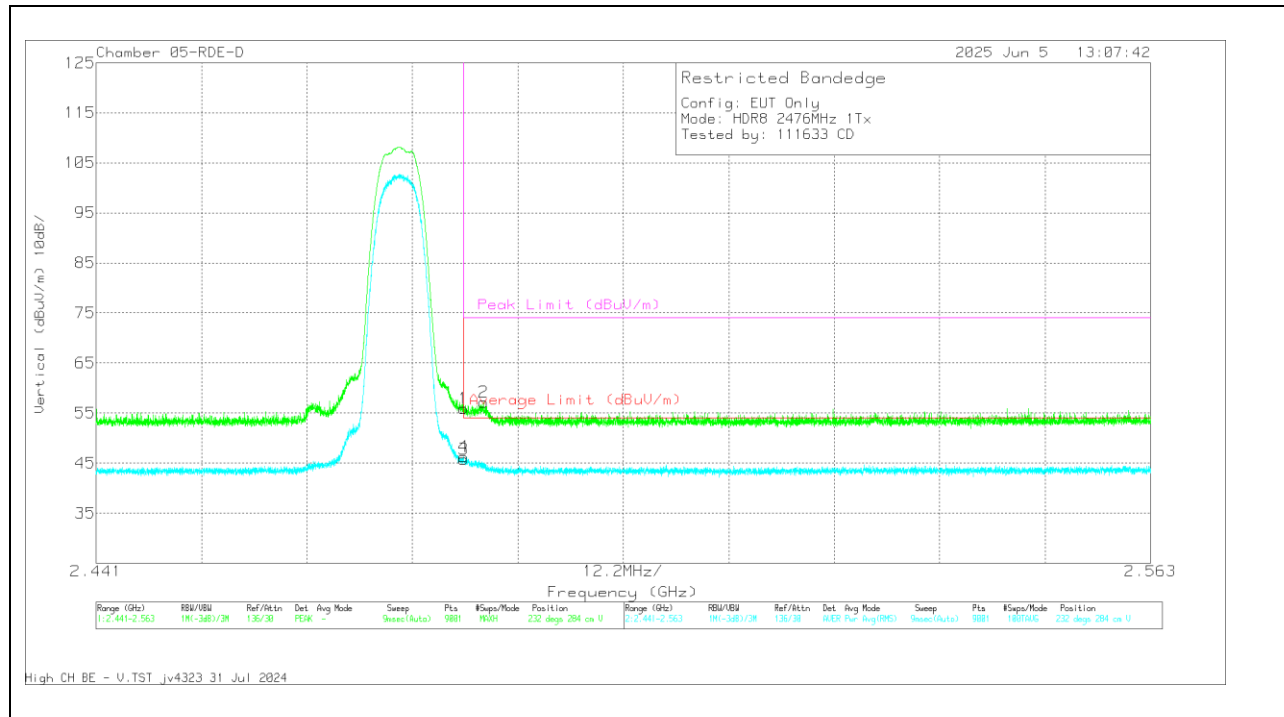


## VERTICAL RESULT

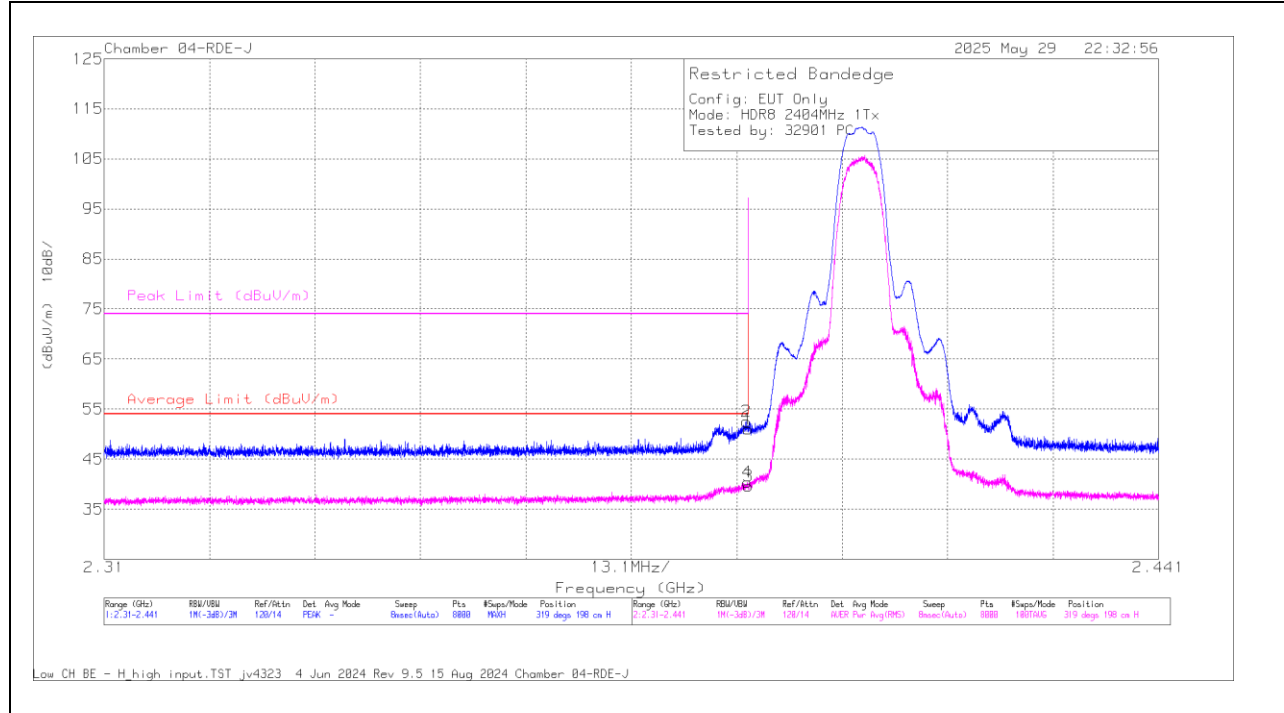


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 64.18                | Pk  | 32.4             | 0         | -40.71         | 55.87                      | -                      | -           | 74                  | -18.13      | 232            | 284         | V        |
| 2      | *2.485843       | 65.43                | PK  | 32.4             | 0         | -40.65         | 57.18                      | -                      | -           | 74                  | -16.82      | 232            | 284         | V        |
| 3      | *2.4835         | 53.01                | RMS | 32.4             | 1.07      | -40.71         | 45.77                      | 54                     | -8.23       | -                   | -           | 232            | 284         | V        |
| 4      | *2.483525       | 53.52                | RMS | 32.4             | 1.07      | -40.71         | 46.28                      | 54                     | -7.72       | -                   | -           | 232            | 284         | V        |

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

Pk - Peak detector

RMS - RMS detection

**ANT 1****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

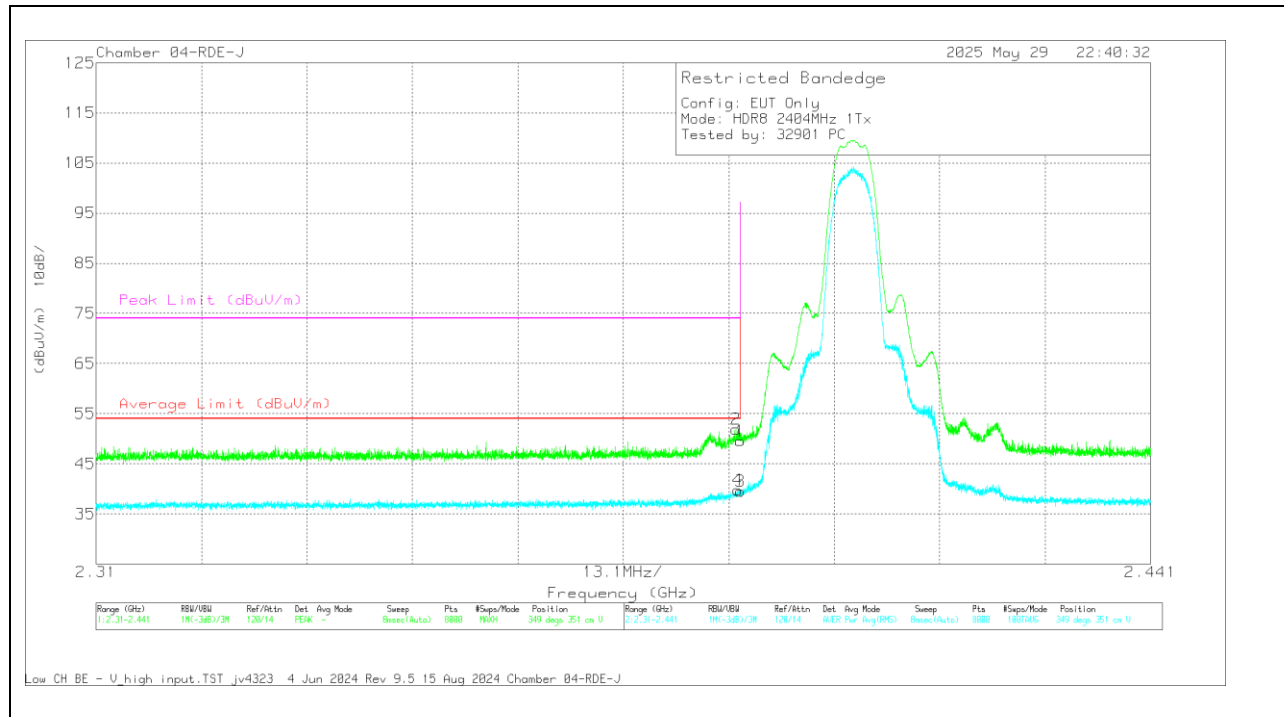
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 47.07                | Pk  | 32.2             | -28.2        | 0         | 51.07                      | -                      | -           | 74                  | -22.93         | 319            | 198         | H        |
| 2      | * 2.389805      | 48.57                | Pk  | 32.2             | -28.2        | 0         | 52.57                      | -                      | -           | 74                  | -21.43         | 319            | 198         | H        |
| 3      | * 2.39          | 34.59                | RMS | 32.2             | -28.2        | 1.07      | 39.66                      | 54                     | -14.34      | -                   | -              | 319            | 198         | H        |
| 4      | * 2.38992       | 35.32                | RMS | 32.2             | -28.2        | 1.07      | 40.39                      | 54                     | -13.61      | -                   | -              | 319            | 198         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

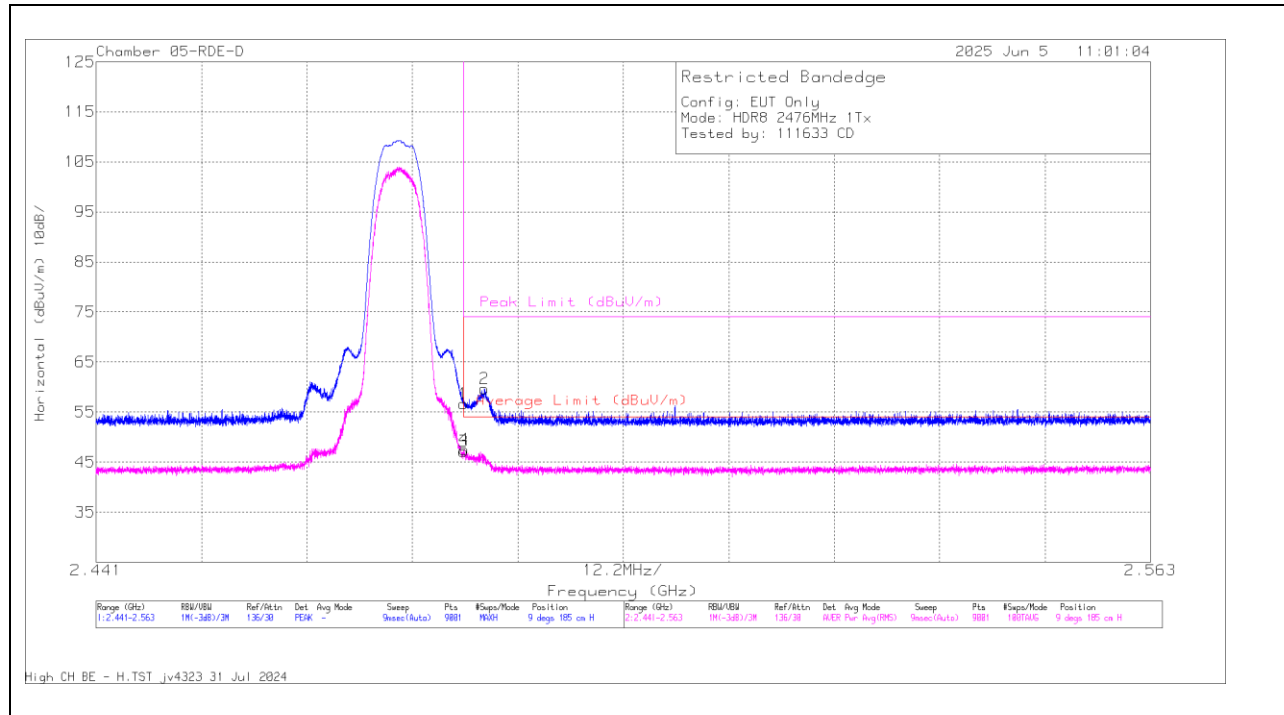


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 45.58                | Pk  | 32.2             | -28.2        | 0         | 49.58                      | -                      | -           | 74                  | -24.42         | 349            | 351         | V        |
| 2      | * 2.38951       | 47.88                | Pk  | 32.2             | -28.2        | 0         | 51.88                      | -                      | -           | 74                  | -22.12         | 349            | 351         | V        |
| 3      | * 2.39          | 34.45                | RMS | 32.2             | -28.2        | 1.07      | 39.52                      | 54                     | -14.48      | -                   | -              | 349            | 351         | V        |
| 4      | * 2.38974       | 34.66                | RMS | 32.2             | -28.2        | 1.07      | 39.73                      | 54                     | -14.27      | -                   | -              | 349            | 351         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

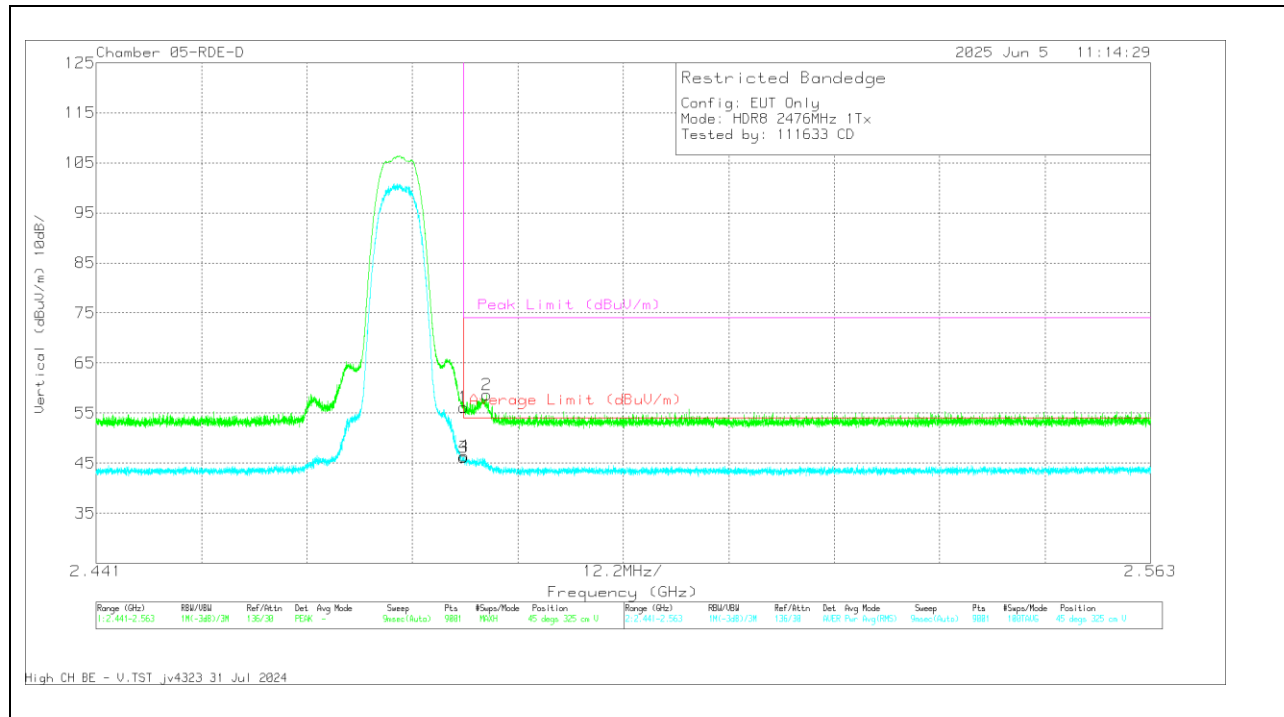
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 64.99                | PK  | 32.4             | 0         | -40.71         | 56.68                      | -                      | -           | 74                  | -17.32      | 9              | 185         | H        |
| 2      | *2.485938       | 67.94                | PK  | 32.4             | 0         | -40.65         | 59.69                      | -                      | -           | 74                  | -14.31      | 9              | 185         | H        |
| 3      | *2.4835         | 54.37                | RMS | 32.4             | 1.07      | -40.71         | 47.13                      | 54                     | -6.87       | -                   | -           | 9              | 185         | H        |
| 4      | *2.483593       | 54.81                | RMS | 32.4             | 1.07      | -40.71         | 47.57                      | 54                     | -6.43       | -                   | -           | 9              | 185         | 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 | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 64.43                | Pk  | 32.4             | 0         | -40.71         | 56.12                      | -                      | -           | 74                  | -17.88      | 45             | 325         | V        |
| 2      | *2.486182       | 66.92                | Pk  | 32.4             | 0         | -40.65         | 58.67                      | -                      | -           | 74                  | -15.33      | 45             | 325         | V        |
| 3      | *2.4835         | 53.37                | RMS | 32.4             | 1.07      | -40.71         | 46.13                      | 54                     | -7.87       | -                   | -           | 45             | 325         | V        |
| 4      | *2.483593       | 53.63                | RMS | 32.4             | 1.07      | -40.71         | 46.39                      | 54                     | -7.61       | -                   | -           | 45             | 325         | V        |

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

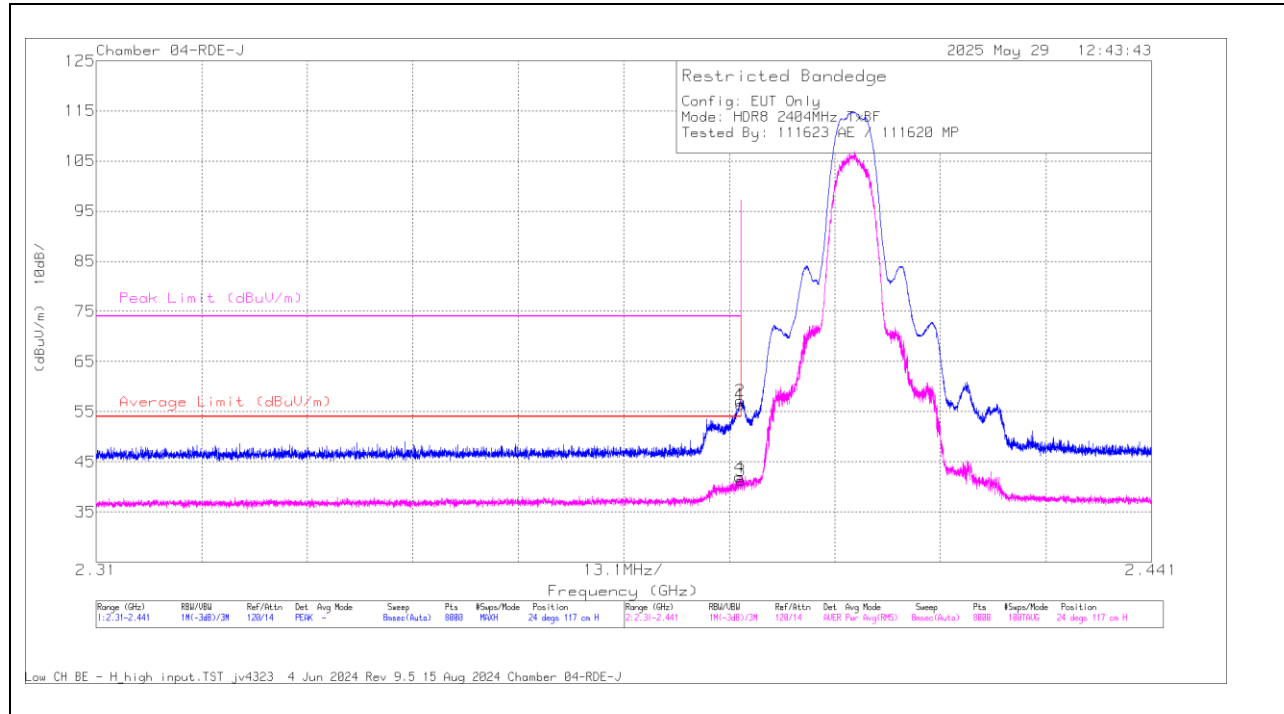
Pk - Peak detector

RMS - RMS detection

## 10.2.4. HIGH POWER HDR TXBF (HDR8)

### BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT



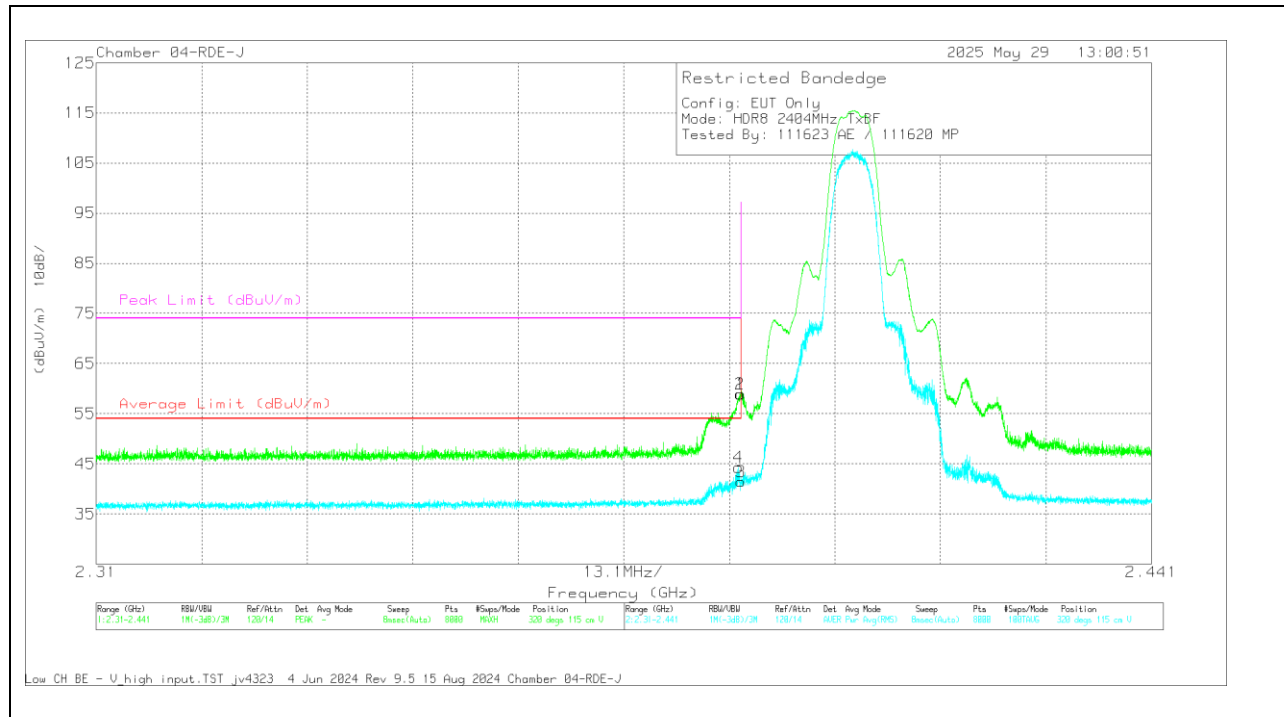
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 52.46                | Pk  | 32.2             | -28.2        | 0         | 56.46                      | -                      | -           | 74                  | -17.54         | 24             | 117         | H        |
| 2      | * 2.389936      | 53.13                | Pk  | 32.2             | -28.2        | 0         | 57.13                      | -                      | -           | 74                  | -16.87         | 24             | 117         | H        |
| 3      | * 2.39          | 36.15                | RMS | 32.2             | -28.2        | 1.07      | 41.22                      | 54                     | -12.78      | -                   | -              | 24             | 117         | H        |
| 4      | * 2.389871      | 36.88                | RMS | 32.2             | -28.2        | 1.07      | 41.95                      | 54                     | -12.05      | -                   | -              | 24             | 117         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

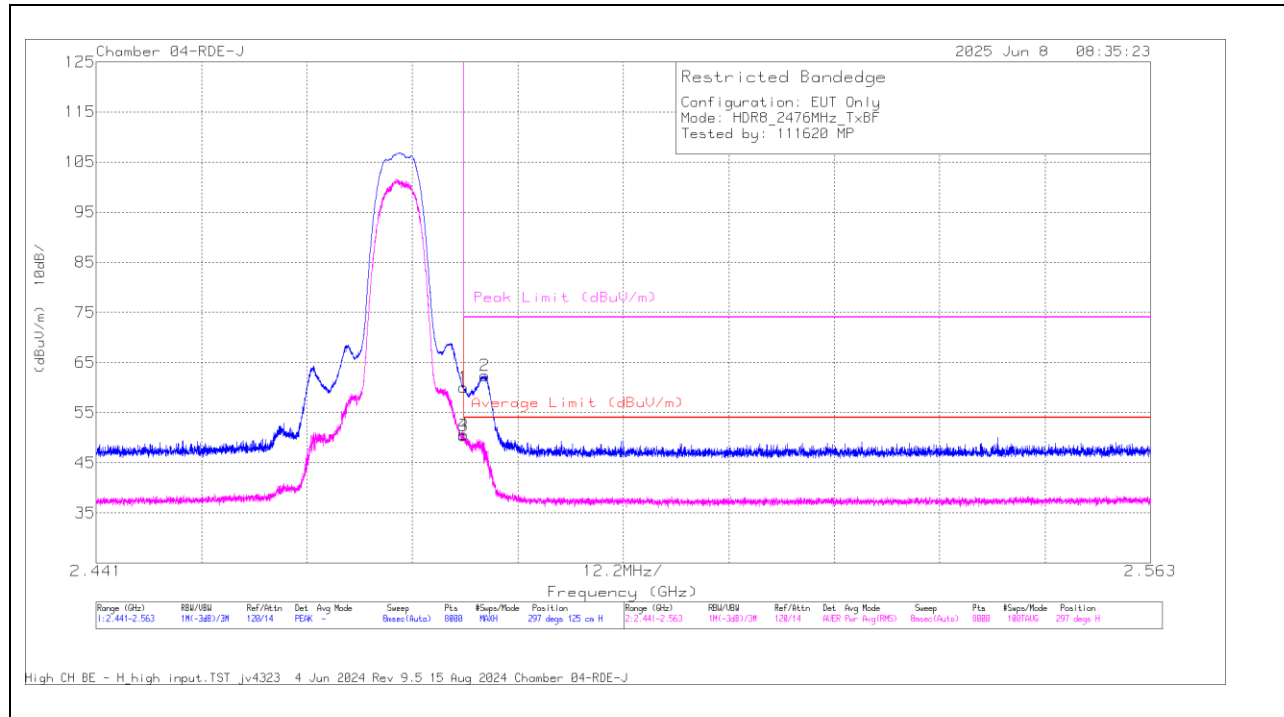


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 54.88                | Pk  | 32.2             | -28.2        | 0         | 58.88                      | -                      | -           | 74                  | -15.12         | 320            | 115         | V        |
| 2      | * 2.38992       | 54.94                | Pk  | 32.2             | -28.2        | 0         | 58.94                      | -                      | -           | 74                  | -15.06         | 320            | 115         | V        |
| 3      | * 2.39          | 36.38                | RMS | 32.2             | -28.2        | 1.07      | 41.45                      | 54                     | -12.55      | -                   | -              | 320            | 115         | V        |
| 4      | * 2.389707      | 39.24                | RMS | 32.2             | -28.2        | 1.07      | 44.31                      | 54                     | -9.69       | -                   | -              | 320            | 115         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

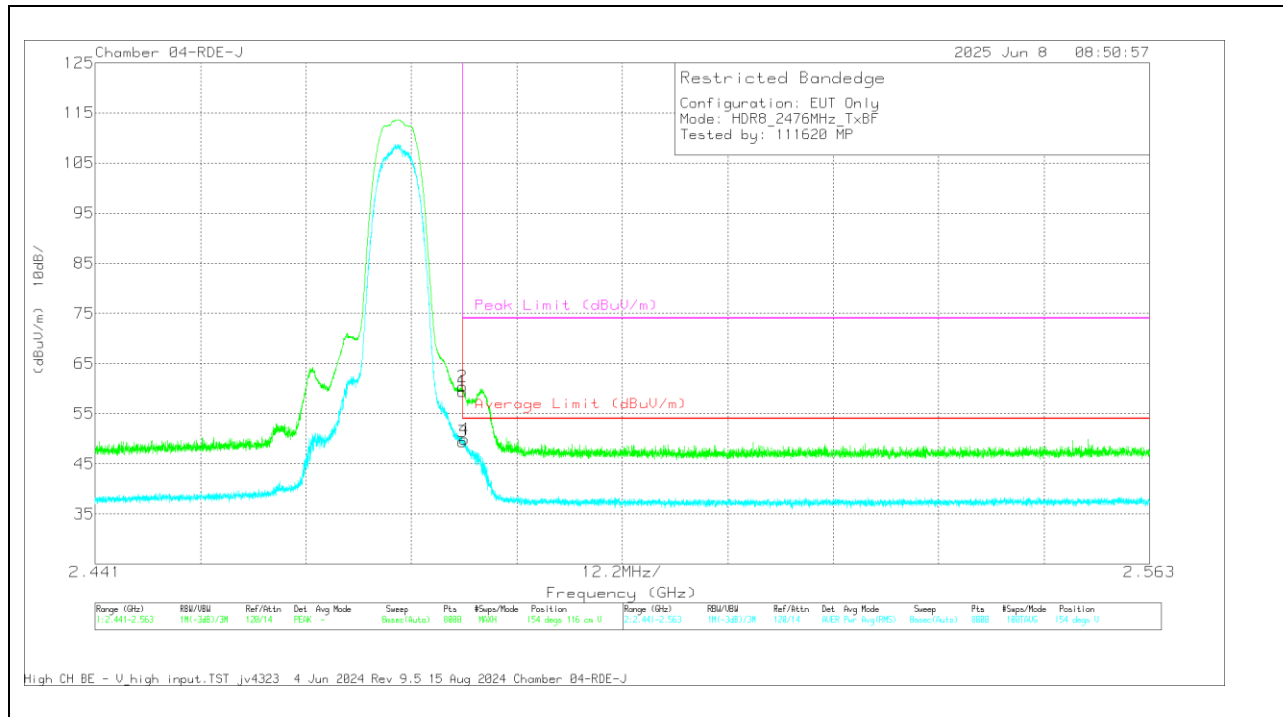
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 55.77                | Pk  | 32.4             | -28.1        | 0         | 60.07                      | -                      | -           | 74                  | -13.93         | 297            | 125         | H        |
| 2      | * 2.485948      | 57.98                | Pk  | 32.5             | -28.1        | 0         | 62.38                      | -                      | -           | 74                  | -11.62         | 297            | 125         | H        |
| 3      | * 2.4835        | 45                   | RMS | 32.4             | -28.1        | 1.07      | 50.37                      | 54                     | -3.63       | -                   | -              | 297            | 125         | H        |
| 4      | * 2.483523      | 45.28                | RMS | 32.4             | -28.1        | 1.07      | 50.65                      | 54                     | -3.35       | -                   | -              | 297            | 125         | 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 | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 55.16                | Pk  | 32.4             | -28.1        | 0         | 59.46                      | -                      | -           | 74                  | -14.54         | 154            | 116         | V        |
| 2      | * 2.483538      | 56.13                | Pk  | 32.4             | -28.1        | 0         | 60.43                      | -                      | -           | 74                  | -13.57         | 154            | 116         | V        |
| 3      | * 2.4835        | 44.03                | RMS | 32.4             | -28.1        | 1.07      | 49.4                       | 54                     | -4.6        | -                   | -              | 154            | 116         | V        |
| 4      | * 2.483706      | 44.58                | RMS | 32.4             | -28.1        | 1.07      | 49.95                      | 54                     | -4.05       | -                   | -              | 154            | 116         | V        |

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

Pk - Peak detector

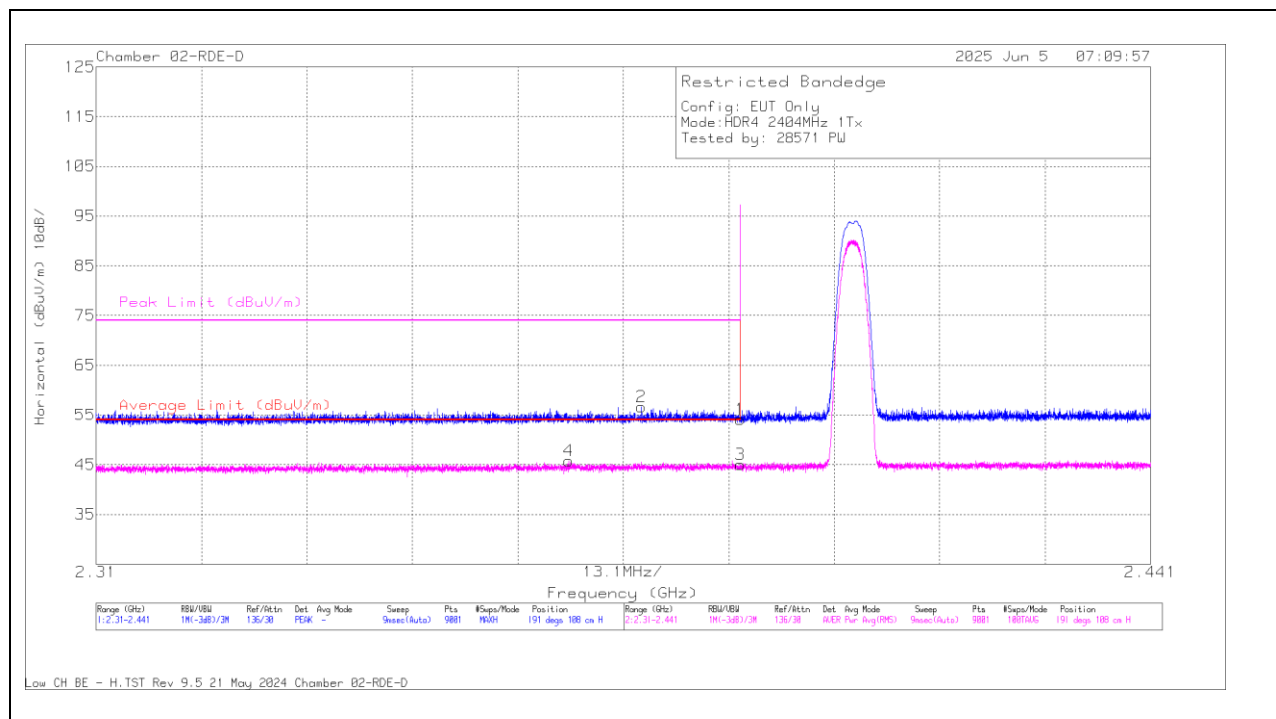
RMS - RMS detection

## 10.2.5. LOW POWER HDR (HDR4)

### ANT 2

### BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT



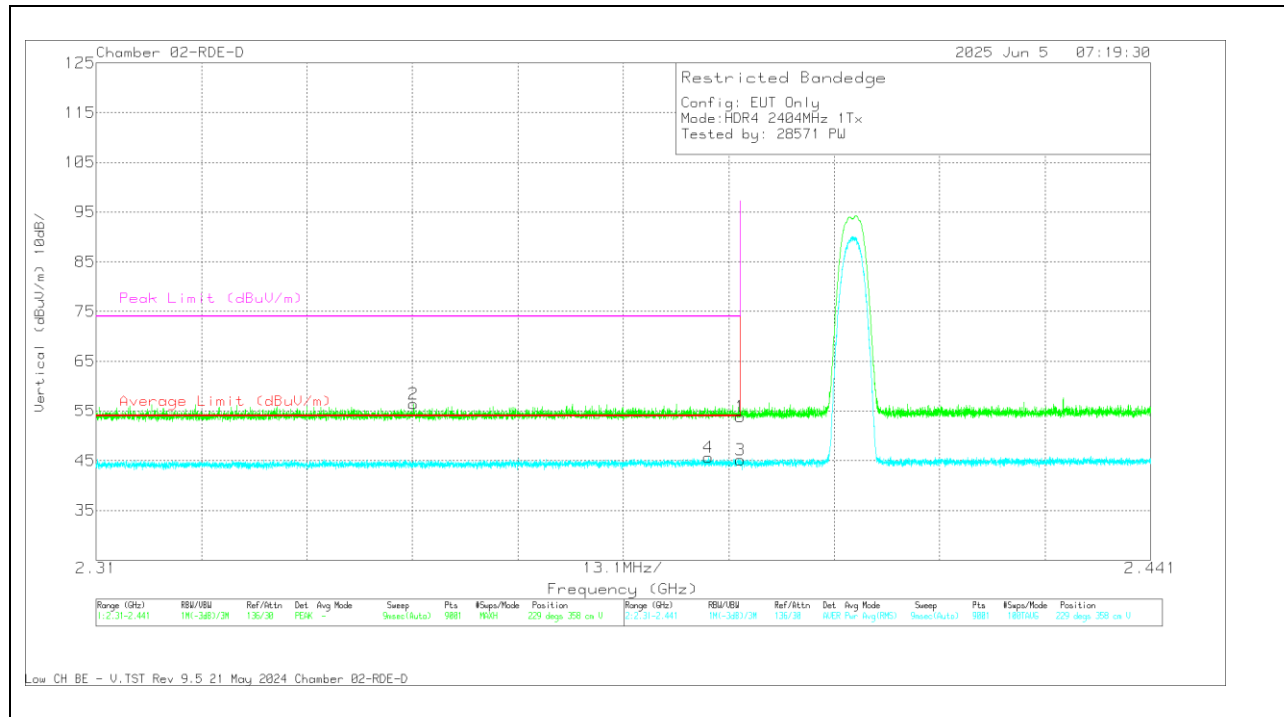
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.39          | 60.52                | Pk  | 32.2              | -38.6            | 0         | 54.12                      | -                      | -           | 74                  | -19.88      | 191            | 108         | H        |
| 2      | * 2.377744      | 63.01                | Pk  | 32.1              | -38.5            | 0         | 56.61                      | -                      | -           | 74                  | -17.39      | 191            | 108         | H        |
| 3      | * 2.39          | 50.31                | RMS | 32.2              | -38.6            | 1.08      | 44.99                      | 54                     | -9.01       | -                   | -           | 191            | 108         | H        |
| 4      | * 2.368719      | 51.12                | RMS | 32.1              | -38.5            | 1.08      | 45.8                       | 54                     | -8.2        | -                   | -           | 191            | 108         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

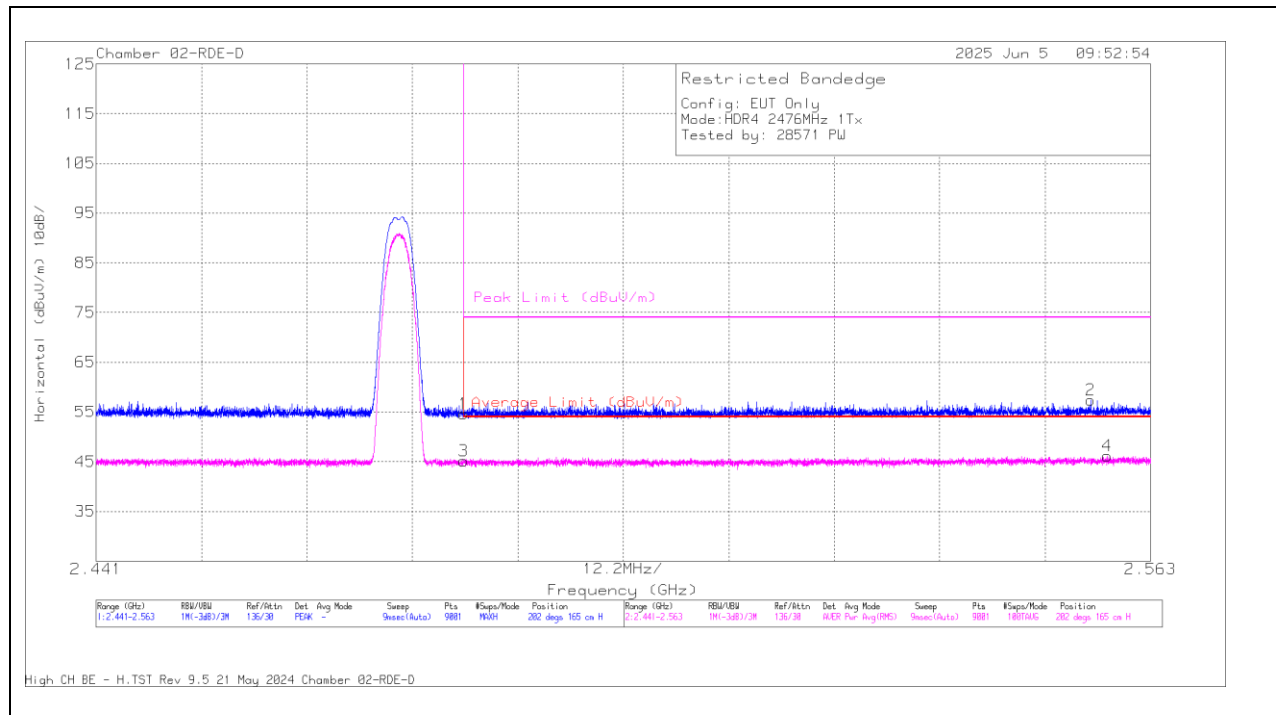


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degr) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.39          | 60.25                | Pk  | 32.2              | -38.6            | 0         | 53.85                      | -                      | -           | 74                  | -20.15      | 229            | 358         | V        |
| 2      | * 2.349418      | 62.94                | Pk  | 32                | -38.5            | 0         | 56.44                      | -                      | -           | 74                  | -17.56      | 229            | 358         | V        |
| 3      | * 2.39          | 50.52                | RMS | 32.2              | -38.6            | 1.08      | 45.2                       | 54                     | -8.8        | -                   | -           | 229            | 358         | V        |
| 4      | * 2.386041      | 50.87                | RMS | 32.2              | -38.5            | 1.08      | 45.65                      | 54                     | -8.35       | -                   | -           | 229            | 358         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

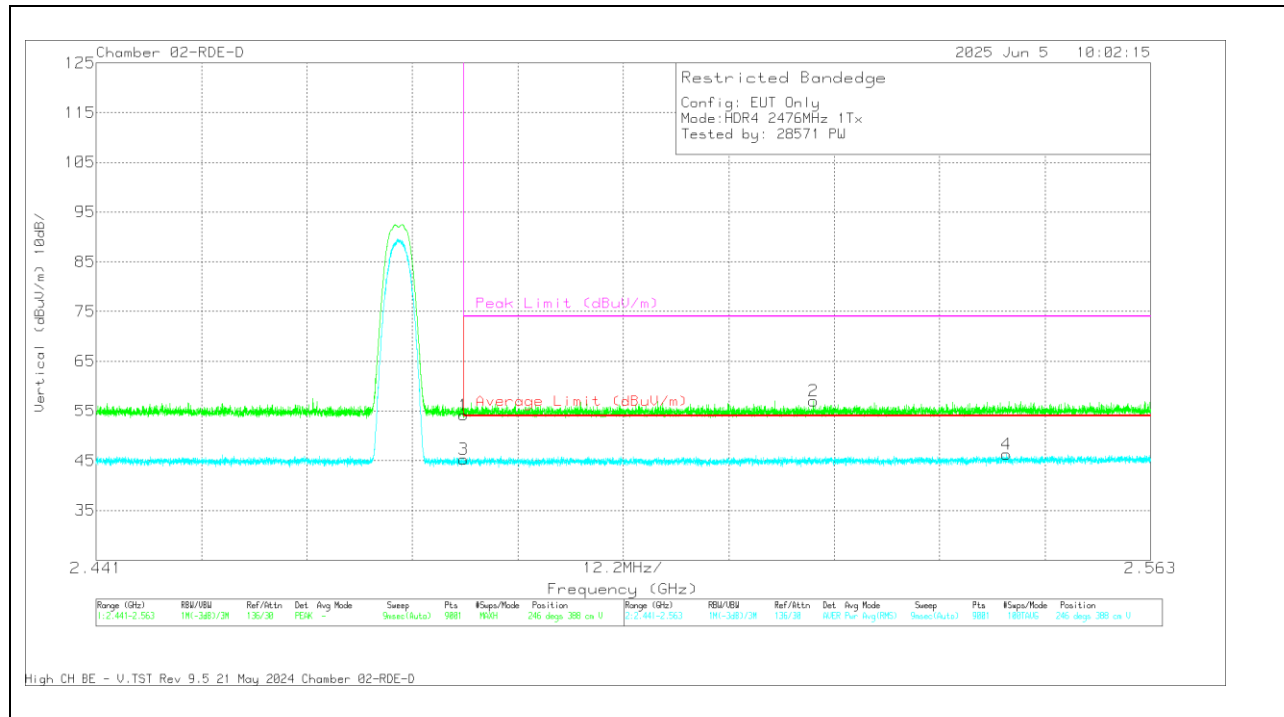
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.4835        | 60.72                | Pk  | 32.2              | -38.3            | 0         | 54.62                      | -                      | -           | 74                  | -19.38      | 202            | 165         | H        |
| 2      | 2.556077        | 62.98                | Pk  | 32.4              | -38              | 0         | 57.38                      | -                      | -           | 74                  | -16.62      | 202            | 165         | H        |
| 3      | * 2.4835        | 50.21                | RMS | 32.2              | -38.3            | 1.08      | 45.19                      | 54                     | -8.81       | -                   | -           | 202            | 165         | H        |
| 4      | 2.558029        | 50.73                | RMS | 32.4              | -38              | 1.08      | 46.21                      | 54                     | -7.79       | -                   | -           | 202            | 165         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

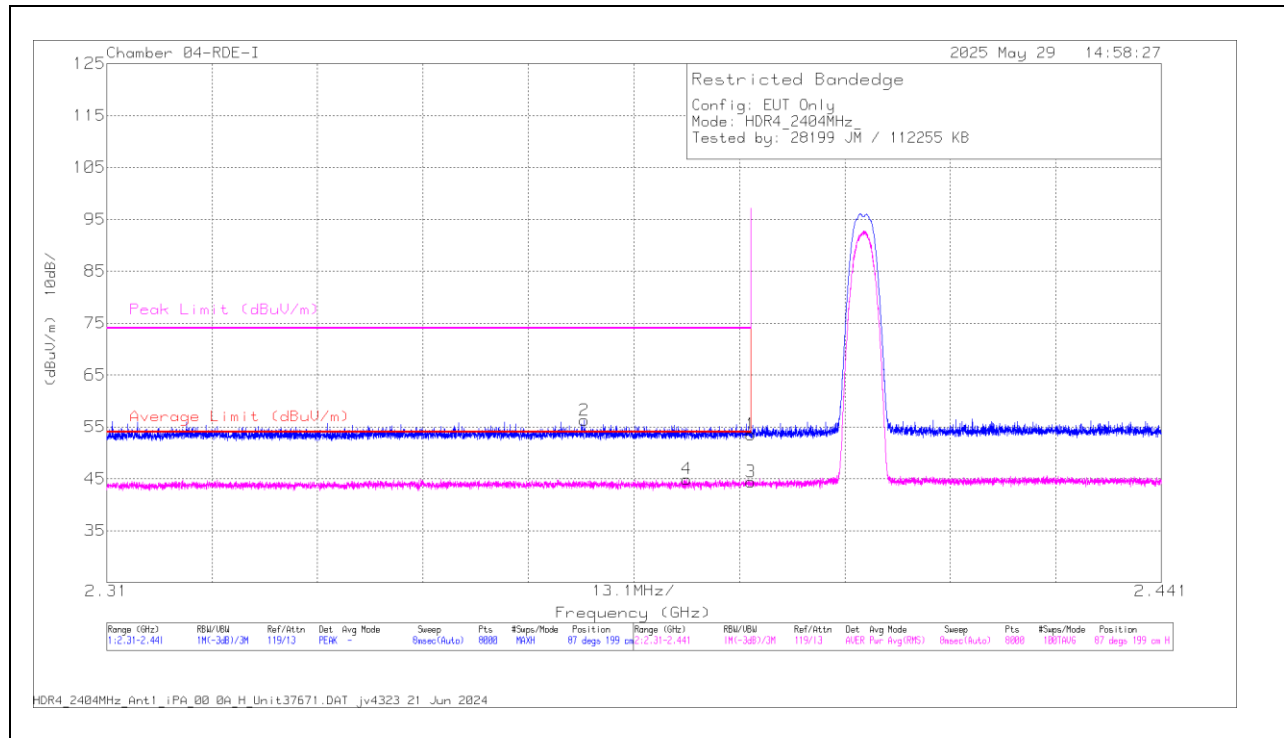


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.4835        | 60.27                | Pk  | 32.2              | -38.3            | 0         | 54.17                      | -                      | -           | 74                  | -19.83      | 246            | 388         | V        |
| 2      | 2.52399         | 62.97                | Pk  | 32.3              | -38.2            | 0         | 57.07                      | -                      | -           | 74                  | -16.93      | 246            | 388         | V        |
| 3      | * 2.4835        | 50.26                | RMS | 32.2              | -38.3            | 1.08      | 45.24                      | 54                     | -8.76       | -                   | -           | 246            | 388         | V        |
| 4      | 2.546357        | 50.77                | RMS | 32.4              | -38              | 1.08      | 46.25                      | 54                     | -7.75       | -                   | -           | 246            | 388         | V        |

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

Pk - Peak detector

RMS - RMS detection

**ANT 1****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

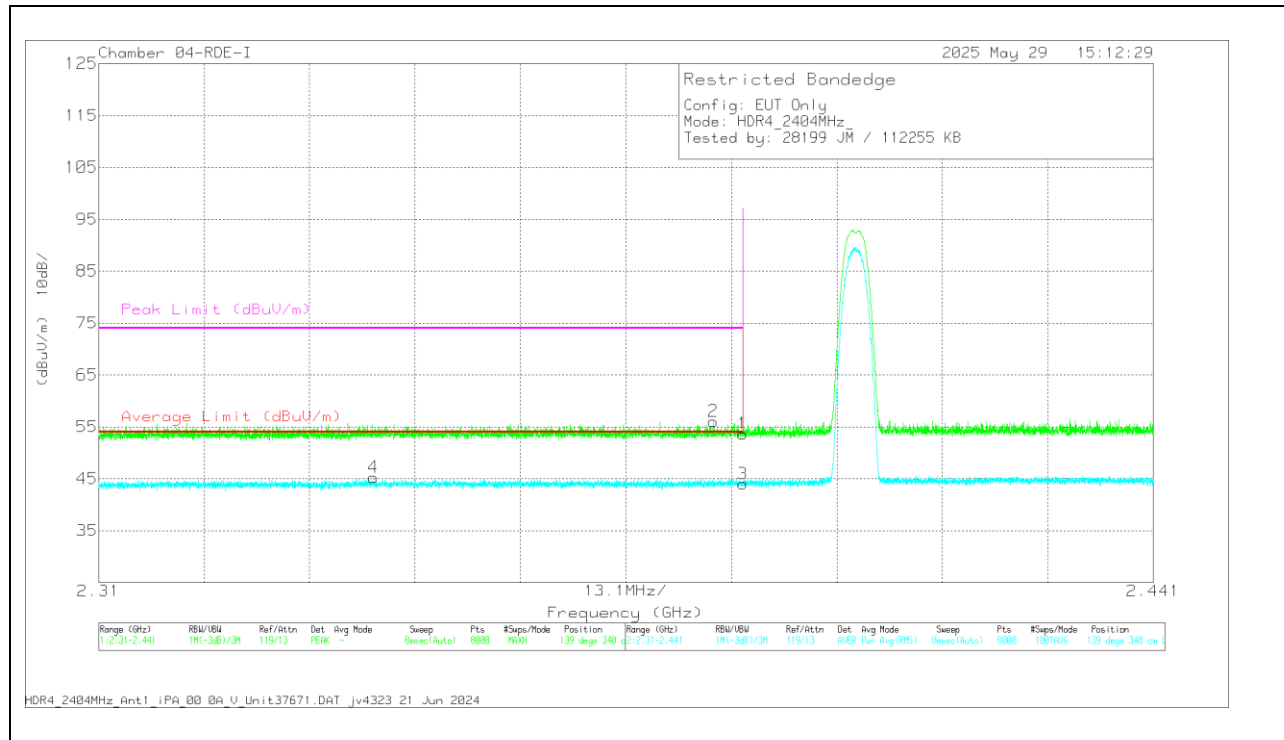
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.67                | Pk  | 31.8              | -19.9            | 0         | 53.57                      | -                      | -           | 74                  | -20.43         | 87             | 199         | H        |
| 2      | * 2.369317      | 44.27                | Pk  | 31.7              | -19.7            | 0         | 56.27                      | -                      | -           | 74                  | -17.73         | 87             | 199         | H        |
| 3      | * 2.39          | 31.42                | RMS | 31.8              | -19.9            | 1.08      | 44.4                       | 54                     | -9.6        | -                   | -              | 87             | 199         | H        |
| 4      | * 2.382075      | 31.97                | RMS | 31.7              | -19.8            | 1.08      | 44.95                      | 54                     | -9.05       | -                   | -              | 87             | 199         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

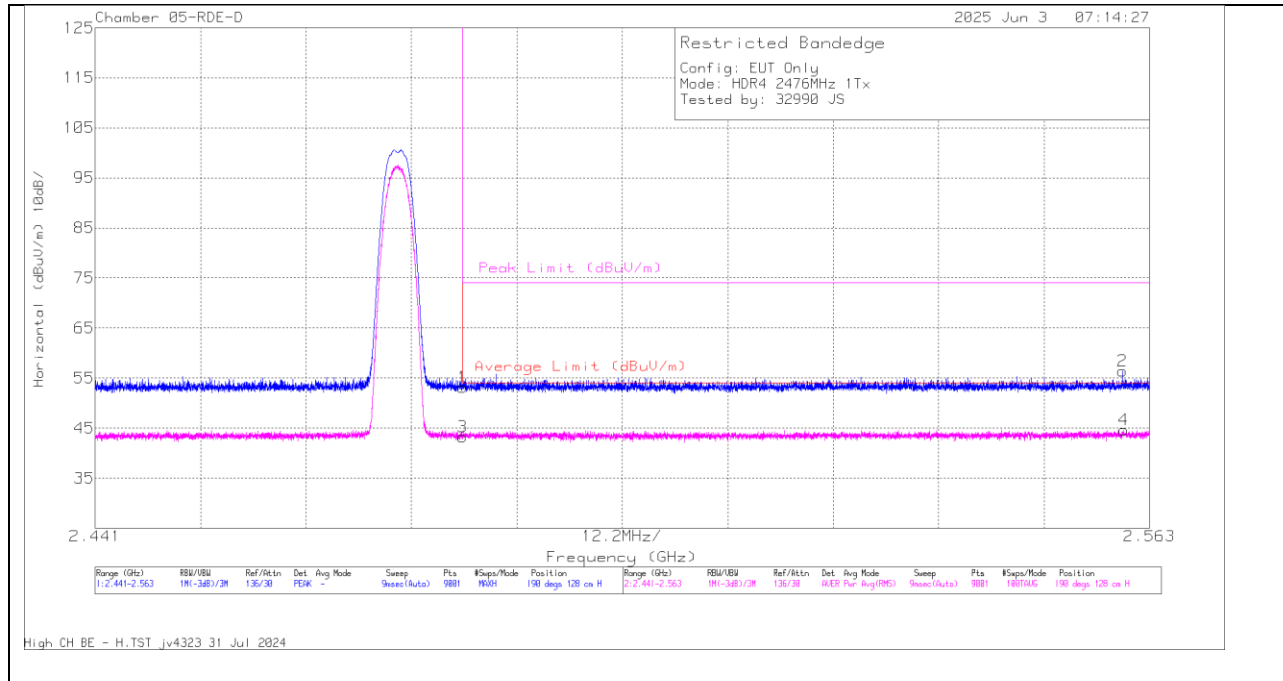


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.78                | Pk  | 31.8              | -19.9            | 0         | 53.68                      | -                      | -           | 74                  | -20.32         | 139            | 340         | V        |
| 2      | * 2.386366      | 44.06                | Pk  | 31.8              | -19.8            | 0         | 56.06                      | -                      | -           | 74                  | -17.94         | 139            | 340         | V        |
| 3      | * 2.39          | 31.05                | RMS | 31.8              | -19.9            | 1.08      | 44.03                      | 54                     | -9.97       | -                   | -              | 139            | 340         | V        |
| 4      | * 2.34413       | 32.08                | RMS | 31.7              | -19.6            | 1.08      | 45.26                      | 54                     | -8.74       | -                   | -              | 139            | 340         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

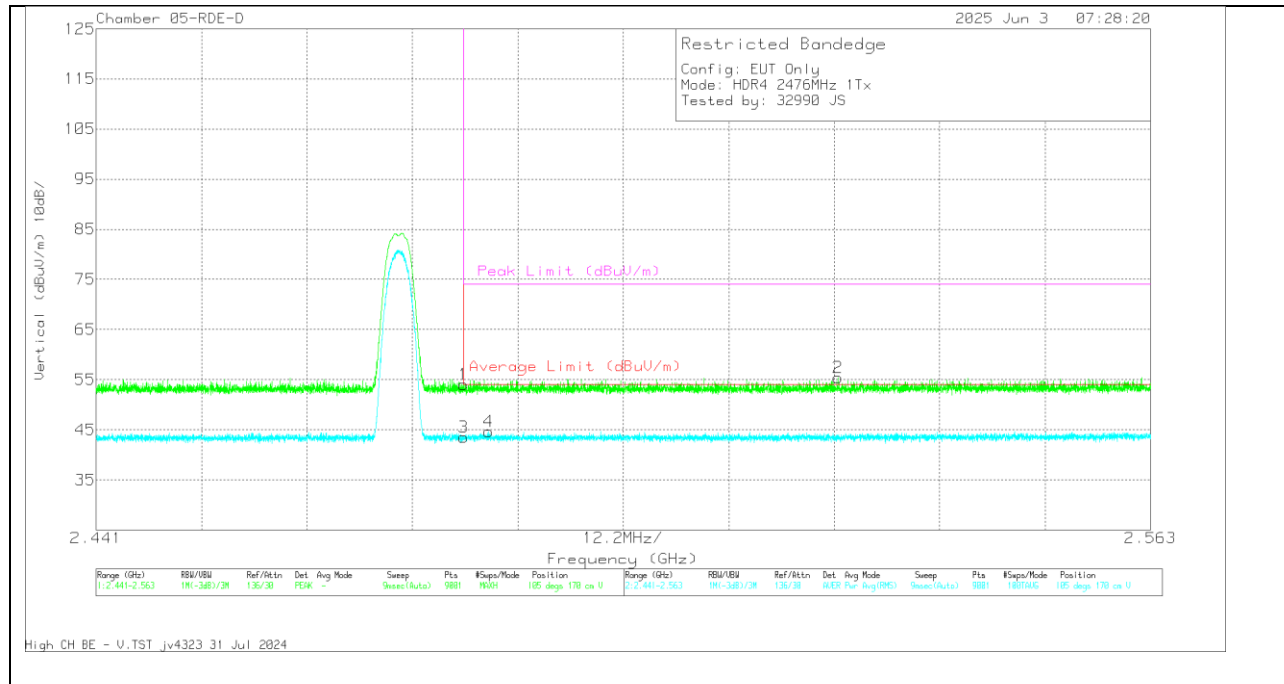
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 61.42                | Pk  | 32.4             | 0         | -40.71         | 53.11                      | -                      | -           | 74                  | -20.89      | 190            | 128         | H        |
| 3      | *2.4835         | 50.51                | RMS | 32.4             | 1.08      | -40.71         | 43.28                      | 54                     | -10.72      | -                   | -           | 190            | 128         | H        |
| 2      | *2.559886       | 64.34                | Pk  | 32.5             | 0         | -40.44         | 56.4                       | -                      | -           | 74                  | -17.6       | 190            | 128         | H        |
| 4      | *2.560035       | 51.49                | RMS | 32.5             | 1.08      | -40.44         | 44.63                      | 54                     | -9.37       | -                   | -           | 190            | 128         | 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 | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 62.37                | Pk  | 32.4             | 0         | -40.71         | 54.06                      | -                      | -           | 74                  | -19.94      | 105            | 170         | V        |
| 3      | *2.4835         | 50.78                | RMS | 32.4             | 1.08      | -40.71         | 43.55                      | 54                     | -10.45      | -                   | -           | 105            | 170         | V        |
| 4      | *2.48644        | 51.85                | RMS | 32.4             | 1.08      | -40.65         | 44.68                      | 54                     | -9.32       | -                   | -           | 105            | 170         | V        |
| 2      | *2.52685        | 63.5                 | Pk  | 32.5             | 0         | -40.6          | 55.4                       | -                      | -           | 74                  | -18.6       | 105            | 170         | V        |

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

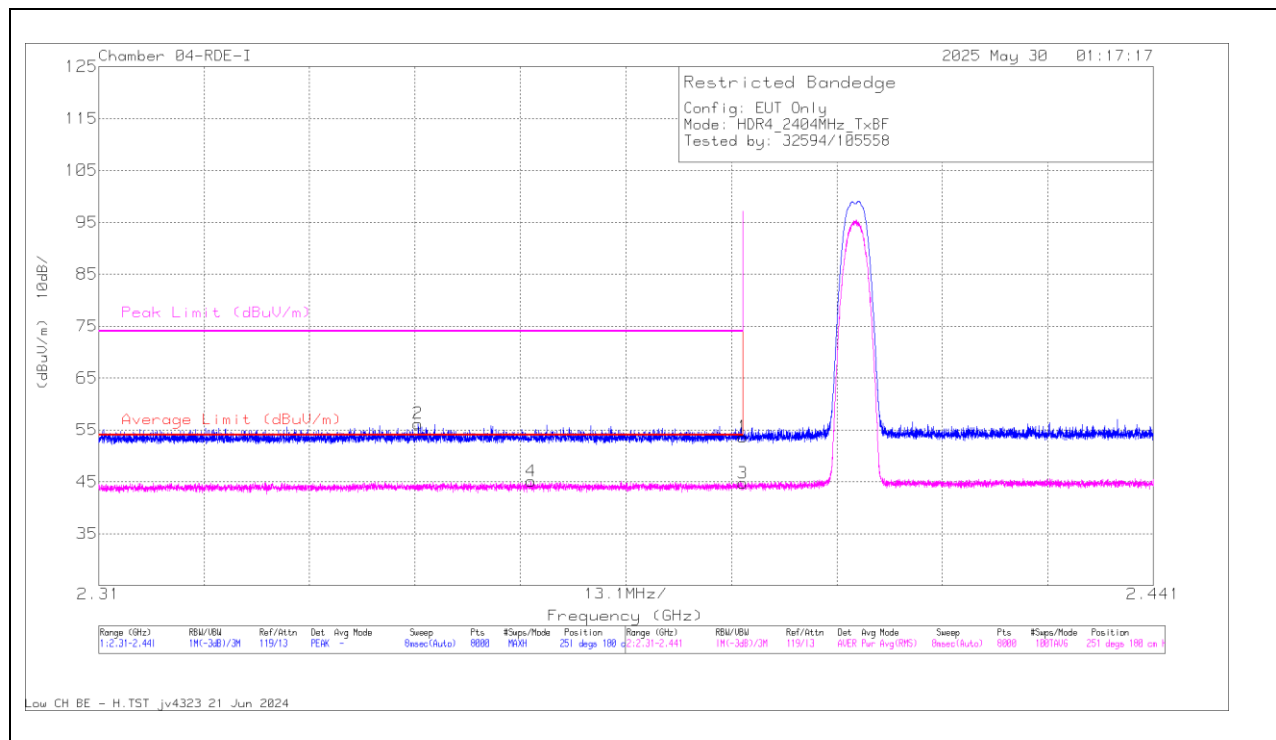
Pk - Peak detector

RMS - RMS detection

## 10.2.6. LOW POWER HDR TXBF (HDR4)

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



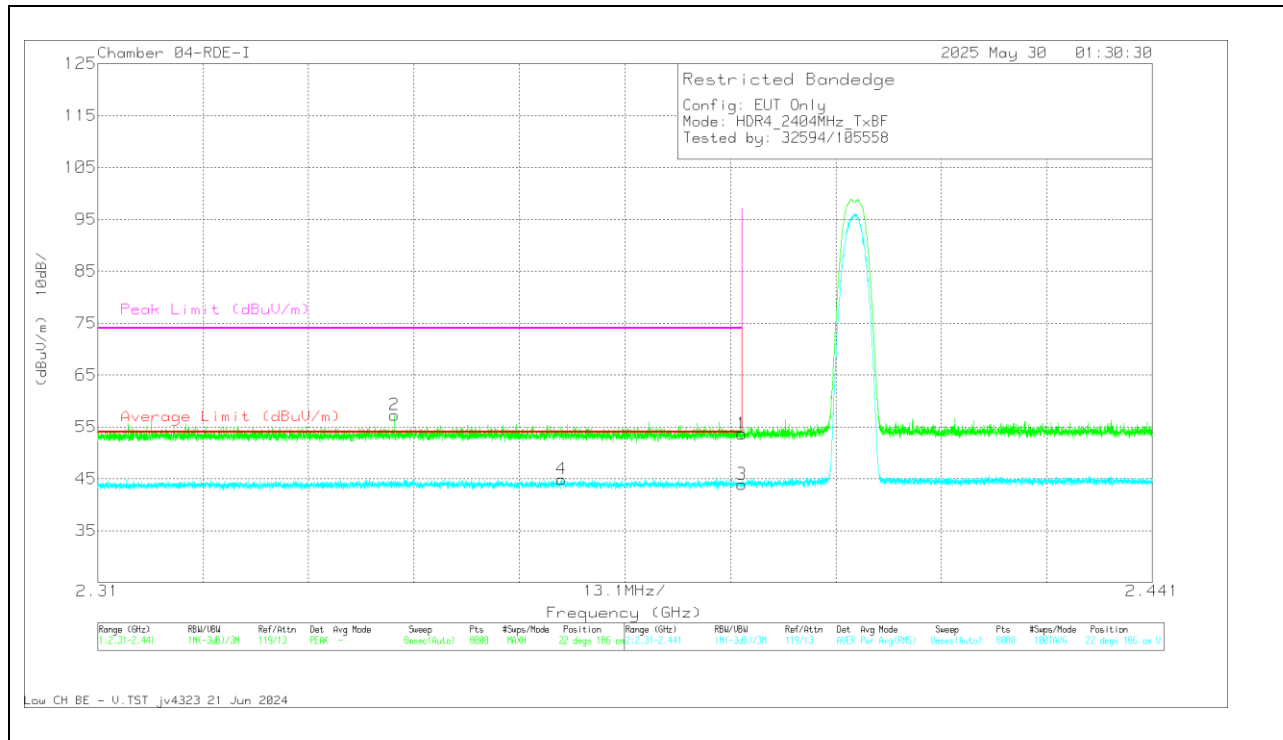
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.76                | Pk  | 31.8              | -19.9            | 0         | 53.66                      | -                      | -           | 74                  | -20.34         | 251            | 180         | H        |
| 2      | * 2.349698      | 44.21                | Pk  | 31.7              | -19.7            | 0         | 56.21                      | -                      | -           | 74                  | -17.79         | 251            | 180         | H        |
| 3      | * 2.39          | 31.77                | RMS | 31.8              | -19.9            | 1.08      | 44.75                      | 54                     | -9.25       | -                   | -              | 251            | 180         | H        |
| 4      | * 2.363717      | 32.04                | RMS | 31.7              | -19.7            | 1.08      | 45.12                      | 54                     | -8.88       | -                   | -              | 251            | 180         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

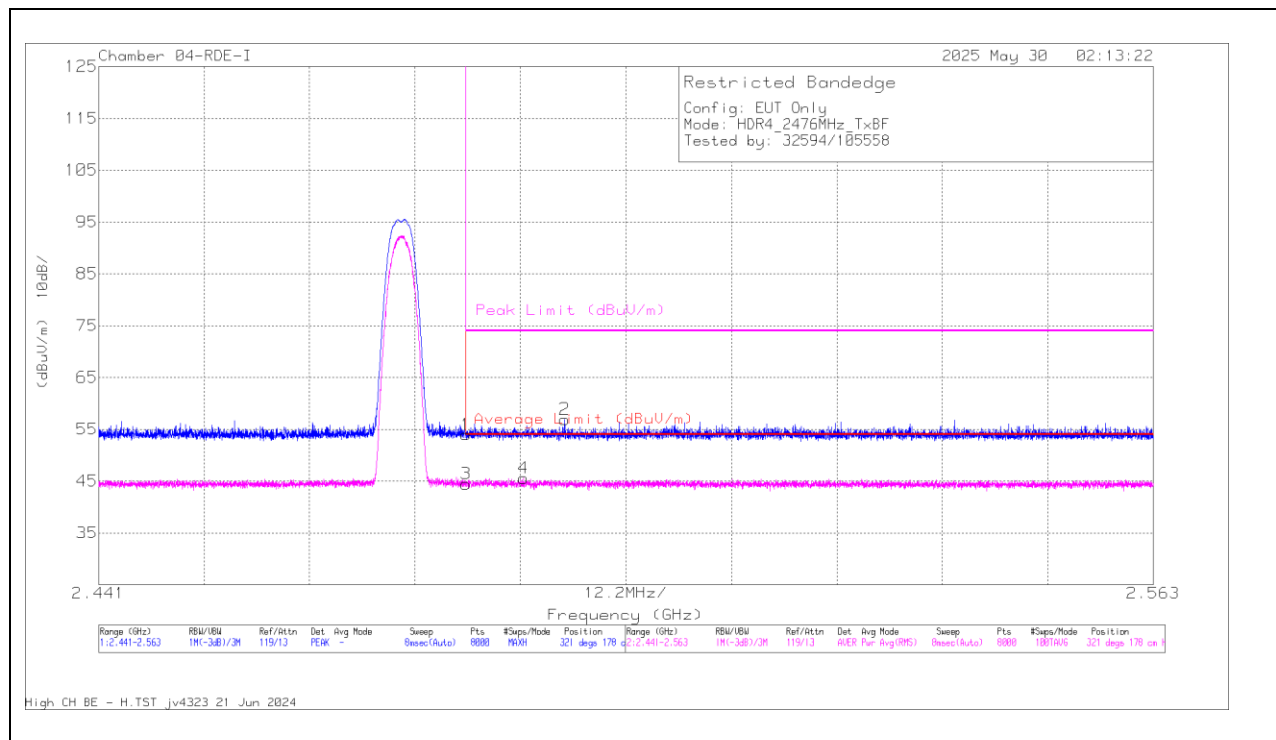


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.79                | Pk  | 31.8              | -19.9            | 0         | 53.69                      | -                      | -           | 74                  | -20.31         | 22             | 186         | V        |
| 2      | * 2.346881      | 45.3                 | Pk  | 31.7              | -19.7            | 0         | 57.3                       | -                      | -           | 74                  | -16.7          | 22             | 186         | V        |
| 3      | * 2.39          | 30.94                | RMS | 31.8              | -19.9            | 1.08      | 43.92                      | 54                     | -10.08      | -                   | -              | 22             | 186         | V        |
| 4      | * 2.367614      | 31.86                | RMS | 31.7              | -19.7            | 1.08      | 44.94                      | 54                     | -9.06       | -                   | -              | 22             | 186         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

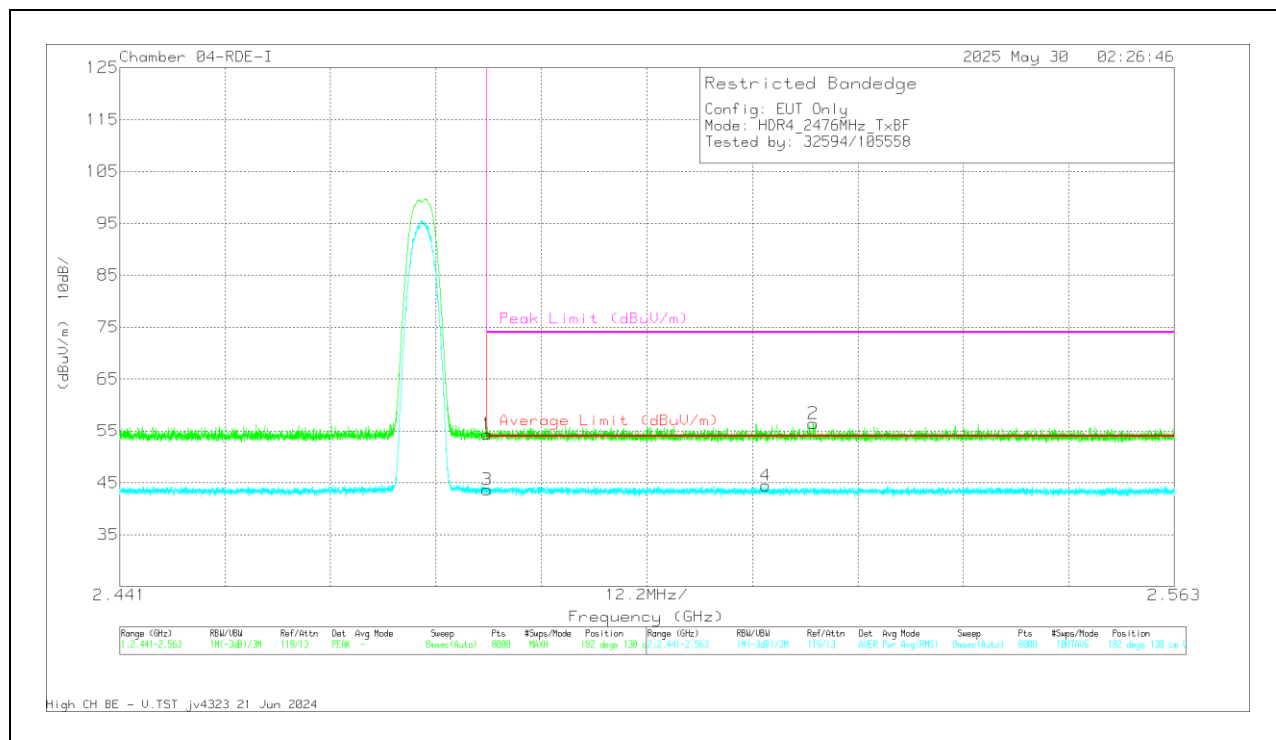
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 41.96                | Pk  | 32.3              | -20.3            | 0         | 53.96                      | -                      | -           | 74                  | -20.04         | 321            | 178         | H        |
| 2      | * 2.494916      | 44.89                | Pk  | 32.3              | -20.3            | 0         | 56.89                      | -                      | -           | 74                  | -17.11         | 321            | 178         | H        |
| 3      | * 2.4835        | 31.4                 | RMS | 32.3              | -20.3            | 1.08      | 44.48                      | 54                     | -9.52       | -                   | -              | 321            | 178         | H        |
| 4      | * 2.490157      | 32.5                 | RMS | 32.3              | -20.3            | 1.08      | 45.58                      | 54                     | -8.42       | -                   | -              | 321            | 178         | 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 | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 42.34                | Pk  | 32.3              | -20.3            | 0         | 54.34                      | -                      | -           | 74                  | -19.66         | 182            | 130         | V        |
| 2      | 2.521226        | 44.43                | Pk  | 32.4              | -20.4            | 0         | 56.43                      | -                      | -           | 74                  | -17.57         | 182            | 130         | V        |
| 3      | * 2.4835        | 30.61                | RMS | 32.3              | -20.3            | 1.08      | 43.69                      | 54                     | -10.31      | -                   | -              | 182            | 130         | V        |
| 4      | 2.515765        | 31.42                | RMS | 32.4              | -20.4            | 1.08      | 44.5                       | 54                     | -9.5        | -                   | -              | 182            | 130         | V        |

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

Pk - Peak detector

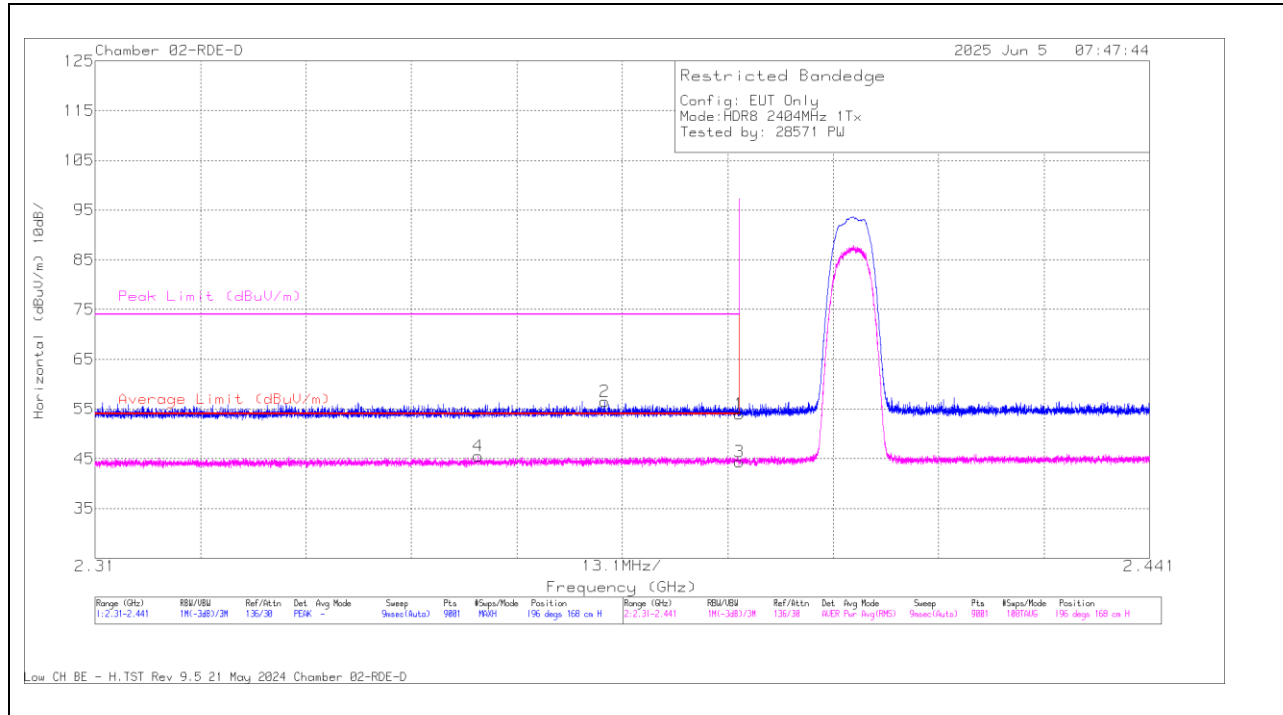
RMS - RMS detection

## 10.2.7. LOW POWER HDR (HDR8)

### ANT 2

### BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT



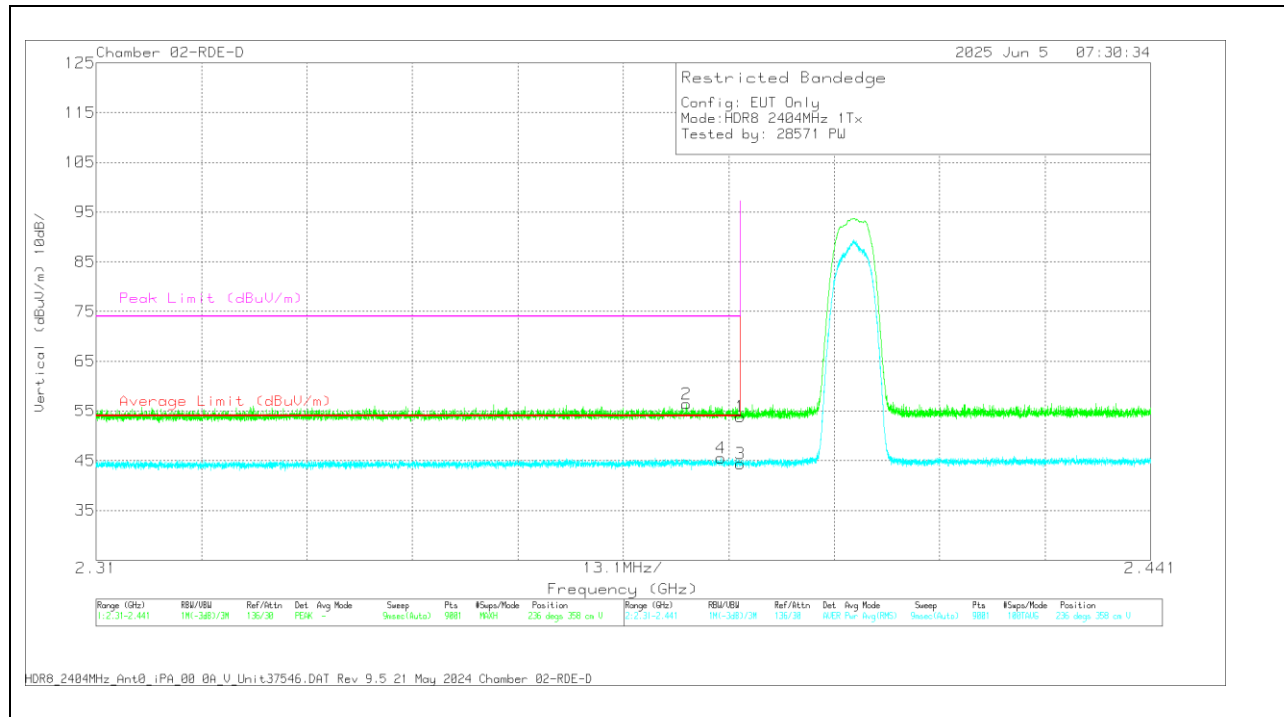
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.39          | 60.39                | Pk  | 32.2              | -38.6            | 0         | 53.99                      | -                      | -           | 74                  | -20.01      | 196            | 168         | H        |
| 2      | * 2.373275      | 62.87                | Pk  | 32.1              | -38.5            | 0         | 56.47                      | -                      | -           | 74                  | -17.53      | 196            | 168         | H        |
| 3      | * 2.39          | 49.74                | RMS | 32.2              | -38.6            | 1.07      | 44.41                      | 54                     | -9.59       | -                   | -           | 196            | 168         | H        |
| 4      | * 2.357598      | 50.95                | RMS | 32.1              | -38.6            | 1.07      | 45.52                      | 54                     | -8.48       | -                   | -           | 196            | 168         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

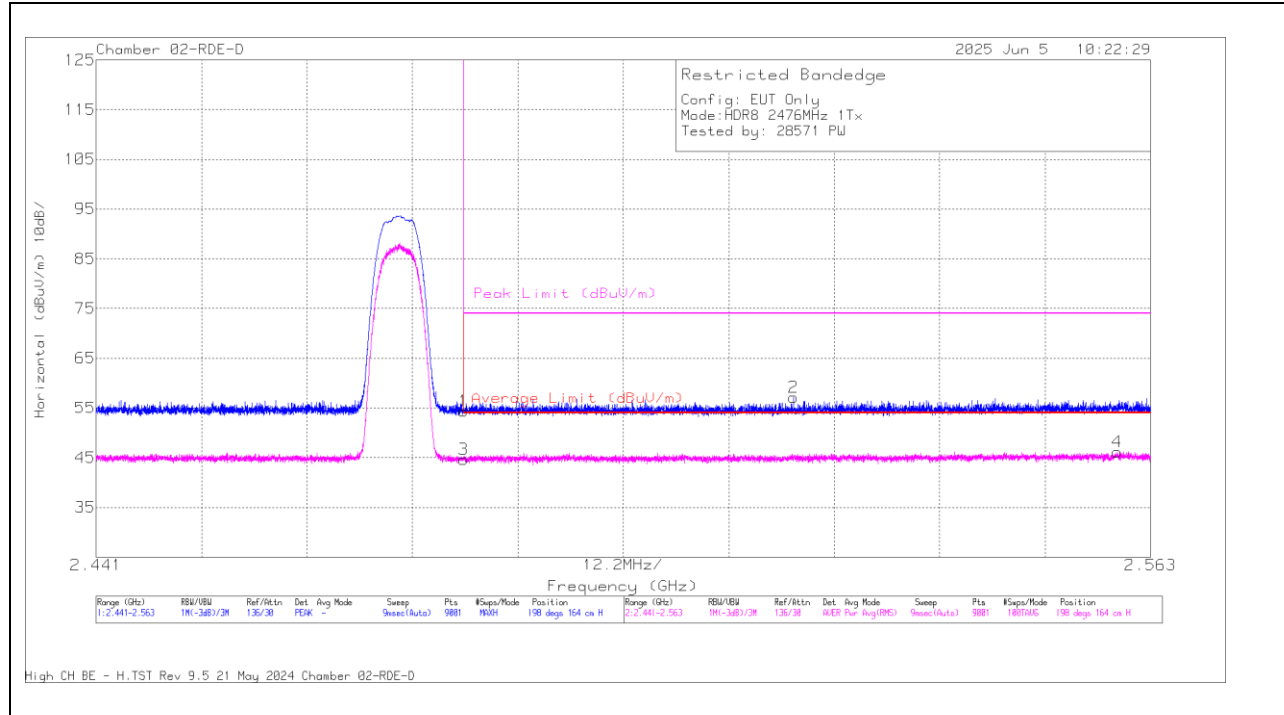


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.39          | 60.3                 | Pk  | 32.2              | -38.6            | 0         | 53.9                       | -                      | -           | 74                  | -20.1       | 236            | 358         | V        |
| 2      | * 2.383333      | 62.84                | Pk  | 32.2              | -38.6            | 0         | 56.44                      | -                      | -           | 74                  | -17.56      | 236            | 358         | V        |
| 3      | * 2.39          | 49.71                | RMS | 32.2              | -38.6            | 1.07      | 44.38                      | 54                     | -9.62       | -                   | -           | 236            | 358         | V        |
| 4      | * 2.387627      | 50.72                | RMS | 32.2              | -38.5            | 1.07      | 45.49                      | 54                     | -8.51       | -                   | -           | 236            | 358         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

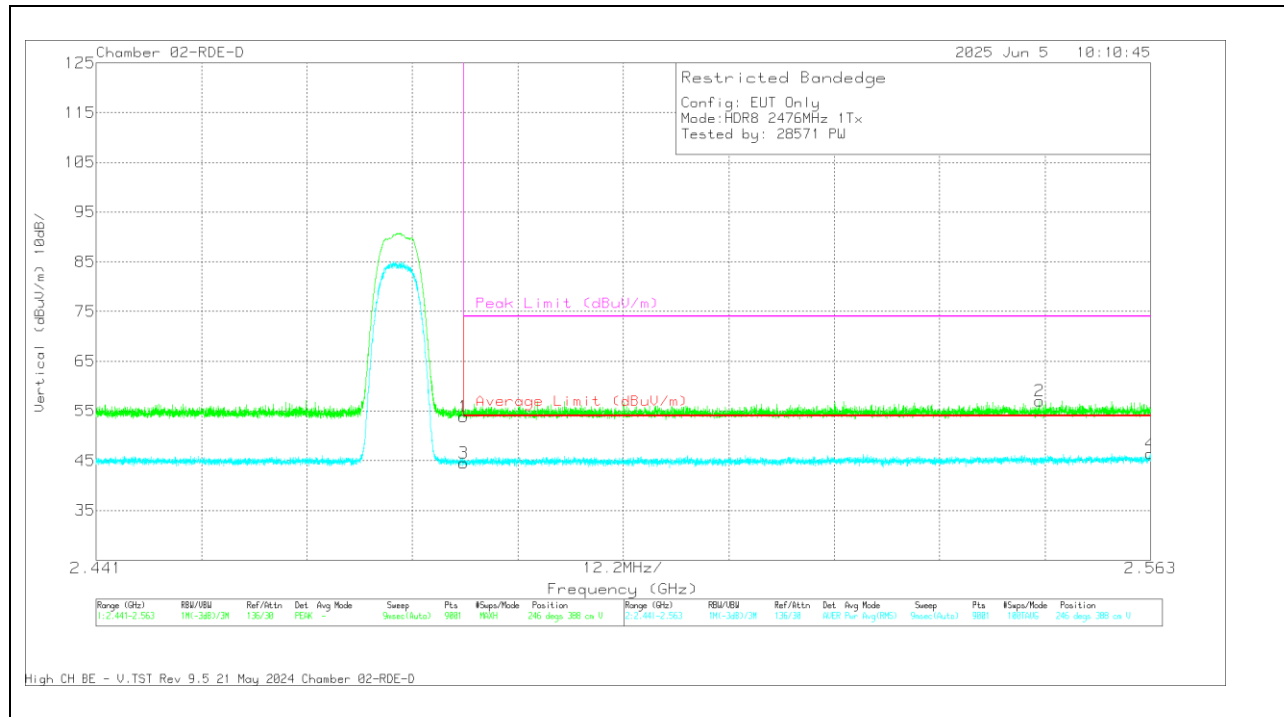
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.4835        | 60.47                | Pk  | 32.2              | -38.3            | 0         | 54.37                      | -                      | -           | 74                  | -19.63      | 198            | 164         | H        |
| 2      | 2.521685        | 63.05                | Pk  | 32.3              | -38.2            | 0         | 57.15                      | -                      | -           | 74                  | -16.85      | 198            | 164         | H        |
| 3      | * 2.4835        | 49.64                | RMS | 32.2              | -38.3            | 1.07      | 44.61                      | 54                     | -9.39       | -                   | -           | 198            | 164         | H        |
| 4      | 2.559181        | 50.73                | RMS | 32.4              | -38              | 1.07      | 46.2                       | 54                     | -7.8        | -                   | -           | 198            | 164         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

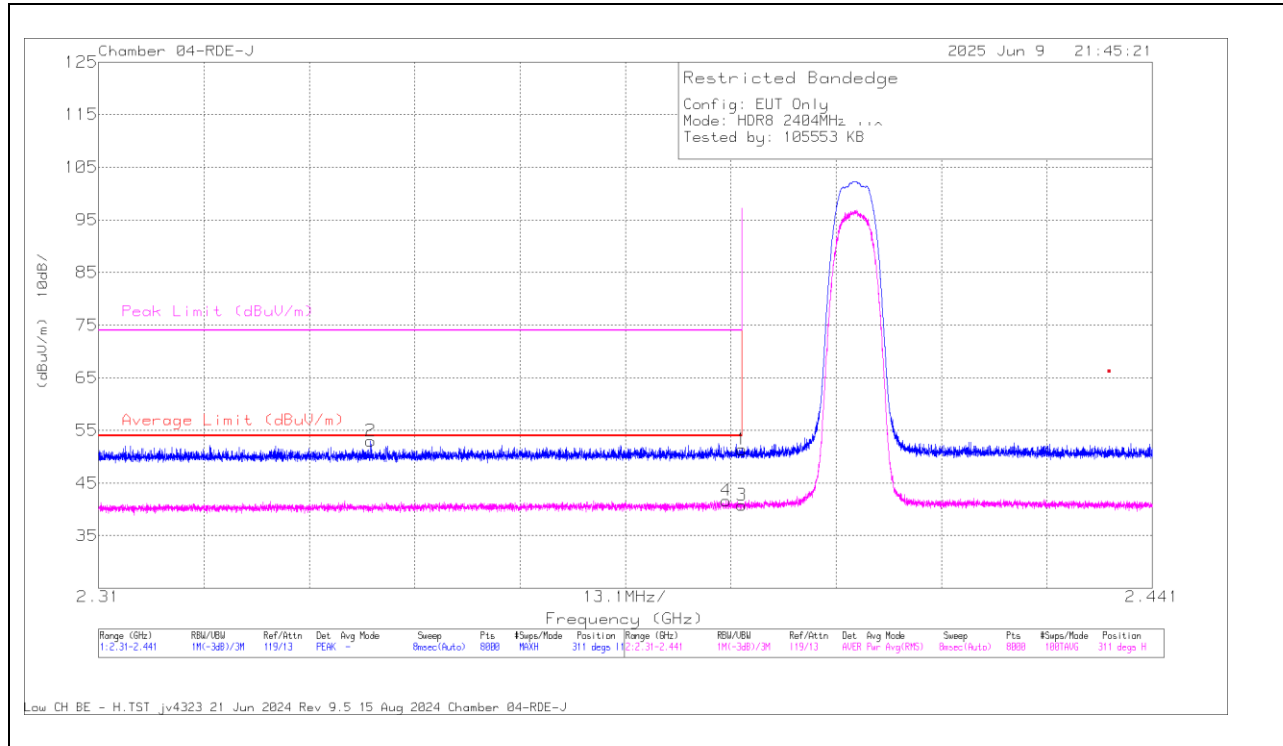


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226674 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 2.4835        | 59.97                | Pk  | 32.2              | -38.3            | 0         | 53.87                      | -                      | -           | 74                  | -20.13      | 246            | 388         | V        |
| 2      | 2.550139        | 62.84                | Pk  | 32.4              | -38.2            | 0         | 57.04                      | -                      | -           | 74                  | -16.96      | 246            | 388         | V        |
| 3      | * 2.4835        | 49.57                | RMS | 32.2              | -38.3            | 1.07      | 44.54                      | 54                     | -9.46       | -                   | -           | 246            | 388         | V        |
| 4      | 2.56299         | 50.92                | RMS | 32.4              | -38              | 1.07      | 46.39                      | 54                     | -7.61       | -                   | -           | 246            | 388         | V        |

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

Pk - Peak detector

RMS - RMS detection

**ANT 1****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

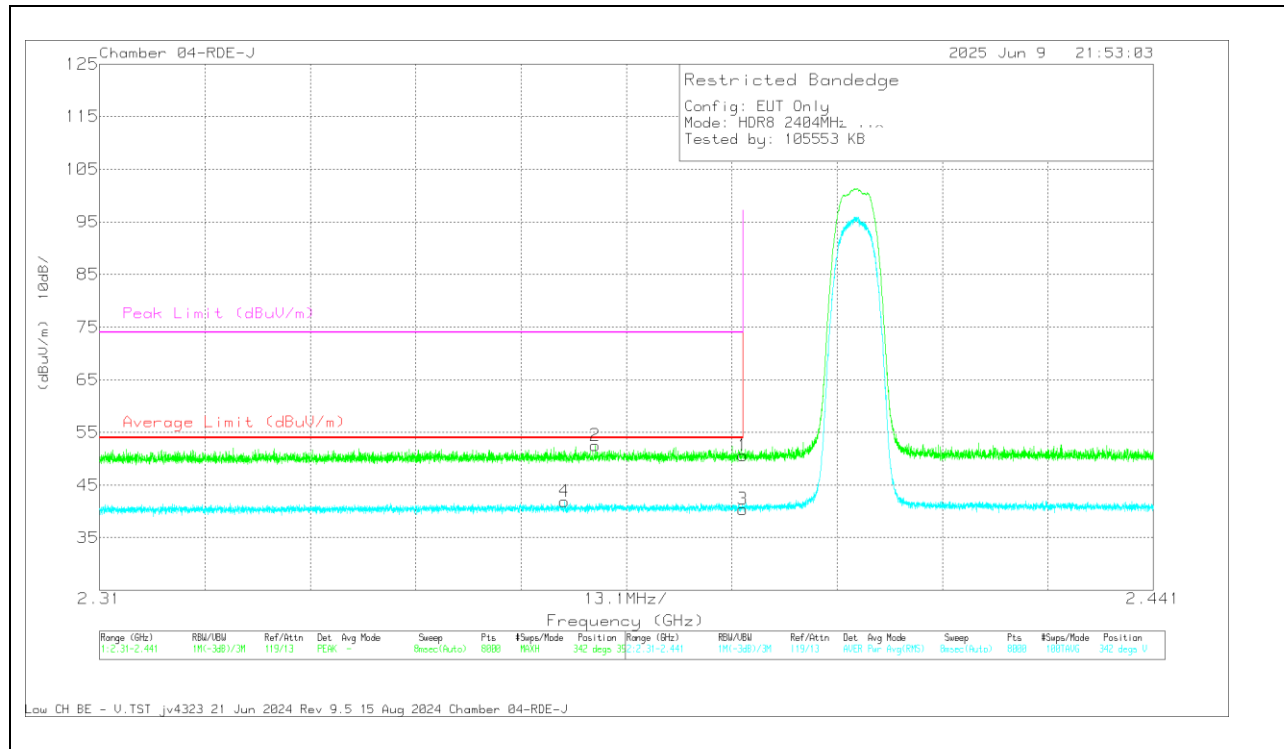
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 56.28                | PK  | 32.2             | -37.1            | 0         | 51.38                      | -                      | -           | 74                  | -22.62         | 311            | 111         | H        |
| 2      | * 2.343835      | 58.11                | PK  | 32               | -37.1            | 0         | 53.01                      | -                      | -           | 74                  | -20.99         | 311            | 111         | H        |
| 3      | * 2.39          | 44.61                | RMS | 32.2             | -37.1            | 1.07      | 40.78                      | 54                     | -13.22      | -                   | -              | 311            | 111         | H        |
| 4      | * 2.388036      | 45.49                | RMS | 32.2             | -37.1            | 1.07      | 41.66                      | 54                     | -12.34      | -                   | -              | 311            | 111         | H        |

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

PK - Peak detector

RMS - RMS detection

## VERTICAL RESULT

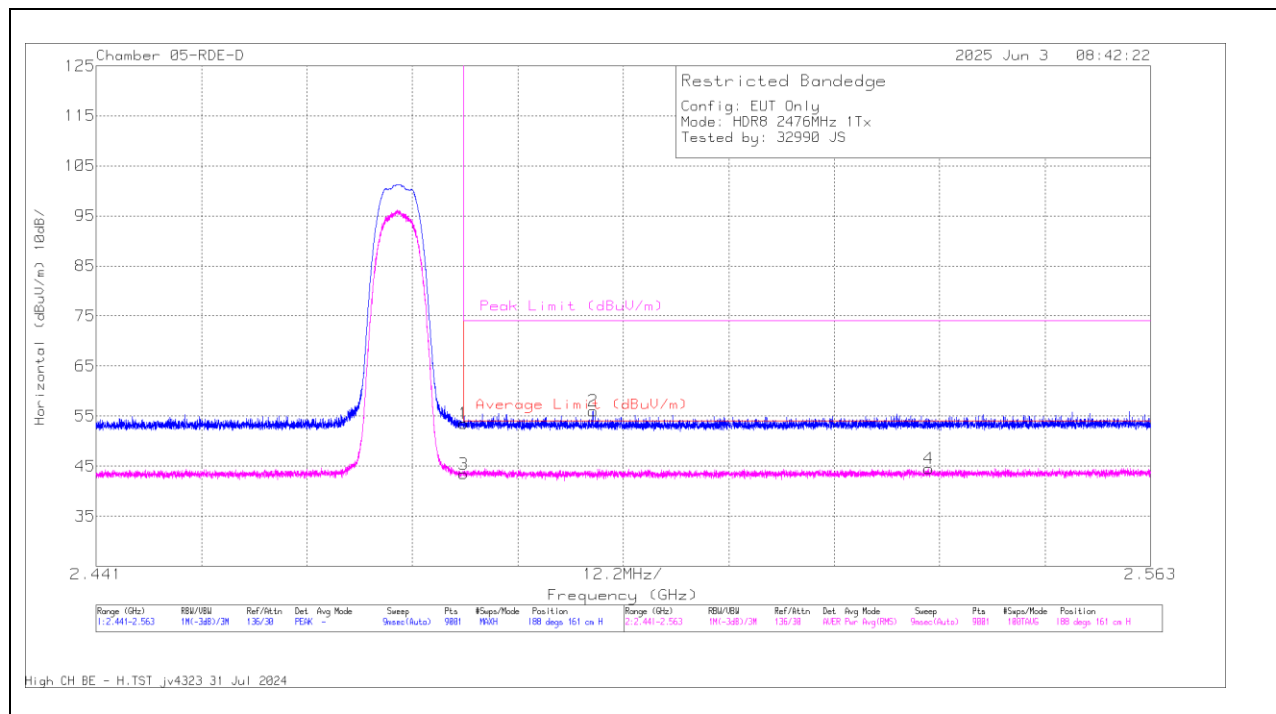


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 55.51                | Pk  | 32.2             | -37.1            | 0         | 50.61                      | -                      | -           | 74                  | -23.39         | 342            | 394         | V        |
| 2      | * 2.371627      | 57.43                | Pk  | 32.2             | -37.1            | 0         | 52.53                      | -                      | -           | 74                  | -21.47         | 342            | 394         | V        |
| 3      | * 2.39          | 44.21                | RMS | 32.2             | -37.1            | 1.07      | 40.38                      | 54                     | -13.62      | -                   | -              | 342            | 394         | V        |
| 4      | * 2.367811      | 45.81                | RMS | 32.1             | -37.1            | 1.07      | 41.88                      | 54                     | -12.12      | -                   | -              | 342            | 394         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

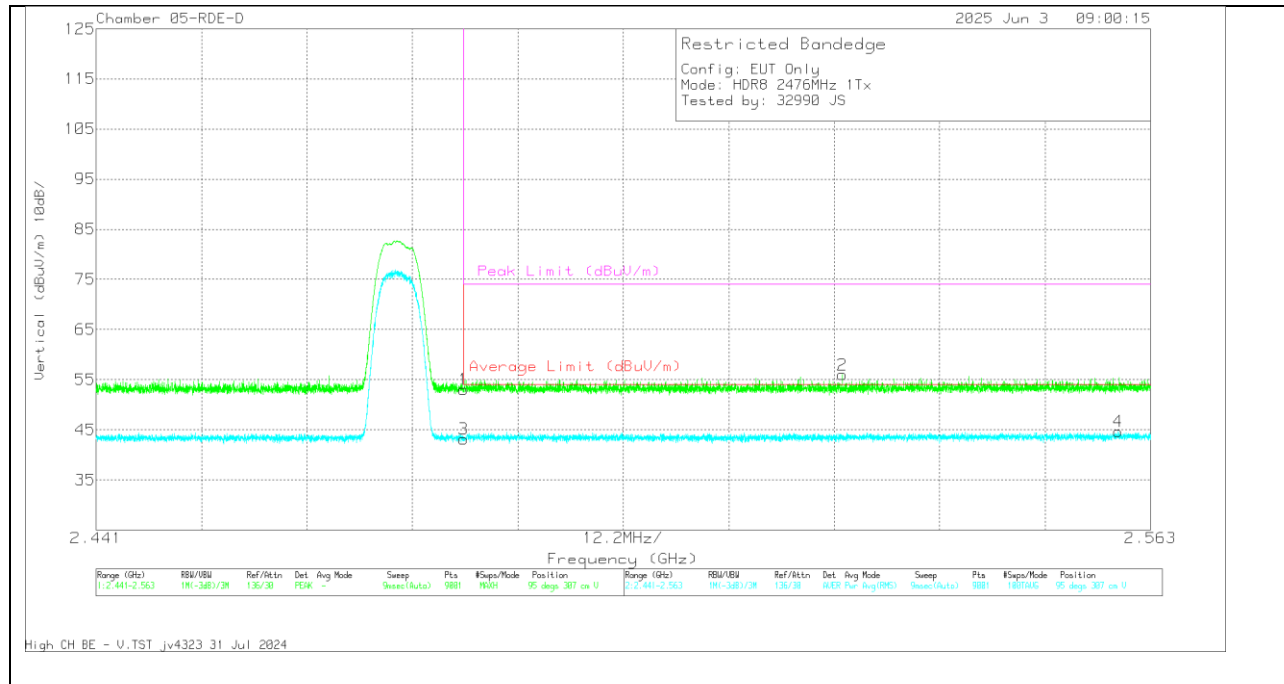
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 61.88                | Pk  | 32.4             | 0         | -40.71         | 53.57                      | -                      | -           | 74                  | -20.43      | 188            | 161         | H        |
| 3      | *2.4835         | 50.69                | RMS | 32.4             | 1.07      | -40.71         | 43.45                      | 54                     | -10.55      | -                   | -           | 188            | 161         | H        |
| 2      | *2.498477       | 64.25                | Pk  | 32.4             | 0         | -40.64         | 56.01                      | -                      | -           | 74                  | -17.99      | 188            | 161         | H        |
| 4      | *2.537342       | 51.55                | RMS | 32.5             | 1.07      | -40.56         | 44.56                      | 54                     | -9.44       | -                   | -           | 188            | 161         | 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 | 81887 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | *2.4835         | 61.32                | Pk  | 32.4             | 0         | -40.71         | 53.01                      | -                      | -           | 74                  | -20.99      | 95             | 307         | V        |
| 3      | *2.4835         | 50.43                | RMS | 32.4             | 1.07      | -40.71         | 43.19                      | 54                     | -10.81      | -                   | -           | 95             | 307         | V        |
| 2      | *2.527352       | 64.06                | Pk  | 32.5             | 0         | -40.59         | 55.97                      | -                      | -           | 74                  | -18.03      | 95             | 307         | V        |
| 4      | *2.559263       | 51.54                | RMS | 32.5             | 1.07      | -40.47         | 44.64                      | 54                     | -9.36       | -                   | -           | 95             | 307         | V        |

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

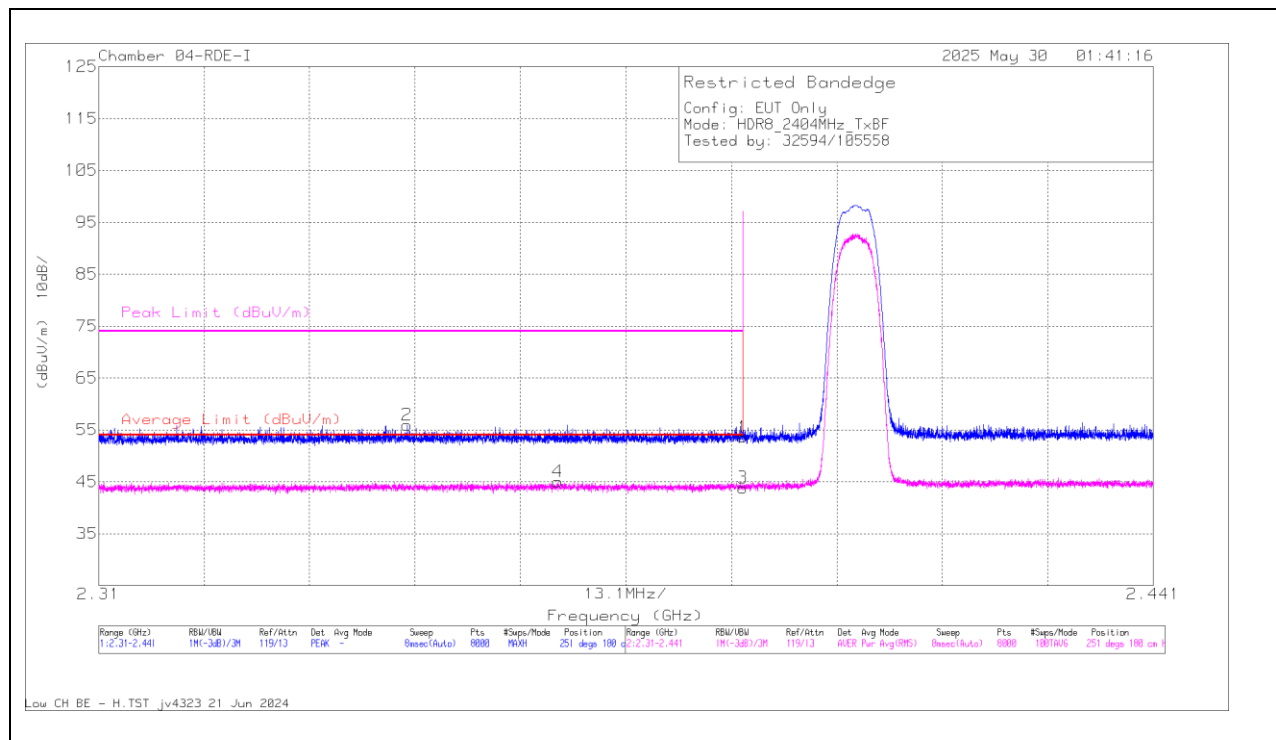
Pk - Peak detector

RMS - RMS detection

## 10.2.8. LOW POWER HDR TXBF (HDR8)

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



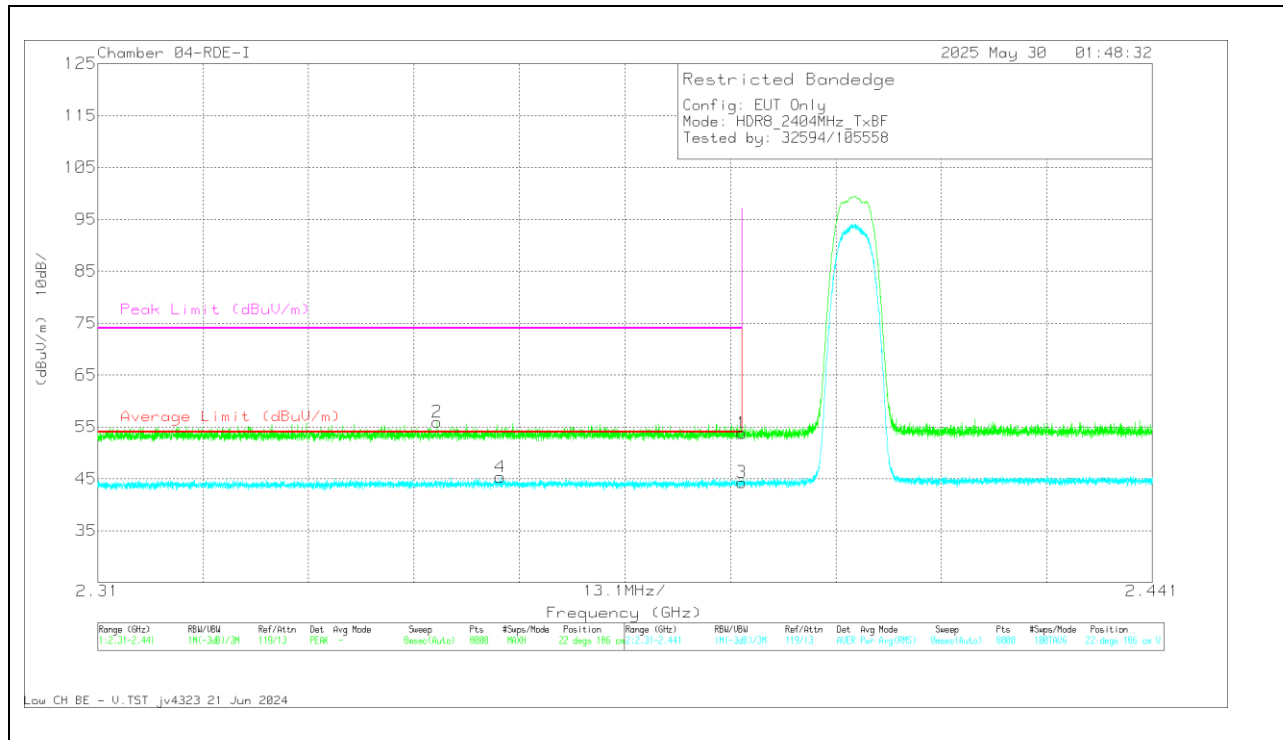
| Marker | Frequency (GHz) | Meter cReading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|-----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.7                  | Pk  | 31.8              | -19.9            | 0         | 53.6                       | -                      | -           | 74                  | -20.4          | 251            | 180         | H        |
| 2      | * 2.348306      | 43.94                 | Pk  | 31.7              | -19.7            | 0         | 55.94                      | -                      | -           | 74                  | -18.06         | 251            | 180         | H        |
| 3      | * 2.39          | 30.86                 | RMS | 31.8              | -19.9            | 1.07      | 43.83                      | 54                     | -10.17      | -                   | -              | 251            | 180         | H        |
| 4      | * 2.367041      | 31.96                 | RMS | 31.7              | -19.7            | 1.07      | 45.03                      | 54                     | -8.97       | -                   | -              | 251            | 180         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

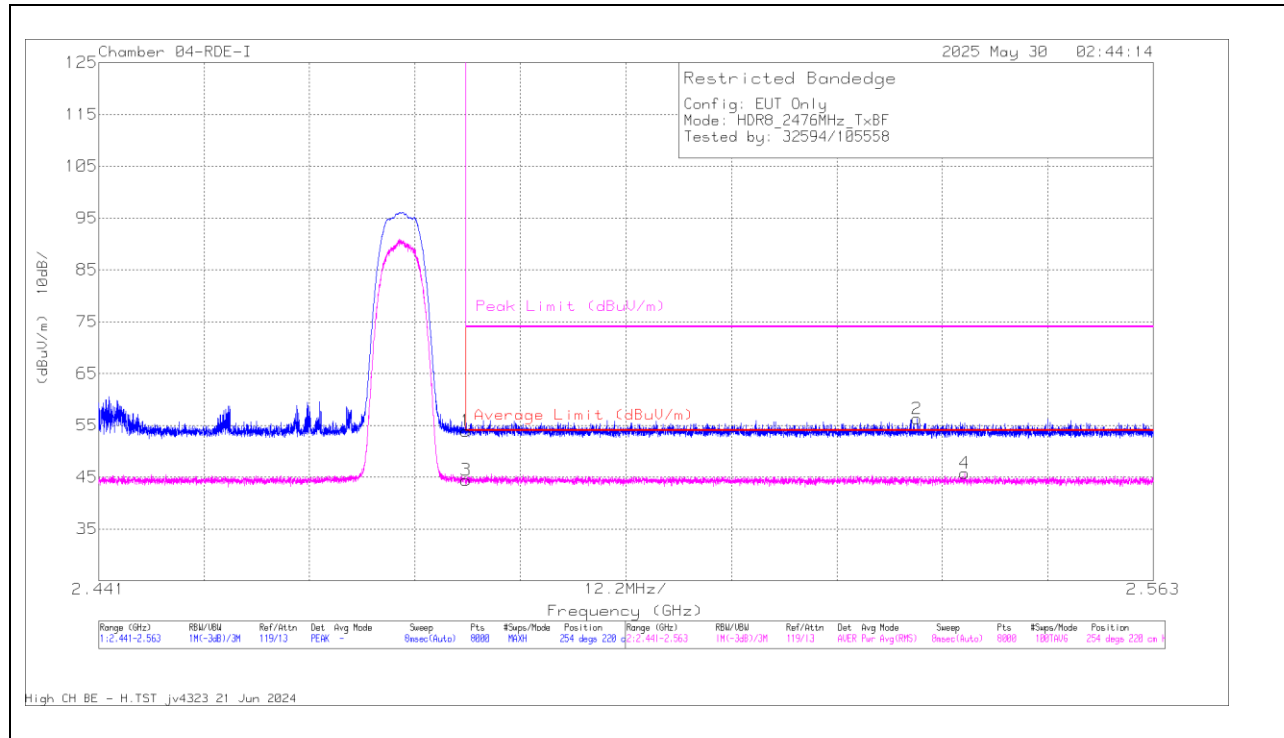


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 41.93                | Pk  | 31.8              | -19.9            | 0         | 53.83                      | -                      | -           | 74                  | -20.17         | 22             | 186         | V        |
| 2      | * 2.352187      | 43.93                | Pk  | 31.7              | -19.7            | 0         | 55.93                      | -                      | -           | 74                  | -18.07         | 22             | 186         | V        |
| 3      | * 2.39          | 31.33                | RMS | 31.8              | -19.9            | 1.07      | 44.3                       | 54                     | -9.7        | -                   | -              | 22             | 186         | V        |
| 4      | * 2.360015      | 32.28                | RMS | 31.7              | -19.7            | 1.07      | 45.35                      | 54                     | -8.65       | -                   | -              | 22             | 186         | V        |

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

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

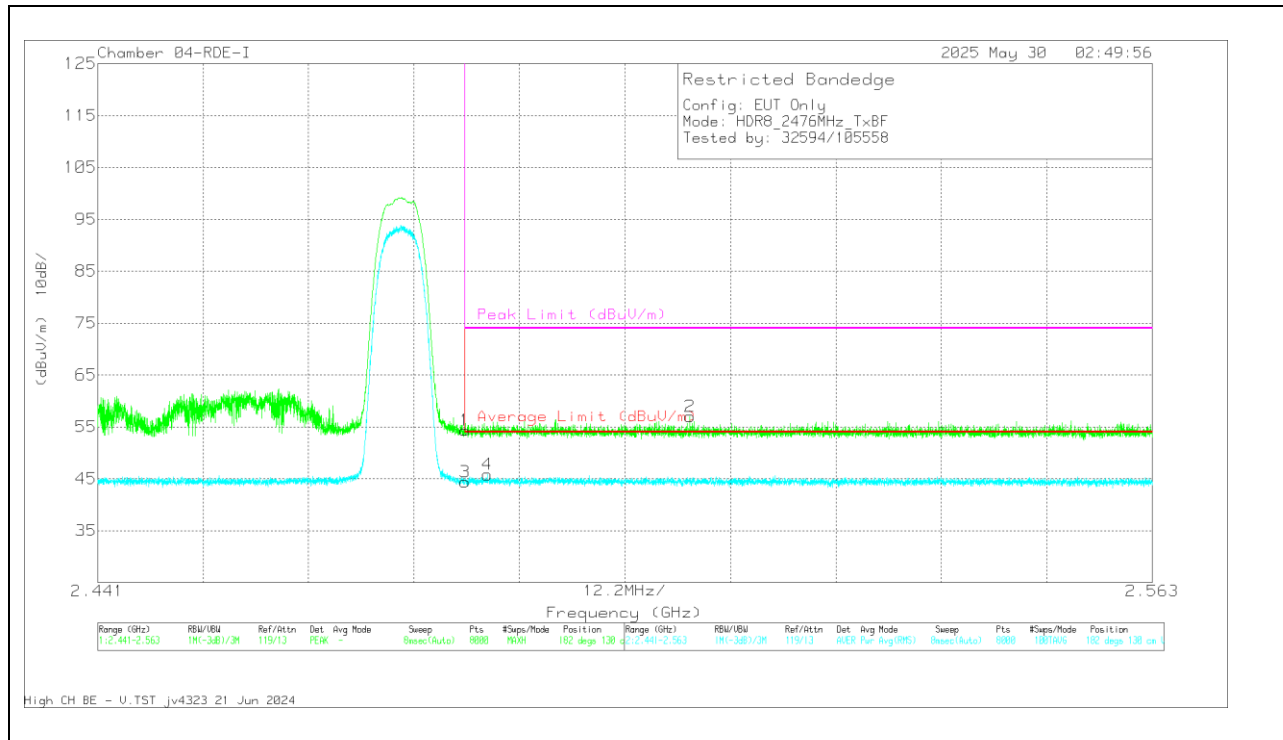
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 41.91                | Pk  | 32.3              | -20.3            | 0         | 53.91                      | -                      | -           | 74                  | -20.09         | 254            | 220         | H        |
| 2      | 2.535639        | 44.26                | Pk  | 32.4              | -20.4            | 0         | 56.26                      | -                      | -           | 74                  | -17.74         | 254            | 220         | H        |
| 3      | * 2.4835        | 31.36                | RMS | 32.3              | -20.3            | 1.07      | 44.43                      | 54                     | -9.57       | -                   | -              | 254            | 220         | H        |
| 4      | *2.541175       | 32.67                | RMS | 32.4              | -20.4            | 1.07      | 45.74                      | 54                     | -8.26       | -                   | -              | 254            | 220         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT

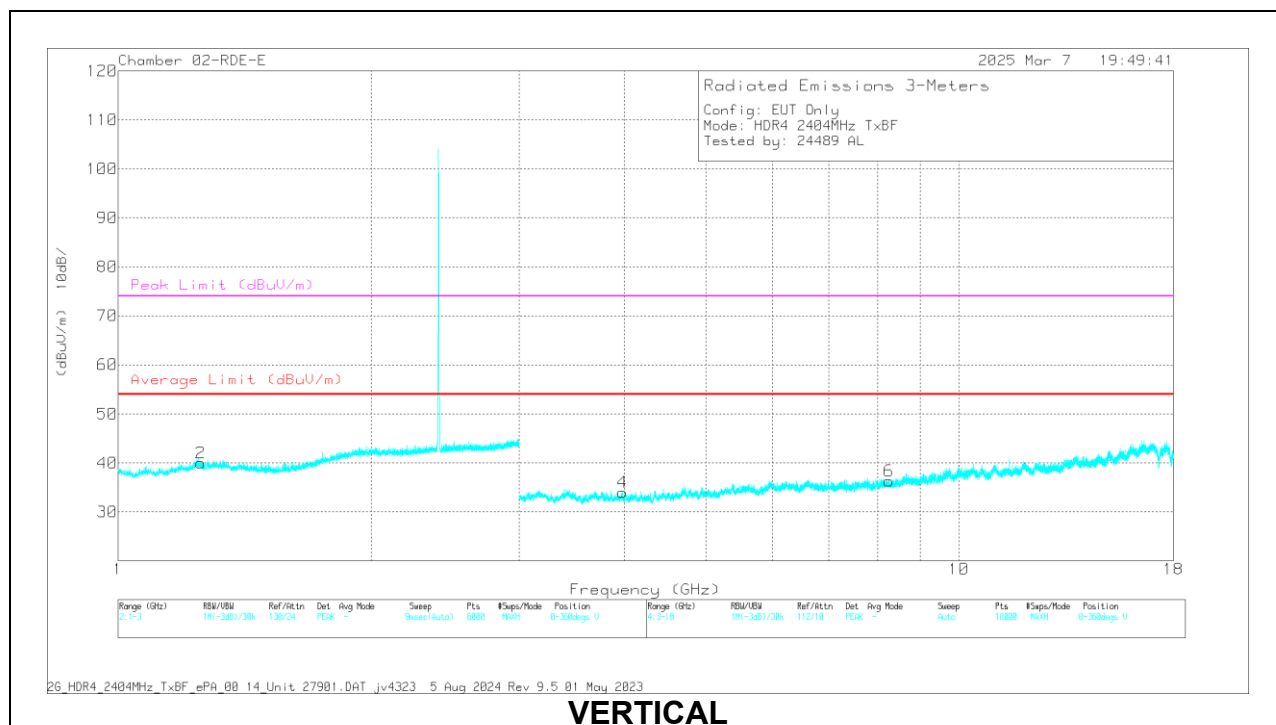
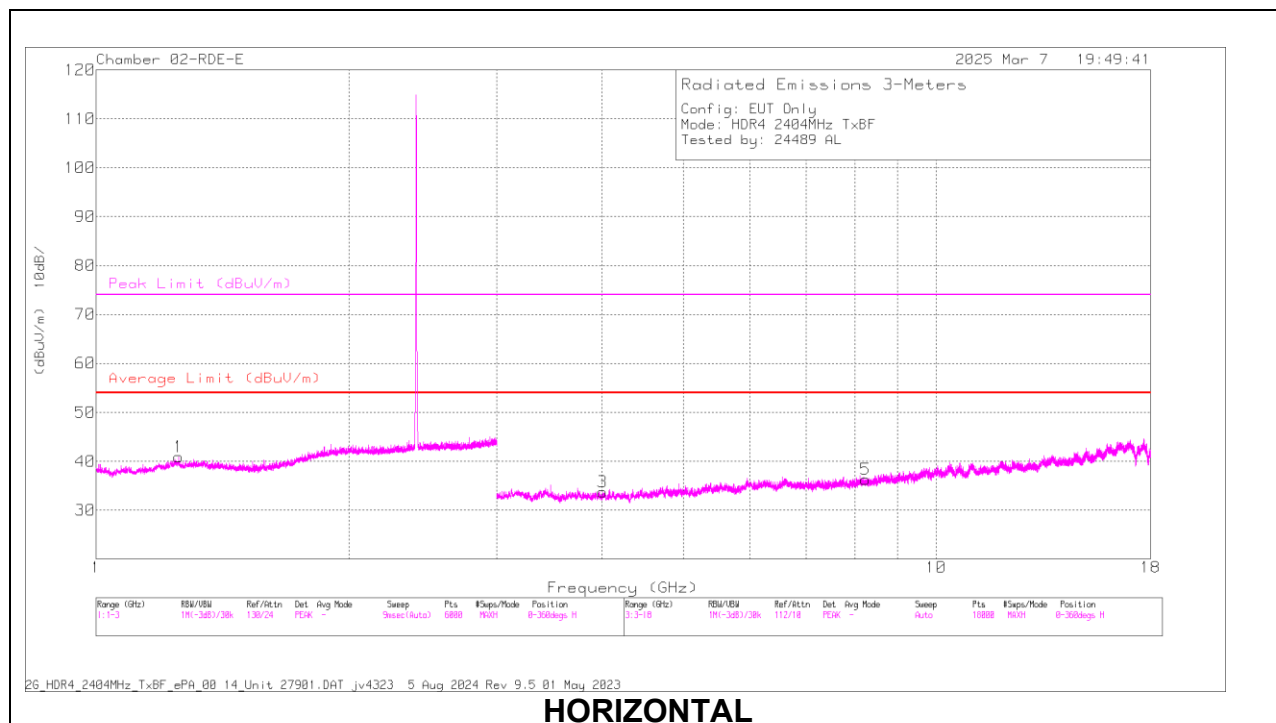


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 222740 ACF (dB/m) | Amp/Cbl/Pad (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|-----------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 42.33                | Pk  | 32.3              | -20.3            | 0         | 54.33                      | -                      | -           | 74                  | -19.67         | 182            | 130         | V        |
| 2      | * 2.509527      | 45                   | Pk  | 32.4              | -20.4            | 0         | 57                         | -                      | -           | 74                  | -17            | 182            | 130         | V        |
| 3      | * 2.4835        | 31.31                | RMS | 32.3              | -20.3            | 1.07      | 44.38                      | 54                     | -9.62       | -                   | -              | 182            | 130         | V        |
| 4      | * 2.486085      | 32.66                | RMS | 32.3              | -20.2            | 1.07      | 45.83                      | 54                     | -8.17       | -                   | -              | 182            | 130         | V        |

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

PK - Peak detector

RMS - RMS detection

**10.2.9. WORST CASE HARMONICS AND SPURIOUS EMISSIONS****LOW CHANNEL RESULTS**

**RADIATED EMISSIONS**

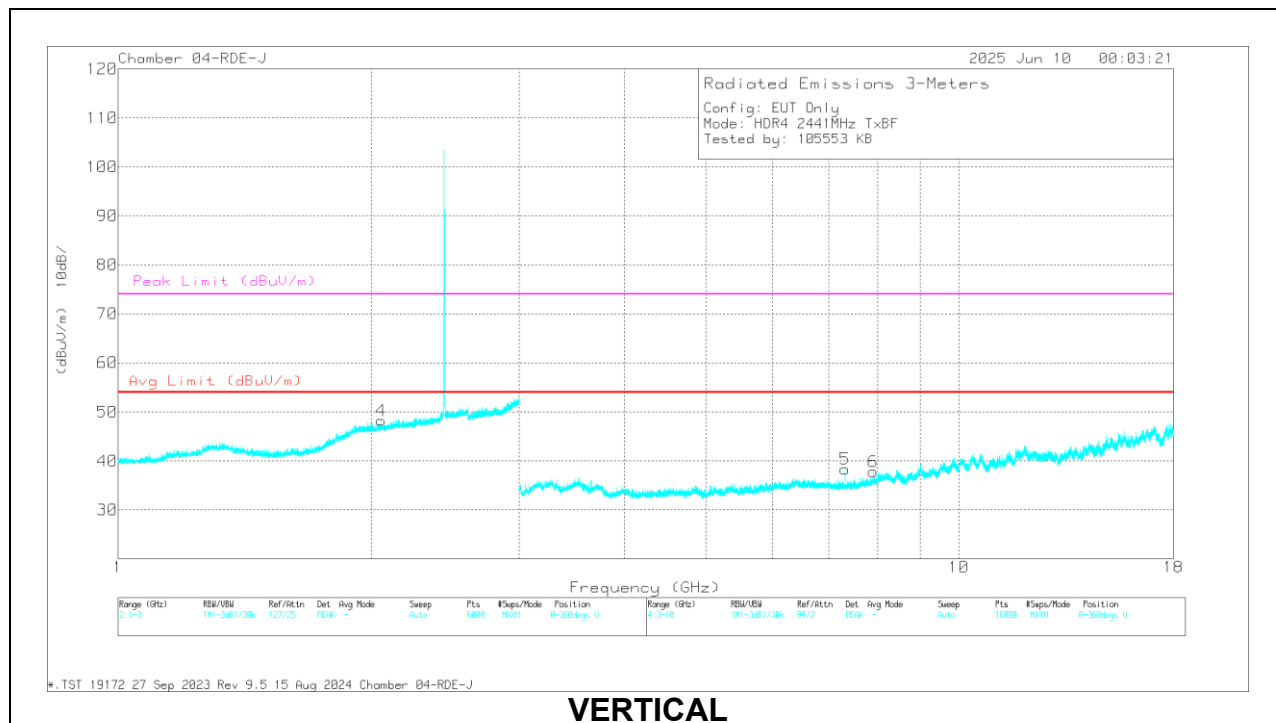
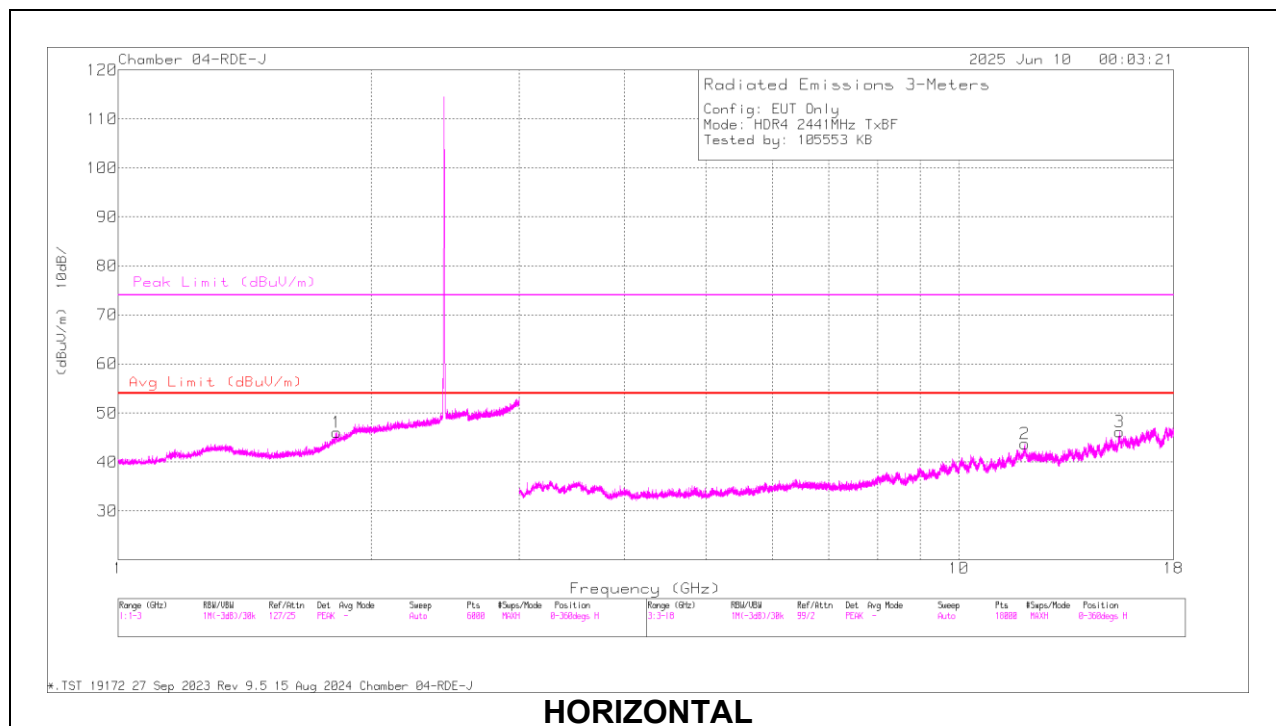
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 84796 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 1.255116      | 60.45                | PK2  | 29               | 0         | -39.66         | 49.79                      | -                      | -           | 74                  | -24.21      | 348            | 119         | H        |
|        | * 1.253021      | 48.79                | MAv1 | 29               | 1.08      | -39.69         | 39.18                      | 54                     | -14.82      | -                   | -           | 348            | 119         | H        |
| 2      | * 1.251736      | 61.08                | PK2  | 29               | 0         | -39.69         | 50.39                      | -                      | -           | 74                  | -23.61      | 238            | 259         | V        |
|        | * 1.254829      | 49.28                | MAv1 | 29               | 1.08      | -39.66         | 39.7                       | 54                     | -14.30      | -                   | -           | 238            | 259         | V        |
| 3      | * 4.011216      | 56.08                | PK2  | 33.4             | 0         | -45.83         | 43.65                      | -                      | -           | 74                  | -30.35      | 269            | 238         | H        |
|        | * 4.009641      | 44.29                | MAv1 | 33.4             | 1.08      | -45.82         | 32.95                      | 54                     | -21.05      | -                   | -           | 269            | 238         | H        |
| 4      | * 3.978232      | 55.48                | PK2  | 33.5             | 0         | -45.92         | 43.06                      | -                      | -           | 74                  | -30.94      | 167            | 166         | V        |
|        | * 3.980344      | 44.29                | MAv1 | 33.5             | 1.08      | -45.89         | 32.98                      | 54                     | -21.02      | -                   | -           | 167            | 166         | V        |
| 5      | * 8.235666      | 54.2                 | PK2  | 35.9             | 0         | -44.03         | 46.07                      | -                      | -           | 74                  | -27.93      | 295            | 207         | H        |
|        | * 8.238572      | 43.08                | MAv1 | 35.9             | 1.08      | -44.03         | 36.03                      | 54                     | -17.97      | -                   | -           | 295            | 207         | H        |
| 6      | * 8.250212      | 54.41                | PK2  | 35.9             | 0         | -44.03         | 46.28                      | -                      | -           | 74                  | -27.72      | 136            | 262         | V        |
|        | * 8.251179      | 43.09                | MAv1 | 35.9             | 1.08      | -44.04         | 36.03                      | 54                     | -17.97      | -                   | -           | 136            | 262         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL RESULTS



**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB/m) | Amp/Cbl (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.799182        | 53.63                | PK2 | 30.2             | -29.5        | 0         | 54.33                      | -                  | -           | -                   | -              | 321            | 333         | H        |
| 4      | 2.058318        | 53.91                | PK2 | 31.9             | -29          | 0         | 56.81                      | -                  | -           | -                   | -              | 121            | 129         | V        |

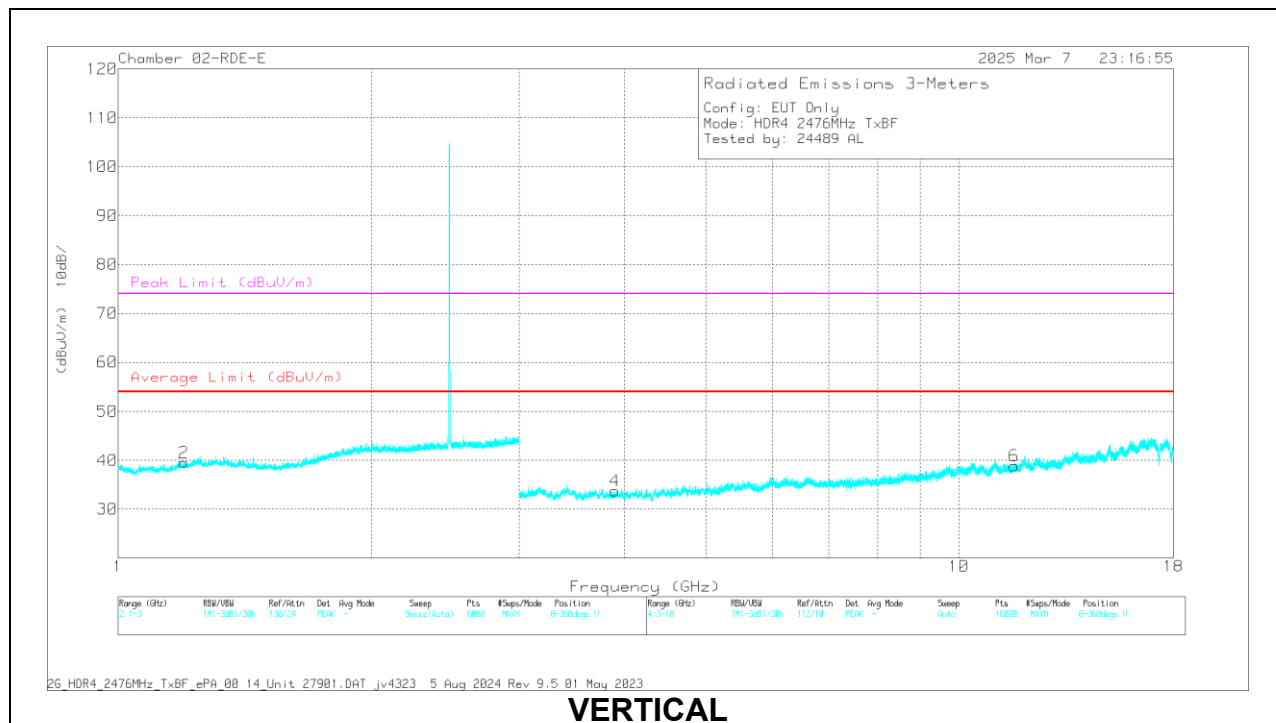
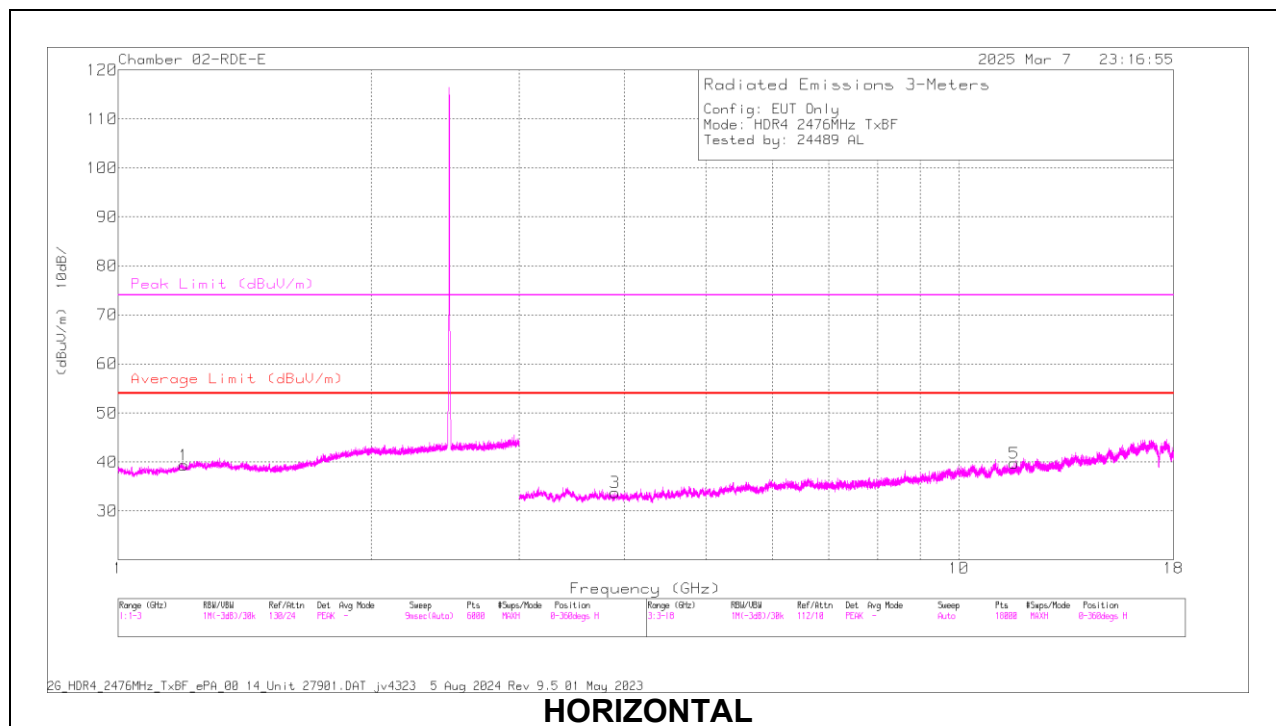
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB/m) | Amp/Cbl/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|--------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2      | * 11.997473     | 52.21                | PK2  | 39.7             | -39.4              | 0         | 52.51                      | -                  | -           | 74                  | -21.49         | 181            | 244         | H        |
|        | * 11.996758     | 40.79                | MAv1 | 39.7             | -39.4              | 1.08      | 42.17                      | 54                 | -11.83      | -                   | -              | 181            | 244         | H        |
| 3      | * 15.54009      | 52.6                 | PK2  | 41               | -39.2              | 0         | 54.4                       | -                  | -           | 74                  | -19.6          | 354            | 114         | H        |
|        | * 15.550192     | 41.23                | MAv1 | 41               | -39.1              | 1.08      | 44.21                      | 54                 | -9.79       | -                   | -              | 354            | 114         | H        |
| 5      | * 7.323758      | 53.54                | PK2  | 35.5             | -42.5              | 0         | 46.54                      | -                  | -           | 74                  | -27.46         | 165            | 108         | V        |
|        | * 7.322731      | 42.52                | MAv1 | 35.5             | -42.6              | 1.08      | 36.5                       | 54                 | -17.5       | -                   | -              | 165            | 108         | V        |
| 6      | 7.893225        | 51.73                | PK2  | 35.9             | -41.4              | 0         | 46.23                      | -                  | -           | -                   | -              | 165            | 119         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 84796 ACF (dB/m) | DCCF (dB) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|-----------|----------------|----------------------------|------------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| 1      | * 1.196073      | 60.22                | PK2  | 28.4             | 0         | -39.74         | 48.88                      | -                      | -           | 74                  | -25.12      | 360            | 200         | H        |
|        | * 1.197524      | 48.91                | MAv1 | 28.4             | 1.08      | -39.75         | 38.64                      | 54                     | -15.36      | -                   | -           | 360            | 200         | H        |
| 2      | * 1.198935      | 60.49                | PK2  | 28.4             | 0         | -39.74         | 49.15                      | -                      | -           | 74                  | -24.85      | 360            | 200         | V        |
|        | * 1.197194      | 49.03                | MAv1 | 28.4             | 1.08      | -39.75         | 38.76                      | 54                     | -15.24      | -                   | -           | 360            | 200         | V        |
| 3      | * 3.903097      | 55.84                | PK2  | 33.4             | 0         | -45.79         | 43.45                      | -                      | -           | 74                  | -30.55      | 360            | 200         | H        |
|        | * 3.902123      | 44.27                | MAv1 | 33.4             | 1.08      | -45.76         | 32.99                      | 54                     | -21.01      | -                   | -           | 360            | 200         | H        |
| 5      | * 11.635396     | 53.8                 | PK2  | 38.3             | 0         | -42.44         | 49.66                      | -                      | -           | 74                  | -24.34      | 360            | 200         | H        |
|        | * 11.639106     | 42.03                | MAv1 | 38.3             | 1.08      | -42.51         | 38.9                       | 54                     | -15.1       | -                   | -           | 360            | 200         | H        |
| 4      | * 3.901385      | 55.82                | PK2  | 33.4             | 0         | -45.75         | 43.47                      | -                      | -           | 74                  | -30.53      | 360            | 200         | V        |
|        | * 3.899503      | 44.11                | MAv1 | 33.4             | 1.08      | -45.74         | 32.85                      | 54                     | -21.15      | -                   | -           | 360            | 200         | V        |
| 6      | * 11.642315     | 53.36                | PK2  | 38.3             | 0         | -42.51         | 49.15                      | -                      | -           | 74                  | -24.85      | 360            | 200         | V        |
|        | * 11.643213     | 42.06                | MAv1 | 38.3             | 1.08      | -42.52         | 38.92                      | 54                     | -15.08      | -                   | -           | 360            | 200         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

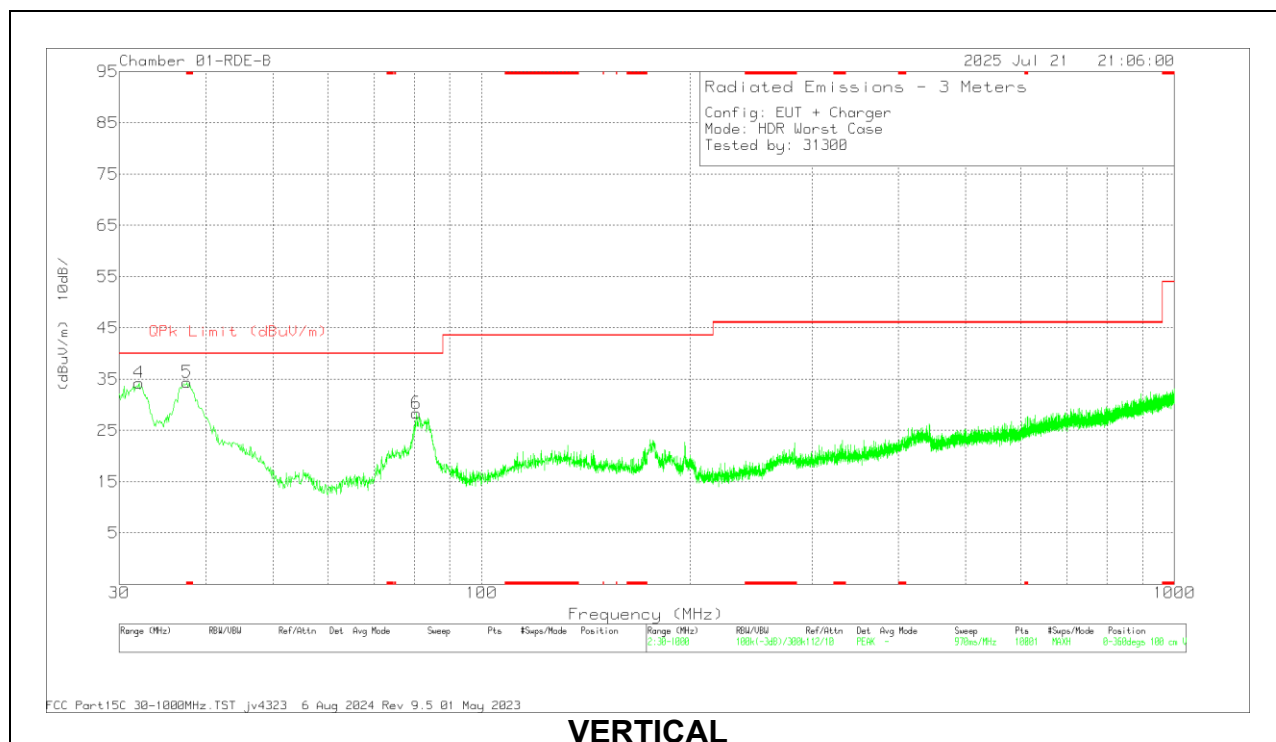
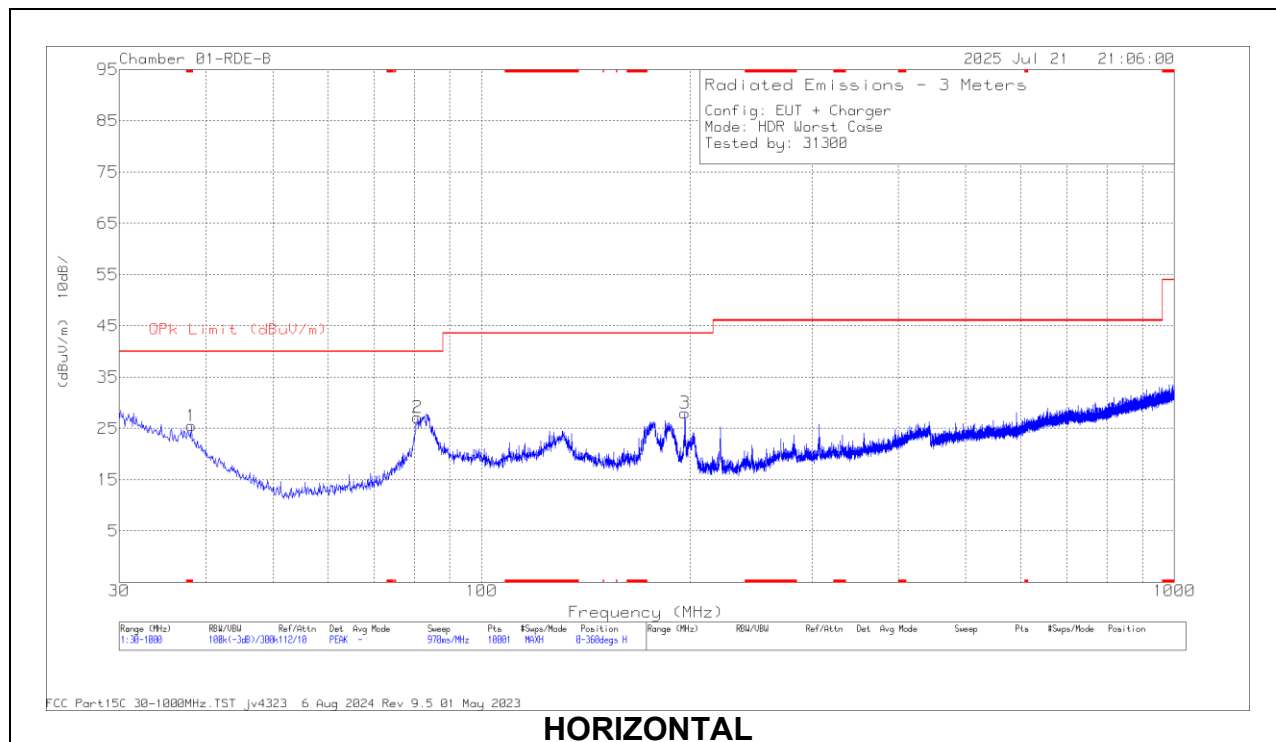
MAv1 - KDB558074 Option 1 Maximum RMS Average

**10.3.     WORST CASE BELOW 30MHz**

There were no emissions found below 30 MHz within 20dB of the limit

## 10.4. WORST CASE BELOW 1 GHz

### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)

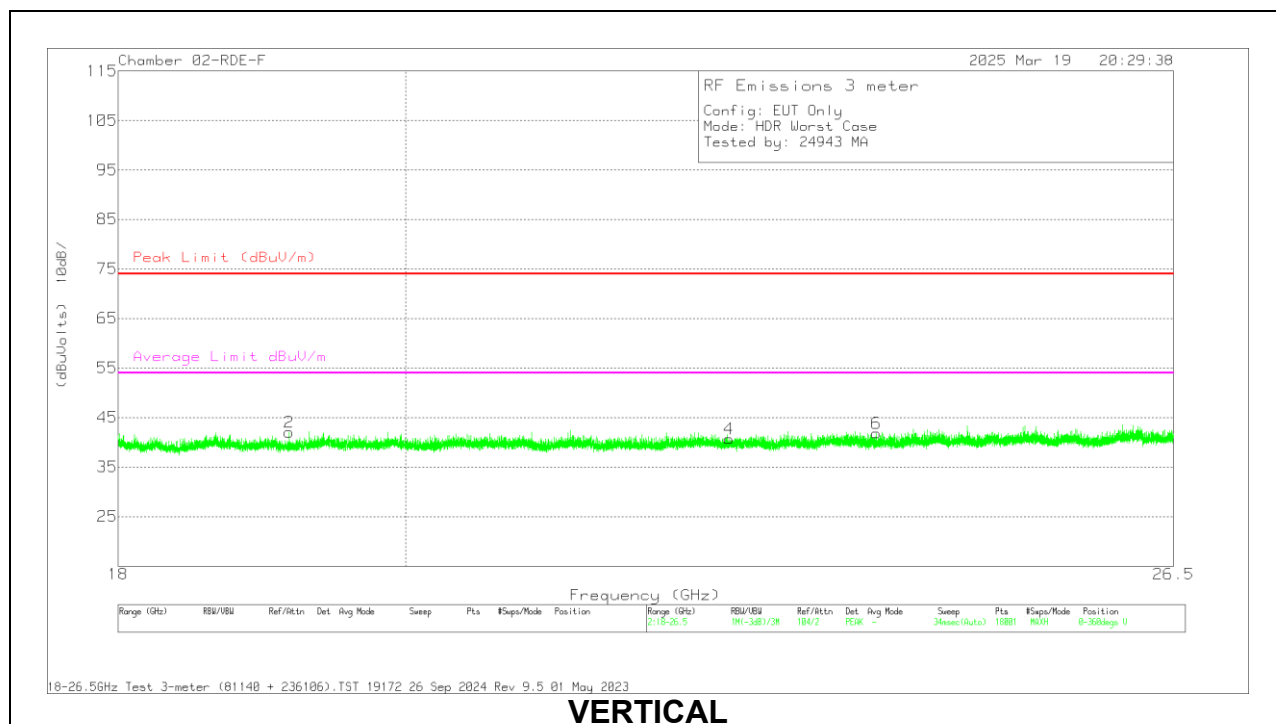
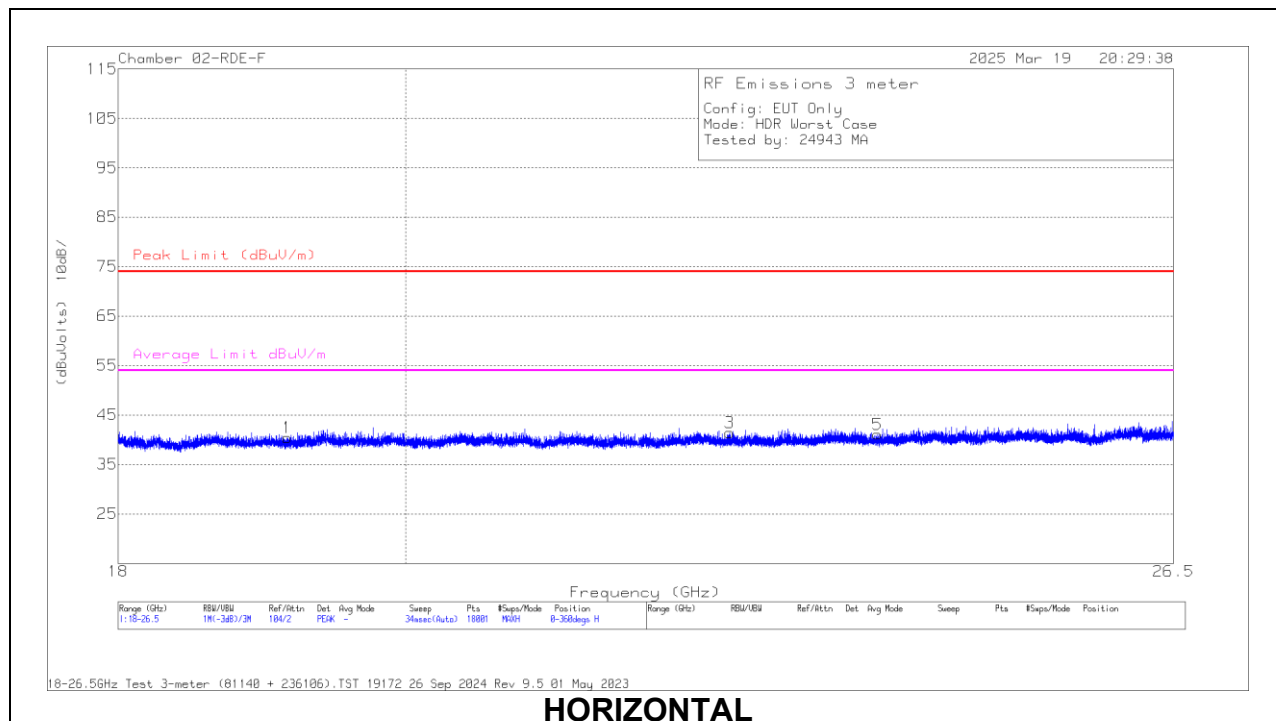


## Below 1GHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 85150 ACF (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | * 37.9852       | 26.87                | Qp  | 22               | -31.4        | 17.47                      | 40                 | -22.53      | 267            | 324         | H        |
| 2      | 83.0628         | 42.76                | Qp  | 13.3             | -30.9        | 25.16                      | 40                 | -14.84      | 31             | 218         | H        |
| 3      | 196.863         | 40.05                | Qp  | 18.2             | -30.2        | 28.05                      | 43.52              | -15.47      | 72             | 149         | H        |
| 4      | 32.1697         | 33.31                | Qp  | 25.8             | -31.5        | 27.61                      | 40                 | -12.39      | 273            | 128         | V        |
| 5      | 37.482          | 38.6                 | Qp  | 22.4             | -31.4        | 29.6                       | 40                 | -10.4       | 140            | 104         | V        |
| 6      | 83.0694         | 41.12                | Qp  | 13.3             | -30.9        | 23.52                      | 40                 | -16.48      | 267            | 121         | V        |

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

Qp - Quasi-Peak detector

**10.5. WORST CASE 18-26 GHz****SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)**

**18 – 26GHz DATA**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81140 ACF (dB/m) | AMP (dB) | CBL (dB) | Corrected Reading (dBuVolts) | Peak Limit (dBuV/m) | PK Margin (dB) | Average Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------|----------|------------------------------|---------------------|----------------|------------------------|-------------|----------------|-------------|----------|
| 1      | * 19.152694     | 53.58                | Pk  | 32.5             | -63.3    | 17.6     | 40.38                        | 74                  | -33.62         | 54                     | -13.62      | 0-360          | 101         | H        |
| 2      | * 19.164736     | 55.21                | Pk  | 32.5             | -63.3    | 17.6     | 42.01                        | 74                  | -31.99         | 54                     | -11.99      | 0-360          | 101         | V        |
| 3      | * 22.523415     | 51.66                | Pk  | 33.3             | -62.6    | 19.1     | 41.46                        | 74                  | -32.54         | 54                     | -12.54      | 0-360          | 200         | H        |
| 4      | * 22.51822      | 50.93                | Pk  | 33.3             | -62.6    | 19.1     | 40.73                        | 74                  | -33.27         | 54                     | -13.27      | 0-360          | 101         | V        |
| 5      | * 23.779053     | 51.51                | Pk  | 33.7             | -63.8    | 19.7     | 41.11                        | 74                  | -32.89         | 54                     | -12.89      | 0-360          | 200         | H        |
| 6      | * 23.766775     | 52.27                | Pk  | 33.7             | -63.8    | 19.7     | 41.87                        | 74                  | -32.13         | 54                     | -12.13      | 0-360          | 200         | 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 (dB $\mu$ V) |            |
|-----------------------------|------------------------------|------------|
|                             | 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.

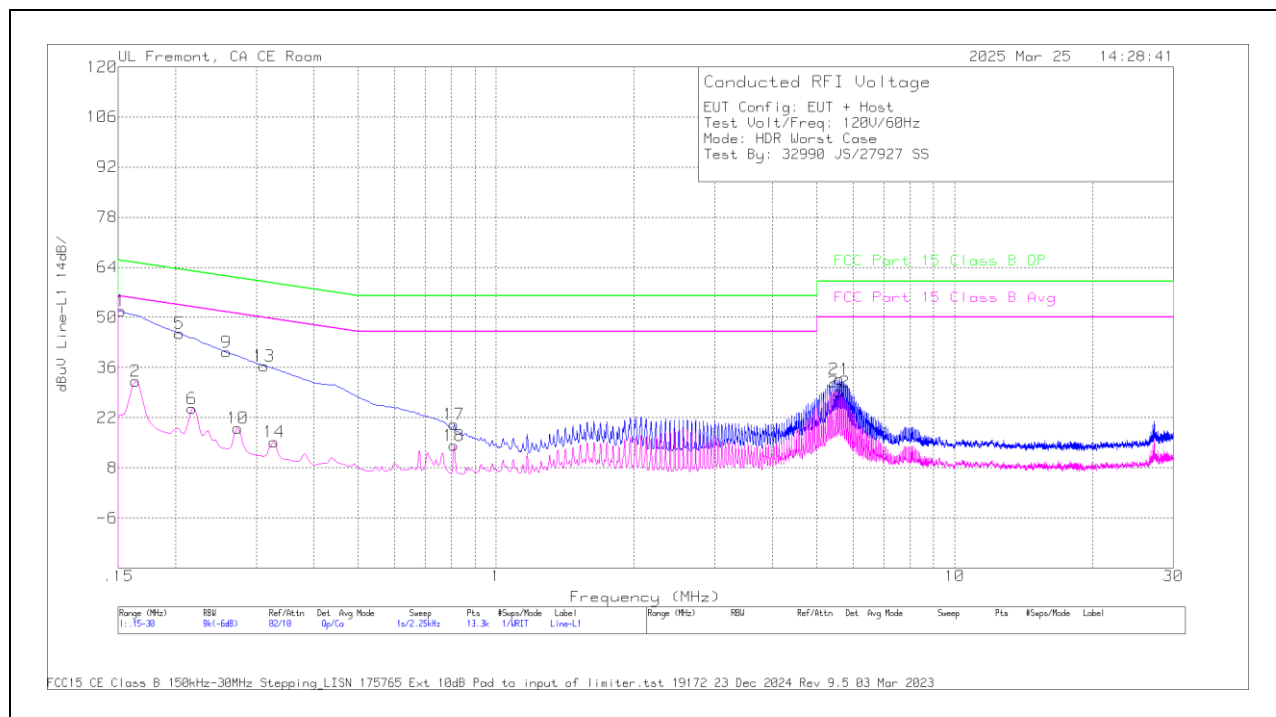
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

## 11.1. AC POWER LINE WITH LAPTOP

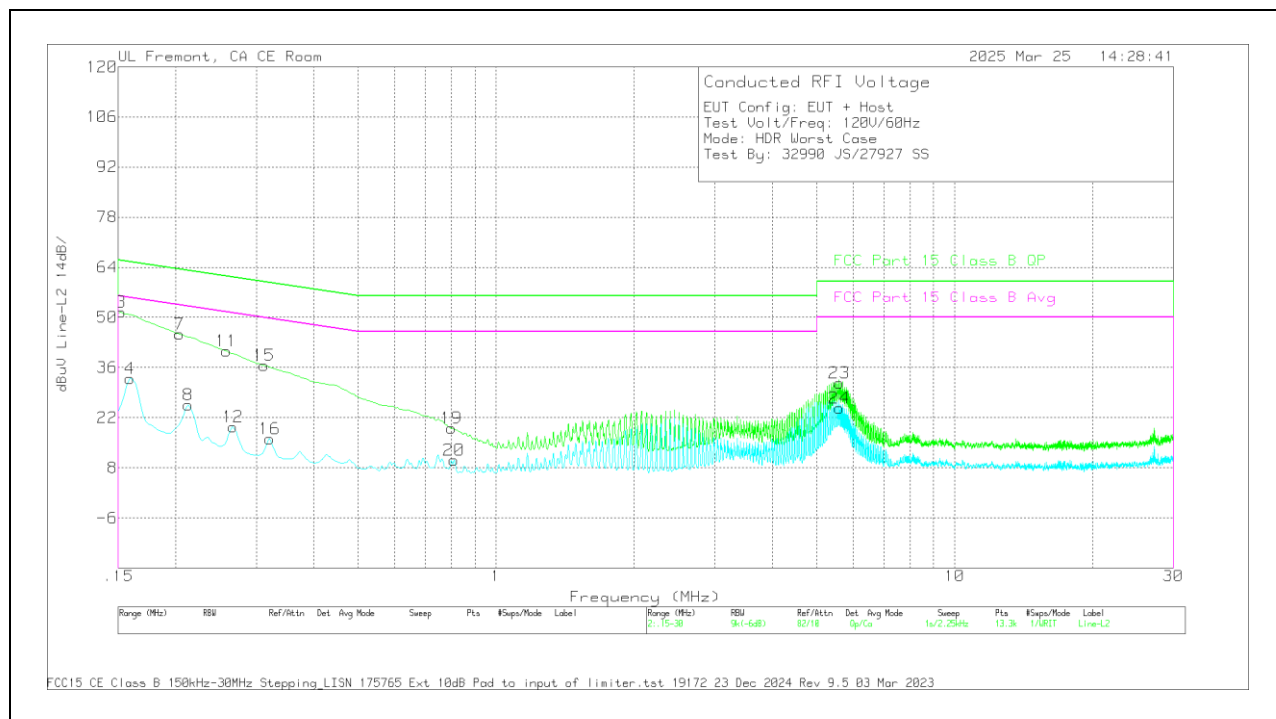
### LINE 1 RESULTS



| Range 1: Line-L1 15 - 30MHz |                 |                      |     |           |         |         |                 |                        |                               |                |                                |                       |
|-----------------------------|-----------------|----------------------|-----|-----------|---------|---------|-----------------|------------------------|-------------------------------|----------------|--------------------------------|-----------------------|
| Marker                      | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN (dB) | CBL(dB) | CBL(dB) | 10dB Atten (dB) | Corrected Reading dBuV | FCC Part 15 Class B QP (dBuV) | QP Margin (dB) | FCC Part 15 Class B Avg (dBuV) | Av(CISPR) Margin (dB) |
| 2                           | .1635           | 13.26                | Ca  | .1        | .4      | 8.5     | 10              | 32.26                  | -                             | -              | 55.28                          | -23.02                |
| 6                           | .2175           | 6.28                 | Ca  | 0         | 0       | 8.3     | 10              | 24.58                  | -                             | -              | 52.91                          | -28.33                |
| 10                          | .2738           | 1.1                  | Ca  | 0         | -.1     | 8.1     | 10              | 19.1                   | -                             | -              | 51                             | -31.9                 |
| 14                          | .3278           | -2.85                | Ca  | 0         | -.2     | 8.2     | 10              | 15.15                  | -                             | -              | 49.51                          | -34.36                |
| 18                          | .8093           | -3.76                | Ca  | 0         | .1      | 7.9     | 10              | 14.24                  | -                             | -              | 46                             | -31.76                |
| 22                          | 5.613           | 10.76                | Ca  | 0         | .2      | 8.2     | 10              | 29.16                  | -                             | -              | 50                             | -20.84                |
| 1                           | .1523           | 32.71                | Qp  | .1        | .5      | 8.5     | 10              | 51.81                  | 65.88                         | -14.07         | -                              | -                     |
| 5                           | .204            | 27.01                | Qp  | 0         | .1      | 8.4     | 10              | 45.51                  | 63.45                         | -17.94         | -                              | -                     |
| 9                           | .258            | 22.25                | Qp  | 0         | -.1     | 8.2     | 10              | 40.35                  | 61.5                          | -21.15         | -                              | -                     |
| 13                          | .312            | 18.49                | Qp  | 0         | -.1     | 8.1     | 10              | 36.49                  | 59.92                         | -23.43         | -                              | -                     |
| 17                          | .8093           | 2.08                 | Qp  | 0         | .1      | 7.9     | 10              | 20.08                  | 56                            | -35.92         | -                              | -                     |
| 21                          | 5.6108          | 14.27                | Qp  | 0         | .3      | 8.2     | 10              | 32.77                  | 60                            | -27.23         | -                              | -                     |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## LINE 2 RESULTS

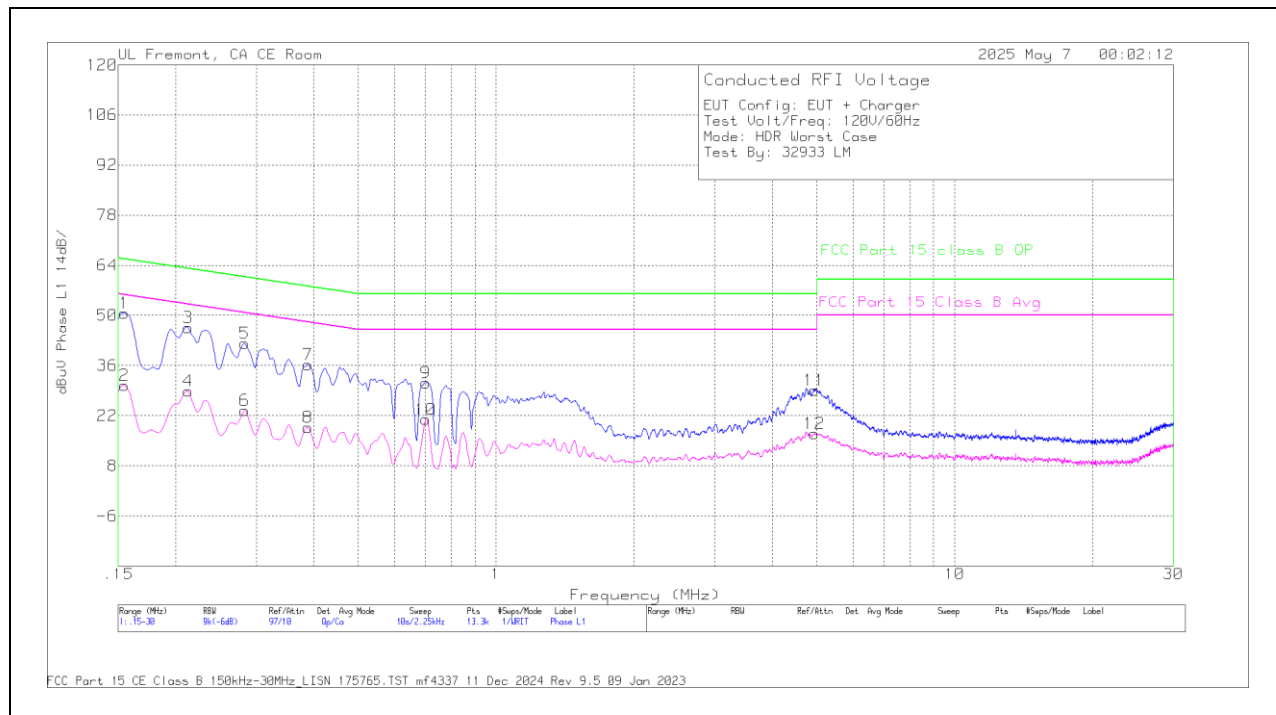


| Range 2: Line-L2 .15 - 30MHz |                 |                      |     |           |         |         |                 |                          |                               |                |                                |                       |
|------------------------------|-----------------|----------------------|-----|-----------|---------|---------|-----------------|--------------------------|-------------------------------|----------------|--------------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN (dB) | CBL(dB) | CBL(dB) | 10dB Atten (dB) | Corrected Reading (dBuV) | FCC Part 15 Class B QP (dBuV) | QP Margin (dB) | FCC Part 15 Class B Avg (dBuV) | Av(CISPR) Margin (dB) |
| 4                            | .159            | 14.18                | Ca  | .1        | .2      | 8.5     | 10              | 32.98                    | -                             | -              | 55.52                          | -22.54                |
| 8                            | .213            | 7.1                  | Ca  | 0         | .1      | 8.3     | 10              | 25.5                     | -                             | -              | 53.09                          | -27.59                |
| 12                           | .267            | 1.28                 | Ca  | 0         | .1      | 8.1     | 10              | 19.48                    | -                             | -              | 51.21                          | -31.73                |
| 16                           | .321            | -2.17                | Ca  | 0         | 0       | 8.2     | 10              | 16.03                    | -                             | -              | 49.68                          | -33.65                |
| 20                           | .8093           | -7.7                 | Ca  | 0         | 0       | 7.9     | 10              | 10.2                     | -                             | -              | 46                             | -35.8                 |
| 24                           | 5.613           | 6.25                 | Ca  | 0         | .2      | 8.2     | 10              | 24.65                    | -                             | -              | 50                             | -25.35                |
| 3                            | .1523           | 32.65                | Qp  | .1        | .3      | 8.5     | 10              | 51.55                    | 65.88                         | -14.33         | -                              | -                     |
| 7                            | .204            | 26.97                | Qp  | 0         | 0       | 8.4     | 10              | 45.37                    | 63.45                         | -18.08         | -                              | -                     |
| 11                           | .258            | 22.16                | Qp  | 0         | .2      | 8.2     | 10              | 40.56                    | 61.5                          | -20.94         | -                              | -                     |
| 15                           | .312            | 18.45                | Qp  | 0         | 0       | 8.1     | 10              | 36.55                    | 59.92                         | -23.37         | -                              | -                     |
| 19                           | .8003           | 1.2                  | Qp  | 0         | 0       | 7.9     | 10              | 19.1                     | 56                            | -36.9          | -                              | -                     |
| 23                           | 5.6108          | 13.24                | Qp  | 0         | .2      | 8.2     | 10              | 31.64                    | 60                            | -28.36         | -                              | -                     |

Qp - Quasi-Peak detector  
Ca - CISPR average detection

## 11.2. AC POWER LINE WITH AC/DC ADAPTER

### LINE 1 RESULTS

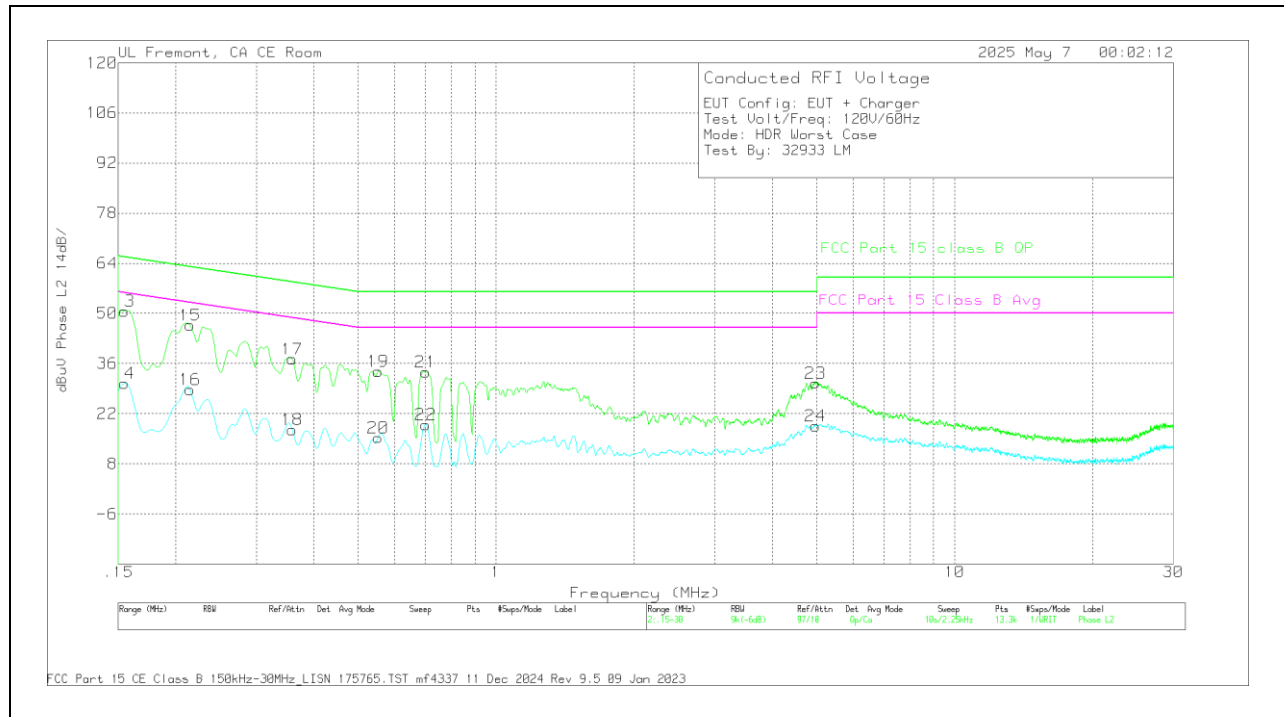


| Range 1: Phase L1 .15 - 30MHz |                 |                      |     |         |           |         |                 |                        |                              |             |                             |             |
|-------------------------------|-----------------|----------------------|-----|---------|-----------|---------|-----------------|------------------------|------------------------------|-------------|-----------------------------|-------------|
| Marker                        | Frequency (MHz) | Meter Reading (dBuV) | Det | CBL(dB) | LISN (dB) | CBL(dB) | 10dB Atten (dB) | Corrected Reading dBuV | FCC Part 15 Class B Avg dBuV | Margin (dB) | FCC Part 15 class B QP dBuV | Margin (dB) |
| 2                             | .1545           | 11.36                | Ca  | .5      | .1        | 8.5     | 10              | 30.46                  | 55.75                        | -25.29      | -                           | -           |
| 4                             | .213            | 10.64                | Ca  | 0       | 0         | 8.3     | 10              | 28.94                  | 53.09                        | -24.15      | -                           | -           |
| 6                             | .2828           | 5.37                 | Ca  | 0       | 0         | 8.1     | 10              | 23.47                  | 50.73                        | -27.26      | -                           | -           |
| 8                             | .3885           | .92                  | Ca  | -.5     | 0         | 8.3     | 10              | 18.72                  | 48.1                         | -29.38      | -                           | -           |
| 10                            | .7035           | 2.51                 | Ca  | .2      | 0         | 8.2     | 10              | 20.91                  | 46                           | -25.09      | -                           | -           |
| 12                            | 4.9425          | -1.5                 | Ca  | .2      | 0         | 8.2     | 10              | 16.9                   | 46                           | -29.1       | -                           | -           |
| 1                             | .1545           | 31.53                | Qp  | .5      | .1        | 8.5     | 10              | 50.63                  | -                            | -           | 65.75                       | -15.12      |
| 3                             | .213            | 28.28                | Qp  | 0       | 0         | 8.3     | 10              | 46.58                  | -                            | -           | 63.09                       | -16.51      |
| 5                             | .2828           | 24.12                | Qp  | 0       | 0         | 8.1     | 10              | 42.22                  | -                            | -           | 60.73                       | -18.51      |
| 7                             | .3885           | 18.42                | Qp  | -.5     | 0         | 8.3     | 10              | 36.22                  | -                            | -           | 58.1                        | -21.88      |
| 9                             | .7035           | 12.76                | Qp  | .2      | 0         | 8.2     | 10              | 31.16                  | -                            | -           | 56                          | -24.84      |
| 11                            | 4.9425          | 10.65                | Qp  | .2      | 0         | 8.2     | 10              | 29.05                  | -                            | -           | 56                          | -26.95      |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



| Range 2: Phase L2 .15 - 30MHz |                 |                      |     |         |           |         |                 |                        |                              |             |                             |             |
|-------------------------------|-----------------|----------------------|-----|---------|-----------|---------|-----------------|------------------------|------------------------------|-------------|-----------------------------|-------------|
| Marker                        | Frequency (MHz) | Meter Reading (dBuV) | Det | CBL(dB) | LISN (dB) | CBL(dB) | 10dB Atten (dB) | Corrected Reading dBuV | FCC Part 15 Class B Avg dBuV | Margin (dB) | FCC Part 15 class B QP dBuV | Margin (dB) |
| 14                            | .1545           | 11.29                | Ca  | .5      | .1        | 8.5     | 10              | 30.39                  | 55.75                        | -25.36      | -                           | -           |
| 16                            | .2153           | 10.37                | Ca  | 0       | 0         | 8.3     | 10              | 28.67                  | 53                           | -24.33      | -                           | -           |
| 18                            | .3593           | -4.46                | Ca  | -4      | 0         | 8.4     | 10              | 17.54                  | 48.75                        | -31.21      | -                           | -           |
| 20                            | .5528           | -1.91                | Ca  | -5      | 0         | 7.7     | 10              | 15.29                  | 46                           | -30.71      | -                           | -           |
| 22                            | .7035           | .55                  | Ca  | .2      | 0         | 8.2     | 10              | 18.95                  | 46                           | -27.05      | -                           | -           |
| 24                            | 4.974           | .16                  | Ca  | .1      | 0         | 8.3     | 10              | 18.56                  | 46                           | -27.44      | -                           | -           |
| 13                            | .1545           | 31.56                | Qp  | .5      | .1        | 8.5     | 10              | 50.66                  | -                            | -           | 65.75                       | -15.09      |
| 15                            | .2153           | 28.38                | Qp  | 0       | 0         | 8.3     | 10              | 46.68                  | -                            | -           | 63                          | -16.32      |
| 17                            | .3593           | 19.22                | Qp  | -4      | 0         | 8.4     | 10              | 37.22                  | -                            | -           | 58.75                       | -21.53      |
| 19                            | .5528           | 16.58                | Qp  | -5      | 0         | 7.7     | 10              | 33.78                  | -                            | -           | 56                          | -22.22      |
| 21                            | .7035           | 15.18                | Qp  | .2      | 0         | 8.2     | 10              | 33.58                  | -                            | -           | 56                          | -22.42      |
| 23                            | 4.974           | 12.14                | Qp  | .1      | 0         | 8.3     | 10              | 30.54                  | -                            | -           | 56                          | -25.46      |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## **12. SETUP PHOTOS**

Please refer to 15496282-EP1 for setup photos

## **APPENDIX A – SPOT CHECK EVALUATION**

# 1. SPOT CHECK EVALUATION

## 1.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3260, A3516, A3517 and A3518.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for the cellular bands that are enabled/disabled by software as shown below.

| Model | FCC ID     | IC ID       | Feature Difference                | Sim Support | Reference Model |
|-------|------------|-------------|-----------------------------------|-------------|-----------------|
| A3260 | BCG-E8948A | 579C-E8948A | _No B11/21                        | eSIM        | -               |
| A3516 | BCG-E8954A | 579C-E8954A | _Added B11/21<br>_No B14/29/71    |             | A3260           |
| A3517 | BCG-E8955A | 579C-E8955A | _No B11/21/14/29/71               |             |                 |
| A3518 | BCG-E8956A | 579C-E8956A | _No B11/21/14/29/71/53<br>_No MSS |             |                 |

The spot check plan allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dBmax}(M_{dB}) = \begin{cases} (3 + M_{dB}/20) \text{ dB} & , \text{ for } 0 \leq M_{dB} \leq 60 \text{ dB} \\ 6 \text{ dB} & , \text{ for } M_{dB} > 60 \text{ dB} \end{cases} \quad (4)$$

Where:  $d_{dB}$  deviation from Reference data,  $V_{dB}$  variant spot check level, and  $R_{dB}$  measurement level

## 1.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3516

| A3516 SPOT CHECK RESULTS     |                 |            |           |                            |         |                          |                                         |                                         |            |        |         |
|------------------------------|-----------------|------------|-----------|----------------------------|---------|--------------------------|-----------------------------------------|-----------------------------------------|------------|--------|---------|
| Equipment Class / Technology | Frequency (GHz) | Mode       | Data Rate | Test Item                  | Channel | Measured Frequency (GHz) | Original Model: A3260                   | Sub Model: A3516                        | Delta (dB) | Margin | Remarks |
|                              |                 |            |           |                            |         |                          | FCC ID : BCG-E8948A<br>IC : 579C-E8948A | FCC ID : BCG-E8954A<br>IC : 579C-E8954A |            |        |         |
| DTS / HDR                    | 2.4             | HP (TXBF)  | HDR8      | Output Power (dBm)         | Low     | Fundamental              | 19.07                                   | 18.97                                   | -0.10      | -10.93 | Note 1  |
|                              |                 | HP (TXBF)  | HDR8      | Radiated Bandedge (dBuV/m) | High    | Horizontal High Bandedge | 50.65                                   | 51.04                                   | 0.39       | -3.35  | Note 1  |
|                              |                 | Worst Case | CW        | RSE (dBuV/m)               | Mid     | 30-1000MHz (37.482 MHz)  | 29.60                                   | 28.39                                   | -1.21      | -10.40 | Note 1  |

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

## 1.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3517

| A3517 SPOT CHECK RESULTS     |                 |            |           |                            |         |                          |                                         |                                         |            |        |         |
|------------------------------|-----------------|------------|-----------|----------------------------|---------|--------------------------|-----------------------------------------|-----------------------------------------|------------|--------|---------|
| Equipment Class / Technology | Frequency (GHz) | Mode       | Data Rate | Test Item                  | Channel | Measured Frequency (GHz) | Original Model: A3260                   | Sub Model: A3517                        | Delta (dB) | Margin | Remarks |
|                              |                 |            |           |                            |         |                          | FCC ID : BCG-E8948A<br>IC : 579C-E8948A | FCC ID : BCG-E8955A<br>IC : 579C-E8955A |            |        |         |
| DTS / HDR                    | 2.4             | HP (TXBF)  | HDR8      | Output Power (dBm)         | Low     | Fundamental              | 19.07                                   | 19.01                                   | -0.06      | -10.93 | Note 1  |
|                              |                 | HP (TXBF)  | HDR8      | Radiated Bandedge (dBuV/m) | High    | Horizontal High Bandedge | 50.65                                   | 51.27                                   | 0.62       | -3.35  | Note 1  |
|                              |                 | Worst Case | CW        | RSE (dBuV/m)               | Mid     | 30-1000MHz (37.482MHz)   | 29.60                                   | 28.80                                   | -0.80      | -10.40 | Note 1  |

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

## 1.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3518

| A3518 SPOT CHECK RESULTS     |                 |            |           |                            |         |                          |                                         |                                         |            |        |         |
|------------------------------|-----------------|------------|-----------|----------------------------|---------|--------------------------|-----------------------------------------|-----------------------------------------|------------|--------|---------|
| Equipment Class / Technology | Frequency (GHz) | Mode       | Data Rate | Test Item                  | Channel | Measured Frequency (GHz) | Original Model: A3260                   | Sub Model: A3518                        | Delta (dB) | Margin | Remarks |
|                              |                 |            |           |                            |         |                          | FCC ID : BCG-E8948A<br>IC : 579C-E8948A | FCC ID : BCG-E8956A<br>IC : 579C-E8956A |            |        |         |
| DTS / HDR                    | 2.4             | HP (TXBF)  | HDR8      | Output Power (dBm)         | Low     | Fundamental              | 19.07                                   | 18.93                                   | -0.14      | -10.93 | Note 1  |
|                              |                 | HP (TXBF)  | HDR8      | Radiated Bandedge (dBuV/m) | High    | Horizontal High Bandedge | 50.65                                   | 50.79                                   | 0.14       | -3.35  | Note 1  |
|                              |                 | Worst Case | CW        | RSE (dBuV/m)               | Mid     | 30-1000MHz (37.482 MHz)  | 29.60                                   | 28.45                                   | -1.15      | -10.40 | Note 1  |

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.