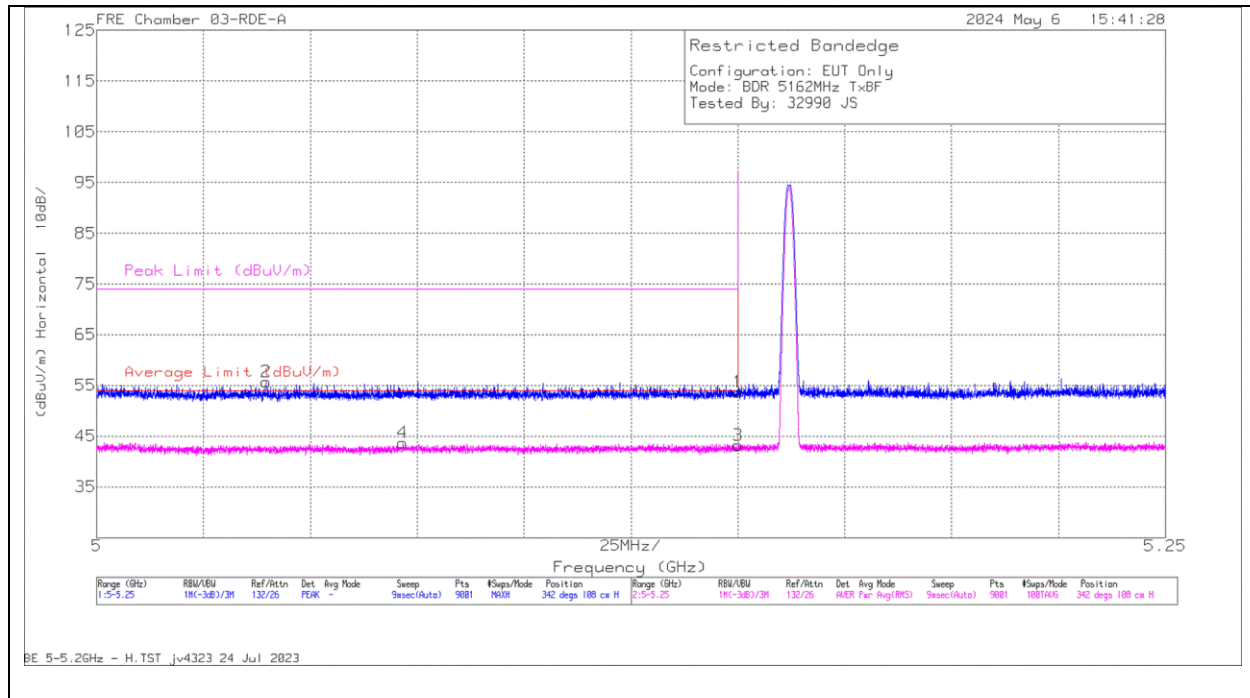


**2TX Antenna 6 + Antenna 5 TX BF MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

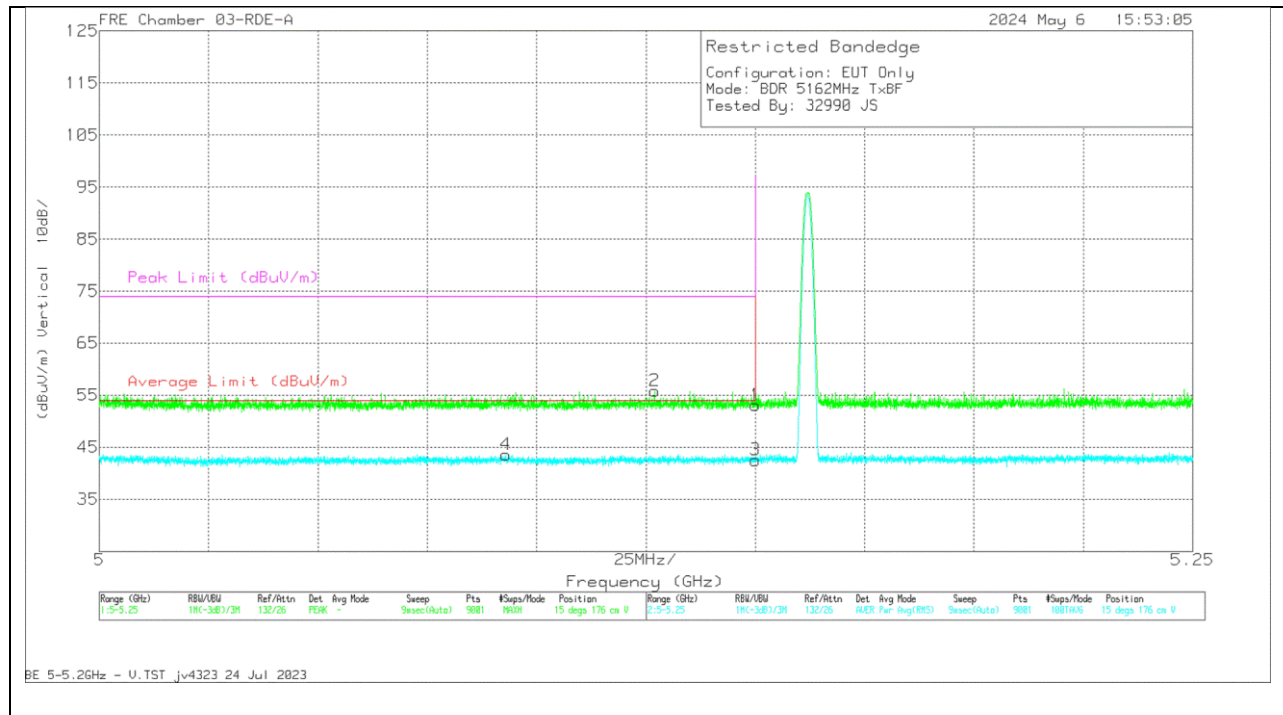
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 57.82                | Pk  | 34.2              | -38.28         | 53.74                      | -                      | -           | 74                  | -20.26         | 342            | 108         | H        |
| 2      | * 5.039639      | 60.04                | Pk  | 34                | -38.34         | 55.7                       | -                      | -           | 74                  | -18.3          | 342            | 108         | H        |
| 3      | * 5.15          | 47.24                | RMS | 34.2              | -38.28         | 43.16                      | 54                     | -10.84      | -                   | -              | 342            | 108         | H        |
| 4      | * 5.071639      | 48                   | RMS | 34.1              | -38.36         | 43.74                      | 54                     | -10.26      | -                   | -              | 342            | 108         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dBm) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 57.21                | Pk  | 34.2             | -38.28         | 53.13                      | -                      | -           | 74                  | -20.87         | 15             | 176         | V        |
| 2      | * 5.126973      | 59.99                | Pk  | 34.2             | -38.35         | 55.84                      | -                      | -           | 74                  | -18.16         | 15             | 176         | V        |
| 3      | * 5.15          | 46.61                | RMS | 34.2             | -38.28         | 42.53                      | 54                     | -11.47      | -                   | -              | 15             | 176         | V        |
| 4      | * 5.093001      | 47.81                | RMS | 34.1             | -38.28         | 43.63                      | 54                     | -10.37      | -                   | -              | 15             | 176         | V        |

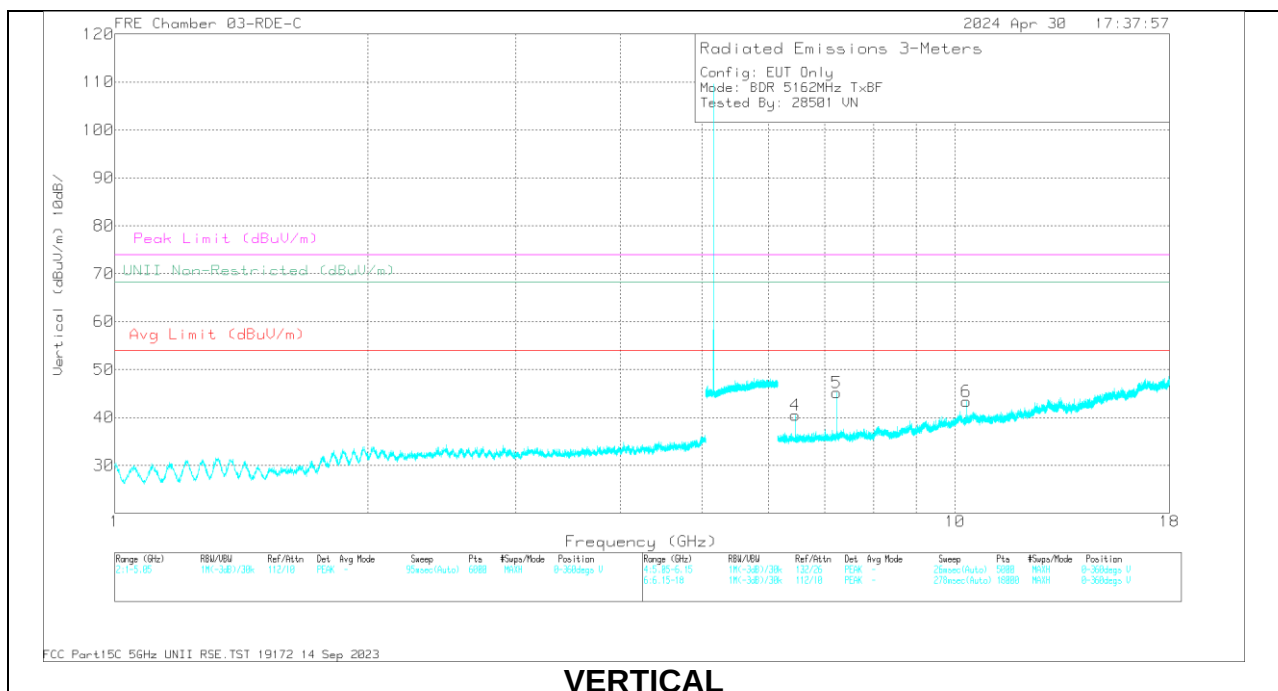
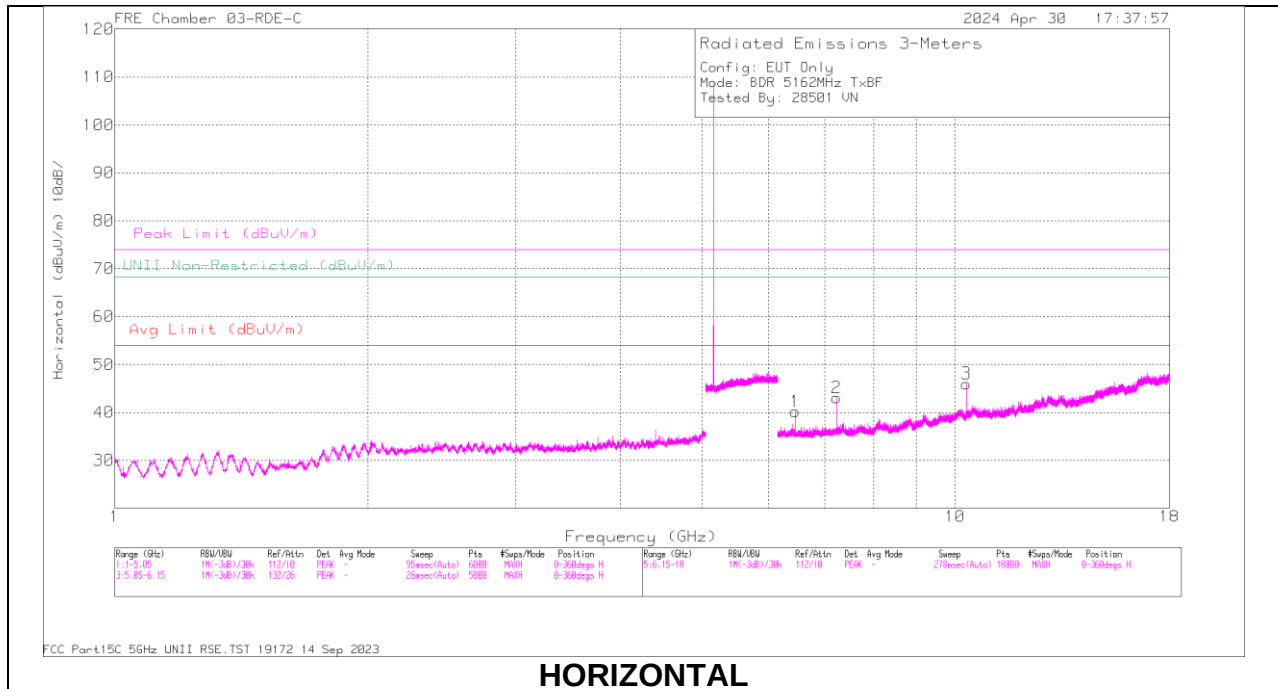
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### 10.1.3. BDR, HIGH POWER, UNII-1, HARMONIC AND SPURIOUS IN THE 5.2 GHZ BAND

#### LOW CHANNEL 5162MHz

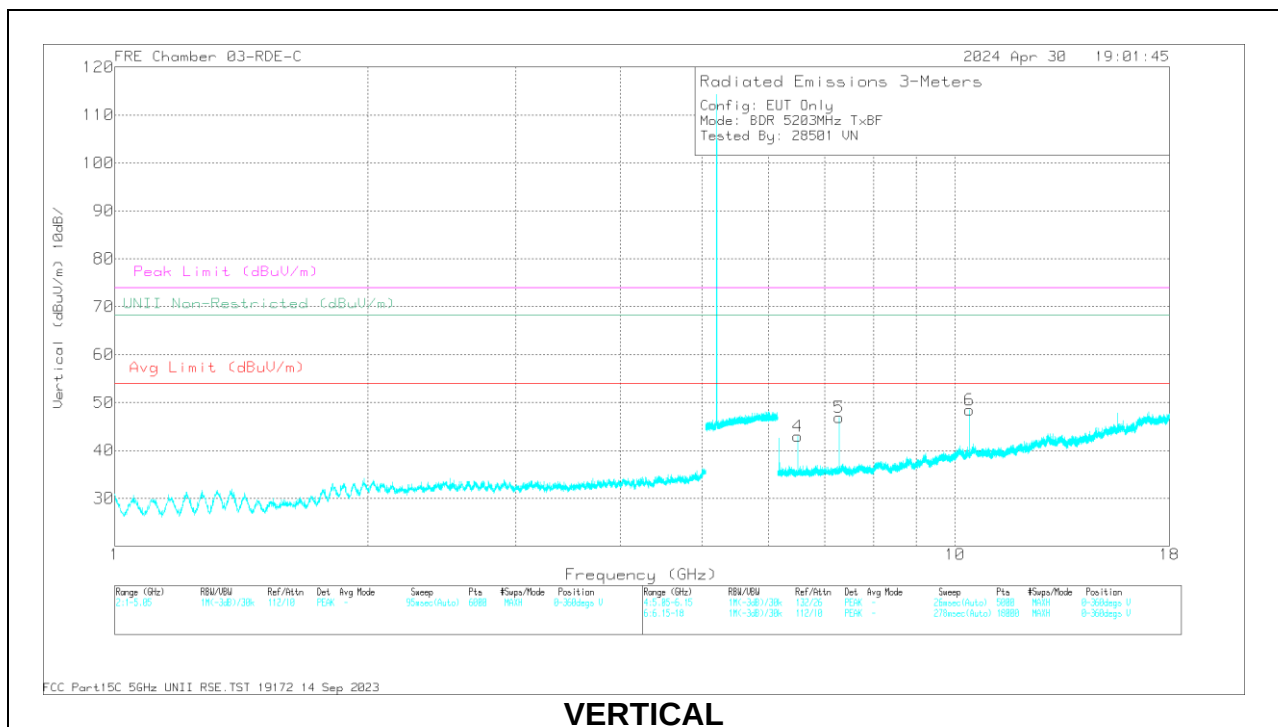
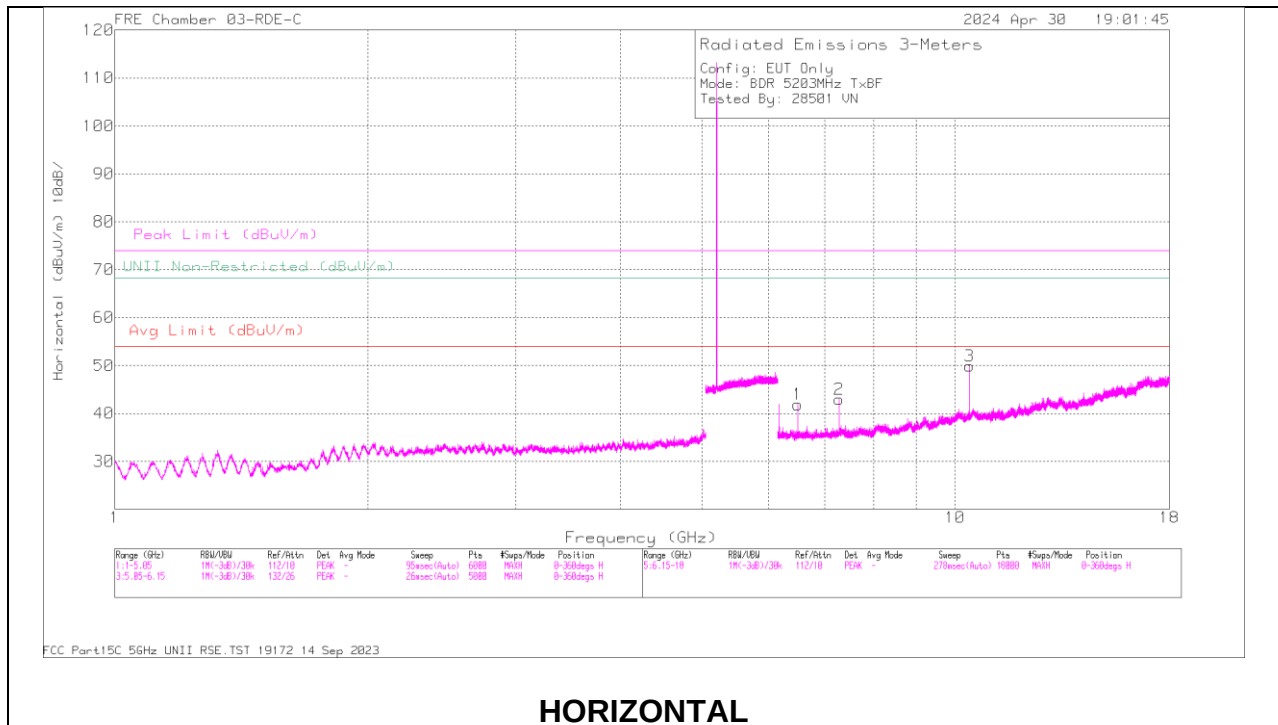


## DATA:

| Marker | Frequency<br>(GHz) | Meter<br>Reading<br>(dBuV) | Det  | 223084 ACF<br>(dB/m) 3m | Gain/Loss<br>(dB) | Corrected<br>Reading<br>(dBuV/m) | UNII Non-<br>Restricted<br>(dBuV/m) | PK Margin<br>(dB) | Azimuth<br>(Degs) | Height<br>(cm) | Polarity |
|--------|--------------------|----------------------------|------|-------------------------|-------------------|----------------------------------|-------------------------------------|-------------------|-------------------|----------------|----------|
| 1      | 6.451951           | 58.18                      | PK-U | 35.4                    | -45.6             | 47.98                            | 68.2                                | -20.22            | 238               | 222            | H        |
| 4      | 6.45216            | 58.3                       | PK-U | 35.4                    | -45.6             | 48.1                             | 68.2                                | -20.1             | 274               | 151            | V        |
| 2      | 7.226988           | 60.57                      | PK-U | 35.7                    | -46.1             | 50.17                            | 68.2                                | -18.03            | 242               | 264            | H        |
| 5      | 7.22708            | 60.86                      | PK-U | 35.7                    | -46.1             | 50.46                            | 68.2                                | -17.74            | 268               | 126            | V        |
| 3      | 10.3236            | 59.57                      | PK-U | 37.6                    | -45.06            | 52.11                            | 68.2                                | -16.09            | 283               | 133            | H        |
| 6      | 10.324275          | 60.24                      | PK-U | 37.6                    | -45.13            | 52.71                            | 68.2                                | -15.49            | 286               | 302            | V        |

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**MID CHANNEL, 5203MHz**

## DATA:

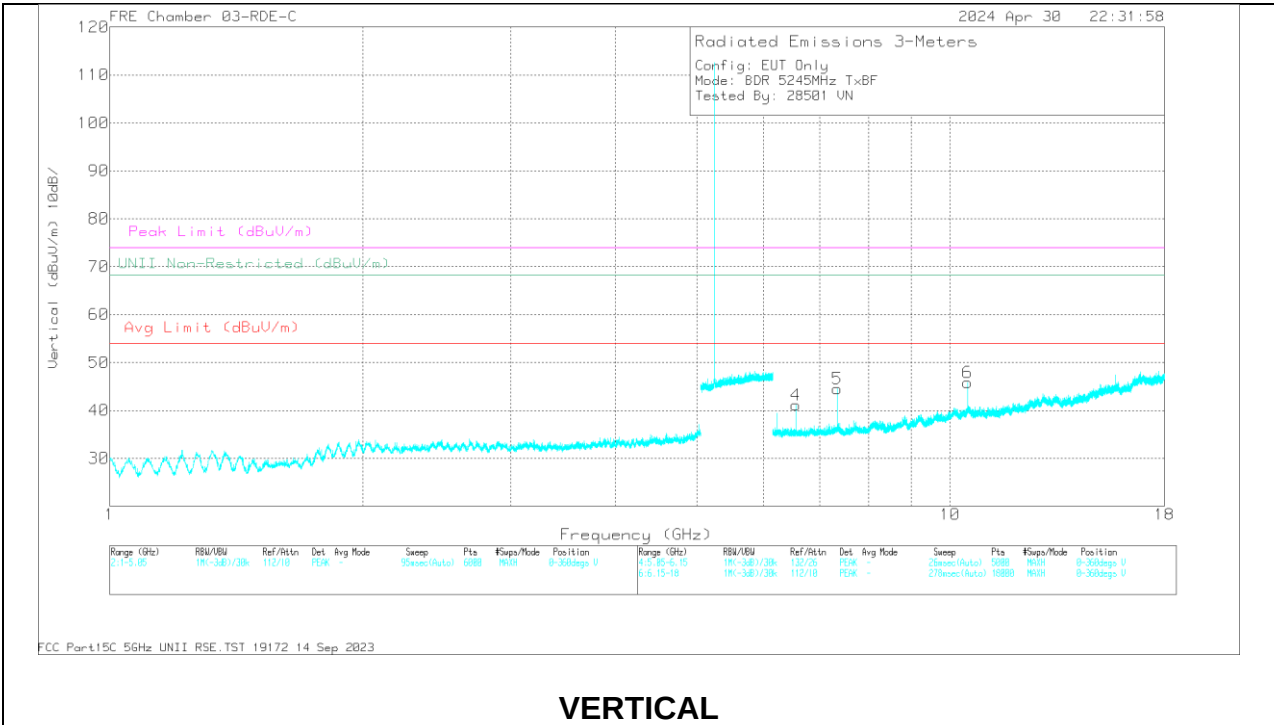
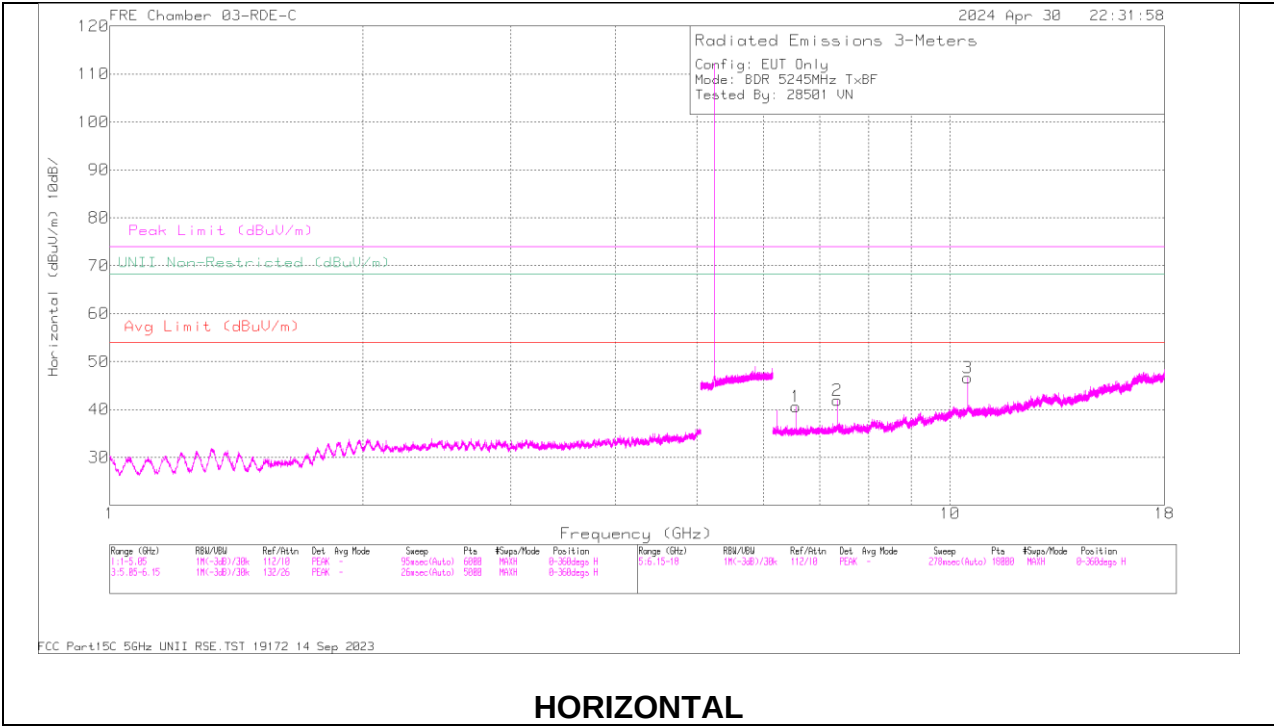
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2      | * 7.284176      | 61.7                 | PK-U | 35.7                 | -45.98         | 51.42                      | -                  | -           | 74                  | -22.58         | -                            | -              | 235            | 266         | H        |
|        | * 7.284112      | 55.07                | ADR  | 35.7                 | -45.99         | 44.78                      | 54                 | -9.22       | -                   | -              | -                            | -              | 235            | 266         | H        |
| 5      | * 7.284245      | 62.36                | PK-U | 35.7                 | -45.98         | 52.08                      | -                  | -           | 74                  | -21.92         | -                            | -              | 274            | 115         | V        |
|        | * 7.284156      | 56.62                | ADR  | 35.7                 | -45.98         | 46.34                      | 54                 | -7.66       | -                   | -              | -                            | -              | 274            | 115         | V        |
| 1      | 6.503507        | 58.76                | PK-U | 35.5                 | -45.5          | 48.76                      | -                  | -           | -                   | -              | 68.2                         | -19.44         | 282            | 101         | H        |
| 4      | 6.503682        | 59.31                | PK-U | 35.5                 | -45.5          | 49.31                      | -                  | -           | -                   | -              | 68.2                         | -18.89         | 286            | 270         | V        |
| 6      | 10.40652        | 62.28                | PK-U | 37.7                 | -44.85         | 55.13                      | -                  | -           | -                   | -              | 68.2                         | -13.07         | 293            | 283         | V        |
| 3      | 10.406422       | 62.53                | PK-U | 37.7                 | -44.86         | 55.37                      | -                  | -           | -                   | -              | 68.2                         | -12.83         | 286            | 104         | H        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL 5245MHz



## DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2      | * 7.342734      | 60.14                | PK-U | 35.7                 | -45.8          | 50.04                      | -                  | -           | 74                  | -23.96         | -                            | -              | 239            | 259         | H        |
|        | * 7.342998      | 52.66                | ADR  | 35.7                 | -45.8          | 42.56                      | 54                 | -11.44      | -                   | -              | -                            | -              | 239            | 259         | H        |
| 5      | * 7.342886      | 61.51                | PK-U | 35.7                 | -45.8          | 51.41                      | -                  | -           | 74                  | -22.59         | -                            | -              | 271            | 108         | V        |
|        | * 7.343011      | 54.85                | ADR  | 35.7                 | -45.8          | 44.75                      | 54                 | -9.25       | -                   | -              | -                            | -              | 271            | 108         | V        |
| 4      | 6.556161        | 58.45                | PK-U | 35.5                 | -45.5          | 48.45                      | -                  | -           | -                   | -              | 68.2                         | -19.75         | 294            | 113         | V        |
| 1      | 6.556454        | 58.31                | PK-U | 35.5                 | -45.5          | 48.31                      | -                  | -           | -                   | -              | 68.2                         | -19.89         | 238            | 210         | H        |
| 3      | 10.490055       | 59.98                | PK-U | 37.7                 | -44            | 53.68                      | -                  | -           | -                   | -              | 68.2                         | -14.52         | 284            | 130         | H        |
| 6      | 10.490133       | 60.78                | PK-U | 37.7                 | -44            | 54.48                      | -                  | -           | -                   | -              | 68.2                         | -13.72         | 294            | 255         | V        |

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

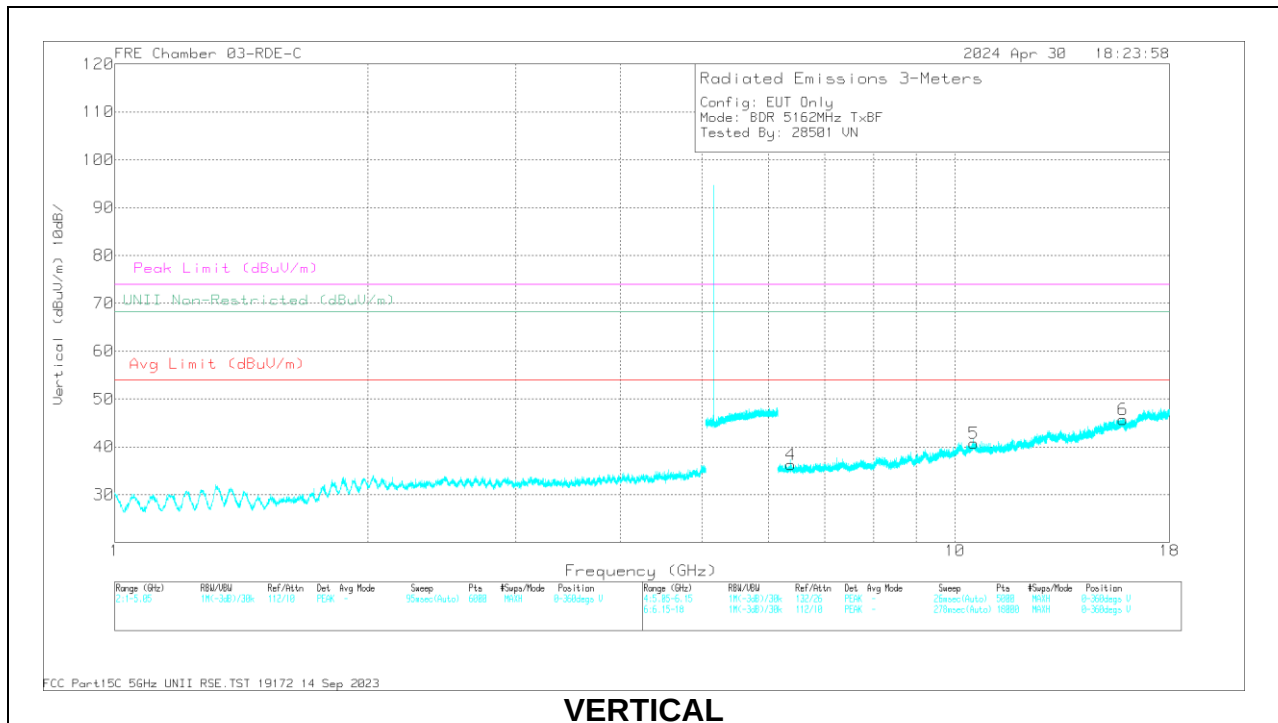
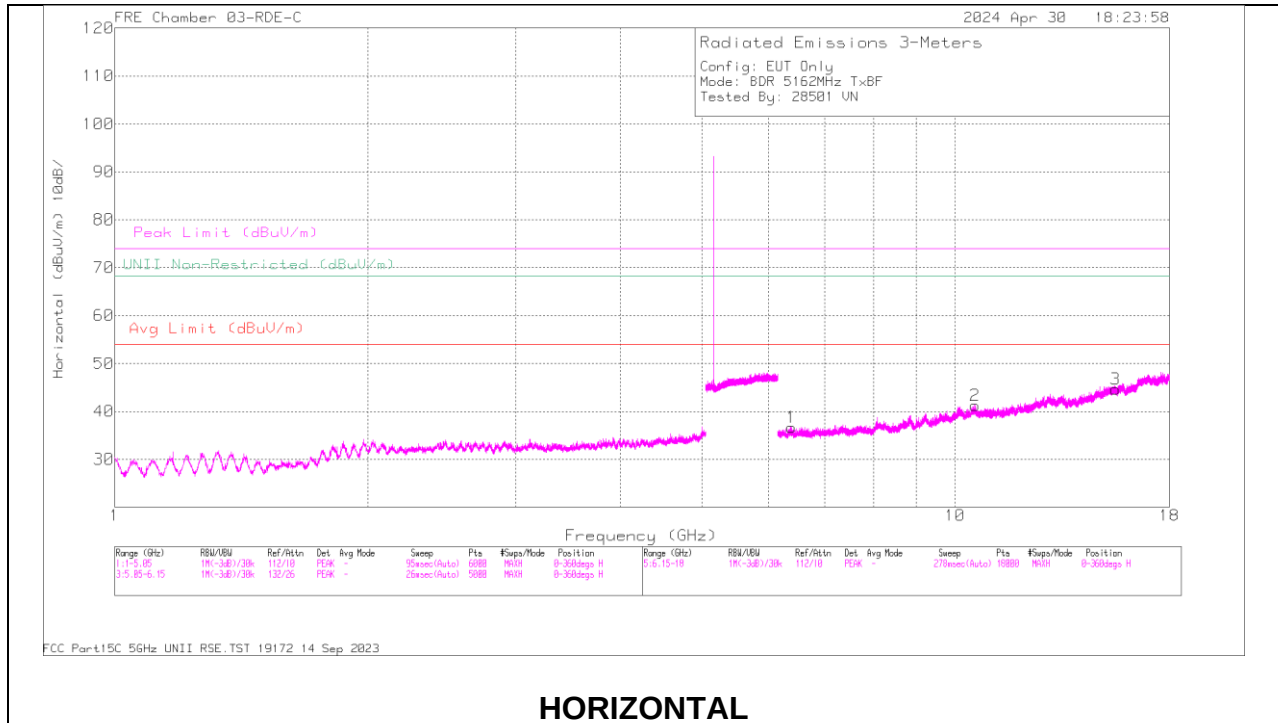
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



# 10.1.4. BDR, LOW POWER, UNII-1, HARMONIC AND SPURIOUS TX ABOVE 1 GHz IN THE 5.2 GHz BAND

## LOW CHANNEL 5162MHz



## DATA:

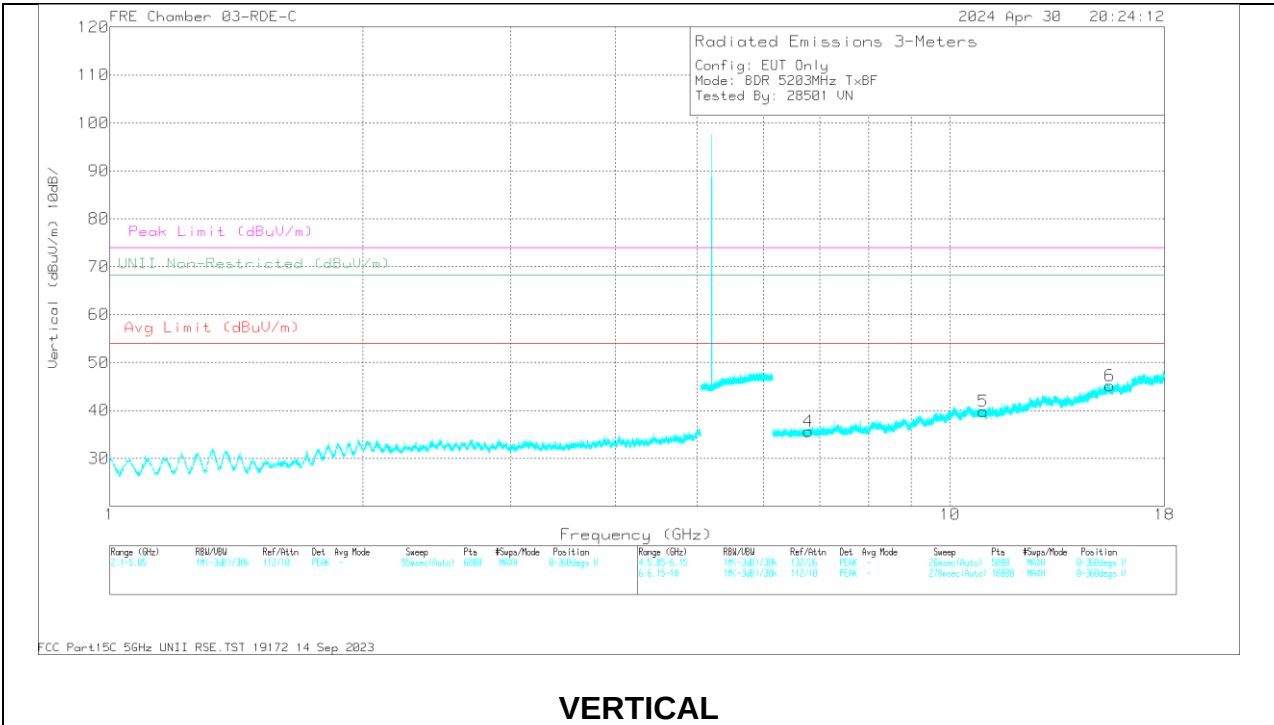
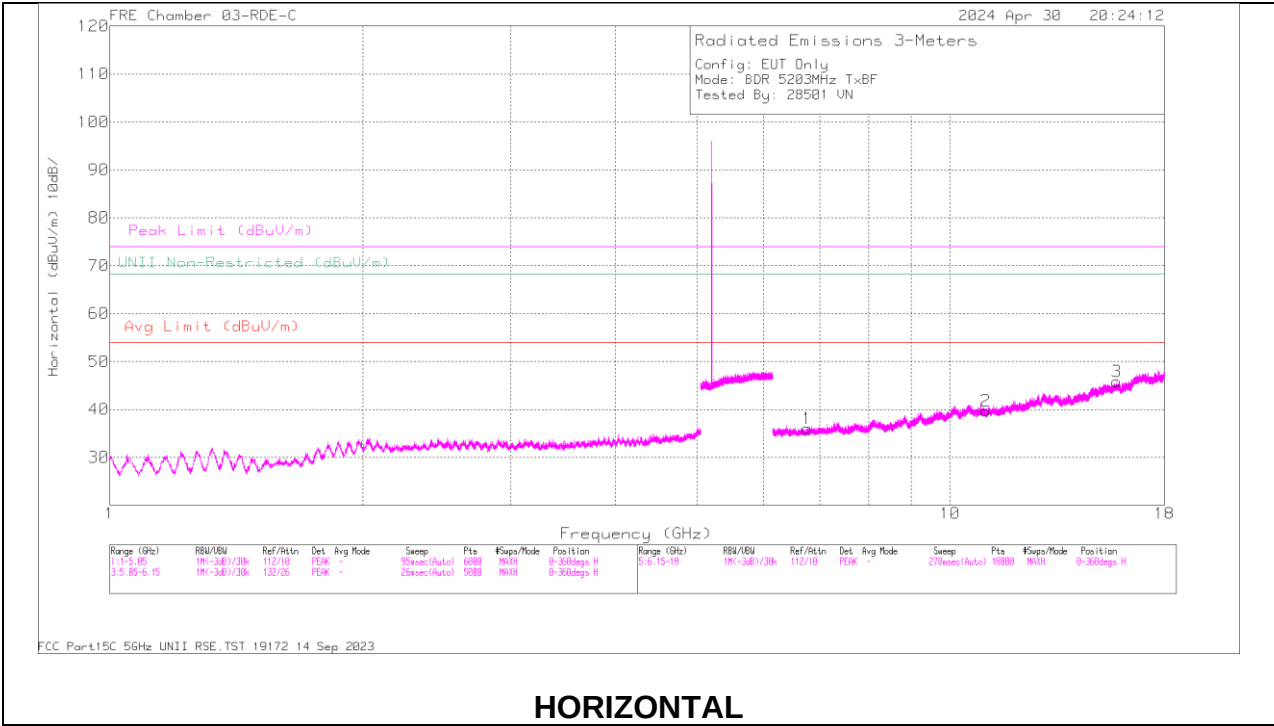
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 3      | * 15.523052     | 58.3                 | PK-U | 40.2                 | -43.89         | 54.61                      | -                  | -           | 74                  | -19.39         | -                            | -              | 58             | 110         | H        |
|        | * 15.523419     | 46.53                | ADR  | 40.2                 | -43.86         | 42.87                      | 54                 | -11.13      | -                   | -              | -                            | -              | 58             | 110         | H        |
| 6      | * 15.848187     | 58.58                | PK-U | 40.3                 | -43.32         | 55.56                      | -                  | -           | 74                  | -18.44         | -                            | -              | 356            | 145         | V        |
|        | * 15.849724     | 46.79                | ADR  | 40.3                 | -43.33         | 43.76                      | 54                 | -10.24      | -                   | -              | -                            | -              | 356            | 145         | V        |
| 4      | 6.376791        | 55.96                | PK-U | 35.4                 | -45.02         | 46.34                      | -                  | -           | -                   | -              | 68.2                         | -21.86         | 216            | 211         | V        |
| 1      | 6.379114        | 55.66                | PK-U | 35.4                 | -45.1          | 45.96                      | -                  | -           | -                   | -              | 68.2                         | -22.24         | 305            | 196         | H        |
| 5      | 10.531123       | 56.62                | PK-U | 37.7                 | -44            | 50.32                      | -                  | -           | -                   | -              | 68.2                         | -17.88         | 153            | 253         | V        |
| 2      | 10.561079       | 55.93                | PK-U | 37.7                 | -43.99         | 49.64                      | -                  | -           | -                   | -              | 68.2                         | -18.56         | 12             | 101         | H        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL 5203MHz



## DATA:

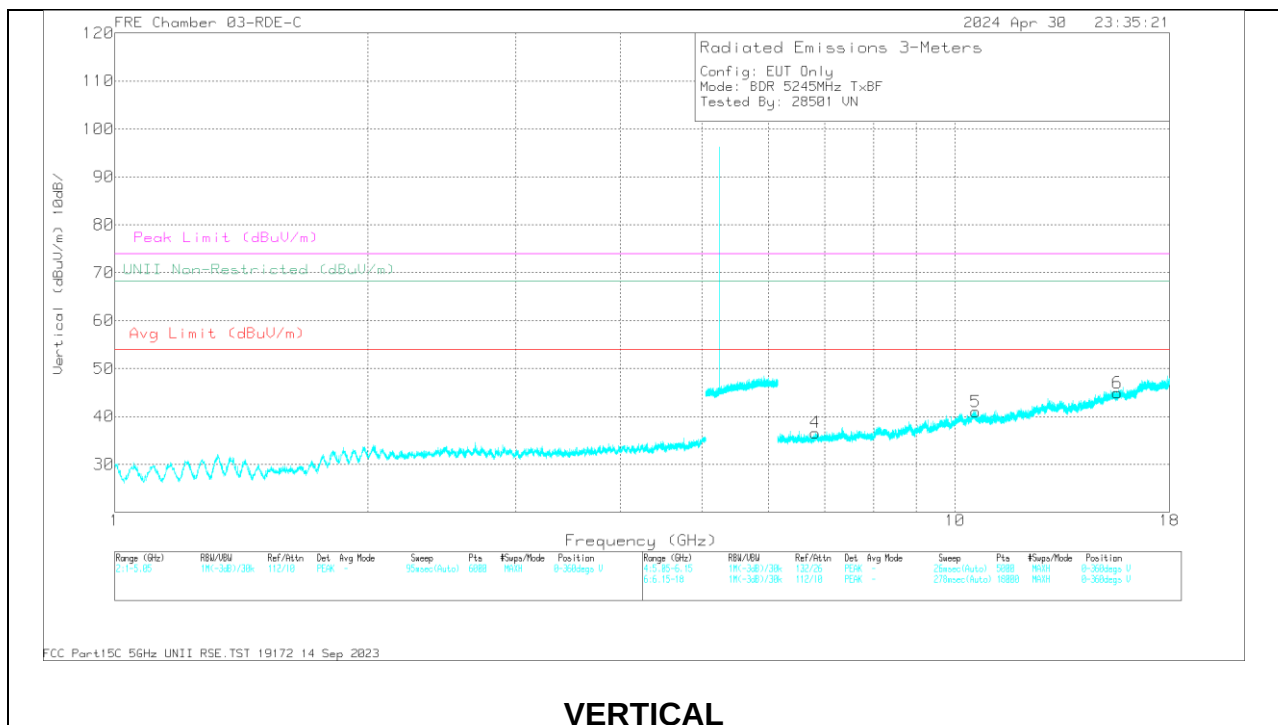
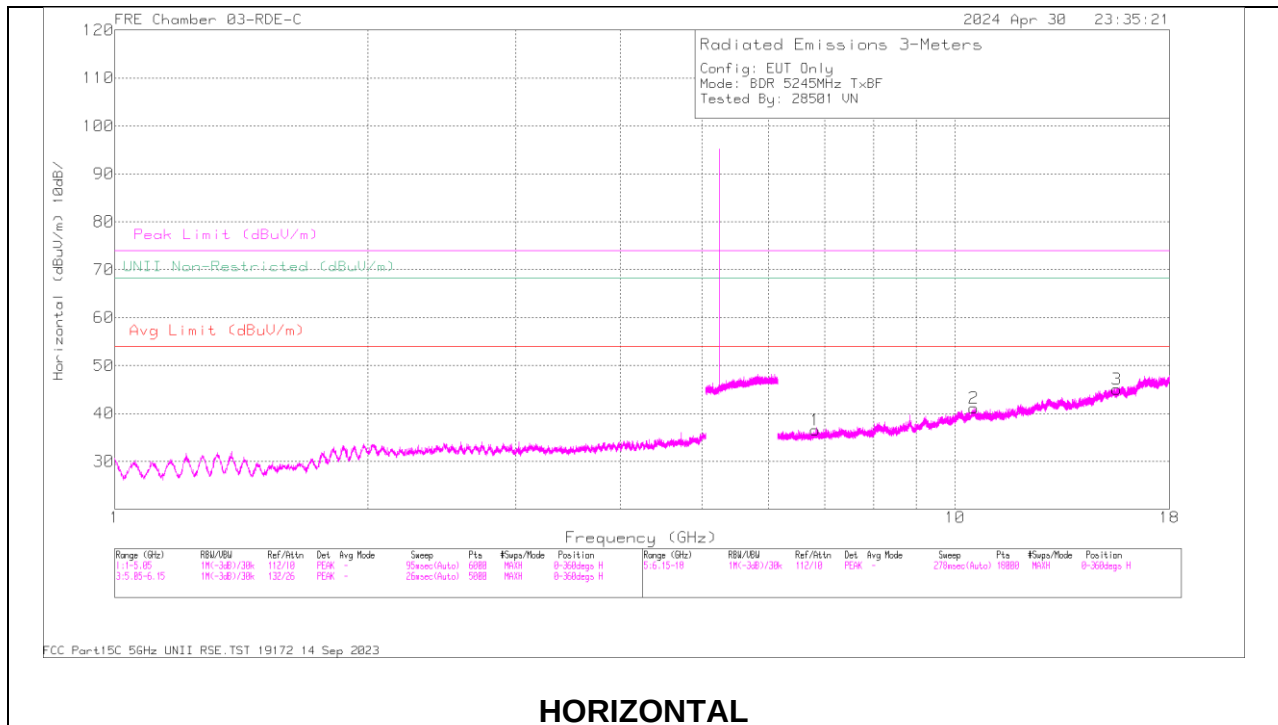
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 2      | * 11.02671      | 55.66                | PK-U | 37.9                 | -44.2          | 49.36                      | -                  | -           | 74                  | -24.64         | -                            | -              | 69             | 105         | H        |
|        | * 11.029933     | 44.29                | ADR  | 37.9                 | -44.2          | 37.99                      | 54                 | -16.01      | -                   | -              | -                            | -              | 69             | 105         | H        |
| 3      | * 15.804623     | 59.07                | PK-U | 40.3                 | -43.7          | 55.67                      | -                  | -           | 74                  | -18.33         | -                            | -              | 71             | 200         | H        |
|        | * 15.807324     | 46.72                | ADR  | 40.3                 | -43.67         | 43.35                      | 54                 | -10.65      | -                   | -              | -                            | -              | 71             | 200         | H        |
| 5      | * 10.954653     | 55.58                | PK-U | 37.9                 | -43.87         | 49.61                      | -                  | -           | 74                  | -24.39         | -                            | -              | 123            | 268         | V        |
|        | * 10.956103     | 44.5                 | ADR  | 37.9                 | -43.9          | 38.5                       | 54                 | -15.5       | -                   | -              | -                            | -              | 123            | 268         | V        |
| 6      | * 15.505423     | 58.58                | PK-U | 40.2                 | -43.8          | 54.98                      | -                  | -           | 74                  | -19.02         | -                            | -              | 202            | 247         | V        |
|        | * 15.50478      | 46.69                | ADR  | 40.2                 | -43.76         | 43.13                      | 54                 | -10.87      | -                   | -              | -                            | -              | 202            | 247         | V        |
| 1      | 6.764935        | 56.42                | PK-U | 35.6                 | -45.9          | 46.12                      | -                  | -           | -                   | -              | 68.2                         | -22.08         | 319            | 345         | H        |
| 4      | 6.782187        | 56.38                | PK-U | 35.6                 | -45.98         | 46                         | -                  | -           | -                   | -              | 68.2                         | -22.2          | 113            | 145         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL 5245MHz



## DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 3      | * 15.570861     | 58.06                | PK-U | 40.2                 | -44.1          | 54.16                      | -                  | -           | 74                  | -19.84         | -                            | -              | 153            | 120         | H        |
|        | * 15.572016     | 46.57                | ADR  | 40.2                 | -44.1          | 42.67                      | 54                 | -11.33      | -                   | -              | -                            | -              | 153            | 120         | H        |
| 6      | * 15.602611     | 57.9                 | PK-U | 40.2                 | -44.1          | 54                         | -                  | -           | 74                  | -20            | -                            | -              | 232            | 256         | V        |
|        | * 15.601243     | 46.43                | ADR  | 40.2                 | -44.1          | 42.53                      | 54                 | -11.47      | -                   | -              | -                            | -              | 232            | 256         | V        |
| 1      | 6.822675        | 56.26                | PK-U | 35.6                 | -45.7          | 46.16                      | -                  | -           | -                   | -              | 68.2                         | -22.04         | 147            | 355         | H        |
| 4      | 6.823081        | 57.04                | PK-U | 35.6                 | -45.69         | 46.95                      | -                  | -           | -                   | -              | 68.2                         | -21.25         | 228            | 249         | V        |
| 2      | 10.536142       | 56.1                 | PK-U | 37.7                 | -43.9          | 49.9                       | -                  | -           | -                   | -              | 68.2                         | -18.3          | 160            | 324         | H        |
| 5      | 10.582839       | 56.35                | PK-U | 37.7                 | -43.9          | 50.15                      | -                  | -           | -                   | -              | 68.2                         | -18.05         | 142            | 213         | V        |

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

PK-U - U-NII: Maximum Peak

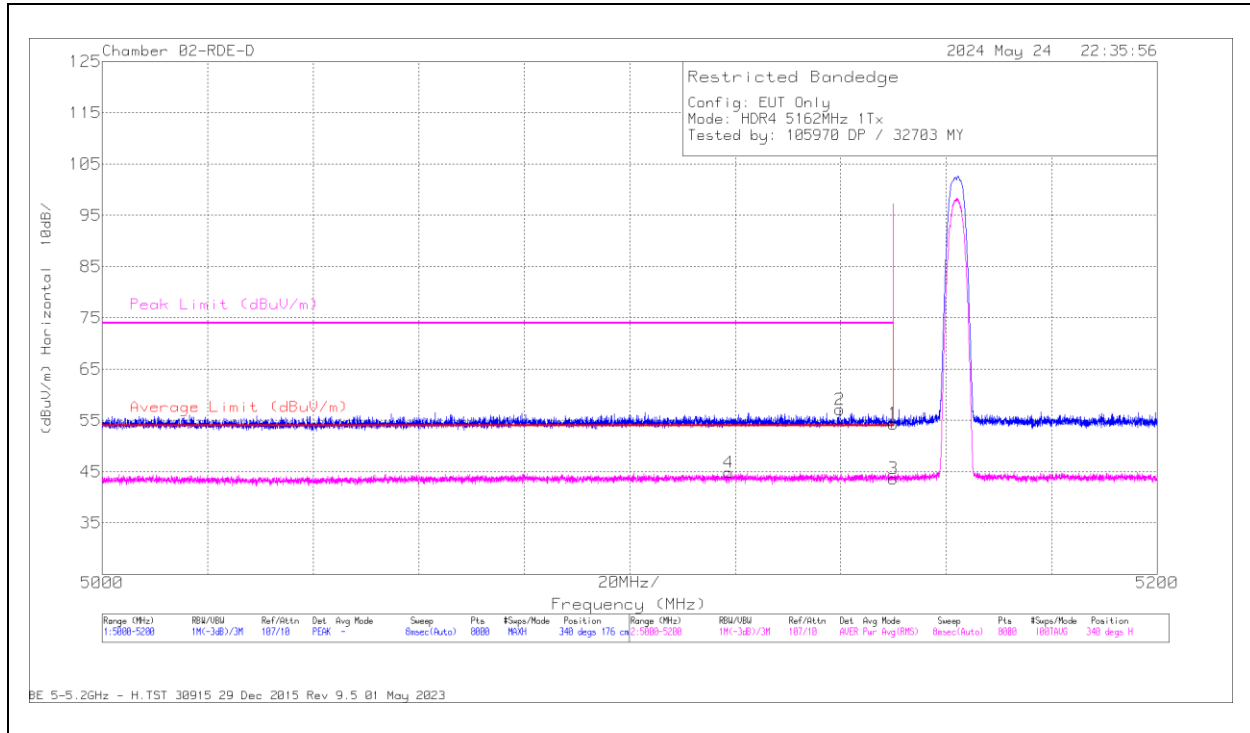
ADR - U-NII AD primary method, RMS average

## 10.1.5. HDR4, HIGH POWER UNII-1 BANDEDGE

### ANT 6

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



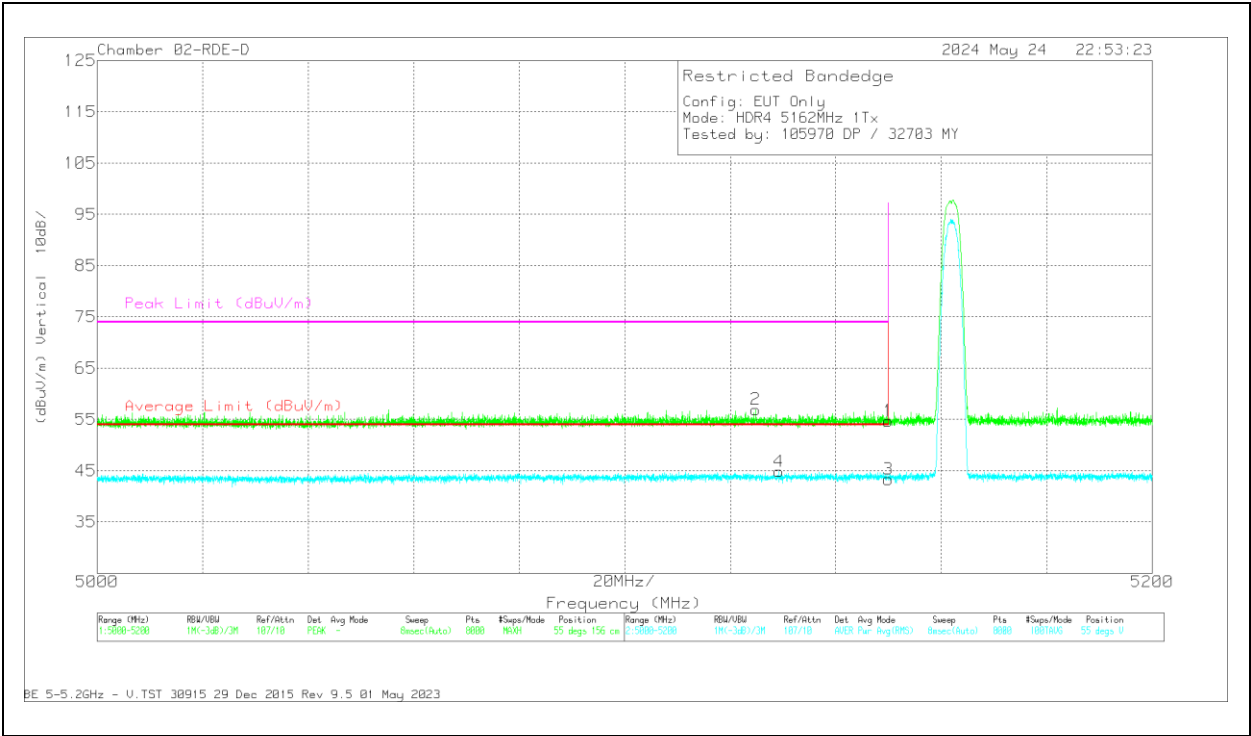
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.84                | PK  | 34.1             | -16.6        | 54.34                      | -                      | -           | 74                  | -19.66         | 340            | 176         | H        |
| 2      | * 5139.842      | 39.71                | PK  | 34.1             | -16.7        | 57.11                      | -                      | -           | 74                  | -16.89         | 340            | 176         | H        |
| 3      | * 5150          | 26.14                | RMS | 34.1             | -16.6        | 43.64                      | 54                     | -10.36      | -                   | -              | 340            | 176         | H        |
| 4      | * 5118.739      | 27.54                | RMS | 34               | -16.7        | 44.84                      | 54                     | -9.16       | -                   | -              | 340            | 176         | H        |

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



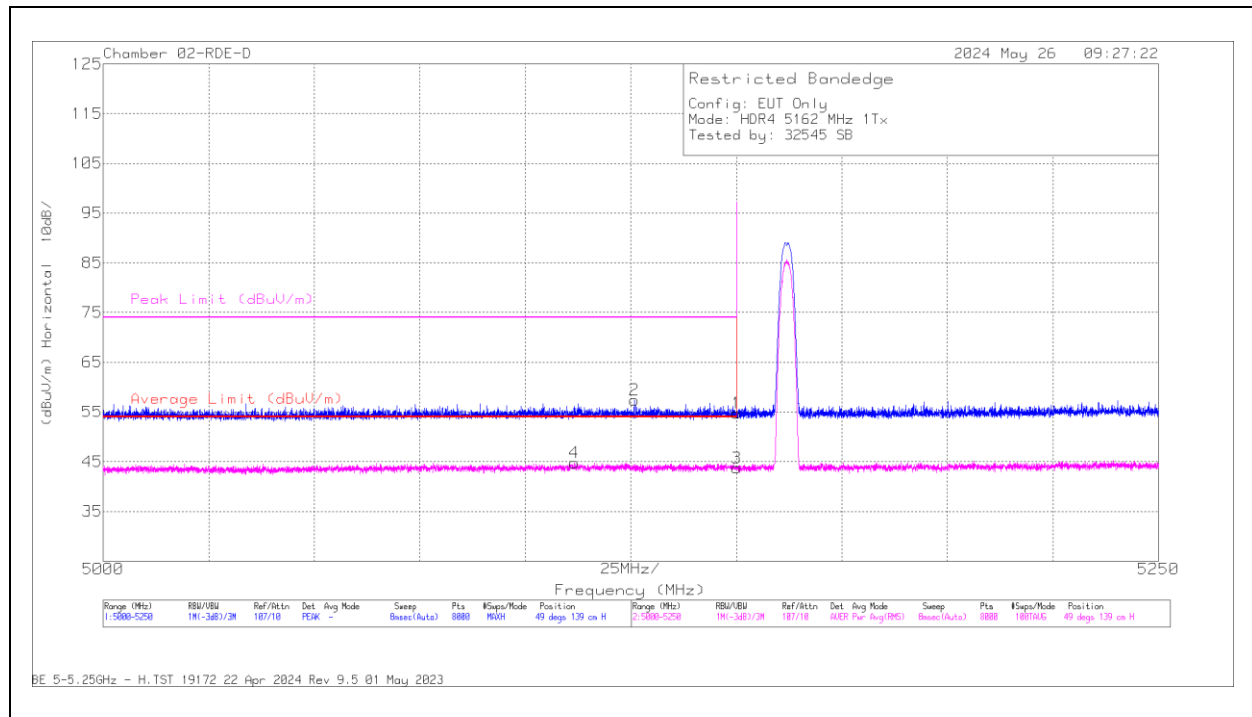
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 37.18                | PK  | 34.1             | -16.6        | 54.68                      | -                      | -           | 74                  | -19.32         | 55             | 156         | V        |
| 2      | * 5124.84       | 39.63                | PK  | 34               | -16.7        | 56.93                      | -                      | -           | 74                  | -17.07         | 55             | 156         | V        |
| 3      | * 5150          | 25.83                | RMS | 34.1             | -16.6        | 43.33                      | 54                     | -10.67      | -                   | -              | 55             | 156         | V        |
| 4      | * 5129.241      | 27.52                | RMS | 34               | -16.7        | 44.82                      | 54                     | -9.18       | -                   | -              | 55             | 156         | V        |

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

PK - Peak detector

RMS - RMS detection



**ANT 5****BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

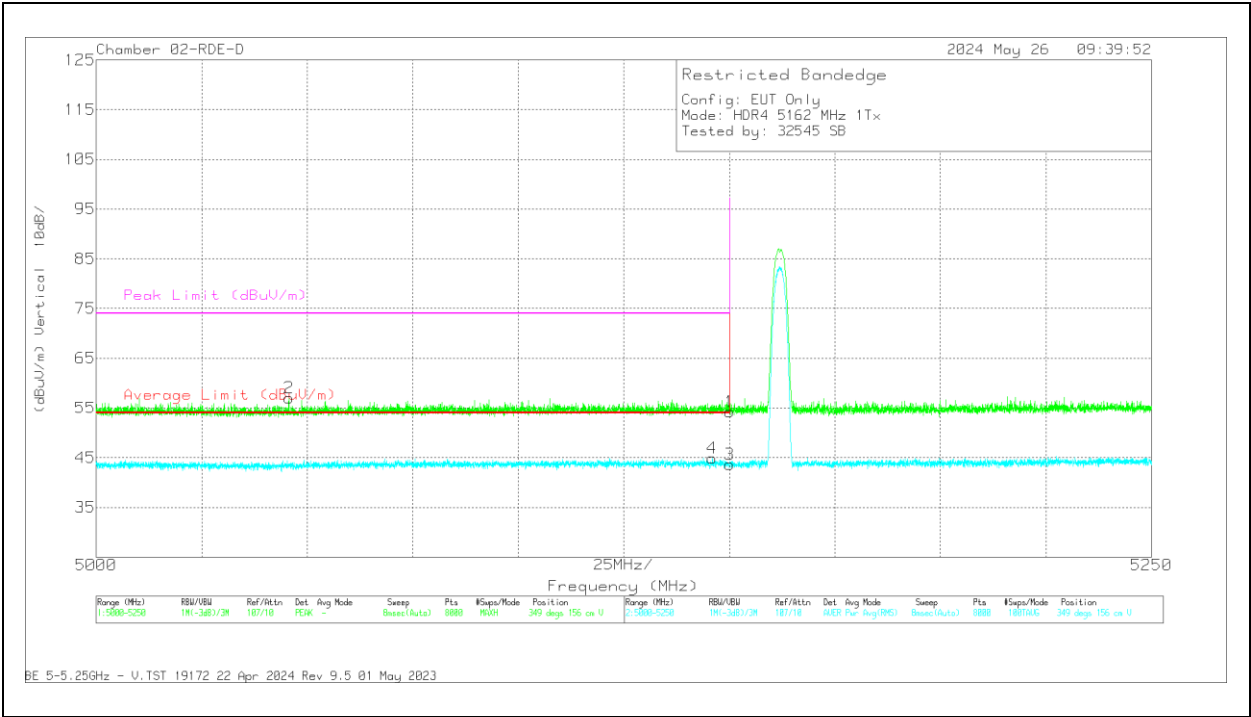
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | * 5111.608      | 27.57                | RMS | 34               | -16.8        | 44.77                      | 54                     | -9.23       | -                   | -              | 49             | 139         | H        |
| 2      | * 5125.829      | 39.97                | Pk  | 34               | -16.6        | 57.37                      | -                      | -           | 74                  | -16.63         | 49             | 139         | H        |
| 1      | * 5150          | 37.22                | Pk  | 34.1             | -16.6        | 54.72                      | -                      | -           | 74                  | -19.28         | 49             | 139         | H        |
| 3      | * 5150          | 26.22                | RMS | 34.1             | -16.6        | 43.72                      | 54                     | -10.28      | -                   | -              | 49             | 139         | H        |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

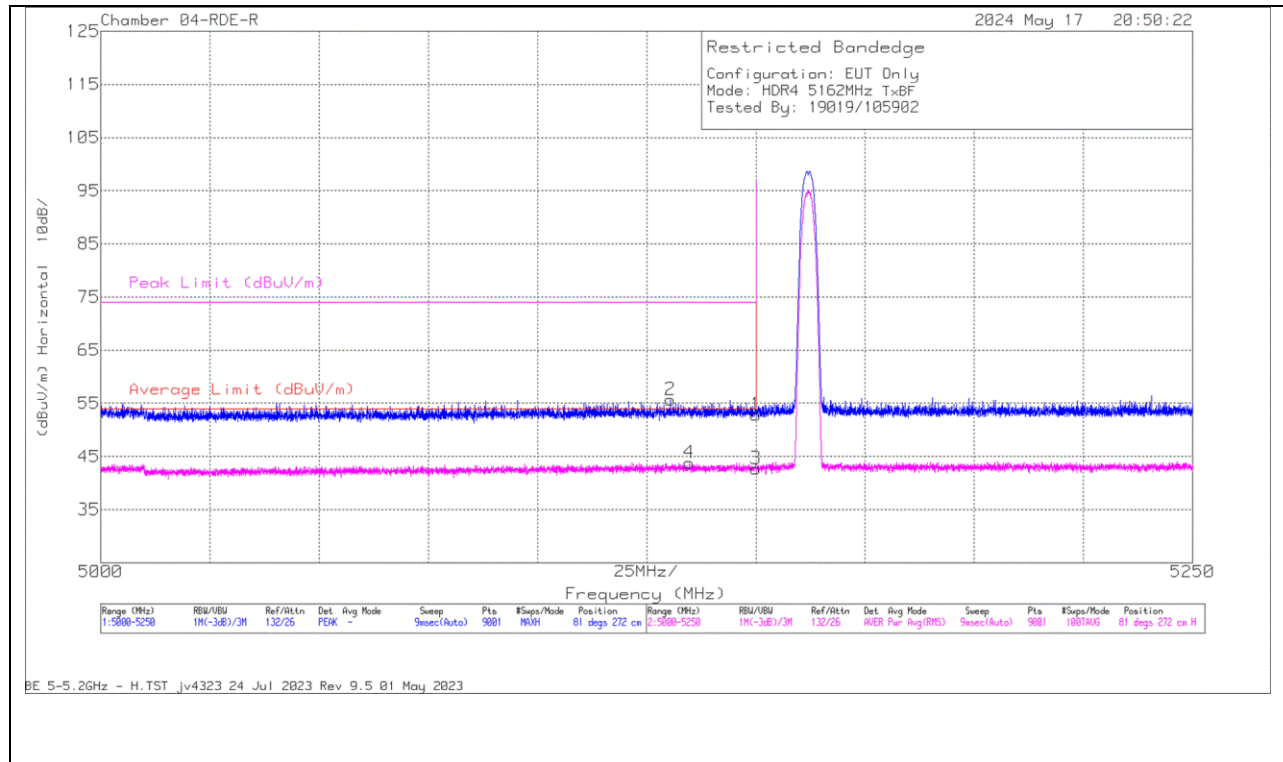


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.77                | PK  | 34.1             | -16.6        | 54.27                      | -                      | -           | 74                  | -19.73         | 349            | 156         | V        |
| 2      | * 5045.631      | 39.9                 | PK  | 33.8             | -16.7        | 57                         | -                      | -           | 74                  | -17            | 349            | 156         | V        |
| 3      | * 5150          | 26.12                | RMS | 34.1             | -16.6        | 43.62                      | 54                     | -10.38      | -                   | -              | 349            | 156         | V        |
| 4      | * 5145.956      | 27.46                | RMS | 34.1             | -16.6        | 44.96                      | 54                     | -9.04       | -                   | -              | 349            | 156         | V        |

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

PK - Peak detector

RMS - RMS detection

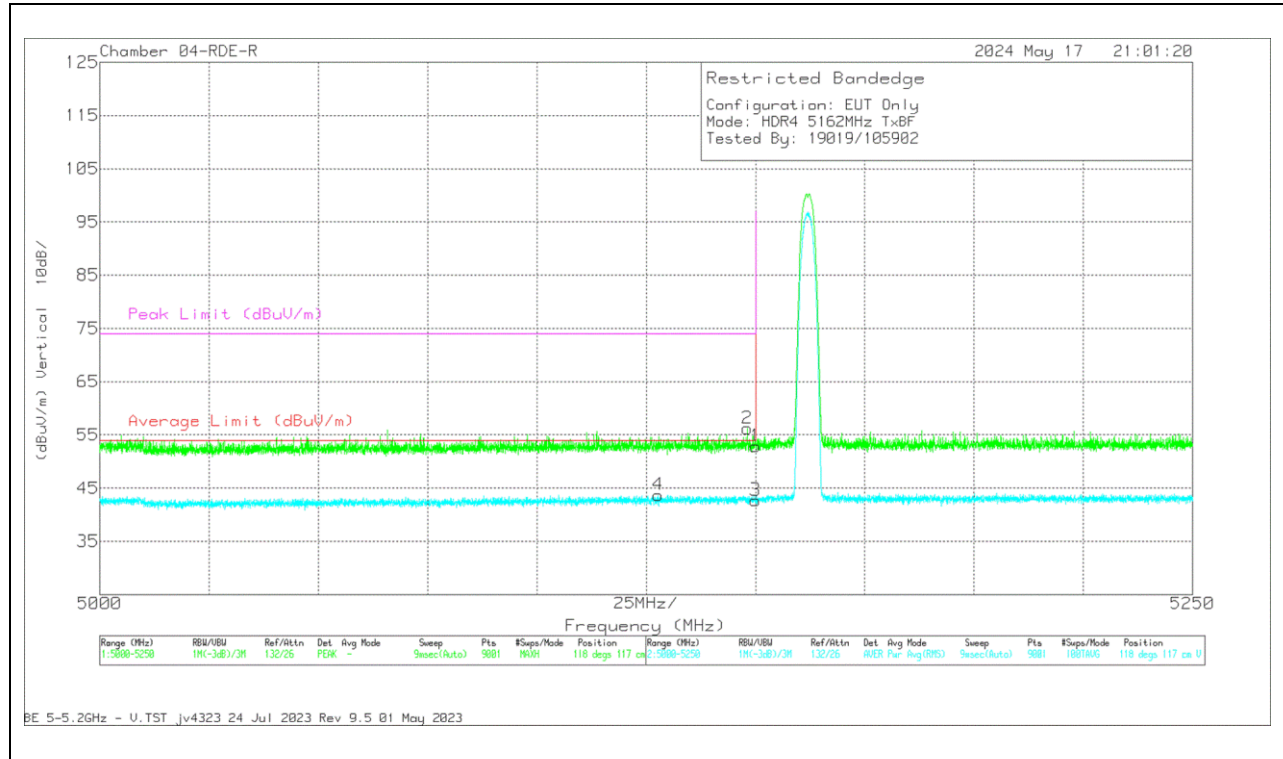
**2TX Antenna 6 + Antenna 5 TX BF MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 41112 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | 5130.418        | 58.84                | Pk  | 34.3             | -37.45         | 55.69                      | -                      | -           | 74                  | -18.31         | 81             | 272         | H        |
| 4      | 5134.779        | 47.03                | RMS | 34.3             | -37.48         | 43.85                      | 54                     | -10.15      | -                   | -              | 81             | 272         | H        |
| 1      | 5150            | 56.17                | Pk  | 34.3             | -37.6          | 52.87                      | -                      | -           | 74                  | -21.13         | 81             | 272         | H        |
| 3      | 5150            | 46.04                | RMS | 34.3             | -37.6          | 42.74                      | 54                     | -11.26      | -                   | -              | 81             | 272         | H        |

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



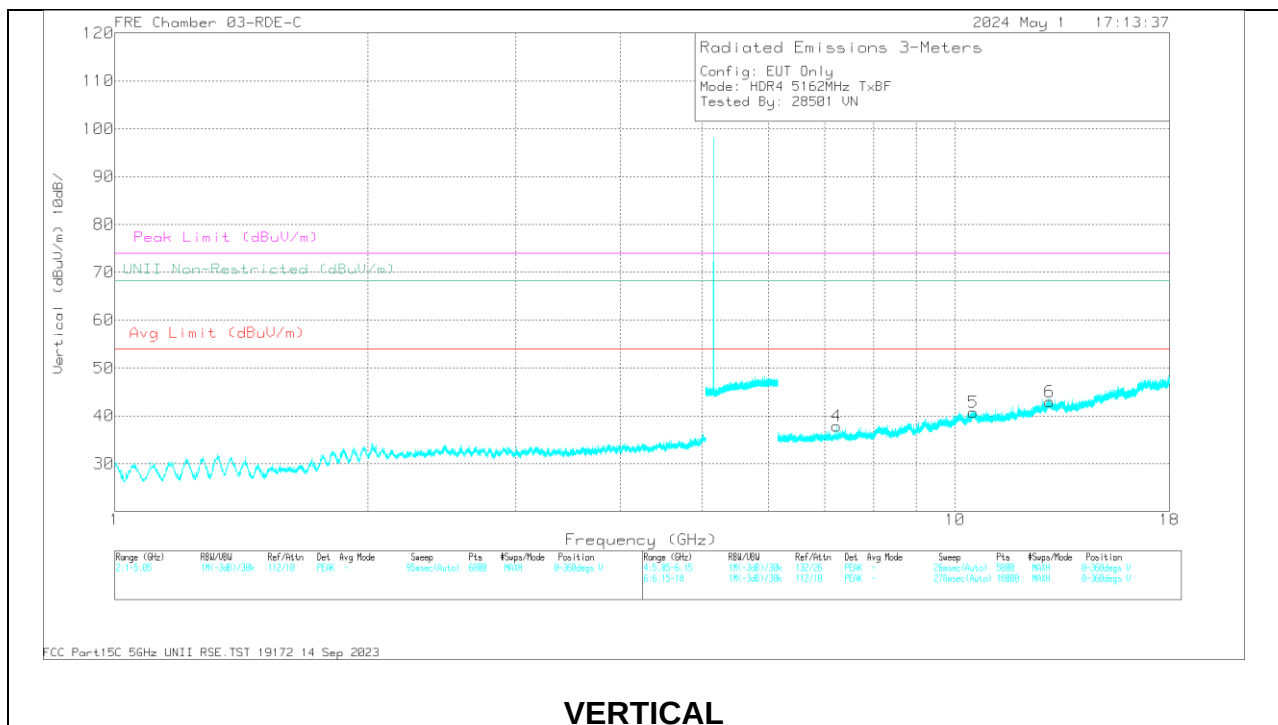
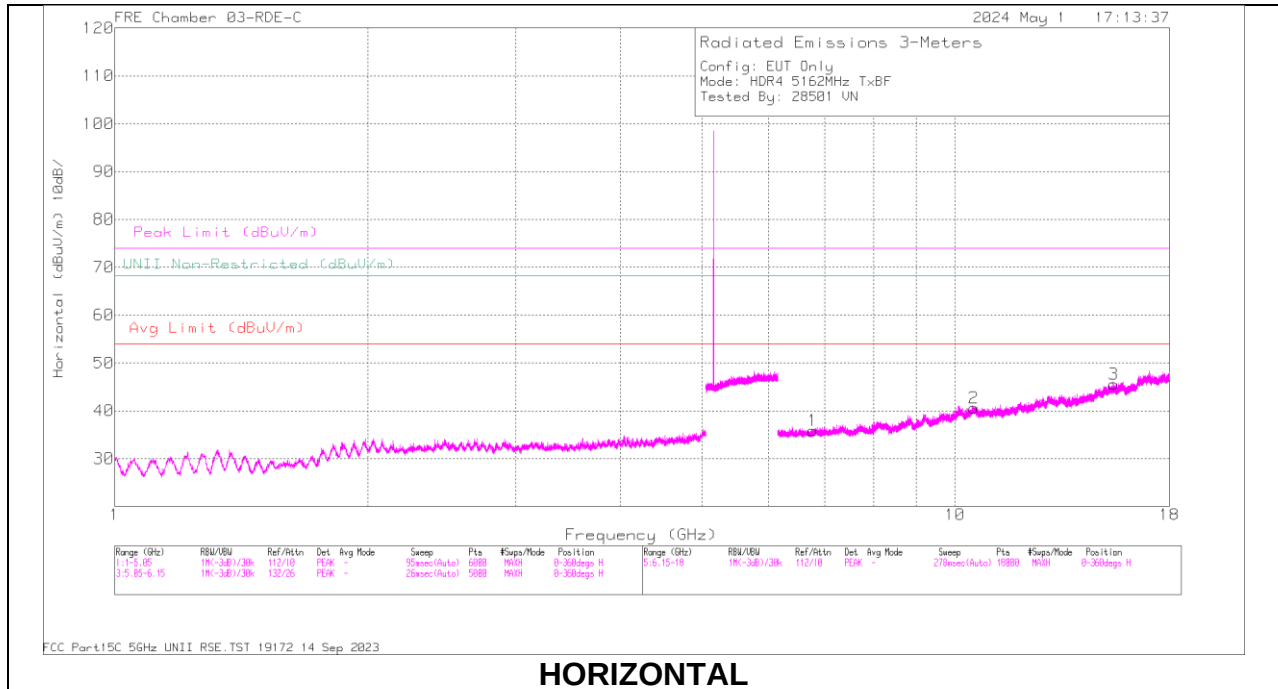
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 41112 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | 5127.751        | 46.93                | RMS | 34.3             | -37.49         | 43.74                      | 54                     | -10.26      | -                   | -              | 118            | 117         | V        |
| 2      | 5148.168        | 59.51                | Pk  | 34.3             | -37.58         | 56.23                      | -                      | -           | 74                  | -17.77         | 118            | 117         | V        |
| 1      | 5150            | 56.2                 | Pk  | 34.3             | -37.6          | 52.9                       | -                      | -           | 74                  | -21.1          | 118            | 117         | V        |
| 3      | 5150            | 46.01                | RMS | 34.3             | -37.6          | 42.71                      | 54                     | -11.29      | -                   | -              | 118            | 117         | V        |

Pk - Peak detector

RMS - RMS detection

## 10.1.6. HDR4, HIGH POWER UNII-1 HARMONIC AND SPURIOUS IN THE 5.2 GHz BAND

### LOW CHANNEL 5162MHz



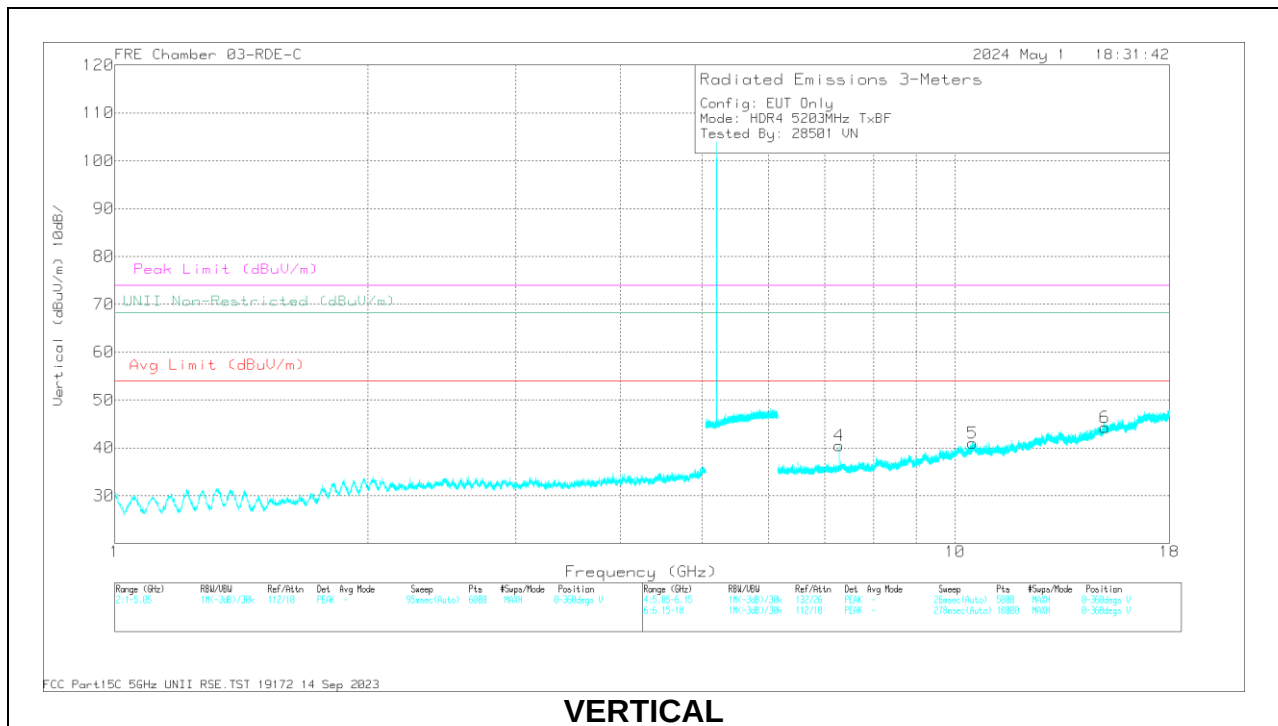
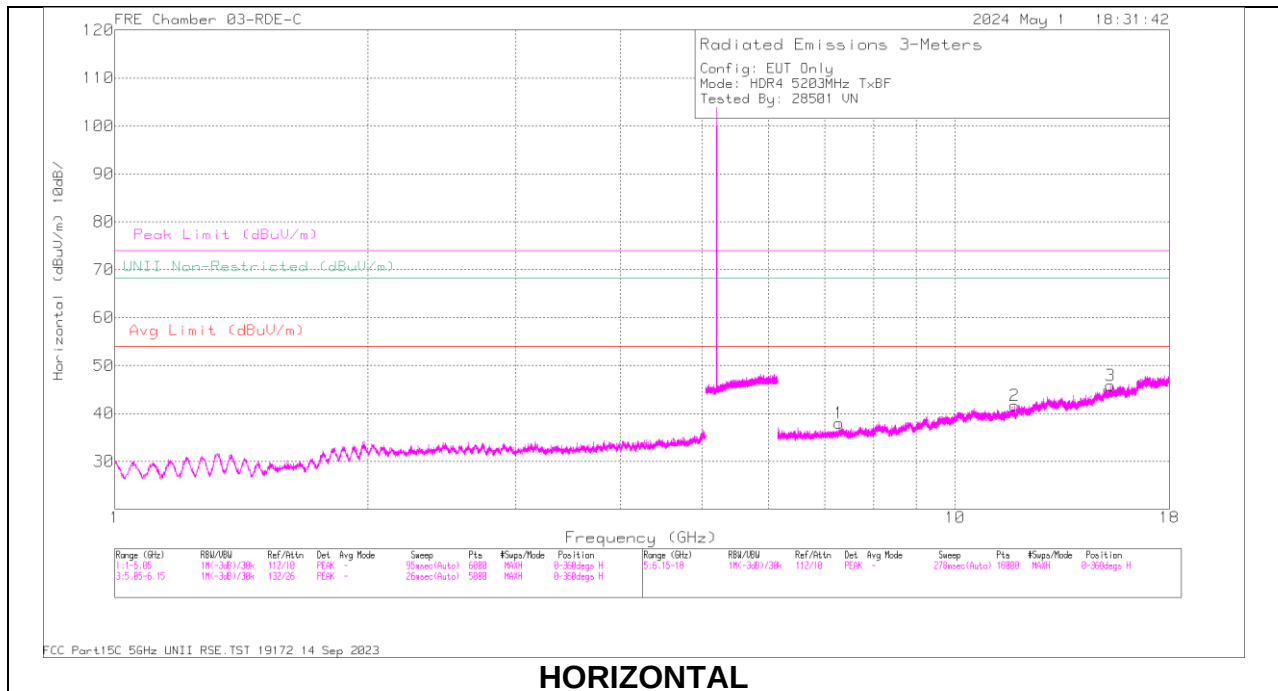
## DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 3      | * 15.453024     | 58.76                | PK-U | 40.1                 | -43.6          | 55.26                      | -                  | -           | 74                  | -18.74         | -                            | -              | 239            | 186         | H        |
|        | * 15.454981     | 47.19                | ADR  | 40.1                 | -43.5          | 43.79                      | 54                 | -10.21      | -                   | -              | -                            | -              | 239            | 186         | H        |
| 1      | 6.770176        | 56.61                | PK-U | 35.6                 | -45.9          | 46.31                      | -                  | -           | -                   | -              | 68.2                         | -21.89         | 33             | 229         | H        |
| 4      | 7.226554        | 58.3                 | PK-U | 35.7                 | -46.1          | 47.9                       | -                  | -           | -                   | -              | 68.2                         | -20.3          | 261            | 270         | V        |
| 5      | 10.505436       | 56.9                 | PK-U | 37.7                 | -43.96         | 50.64                      | -                  | -           | -                   | -              | 68.2                         | -17.56         | 66             | 383         | V        |
| 2      | 10.520864       | 56.49                | PK-U | 37.7                 | -43.89         | 50.3                       | -                  | -           | -                   | -              | 68.2                         | -17.9          | 138            | 362         | H        |
| 6      | 12.961302       | 57.94                | PK-U | 39.3                 | -44.87         | 52.37                      | -                  | -           | -                   | -              | 68.2                         | -15.83         | 218            | 279         | V        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**MID CHANNEL 5203MHz**

## DATA:

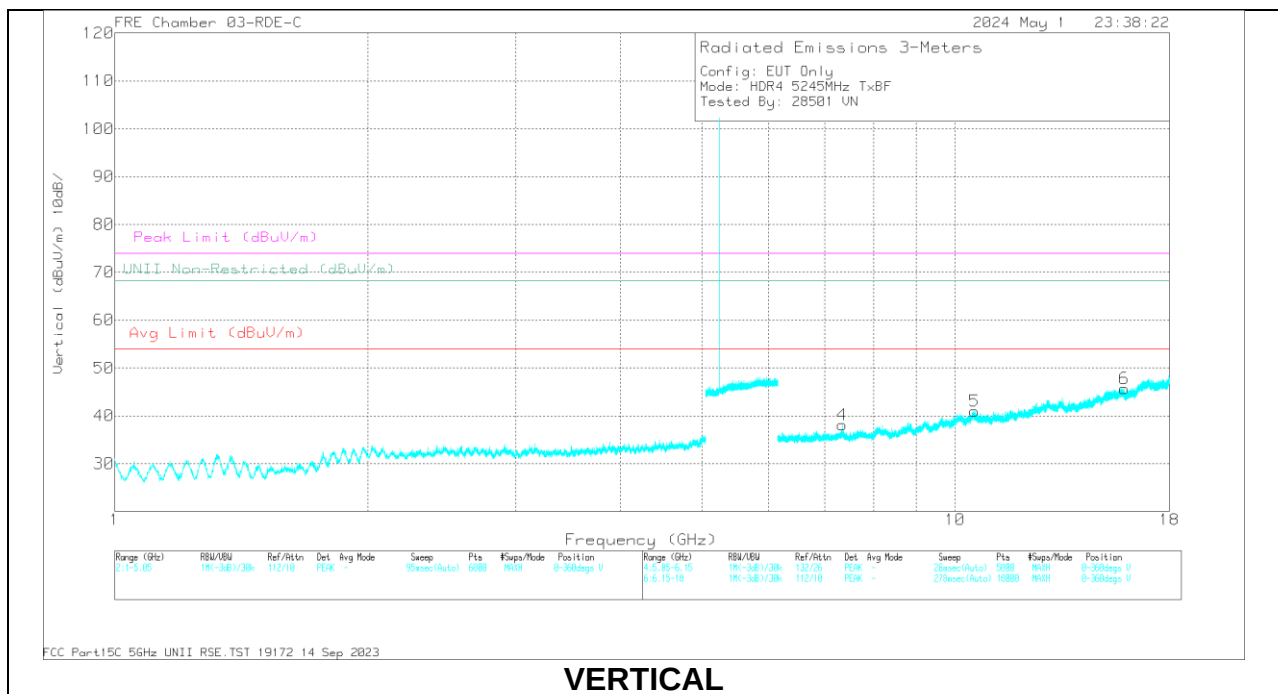
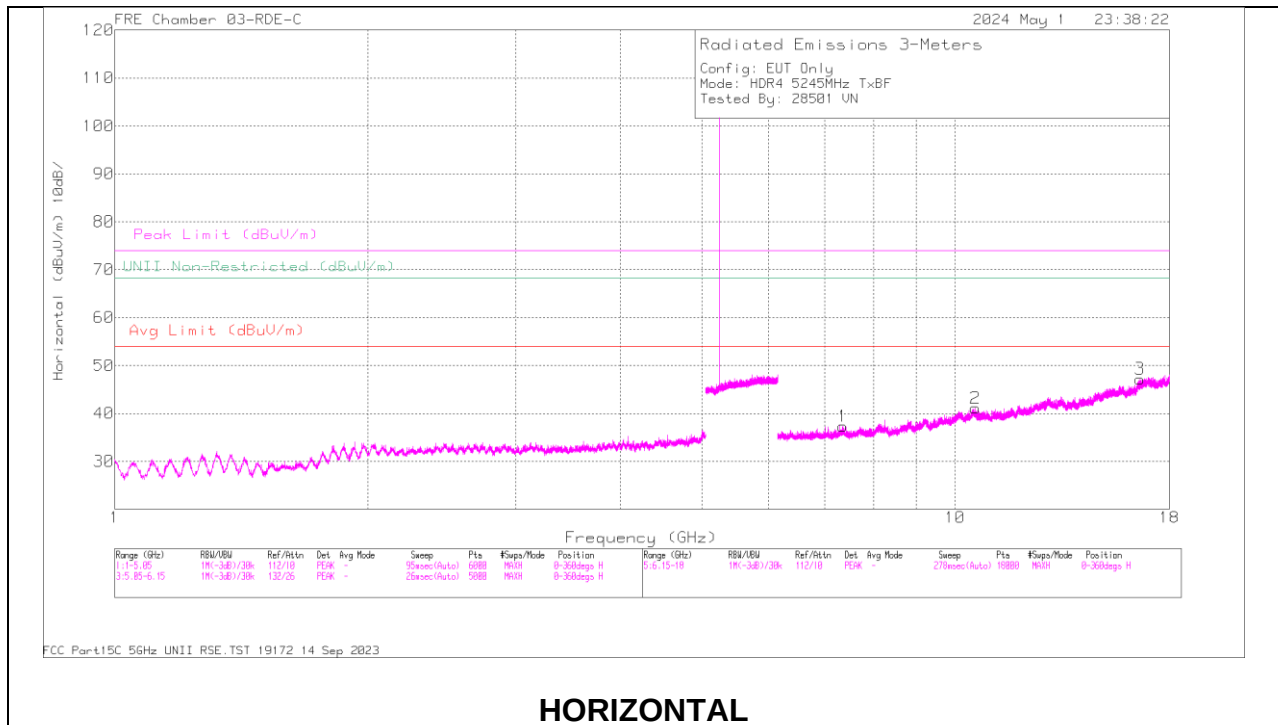
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 7.284159      | 59.11                | PK-U | 35.7                 | -45.98         | 48.83                      | -                  | -           | 74                  | -25.17         | -                            | -              | 239            | 283         | H        |
|        | * 7.284062      | 49.47                | ADR  | 35.7                 | -45.99         | 39.18                      | 54                 | -14.82      | -                   | -              | -                            | -              | 239            | 283         | H        |
| 2      | * 11.767114     | 55.54                | PK-U | 38.2                 | -43.39         | 50.35                      | -                  | -           | 74                  | -23.65         | -                            | -              | 279            | 123         | H        |
|        | * 11.764447     | 43.97                | ADR  | 38.2                 | -43.4          | 38.77                      | 54                 | -15.23      | -                   | -              | -                            | -              | 279            | 123         | H        |
| 4      | * 7.283913      | 59.66                | PK-U | 35.7                 | -46            | 49.36                      | -                  | -           | 74                  | -24.64         | -                            | -              | 271            | 103         | V        |
|        | * 7.284467      | 49.92                | ADR  | 35.7                 | -45.95         | 39.67                      | 54                 | -14.33      | -                   | -              | -                            | -              | 271            | 103         | V        |
| 5      | 10.489786       | 56.89                | PK-U | 37.7                 | -44            | 50.59                      | -                  | -           | -                   | -              | 68.2                         | -17.61         | 60             | 200         | V        |
| 6      | 15.074021       | 58.21                | PK-U | 40                   | -43.6          | 54.61                      | -                  | -           | -                   | -              | 68.2                         | -13.59         | 46             | 191         | V        |
| 3      | 15.320598       | 58.64                | PK-U | 40.1                 | -44.2          | 54.54                      | -                  | -           | -                   | -              | 68.2                         | -13.66         | 26             | 150         | H        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**HIGH CHANNEL 5245MHz**

## DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 7.359857      | 57.36                | PK-U | 35.7                 | -45.89         | 47.17                      | -                  | -           | 74                  | -26.83         | -                            | -              | 97             | 336         | H        |
|        | * 7.35962       | 45.34                | ADR  | 35.7                 | -45.86         | 35.18                      | 54                 | -18.82      | -                   | -              | -                            | -              | 97             | 336         | H        |
| 4      | * 7.342939      | 58.86                | PK-U | 35.7                 | -45.8          | 48.76                      | -                  | -           | 74                  | -25.24         | -                            | -              | 289            | 212         | V        |
|        | * 7.342901      | 47.81                | ADR  | 35.7                 | -45.8          | 37.71                      | 54                 | -16.29      | -                   | -              | -                            | -              | 289            | 212         | V        |
| 6      | * 15.902718     | 59.17                | PK-U | 40.4                 | -43.57         | 56                         | -                  | -           | 74                  | -18            | -                            | -              | 149            | 143         | V        |
|        | * 15.901621     | 47.26                | ADR  | 40.4                 | -43.5          | 44.16                      | 54                 | -9.84       | -                   | -              | -                            | -              | 149            | 143         | V        |
| 5      | 10.535581       | 56.6                 | PK-U | 37.7                 | -43.9          | 50.4                       | -                  | -           | -                   | -              | 68.2                         | -17.8          | 57             | 221         | V        |
| 2      | 10.581428       | 56.36                | PK-U | 37.7                 | -43.84         | 50.22                      | -                  | -           | -                   | -              | 68.2                         | -17.98         | 194            | 367         | H        |
| 3      | 16.603556       | 57.45                | PK-U | 41.5                 | -43            | 55.95                      | -                  | -           | -                   | -              | 68.2                         | -12.25         | 248            | 119         | H        |

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

PK-U - U-NII: Maximum Peak

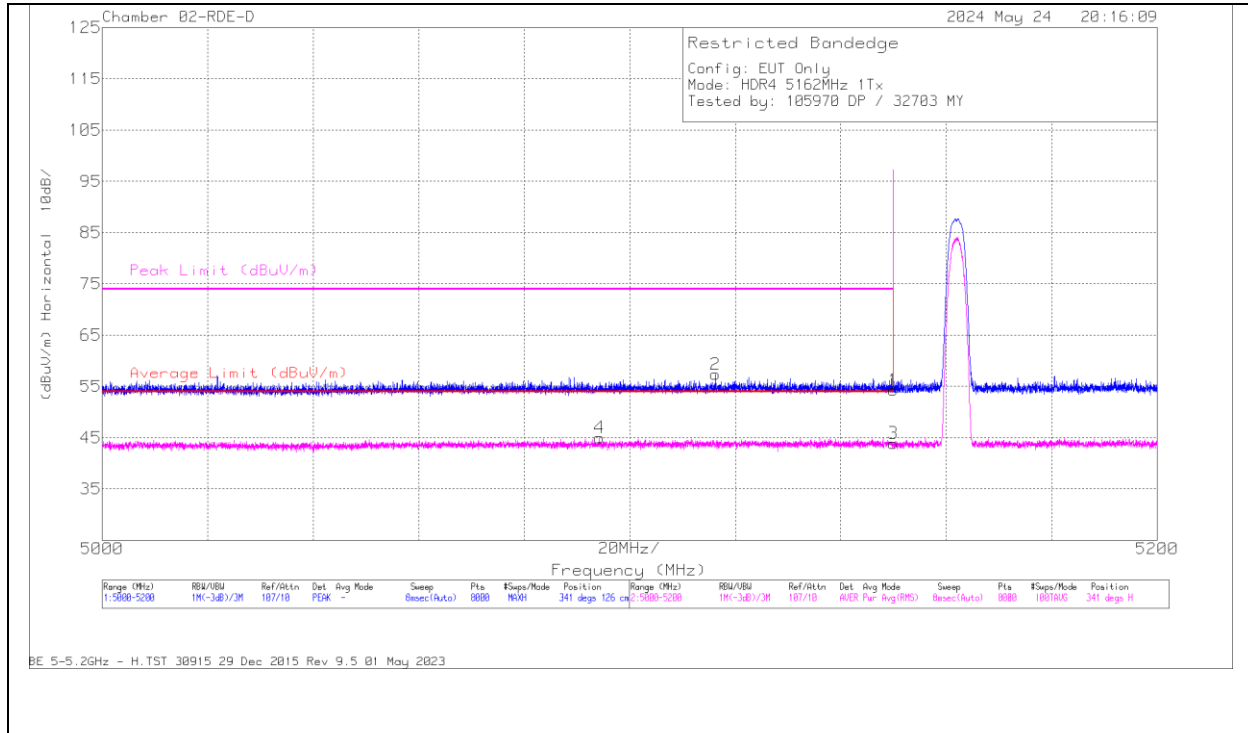
ADR - U-NII AD primary method, RMS average

## 10.1.7. HDR4, LOW POWER UNII-1 BANDEDGE

### ANT 6

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

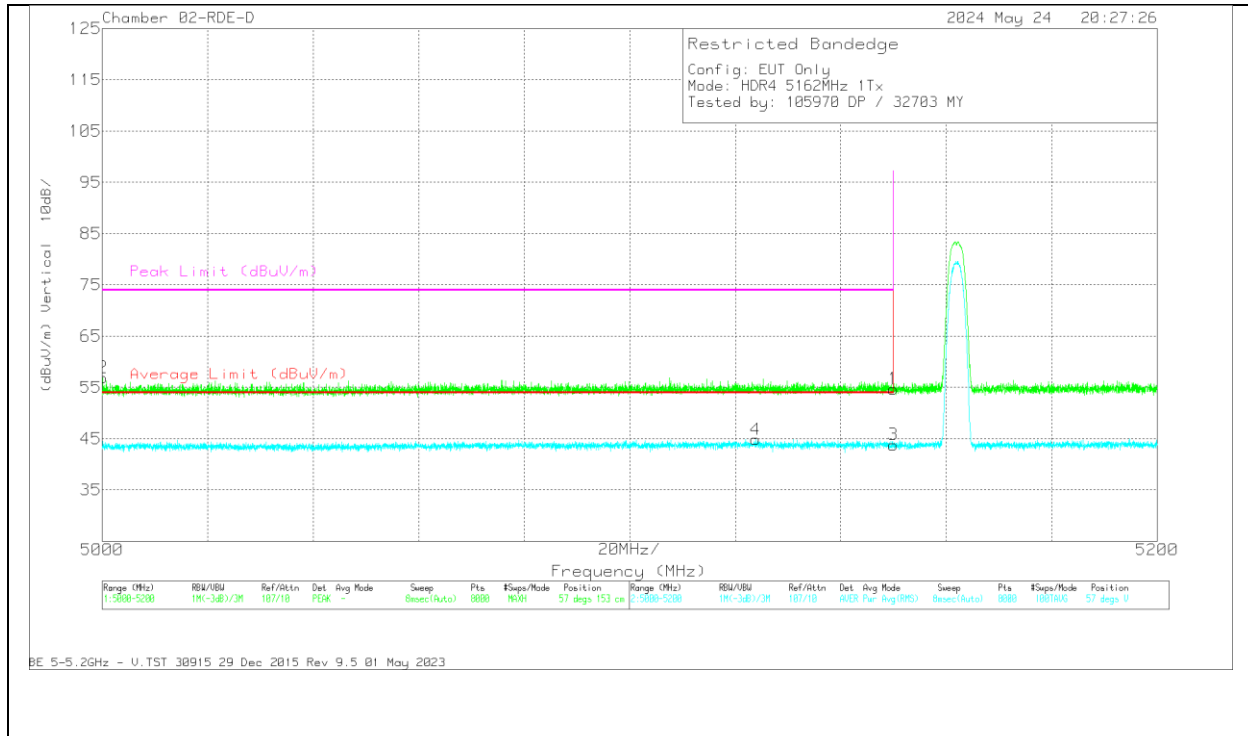


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.77                | Pk  | 34.1             | -16.6        | 54.27                      | -                      | -           | 74                  | -19.73         | 341            | 126         | H        |
| 2      | * 5116.239      | 40.07                | Pk  | 34               | -16.7        | 57.37                      | -                      | -           | 74                  | -16.63         | 341            | 126         | H        |
| 3      | * 5150          | 26.38                | RMS | 34.1             | -16.6        | 43.88                      | 54                     | -10.12      | -                   | -              | 341            | 126         | H        |
| 4      | * 5094.261      | 27.88                | RMS | 33.9             | -16.8        | 44.98                      | 54                     | -9.02       | -                   | -              | 341            | 126         | H        |

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

PK - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 37.19                | Pk  | 34.1             | -16.6        | 54.69                      | -                      | -           | 74                  | -19.31         | 57             | 153         | V        |
| 2      | * 5000.1        | 39.59                | Pk  | 33.8             | -16.5        | 56.89                      | -                      | -           | 74                  | -17.11         | 57             | 153         | V        |
| 3      | * 5150          | 26.3                 | RMS | 34.1             | -16.6        | 43.8                       | 54                     | -10.2       | -                   | -              | 57             | 153         | V        |
| 4      | * 5123.865      | 27.43                | RMS | 34               | -16.6        | 44.83                      | 54                     | -9.17       | -                   | -              | 57             | 153         | V        |

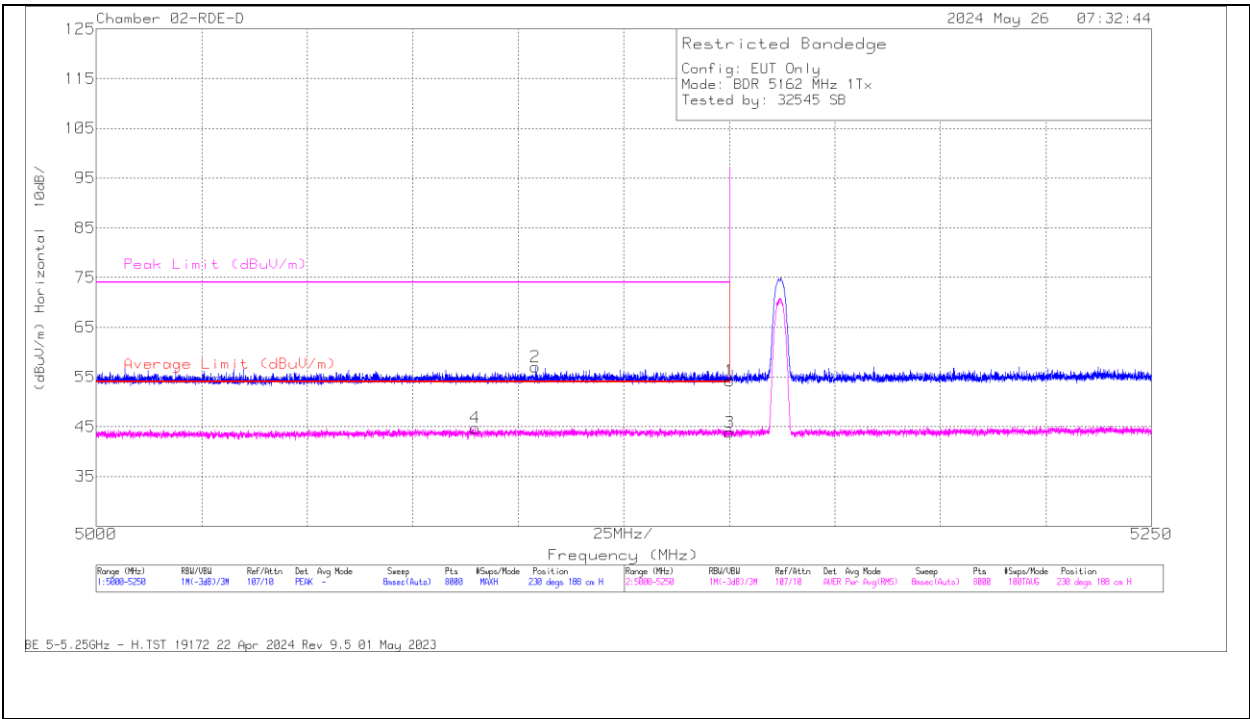
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

ANT 5

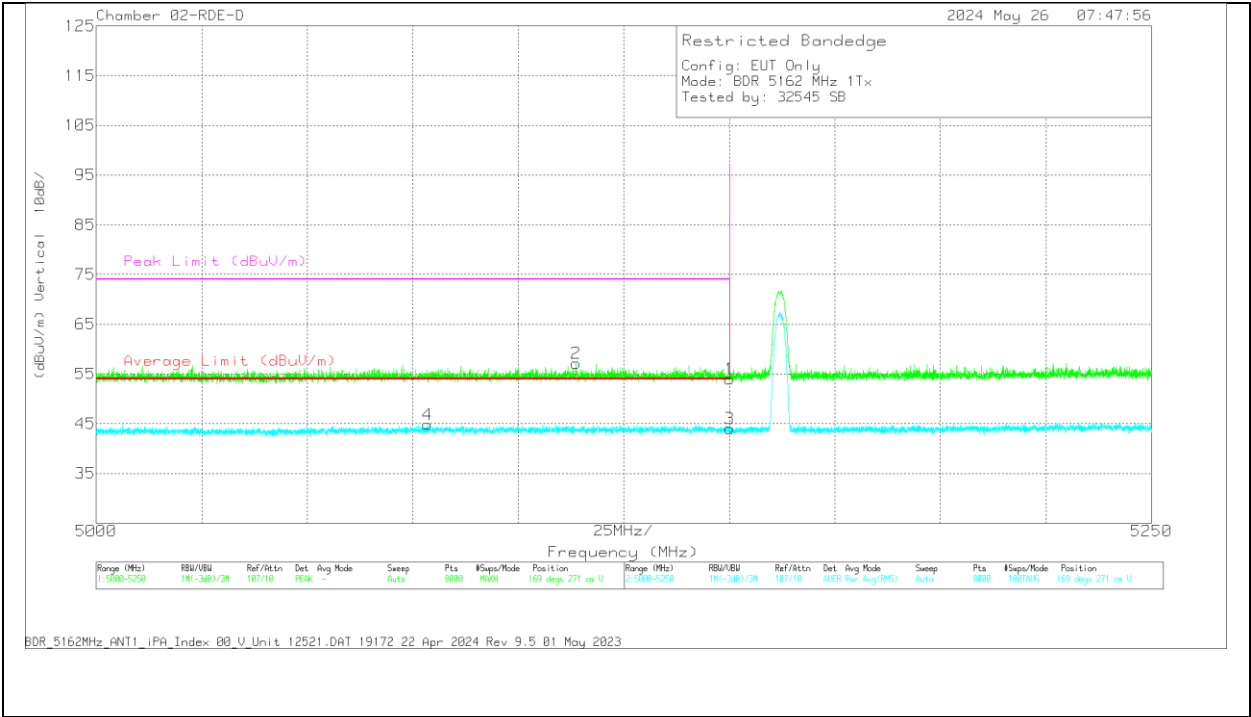
BANDEGE (LOW CHANNEL)  
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.77                | Pk  | 34.1             | -16.6        | 54.27                      | -                      | -           | 74                  | -19.73         | 230            | 188         | H        |
| 2      | * 5104.107      | 39.8                 | Pk  | 34               | -16.8        | 57                         | -                      | -           | 74                  | -17            | 230            | 188         | H        |
| 3      | * 5150          | 26.35                | RMS | 34.1             | -16.6        | 43.85                      | 54                     | -10.15      | -                   | -              | 230            | 188         | H        |
| 4      | * 5089.855      | 27.71                | RMS | 33.9             | -16.8        | 44.81                      | 54                     | -9.19       | -                   | -              | 230            | 188         | H        |

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

VERTICAL RESULT

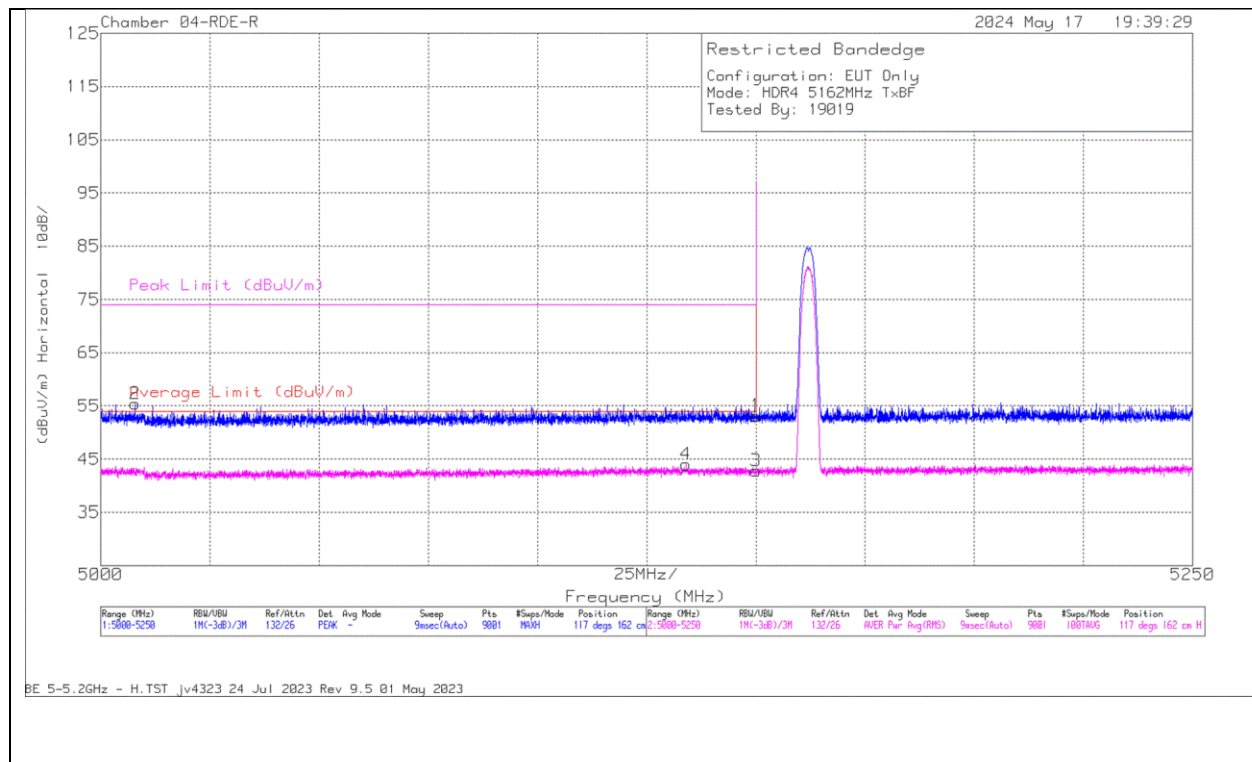


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.51                | Pk  | 34.1             | -16.6        | 54.01                      | -                      | -           | 74                  | -19.99         | 169            | 271         | V        |
| 2      | * 5113.671      | 39.9                 | Pk  | 34               | -16.8        | 57.1                       | -                      | -           | 74                  | -16.9          | 169            | 271         | V        |
| 3      | * 5150          | 26.49                | RMS | 34.1             | -16.6        | 43.99                      | 54                     | -10.01      | -                   | -              | 169            | 271         | V        |
| 4      | * 5078.448      | 27.64                | RMS | 33.9             | -16.7        | 44.84                      | 54                     | -9.16       | -                   | -              | 169            | 271         | V        |

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

Pk - Peak detector

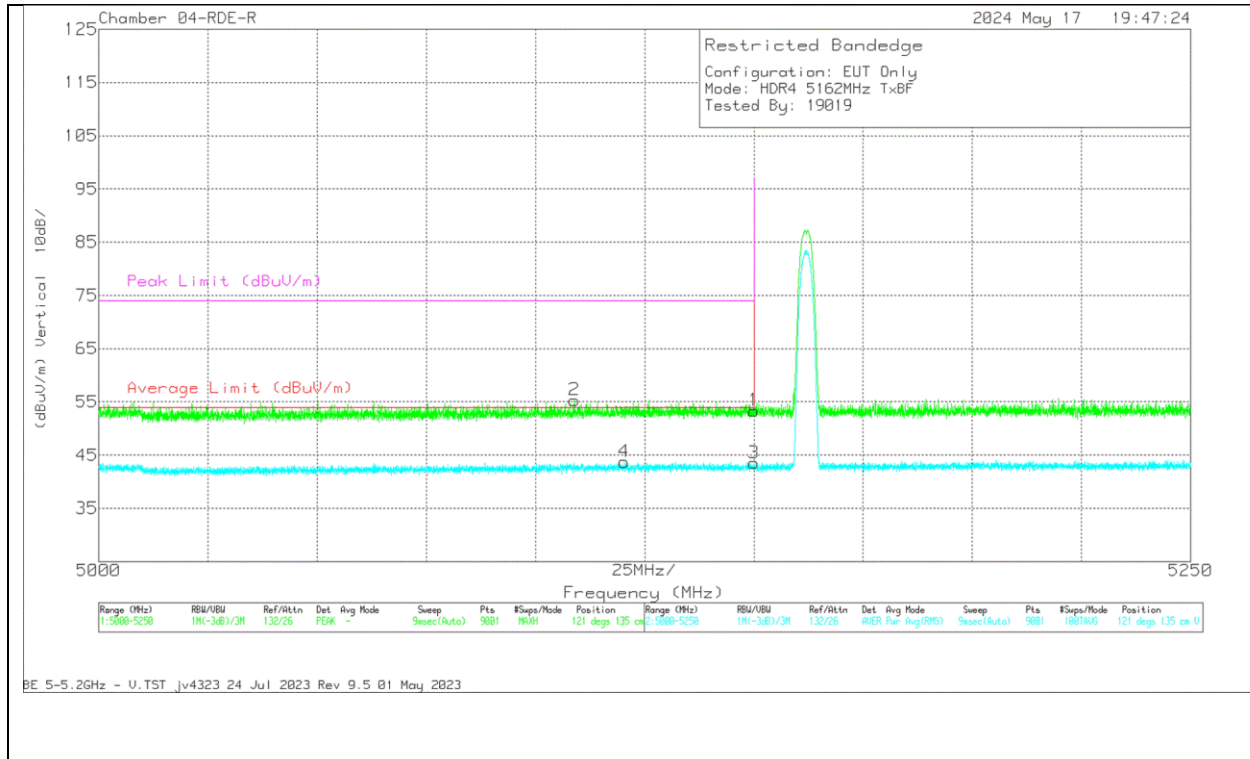
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 TX BF MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 41112 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | 5007.889        | 59.1                 | Pk  | 34.2             | -37.91         | 55.39                      | -                      | -           | 74                  | -18.61         | 117            | 162         | H        |
| 4      | 5133.973        | 47.17                | RMS | 34.3             | -37.46         | 44.01                      | 54                     | -9.99       | -                   | -              | 117            | 162         | H        |
| 1      | 5150            | 56.42                | Pk  | 34.3             | -37.6          | 53.12                      | -                      | -           | 74                  | -20.88         | 117            | 162         | H        |
| 3      | 5150            | 46.12                | RMS | 34.3             | -37.6          | 42.82                      | 54                     | -11.18      | -                   | -              | 117            | 162         | H        |

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 4112 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | 5108.89         | 58.79                | Pk  | 34.2            | -37.64         | 55.35                      | -                      | -           | 74                  | -18.65         | 121            | 135         | V        |
| 4      | 5120.307        | 47.09                | RMS | 34.2            | -37.54         | 43.75                      | 54                     | -10.25      | -                   | -              | 121            | 135         | V        |
| 1      | 5150            | 56.67                | Pk  | 34.3            | -37.6          | 53.37                      | -                      | -           | 74                  | -20.63         | 121            | 135         | V        |
| 3      | 5150            | 46.84                | RMS | 34.3            | -37.6          | 43.54                      | 54                     | -10.46      | -                   | -              | 121            | 135         | V        |

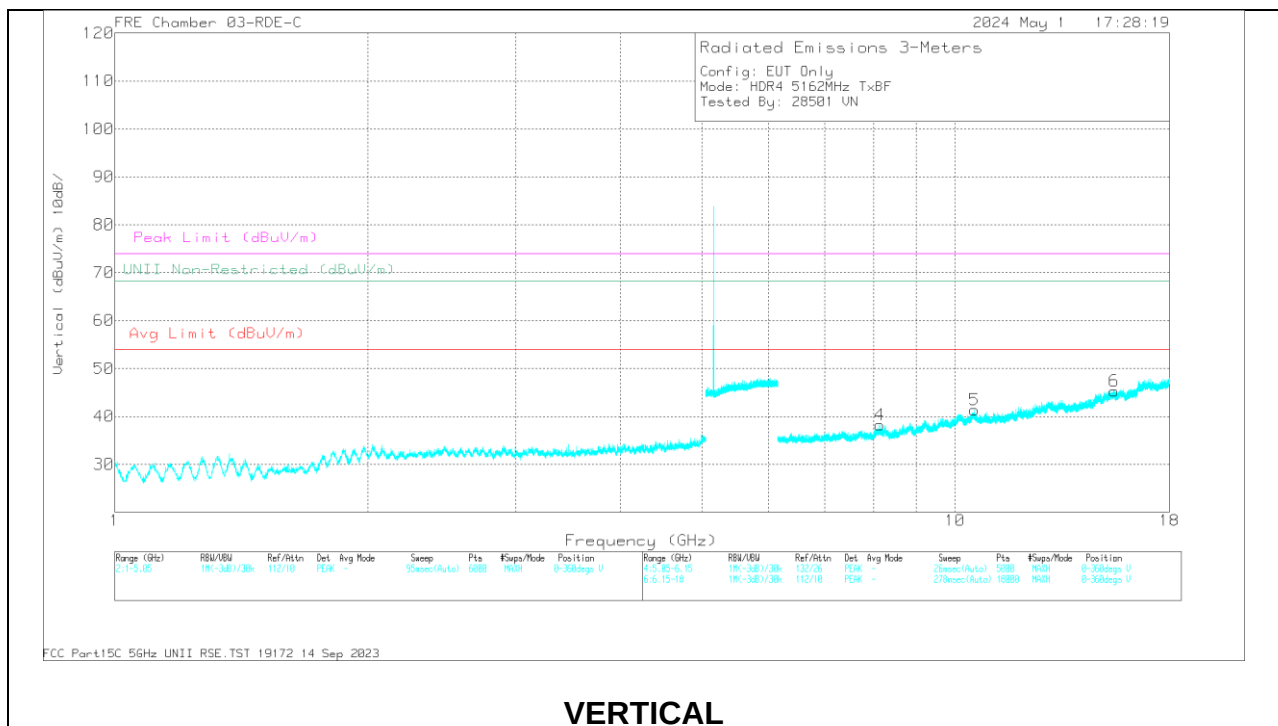
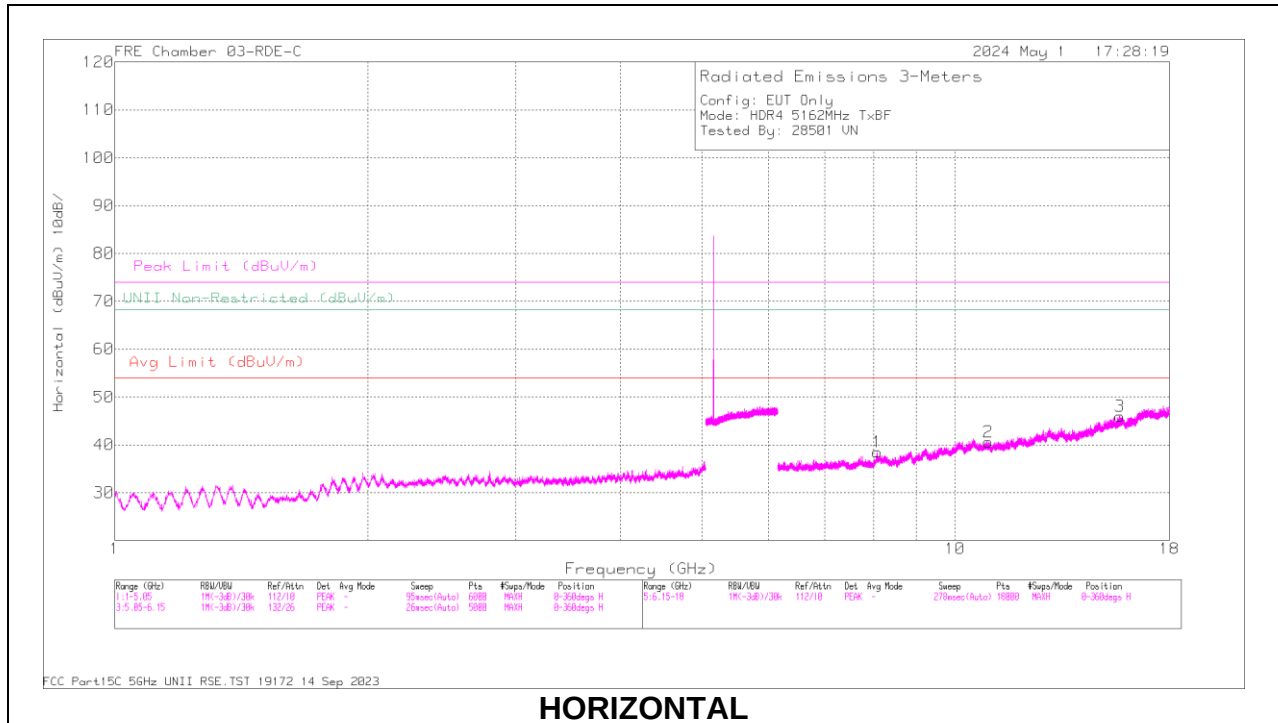
Pk - Peak detector

RMS - RMS detection



# 10.1.8. HDR4, LOW POWER UNII-1 HARMONIC AND SPURIOUS IN THE 5.2 GHz BAND

## LOW CHANNEL



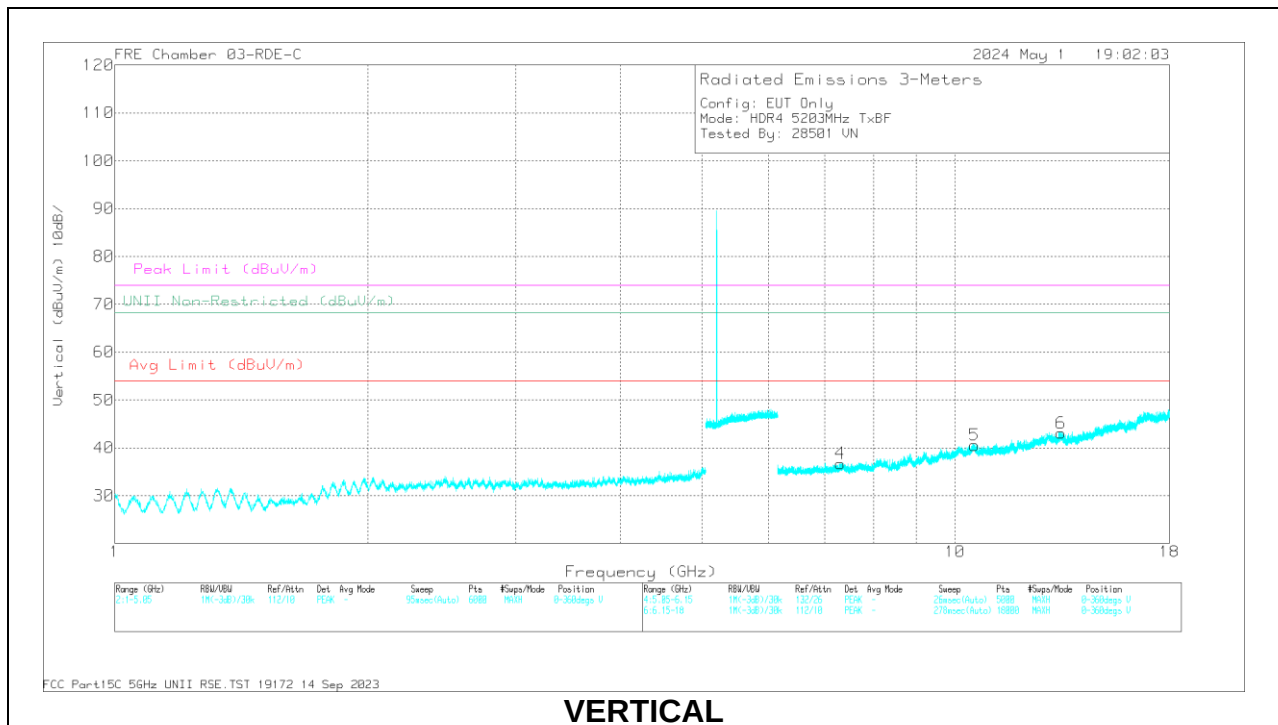
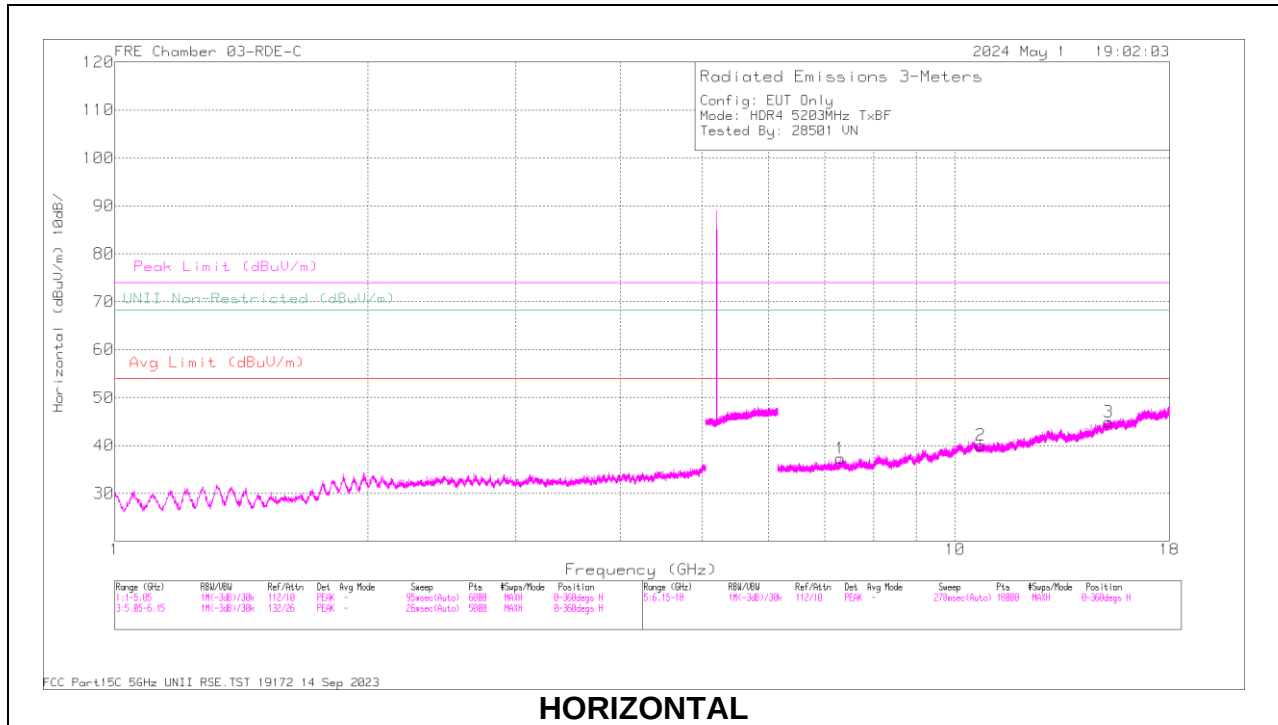
## DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 8.076986      | 55.71                | PK-U | 35.9                 | -44.2          | 47.41                      | -                  | -           | 74                  | -26.59         | -                            | -              | 200            | 276         | H        |
|        | * 8.075841      | 43.97                | ADR  | 35.9                 | -44.28         | 35.59                      | 54                 | -18.41      | -                   | -              | -                            | -              | 200            | 276         | H        |
| 2      | * 10.956931     | 55.78                | PK-U | 37.9                 | -43.9          | 49.78                      | -                  | -           | 74                  | -24.22         | -                            | -              | 357            | 217         | H        |
|        | * 10.954753     | 44.6                 | ADR  | 37.9                 | -43.88         | 38.62                      | 54                 | -15.38      | -                   | -              | -                            | -              | 357            | 217         | H        |
| 3      | * 15.712855     | 58.23                | PK-U | 40.3                 | -44.19         | 54.34                      | -                  | -           | 74                  | -19.66         | -                            | -              | 317            | 383         | H        |
|        | * 15.71236      | 46.61                | ADR  | 40.3                 | -44.14         | 42.77                      | 54                 | -11.23      | -                   | -              | -                            | -              | 317            | 383         | H        |
| 4      | * 8.136287      | 55.77                | PK-U | 35.9                 | -44.47         | 47.2                       | -                  | -           | 74                  | -26.8          | -                            | -              | 120            | 122         | V        |
|        | * 8.137093      | 44.37                | ADR  | 35.9                 | -44.4          | 35.87                      | 54                 | -18.13      | -                   | -              | -                            | -              | 120            | 122         | V        |
| 6      | * 15.46792      | 58.2                 | PK-U | 40.2                 | -43.4          | 55                         | -                  | -           | 74                  | -19            | -                            | -              | 7              | 159         | V        |
|        | * 15.468248     | 46.76                | ADR  | 40.2                 | -43.4          | 43.56                      | 54                 | -10.44      | -                   | -              | -                            | -              | 7              | 159         | V        |
| 5      | 10.55663        | 56.13                | PK-U | 37.7                 | -43.84         | 49.99                      | -                  | -           | -                   | -              | 68.2                         | -18.21         | 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

**MID CHANNEL**

## DATA:

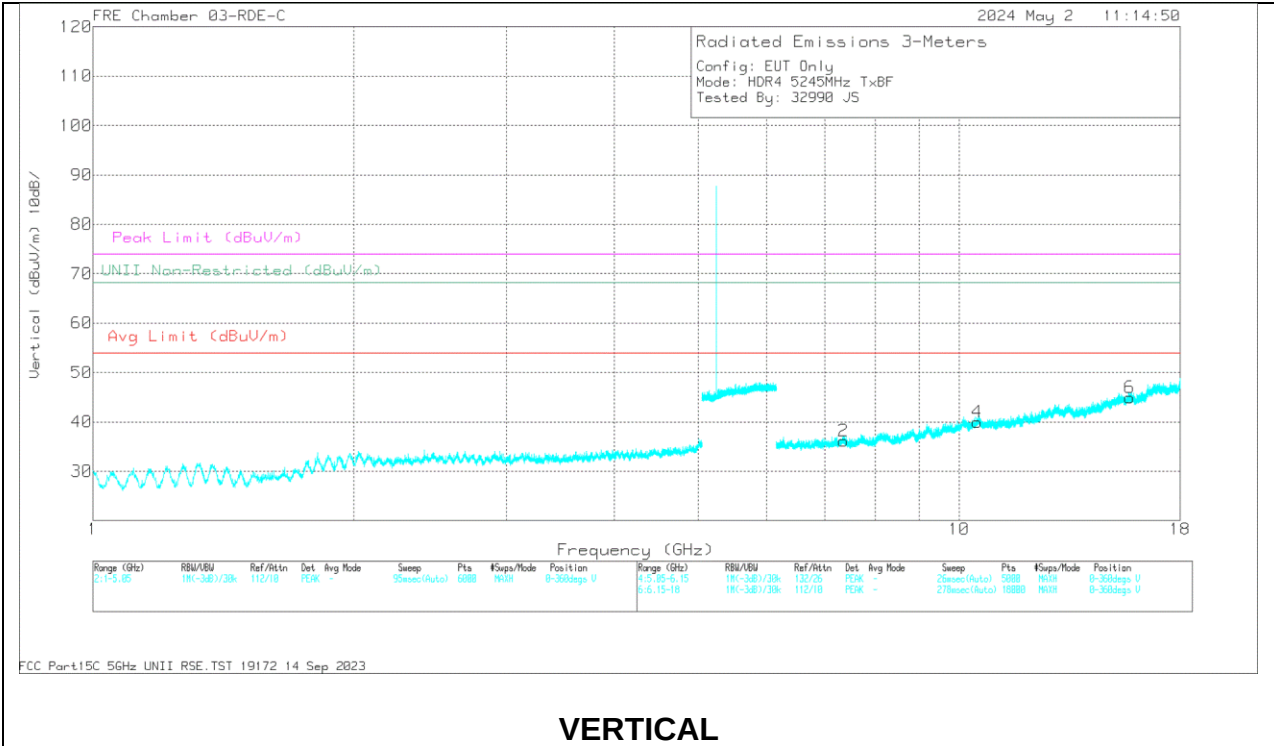
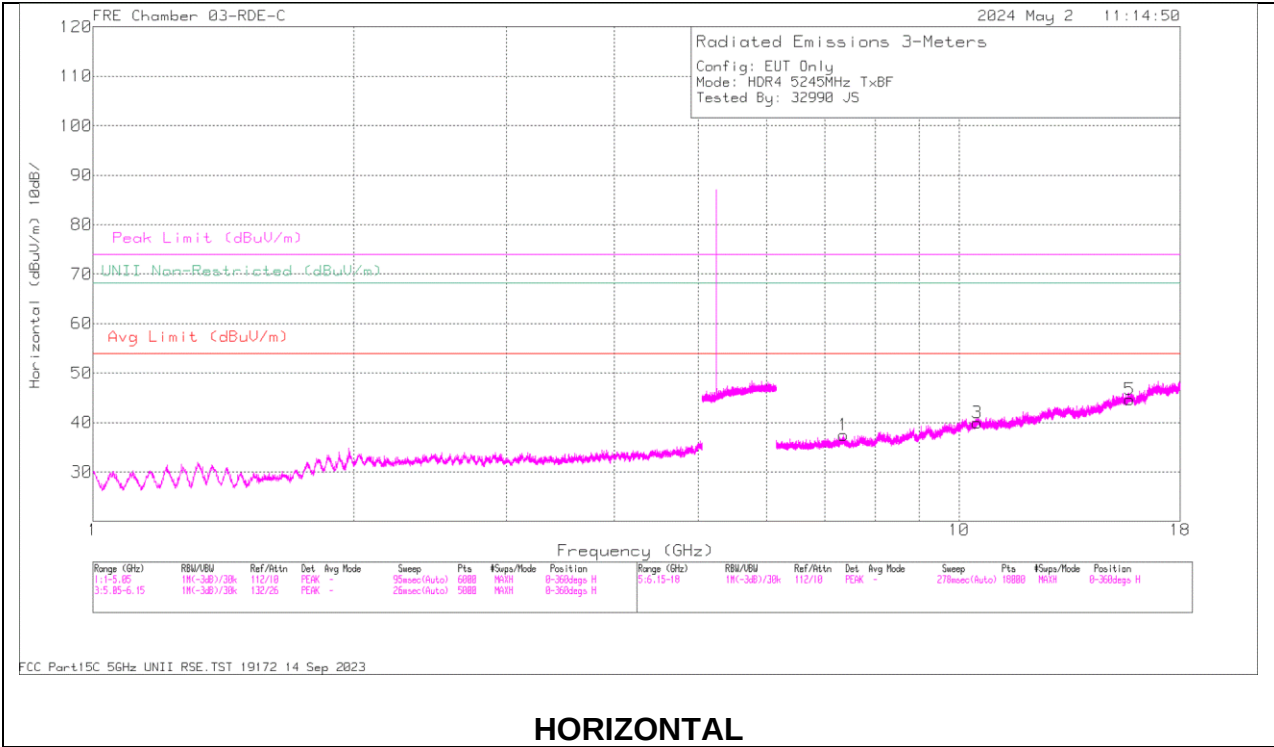
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 7.308685      | 56.69                | PK-U | 35.7                 | -45.83         | 46.56                      | -                  | -           | 74                  | -27.44         | -                            | -              | 205            | 108         | H        |
|        | * 7.307085      | 45                   | ADR  | 35.7                 | -45.9          | 34.8                       | 54                 | -19.2       | -                   | -              | -                            | -              | 205            | 108         | H        |
| 2      | * 10.72513      | 56.31                | PK-U | 37.8                 | -44.47         | 49.64                      | -                  | -           | 74                  | -24.36         | -                            | -              | 156            | 182         | H        |
|        | * 10.725584     | 44.96                | ADR  | 37.8                 | -44.38         | 38.38                      | 54                 | -15.62      | -                   | -              | -                            | -              | 156            | 182         | H        |
| 4      | * 7.307135      | 57.16                | PK-U | 35.7                 | -45.9          | 46.96                      | -                  | -           | 74                  | -27.04         | -                            | -              | 285            | 327         | V        |
|        | * 7.310414      | 45.12                | ADR  | 35.7                 | -45.9          | 34.92                      | 54                 | -19.08      | -                   | -              | -                            | -              | 285            | 327         | V        |
| 6      | * 13.363893     | 57.79                | PK-U | 39.1                 | -44.9          | 51.99                      | -                  | -           | 74                  | -22.01         | -                            | -              | 298            | 206         | V        |
|        | * 13.364557     | 46.44                | ADR  | 39.1                 | -45.01         | 40.53                      | 54                 | -13.47      | -                   | -              | -                            | -              | 298            | 206         | V        |
| 5      | 10.558144       | 56.42                | PK-U | 37.7                 | -43.81         | 50.31                      | -                  | -           | -                   | -              | 68.2                         | -17.89         | 291            | 136         | V        |
| 3      | 15.247121       | 58.28                | PK-U | 40.1                 | -44            | 54.38                      | -                  | -           | -                   | -              | 68.2                         | -13.82         | 190            | 264         | H        |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



## DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 223084 ACF (dB/m) 3m | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 7.36057       | 57.27                | PK-U | 35.7                 | -45.9          | 47.07                      | -                  | -           | 74                  | -26.93         | -                            | -              | 352            | 389         | H        |
|        | * 7.359869      | 45.52                | ADR  | 35.7                 | -45.89         | 35.33                      | 54                 | -18.67      | -                   | -              | -                            | -              | 352            | 389         | H        |
| 5      | * 15.736558     | 59.04                | PK-U | 40.3                 | -44.11         | 55.23                      | -                  | -           | 74                  | -18.77         | -                            | -              | 344            | 180         | H        |
|        | * 15.736446     | 47.36                | ADR  | 40.3                 | -44.09         | 43.57                      | 54                 | -10.43      | -                   | -              | -                            | -              | 344            | 180         | H        |
| 2      | * 7.360429      | 56.94                | PK-U | 35.7                 | -45.9          | 46.74                      | -                  | -           | 74                  | -27.26         | -                            | -              | 162            | 309         | V        |
|        | * 7.359111      | 45.55                | ADR  | 35.7                 | -45.81         | 35.44                      | 54                 | -18.56      | -                   | -              | -                            | -              | 162            | 309         | V        |
| 6      | * 15.73253      | 58.61                | PK-U | 40.3                 | -44.1          | 54.81                      | -                  | -           | 74                  | -19.19         | -                            | -              | 253            | 244         | V        |
| 4      | 10.487896       | 56.99                | PK-U | 37.7                 | -44.1          | 50.59                      | -                  | -           | -                   | -              | 68.2                         | -17.61         | 129            | 119         | V        |
| 3      | 10.491411       | 56.88                | PK-U | 37.7                 | -44            | 50.58                      | -                  | -           | -                   | -              | 68.2                         | -17.62         | 244            | 272         | H        |

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

PK-U - U-NII: Maximum Peak

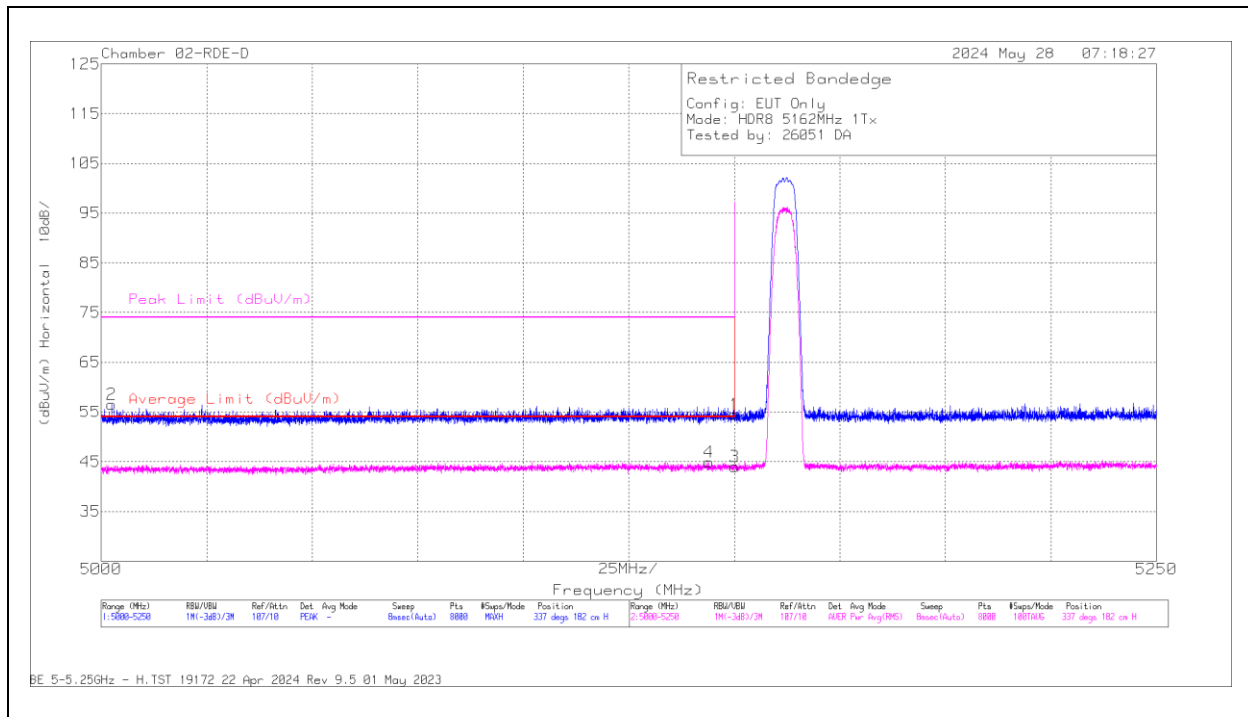
ADR - U-NII AD primary method, RMS average

## 10.1.9. HDR8, HIGH POWER UNII-1 BANDEDGE

### ANT 6

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



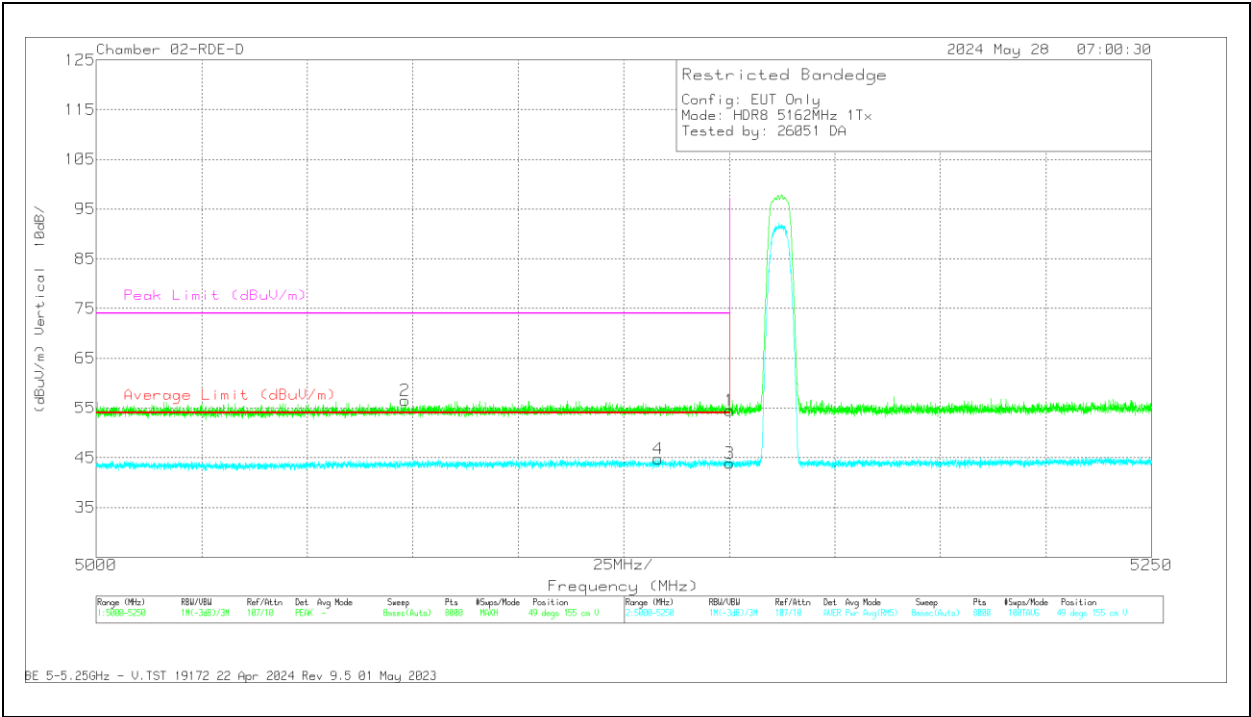
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 37.02                | PK  | 34.1             | -16.6        | 54.52                      | -                      | -           | 74                  | -19.48         | 337            | 182         | H        |
| 2      | * 5002.469      | 39.17                | PK  | 33.8             | -16.5        | 56.47                      | -                      | -           | 74                  | -17.53         | 337            | 182         | H        |
| 3      | * 5150          | 26.58                | RMS | 34.1             | -16.6        | 44.08                      | 54                     | -9.92       | -                   | -              | 337            | 182         | H        |
| 4      | * 5143.956      | 27.42                | RMS | 34.1             | -16.6        | 44.92                      | 54                     | -9.08       | -                   | -              | 337            | 182         | H        |

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

PK - Peak detector

RMS - RMS detection

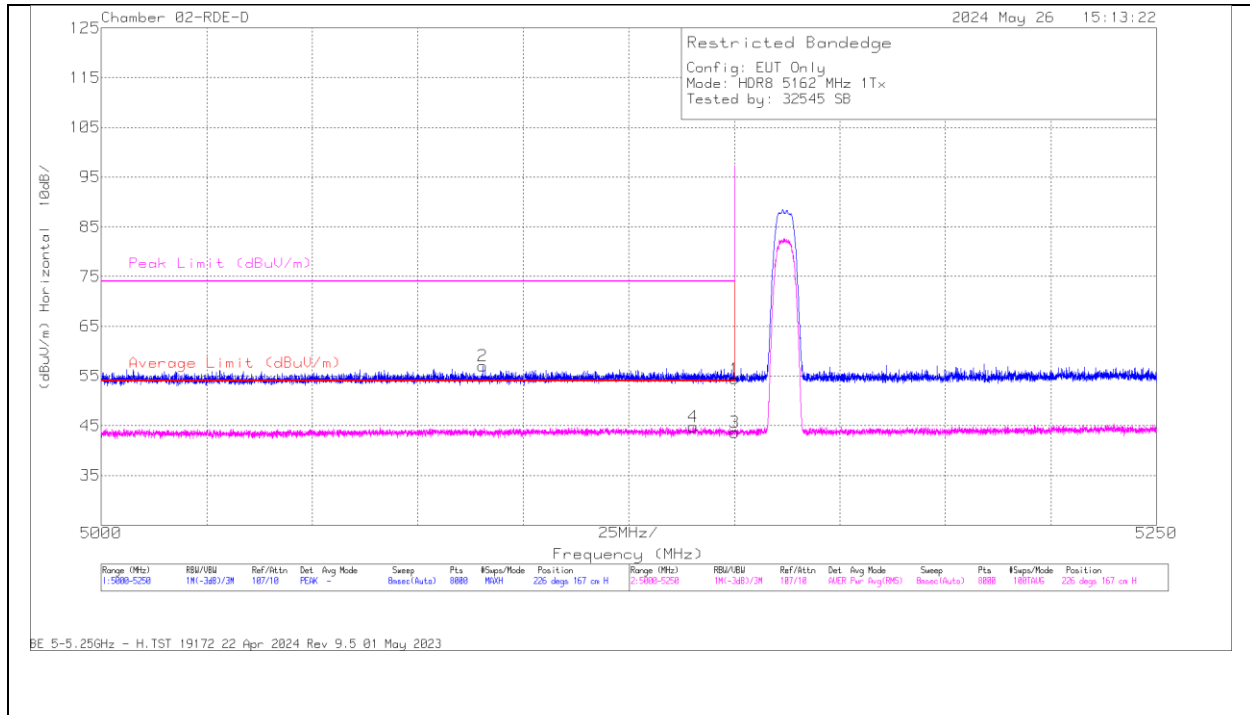
VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.96                | Pk  | 34.1             | -16.6        | 54.46                      | -                      | -           | 74                  | -19.54         | 49             | 155         | V        |
| 2      | * 5073.166      | 39.44                | Pk  | 33.9             | -16.8        | 56.54                      | -                      | -           | 74                  | -17.46         | 49             | 155         | V        |
| 3      | * 5150          | 26.36                | RMS | 34.1             | -16.6        | 43.86                      | 54                     | -10.14      | -                   | -              | 49             | 155         | V        |
| 4      | * 5133.142      | 27.53                | RMS | 34               | -16.7        | 44.83                      | 54                     | -9.17       | -                   | -              | 49             | 155         | V        |

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



**ANT 5****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

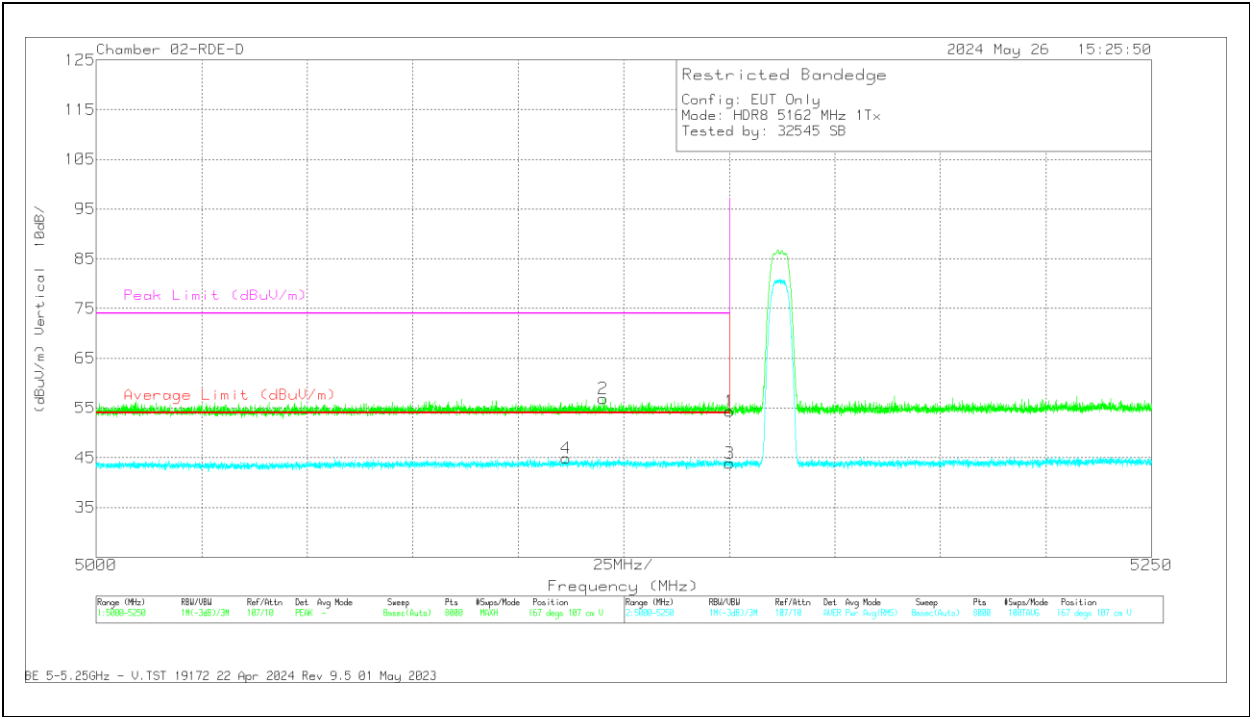
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.92                | Pk  | 34.1             | -16.6        | 54.42                      | -                      | -           | 74                  | -19.58         | 226            | 167         | H        |
| 2      | * 5090.355      | 39.97                | Pk  | 33.9             | -16.8        | 57.07                      | -                      | -           | 74                  | -16.93         | 226            | 167         | H        |
| 3      | * 5150          | 26.16                | RMS | 34.1             | -16.6        | 43.66                      | 54                     | -10.34      | -                   | -              | 226            | 167         | H        |
| 4      | * 5140.205      | 27.4                 | RMS | 34.1             | -16.7        | 44.8                       | 54                     | -9.2        | -                   | -              | 226            | 167         | H        |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACI(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 36.86                | Pk  | 34.1             | -16.6        | 54.36                      | -                      | -           | 74                  | -19.64         | 167            | 107         | V        |
| 2      | * 5120.109      | 39.64                | Pk  | 34               | -16.7        | 56.94                      | -                      | -           | 74                  | -17.06         | 167            | 107         | V        |
| 3      | * 5150          | 26.38                | RMS | 34.1             | -16.6        | 43.88                      | 54                     | -10.12      | -                   | -              | 167            | 107         | V        |
| 4      | * 5111.327      | 27.59                | RMS | 34               | -16.7        | 44.89                      | 54                     | -9.11       | -                   | -              | 167            | 107         | V        |

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

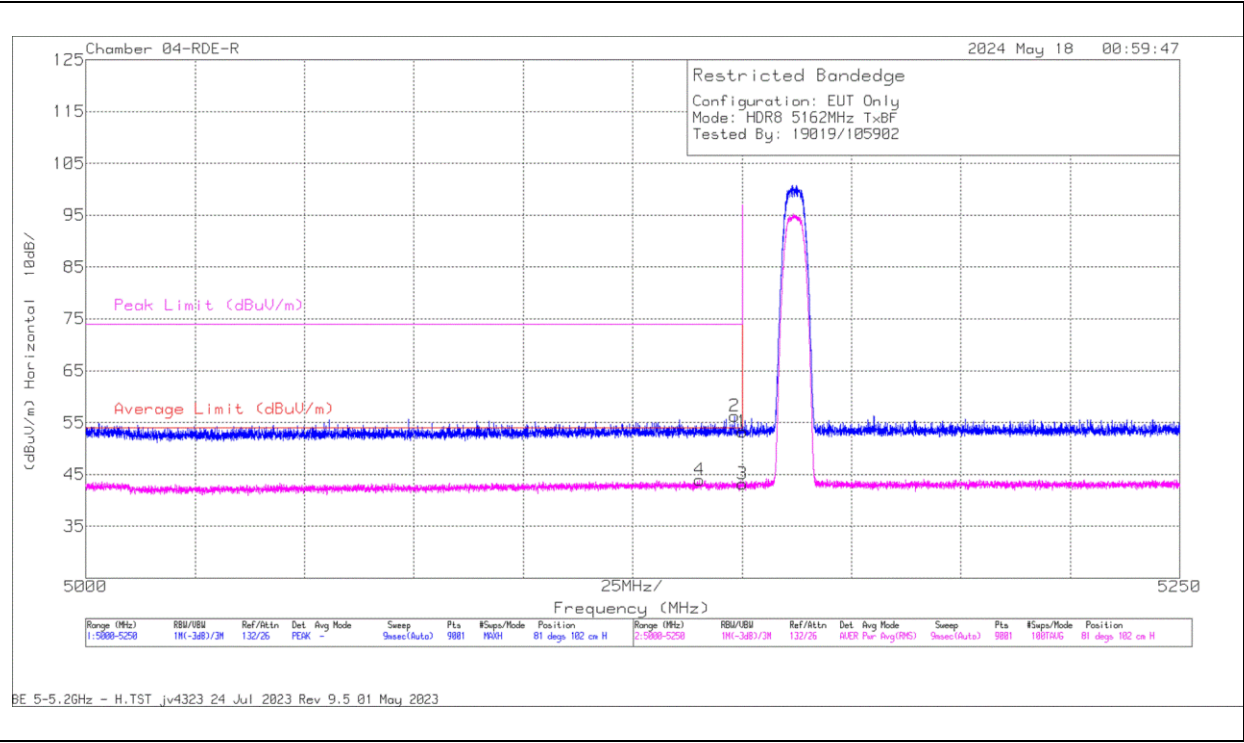
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE

BANDEDGE (LOW CHANNEL)

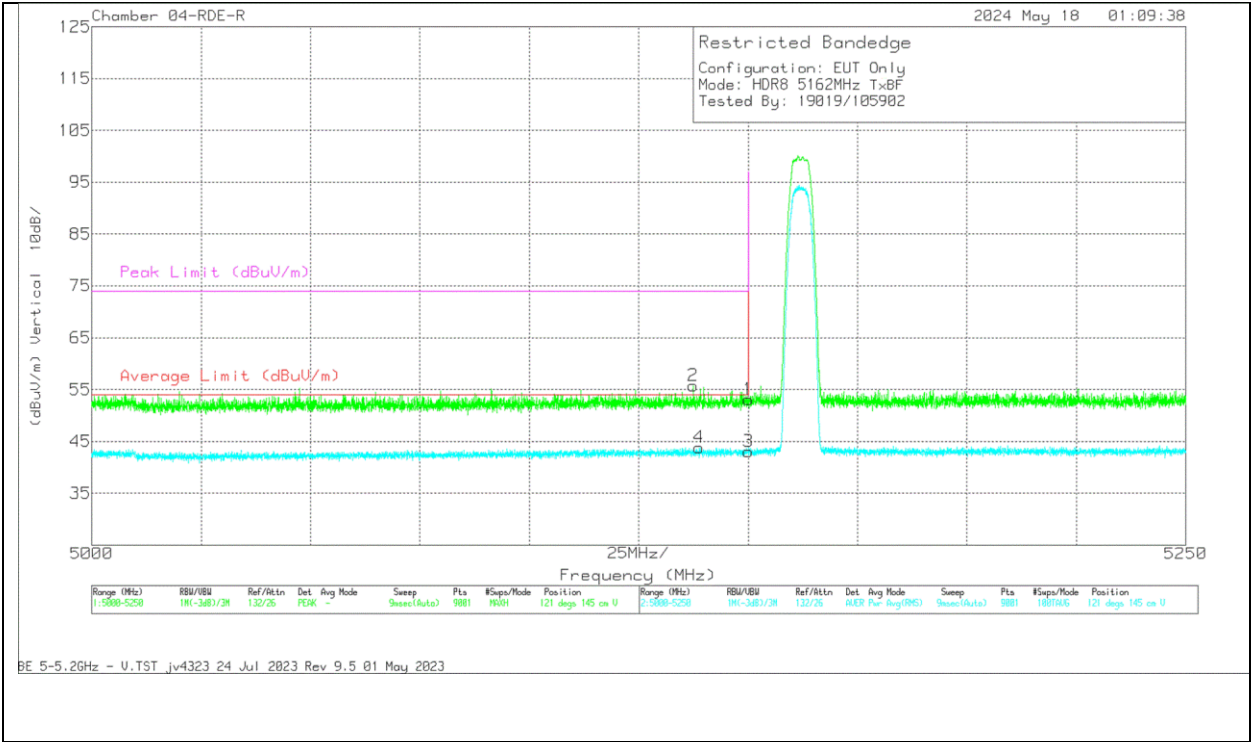
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 41112 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4      | 5140.279        | 47.27                | RMS | 34.3             | -37.57         | 44                         | 54                     | -10         | -                   | -              | 81             | 102         | H        |
| 2      | 5148.251        | 59.51                | Pk  | 34.3             | -37.58         | 56.23                      | -                      | -           | 74                  | -17.77         | 81             | 102         | H        |
| 1      | 5150            | 56.59                | Pk  | 34.3             | -37.6          | 53.29                      | -                      | -           | 74                  | -20.71         | 81             | 102         | H        |
| 3      | 5150            | 46.5                 | RMS | 34.3             | -37.6          | 43.2                       | 54                     | -10.8       | -                   | -              | 81             | 102         | H        |

Pk - Peak detector  
RMS - RMS detection

VERTICAL RESULT



| a | Frequency (MHz) | Meter Reading (dBuV) | Det | 41112 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2 | 5137.446        | 59                   | Pk  | 34.3             | -37.54         | 55.76                      | -                      | -           | 74                  | -18.24         | 121            | 145         | V        |
| 4 | 5138.751        | 47.06                | RMS | 34.3             | -37.56         | 43.8                       | 54                     | -10.2       | -                   | -              | 121            | 145         | V        |
| 1 | 5150            | 56.46                | Pk  | 34.3             | -37.6          | 53.16                      | -                      | -           | 74                  | -20.84         | 121            | 145         | V        |
| 3 | 5150            | 46.35                | RMS | 34.3             | -37.6          | 43.05                      | 54                     | -10.95      | -                   | -              | 121            | 145         | V        |

Pk - Peak detector  
RMS - RMS detection

## 10.1.10. HDR8, HIGH POWER UNII-1 HARMONIC AND SPURIOUS IN THE 5.2 GHz BAND

### LOW CHANNEL

