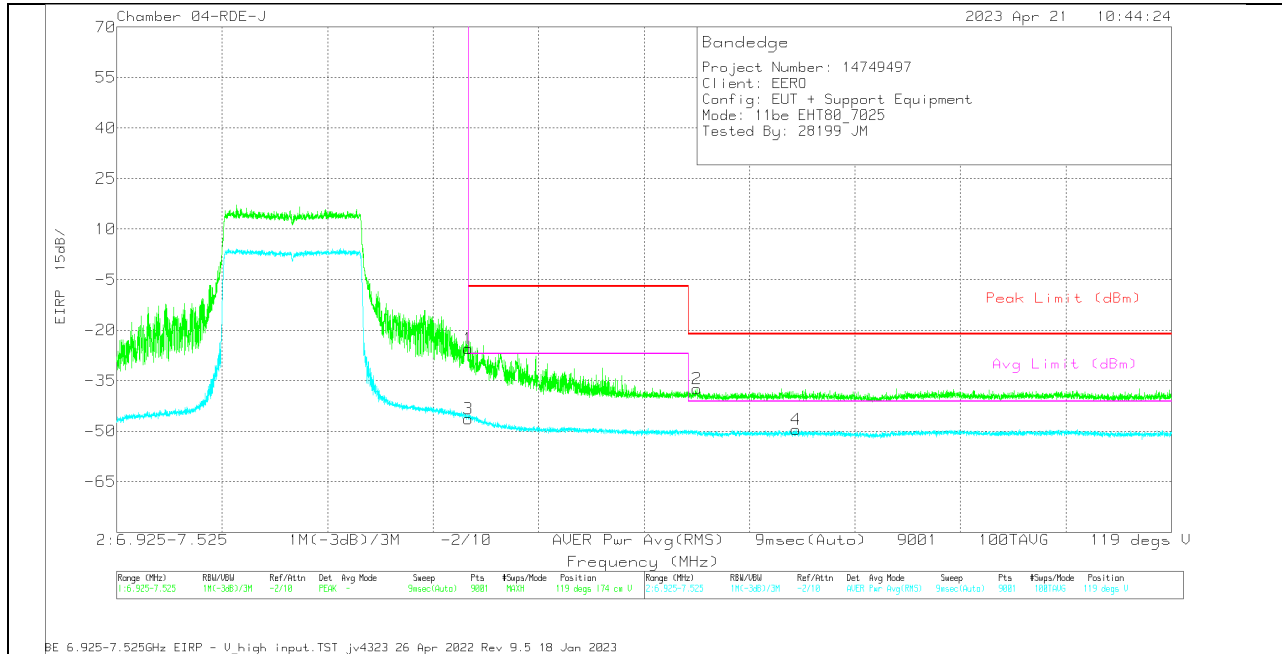
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|-----------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -63.71              | Pk  | 35.8                 | -12.7            | 11.8                   | 0         | -28.81                 | -7               | -21.81         | -               | -               | 115            | 166         | H        |
| 2      | * 7259.935      | -71.5               | Pk  | 35.8                 | -12.9            | 11.8                   | 0         | -36.8                  | -21.2            | -15.6          | -               | -               | 115            | 166         | H        |
| 3      | 7125            | -80.18              | RMS | 35.8                 | -12.7            | 11.8                   | 0         | -45.28                 | -                | -              | -27             | -18.28          | 115            | 166         | H        |
| 4      | * 7401.802      | -84.96              | RMS | 35.8                 | -11.9            | 11.8                   | 0         | -49.26                 | -                | -              | -41.2           | -8.06           | 115            | 166         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -60.4               | PK  | 35.8                 | -12.7            | 11.8                   | -25.5                  | -7               | -18.5          | -               | -               | 119            | 174         | V        |
| 2      | * 7255.068      | -72.04              | PK  | 35.8                 | -12.9            | 11.8                   | -37.34                 | -21.2            | -16.14         | -               | -               | 119            | 174         | V        |
| 3      | 7125            | -81.27              | RMS | 35.8                 | -12.7            | 11.8                   | -46.37                 | -                | -              | -27             | -19.37          | 119            | 174         | V        |
| 4      | * 7311.469      | -84.64              | RMS | 35.8                 | -12.5            | 11.8                   | -49.54                 | -                | -              | -41.2           | -8.34           | 119            | 174         | V        |

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

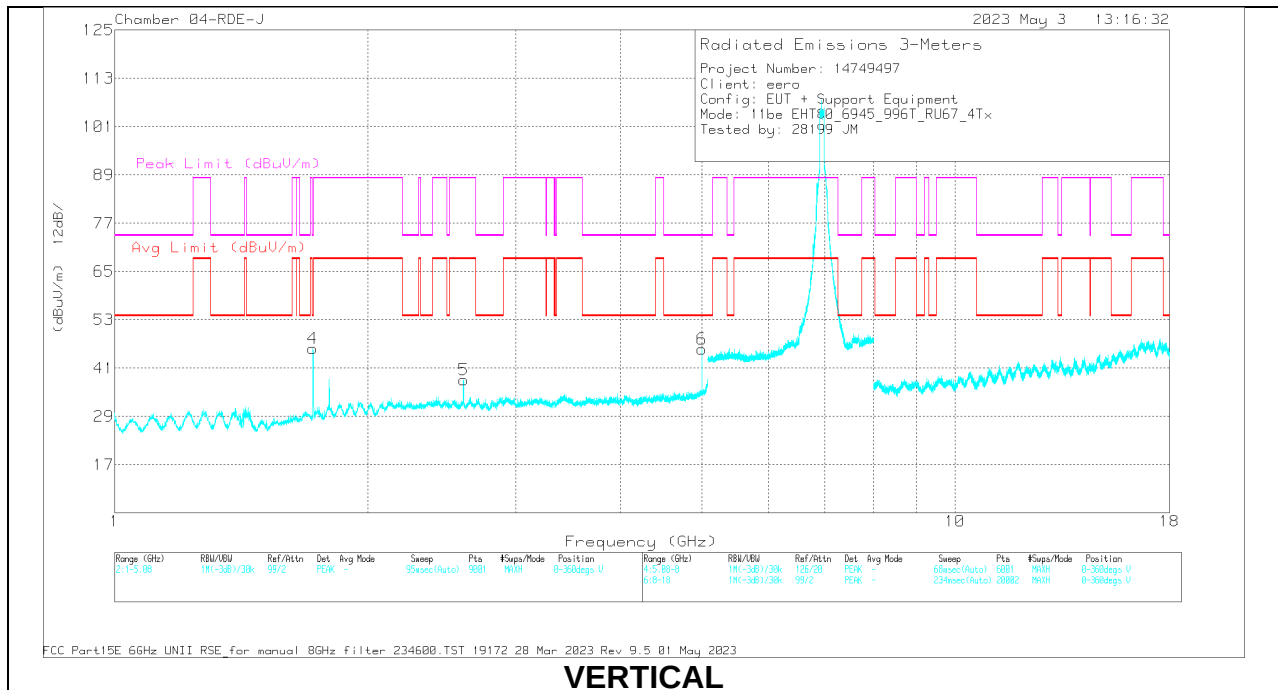
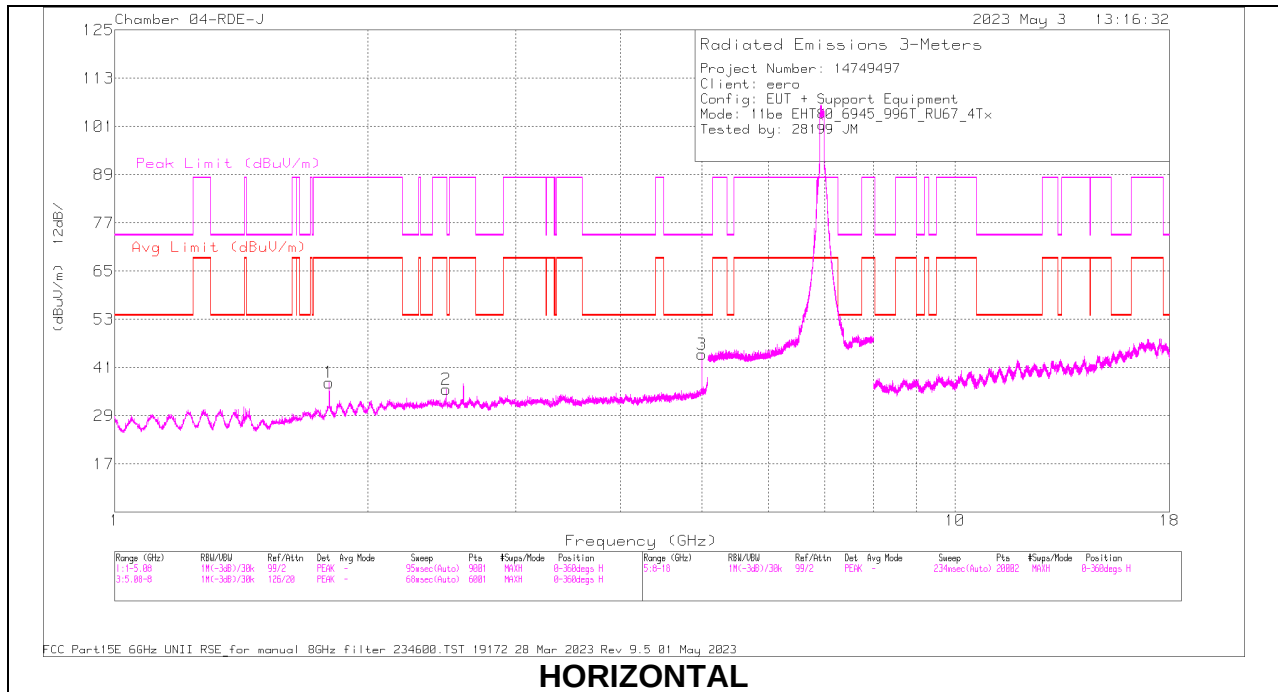
PK - Peak detector

RMS - RMS detection



## HARMONICS AND SPURIOUS EMISSIONS

### LOW



## RADIATED EMISSIONS

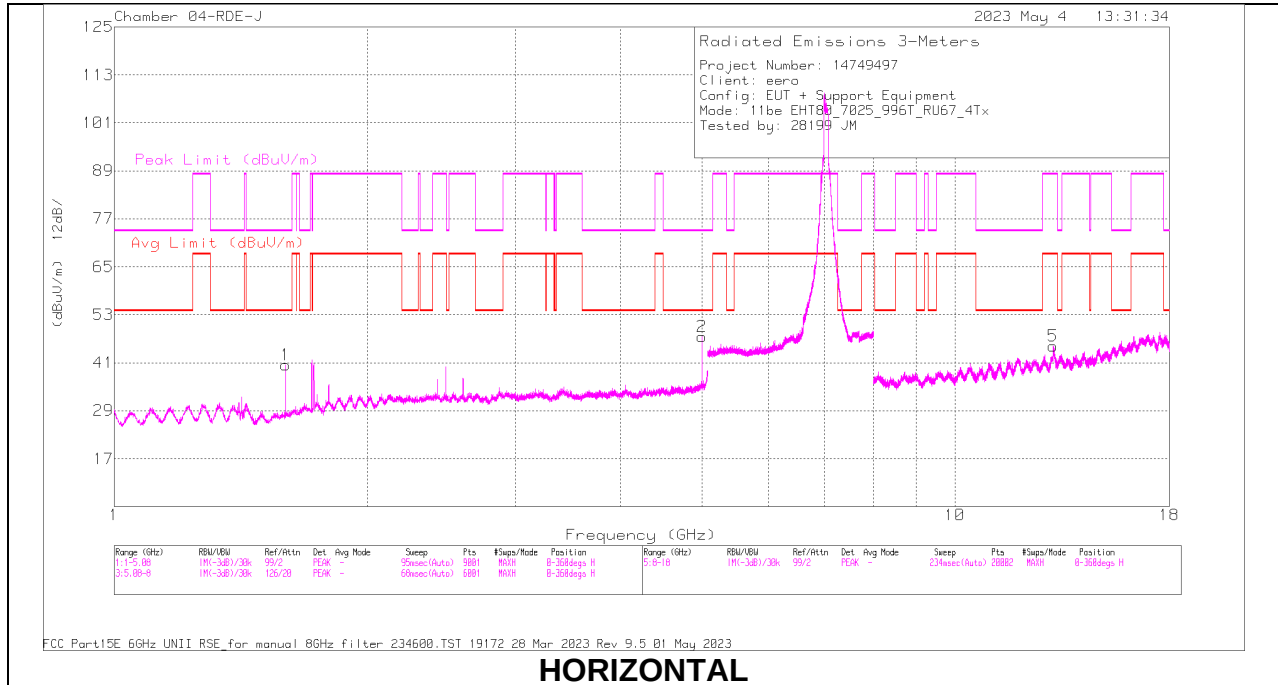
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3mH | Amp/Cbl/Fitr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|-------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.79995         | 57.98                | PK-U | 30.5                 | -43.9             | 44.58                      | -                  | -           | 88.2                | -43.62         | 339            | 223         | H        |
|        | 1.799956        | 50.17                | ADR  | 30.5                 | -43.9             | 36.77                      | 68.2               | -31.43      | -                   | -              | 339            | 223         | H        |
| 2      | * 2.49907       | 60.09                | PK-U | 32.3                 | -44.9             | 47.49                      | -                  | -           | 74                  | -26.51         | 135            | 142         | H        |
|        | * 2.483763      | 43.95                | ADR  | 32.3                 | -45               | 31.25                      | 54                 | -22.75      | -                   | -              | 135            | 142         | H        |
| 3      | * 4.999814      | 59.61                | PK-U | 34.2                 | -43.1             | 50.71                      | -                  | -           | 74                  | -23.29         | 9              | 231         | H        |
|        | * 5.000043      | 54.3                 | ADR  | 34.2                 | -43.1             | 45.4                       | 54                 | -8.6        | -                   | -              | 9              | 231         | H        |
| 4      | * 1.718869      | 60.68                | PK-U | 29.7                 | -43.3             | 47.08                      | -                  | -           | 74                  | -26.92         | 102            | 353         | V        |
|        | * 1.720552      | 41.47                | ADR  | 29.7                 | -43.1             | 28.07                      | 54                 | -25.93      | -                   | -              | 102            | 353         | V        |
| 5      | 2.600095        | 59.42                | PK-U | 32.3                 | -45.5             | 46.22                      | -                  | -           | 88.2                | -41.98         | 355            | 220         | V        |
|        | 2.599969        | 51.18                | ADR  | 32.3                 | -45.5             | 37.98                      | 68.2               | -30.22      | -                   | -              | 355            | 220         | V        |
| 6      | * 4.999991      | 59.79                | PK-U | 34.2                 | -43.1             | 50.89                      | -                  | -           | 74                  | -23.11         | 338            | 184         | V        |
|        | * 5.000053      | 54.28                | ADR  | 34.2                 | -43.1             | 45.38                      | 54                 | -8.62       | -                   | -              | 338            | 184         | V        |

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

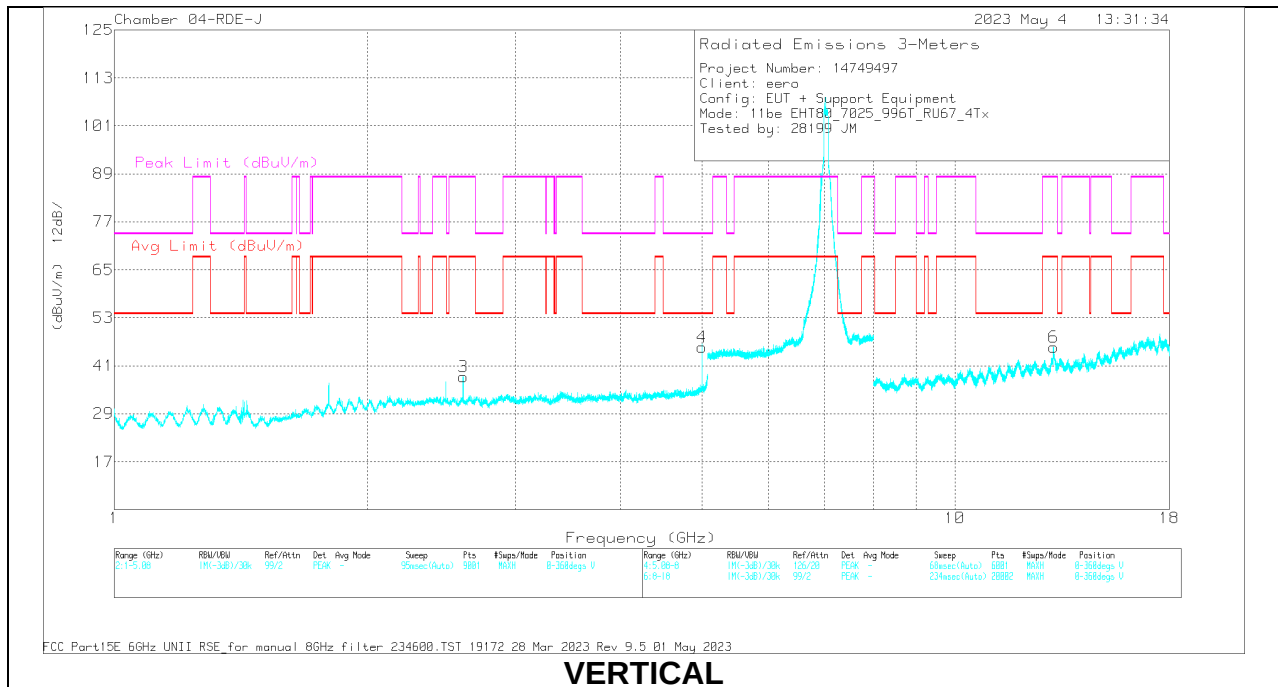
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH



## HORIZONTAL



## VERTICAL

## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACP(dB) - 3mH | Amp/Cbl (dB) | 234600 8GHz HPF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|--------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.597922      | 61.1                 | PK-U | 27.8                 | -42.9        | -                    | -46                        | -                  | -           | 74                  | -28            | 8              | 322         | H        |
|        | * 1.599886      | 43.63                | ADR  | 27.8                 | -43.1        | -                    | 28.33                      | 54                 | -25.67      | -                   | -              | 8              | 322         | H        |
|        | * 4.999984      | 61.26                | PK-U | 34.2                 | -43.1        | -                    | 52.36                      | -                  | -           | 74                  | -21.64         | 347            | 130         | H        |
| 2      | * 5.000092      | 57.01                | ADR  | 34.2                 | -43.1        | -                    | 48.11                      | 54                 | -5.89       | -                   | -              | 347            | 130         | H        |
|        | 2.600081        | 58.85                | PK-U | 32.3                 | -45.5        | -                    | 45.65                      | -                  | -           | 88.2                | -42.55         | 0              | 230         | V        |
|        | 2.600012        | 50.23                | ADR  | 32.3                 | -45.5        | -                    | 37.03                      | 68.2               | -31.17      | -                   | -              | 0              | 230         | V        |
| 3      | * 5.000316      | 60.08                | PK-U | 34.2                 | -43.1        | -                    | 51.18                      | -                  | -           | 74                  | -22.82         | 328            | 213         | V        |
|        | * 5.000082      | 55.54                | ADR  | 34.2                 | -43.1        | -                    | 46.64                      | 54                 | -7.36       | -                   | -              | 328            | 213         | V        |
|        | 13.09354        | 53.56                | PK-U | 38.7                 | -37.2        | .9                   | 55.96                      | -                  | -           | 88.2                | -32.24         | 127            | 300         | H        |
| 4      | 13.09328        | 42.7                 | ADR  | 38.7                 | -37.3        | .9                   | 45                         | 68.2               | -23.2       | -                   | -              | 127            | 300         | H        |
|        | 13.094919       | 54.47                | PK-U | 38.7                 | -37.2        | .9                   | 56.87                      | -                  | -           | 88.2                | -31.33         | 285            | 119         | V        |
|        | 13.092206       | 43.52                | ADR  | 38.7                 | -37.3        | .9                   | 45.82                      | 68.2               | -22.38      | -                   | -              | 285            | 119         | V        |

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

PK-U - U-NII: Maximum Peak

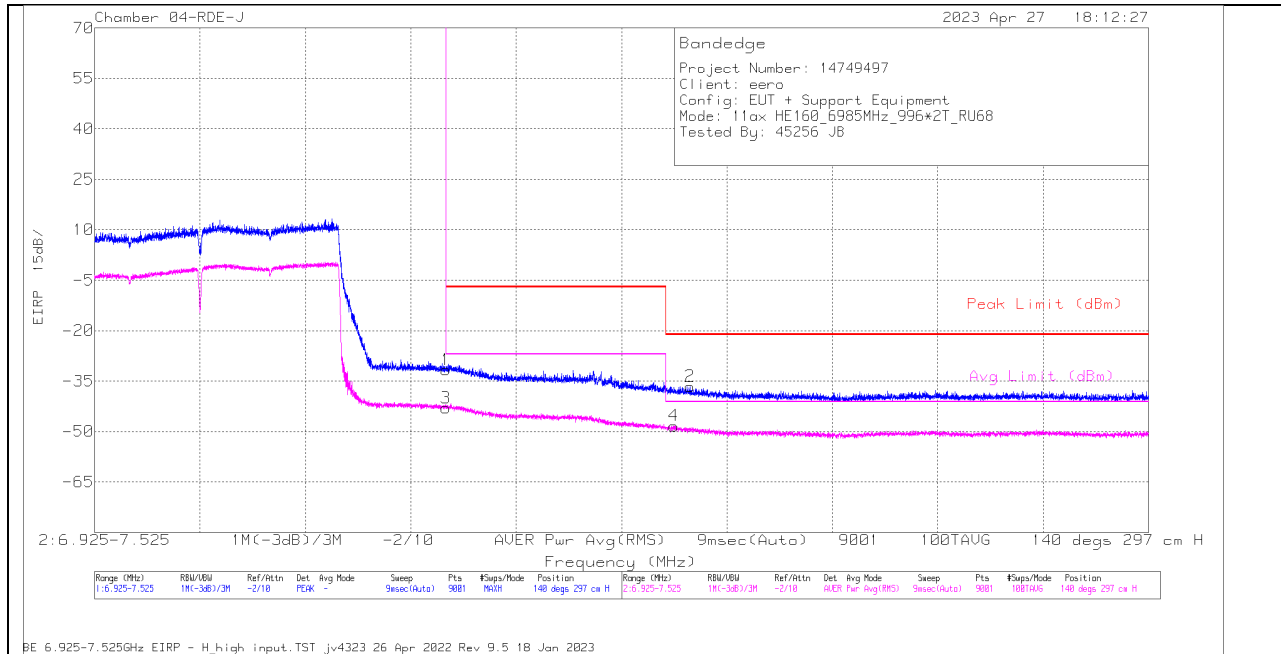
ADR - U-NII AD primary method, RMS average

## 10.1.26. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, RU 68

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

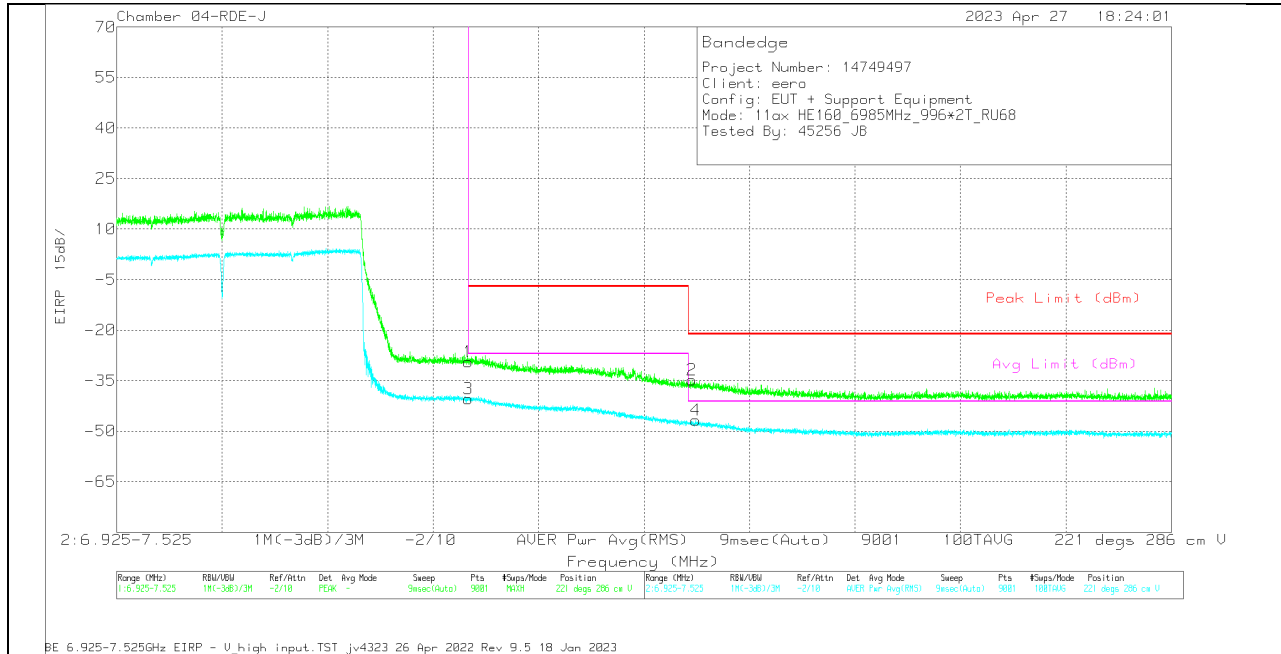


### Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -66.51              | Pk  | 35.8                 | -12.7            | 11.8                   | -31.61                 | -7               | -24.61         | -               | -               | 140            | 297         | H        |
| 2      | * 7263.935      | -71.27              | Pk  | 35.8                 | -12.9            | 11.8                   | -36.57                 | -21.2            | -15.37         | -               | -               | 140            | 297         | H        |
| 3      | 7125            | -77.96              | RMS | 35.8                 | -12.7            | 11.8                   | -43.06                 | -                | -              | -27             | -16.06          | 140            | 297         | H        |
| 4      | * 7254.602      | -83                 | RMS | 35.8                 | -12.9            | 11.8                   | -48.3                  | -                | -              | -41.2           | -7.1            | 140            | 297         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -64.36              | PK  | 35.8                 | -12.7            | 11.8                   | -29.46                 | -7               | -22.46         | -               | -               | 221            | 286         | V        |
| 2      | * 7252.268      | -69.43              | PK  | 35.8                 | -12.9            | 11.8                   | -34.73                 | -21.2            | -13.53         | -               | -               | 221            | 286         | V        |
| 3      | 7125            | -75.32              | RMS | 35.8                 | -12.7            | 11.8                   | -40.42                 | -                | -              | -27             | -13.42          | 221            | 286         | V        |
| 4      | * 7254.468      | -81.37              | RMS | 35.8                 | -12.9            | 11.8                   | -46.67                 | -                | -              | -41.2           | -5.47           | 221            | 286         | V        |

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

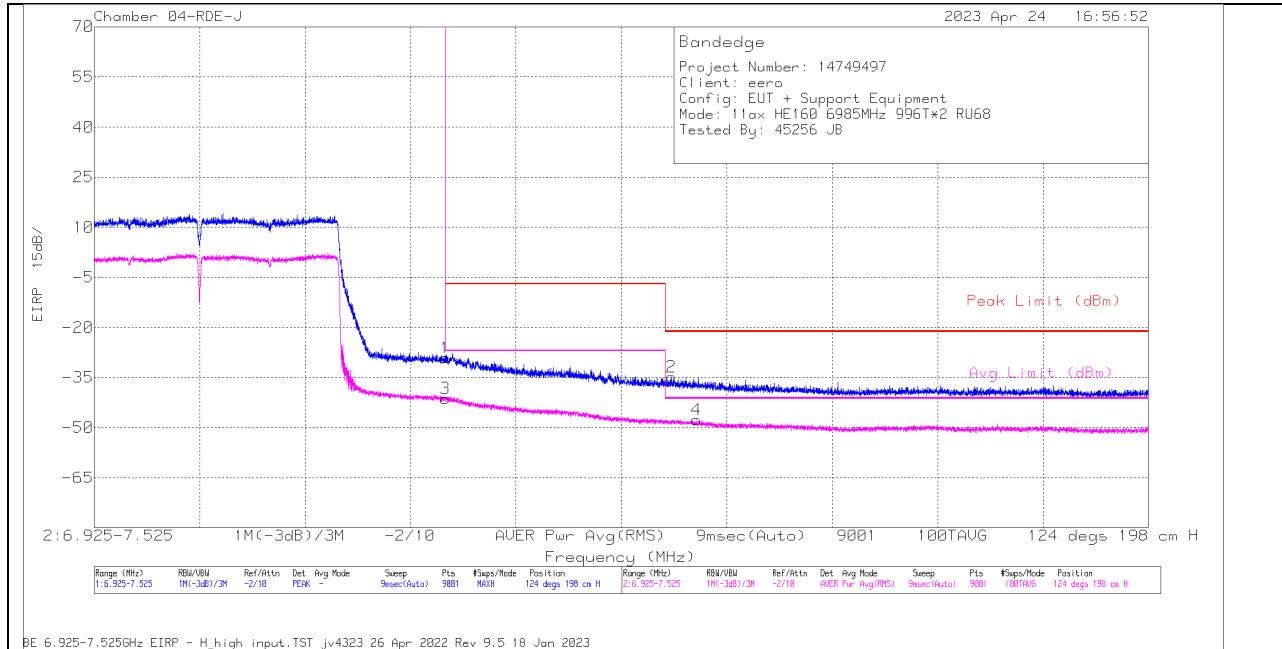
PK - Peak detector

RMS - RMS detection

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 2x 996-Tones, RU 68**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

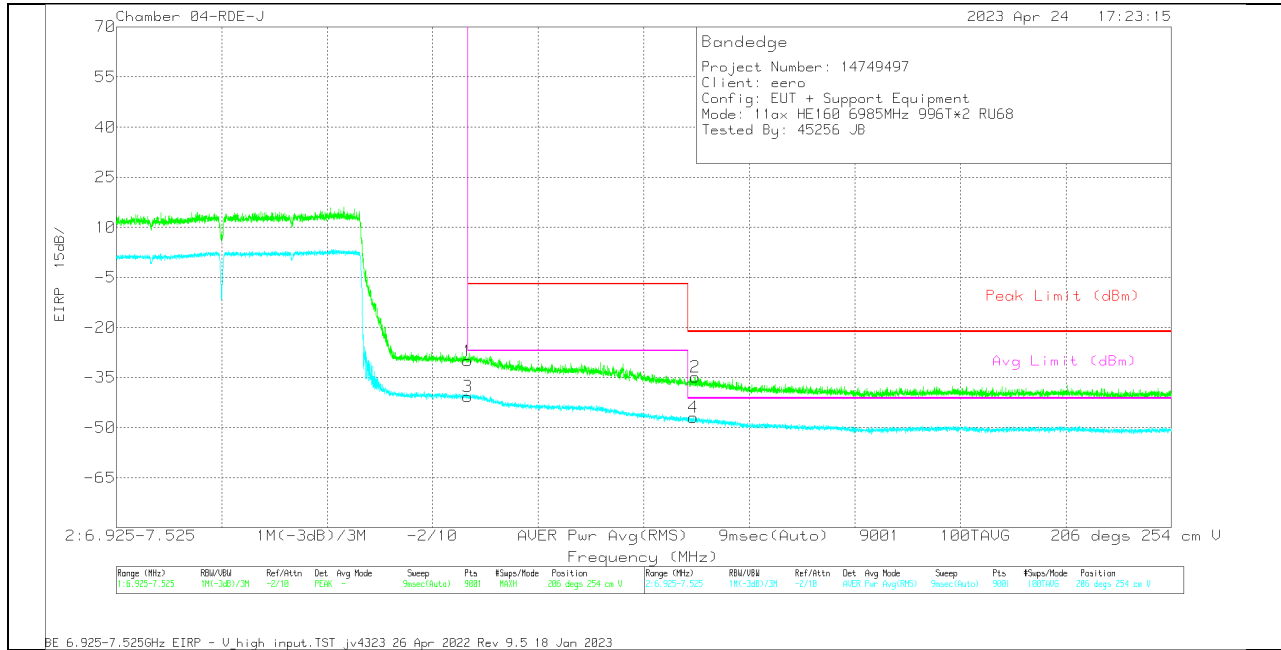


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 22741 ACF(dB) -3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|--------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -63.97              | Pk  | 35.8               | -12.7            | 11.8                   | -29.07                 | -7               | -22.07         | -               | -               | 124            | 198         | H        |
| 2      | * 7253.402      | -69.51              | Pk  | 35.8               | -12.9            | 11.8                   | -34.81                 | -21.2            | -13.61         | -               | -               | 124            | 198         | H        |
| 3      | 7125            | -76.19              | RMS | 35.8               | -12.7            | 11.8                   | -41.29                 | -                | -              | -27             | -14.29          | 124            | 198         | H        |
| 4      | * 7267.935      | -82.19              | RMS | 35.8               | -13              | 11.8                   | -47.59                 | -                | -              | -41.2           | -6.39           | 124            | 198         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) -3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -64.92              | PK  | 35.8                | -12.7            | 11.8                   | -30.02                 | -7               | -23.02         | -               | -               | 206            | 254         | V        |
| 2      | * 7254.335      | -69.58              | PK  | 35.8                | -12.9            | 11.8                   | -34.88                 | -21.2            | -13.68         | -               | -               | 206            | 254         | V        |
| 3      | 7125            | -75.58              | RMS | 35.8                | -12.7            | 11.8                   | -40.68                 | -                | -              | -27             | -13.68          | 206            | 254         | V        |
| 4      | * 7253.335      | -81.54              | RMS | 35.8                | -12.9            | 11.8                   | -46.84                 | -                | -              | -41.2           | -5.64           | 206            | 254         | V        |

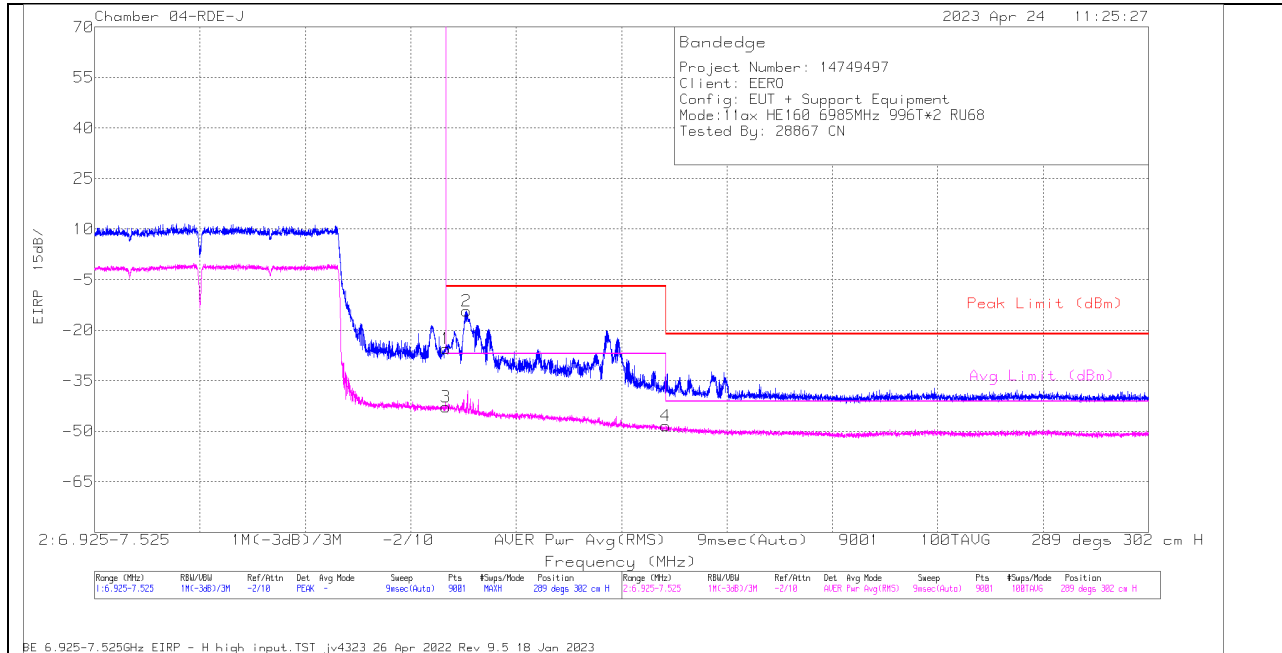
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection



**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 2x 996-Tones, RU 68**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

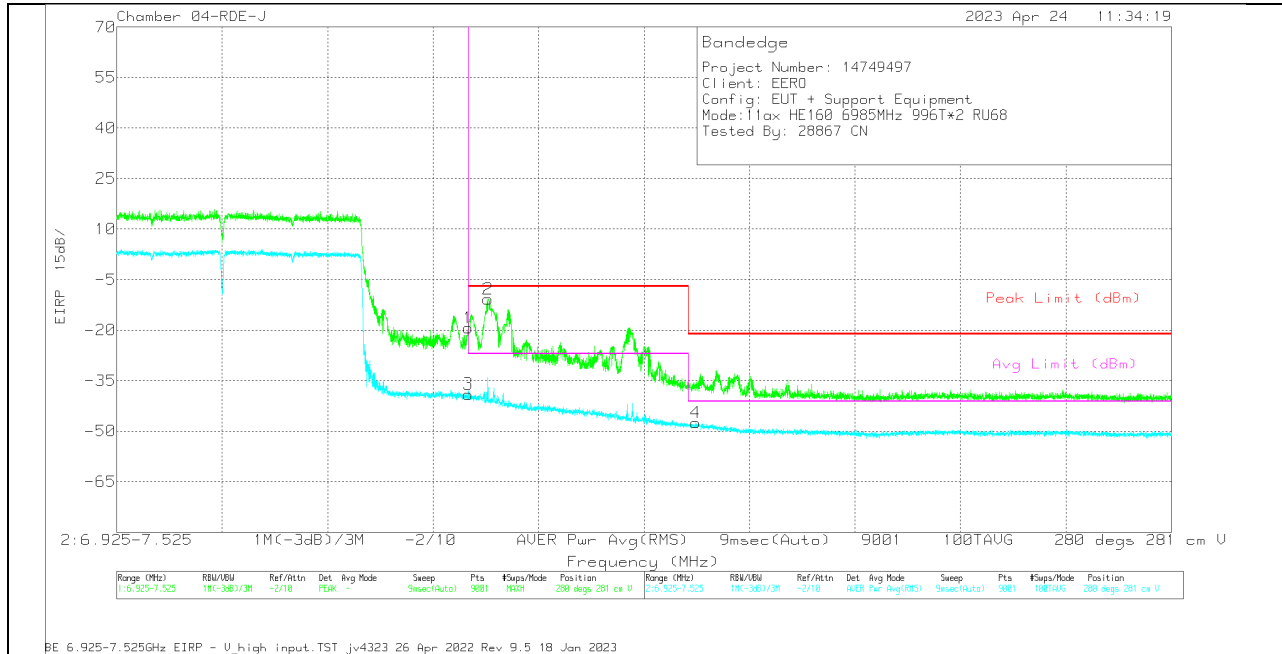


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -60.34              | PK  | 35.8                 | -12.7            | 11.8                   | -25.44                 | -7               | -18.44         | -               | -               | 289            | 302         | H        |
| 2      | 7136.668        | -49.07              | PK  | 35.8                 | -12.8            | 11.8                   | -14.27                 | -7               | -7.27          | -               | -               | 289            | 302         | H        |
| 3      | 7125            | -77.77              | RMS | 35.8                 | -12.7            | 11.8                   | -42.87                 | -                | -              | -27             | -15.87          | 289            | 302         | H        |
| 4      | * 7250.268      | -83.27              | RMS | 35.8                 | -12.8            | 11.8                   | -48.47                 | -                | -              | -41.2           | -7.27           | 289            | 302         | H        |

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

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -54.18              | PK  | 35.8                 | -12.7            | 11.8                   | -19.28                 | -7               | -12.28         | -               | -               | 280            | 281         | V        |
| 2      | 7136.201        | -45.66              | PK  | 35.8                 | -12.8            | 11.8                   | -10.86                 | -7               | -3.86          | -               | -               | 280            | 281         | V        |
| 3      | 7125            | -73.89              | RMS | 35.8                 | -12.7            | 11.8                   | -38.99                 | -                | -              | -27             | -11.99          | 280            | 281         | V        |
| 4      | * 7254.468      | -82.14              | RMS | 35.8                 | -12.9            | 11.8                   | -47.44                 | -                | -              | -41.2           | -6.24           | 280            | 281         | V        |

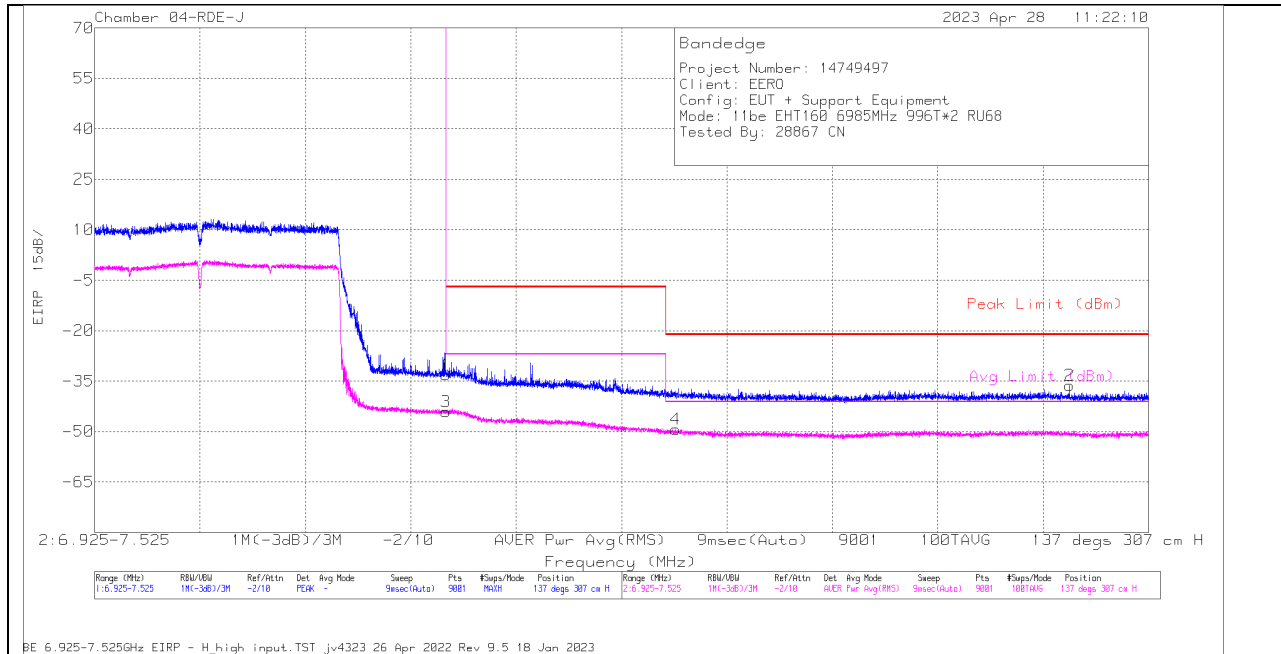
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK - Peak detector  
RMS - RMS detection

## 10.1.27. TX ABOVE 1 GHz 802.11be EHT160 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, RU 68

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT



### Trace Markers

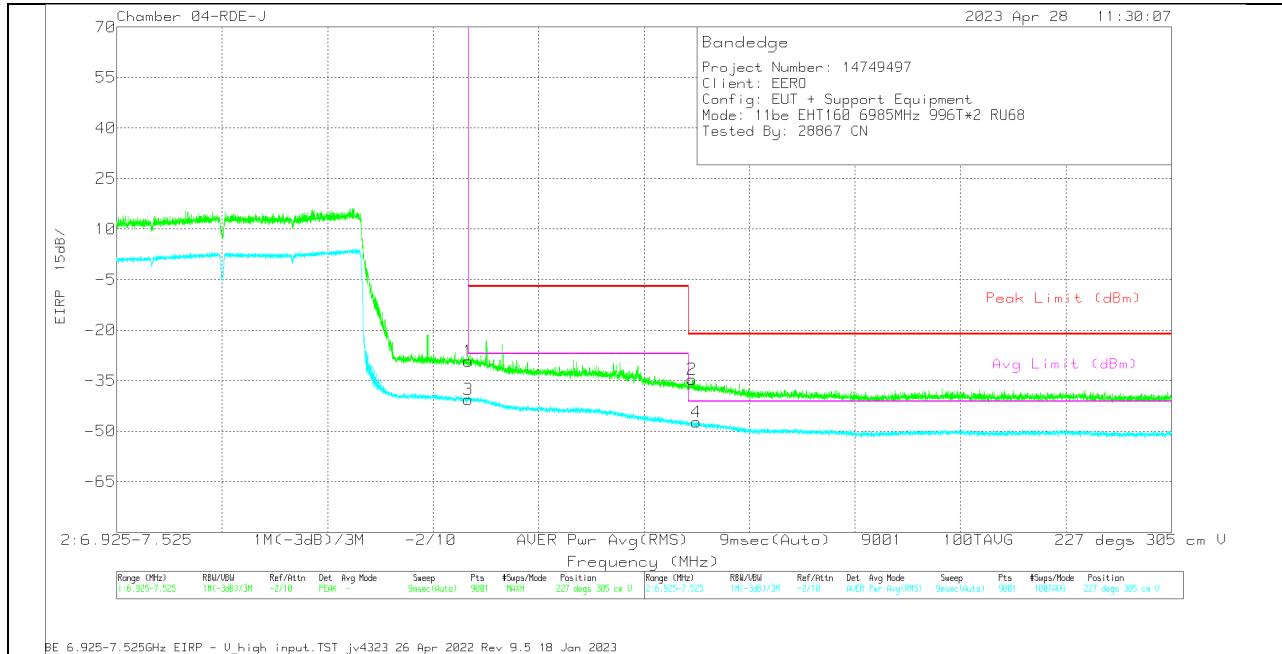
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -67.97              | Pk  | 35.8                 | -12.7            | 11.8                   | -33.07                 | -7               | -26.07         | -               | -               | 137            | 307         | H        |
| 2      | * 7480.003      | -71.56              | Pk  | 35.8                 | -12.4            | 11.8                   | -36.36                 | -21.2            | -15.16         | -               | -               | 137            | 307         | H        |
| 3      | 7125            | -79.07              | RMS | 35.8                 | -12.7            | 11.8                   | -44.17                 | -                | -              | -27             | -17.17          | 137            | 307         | H        |
| 4      | * 7255.802      | -84.07              | RMS | 35.8                 | -12.9            | 11.8                   | -49.37                 | -                | -              | -41.2           | -8.17           | 137            | 307         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

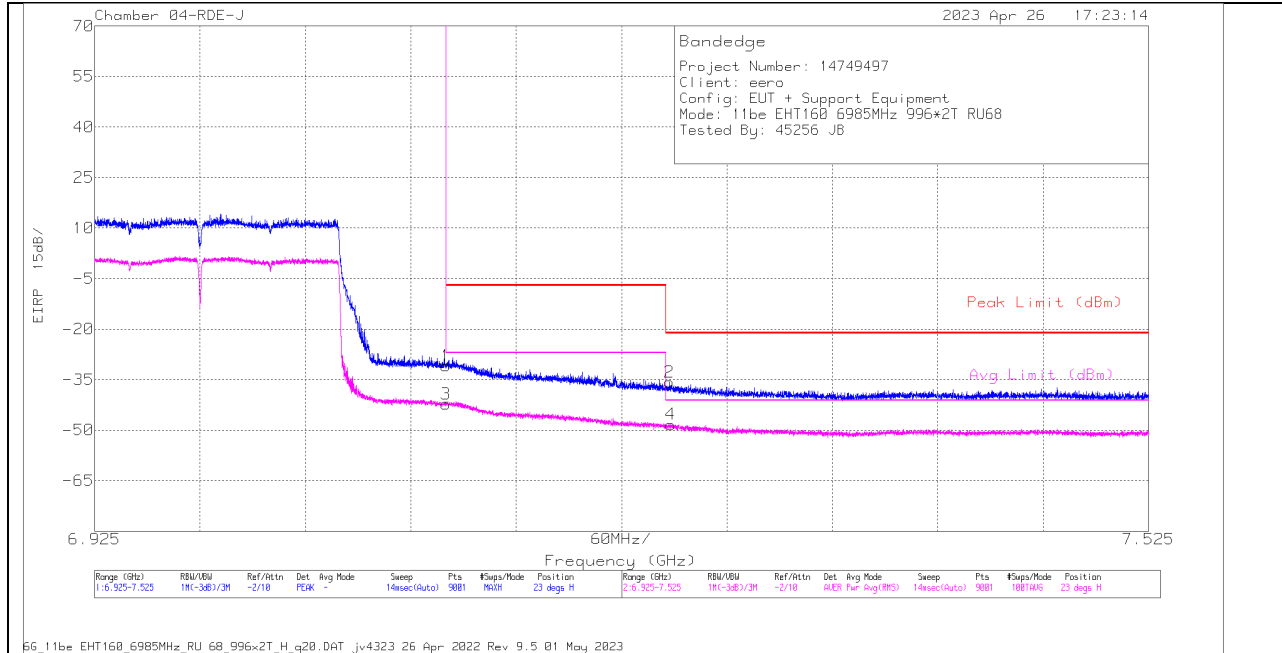
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mHz | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -64.2               | PK  | 35.8                  | -12.7            | 11.8                   | -29.3                  | -7               | -22.3          | -               | -               | 227            | 305         | V        |
| 2      | * 7252.268      | -69.38              | PK  | 35.8                  | -12.9            | 11.8                   | -34.68                 | -21.2            | -13.48         | -               | -               | 227            | 305         | V        |
| 3      | 7125            | -75.39              | RMS | 35.8                  | -12.7            | 11.8                   | -40.49                 | -                | -              | -27             | -13.49          | 227            | 305         | V        |
| 4      | * 7254.802      | -82                 | RMS | 35.8                  | -12.9            | 11.8                   | -47.3                  | -                | -              | -41.2           | -6.1            | 227            | 305         | V        |

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

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 2x 996-Tones, RU 68**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

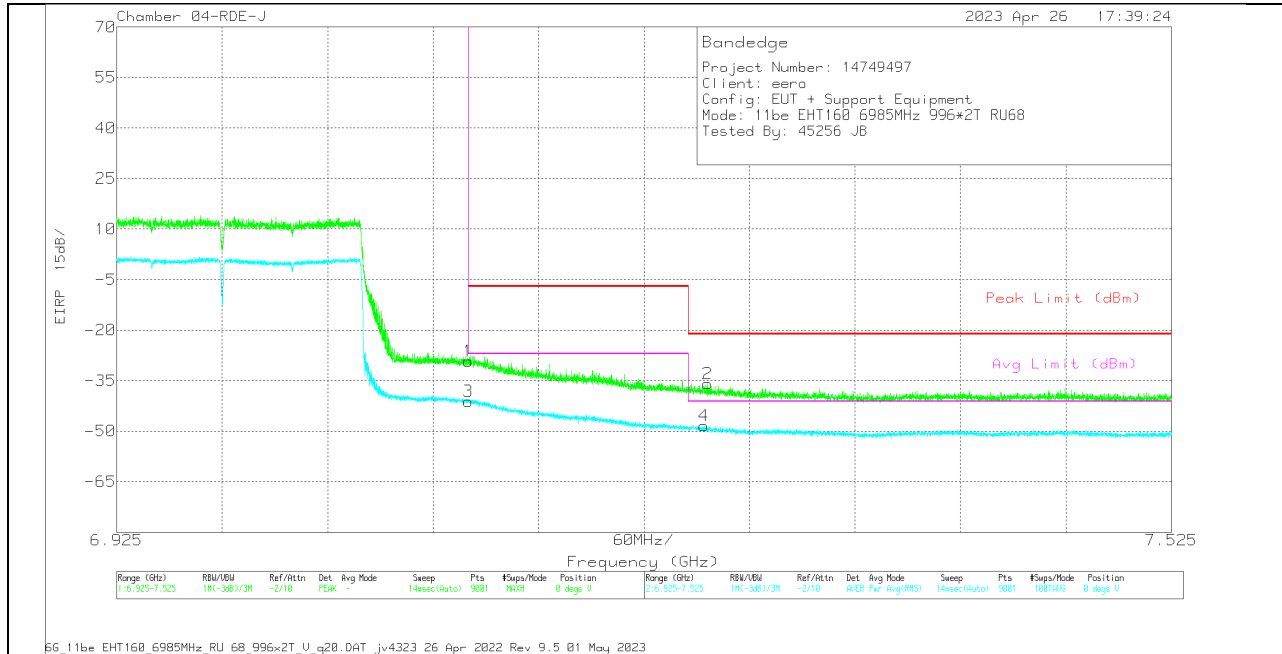


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) -3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -65.73              | PK  | 35.8                | -12.7            | 11.8                   | -30.83                 | -7               | -23.83         | -               | -               | 23             | 164         | H        |
| 2      | * 7252.135      | -70.42              | PK  | 35.8                | -12.9            | 11.8                   | -35.72                 | -21.2            | -14.52         | -               | -               | 23             | 164         | H        |
| 3      | 7125            | -77.19              | RMS | 35.8                | -12.7            | 11.8                   | -42.29                 | -                | -              | -27             | -15.29          | 23             | 164         | H        |
| 4      | * 7252.868      | -83                 | RMS | 35.8                | -12.9            | 11.8                   | -48.3                  | -                | -              | -41.2           | -7.1            | 23             | 164         | H        |

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

## VERTICAL RESULT



## Trace Markers

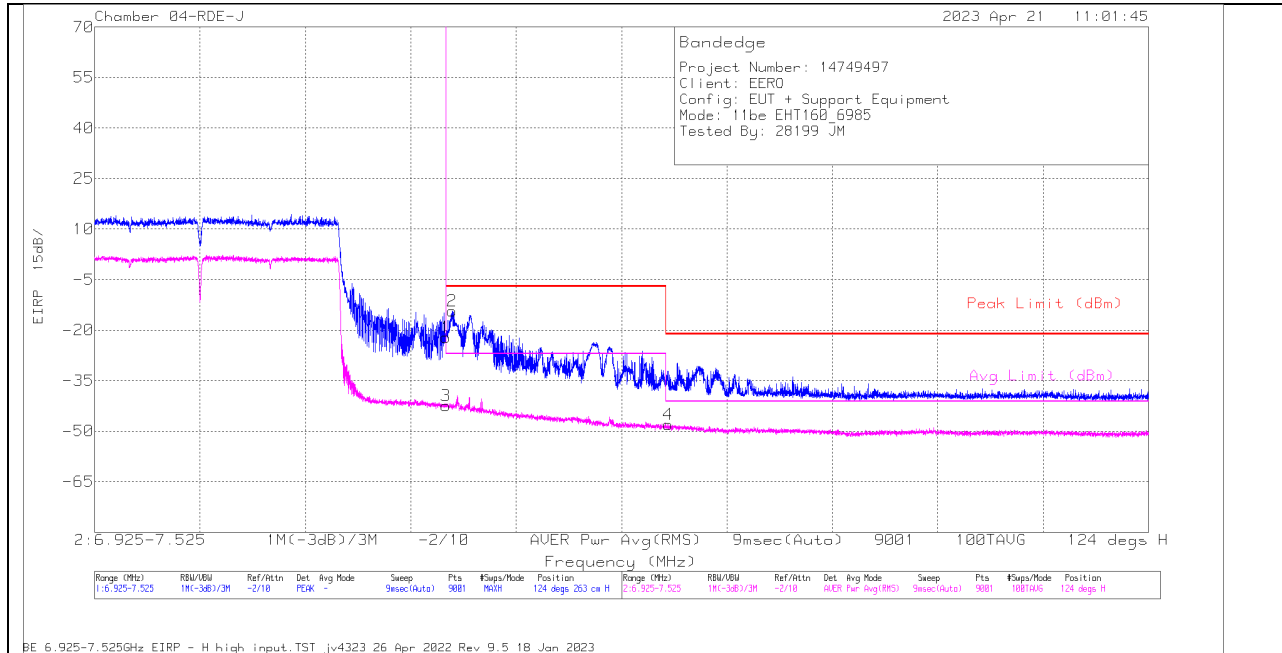
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -64.13              | PK  | 35.8                 | -12.7            | 11.8                   | -29.23                 | -7               | -22.23         | -               | -               | 0              | 146         | V        |
| 2      | * 7261.002      | -70.66              | PK  | 35.8                 | -12.9            | 11.8                   | -35.96                 | -21.2            | -14.76         | -               | -               | 0              | 146         | V        |
| 3      | 7125            | -76.06              | RMS | 35.8                 | -12.7            | 11.8                   | -41.16                 | -                | -              | -27             | -14.16          | 0              | 146         | V        |
| 4      | * 7258.935      | -83.17              | RMS | 35.8                 | -12.9            | 11.8                   | -48.47                 | -                | -              | -41.2           | -7.27           | 0              | 146         | V        |

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

**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 2x 996-Tones, RU 68**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

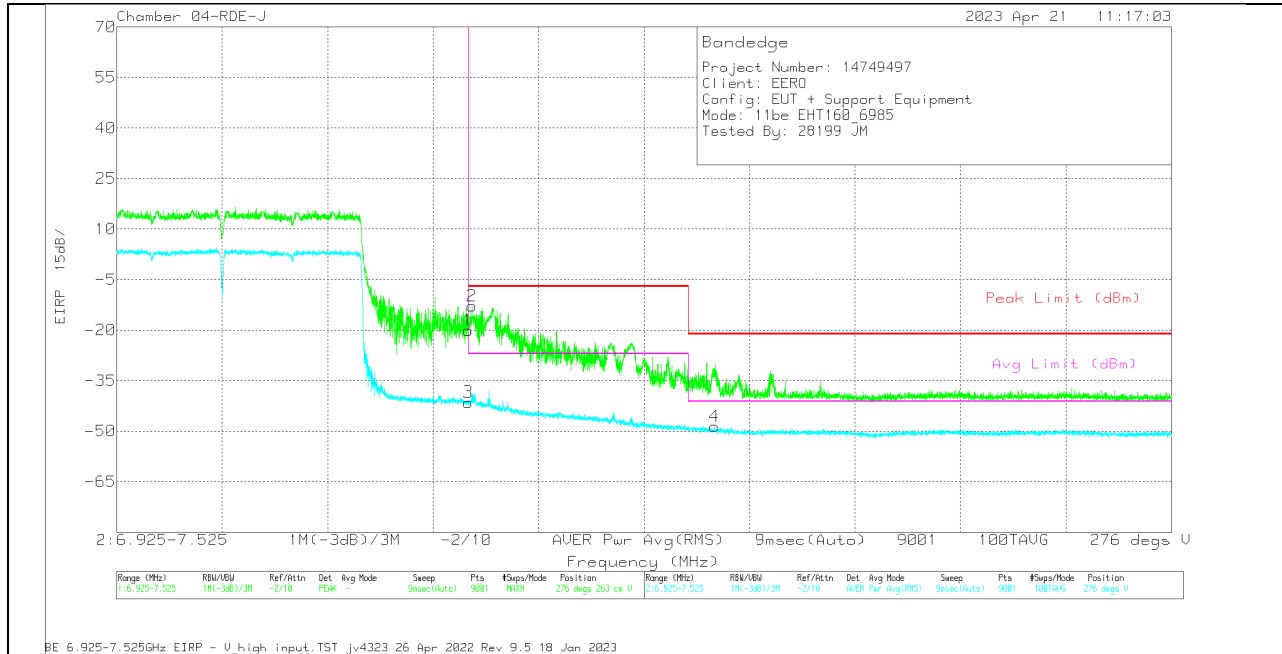


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -57.1               | PK  | 35.8                 | -12.7            | 11.8                   | -22.2                  | -7               | -15.2          | -               | -               | 124            | 263         | H        |
| 2      | 7128.534        | -49.29              | PK  | 35.8                 | -12.7            | 11.8                   | -14.39                 | -7               | -7.39          | -               | -               | 124            | 263         | H        |
| 3      | 7125            | -77.37              | RMS | 35.8                 | -12.7            | 11.8                   | -42.47                 | -                | -              | -27             | -15.47          | 124            | 263         | H        |
| 4      | * 7251.468      | -82.69              | RMS | 35.8                 | -12.9            | 11.8                   | -47.99                 | -                | -              | -41.2           | -6.79           | 124            | 263         | H        |

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

## VERTICAL RESULT



## Trace Markers

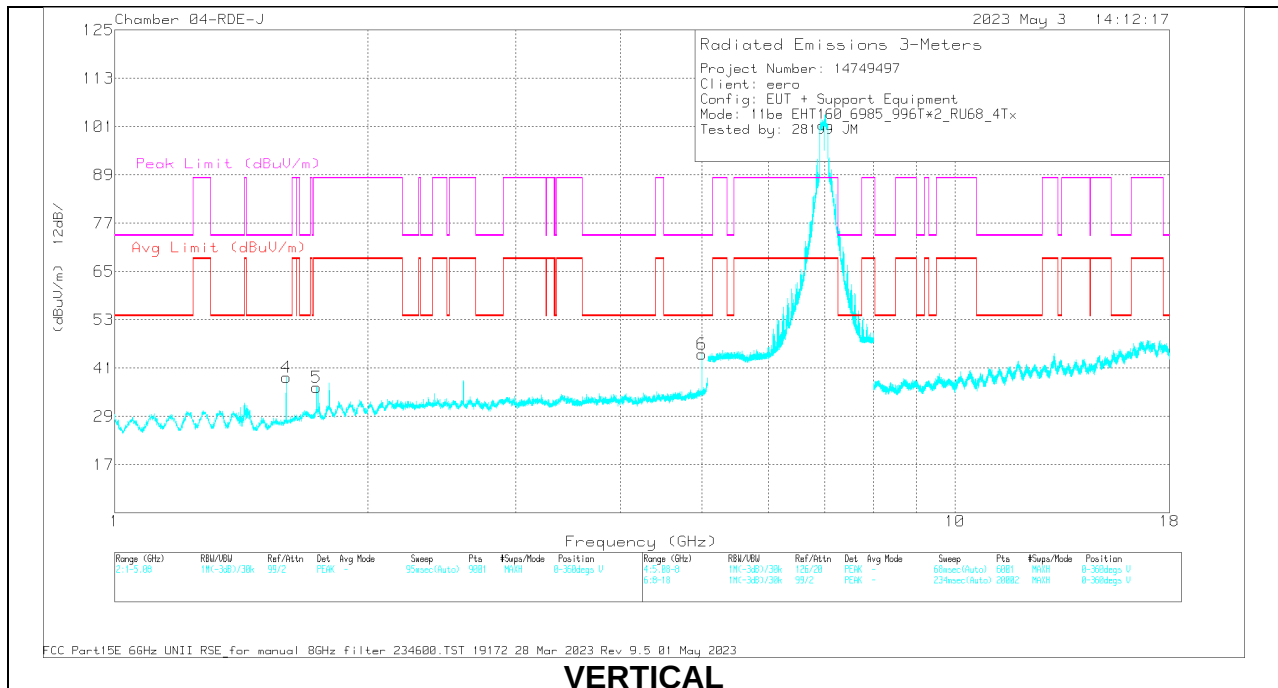
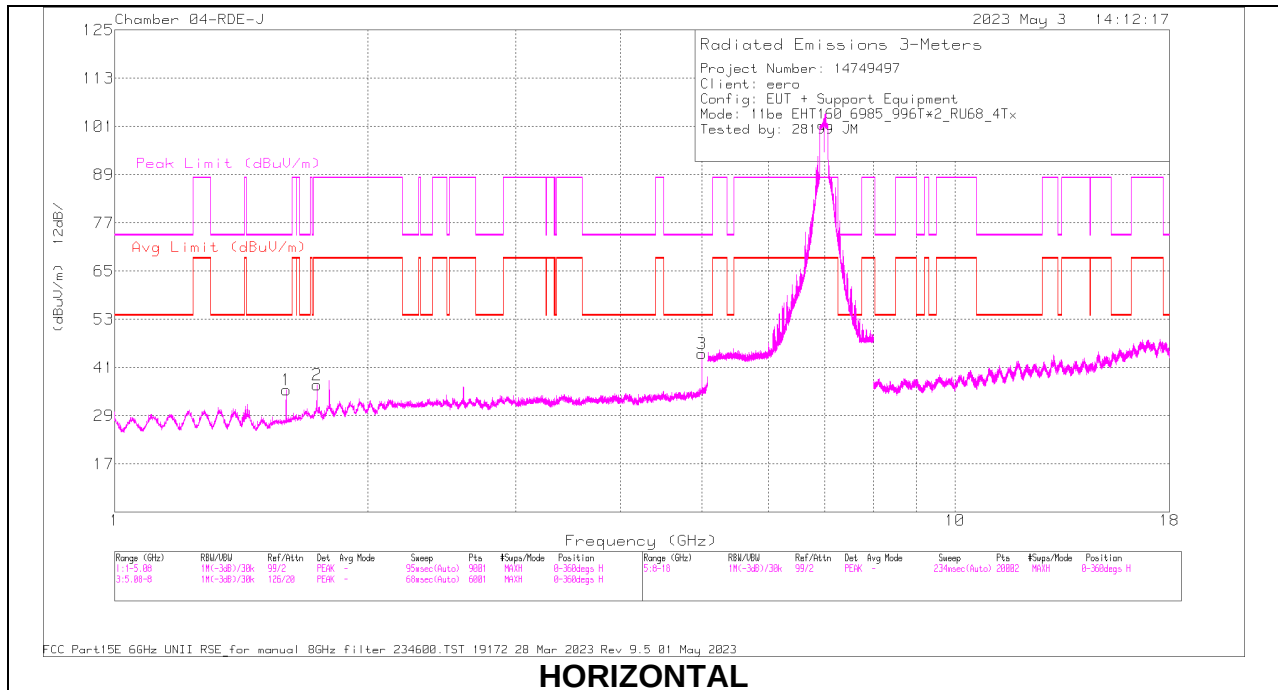
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -55.06              | PK  | 35.8                 | -12.7            | 11.8                   | -20.16                 | -7               | -13.16         | -               | -               | 276            | 263         | V        |
| 2      | 7127.001        | -47.78              | PK  | 35.8                 | -12.7            | 11.8                   | -12.88                 | -7               | -5.88          | -               | -               | 276            | 263         | V        |
| 3      | 7125            | -76.31              | RMS | 35.8                 | -12.7            | 11.8                   | -41.41                 | -                | -              | -27             | -14.41          | 276            | 263         | V        |
| 4      | * 7265.135      | -83.31              | RMS | 35.8                 | -12.9            | 11.8                   | -48.61                 | -                | -              | -41.2           | -7.41           | 276            | 263         | V        |

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



## HARMONICS AND SPURIOUS EMISSIONS

### MID



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3mH | Amp/CbI/Fitr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|-------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.600164      | 57.96                | PK-U | 27.8                 | -43.1             | 42.66                      | -                  | -           | 74                  | -31.34         | 291            | 215         | H        |
|        | * 1.600082      | 42.24                | ADR  | 27.8                 | -43.1             | 26.94                      | 54                 | -27.06      | -                   | -              | 291            | 215         | H        |
| 2      | 1.740883        | 54.25                | PK-U | 30                   | -43.3             | 40.95                      | -                  | -           | 88.2                | -47.25         | 266            | 251         | H        |
|        | 1.740895        | 42.8                 | ADR  | 30                   | -43.3             | 29.5                       | 68.2               | -38.7       | -                   | -              | 266            | 251         | H        |
| 3      | * 5.00005       | 59.32                | PK-U | 34.2                 | -43.1             | 50.42                      | -                  | -           | 74                  | -23.58         | 355            | 141         | H        |
|        | * 5.000052      | 54.02                | ADR  | 34.2                 | -43.1             | 45.12                      | 54                 | -8.88       | -                   | -              | 355            | 141         | H        |
| 4      | * 1.600211      | 60.78                | PK-U | 27.8                 | -43.1             | 45.48                      | -                  | -           | 74                  | -28.52         | 29             | 117         | V        |
|        | * 1.599961      | 43.56                | ADR  | 27.8                 | -43.1             | 28.26                      | 54                 | -25.74      | -                   | -              | 29             | 117         | V        |
| 5      | 1.739026        | 54.33                | PK-U | 30                   | -43.4             | 40.93                      | -                  | -           | 88.2                | -47.27         | 220            | 311         | V        |
|        | 1.739289        | 42.87                | ADR  | 30                   | -43.4             | 29.47                      | 68.2               | -38.73      | -                   | -              | 220            | 311         | V        |
| 6      | * 5.000033      | 60.14                | PK-U | 34.2                 | -43.1             | 51.24                      | -                  | -           | 74                  | -22.76         | 334            | 193         | V        |
|        | * 5.000037      | 55.54                | ADR  | 34.2                 | -43.1             | 46.64                      | 54                 | -7.36       | -                   | -              | 334            | 193         | V        |

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

PK-U - U-NII: Maximum Peak

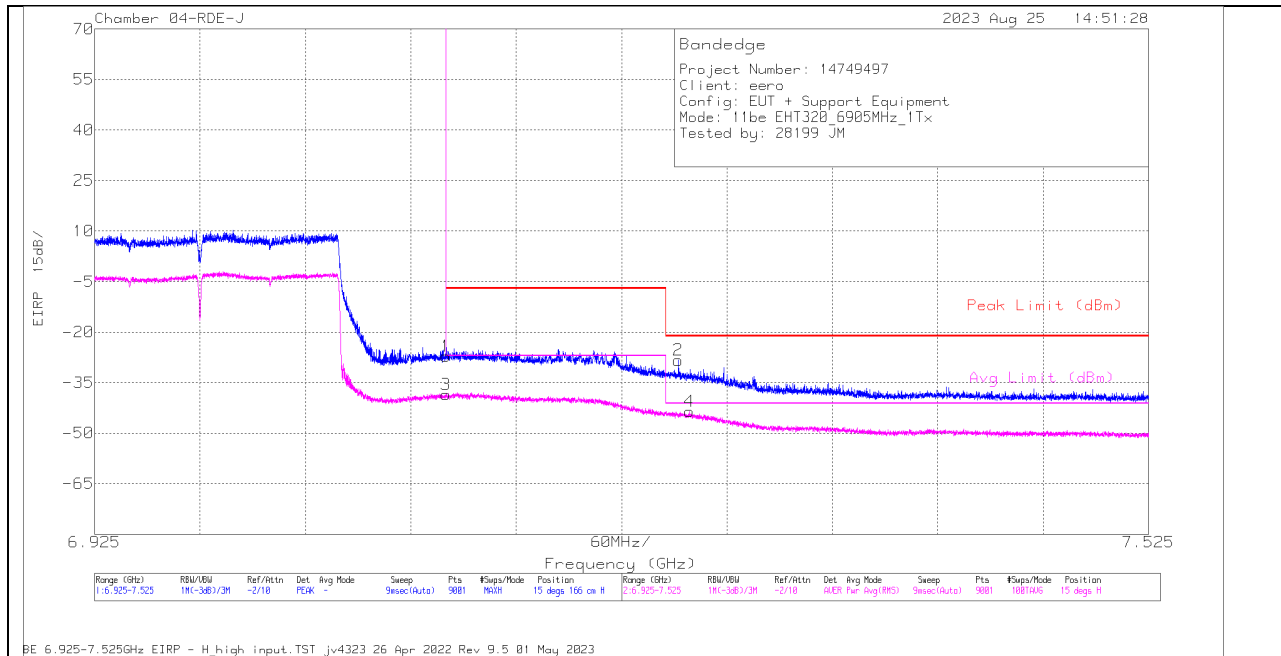
ADR - U-NII AD primary method, RMS average

## 10.1.28. TX ABOVE 1 GHz 802.11be EHT320 MODE IN THE UNII-8 BAND

### 1TX Antenna 5 OFDMA MODE: 4x996-Tones, RU 69

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

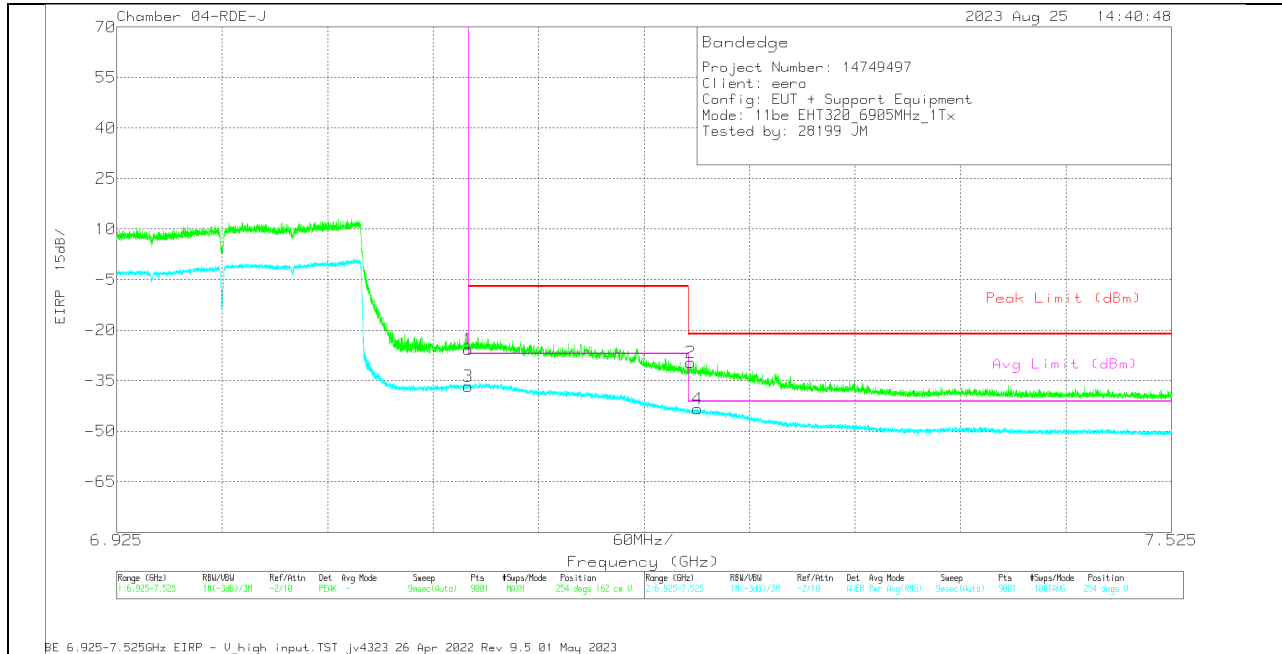


### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 222741 ACP(dB) - 3mst | Cbl/Amp (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Altitude (m) | Height (m) | Polarity |
|--------|-----------------|---------------------|-----|-----------------------|--------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|--------------|------------|----------|
| 1      | 7.125           | -62.95              | PK  | 35.8                  | -11.9        | 11.8                   | -27.25                 | -7               | -20.25         | -               | -               | 15           | 166        | H        |
| 2      | * 7.257402      | -63.57              | PK  | 35.8                  | -12.4        | 11.8                   | -28.37                 | -21.2            | -7.17          | -               | -               | 15           | 166        | H        |
| 3      | 7.125           | -74.25              | RMS | 35.8                  | -11.9        | 11.8                   | -38.55                 | -                | -              | -27             | -11.55          | 15           | 166        | H        |
| 4      | * 7.263735      | -78.88              | RMS | 35.8                  | -12.3        | 11.8                   | -43.58                 | -                | -              | -41.2           | -2.38           | 15           | 166        | H        |

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

## VERTICAL RESULT



## Trace Markers

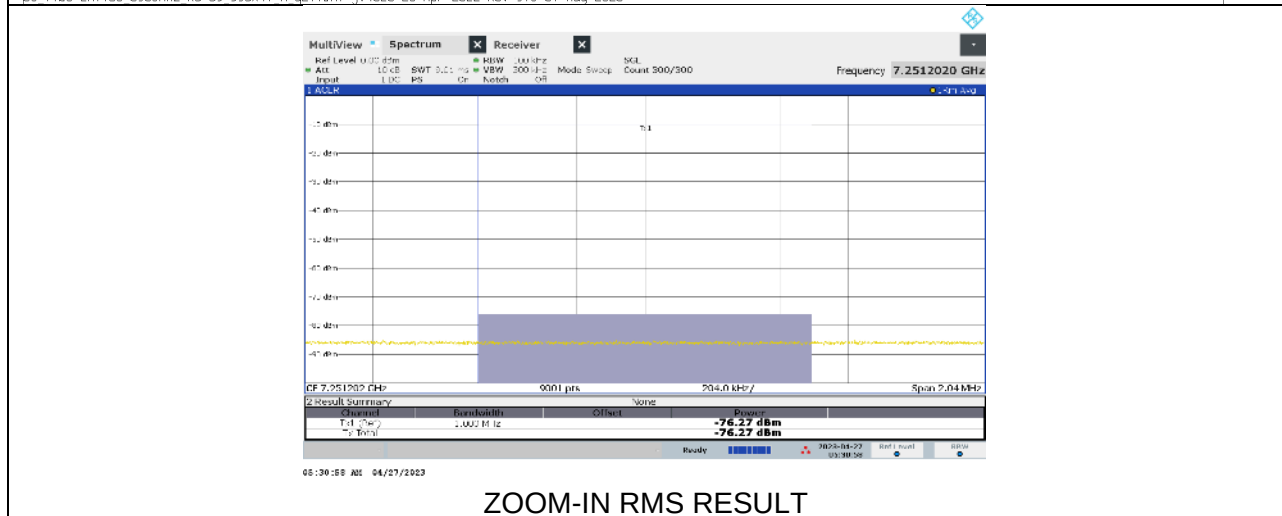
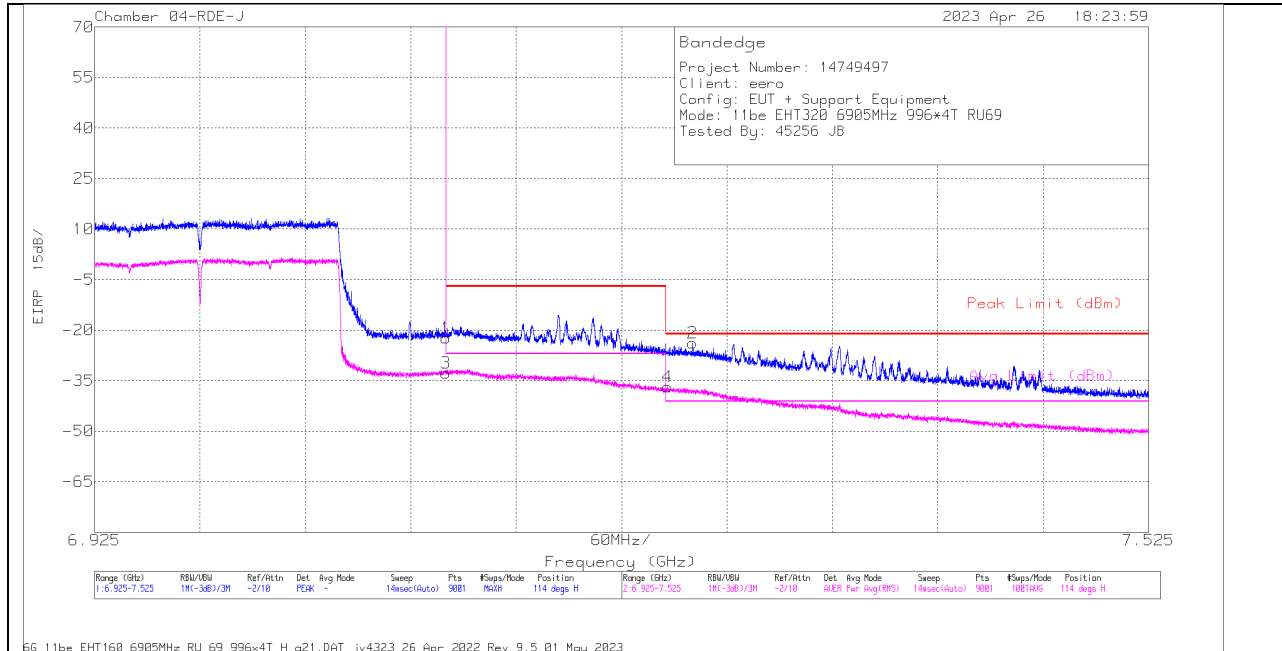
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 222741 ACI (dB) - 3mH | Cbl/Amp (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Acimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|-----------------------|--------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7.125           | -61.37              | Pk  | 35.8                  | -11.9        | 11.8                   | -25.67                 | -7               | -18.67         | -               | -               | 254            | 162         | V        |
| 2      | *7.251402       | -64.75              | Pk  | 35.8                  | -12.5        | 11.8                   | -29.65                 | -21.2            | -8.45          | -               | -               | 254            | 162         | V        |
| 3      | 7.125           | -72.35              | RMS | 35.8                  | -11.9        | 11.8                   | -36.65                 | -                | -              | -27             | -9.65           | 254            | 162         | V        |
| 4      | *7.255402       | -78.54              | RMS | 35.8                  | -12.4        | 11.8                   | -43.34                 | -                | -              | -41.2           | -2.14           | 254            | 162         | V        |

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

**2TX Antenna 5 + Antenna 8 OFDMA MODE: 4x996-Tones, RU 69**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



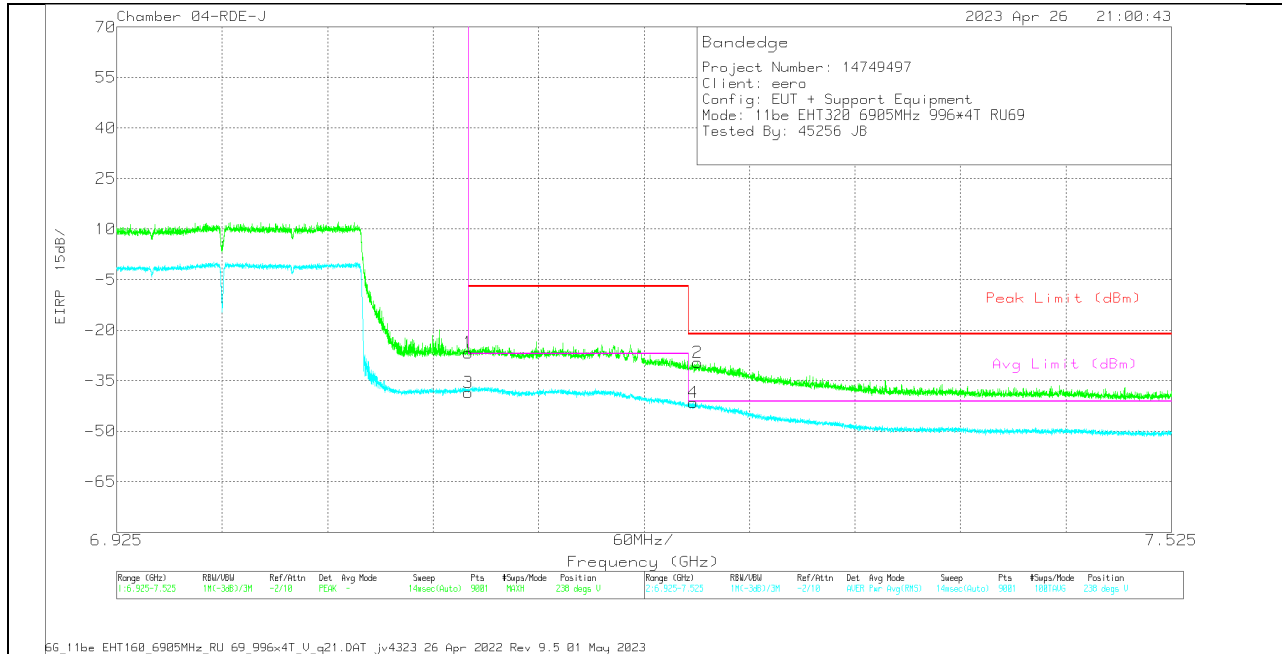
**ZOOM-IN RMS RESULT**

**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -57.22              | PK  | 35.8                 | -12.7            | 11.8                   | -22.32                 | -7               | -15.32         | -               | -               | 114            | 184         | H        |
| 2      | * 7265.602      | -58.53              | PK  | 35.8                 | -12.9            | 11.8                   | -23.83                 | -21.2            | -2.63          | -               | -               | 114            | 184         | H        |
| 3      | 7125            | -67.71              | RMS | 35.8                 | -12.7            | 11.8                   | -32.81                 | -                | -              | -27             | -5.81           | 114            | 184         | H        |
| 4      | * 7251.202      | -76.27              | RMS | 35.8                 | -12.9            | 11.8                   | -41.57                 | -                | -              | -41.2           | -0.37           | 114            | 184         | H        |

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

## VERTICAL RESULT



## Trace Markers

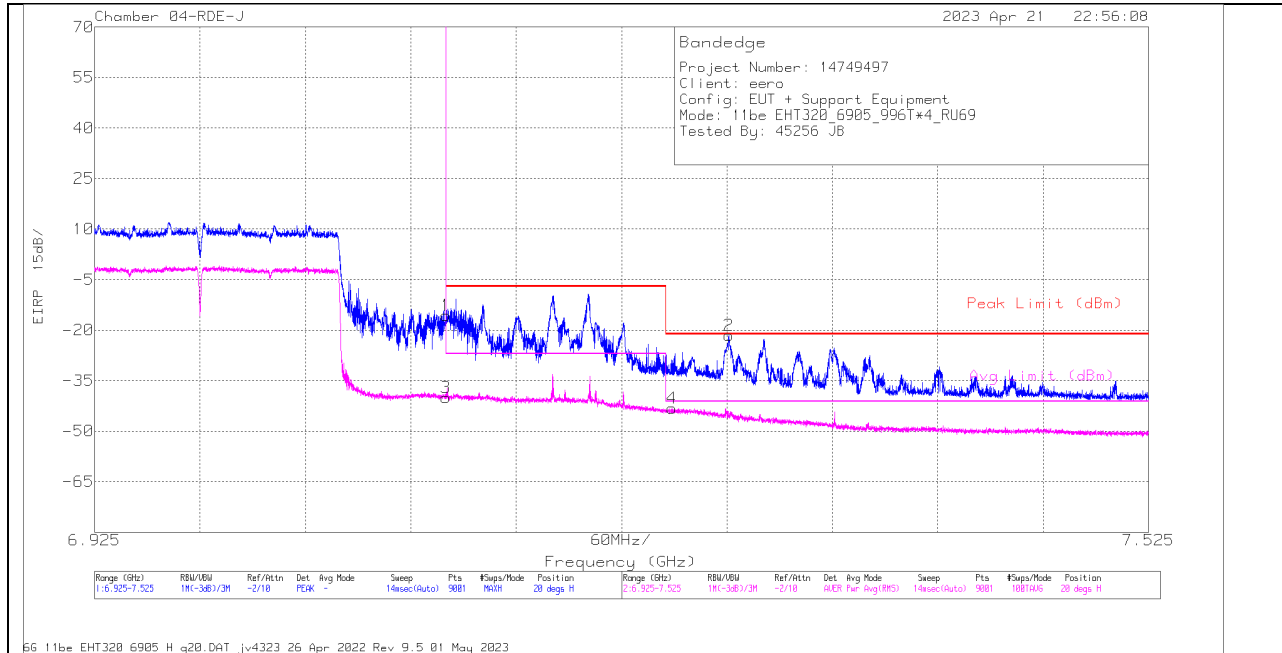
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -61.6               | PK  | 35.8                 | -12.7            | 11.8                   | -26.7                  | -7               | -19.7          | -               | -               | 238            | 183         | V        |
| 2      | * 7255.468      | -64.28              | PK  | 35.8                 | -12.9            | 11.8                   | -29.58                 | -21.2            | -8.38          | -               | -               | 238            | 183         | V        |
| 3      | 7125            | -73.34              | RMS | 35.8                 | -12.7            | 11.8                   | -38.44                 | -                | -              | -27             | -11.44          | 238            | 183         | V        |
| 4      | * 7252.802      | -76.26              | RMS | 35.8                 | -12.9            | 11.8                   | -41.56                 | -                | -              | -41.2           | -36             | 238            | 183         | V        |

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

**4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 4x996-Tones, RU 69**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

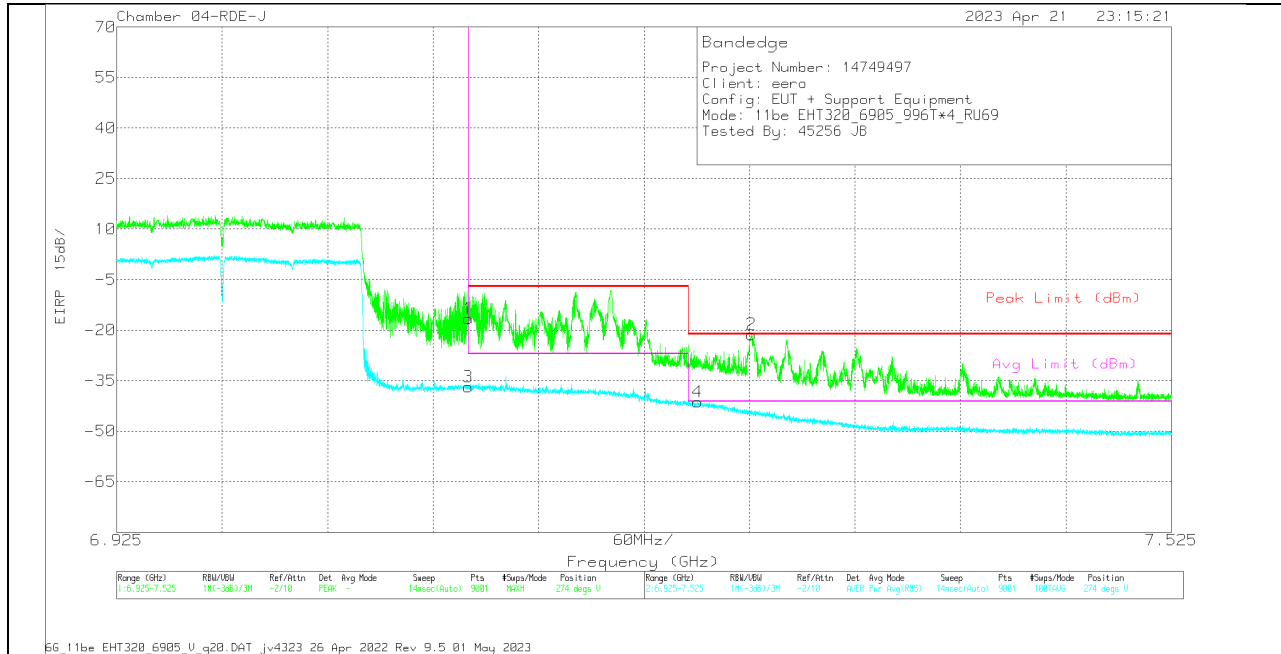


**Trace Markers**

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 222741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -50.49              | PK  | 35.8                 | -12.7            | 11.8                   | -15.59                 | -7               | -8.59          | -               | -               | 20             | 208         | H        |
| 2      | * 7286.135      | -56.01              | PK  | 35.8                 | -13.1            | 11.8                   | -21.51                 | -21.2            | -31            | -               | -               | 20             | 208         | H        |
| 3      | 7125            | -74.9               | RMS | 35.8                 | -12.7            | 11.8                   | -40                    | -                | -              | -27             | -13             | 20             | 208         | H        |
| 4      | * 7253.668      | -77.8               | RMS | 35.8                 | -12.9            | 11.8                   | -43.1                  | -                | -              | -41.2           | -1.9            | 20             | 208         | H        |

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

## VERTICAL RESULT



## Trace Markers

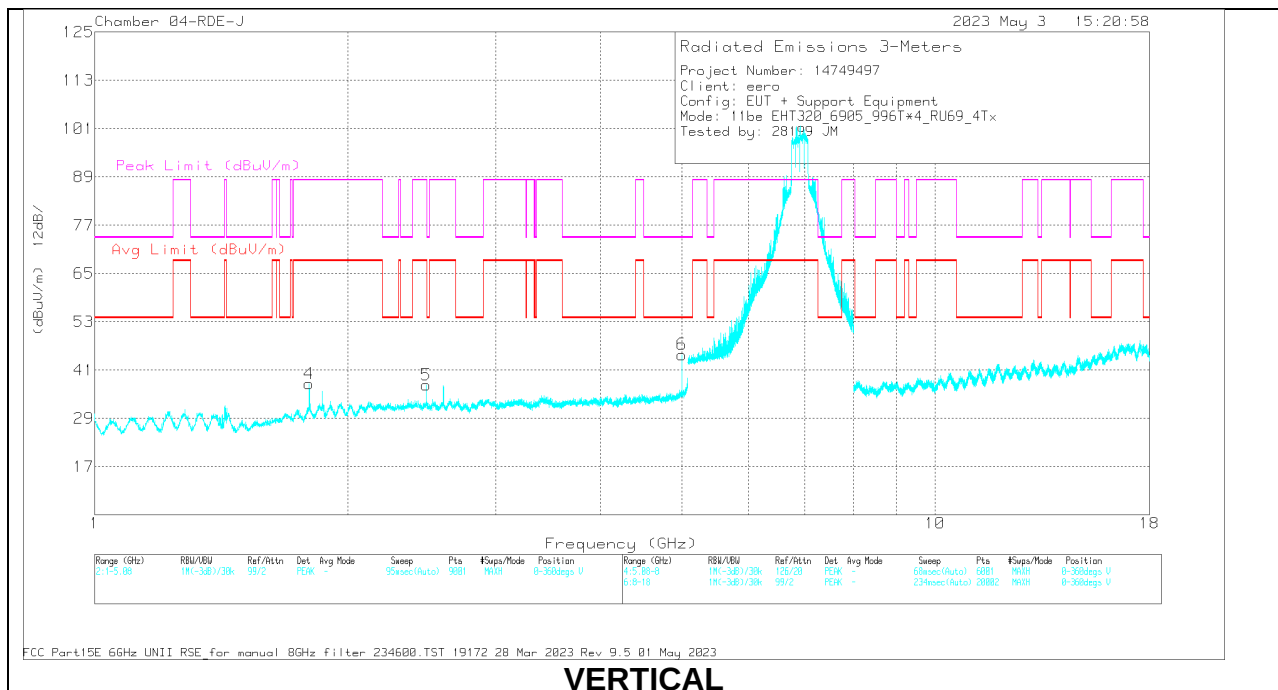
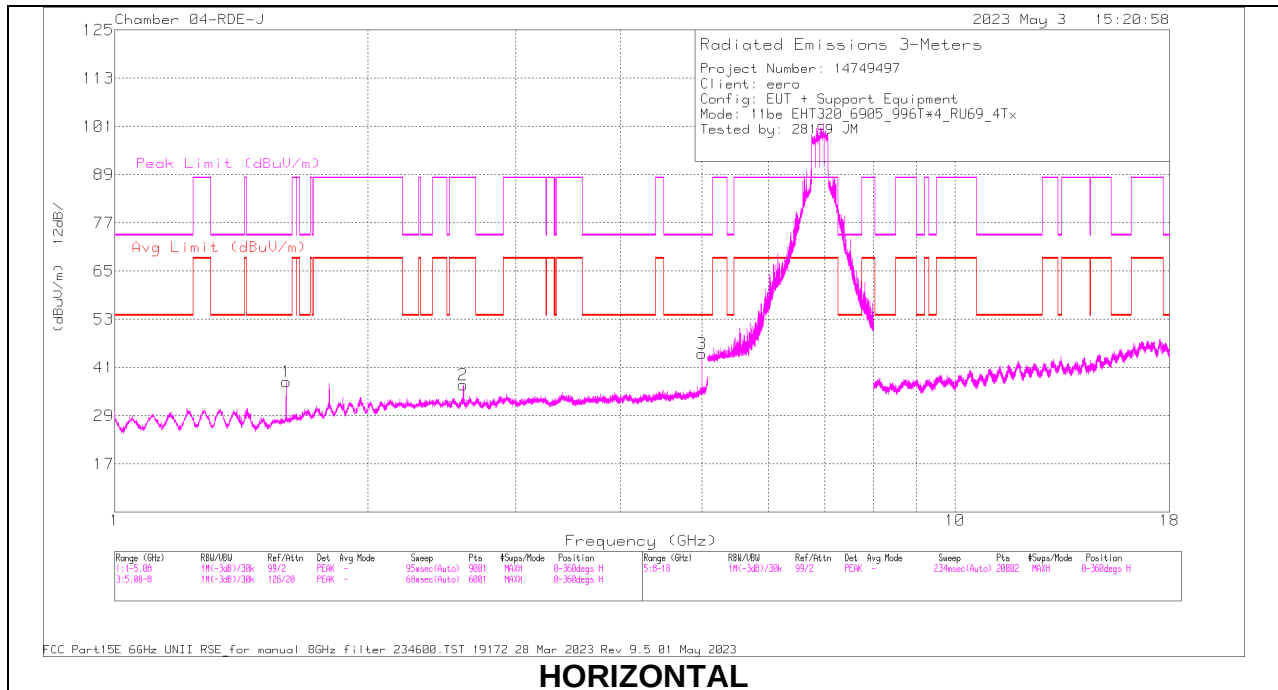
| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 22741 ACF(dB) - 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1      | 7125            | -51.42              | PK  | 35.8                | -12.7            | 11.8                   | -16.52                 | -7               | -9.52          | -               | -               | 274            | 287         | V        |
| 2      | * 7286.068      | -55.8               | PK  | 35.8                | -13.1            | 11.8                   | -21.3                  | -21.2            | -1             | -               | -               | 274            | 287         | V        |
| 3      | 7125            | -71.67              | RMS | 35.8                | -12.7            | 11.8                   | -36.77                 | -                | -              | -27             | -9.77           | 274            | 287         | V        |
| 4      | * 7255.535      | -75.97              | RMS | 35.8                | -12.9            | 11.8                   | -41.27                 | -                | -              | -41.2           | -0.7            | 274            | 287         | V        |

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



## HARMONICS AND SPURIOUS EMISSIONS

### STRADDLE



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3mH | Amp/Cbl/Fitr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|-------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.597554      | 55.66                | PK-U | 27.8                 | -42.9             | 40.56                      | -                  | -           | 74                  | -33.44         | 321            | 182         | H        |
|        | * 1.600795      | 44.04                | ADR  | 27.8                 | -43.1             | 28.74                      | 54                 | -25.26      | -                   | -              | 321            | 182         | H        |
| 2      | 2.596894        | 58.02                | PK-U | 32.3                 | -45.4             | 44.92                      | -                  | -           | 88.2                | -43.28         | 57             | 341         | H        |
|        | 2.598596        | 46.28                | ADR  | 32.3                 | -45.5             | 33.08                      | 68.2               | -35.12      | -                   | -              | 57             | 341         | H        |
| 3      | * 5.000185      | 59.3                 | PK-U | 34.2                 | -43.1             | 50.4                       | -                  | -           | 74                  | -23.6          | 353            | 161         | H        |
|        | * 5.000077      | 53.79                | ADR  | 34.2                 | -43.1             | 44.89                      | 54                 | -9.11       | -                   | -              | 353            | 161         | H        |
| 4      | 1.80001         | 58.97                | PK-U | 30.5                 | -43.9             | 45.57                      | -                  | -           | 88.2                | -42.63         | 317            | 110         | V        |
|        | 1.800036        | 51.78                | ADR  | 30.5                 | -43.9             | 38.38                      | 68.2               | -29.82      | -                   | -              | 317            | 110         | V        |
| 5      | * 2.494544      | 55.56                | PK-U | 32.3                 | -45               | 42.86                      | -                  | -           | 74                  | -31.14         | 352            | 166         | V        |
|        | * 2.491954      | 44.11                | ADR  | 32.3                 | -44.9             | 31.51                      | 54                 | -22.49      | -                   | -              | 352            | 166         | V        |
| 6      | * 4.999901      | 59.72                | PK-U | 34.2                 | -43.1             | 50.82                      | -                  | -           | 74                  | -23.18         | 338            | 235         | V        |
|        | * 5.00001       | 54.13                | ADR  | 34.2                 | -43.1             | 45.23                      | 54                 | -8.77       | -                   | -              | 338            | 235         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

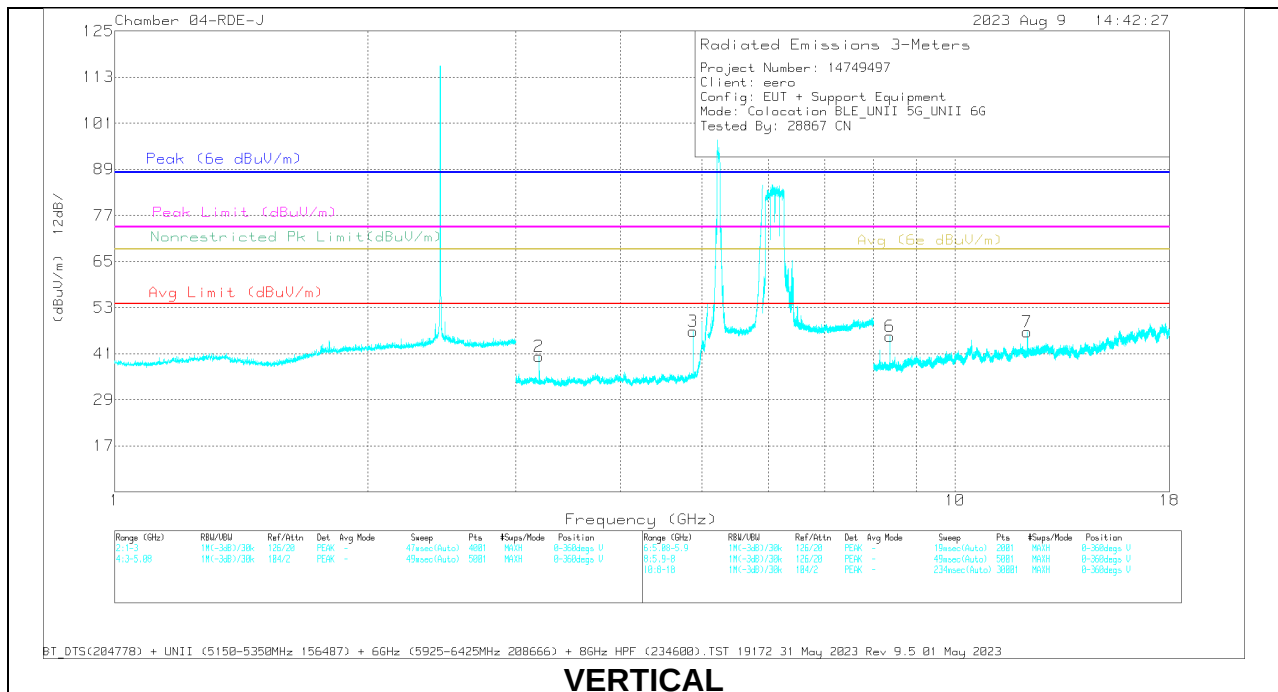
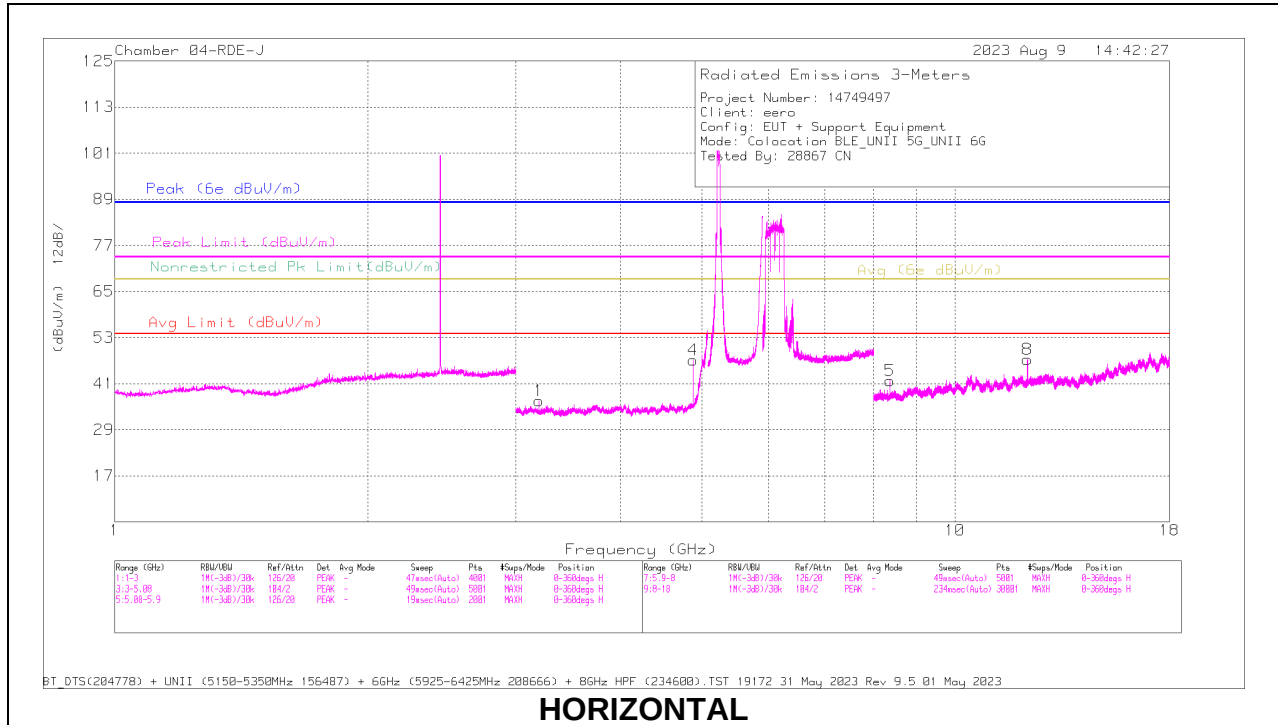
## 10.2. SPURIOUS EMISSIONS FOR COLLOCATION

### TEST-CASE CONDITIONS

| Test Case # | Antenna | Mode              | Frequency (MHz) |
|-------------|---------|-------------------|-----------------|
| 1           | 1x1     | BLE, 2Mbps        | 2440            |
|             | 4x4     | UNII 5GHz, EHT40  | 5230            |
|             | 4x4     | UNII 6GHz, EHT320 | 6105            |
| 2           | 1x1     | 802.15.4          | 2475            |
|             | 4x4     | UNII 5GHz, EHT40  | 5230            |
|             | 4x4     | UNII 6GHz, EHT320 | 6105            |
| 3           | 2x2     | DTS 2.4GHz        | 2437            |
|             | 4x4     | UNII 5GHz, EHT40  | 5230            |
|             | 4x4     | UNII 6GHz, EHT320 | 6105            |

## CASE 1:

### HARMONICS AND SPURIOUS EMISSIONS



## Radiated Emissions

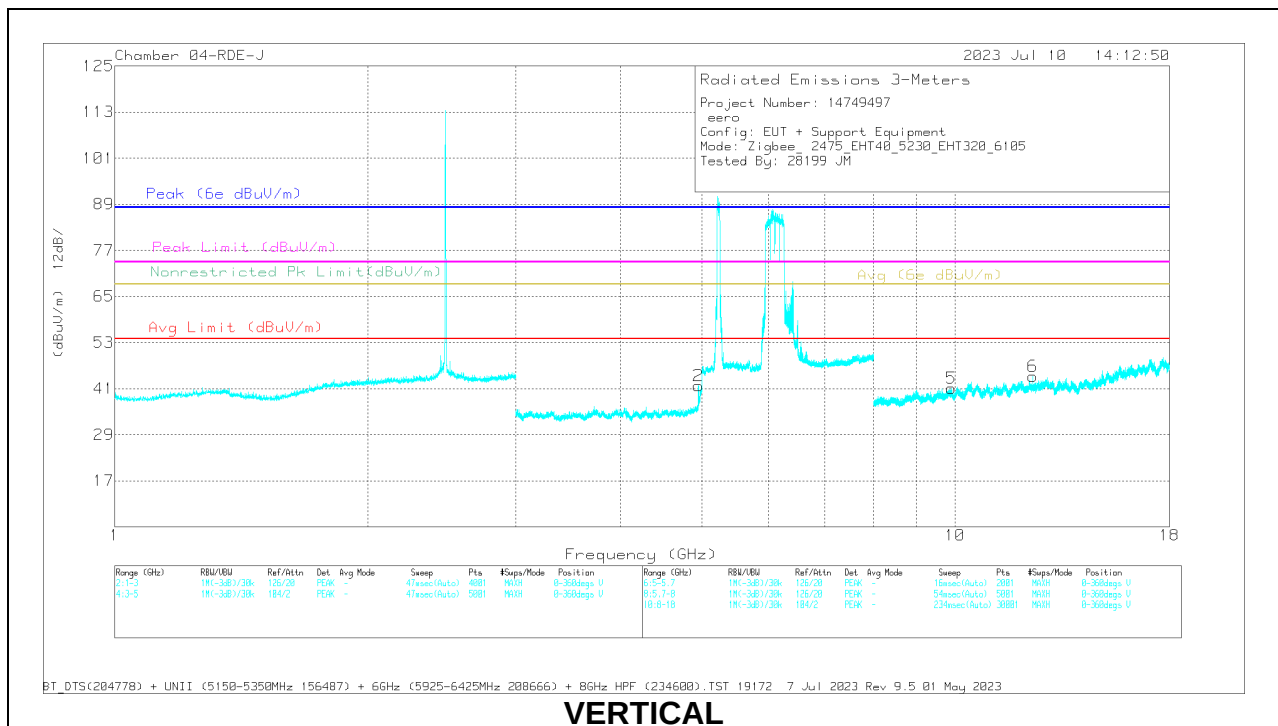
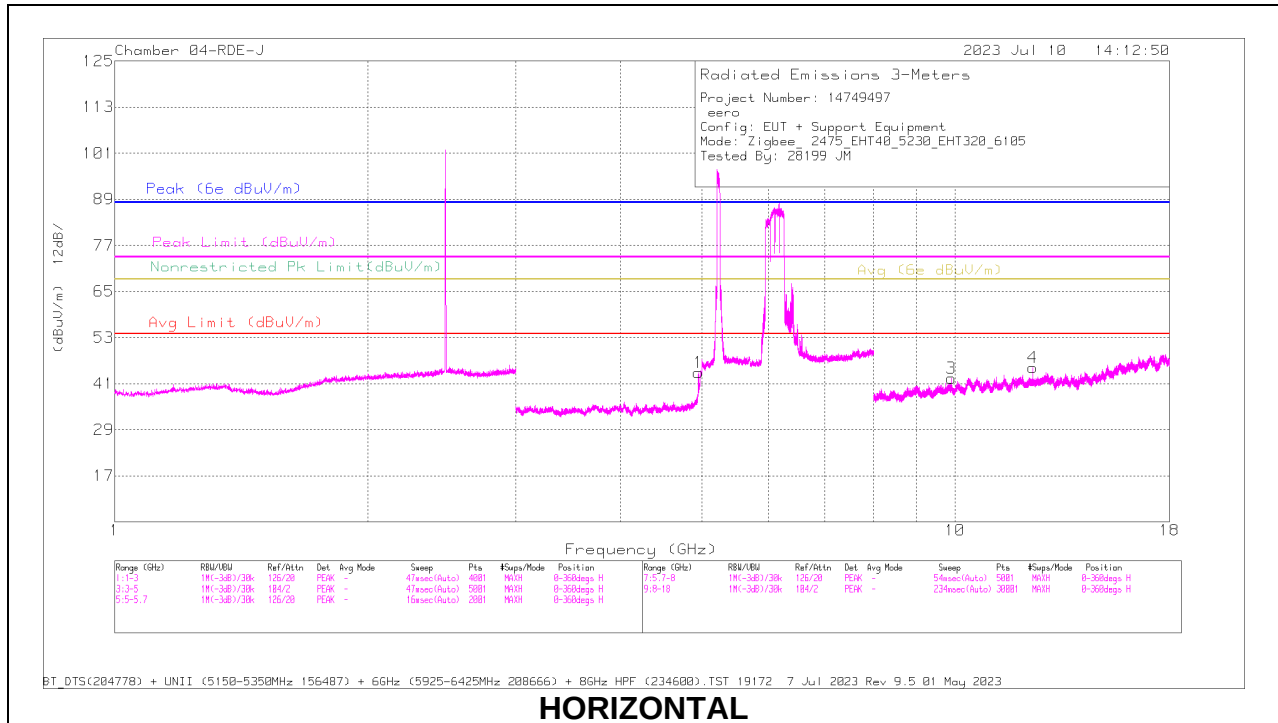
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 22741 ACFS (dB) 3MHz | Coupler P (dB) | BRF (5.15-5.35GHz) (dB) | BRF (5.925-6.425 GHz) (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Noted strict ed PK Limit (dBuV/m) | PK Margin (dB) | Peak (Ee dBuV/m) | PK Margin (dB) | Avg (Ee dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|-------------------------|----------------------------|----------------------------|--------------------|-------------|---------------------|----------------|-----------------------------------|----------------|------------------|----------------|-----------------|-------------|----------------|-------------|----------|
| 1      | 3.200369        | 56.98                | PK-U | 32.9                 | -44.9          | -1                      | -1                         | 45.18                      | -                  | -           | -                   | -              | 68.2                              | -23.02         | 88.2             | -43.02         | 68.2            | -32.29      | 227            | 178         | H        |
|        | 3.200104        | 47.71                | ADR  | 32.9                 | -44.9          | -1                      | -1                         | 35.91                      | -                  | -           | -                   | -              | -                                 | -              | -                | -              | -               | -           | 227            | 178         | H        |
| 4      | * 4.878948      | 61.58                | PK-U | 34                   | -44.6          | -3                      | -2                         | 51.48                      | -                  | -           | 74                  | -22.52         | -                                 | -              | 88.2             | -36.72         | -               | -           | 335            | 252         | H        |
|        | * 4.879063      | 54.36                | ADR  | 34                   | -44.6          | -3                      | -2                         | 44.26                      | 53.97              | -0.71       | -                   | -              | -                                 | -              | -                | -              | 68.2            | -23.94      | 335            | 252         | H        |
| 2      | 3.200377        | 58.19                | PK-U | 32.9                 | -44.9          | -1                      | -1                         | 46.39                      | -                  | -           | -                   | -              | 68.2                              | -21.81         | 88.2             | -41.81         | -               | -           | 329            | 378         | V        |
|        | 3.20019         | 50.24                | ADR  | 32.9                 | -44.9          | -1                      | -1                         | 36.44                      | -                  | -           | -                   | -              | -                                 | -              | -                | -              | -               | -           | 329            | 378         | V        |
| 3      | * 4.878995      | 60.29                | PK-U | 34                   | -44.6          | -3                      | -2                         | 50.19                      | -                  | -           | 74                  | -23.81         | -                                 | -              | 88.2             | -38.01         | -               | -           | 312            | 132         | V        |
|        | * 4.880884      | 51.93                | ADR  | 34                   | -44.6          | -3                      | -2                         | 41.83                      | 53.97              | -12.14      | -                   | -              | -                                 | -              | -                | -              | 68.2            | -26.37      | 312            | 132         | V        |

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 22741 ACFS (dB) 3MHz | Coupler P (dB) | 234600 8GHz HPF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Peak (Ee dBuV/m) | PK Margin (dB) | Avg (Ee dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------|----------------|-----------------|-------------|----------------|-------------|----------|
| 8      | * 12.197587     | 59.38                | PK-U | 38.8                 | -39.6          | -9                   | 59.48                      | -                  | -           | 74                  | -14.52         | 88.2             | -28.72         | -               | -           | 199            | 249         | H        |
|        | * 12.197564     | 51.86                | ADR  | 38.8                 | -39.6          | -9                   | 51.96                      | 53.97              | -2.01       | -                   | -              | -                | -              | 68.2            | -16.24      | 199            | 249         | H        |
| 5      | * 8.367254      | 52.72                | PK-U | 35.8                 | -40.7          | -8                   | 48.62                      | -                  | -           | 74                  | -25.38         | 88.2             | -39.58         | -               | -           | 69             | 378         | H        |
|        | * 8.367485      | 41.17                | ADR  | 35.8                 | -40.7          | -8                   | 37.07                      | 53.97              | -16.9       | -                   | -              | -                | -              | 68.2            | -31.13      | 69             | 378         | H        |
| 7      | * 12.19759      | 54.25                | PK-U | 38.8                 | -39.6          | -9                   | 54.35                      | -                  | -           | 74                  | -19.65         | 88.2             | -33.85         | -               | -           | 285            | 302         | V        |
|        | * 12.197765     | 43.65                | ADR  | 38.8                 | -39.6          | -9                   | 43.75                      | 53.97              | -10.22      | -                   | -              | -                | -              | 68.2            | -24.45      | 285            | 302         | V        |
| 6      | * 8.367969      | 56.08                | PK-U | 35.8                 | -40.6          | -8                   | 52.08                      | -                  | -           | 74                  | -21.92         | 88.2             | -36.12         | -               | -           | 57             | 142         | V        |
|        | * 8.367932      | 50                   | ADR  | 35.8                 | -40.6          | -8                   | 46                         | 53.97              | -7.97       | -                   | -              | -                | -              | 68.2            | -22.2       | 57             | 142         | V        |

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak  
ADR - U-NII AD primary method, RMS average

## CASE 2:

### HARMONICS AND SPURIOUS EMISSIONS



## Radiated Emissions

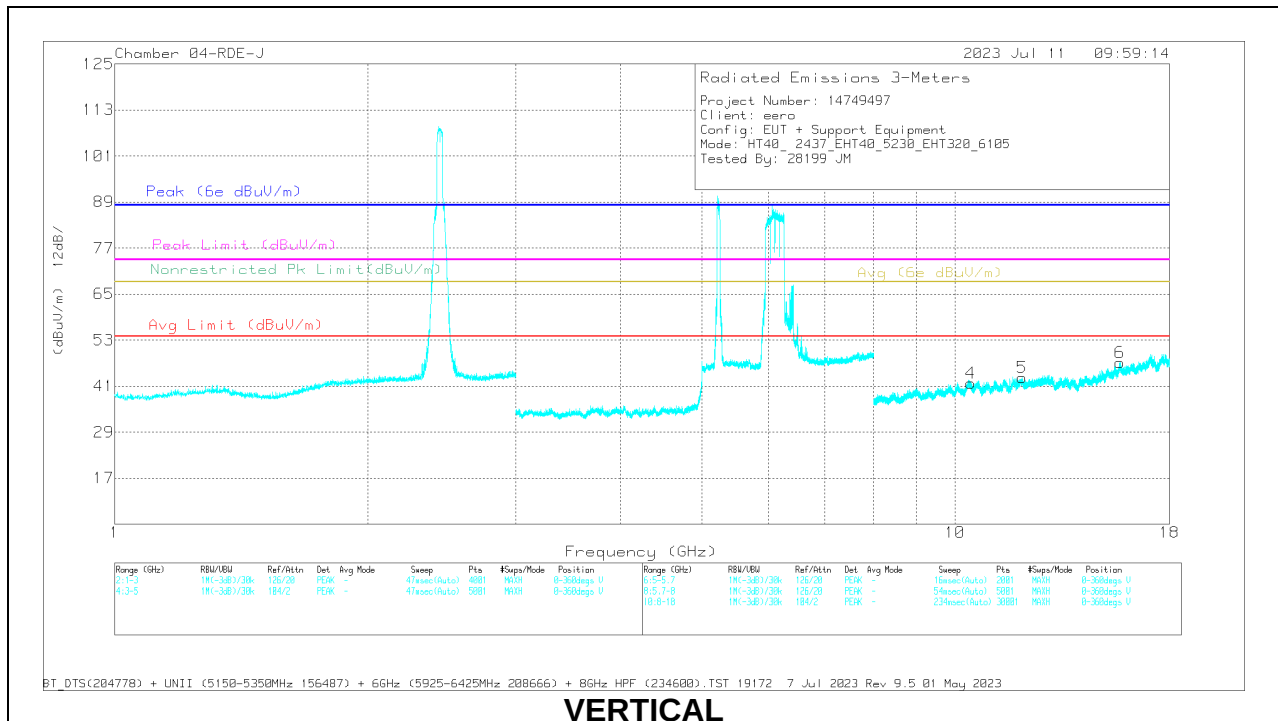
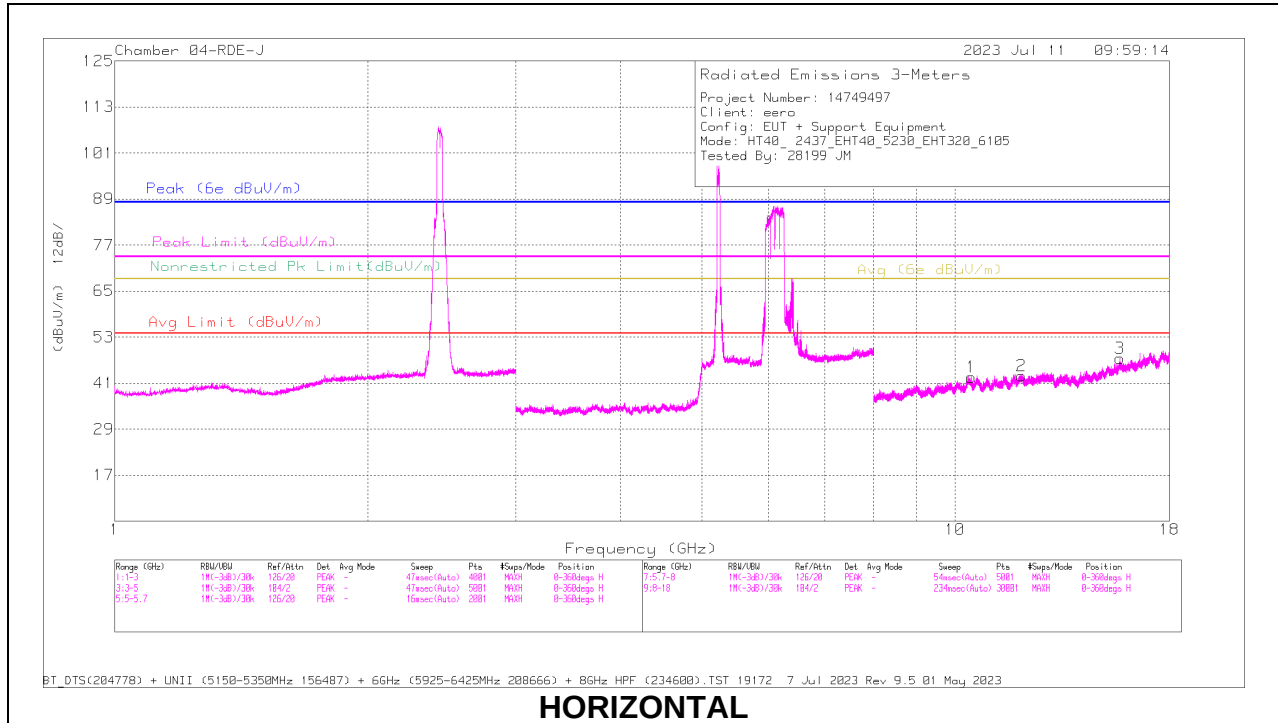
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(5dB) - 3MHz | Cbl/Amp (dB) | BRF (5.15-5.35GHz) (dB) | BRF (5.525-6.425 GHz) (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Peak (6e dBuV/m) | PK Margin (dB) | Avg (6e dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------------|--------------|-------------------------|----------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------|----------------|-----------------|-------------|----------------|-------------|----------|
| 1      | * 4.34856       | 62.44                | PK2  | 34.1                   | -44.6        | 6                       | 3                          | 52.84                      | -                  | -           | 74                  | -21.16         | 88.2             | -35.36         | -               | -           | 252            | 101         | H        |
|        | * 4.34859       | 53.79                | MAV1 | 34.1                   | -44.6        | 6                       | 3                          | 44.19                      | 53.97              | -9.78       | -                   | -              | -                | -              | 68.2            | -24.01      | 252            | 101         | H        |
|        | * 4.95092       | 60.25                | PK2  | 34.1                   | -44.7        | 6                       | 3                          | 50.55                      | -                  | -           | 74                  | -23.45         | 88.2             | -37.65         | -               | -           | 260            | 135         | V        |
| 2      | * 4.9508        | 52.25                | MAV1 | 34.1                   | -44.7        | 6                       | 3                          | 42.95                      | 53.97              | -11.42      | -                   | -              | -                | -              | 68.2            | -25.65      | 260            | 135         | V        |

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 222741 ACF(dB) - 3MHz | Cbl/Amp (dB) | 234600 8GHz HPF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Nonre-strict-ed Limit(dB uV/m) | PK Margin (dB) | Peak (6e dBuV/m) | PK Margin (dB) | Avg (6e dBuV/m) | Margin (dB) | Azim uth (Degs) | Heig ht (cm) | Pola rity |
|--------|-----------------|----------------------|------|-----------------------|--------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|--------------------------------|----------------|------------------|----------------|-----------------|-------------|-----------------|--------------|-----------|
| 3      | 9.898259        | 54.27                | PK2  | 37                    | -39.6        | 7                    | 52.37                      | -                  | -           | -                   | -              | 68.2                           | -15.83         | 88.2             | -35.83         | -               | -           | 229             | 229          | H         |
|        | 9.898047        | 44.02                | MAV1 | 37                    | -39.6        | 7                    | 42.12                      | -                  | -           | -                   | -              | -                              | -              | -                | -              | 68.2            | -26.08      | 229             | 229          | H         |
| 4      | * 12.372454     | 57.27                | PK2  | 38.9                  | -39.2        | 9                    | 57.87                      | -                  | -           | 74                  | -16.13         | -                              | -              | 88.2             | -30.33         | -               | -           | 203             | 307          | H         |
|        | * 12.372407     | 50.17                | MAV1 | 38.9                  | -39.2        | 9                    | 50.77                      | 53.97              | -3.2        | -                   | -              | -                              | -              | -                | 68.2           | -17.43          | 203         | 307             | H            |           |
| 5      | 9.897892        | 53.84                | PK2  | 37                    | -39.6        | 7                    | 51.84                      | -                  | -           | -                   | 68.2           | -16.26                         | 88.2           | -36.26           | -              | -               | -           | 256             | 187          | V         |
|        | 9.897767        | 42.77                | MAV1 | 37                    | -39.6        | 7                    | 40.87                      | -                  | -           | -                   | -              | -                              | -              | -                | 68.2           | -27.33          | 256         | 187             | V            |           |
| 6      | * 12.372373     | 55.06                | PK2  | 38.9                  | -39.2        | 9                    | 55.68                      | -                  | -           | 74                  | -18.32         | -                              | -              | 88.2             | -32.52         | -               | -           | 231             | 267          | V         |
|        | * 12.377354     | 45.63                | MAV1 | 38.9                  | -39.2        | 9                    | 46.23                      | 53.97              | -7.74       | -                   | -              | -                              | -              | -                | 68.2           | -21.97          | 231         | 267             | V            |           |

\* - Indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK2 - KDB558074 Method: Maximum Peak  
MAV1 - KDB558074 Option 1 Maximum RMS Average

### CASE 3:

#### HARMONICS AND SPURIOUS EMISSIONS





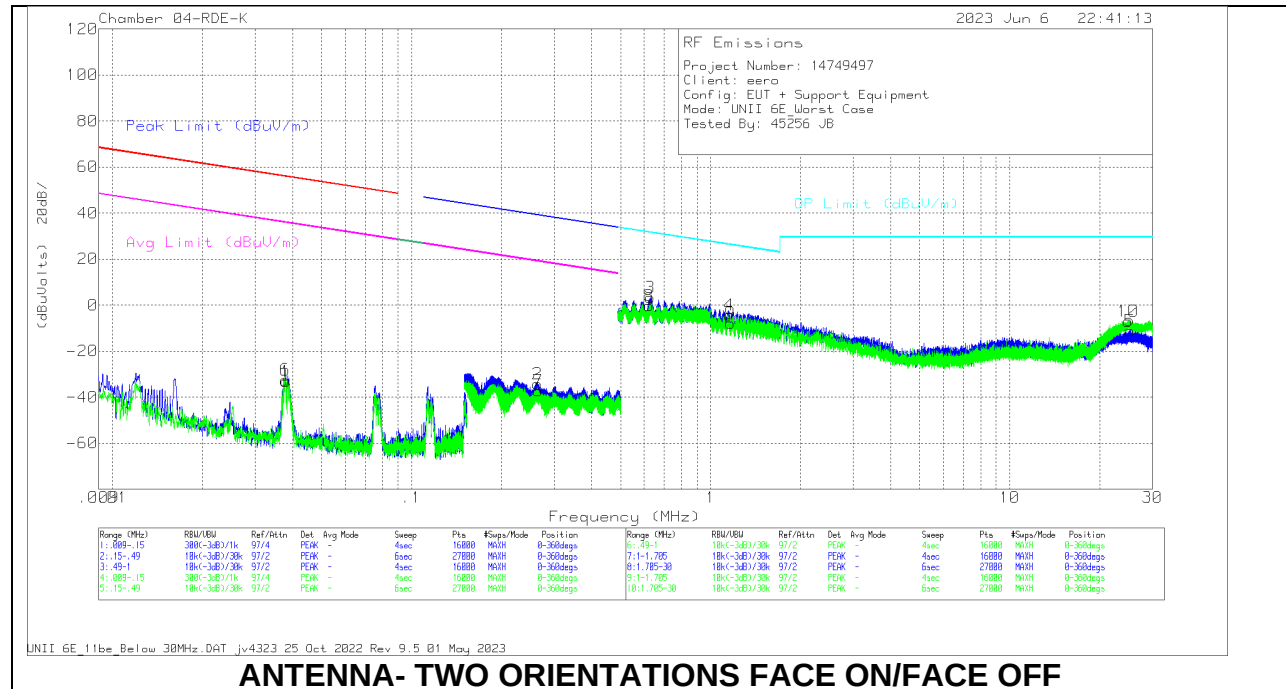
## Radiated Emissions

| M a r k e t | Frequency (GHz) | Meas-uring (dBuV) | Det  | 222741 ACPS(B) - 3mH | C50(Am p (dB)) | 23460 9 9 GHz HPF (dB) | DCC F (dB) | Correcte d Reading (dBuV/m ) | Avg Limit (dBuV/ m) | Margi n (dB) | Peak Limit (dBuV/ m) | PK Margi n (dB) | Nonrestricte d PK Limit(dBuV/ m) | PK Margi n (dB) | Peak (E- dBuV/ m) | PK Margi n (dB) | Avg (E- dBuV/ m) | Margi n (dB) | Azmut h (Degs) | Heigh t (cm) | Polarit y |
|-------------|-----------------|-------------------|------|----------------------|----------------|------------------------|------------|------------------------------|---------------------|--------------|----------------------|-----------------|----------------------------------|-----------------|-------------------|-----------------|------------------|--------------|----------------|--------------|-----------|
| 1           | 10.461109       | 52.87             | PK-U | 37.4                 | -39.4          | 7                      | 0          | 51.57                        | -                   | -            | -                    | -               | 68.2                             | -16.63          | 88.2              | -36.63          | -                | -            | 157            | 264          | H         |
|             | 10.46252        | 41.23             | ADR  | 37.4                 | -39.4          | 7                      | 1.31       | 41.24                        | -                   | -            | -                    | -               | -                                | -               | -                 | -               | 68.2             | -26.96       | 157            | 264          | H         |
| 2           | * 12.006614     | 43.46             | PK-U | 38.7                 | -38.9          | 6                      | 0          | 43.15                        | -                   | -            | 74                   | -30.85          | -                                | -               | 88.2              | -36.05          | 68.2             | -26.96       | 151            | 300          | H         |
|             | * 12.004923     | 40.89             | ADR  | 38.7                 | -38.9          | 6                      | 1.31       | 42.9                         | 53.97               | -11.07       | -                    | -               | -                                | -               | -                 | -               | 68.2             | -26.3        | 151            | 300          | H         |
| 3           | * 15.709865     | 52.85             | PK-U | 40.8                 | -38.8          | 5                      | 0          | 55.95                        | 53.97               | -8.12        | 74                   | -18.65          | -                                | -               | 88.2              | -32.85          | 68.2             | -23.95       | 7              | 186          | H         |
|             | * 15.709795     | 41.04             | ADR  | 40.8                 | -38.8          | 5                      | 1.31       | 44.65                        | 53.97               | -            | -                    | -               | -                                | -               | -                 | -               | 68.2             | -23.95       | 7              | 186          | H         |
| 4           | 10.452125       | 54.68             | PK-U | 37.4                 | -39.5          | 7                      | 0          | 53.25                        | 53.97               | -            | -                    | -               | 68.2                             | -14.97          | 88.2              | -34.97          | -                | -            | 80             | 356          | V         |
|             | 10.45393        | 42.56             | ADR  | 37.4                 | -39.4          | 7                      | 1.31       | 42.57                        | -                   | -            | -                    | -               | -                                | -               | -                 | -               | 68.2             | -25.63       | 80             | 356          | V         |
| 5           | * 12.024677     | 53.36             | PK-U | 38.7                 | -38.7          | 6                      | 0          | 54.26                        | 53.97               | -            | 74                   | -19.74          | -                                | -               | 88.2              | -32.94          | 68.2             | -24.95       | 242            | 389          | V         |
|             | * 12.023866     | 41.64             | ADR  | 38.7                 | -38.7          | 6                      | 1.31       | 43.25                        | 53.97               | -10.72       | -                    | -               | -                                | -               | -                 | -               | 68.2             | -24.95       | 242            | 389          | V         |
| 6           | * 15.702971     | 52.78             | PK-U | 40.8                 | -38.7          | 6                      | 0          | 55.48                        | 53.97               | -            | 74                   | -18.52          | -                                | -               | 88.2              | -32.72          | 68.2             | -23.34       | 156            | 239          | V         |
|             | * 15.702944     | 41.05             | ADR  | 40.8                 | -38.9          | 6                      | 1.31       | 44.85                        | 53.97               | -8.11        | -                    | -               | -                                | -               | -                 | -               | 68.2             | -23.34       | 156            | 239          | V         |

\* - Indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
PK-U - U-NII: Maximum Peak  
ADR - U-NII AD primary method, RMS average

### 10.3. WORST CASE BELOW 30MHz

#### SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



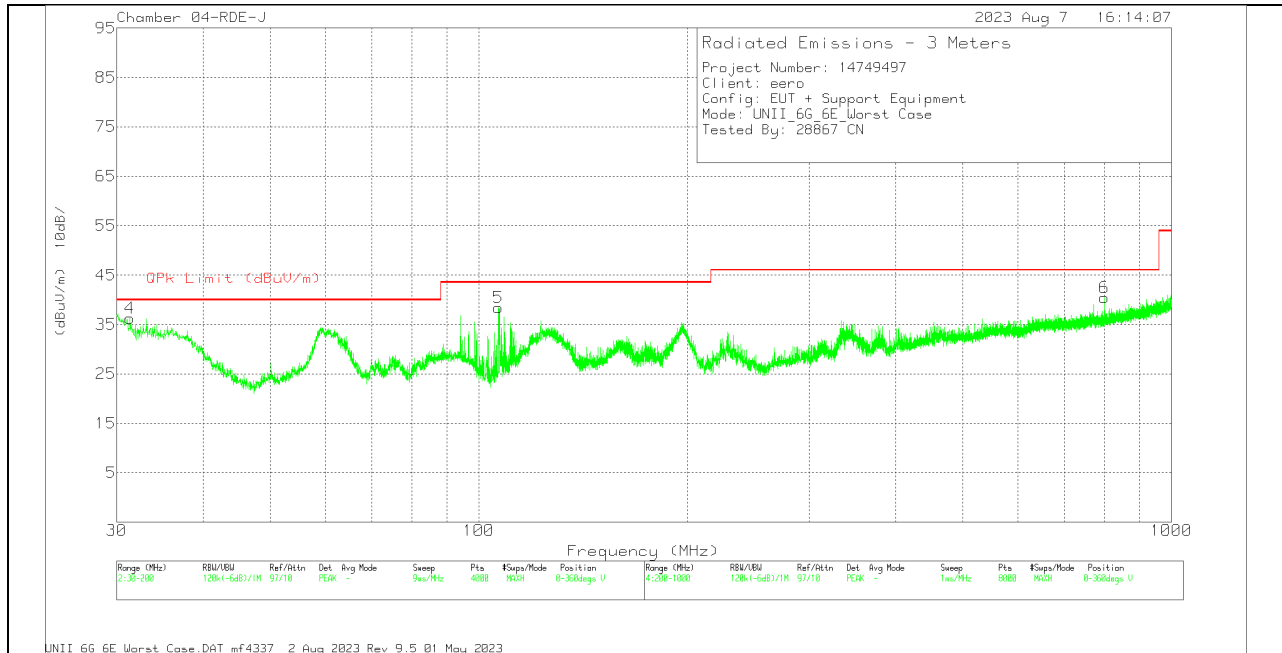
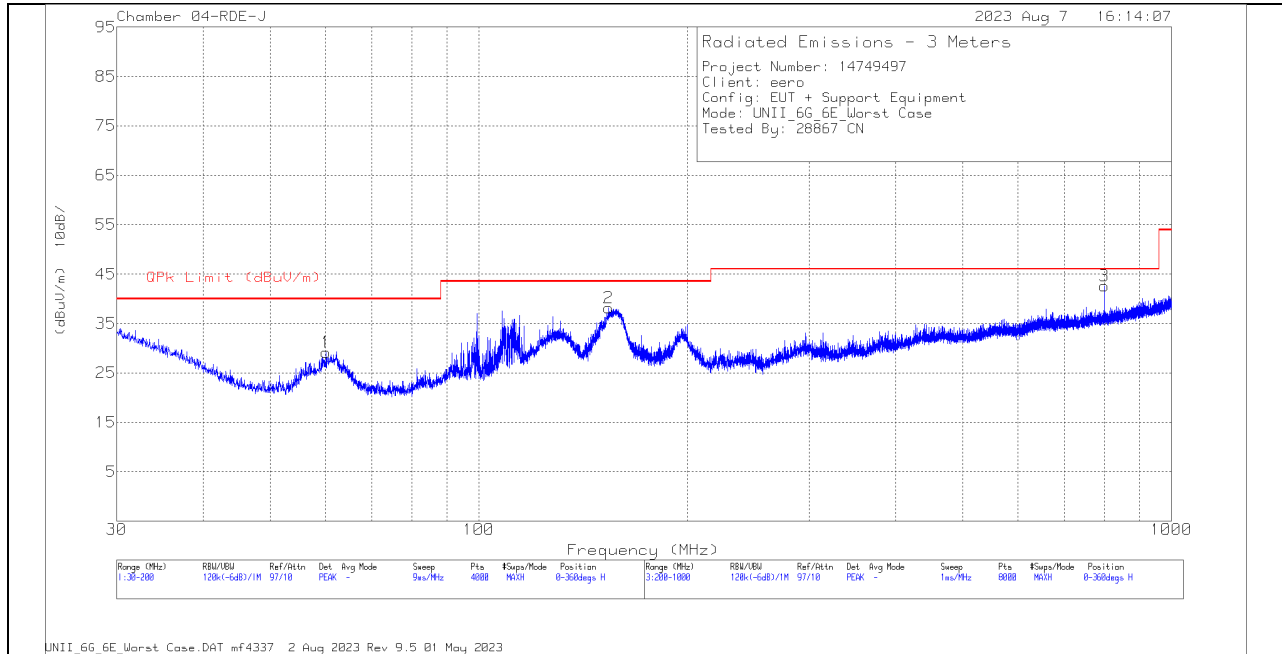
#### Below 30MHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna E(ACF) | Amp/Cables (dB) | Dist Corr 30m (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|-----------------|--------------------|----------------------------|---------------------|-------------|--------------------|-------------|---------------------|-------------|--------------------|-------------|----------------|
| 1      | .0381           | 21.8                 | Pk  | 57.4                | -32.3           | -80                | -33.1                      | 55.98               | -89.08      | 35.98              | -69.08      | -                   | -           | -                  | -           | 0-360          |
| 2      | .2643           | 21.67                | Pk  | 56.2                | -32.2           | -80                | -34.33                     | -                   | -           | -                  | -           | 39.17               | -73.5       | 19.17              | -53.5       | 0-360          |
| 6      | .0379           | 22.44                | Pk  | 57.4                | -32.3           | -80                | -32.46                     | 56.01               | -88.47      | 36.01              | -68.47      | -                   | -           | -                  | -           | 0-360          |
| 7      | .2655           | 18.8                 | Pk  | 56.2                | -32.2           | -80                | -37.2                      | -                   | -           | -                  | -           | 39.13               | -76.33      | 19.13              | -56.33      | 0-360          |

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna E(ACF) | Amp/Cables (dB) | Dist Corr 30m (dB) | Corrected Reading (dBuV/m) | QP Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|-----------------|--------------------|----------------------------|-------------------|-------------|----------------|
| 3      | .6292           | 19.34                | Pk  | 56.3                | -32.2           | -40                | 3.44                       | 31.63             | -28.19      | 0-360          |
| 8      | .6231           | 15.78                | Pk  | 56.3                | -32.2           | -40                | -1.2                       | 31.72             | -31.84      | 0-360          |
| 4      | 1.155           | 21.97                | Pk  | 45.9                | -32.2           | -40                | -4.33                      | 26.37             | -30.7       | 0-360          |
| 5      | 25.242          | 26.92                | Pk  | 33.6                | -31.7           | -40                | -11.18                     | 29.5              | -40.68      | 0-360          |
| 9      | 1.1643          | 18.69                | Pk  | 45.8                | -32.2           | -40                | -7.71                      | 26.3              | -34.01      | 0-360          |
| 10     | 24.8763         | 31.01                | Pk  | 33.6                | -31.7           | -40                | -7.09                      | 29.5              | -36.59      | 0-360          |

Pk - Peak detector

## 10.4. WORST CASE BELOW 1 GHz (Foxlink PSU)



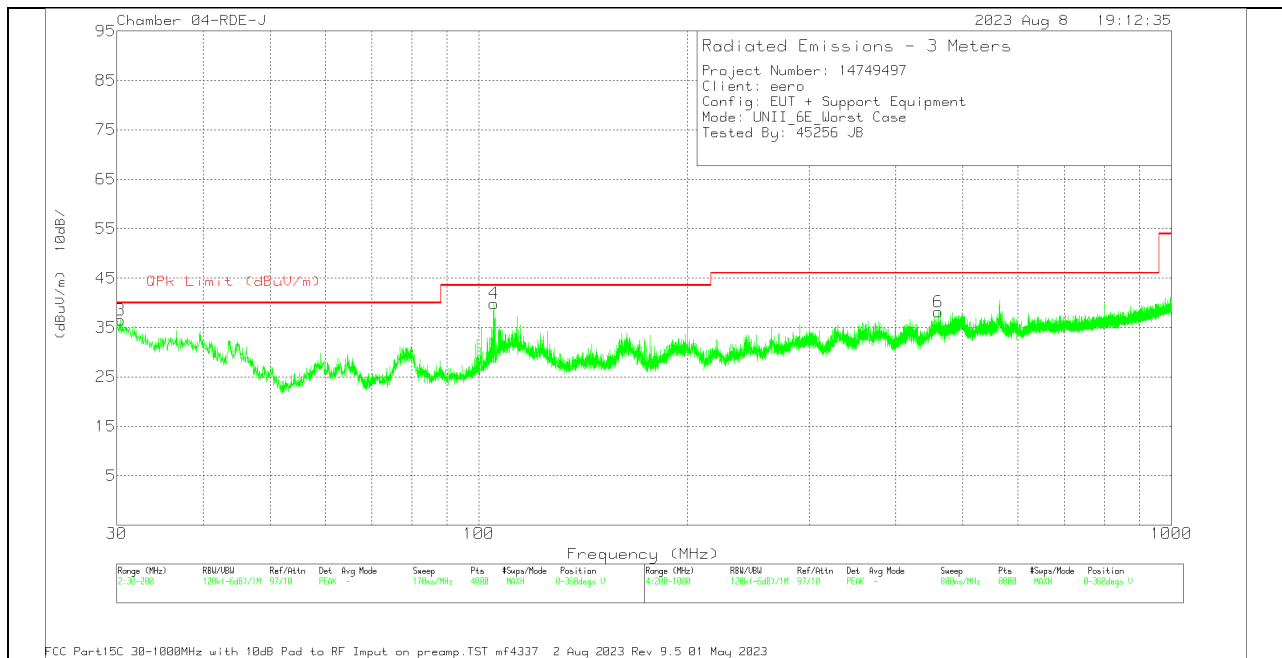
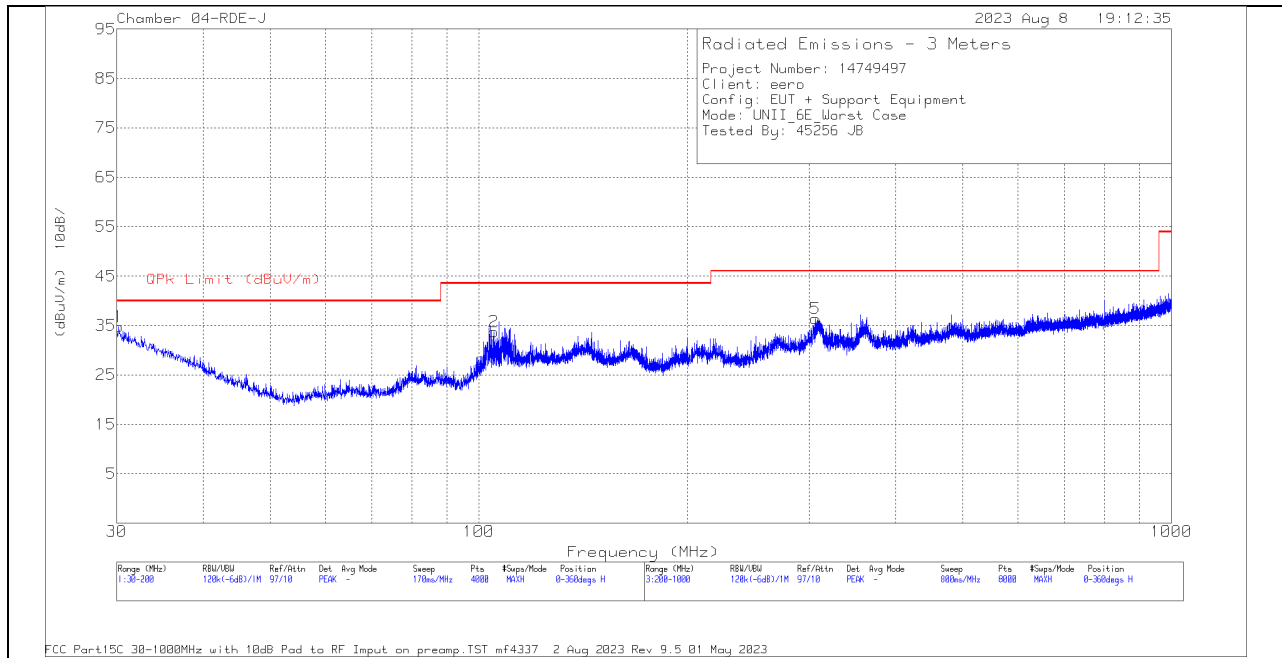
## Below 1 GHz DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 80293 ACF (dB) 10m H | Ampl/Cbl (dB) | 10 dB Pad | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------------|---------------|-----------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | 60.1403         | 37.37                | Pk  | 13.3                 | -31.5         | 10        | 29.17                      | 40                 | -10.83      | -              | 399         | H        |
| 2      | 153.959         | 16.79                | Qp  | 18.3                 | -31           | 10        | 14.09                      | 43.52              | -29.43      | 328            | 294         | H        |
| 4      | 31.2096         | 14.73                | Qp  | 25.9                 | -31.8         | 10        | 18.83                      | 40                 | -21.17      | 7              | 179         | V        |
| 5      | 106.662         | 16                   | Qp  | 17.7                 | -31.2         | 10        | 12.5                       | 43.52              | -31.02      | 353            | 397         | V        |
| 3      | 799.791         | 21.64                | Qp  | 27                   | -28.8         | 10        | 29.84                      | 46.02              | -16.18      | 179            | 110         | H        |
| 6      | 799.578         | 21.64                | Qp  | 27                   | -28.8         | 10        | 29.84                      | 46.02              | -16.18      | 72             | 382         | V        |

Pk - Peak detector

Qp - Quasi-Peak detector

## 10.5. WORST CASE BELOW 1 GHz (Luxshare PSU)



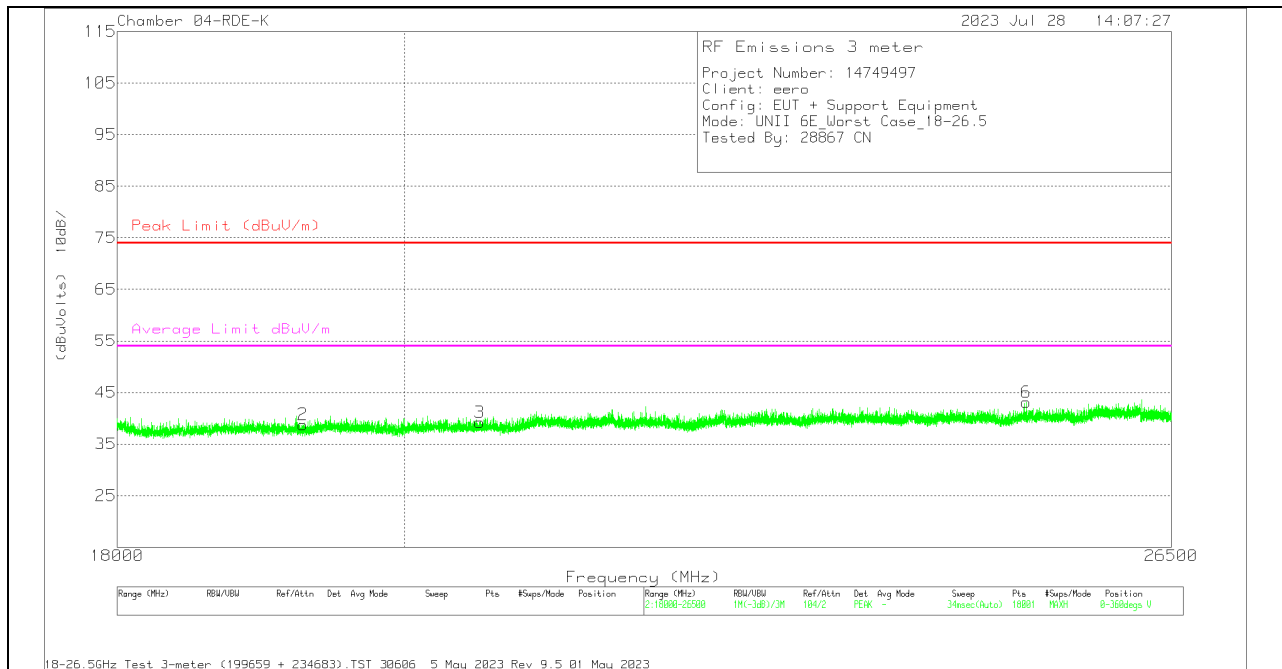
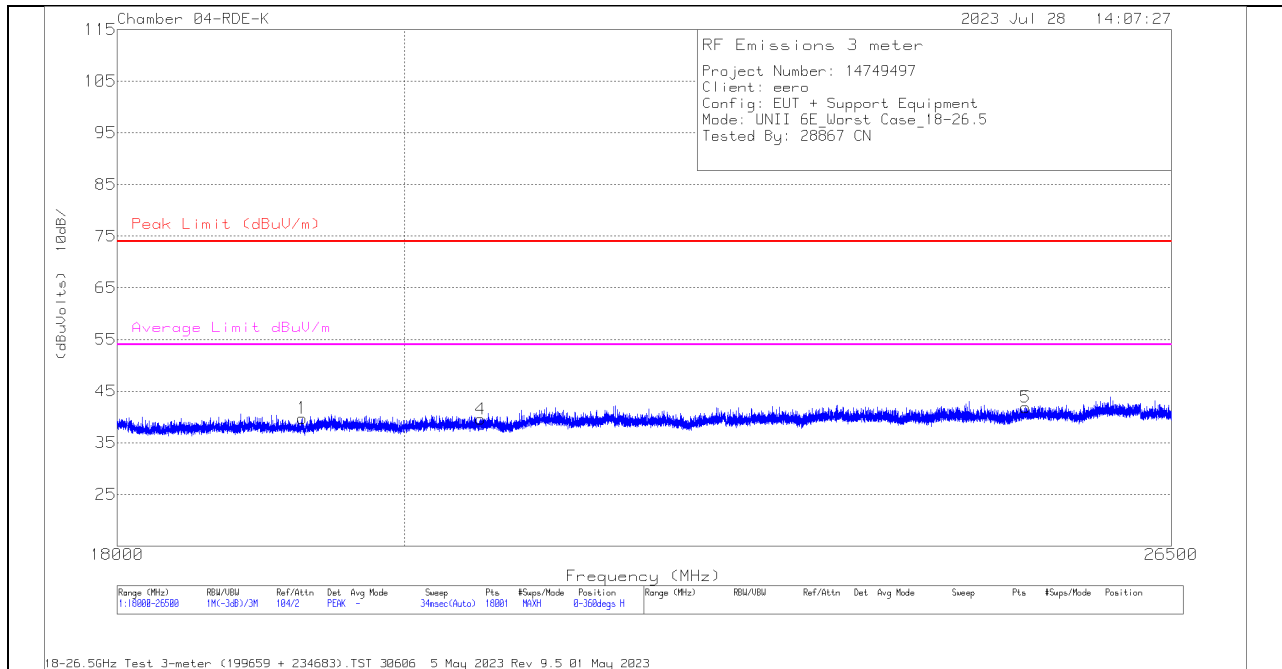
## Below 1 GHz DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 80293 ACF (dB) 10m H | Ampl/Cbl (dB) | 10 dB Pad | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------------|---------------|-----------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | 30.2514         | 22.03                | Qp  | 26.5                 | -31.8         | 10        | 26.73                      | 40                 | -13.27      | 36             | 252         | H        |
| 2      | 105.202         | 37.62                | Pk  | 17.3                 | -31.2         | 10        | 33.72                      | 43.52              | -9.8        | 0-360          | 299         | H        |
| 3      | 30.4724         | 26.21                | Qp  | 26.4                 | -31.8         | 10        | 30.81                      | 40                 | -9.19       | 110            | 112         | V        |
| 4      | 105.981         | 29.07                | Qp  | 17.5                 | -31.2         | 10        | 25.37                      | 43.52              | -18.15      | 125            | 109         | V        |
| 5      | 306.114         | 37.08                | Pk  | 19.6                 | -30.3         | 10        | 36.38                      | 46.02              | -9.64       | 0-360          | 99          | H        |
| 6      | 460.634         | 34.94                | Pk  | 23.1                 | -29.9         | 10        | 38.14                      | 46.02              | -7.88       | 0-360          | 99          | V        |

Pk - Peak detector

Qp - Quasi-Peak detector

## 10.6. WORST CASE 18-26 GHz



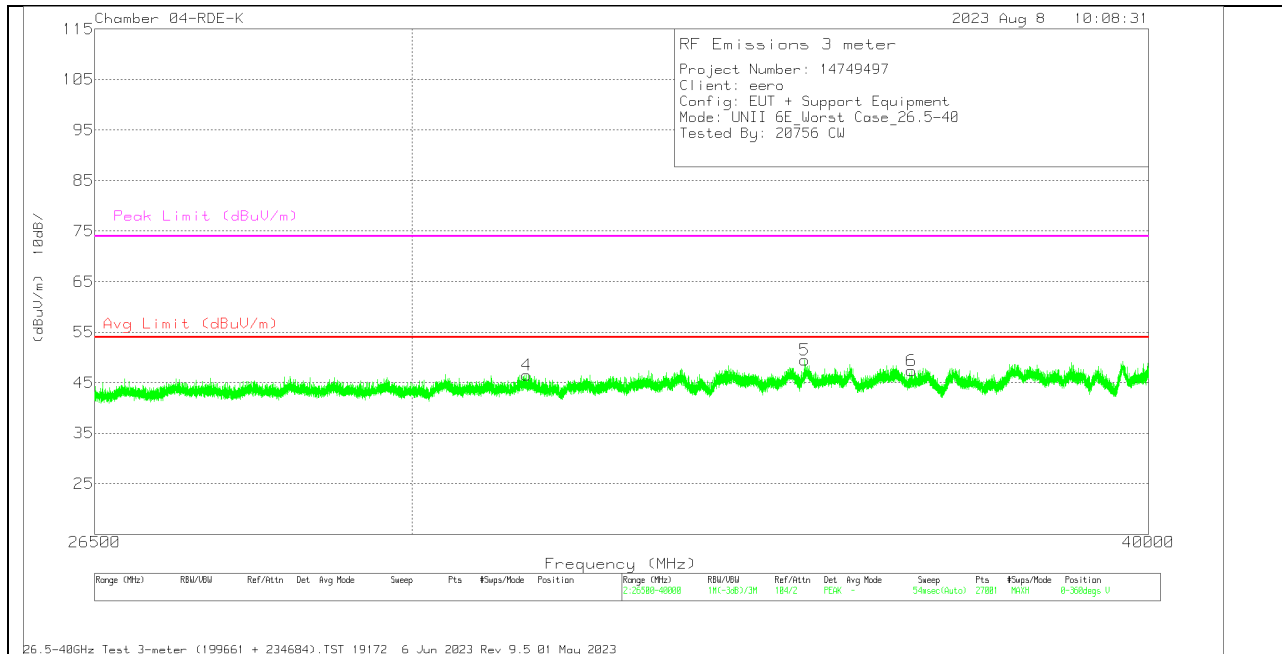
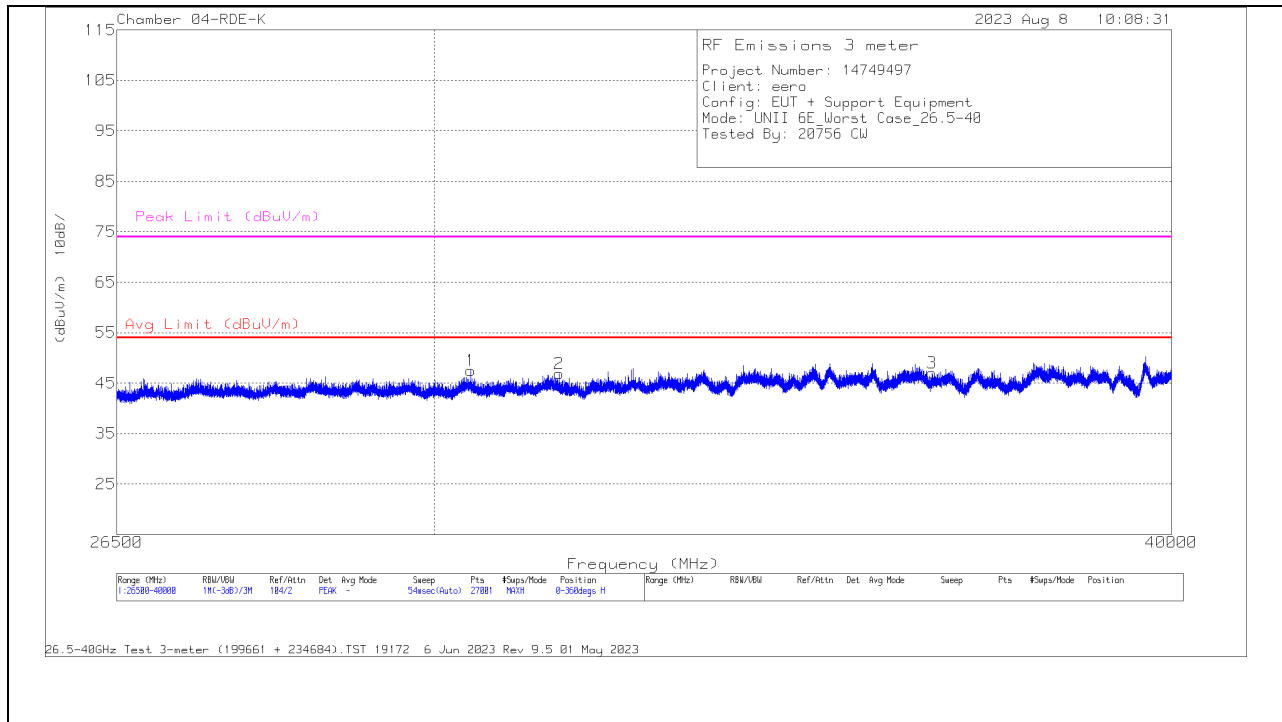
## 18-26 GHz DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Horn ACF (dB/m) | 234683 Amp/Cbl (dB) | Cables (dB) | Corrected Reading (dBuVolts) | Peak Limit (dBuV/m) | PK Margin (dB) | Average Limit dBuV/m | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|-----------------|---------------------|-------------|------------------------------|---------------------|----------------|----------------------|-------------|----------------|
| 1      | * 19264.138     | 51.33                | Pk  | 32.5            | -62.6               | 18.5        | 39.73                        | 74                  | -34.27         | -                    | -           | 0-360          |
| 4      | * 20566.054     | 49.19                | Pk  | 32.9            | -61.5               | 19          | 39.59                        | 74                  | -34.41         | -                    | -           | 0-360          |
| 5      | 25120.636       | 48.87                | Pk  | 34.1            | -62                 | 20.9        | 41.87                        | 74                  | -32.13         | -                    | -           | 0-360          |
| 2      | * 19269.333     | 50.37                | Pk  | 32.5            | -62.6               | 18.5        | 38.77                        | 74                  | -35.23         | -                    | -           | 0-360          |
| 3      | * 20560.388     | 48.81                | Pk  | 32.9            | -61.5               | 19          | 39.21                        | 74                  | -34.79         | -                    | -           | 0-360          |
| 6      | 25128.191       | 50.09                | Pk  | 34.1            | -62                 | 20.9        | 43.09                        | 74                  | -30.91         | -                    | -           | 0-360          |

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



## 10.7. WORST CASE 26-40 GHz



## 26-40 GHz DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Horn ACF (dB/m) | 234684 Amp/Cbl (dB) | Cables (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|---------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 30428           | 46.72                | Pk  | 36.6            | -59.1               | 23.3        | 47.52                      | -                  | -           | 74                  | -26.48         | 0-360          | 200         | H        |
| 2      | * 31496.5       | 47.29                | Pk  | 36.6            | -60.7               | 23.7        | 46.89                      | -                  | -           | 74                  | -27.11         | 0-360          | 101         | H        |
| 3      | * 36435         | 45.68                | Pk  | 37.6            | -62.2               | 25.9        | 46.98                      | -                  | -           | 74                  | -27.02         | 0-360          | 200         | H        |
| 4      | * 31374         | 46.8                 | Pk  | 36.7            | -60.7               | 23.7        | 46.5                       | -                  | -           | 74                  | -27.5          | 0-360          | 200         | V        |
| 5      | 34974           | 47.09                | Pk  | 37.4            | -60.2               | 25.2        | 49.49                      | -                  | -           | 74                  | -24.51         | 0-360          | 200         | V        |
| 6      | * 36462         | 45.82                | Pk  | 37.6            | -62                 | 25.9        | 47.32                      | -                  | -           | 74                  | -26.68         | 0-360          | 101         | V        |

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

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

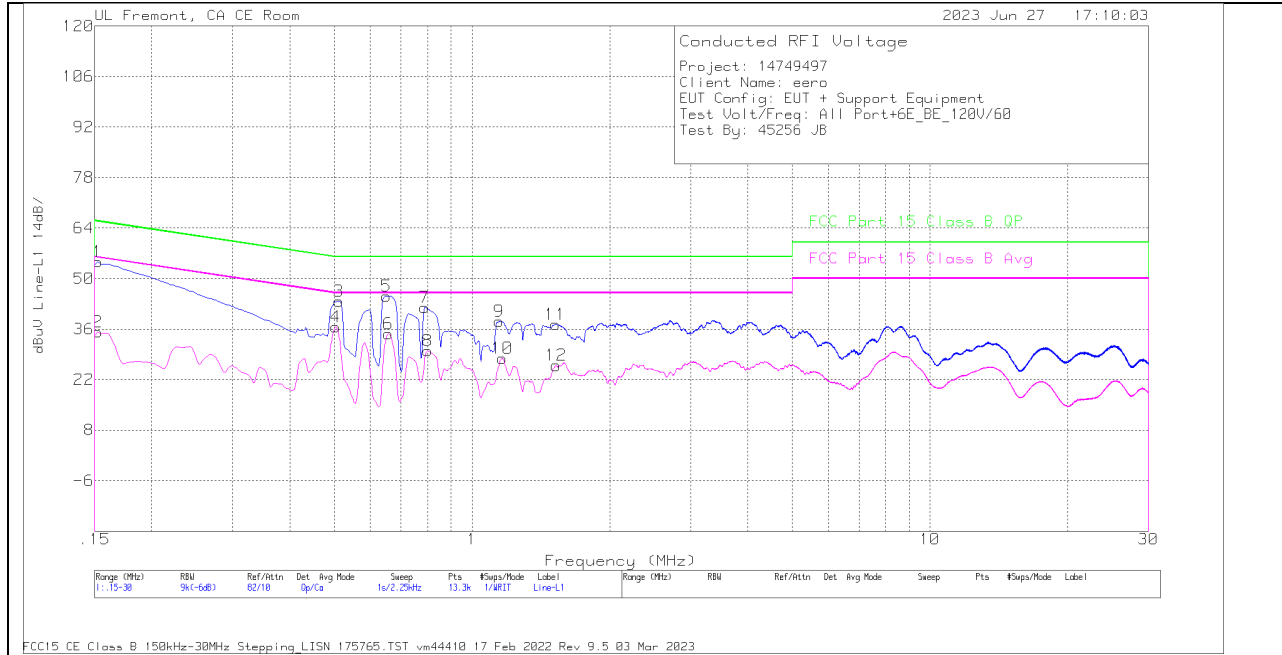
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

## 11.1. AC POWER LINE (Foxlink PSU)

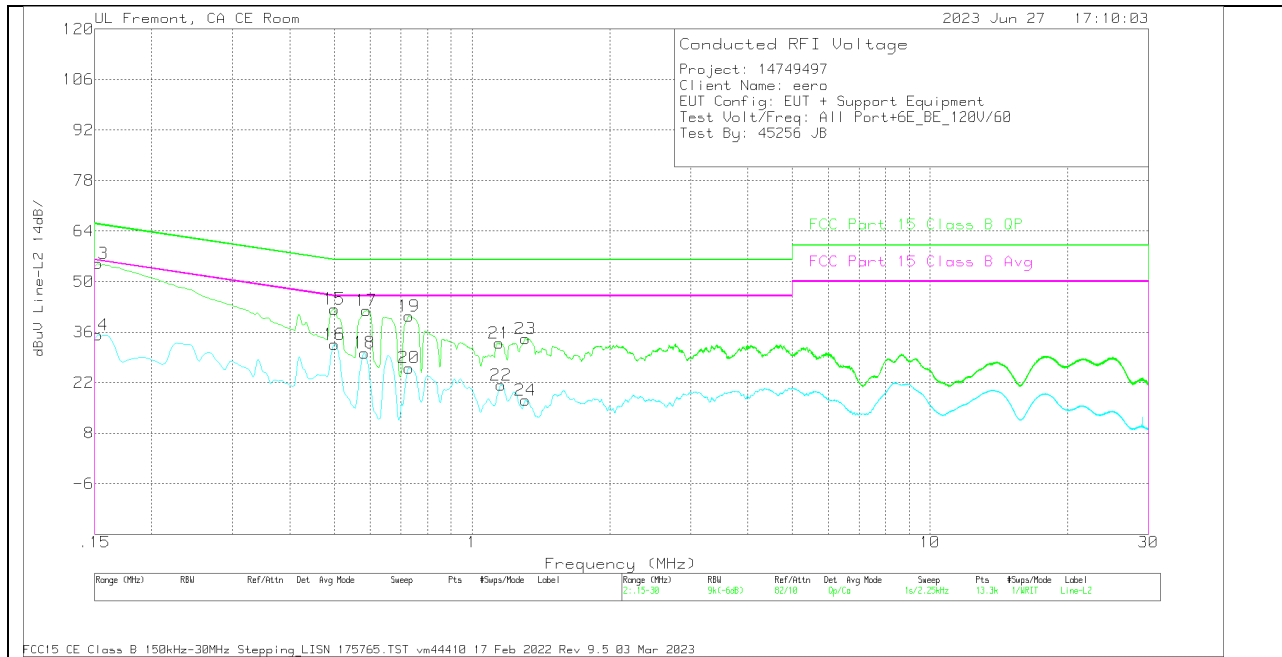
### LINE 1 RESULTS



| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |             |                       |                                |                        |                        |                |                         |                       |
|------------------------------|-----------------|----------------------|-----|-------------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | L1_LISN.csv | C1&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 2                            | .1523           | 25.86                | Ca  | 0           | 0                     | 9.4                            | 35.26                  | -                      | -              | 55.88                   | -20.62                |
| 4                            | .5033           | 27.2                 | Ca  | 0           | .1                    | 9.3                            | 36.6                   | -                      | -              | 46                      | -9.4                  |
| 6                            | .6563           | 25.31                | Ca  | 0           | .1                    | 9.3                            | 34.71                  | -                      | -              | 46                      | -11.29                |
| 8                            | .8003           | 20.55                | Ca  | 0           | .1                    | 9.3                            | 29.95                  | -                      | -              | 46                      | -16.05                |
| 10                           | 1.1625          | 18.57                | Ca  | 0           | .1                    | 9.3                            | 27.97                  | -                      | -              | 46                      | -18.03                |
| 12                           | 1.5248          | 16.53                | Ca  | 0           | .1                    | 9.3                            | 25.93                  | -                      | -              | 46                      | -20.07                |
| 1                            | .1523           | 45.26                | Qp  | 0           | 0                     | 9.4                            | 54.66                  | 65.88                  | -11.22         | -                       | -                     |
| 3                            | .5123           | 34.36                | Qp  | 0           | .1                    | 9.3                            | 43.76                  | 56                     | -12.24         | -                       | -                     |
| 5                            | .6495           | 35.76                | Qp  | 0           | .1                    | 9.3                            | 45.16                  | 56                     | -10.84         | -                       | -                     |
| 7                            | .789            | 32.65                | Qp  | 0           | .1                    | 9.3                            | 42.05                  | 56                     | -13.95         | -                       | -                     |
| 9                            | 1.1468          | 28.78                | Qp  | 0           | .1                    | 9.3                            | 38.18                  | 56                     | -17.82         | -                       | -                     |
| 11                           | 1.5203          | 27.96                | Qp  | 0           | .1                    | 9.3                            | 37.36                  | 56                     | -18.64         | -                       | -                     |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## LINE 2 RESULTS

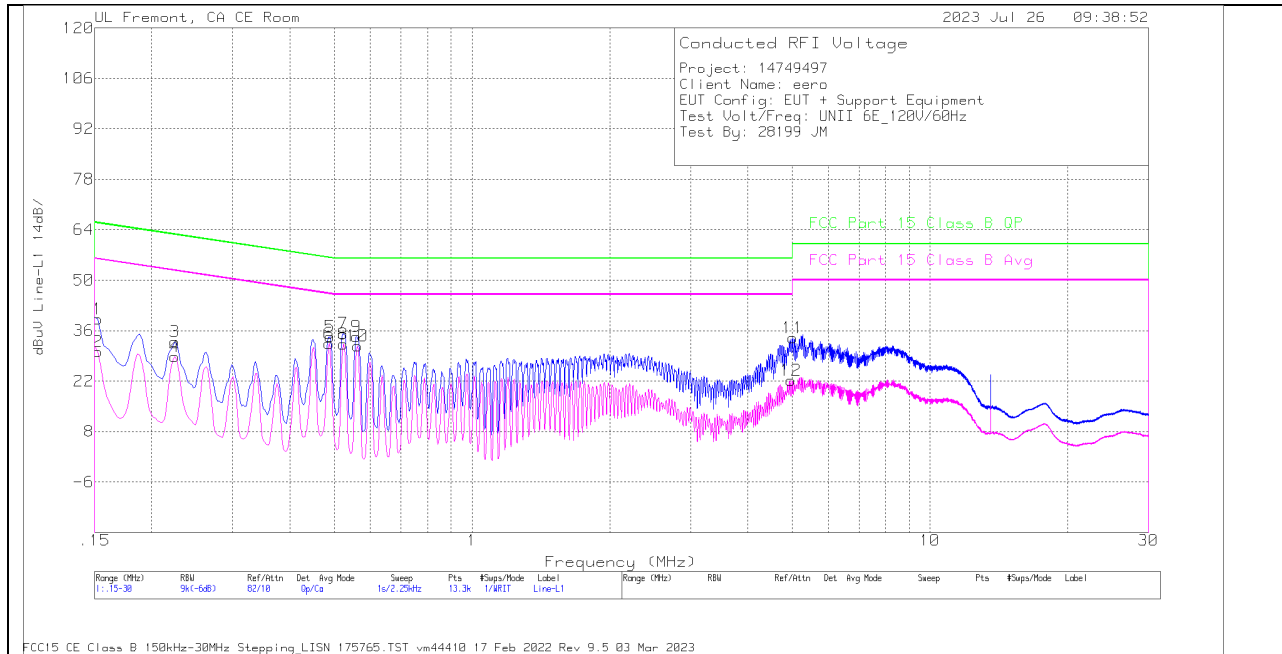


| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |         |                       |                                |                        |                        |                |                         |                      |
|------------------------------|-----------------|----------------------|-----|---------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | L2_LISN | C2&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)Margin (dB) |
| 14                           | .1523           | 25.9                 | Ca  | 0       | 0                     | 9.4                            | 35.3                   | -                      | -              | 55.88                   | -20.58               |
| 16                           | .501            | 23.29                | Ca  | 0       | .1                    | 9.3                            | 32.69                  | -                      | -              | 46                      | -13.31               |
| 18                           | .582            | 20.87                | Ca  | 0       | .1                    | 9.3                            | 30.27                  | -                      | -              | 46                      | -15.73               |
| 20                           | .7283           | 16.7                 | Ca  | 0       | .1                    | 9.3                            | 26.1                   | -                      | -              | 46                      | -19.9                |
| 22                           | 1.158           | 11.92                | Ca  | 0       | .1                    | 9.3                            | 21.32                  | -                      | -              | 46                      | -24.68               |
| 24                           | 1.3088          | 7.74                 | Ca  | 0       | .1                    | 9.3                            | 17.14                  | -                      | -              | 46                      | -28.86               |
| 13                           | .1523           | 45.61                | Qp  | 0       | 0                     | 9.4                            | 55.01                  | 65.88                  | -10.87         | -                       | -                    |
| 15                           | .501            | 33.03                | Qp  | 0       | .1                    | 9.3                            | 42.43                  | 56                     | -13.57         | -                       | -                    |
| 17                           | .5888           | 32.57                | Qp  | 0       | .1                    | 9.3                            | 41.97                  | 56                     | -14.03         | -                       | -                    |
| 19                           | .7283           | 31.03                | Qp  | 0       | .1                    | 9.3                            | 40.43                  | 56                     | -15.57         | -                       | -                    |
| 21                           | 1.1468          | 23.52                | Qp  | 0       | .1                    | 9.3                            | 32.92                  | 56                     | -23.08         | -                       | -                    |
| 23                           | 1.3065          | 24.83                | Qp  | 0       | .1                    | 9.3                            | 34.23                  | 56                     | -21.77         | -                       | -                    |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## 11.2. AC POWER LINE (Luxshare PSU)

### LINE 1 RESULTS

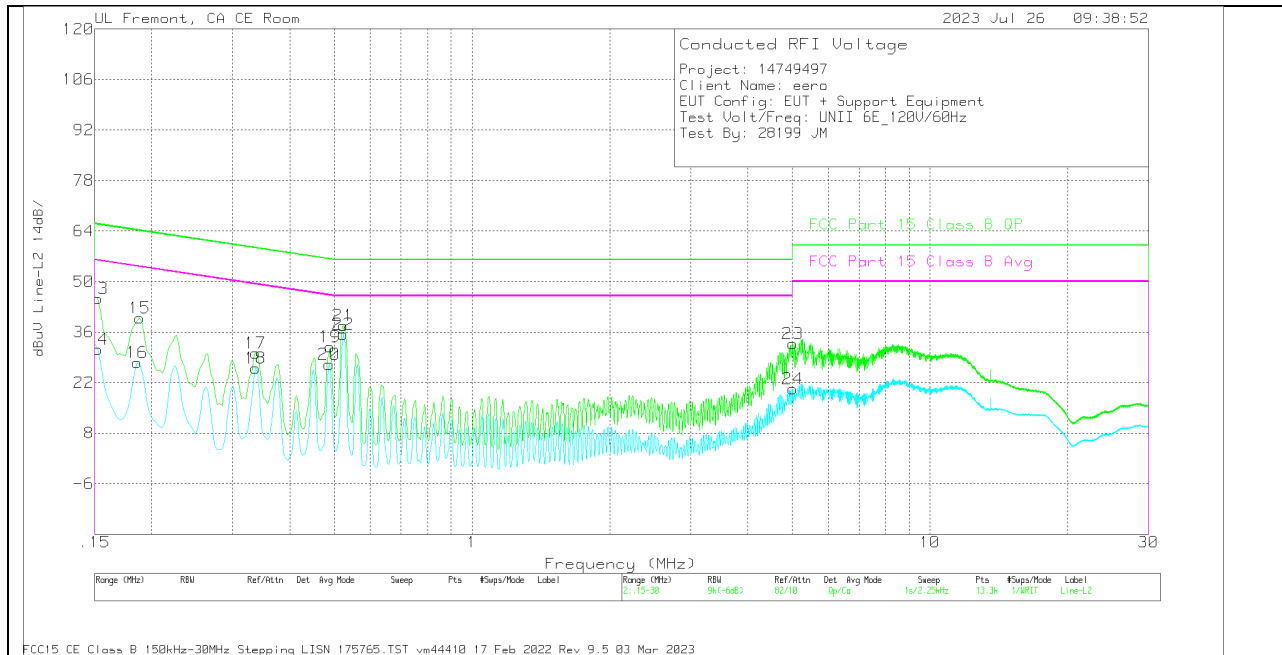


| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |             |                       |                                |                        |                        |                |                         |                       |
|------------------------------|-----------------|----------------------|-----|-------------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | L1_LISN.csv | C1&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 2                            | .1523           | 20.79                | Ca  | 0           | 0                     | 9.4                            | 30.19                  | -                      | -              | 55.88                   | -25.69                |
| 4                            | .2243           | 19.45                | Ca  | 0           | 0                     | 9.3                            | 28.75                  | -                      | -              | 52.66                   | -23.91                |
| 6                            | .4875           | 22.98                | Ca  | 0           | .1                    | 9.3                            | 32.38                  | -                      | -              | 46.21                   | -13.83                |
| 8                            | .5235           | 22.88                | Ca  | 0           | .1                    | 9.3                            | 32.28                  | -                      | -              | 46                      | -13.72                |
| 10                           | .5618           | 22.38                | Ca  | 0           | .1                    | 9.3                            | 31.78                  | -                      | -              | 46                      | -14.22                |
| 12                           | 4.9695          | 12.78                | Ca  | 0           | .1                    | 9.3                            | 22.18                  | -                      | -              | 46                      | -23.82                |
| 1                            | .1523           | 29.84                | Qp  | 0           | 0                     | 9.4                            | 39.24                  | 65.88                  | -26.64         | -                       | -                     |
| 3                            | .2243           | 23.73                | Qp  | 0           | 0                     | 9.3                            | 33.03                  | 62.66                  | -29.63         | -                       | -                     |
| 5                            | .4898           | 25.03                | Qp  | 0           | .1                    | 9.3                            | 34.43                  | 56.17                  | -21.74         | -                       | -                     |
| 7                            | .5235           | 25.83                | Qp  | 0           | .1                    | 9.3                            | 35.23                  | 56                     | -20.77         | -                       | -                     |
| 9                            | .5595           | 25.02                | Qp  | 0           | .1                    | 9.3                            | 34.42                  | 56                     | -21.58         | -                       | -                     |
| 11                           | 5.0123          | 24.55                | Qp  | 0           | .1                    | 9.3                            | 33.95                  | 60                     | -26.05         | -                       | -                     |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



Qp - Quasi-Peak detector  
Ca - CISPR average detection

## **12. SETUP PHOTOS**

Please refer to 14749497-EP2 for setup photo.

## **END OF TEST REPORT**