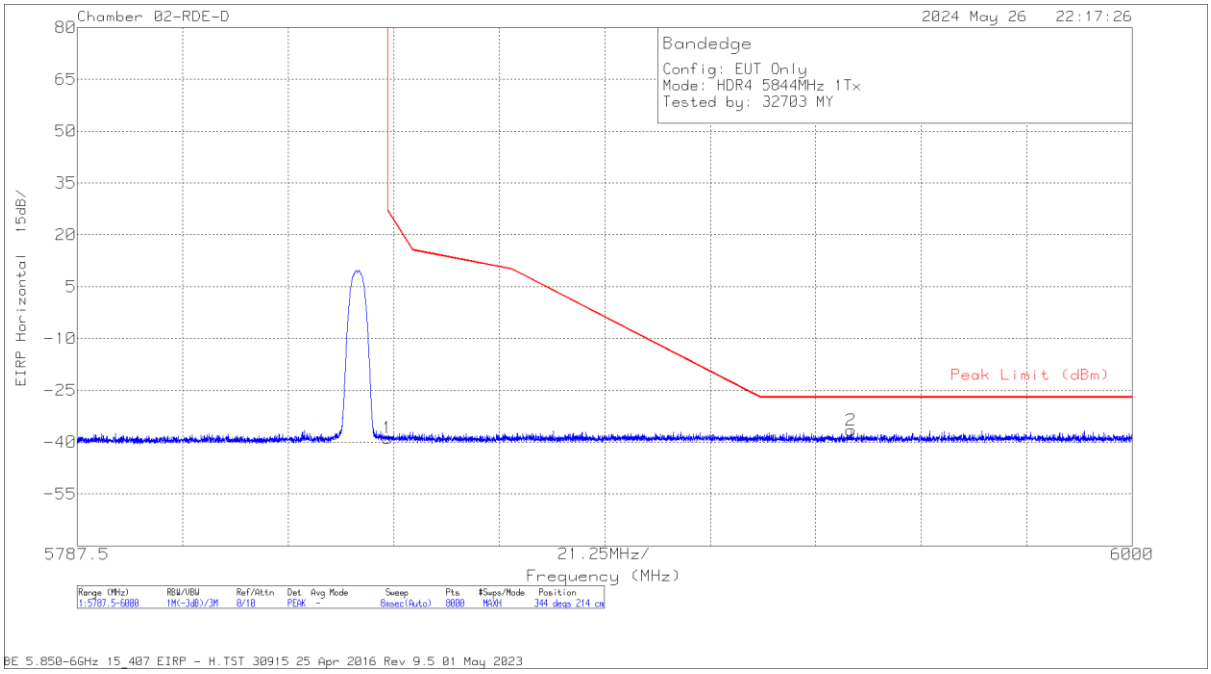
# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.93 | Pk | 35 | -15.7 | 11.8 | -38.83 | 27 | -65.83 | 344 | 214 | H |
| 2 | 5943.363 | -67.98 | Pk | 35.2 | -15.6 | 11.8 | -36.58 | -27 | -9.58 | 344 | 214 | H |

Pk - Peak detector



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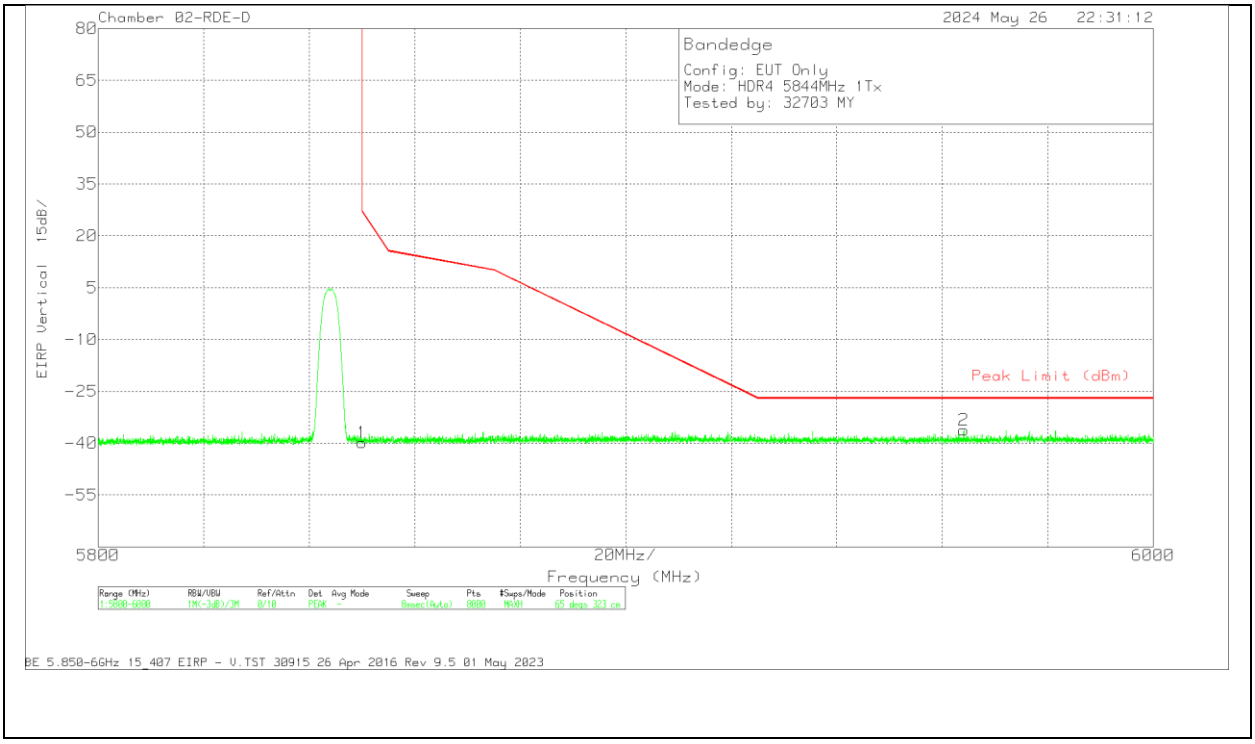
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.92 | Pk | 35 | -15.7 | 11.8 | -39.82 | 27 | -66.82 | 65 | 323 | V |
| 2 | 5964.07 | -67.39 | Pk | 35.2 | -15.8 | 11.8 | -36.19 | -27 | -9.19 | 65 | 323 | V |

Pk - Peak detector



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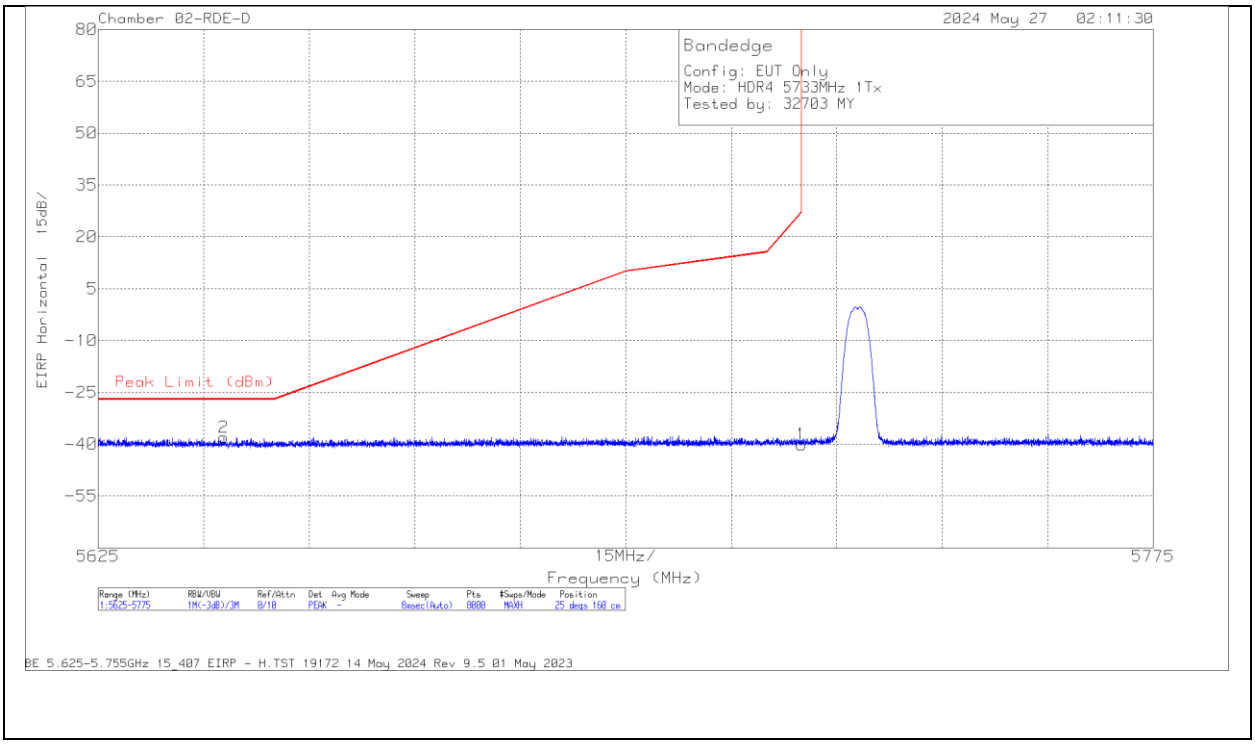
**ANT 5**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5642.833 | -68.42 | Pk | 34.4 | -15.8 | 11.8 | -38.02 | -27 | -11.02 | 25 | 160 | H |
| 1 | 5725 | -70.56 | Pk | 34.6 | -15.9 | 11.8 | -40.06 | 27 | -67.06 | 25 | 160 | H |

Pk - Peak detector



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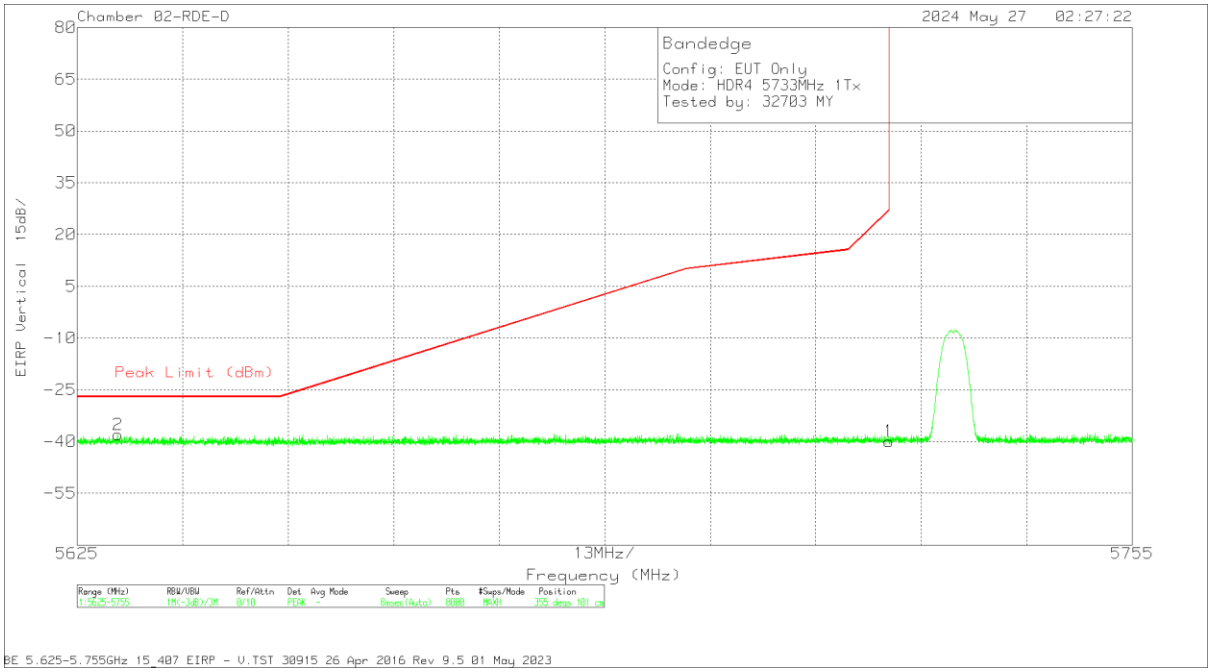
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5630.022 | -68.52 | Pk | 34.4 | -15.7 | 11.8 | -38.02 | -27 | -11.02 | 355 | 101 | V |
| 1 | 5725 | -70.49 | Pk | 34.6 | -15.9 | 11.8 | -39.99 | 27 | -66.99 | 355 | 101 | V |

Pk - Peak detector



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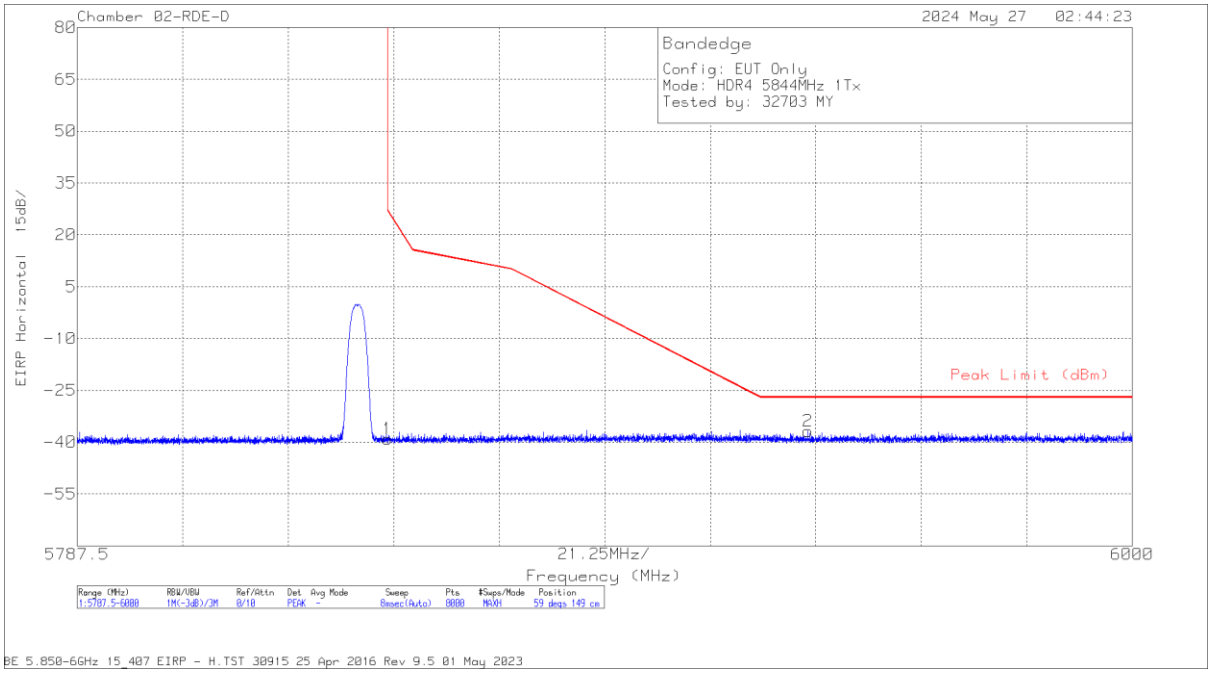
# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.19 | Pk | 35 | -15.7 | 11.8 | -39.09 | 27 | -66.09 | 59 | 149 | H |
| 2 | 5934.649 | -68.1 | Pk | 35.2 | -15.7 | 11.8 | -36.8 | -27 | -9.8 | 59 | 149 | H |

Pk - Peak detector



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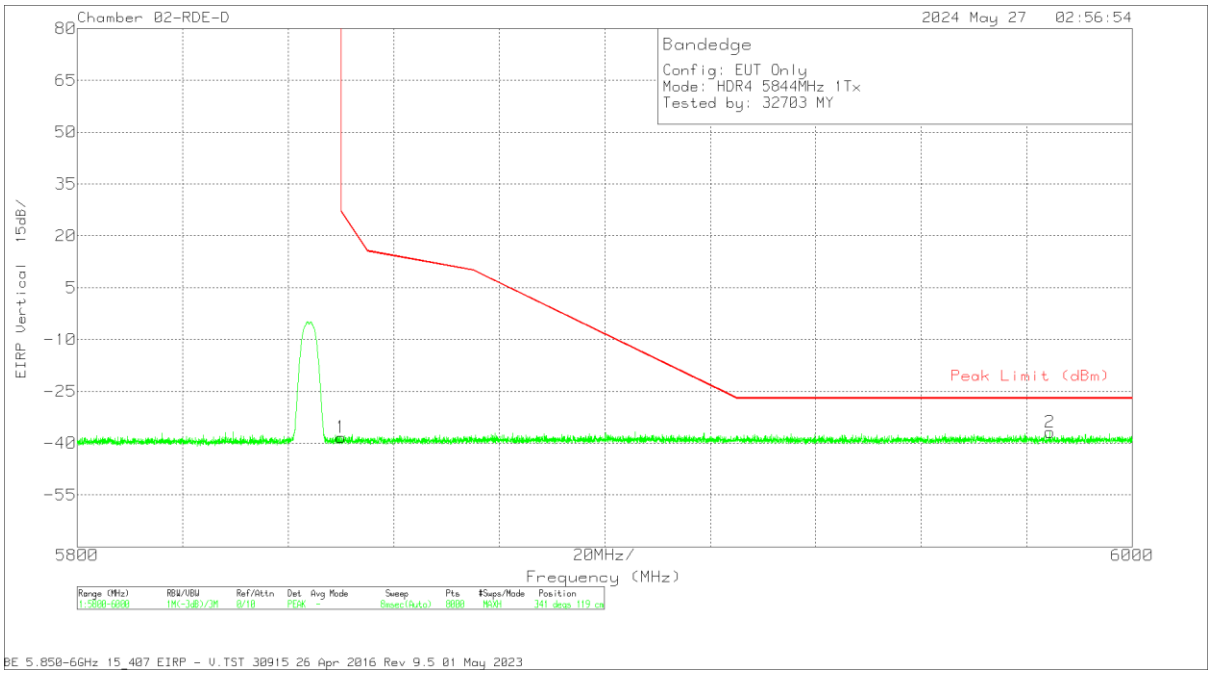
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.4 | Pk | 35 | -15.7 | 11.8 | -38.3 | 27 | -65.3 | 341 | 119 | V |
| 2 | 5984.397 | -67.98 | Pk | 35.3 | -15.9 | 11.8 | -36.78 | -27 | -9.78 | 341 | 119 | V |

Pk - Peak detector



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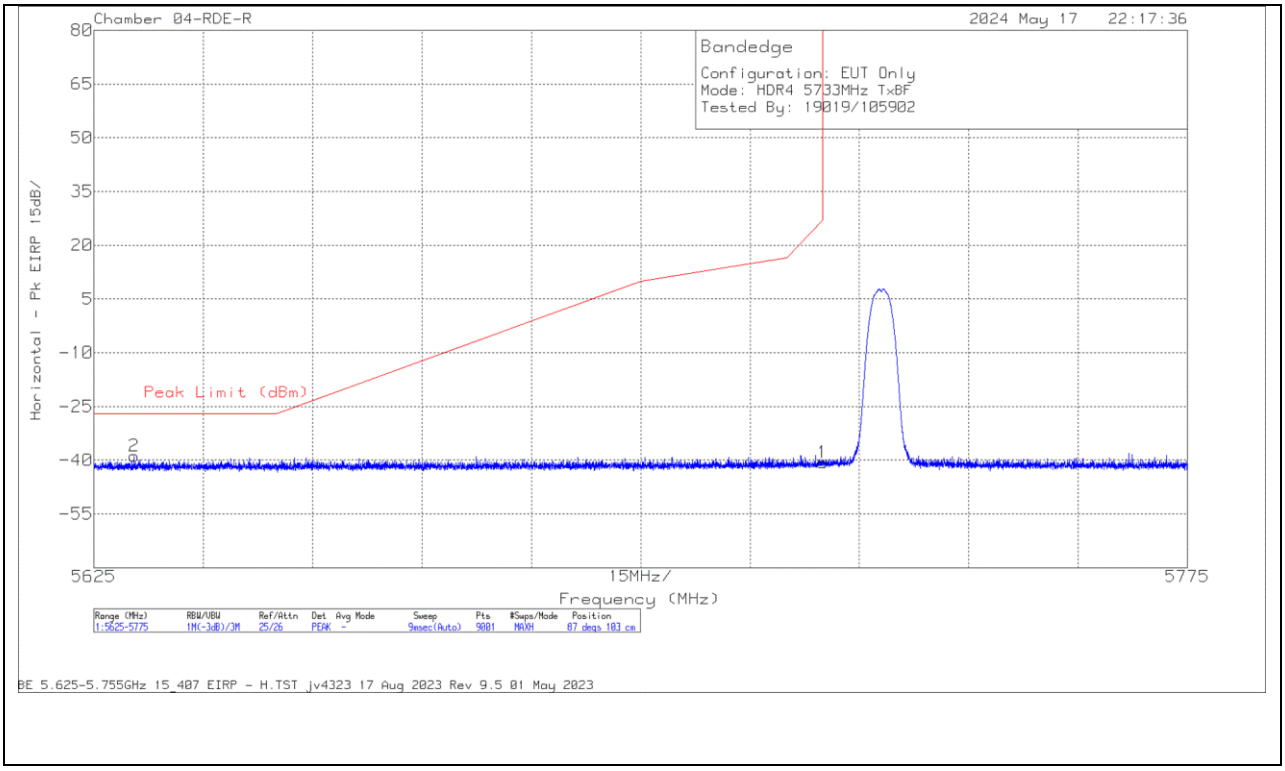
**2TX Antenna 6 + Antenna 5 TX BF MODE**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5630.517 | -48.54 | Pk | 34.8 | 11.8 | -36.93 | -38.87 | -27 | -11.87 | 87 | 103 | H |
| 1 | 5725 | -50.52 | Pk | 34.9 | 11.8 | -36.86 | -40.68 | 27 | -67.68 | 87 | 103 | H |

Pk - Peak detector



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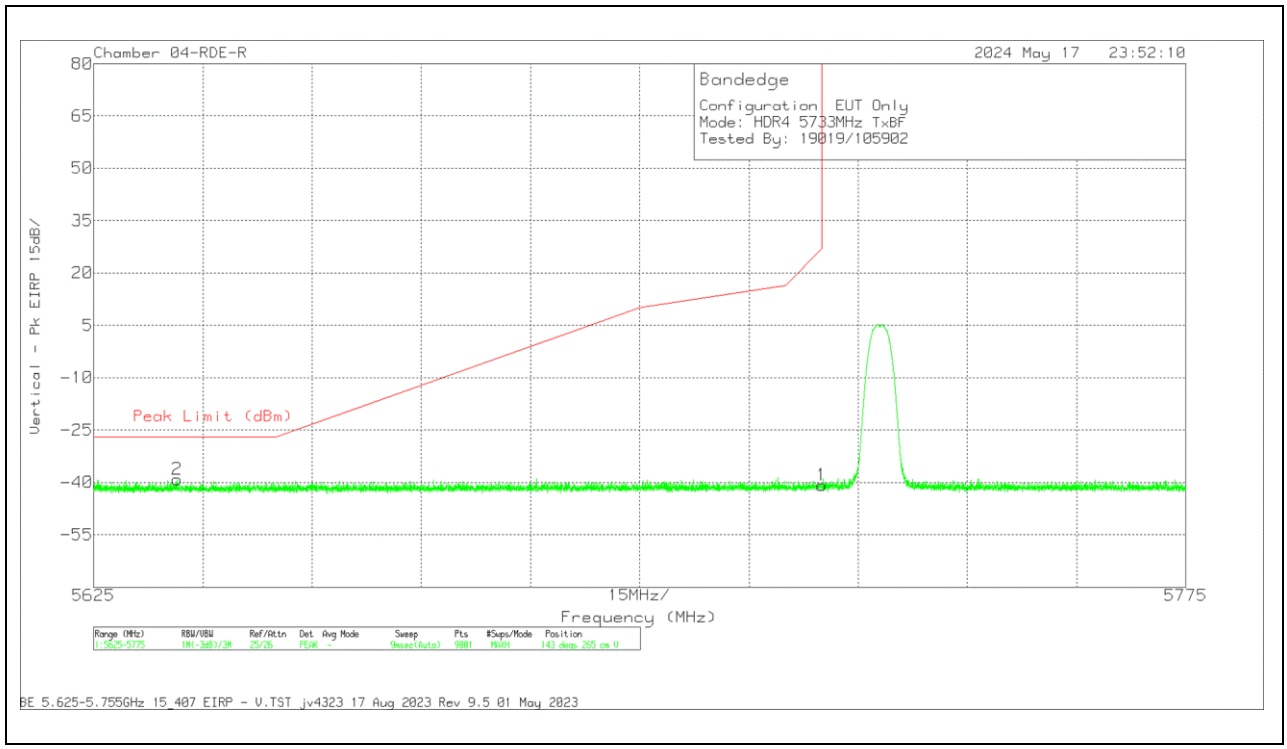
# VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5636.5 | -48.85 | Pk | 34.8 | 11.8 | -36.94 | -39.19 | -27 | -12.19 | 143 | 265 | V |
| 1 | 5725 | -50.63 | Pk | 34.9 | 11.8 | -36.86 | -40.79 | 27 | -67.79 | 143 | 265 | V |

Pk - Peak detector



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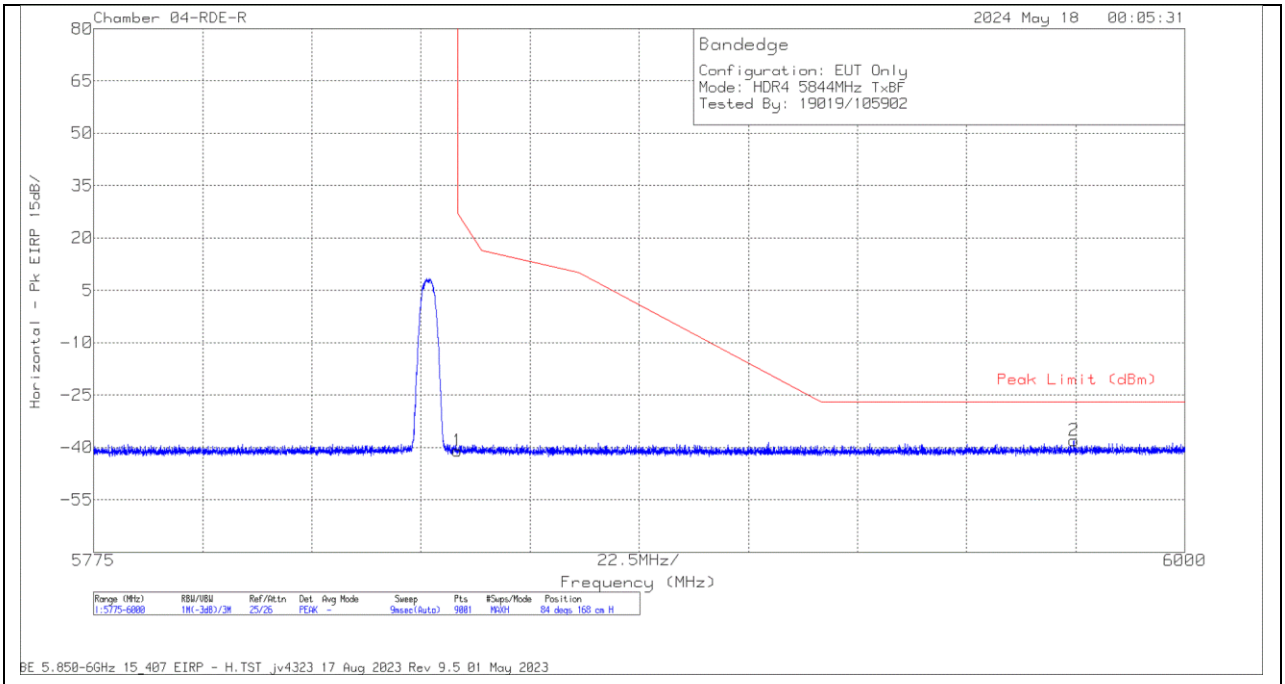
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -51.22 | Pk | 35.1 | 11.8 | -36.73 | -41.05 | 27 | -68.05 | 84 | 168 | H |
| 2 | 5977.15 | -48.42 | Pk | 35.2 | 11.8 | -36.64 | -38.06 | -27 | -11.06 | 84 | 168 | H |

Pk - Peak detector



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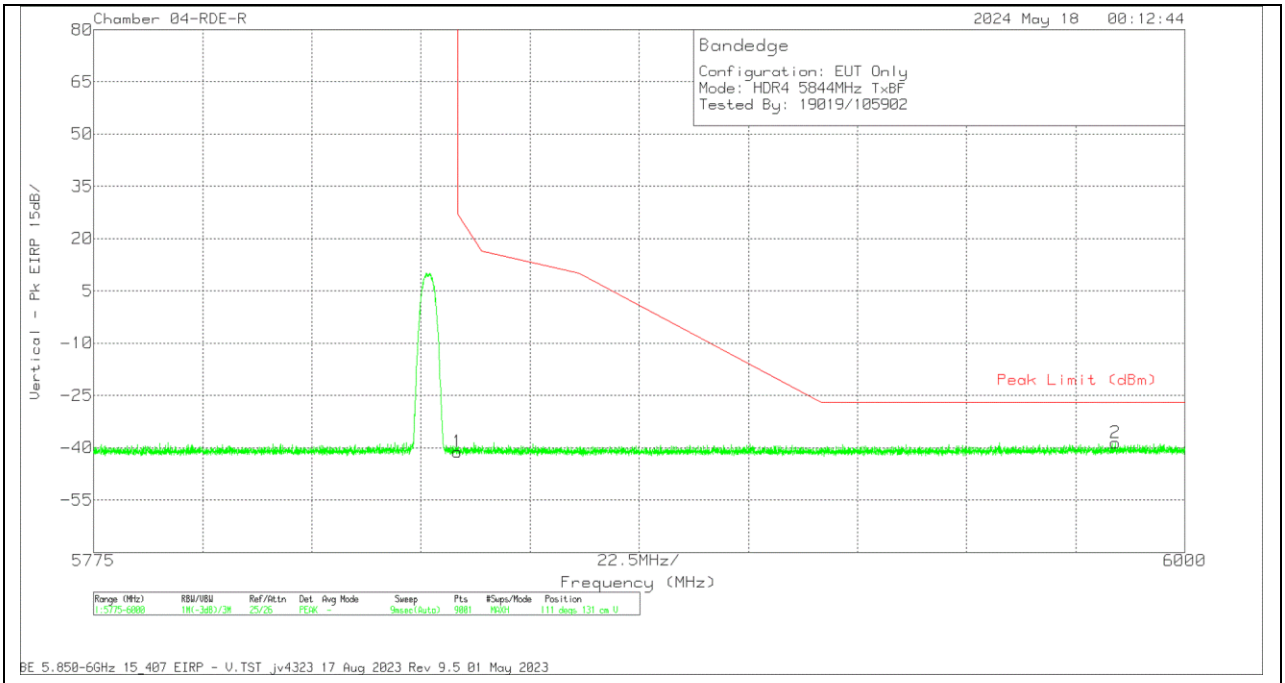
# VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -51.34 | Pk | 35.1 | 11.8 | -36.73 | -41.17 | 27 | -68.17 | 111 | 131 | V |
| 2 | 5985.675 | -48.89 | Pk | 35.2 | 11.8 | -36.64 | -38.53 | -27 | -11.53 | 111 | 131 | V |

Pk - Peak detector



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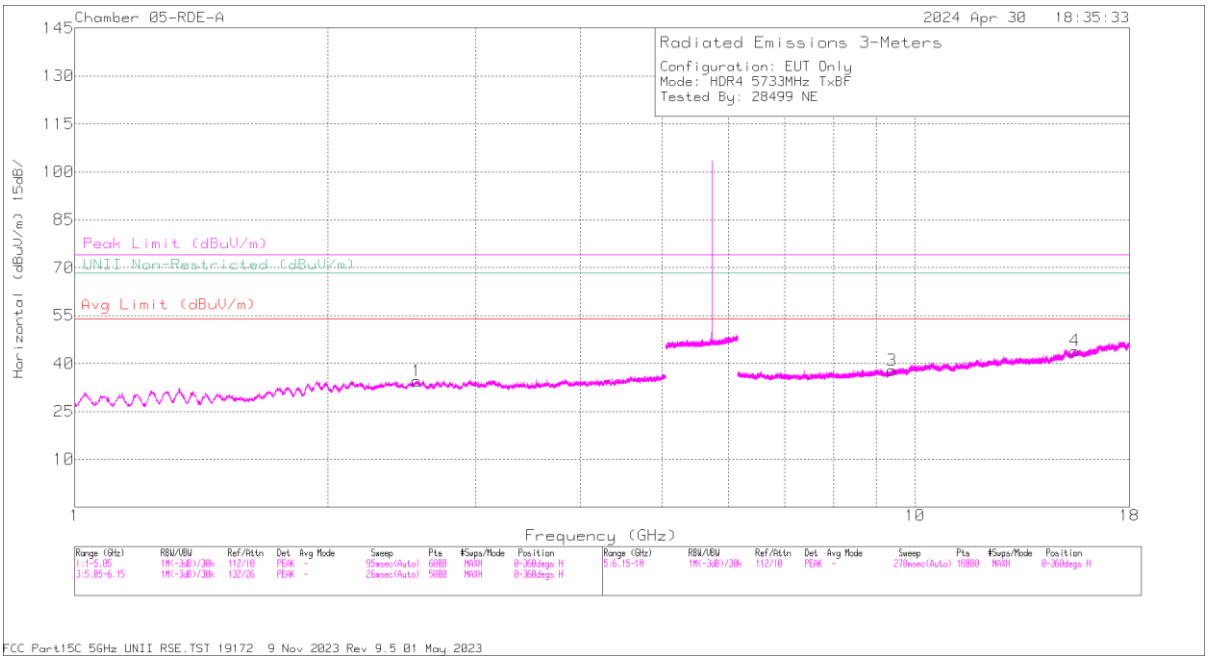
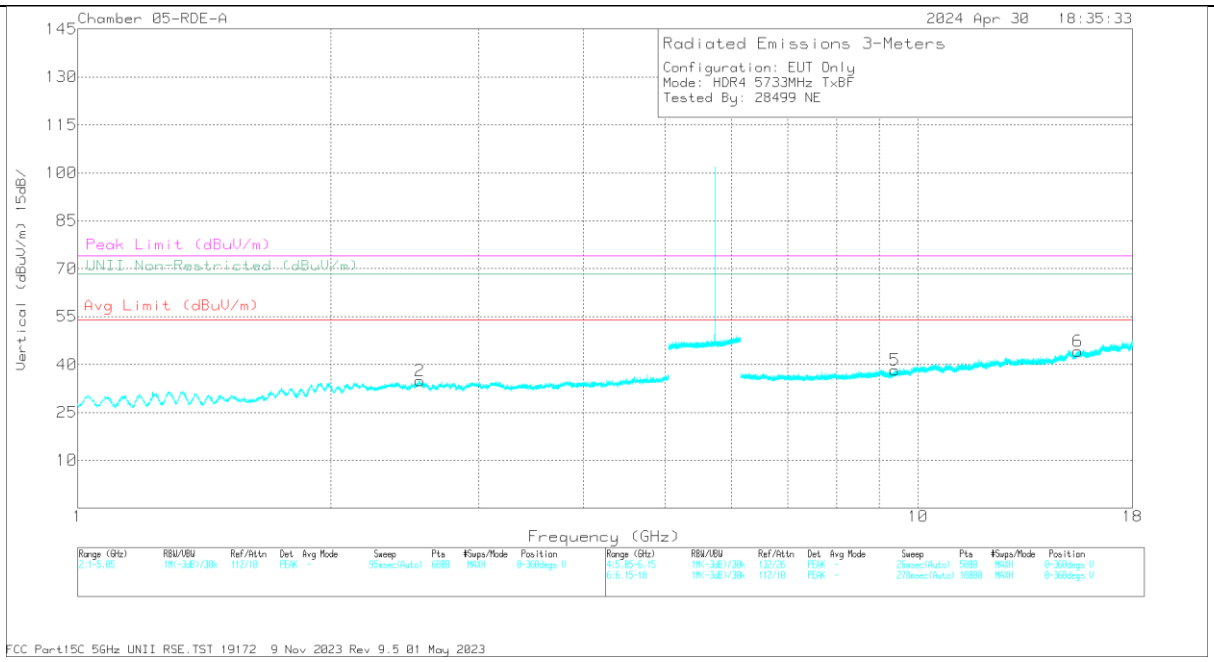
## 10.1.18. HDR4, HIGH POWER UNII-3 HARMONIC AND SPURIOUS IN THE 5.8 GHz BAND

**LOW CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | * 9.386746 | 55.21 | PK-U | 36.3 | -44.63 | 46.88 | - | - | 74 | -27.12 | - | - | 155 | 115 | H |
| 3 | * 9.385932 | 43.87 | ADR | 36.3 | -44.7 | 35.47 | 54 | -18.53 | - | - | - | - | 155 | 115 | H |
| 4 | * 15.494731 | 52.66 | PK-U | 40.4 | -40 | 53.06 | - | - | 74 | -20.94 | - | - | 248 | 121 | H |
| 4 | * 15.496101 | 41.13 | ADR | 40.4 | -39.9 | 41.63 | 54 | -12.37 | - | - | - | - | 248 | 121 | H |
| 5 | * 9.391225 | 55.73 | PK-U | 36.3 | -44.4 | 47.63 | - | - | 74 | -26.37 | - | - | 91 | 328 | V |
| 5 | * 9.390613 | 43.95 | ADR | 36.3 | -44.44 | 35.81 | 54 | -18.19 | - | - | - | - | 91 | 328 | V |
| 6 | * 15.507476 | 52.21 | PK-U | 40.5 | -39.9 | 52.81 | - | - | 74 | -21.19 | - | - | 343 | 336 | V |
| 6 | * 15.508097 | 40.9 | ADR | 40.5 | -39.89 | 41.51 | 54 | -12.49 | - | - | - | - | 343 | 336 | V |
| 1 | 2.550654 | 60.79 | PK-U | 32.5 | -48.83 | 44.46 | - | - | - | - | 68.2 | -23.74 | 162 | 352 | H |
| 2 | 2.55416 | 60.86 | PK-U | 32.5 | -48.8 | 44.56 | - | - | - | - | 68.2 | -23.64 | 126 | 184 | V |

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



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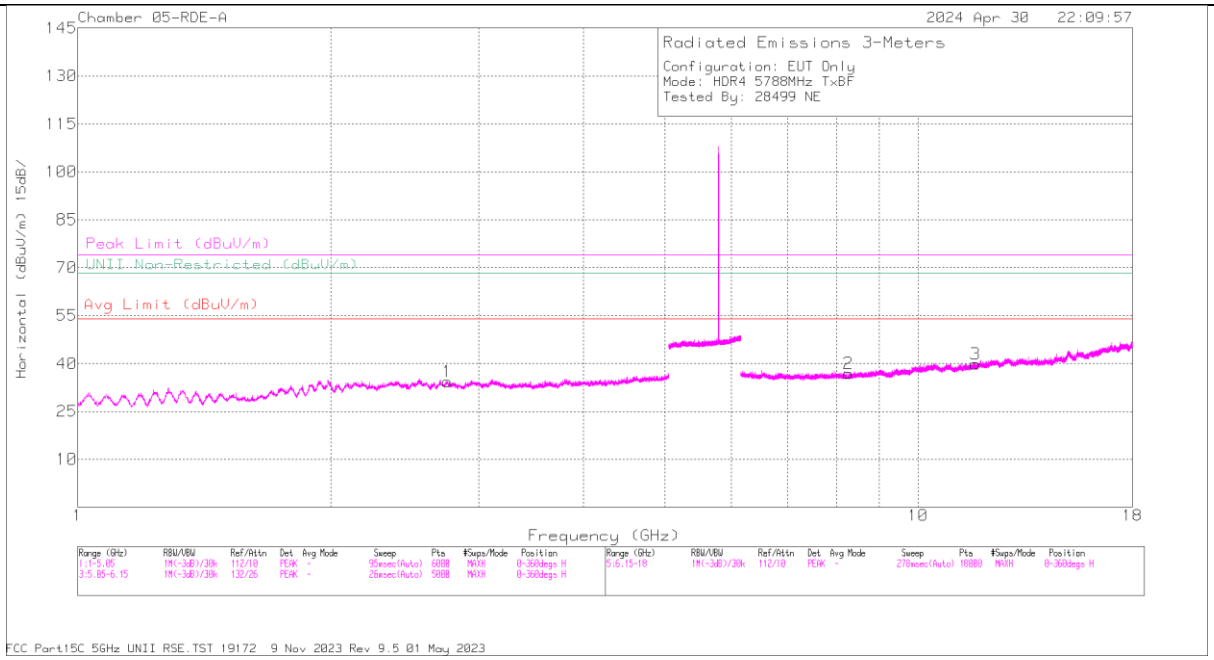
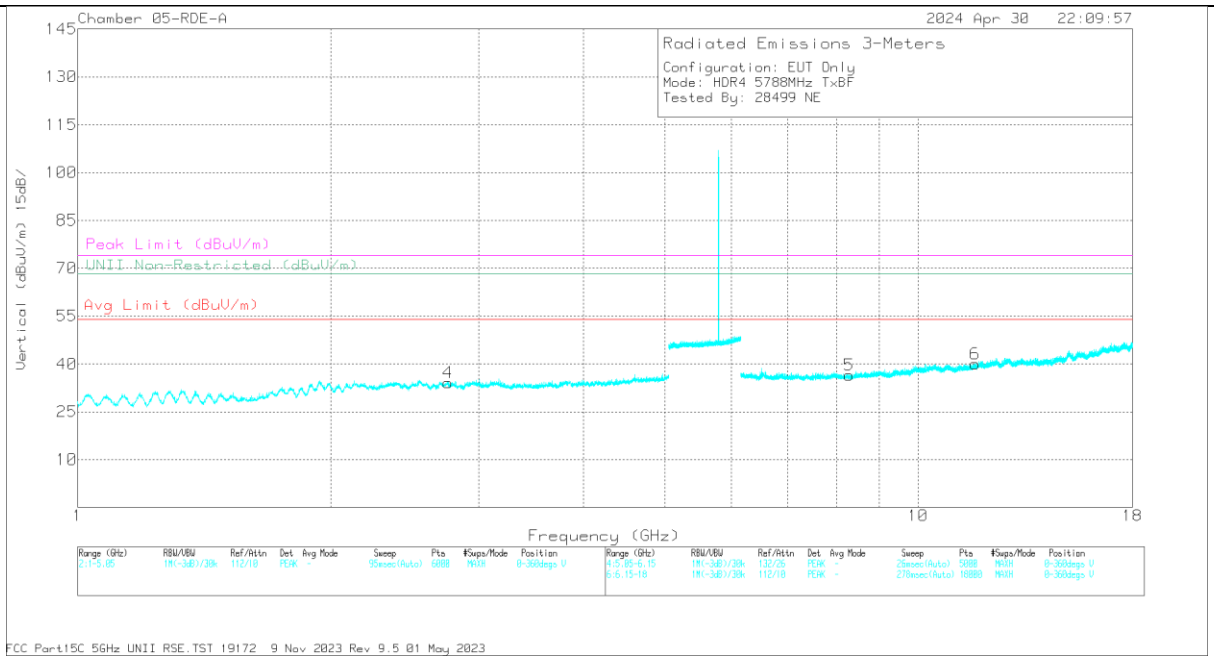
**MID CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 2.755793 | 60.4 | PK-U | 32.3 | -48.2 | 44.5 | - | - | 74 | -29.5 | 159 | 268 | H |
| 1 | * 2.755581 | 48.66 | ADR | 32.3 | -48.2 | 32.76 | 54 | -21.24 | - | - | 159 | 268 | H |
| 4 | * 2.754441 | 60.36 | PK-U | 32.3 | -48.2 | 44.46 | - | - | 74 | -29.54 | 111 | 153 | V |
| 4 | * 2.753967 | 48.52 | ADR | 32.3 | -48.2 | 32.62 | 54 | -21.38 | - | - | 111 | 153 | V |
| 2 | * 8.262713 | 55.56 | PK-U | 36 | -44.6 | 46.96 | - | - | 74 | -27.04 | 336 | 160 | H |
| 2 | * 8.263471 | 43.48 | ADR | 36 | -44.6 | 34.88 | 54 | -19.12 | - | - | 336 | 160 | H |
| 3 | * 11.707053 | 53.12 | PK-U | 38.5 | -42.41 | 49.21 | - | - | 74 | -24.79 | 73 | 156 | H |
| 3 | * 11.707592 | 41.49 | ADR | 38.5 | -42.46 | 37.53 | 54 | -16.47 | - | - | 73 | 156 | H |
| 5 | * 8.279781 | 54.85 | PK-U | 36 | -44.62 | 46.23 | - | - | 74 | -27.77 | 247 | 117 | V |
| 5 | * 8.280695 | 43.35 | ADR | 36 | -44.67 | 34.68 | 54 | -19.32 | - | - | 247 | 117 | V |
| 6 | * 11.69533 | 52.8 | PK-U | 38.5 | -42.2 | 49.1 | - | - | 74 | -24.9 | 65 | 360 | V |
| 6 | * 11.692513 | 41.51 | ADR | 38.5 | -42.25 | 37.76 | 54 | -16.24 | - | - | 65 | 360 | V |

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



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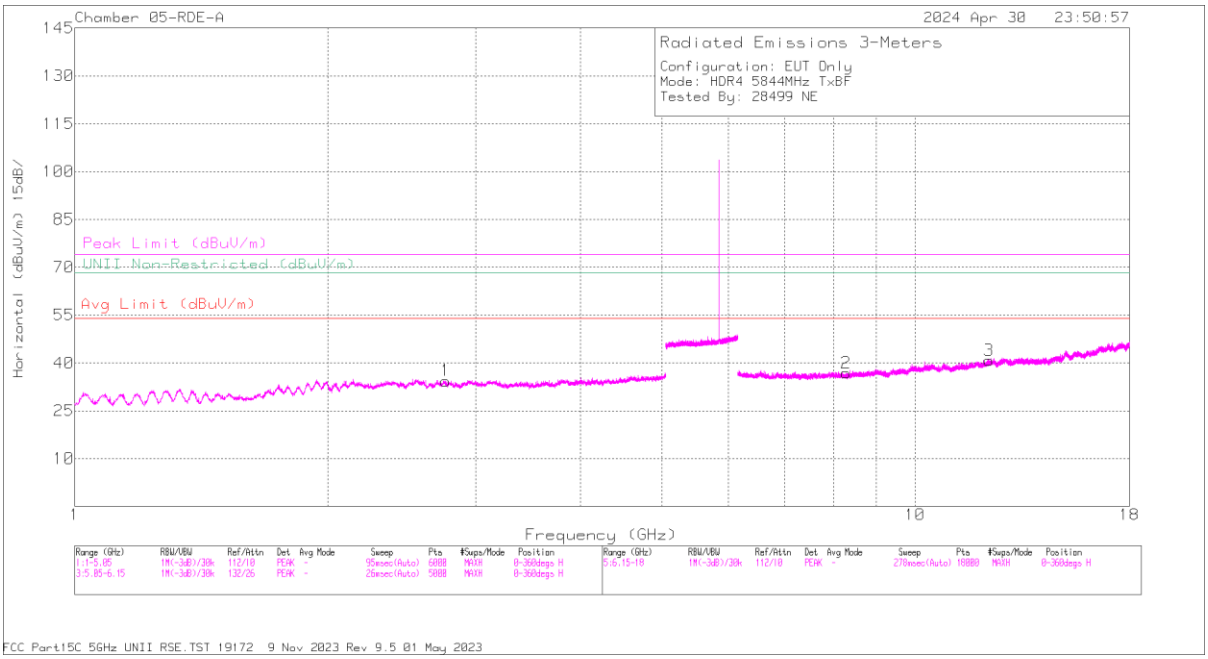
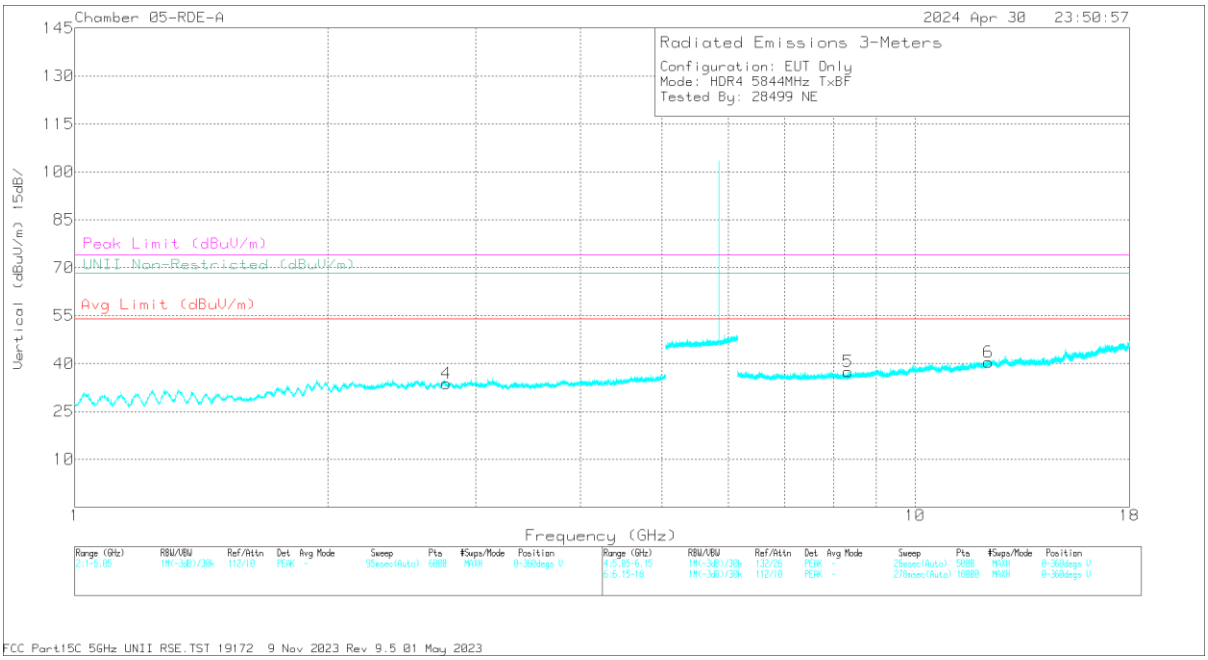
**HIGH CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 2.763958 | 59.97 | PK-U | 32.3 | -48.1 | 44.17 | - | - | 74 | -29.83 | 297 | 267 | H |
| 1 | * 2.764351 | 48.13 | ADR | 32.3 | -48.1 | 32.33 | 54 | -21.67 | - | - | 297 | 267 | H |
| 4 | * 2.765921 | 59.79 | PK-U | 32.3 | -48.1 | 43.99 | - | - | 74 | -30.01 | 319 | 268 | V |
| 4 | * 2.765841 | 48 | ADR | 32.3 | -48.1 | 32.2 | 54 | -21.8 | - | - | 319 | 268 | V |
| 2 | * 8.279903 | 55.69 | PK-U | 36 | -44.61 | 47.08 | - | - | 74 | -26.92 | 352 | 399 | H |
| 2 | * 8.281423 | 43.55 | ADR | 36 | -44.7 | 34.85 | 54 | -19.15 | - | - | 352 | 399 | H |
| 3 | * 12.24456 | 53.15 | PK-U | 38.9 | -42 | 50.05 | - | - | 74 | -23.95 | 149 | 334 | H |
| 3 | * 12.241468 | 41.79 | ADR | 38.9 | -42.1 | 38.59 | 54 | -15.41 | - | - | 149 | 334 | H |
| 5 | * 8.325366 | 54.52 | PK-U | 35.9 | -44.4 | 46.02 | - | - | 74 | -27.98 | 104 | 150 | V |
| 5 | * 8.325405 | 43.39 | ADR | 35.9 | -44.4 | 34.89 | 54 | -19.11 | - | - | 104 | 150 | V |
| 6 | * 12.228991 | 53.22 | PK-U | 38.9 | -42.2 | 49.92 | - | - | 74 | -24.08 | 344 | 392 | V |
| 6 | * 12.227937 | 41.91 | ADR | 38.9 | -42.2 | 38.61 | 54 | -15.39 | - | - | 344 | 392 | V |

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



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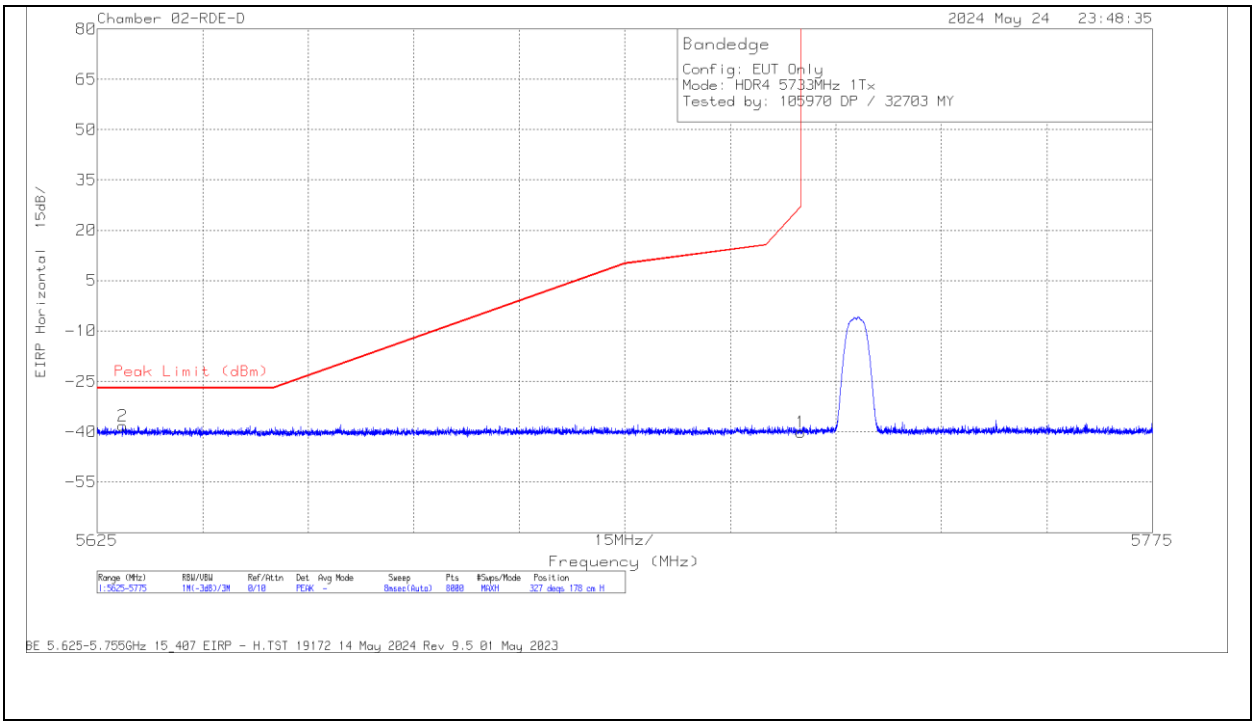
## 10.1.19. HDR4, LOW POWER UNII-3 BANDEDGE

**ANT 6**

## BANDEDGE (LOW CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5628.6 | -68.68 | Pk | 34.4 | -15.7 | 11.8 | -38.18 | -27 | -11.18 | 327 | 178 | H |
| 1 | 5725 | -70.57 | Pk | 34.6 | -15.9 | 11.8 | -40.07 | 27 | -67.07 | 327 | 178 | H |

Pk - Peak detector



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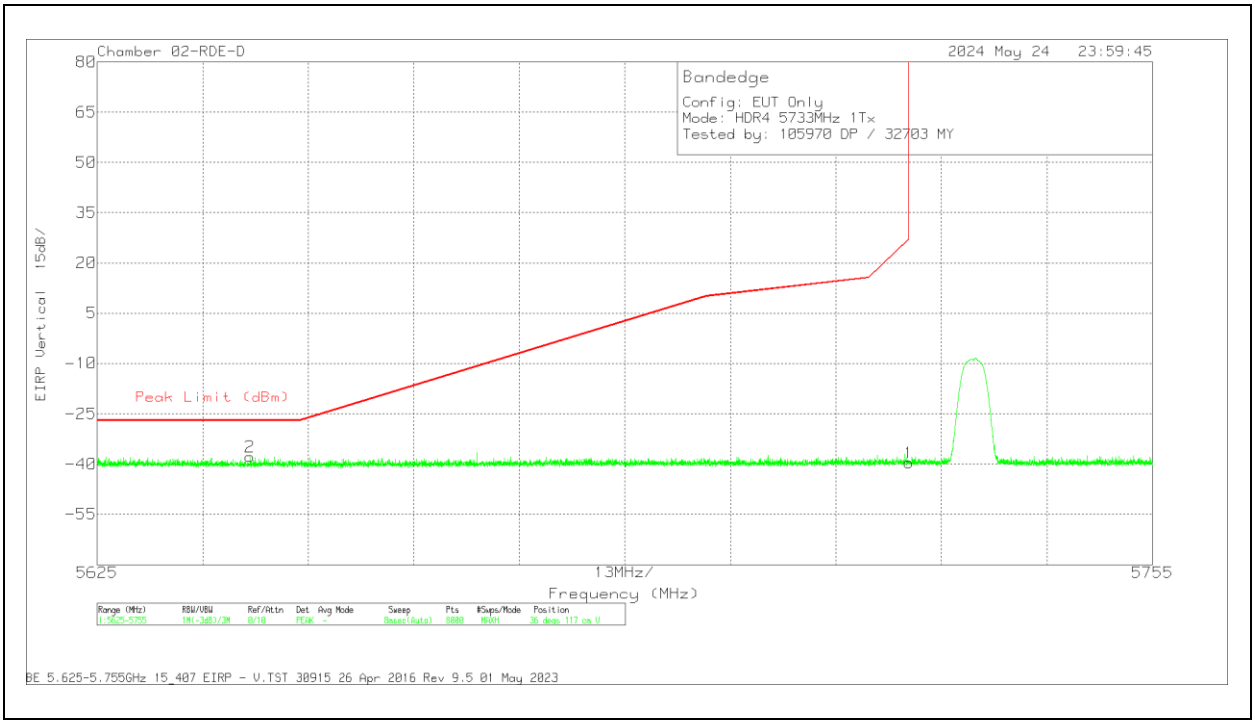
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5643.852 | -68.31 | Pk | 34.4 | -15.7 | 11.8 | -37.81 | -27 | -10.81 | 36 | 117 | V |
| 1 | 5725 | -70.15 | Pk | 34.6 | -15.9 | 11.8 | -39.65 | 27 | -66.65 | 36 | 117 | V |

Pk - Peak detector



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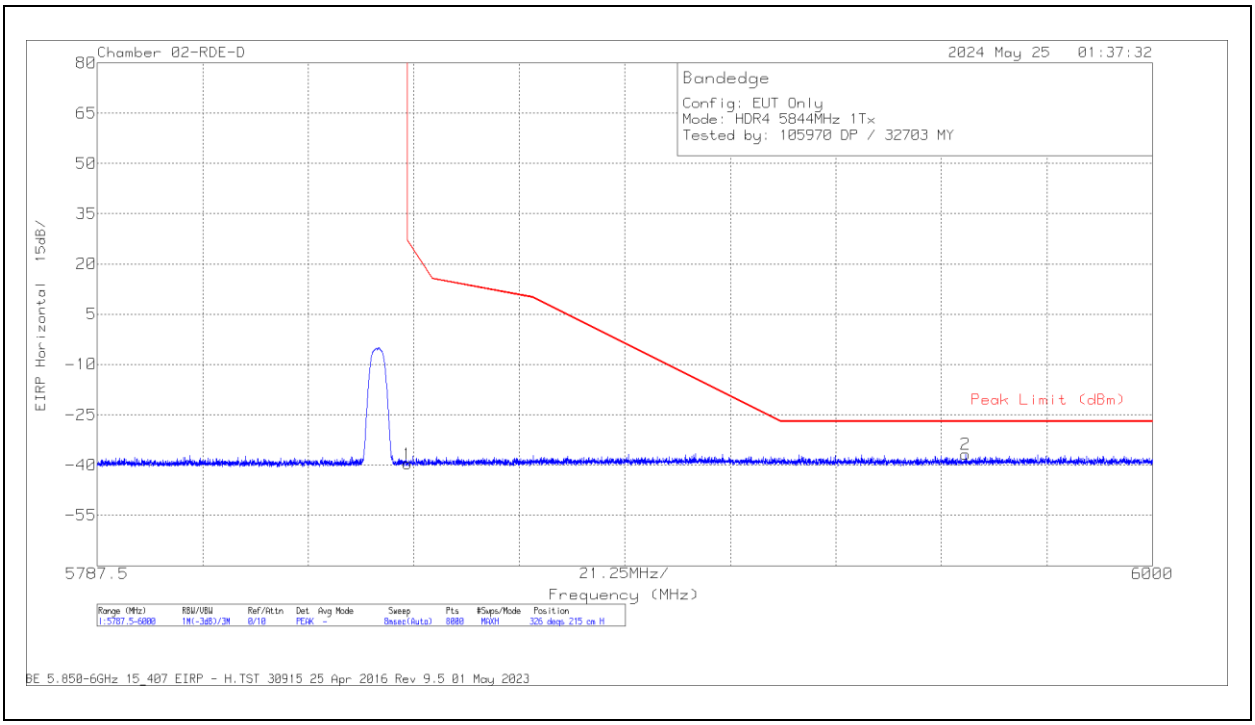
# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.75 | Pk | 35 | -15.7 | 11.8 | -39.65 | 27 | -66.65 | 326 | 215 | H |
| 2 | 5962.357 | -67.92 | Pk | 35.2 | -15.8 | 11.8 | -36.72 | -27 | -9.72 | 326 | 215 | H |

Pk - Peak detector



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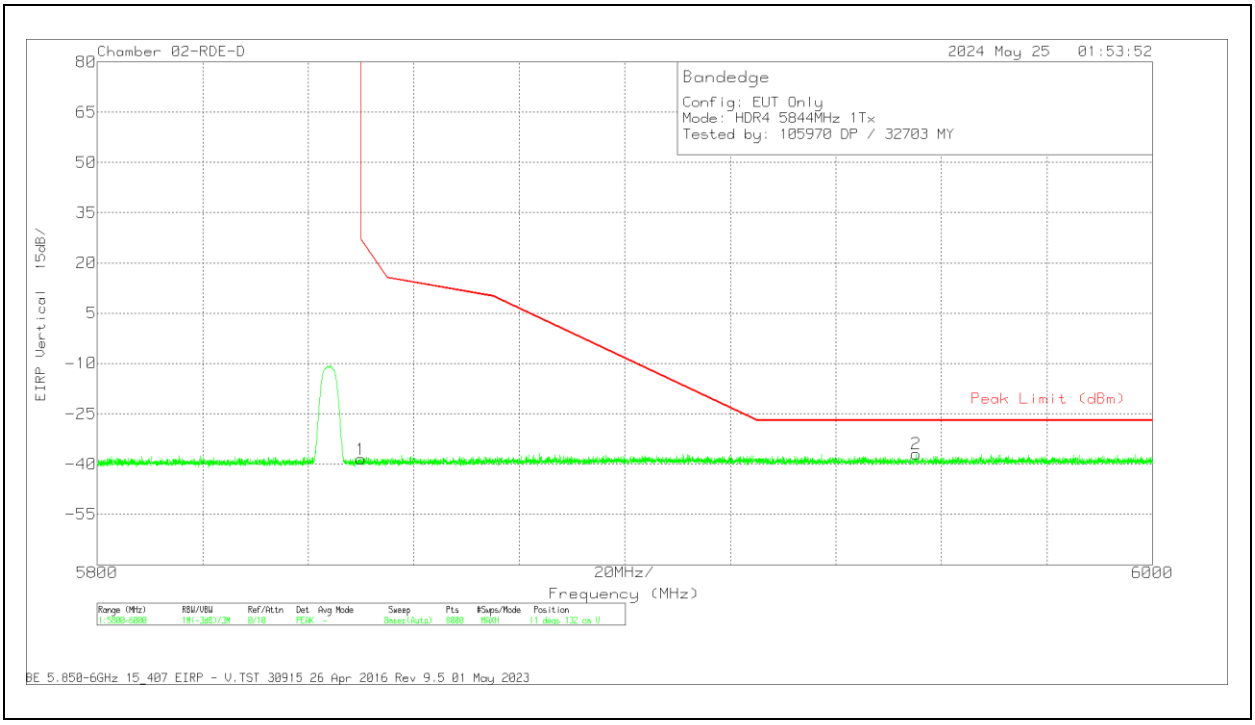
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.65 | Pk | 35 | -15.7 | 11.8 | -38.55 | 27 | -65.55 | 11 | 132 | V |
| 2 | 5955.219 | -68.13 | Pk | 35.2 | -15.8 | 11.8 | -36.93 | -27 | -9.93 | 11 | 132 | V |

Pk - Peak detector



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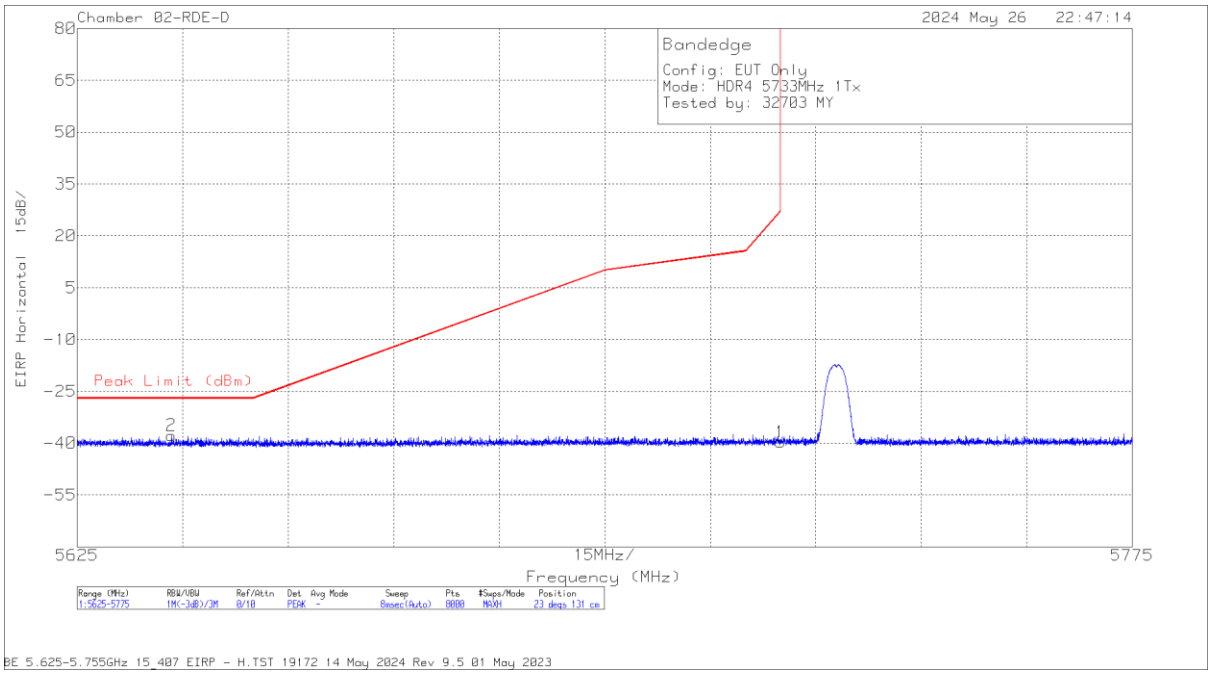
**ANT 5**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5638.408 | -68.15 | Pk | 34.4 | -15.8 | 11.8 | -37.75 | -27 | -10.75 | 23 | 131 | H |
| 1 | 5725 | -70.15 | Pk | 34.6 | -15.9 | 11.8 | -39.65 | 27 | -66.65 | 23 | 131 | H |

Pk - Peak detector



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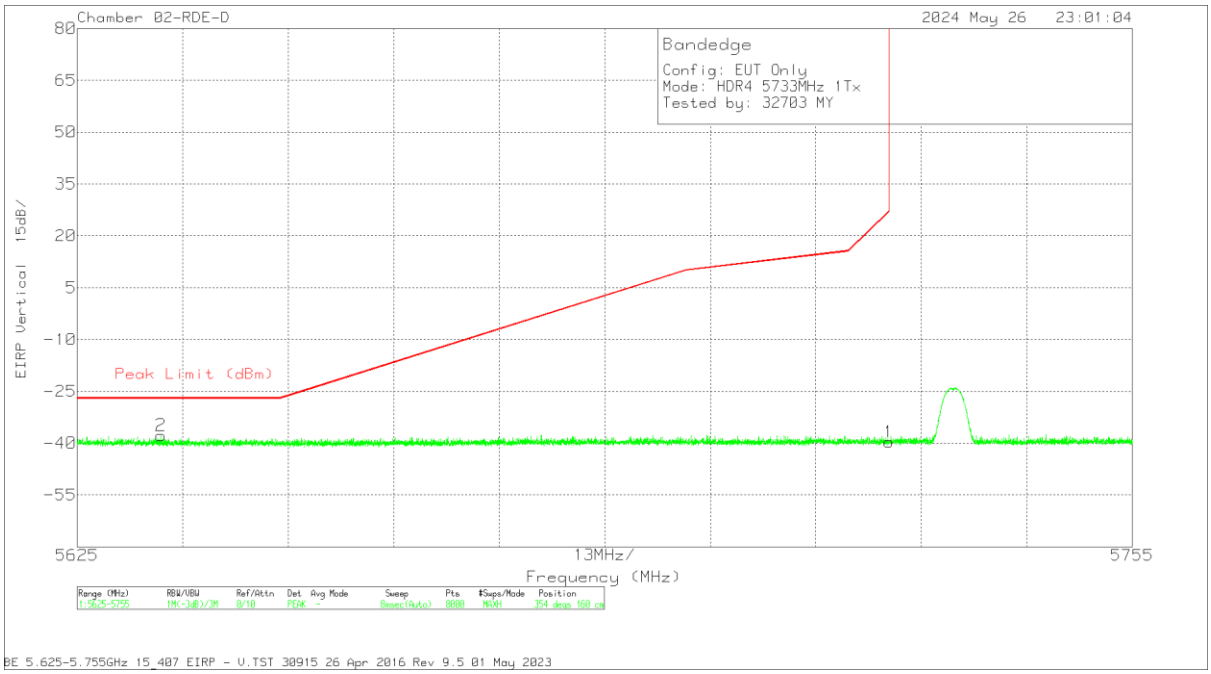
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5635.32 | -68.26 | Pk | 34.4 | -15.7 | 11.8 | -37.76 | -27 | -10.76 | 354 | 160 | V |
| 1 | 5725 | -70.15 | Pk | 34.6 | -15.9 | 11.8 | -39.65 | 27 | -66.65 | 354 | 160 | V |

Pk - Peak detector



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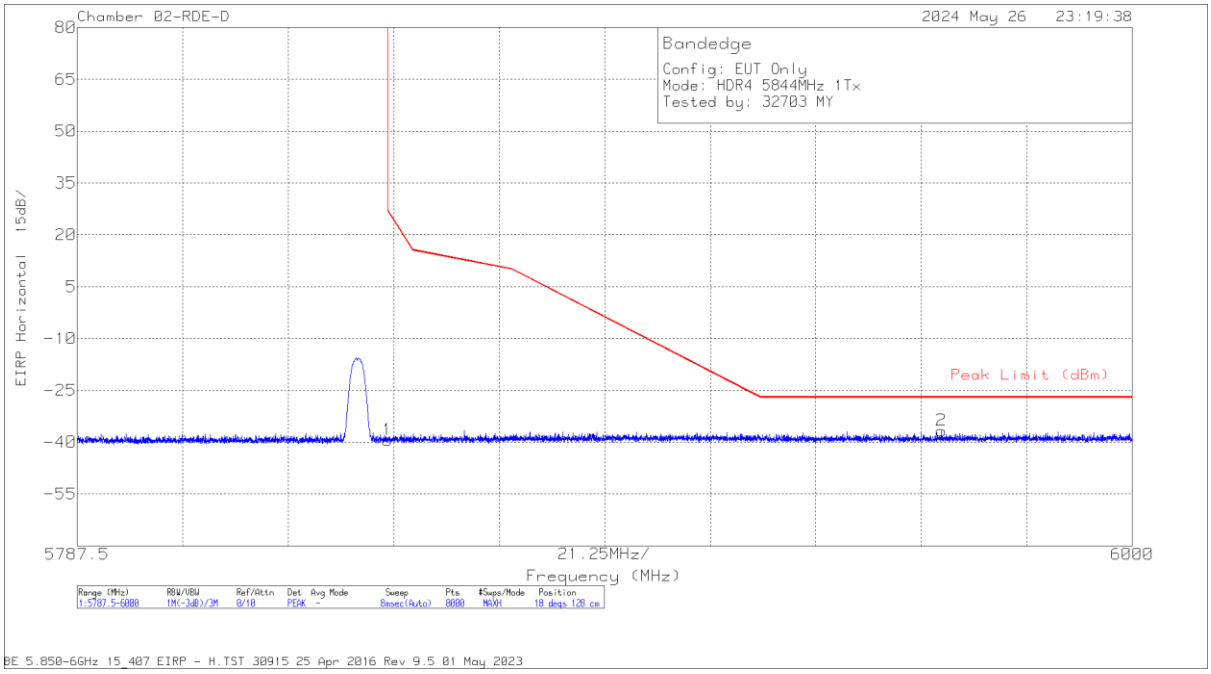
# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.48 | Pk | 35 | -15.7 | 11.8 | -39.38 | 27 | -66.38 | 18 | 128 | H |
| 2 | 5961.56 | -67.85 | Pk | 35.2 | -15.8 | 11.8 | -36.65 | -27 | -9.65 | 18 | 128 | H |

Pk - Peak detector



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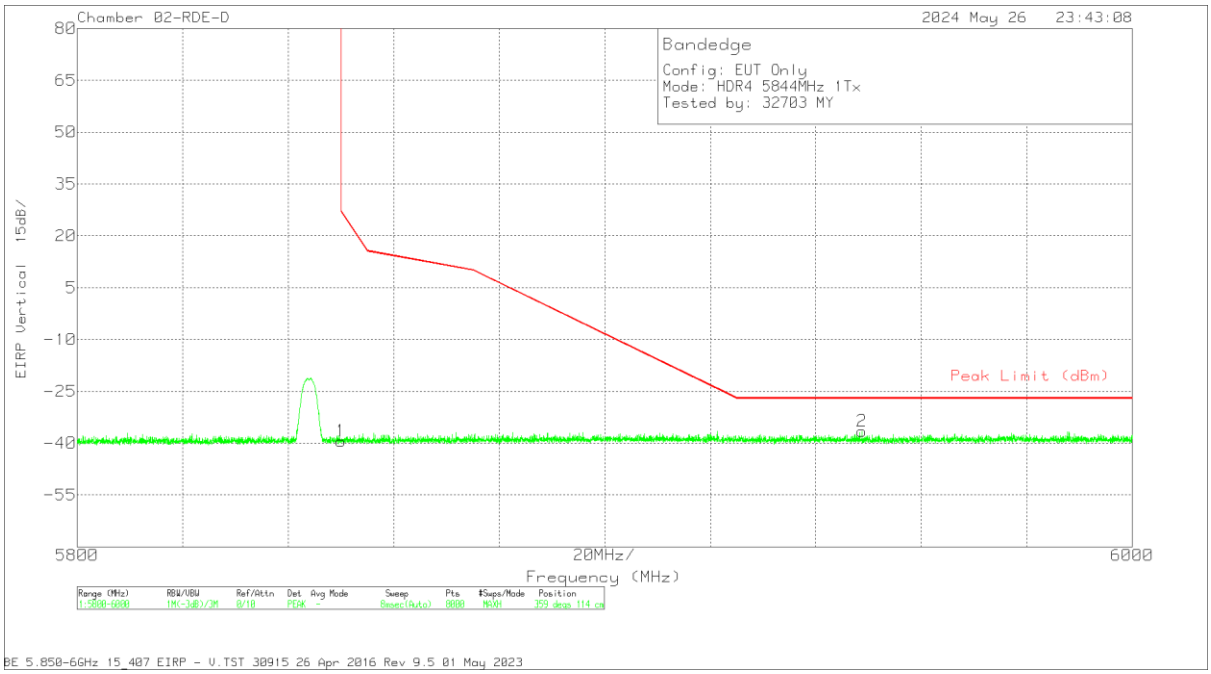
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.54 | Pk | 35 | -15.7 | 11.8 | -39.44 | 27 | -66.44 | 359 | 114 | V |
| 2 | 5948.793 | -67.84 | Pk | 35.2 | -15.7 | 11.8 | -36.54 | -27 | -9.54 | 359 | 114 | V |

Pk - Peak detector



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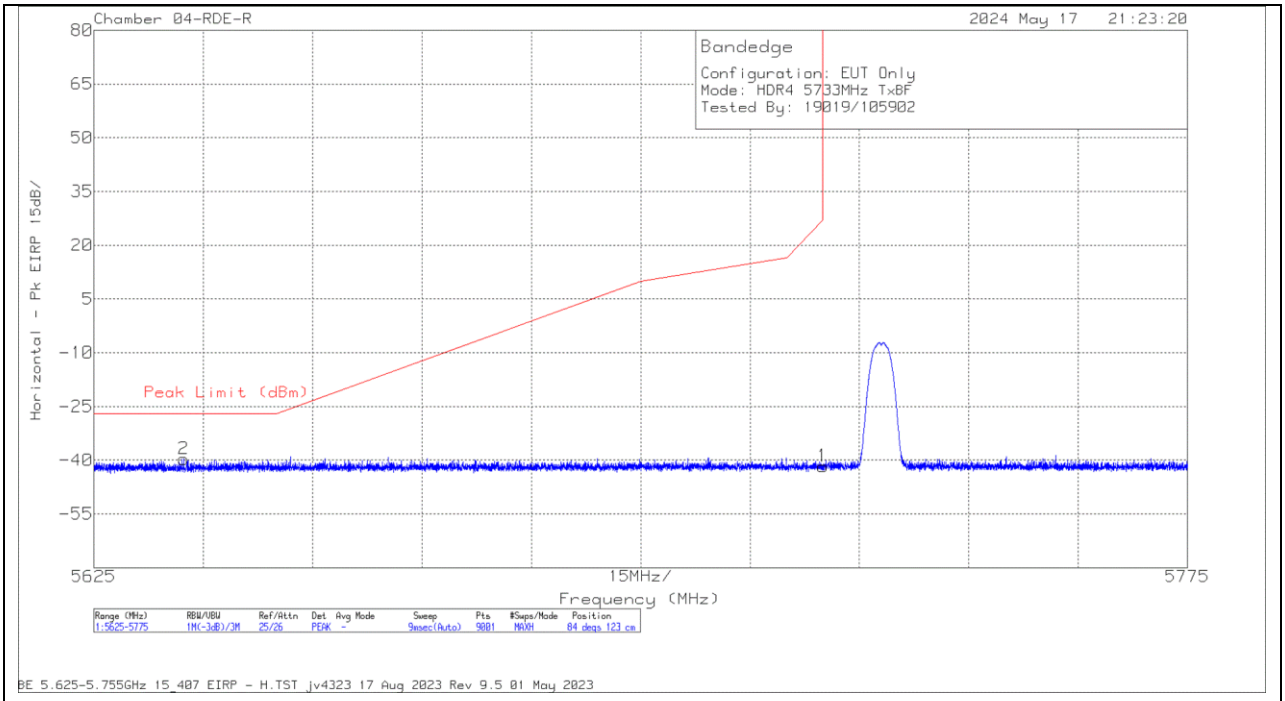
**2TX Antenna 6 + Antenna 5 TX BF MODE**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5637.284 | -49.29 | Pk | 34.8 | 11.8 | -36.95 | -39.64 | -27 | -12.64 | 84 | 123 | H |
| 1 | 5725 | -51.53 | Pk | 34.9 | 11.8 | -36.86 | -41.69 | 27 | -68.69 | 84 | 123 | H |

Pk - Peak detector



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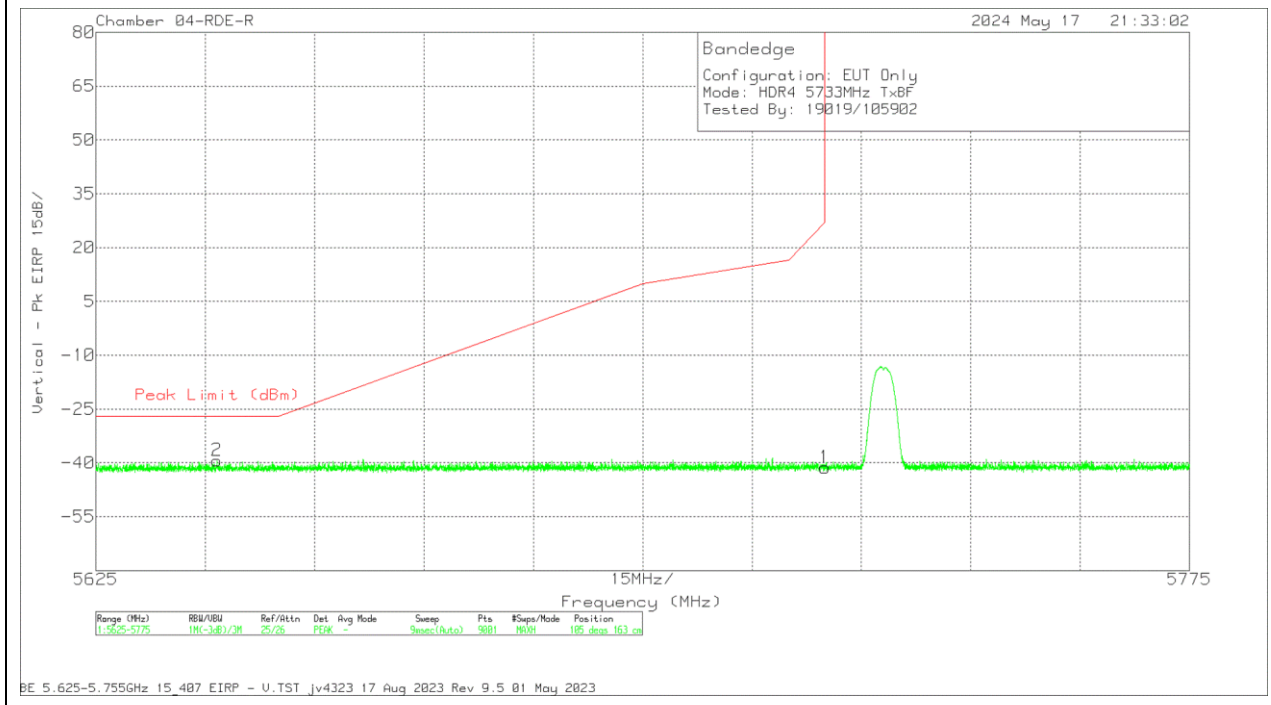
# VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5641.6 | -49.01 | Pk | 34.8 | 11.8 | -36.91 | -39.32 | -27 | -12.32 | 105 | 163 | V |
| 1 | 5725 | -51.09 | Pk | 34.9 | 11.8 | -36.86 | -41.25 | 27 | -68.25 | 105 | 163 | V |

Pk - Peak detector



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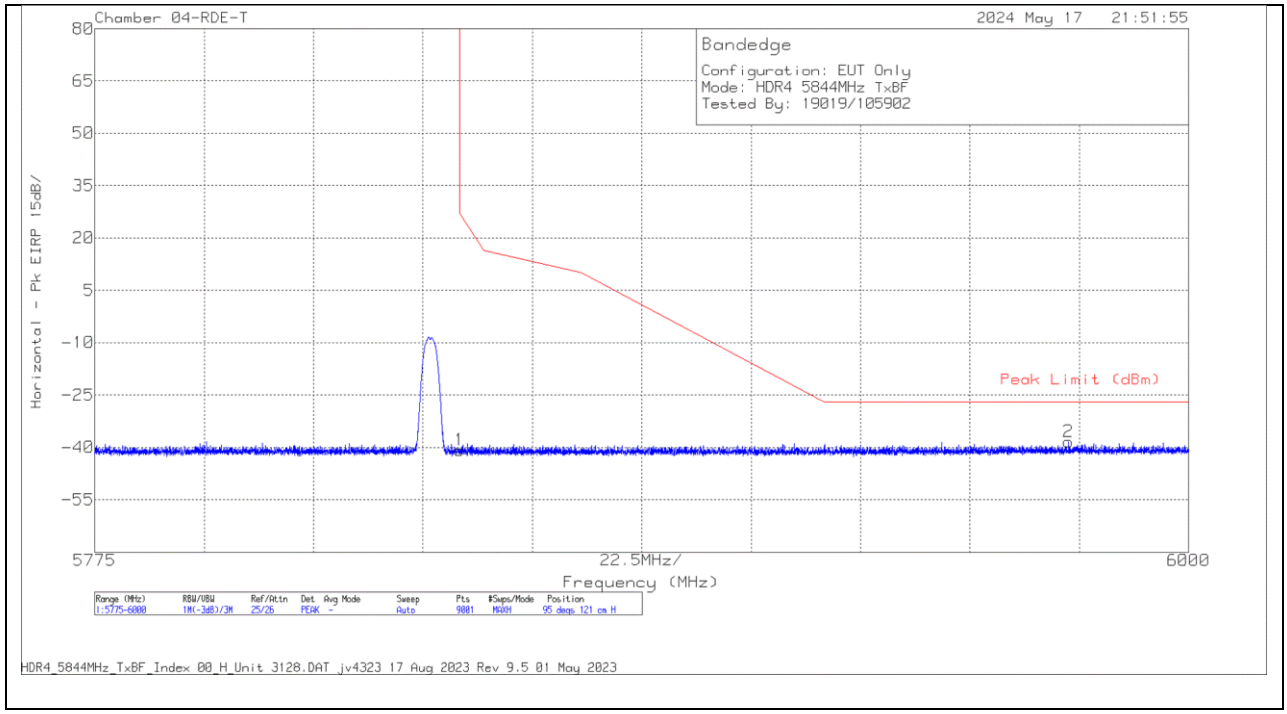
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -50.9 | Pk | 35.1 | 11.8 | -35.39 | -39.39 | 27 | -66.39 | 95 | 121 | H |
| 2 | 5975.3 | -48.76 | Pk | 35.2 | 11.8 | -35.04 | -36.8 | -27 | -9.8 | 95 | 121 | H |

Pk - Peak detector



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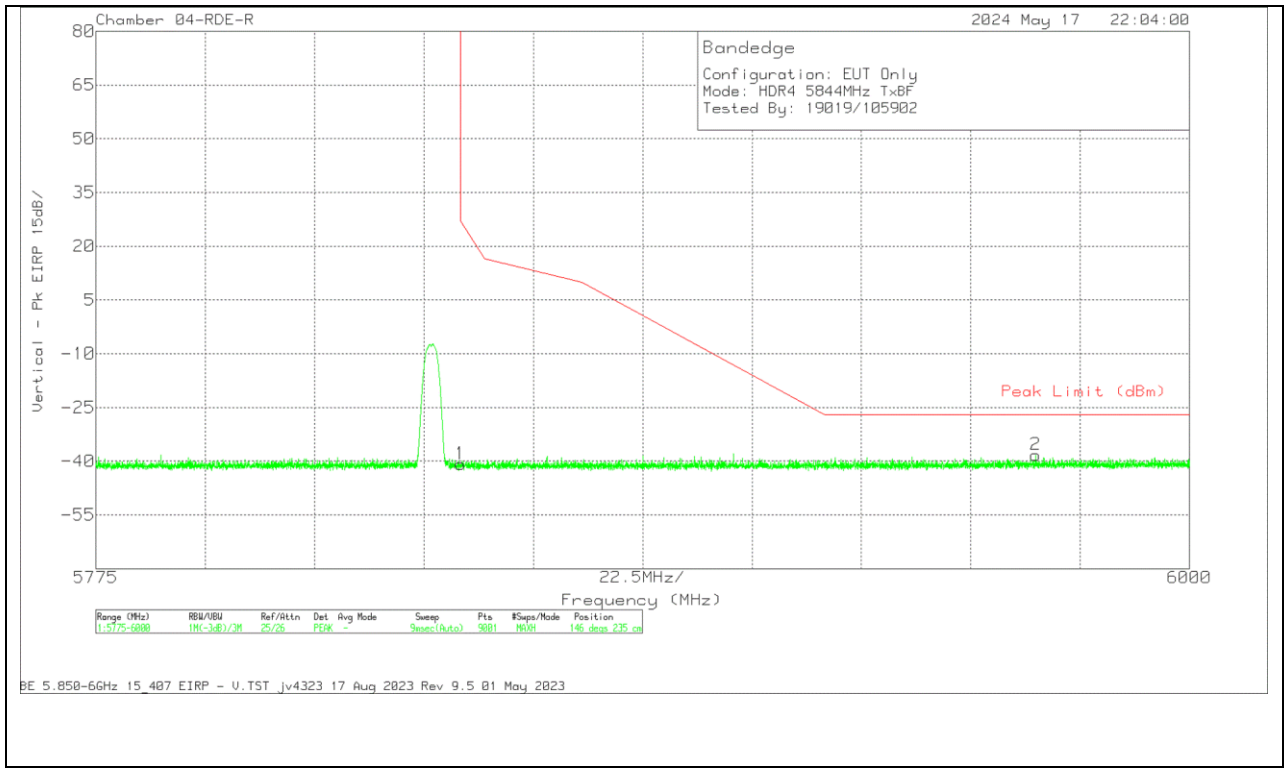
# VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 41112 ACF (dB/m) | Conversion Factor (dB) | Gain/Loss (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -50.96 | Pk | 35.1 | 11.8 | -36.73 | -40.79 | 27 | -67.79 | 146 | 235 | V |
| 2 | 5968.375 | -48.52 | Pk | 35.2 | 11.8 | -36.69 | -38.21 | -27 | -11.21 | 146 | 235 | V |

Pk - Peak detector



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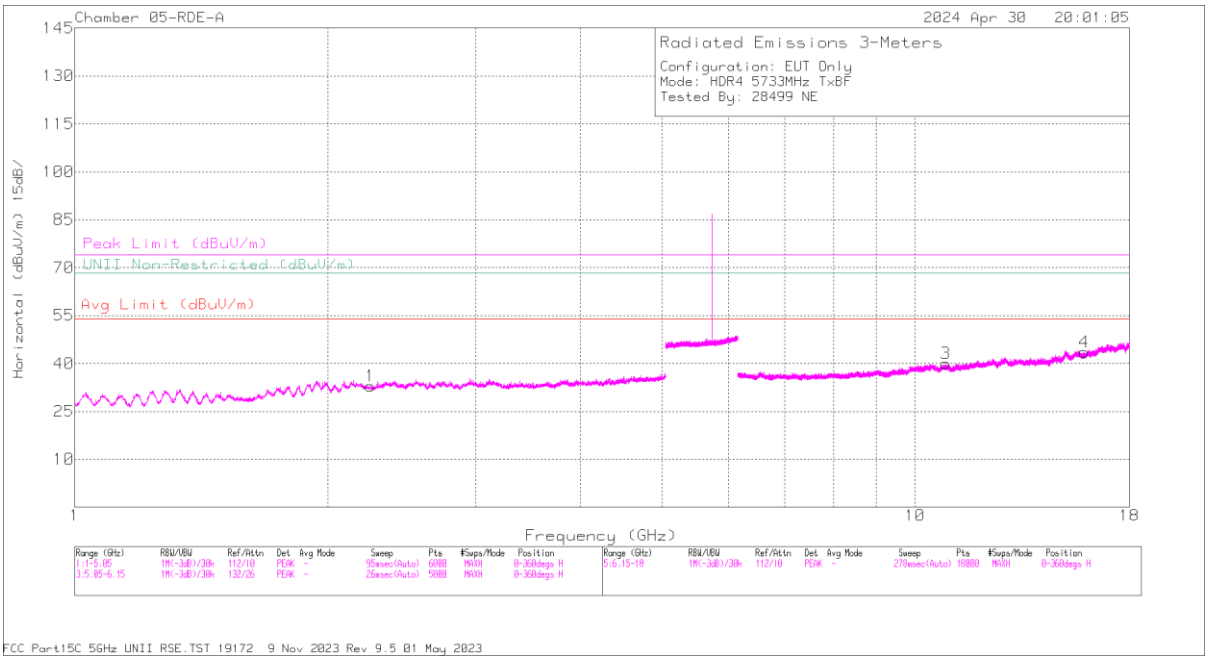
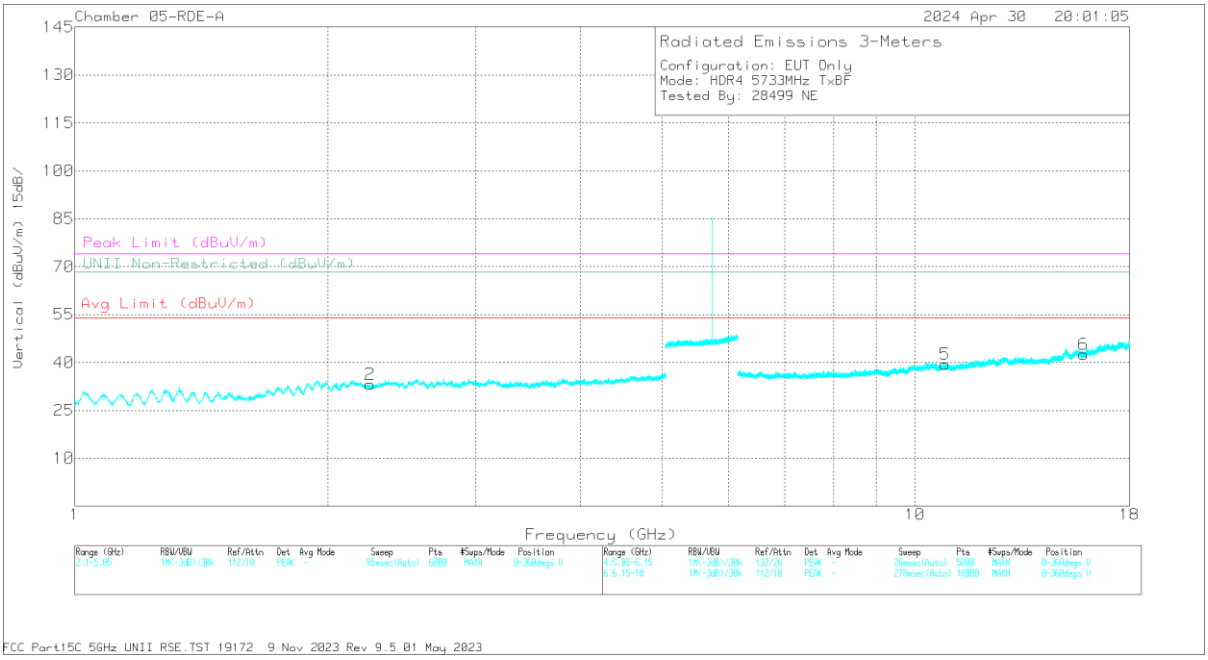
## 10.1.20. HDR4, LOW POWER UNII-3 HARMONIC AND SPURIOUS IN THE 5.8 GHz BAND

**LOW CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 2.249607 | 60.24 | PK-U | 31.7 | -49.06 | 42.88 | - | - | 74 | -31.12 | 145 | 108 | H |
| 1 | * 2.248379 | 48.64 | ADR | 31.7 | -49 | 31.34 | 54 | -22.66 | - | - | 145 | 108 | H |
| 2 | * 2.244418 | 59.99 | PK-U | 31.7 | -49 | 42.69 | - | - | 74 | -31.31 | 94 | 130 | V |
| 2 | * 2.245029 | 48.65 | ADR | 31.7 | -49 | 31.35 | 54 | -22.65 | - | - | 94 | 130 | V |
| 3 | * 10.88484 | 54.41 | PK-U | 37.9 | -43.1 | 49.21 | - | - | 74 | -24.79 | 282 | 226 | H |
| 3 | * 10.886259 | 42.62 | ADR | 37.9 | -43 | 37.52 | 54 | -16.48 | - | - | 282 | 226 | H |
| 4 | * 15.896949 | 52.39 | PK-U | 40.7 | -40.51 | 52.58 | - | - | 74 | -21.42 | 305 | 322 | H |
| 4 | * 15.896771 | 40.86 | ADR | 40.7 | -40.52 | 41.04 | 54 | -12.96 | - | - | 305 | 322 | H |
| 5 | * 10.867877 | 54.27 | PK-U | 37.9 | -43.4 | 48.77 | - | - | 74 | -25.23 | 348 | 123 | V |
| 5 | * 10.866947 | 43.14 | ADR | 37.9 | -43.4 | 37.64 | 54 | -16.36 | - | - | 348 | 123 | V |
| 6 | * 15.87546 | 52.64 | PK-U | 40.7 | -40.5 | 52.84 | - | - | 74 | -21.16 | 162 | 192 | V |
| 6 | * 15.875745 | 40.94 | ADR | 40.7 | -40.5 | 41.14 | 54 | -12.86 | - | - | 162 | 192 | V |

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



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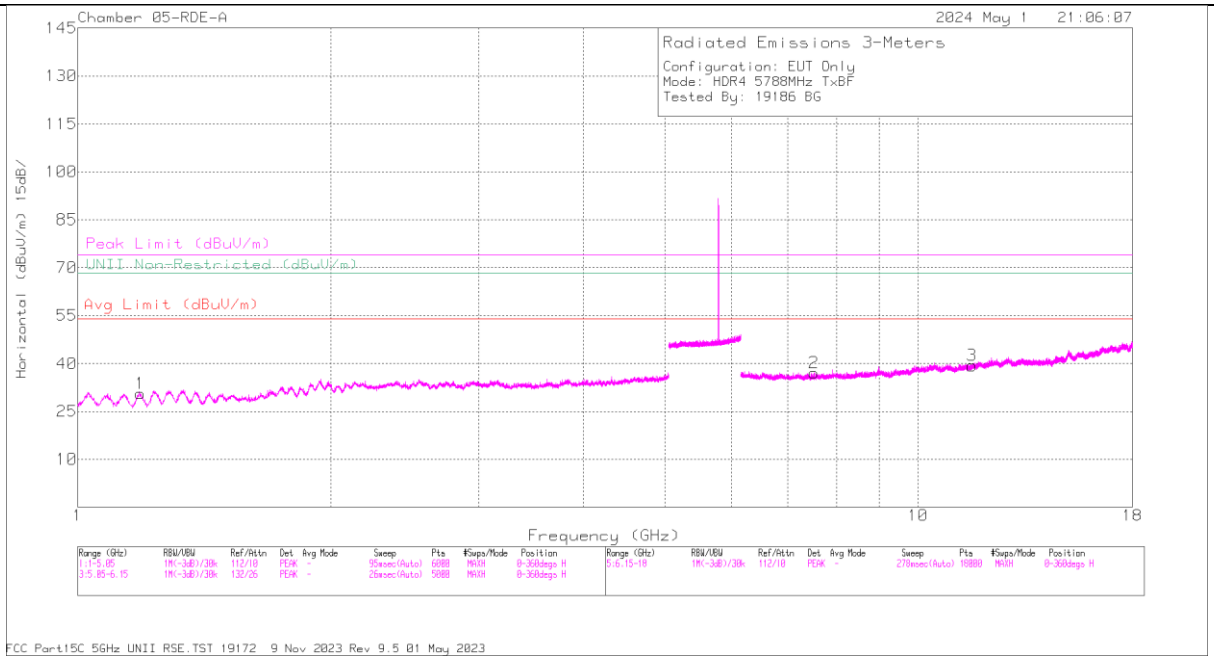
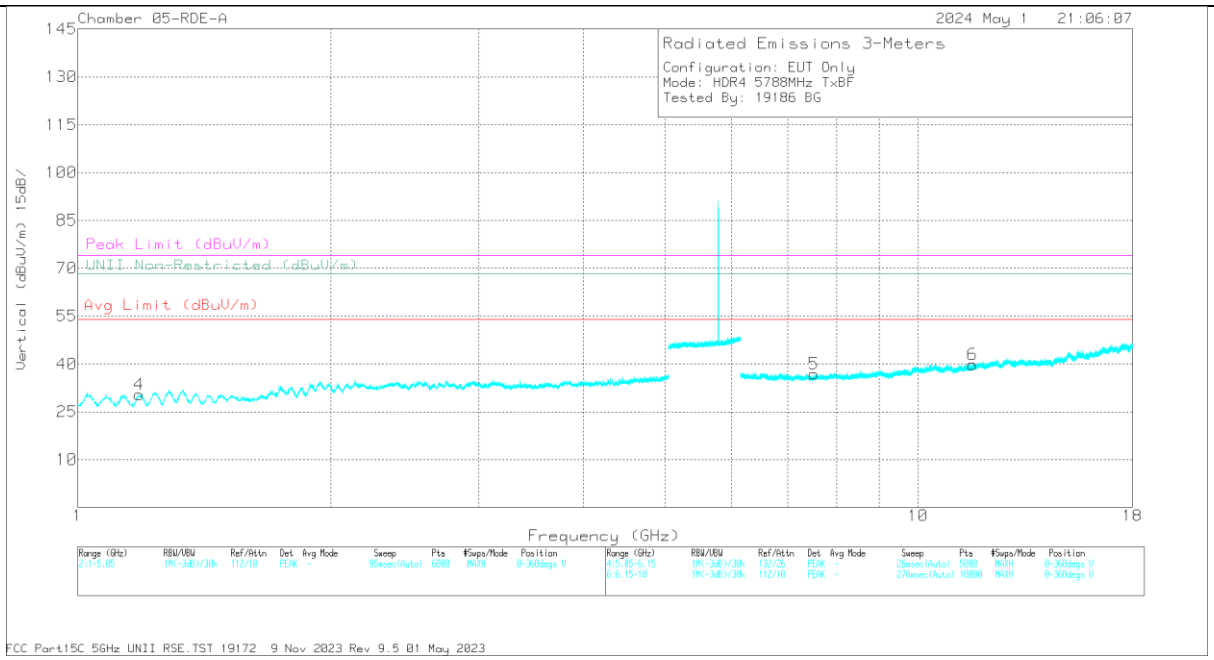
**MID CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 1.18514 | 62.48 | PK-U | 28.2 | -49.9 | 40.78 | - | - | 74 | -33.22 | 82 | 158 | H |
| 1 | * 1.187604 | 50.78 | ADR | 28.2 | -49.9 | 29.08 | 54 | -24.92 | - | - | 82 | 158 | H |
| 4 | * 1.185307 | 62.36 | PK-U | 28.2 | -49.9 | 40.66 | - | - | 74 | -33.34 | 144 | 145 | V |
| 4 | * 1.185495 | 50.99 | ADR | 28.2 | -49.9 | 29.29 | 54 | -24.71 | - | - | 144 | 145 | V |
| 2 | * 7.518815 | 56.6 | PK-U | 35.7 | -45.52 | 46.78 | - | - | 74 | -27.22 | 196 | 271 | H |
| 2 | * 7.519176 | 44.48 | ADR | 35.7 | -45.5 | 34.68 | 54 | -19.32 | - | - | 196 | 271 | H |
| 3 | * 11.586848 | 53.7 | PK-U | 38.3 | -42.4 | 49.6 | - | - | 74 | -24.4 | 232 | 296 | H |
| 3 | * 11.588382 | 42.13 | ADR | 38.3 | -42.4 | 38.03 | 54 | -15.97 | - | - | 232 | 296 | H |
| 5 | * 7.519266 | 55.75 | PK-U | 35.7 | -45.5 | 45.95 | - | - | 74 | -28.05 | 310 | 374 | V |
| 5 | * 7.520023 | 44.67 | ADR | 35.7 | -45.5 | 34.87 | 54 | -19.13 | - | - | 310 | 374 | V |
| 6 | * 11.614894 | 53.17 | PK-U | 38.4 | -42.2 | 49.37 | - | - | 74 | -24.63 | 282 | 191 | V |
| 6 | * 11.61375 | 41.63 | ADR | 38.4 | -42.23 | 37.8 | 54 | -16.2 | - | - | 282 | 191 | V |

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



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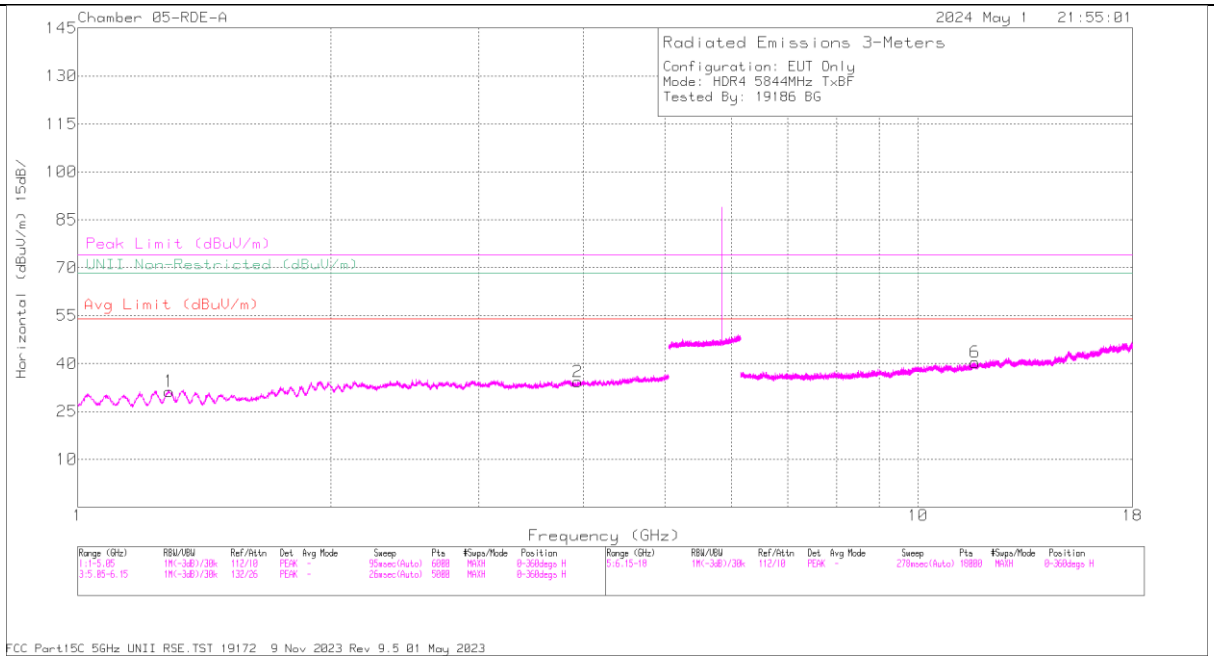
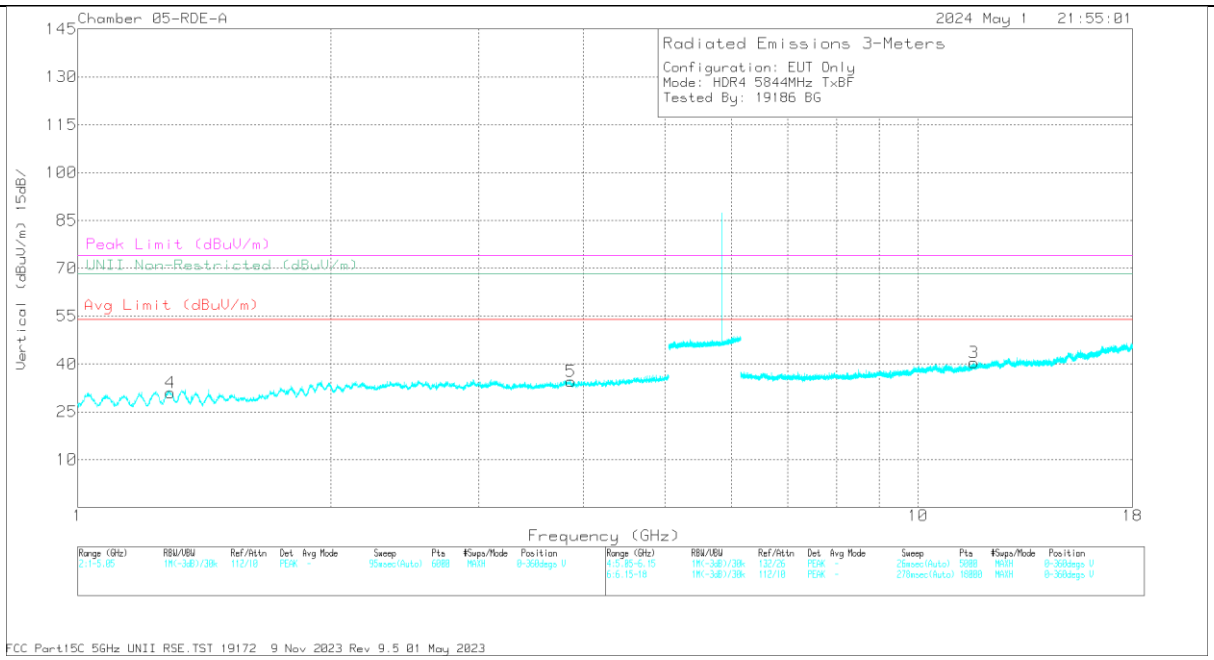
**HIGH CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 1.28465 | 62.69 | PK-U | 28.8 | -49.8 | 41.69 | - | - | 74 | -32.31 | 219 | 208 | H |
| 1 | * 1.284138 | 51.29 | ADR | 28.8 | -49.8 | 30.29 | 54 | -23.71 | - | - | 219 | 208 | H |
| 2 | * 3.939964 | 57.24 | PK-U | 33.6 | -46.8 | 44.04 | - | - | 74 | -29.96 | 59 | 244 | H |
| 2 | * 3.939838 | 45.45 | ADR | 33.6 | -46.8 | 32.25 | 54 | -21.75 | - | - | 59 | 244 | H |
| 4 | * 1.286988 | 62.87 | PK-U | 28.8 | -49.8 | 41.87 | - | - | 74 | -32.13 | 277 | 299 | V |
| 4 | * 1.287474 | 50.83 | ADR | 28.8 | -49.8 | 29.83 | 54 | -24.17 | - | - | 277 | 299 | V |
| 5 | * 3.861371 | 56.82 | PK-U | 33.5 | -46.1 | 44.22 | - | - | 74 | -29.78 | 57 | 101 | V |
| 5 | * 3.860538 | 45.15 | ADR | 33.5 | -46.1 | 32.55 | 54 | -21.45 | - | - | 57 | 101 | V |
| 6 | * 11.688742 | 53.46 | PK-U | 38.5 | -42.27 | 49.69 | - | - | 74 | -24.31 | 233 | 102 | H |
| 6 | * 11.688082 | 41.73 | ADR | 38.5 | -42.21 | 38.02 | 54 | -15.98 | - | - | 233 | 102 | H |
| 3 | * 11.645089 | 53.48 | PK-U | 38.4 | -42.3 | 49.58 | - | - | 74 | -24.42 | 2 | 252 | V |
| 3 | * 11.645638 | 41.82 | ADR | 38.4 | -42.3 | 37.92 | 54 | -16.08 | - | - | 2 | 252 | V |

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



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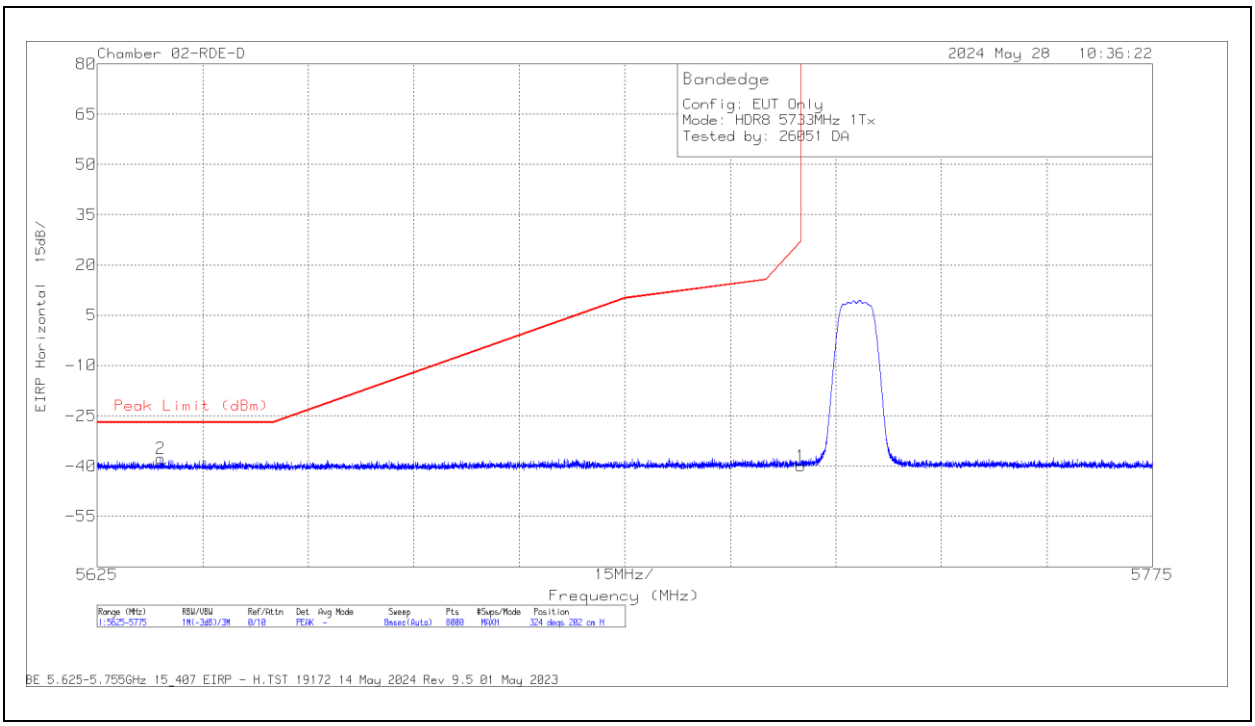
## 10.1.21. HDR8, HIGH POWER UNII-3 BANDEDGE

**ANT 6**

## BANDEDGE (LOW CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5634.02 | -68.07 | Pk | 34.4 | -15.8 | 11.8 | -37.67 | -27 | -10.67 | 324 | 202 | H |
| 1 | 5725 | -70.42 | Pk | 34.6 | -15.9 | 11.8 | -39.92 | 27 | -66.92 | 324 | 202 | H |

Pk - Peak detector



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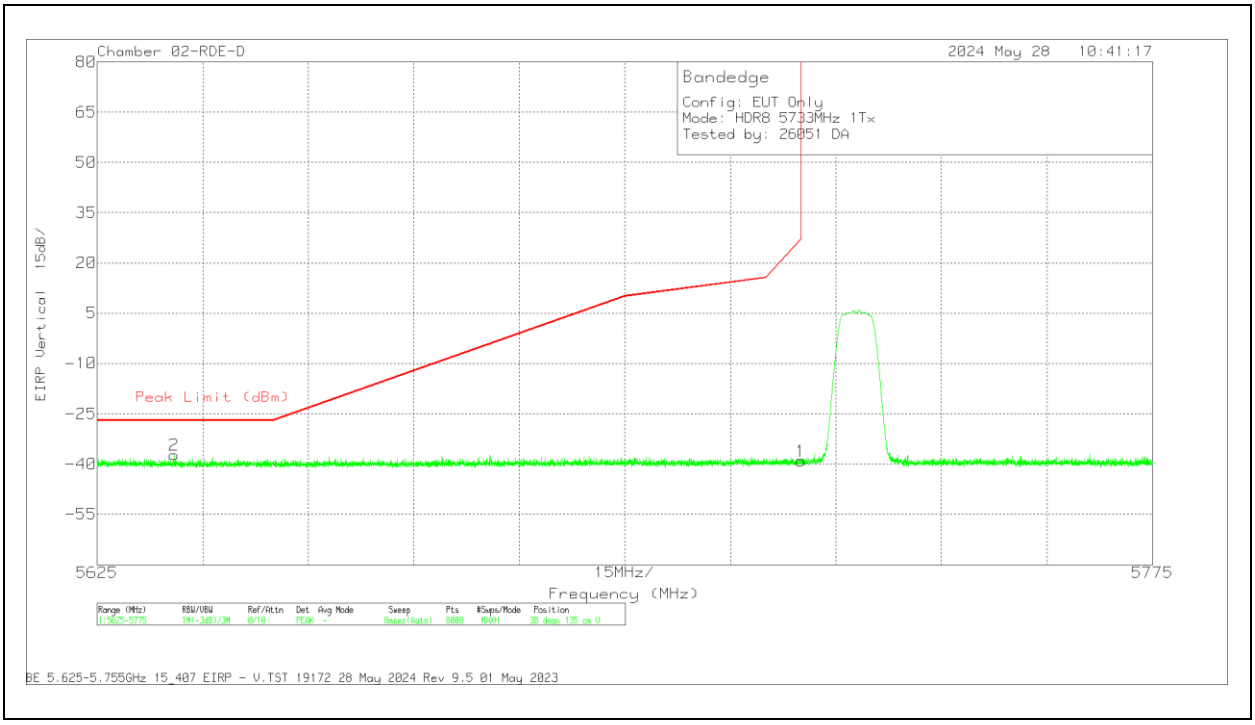
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5635.932 | -67.65 | Pk | 34.4 | -15.8 | 11.8 | -37.25 | -27 | -10.25 | 38 | 135 | V |
| 1 | 5725 | -69.61 | Pk | 34.6 | -15.9 | 11.8 | -39.11 | 27 | -66.11 | 38 | 135 | V |

Pk - Peak detector



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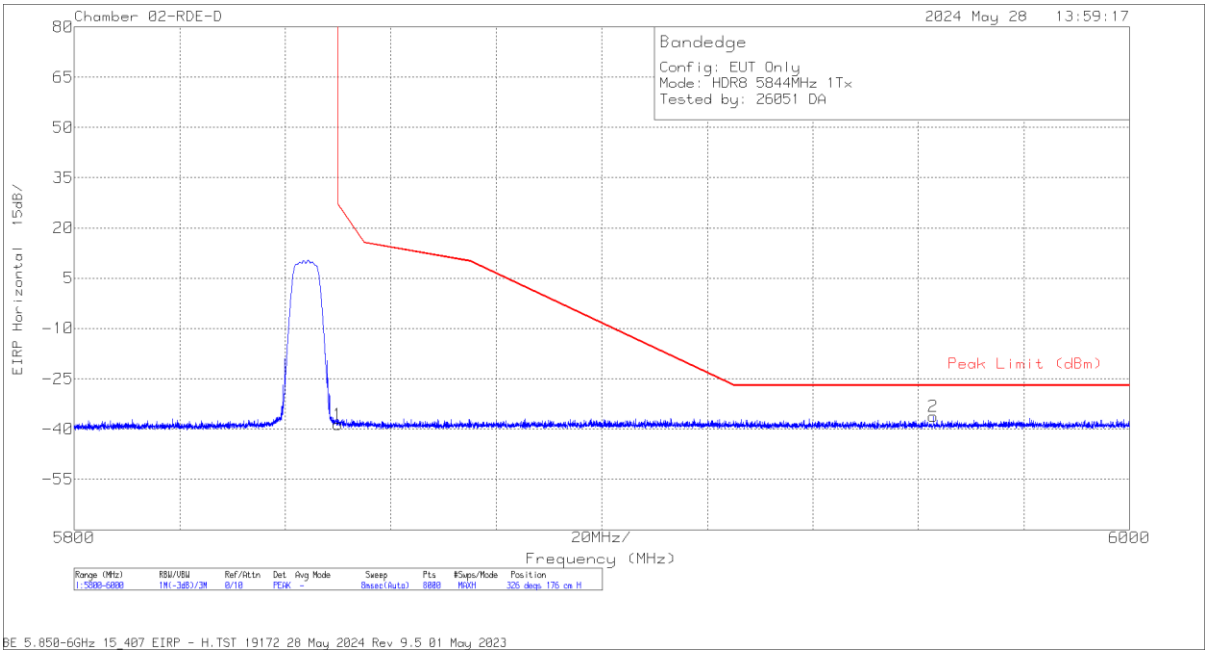
## BANDEDGE (HIGH CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.7 | Pk | 35 | -15.7 | 11.8 | -38.6 | 27 | -65.6 | 326 | 176 | H |
| 2 | 5962.795 | -67.37 | Pk | 35.2 | -15.8 | 11.8 | -36.17 | -27 | -9.17 | 326 | 176 | H |

Pk - Peak detector



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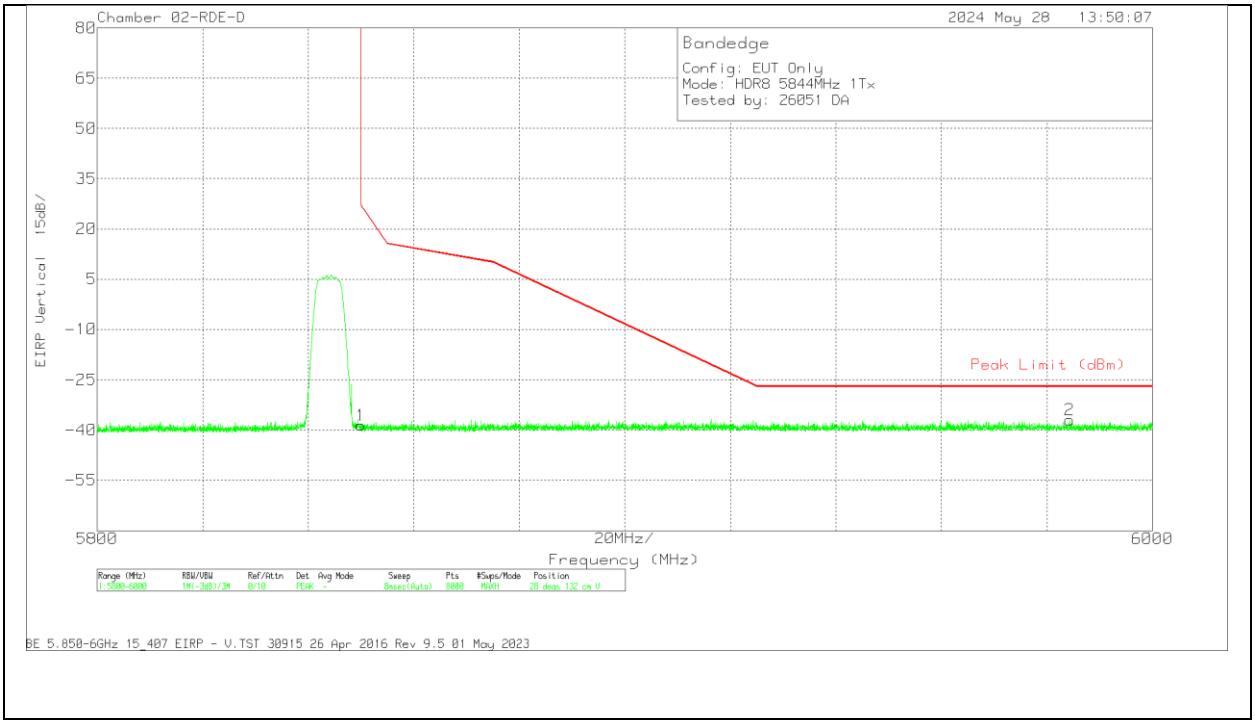
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.66 | Pk | 35 | -15.7 | 11.8 | -38.56 | 27 | -65.56 | 28 | 132 | V |
| 2 | 5984.272 | -68.18 | Pk | 35.3 | -15.9 | 11.8 | -36.98 | -27 | -9.98 | 28 | 132 | V |

Pk - Peak detector



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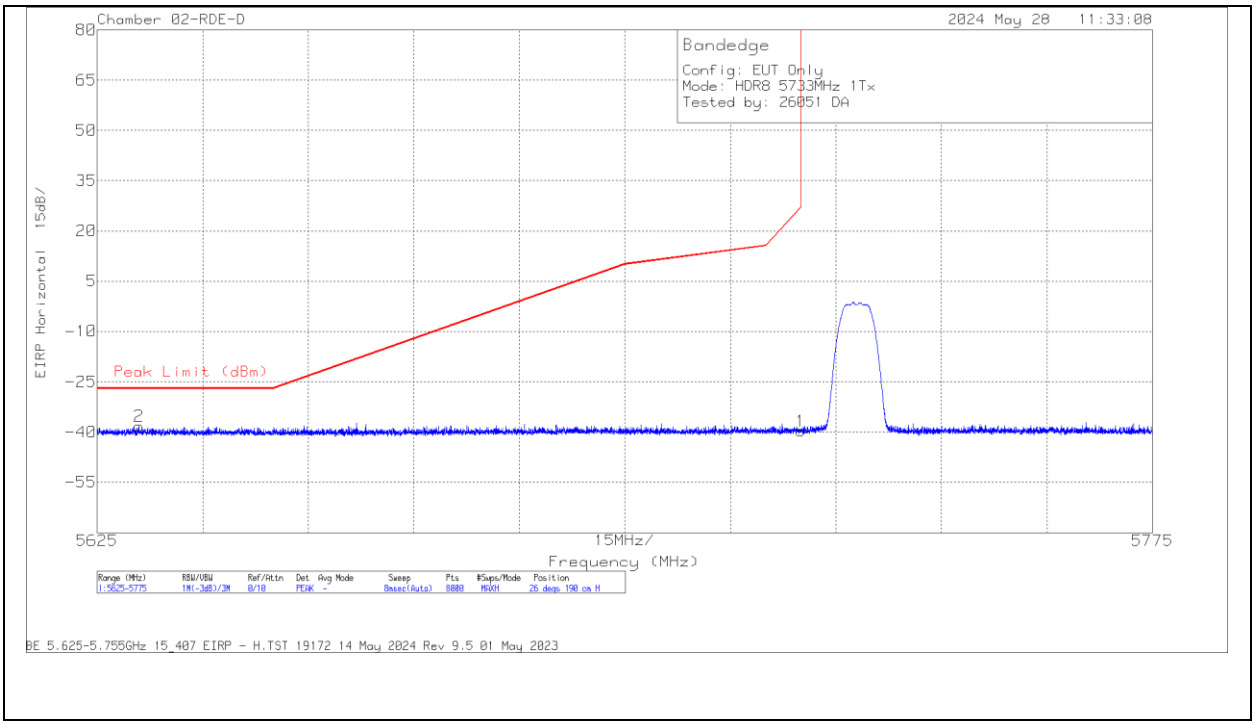
**ANT 5**

## BANDEDGE (LOW CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5630.944 | -68.83 | Pk | 34.4 | -15.7 | 11.8 | -38.33 | -27 | -11.33 | 26 | 190 | H |
| 1 | 5725 | -70.18 | Pk | 34.6 | -15.9 | 11.8 | -39.68 | 27 | -66.68 | 26 | 190 | H |

Pk - Peak detector



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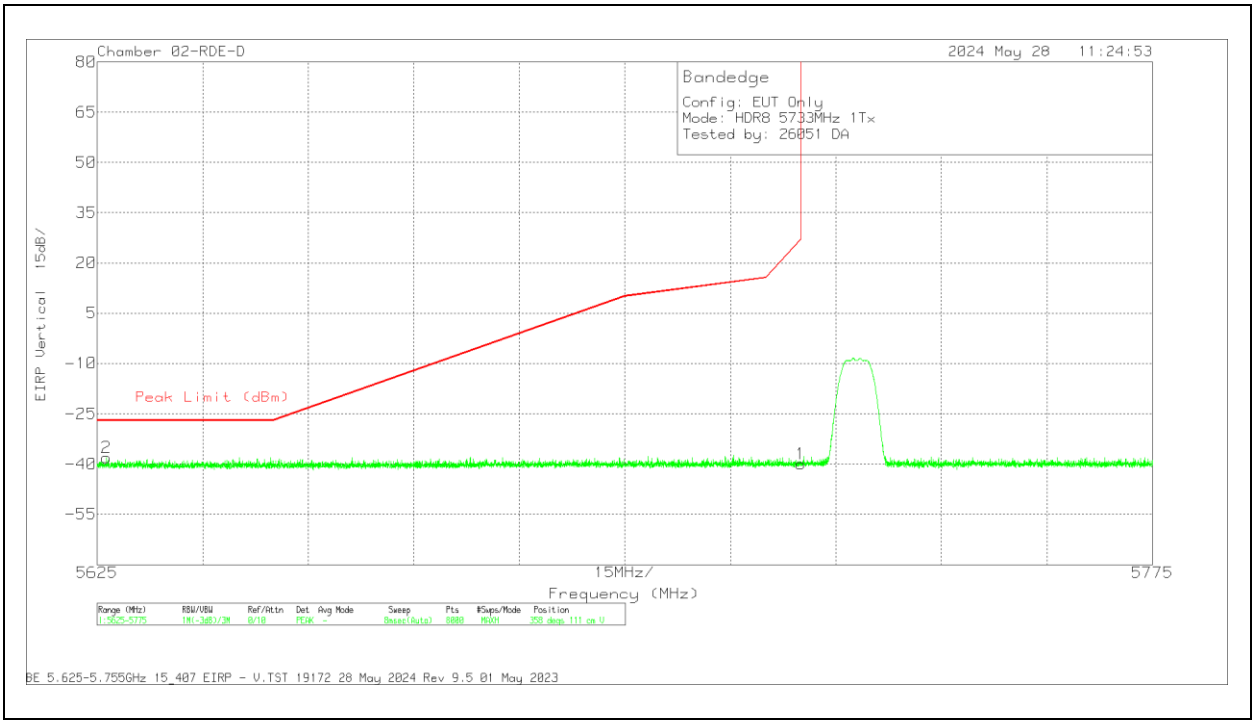
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5626.331 | -68.61 | Pk | 34.4 | -15.6 | 11.8 | -38.01 | -27 | -11.01 | 358 | 111 | V |
| 1 | 5725 | -70.51 | Pk | 34.6 | -15.9 | 11.8 | -40.01 | 27 | -67.01 | 358 | 111 | V |

Pk - Peak detector



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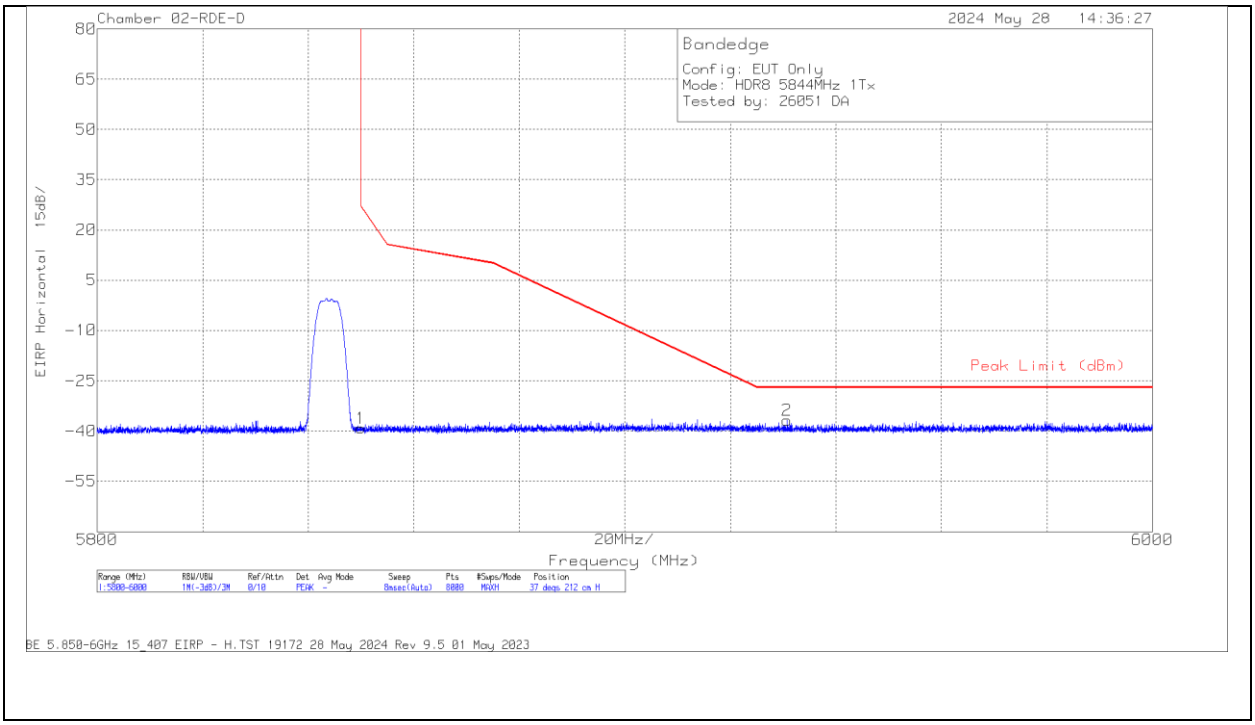
## BANDEDGE (HIGH CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.22 | Pk | 35 | -15.7 | 11.8 | -39.12 | 27 | -66.12 | 37 | 212 | H |
| 2 | 5930.716 | -68.08 | Pk | 35.2 | -15.7 | 11.8 | -36.78 | -27 | -9.78 | 37 | 212 | H |

Pk - Peak detector



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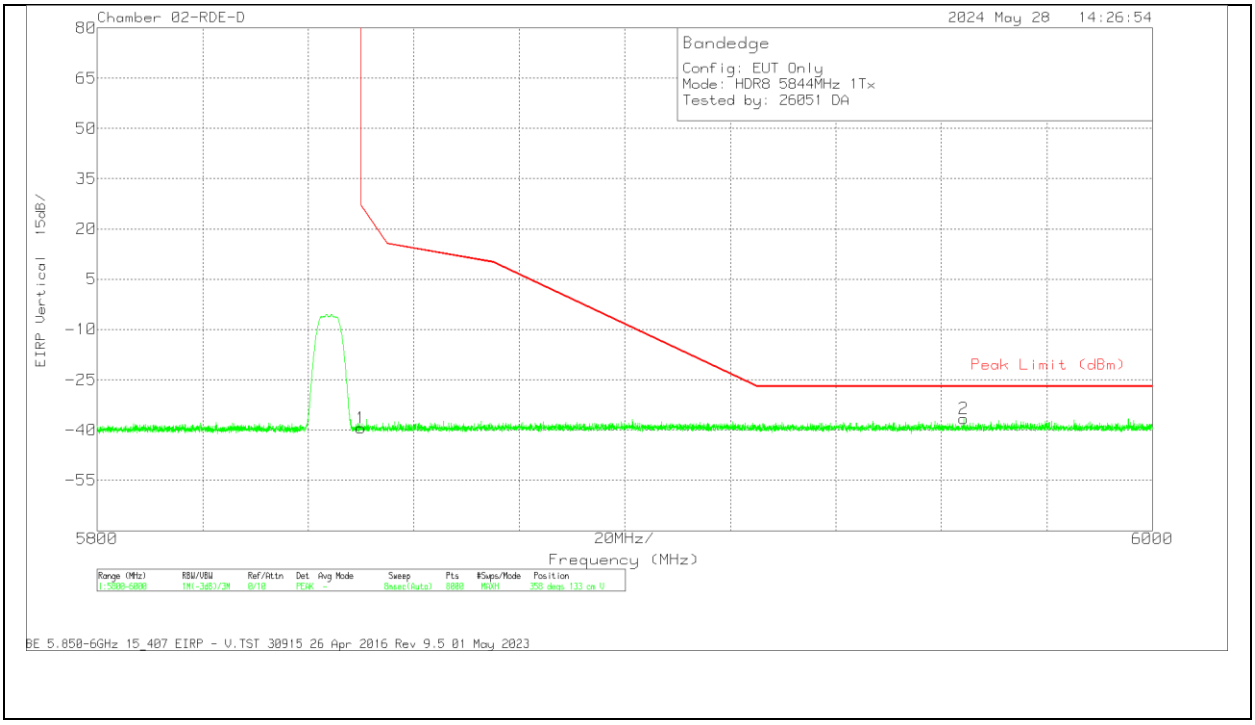
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.48 | Pk | 35 | -15.7 | 11.8 | -39.38 | 27 | -66.38 | 358 | 133 | V |
| 2 | 5964.295 | -67.84 | Pk | 35.2 | -15.8 | 11.8 | -36.64 | -27 | -9.64 | 358 | 133 | V |

Pk - Peak detector



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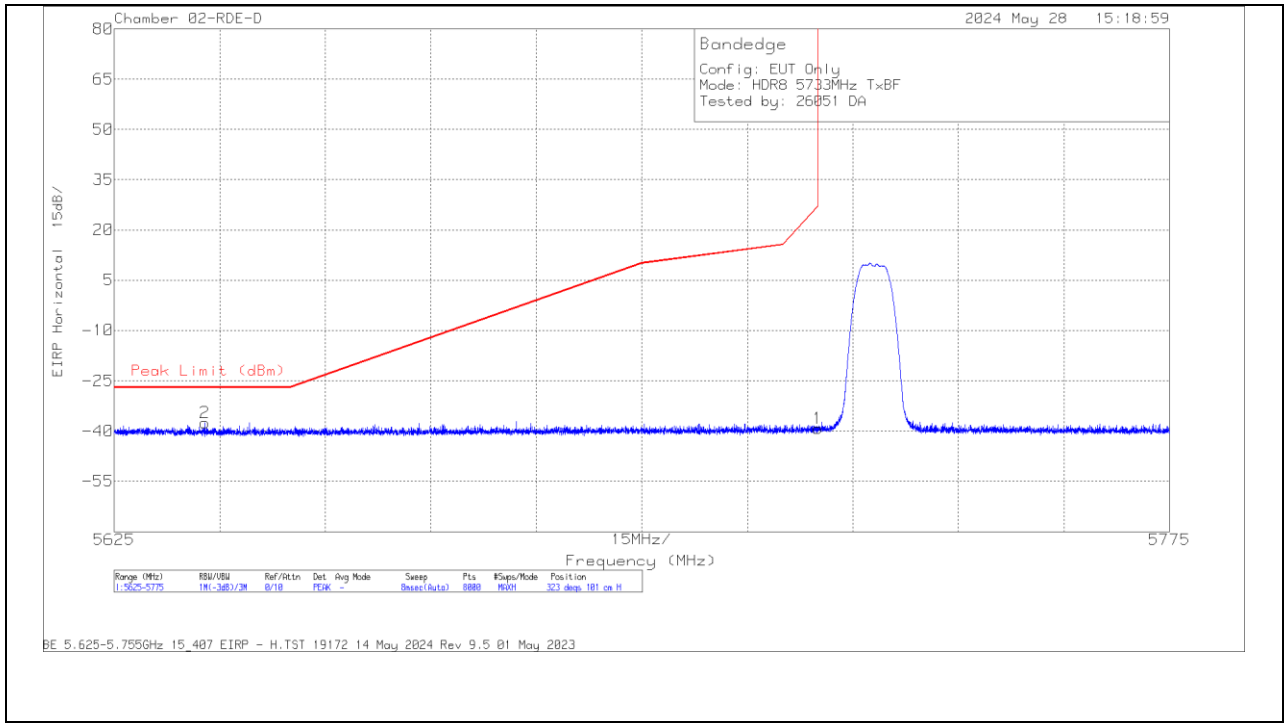
**2TX Antenna 6 + Antenna 5 TXBF MODE**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5637.92 | -67.91 | Pk | 34.4 | -15.8 | 11.8 | -37.51 | -27 | -10.51 | 323 | 101 | H |
| 1 | 5725 | -69.64 | Pk | 34.6 | -15.9 | 11.8 | -39.14 | 27 | -66.14 | 323 | 101 | H |

Pk - Peak detector



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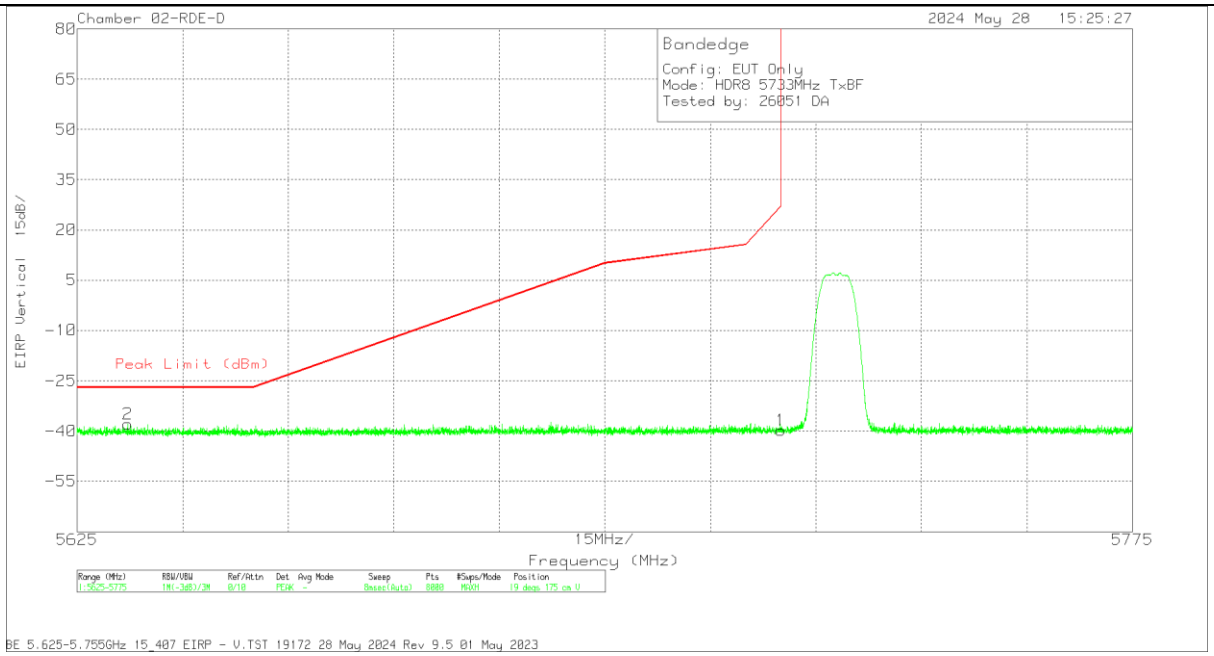
# VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5632.182 | -68.35 | Pk | 34.4 | -15.7 | 11.8 | -37.85 | -27 | -10.85 | 19 | 175 | V |
| 1 | 5725 | -70.22 | Pk | 34.6 | -15.9 | 11.8 | -39.72 | 27 | -66.72 | 19 | 175 | V |

Pk - Peak detector



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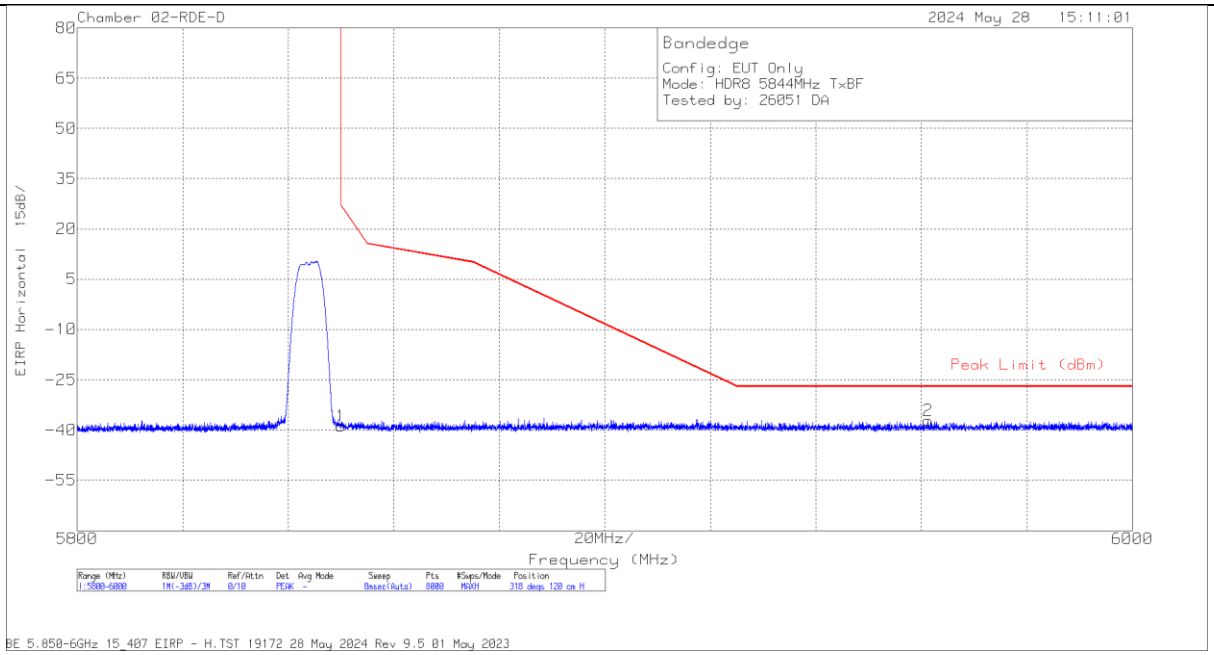
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.88 | Pk | 35 | -15.7 | 11.8 | -38.78 | 27 | -65.78 | 318 | 120 | H |
| 2 | 5961.219 | -68.33 | Pk | 35.2 | -15.8 | 11.8 | -37.13 | -27 | -10.13 | 318 | 120 | H |

Pk - Peak detector



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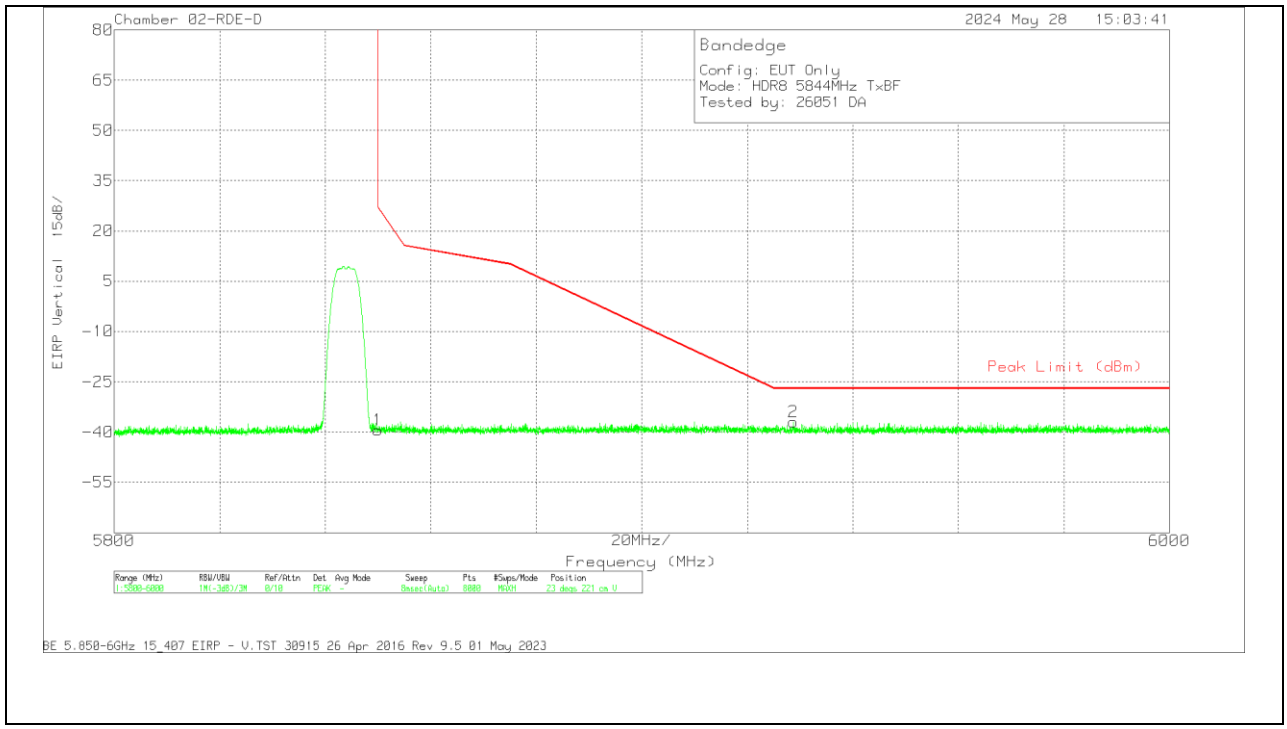
# VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.41 | Pk | 35 | -15.7 | 11.8 | -39.31 | 27 | -66.31 | 23 | 221 | V |
| 2 | 5928.765 | -68.2 | Pk | 35.2 | -15.7 | 11.8 | -36.9 | -27 | -9.9 | 23 | 221 | V |

Pk - Peak detector



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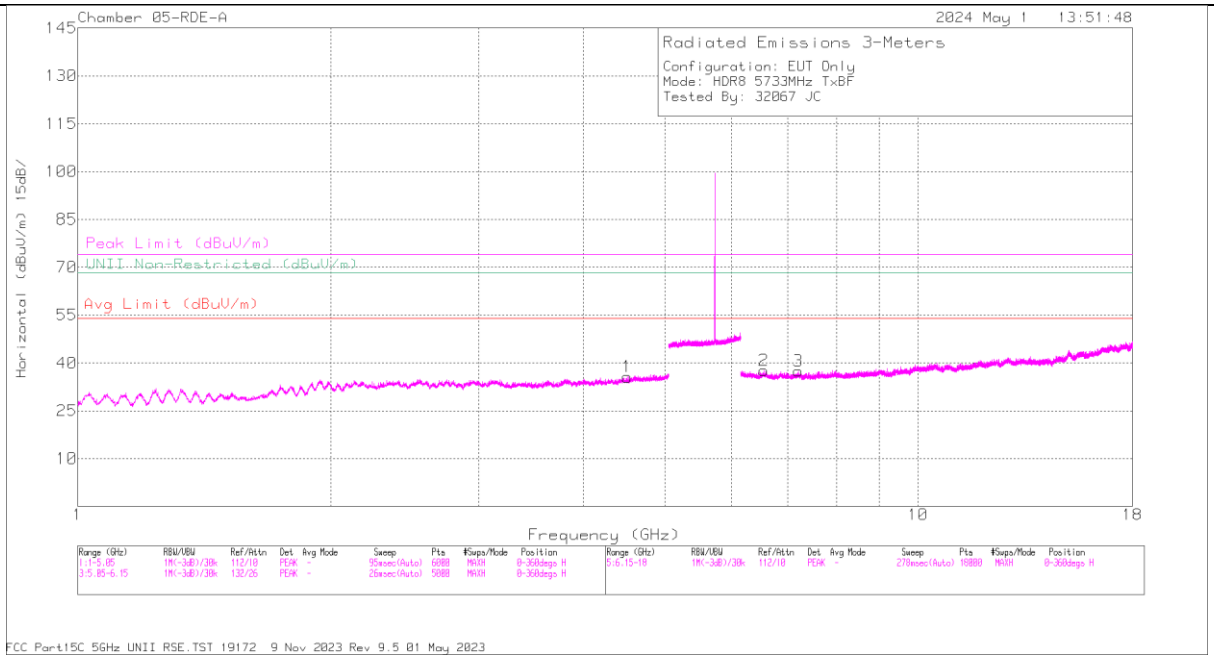
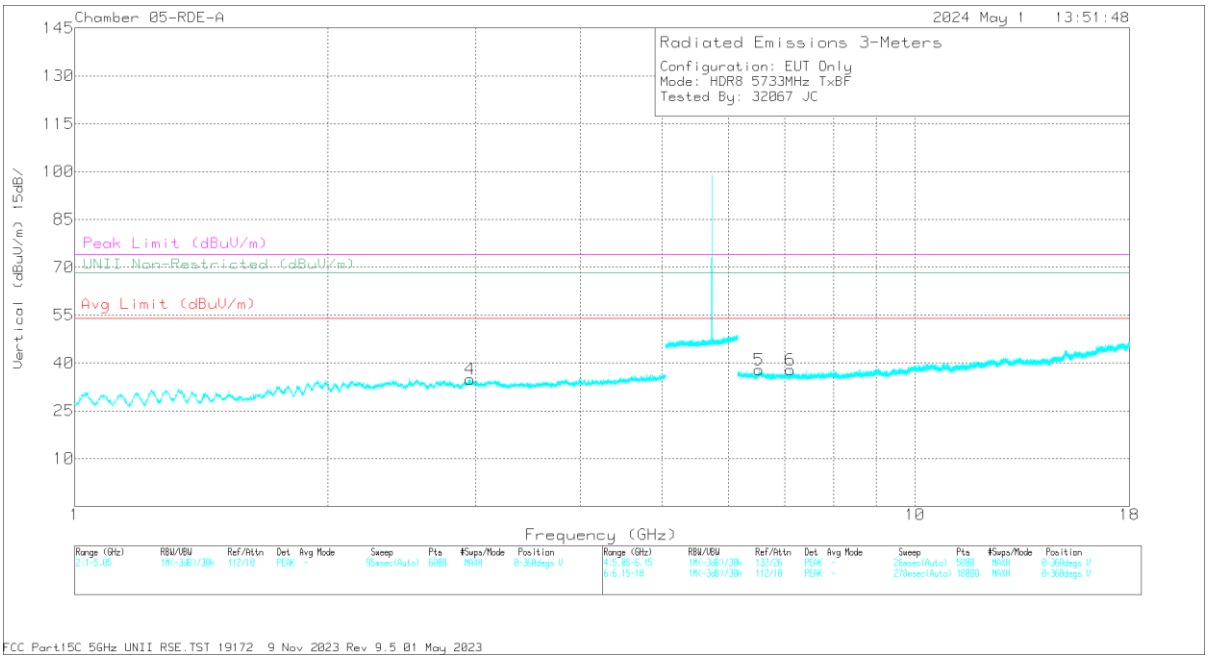
## 10.1.22. HDR8, HIGH POWER UNII-3 HARMONIC AND SPURIOUS IN THE 5.8 GHz BAND

**LOW CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 4.506457 | 57.49 | PK-U | 34.2 | -46.9 | 44.79 | - | - | 74 | -29.21 | - | - | 226 | 249 | H |
| | * 4.506815 | 46.02 | ADR | 34.2 | -46.9 | 33.32 | 54 | -20.68 | - | - | - | - | 226 | 249 | H |
| 4 | 2.956683 | 59.51 | PK-U | 32.9 | -47.9 | 44.51 | - | - | - | - | 68.2 | -23.69 | 0 | 394 | V |
| 5 | 6.521606 | 56.27 | PK-U | 35.7 | -44.94 | 47.03 | - | - | - | - | 68.2 | -21.17 | 225 | 369 | V |
| 2 | 6.550883 | 55.7 | PK-U | 35.7 | -44.5 | 46.9 | - | - | - | - | 68.2 | -21.3 | 219 | 275 | H |
| 6 | 7.114468 | 56.08 | PK-U | 35.7 | -45.45 | 46.33 | - | - | - | - | 68.2 | -21.87 | 3 | 311 | V |
| 3 | 7.201682 | 56.13 | PK-U | 35.6 | -45.2 | 46.53 | - | - | - | - | 68.2 | -21.67 | 254 | 359 | H |

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



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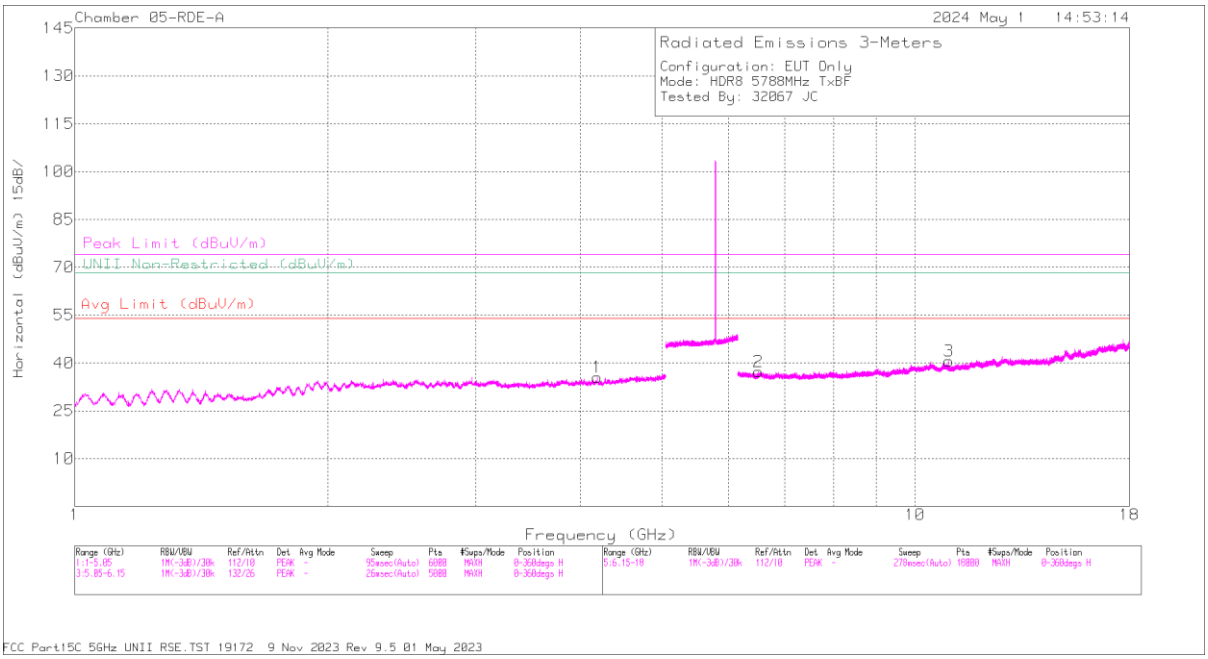
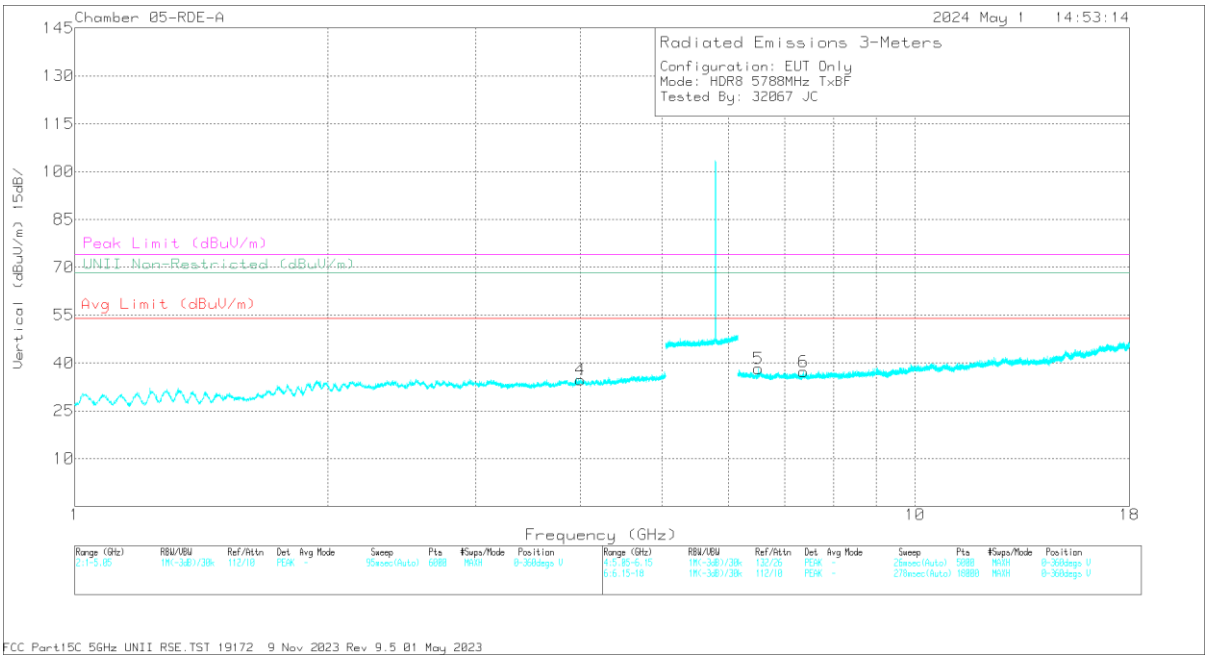
**MID CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 4.18855 | 57.08 | PK-U | 33.7 | -46.5 | 44.28 | - | - | 74 | -29.72 | - | - | 199 | 336 | H |
| | * 4.188217 | 45.61 | ADR | 33.7 | -46.5 | 32.81 | 54 | -21.19 | - | - | - | - | 199 | 336 | H |
| 4 | * 3.998317 | 57.66 | PK-U | 33.6 | -46.7 | 44.56 | - | - | 74 | -29.44 | - | - | 17 | 281 | V |
| | * 3.996218 | 45.88 | ADR | 33.6 | -46.7 | 32.78 | 54 | -21.22 | - | - | - | - | 17 | 281 | V |
| 3 | * 10.973787 | 54.27 | PK-U | 37.9 | -43.2 | 48.97 | - | - | 74 | -25.03 | - | - | 39 | 298 | H |
| | * 10.973324 | 42.17 | ADR | 37.9 | -43.2 | 36.87 | 54 | -17.13 | - | - | - | - | 39 | 298 | H |
| 6 | * 7.373611 | 56.36 | PK-U | 35.6 | -45.46 | 46.5 | - | - | 74 | -27.5 | - | - | 223 | 389 | V |
| 5 | 6.510148 | 57.62 | PK-U | 35.7 | -45.09 | 48.23 | - | - | - | - | 68.2 | -19.97 | 248 | 191 | V |
| 2 | 6.512152 | 56.62 | PK-U | 35.7 | -45.1 | 47.22 | - | - | - | - | 68.2 | -20.98 | 248 | 238 | H |

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



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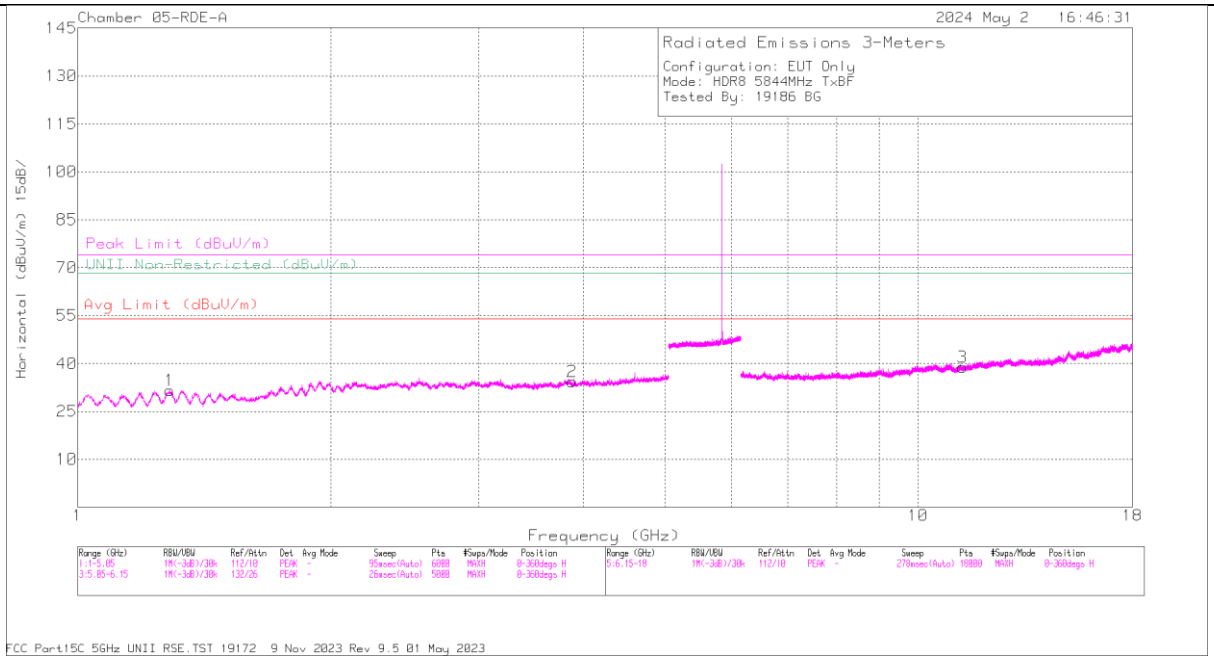
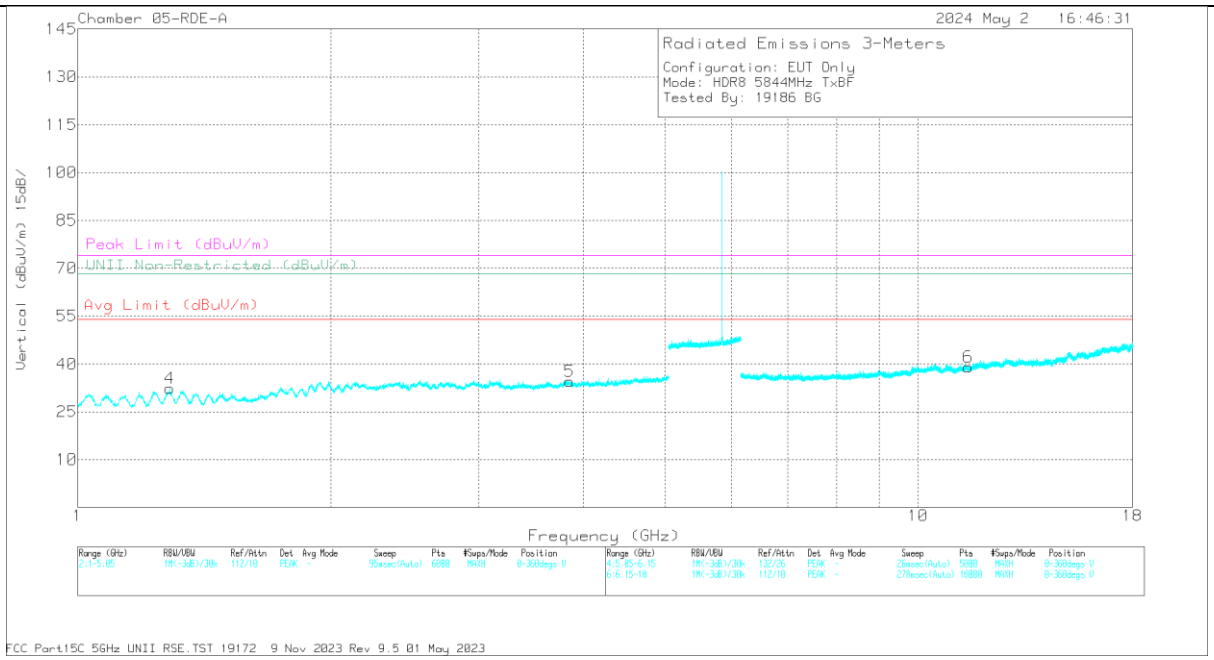
**HIGH CHANNEL**




**HORIZONTAL**




**VERTICAL**



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DATA:

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80403 ACF 3m (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 1.288535 | 62.51 | PK-U | 28.8 | -49.8 | 41.51 | - | - | 74 | -32.49 | 2 | 200 | H |
| 1 | * 1.287043 | 51.17 | ADR | 28.8 | -49.8 | 30.17 | 54 | -23.83 | - | - | 2 | 200 | H |
| 2 | * 3.87697 | 56.16 | PK-U | 33.5 | -46.2 | 43.46 | - | - | 74 | -30.54 | 41 | 140 | H |
| 2 | * 3.877838 | 44.81 | ADR | 33.5 | -46.28 | 32.03 | 54 | -21.97 | - | - | 41 | 140 | H |
| 4 | * 1.286968 | 63.44 | PK-U | 28.8 | -49.8 | 42.44 | - | - | 74 | -31.56 | 156 | 382 | V |
| 4 | * 1.284486 | 51.05 | ADR | 28.8 | -49.8 | 30.05 | 54 | -23.95 | - | - | 156 | 382 | V |
| 5 | * 3.850377 | 56.82 | PK-U | 33.5 | -46.2 | 44.12 | - | - | 74 | -29.88 | 168 | 278 | V |
| 5 | * 3.848118 | 45.66 | ADR | 33.5 | -46.2 | 32.96 | 54 | -21.04 | - | - | 168 | 278 | V |
| 3 | * 11.306859 | 53.06 | PK-U | 38 | -42.6 | 48.46 | - | - | 74 | -25.54 | 207 | 214 | H |
| 3 | * 11.306372 | 41.76 | ADR | 38 | -42.6 | 37.16 | 54 | -16.84 | - | - | 207 | 214 | H |
| 6 | * 11.480922 | 53.01 | PK-U | 38.2 | -42.7 | 48.51 | - | - | 74 | -25.49 | 224 | 141 | V |
| 6 | * 11.48159 | 41.39 | ADR | 38.2 | -42.7 | 36.89 | 54 | -17.11 | - | - | 224 | 141 | V |

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



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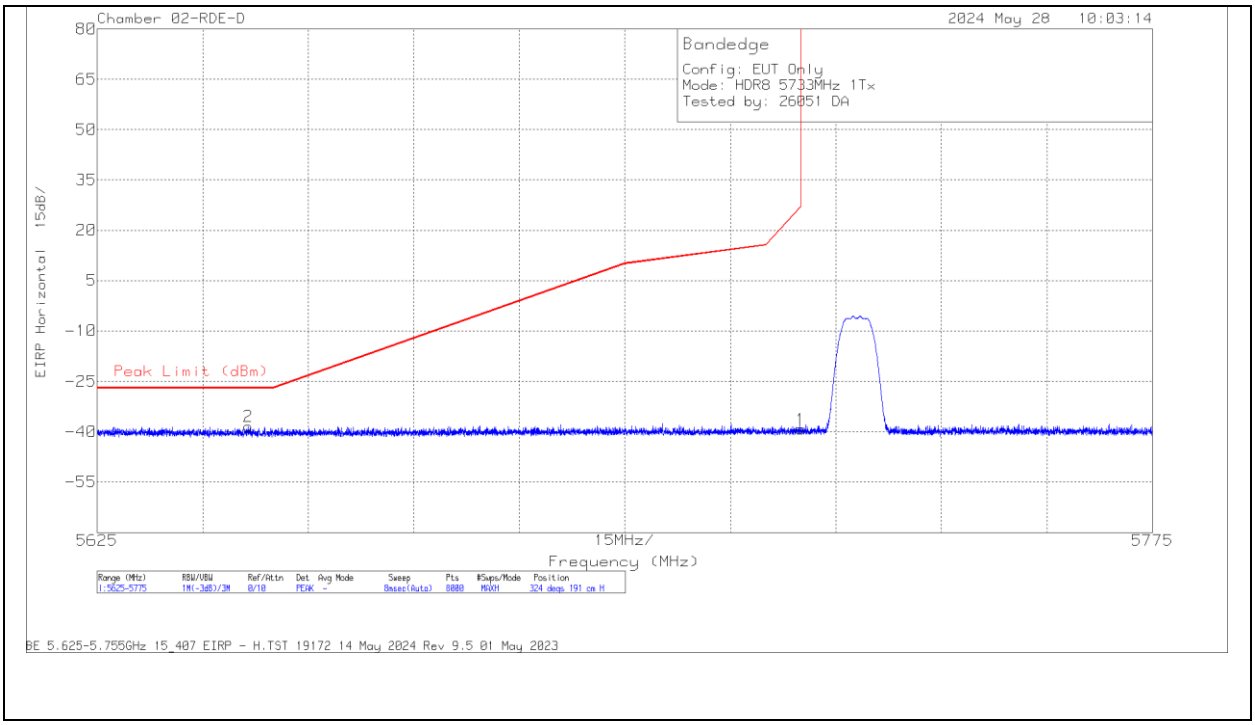
## 10.1.23. HDR8, LOW POWER UNII-3 BANDEDGE

**ANT 6**

## BANDEDGE (LOW CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5646.49 | -69.16 | Pk | 34.4 | -15.5 | 11.8 | -38.46 | -27 | -11.46 | 324 | 191 | H |
| 1 | 5725 | -69.79 | Pk | 34.6 | -15.9 | 11.8 | -39.29 | 27 | -66.29 | 324 | 191 | H |

Pk - Peak detector



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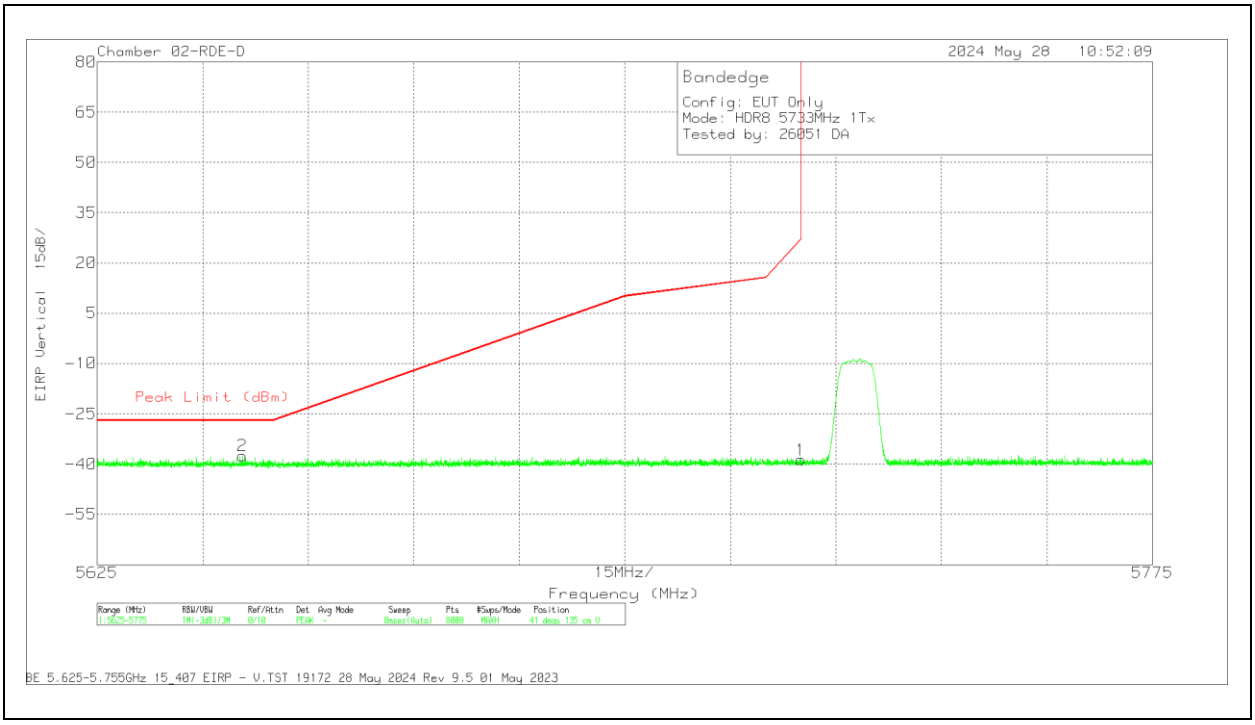
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5645.627 | -68.28 | Pk | 34.4 | -15.5 | 11.8 | -37.58 | -27 | -10.58 | 41 | 135 | V |
| 1 | 5725 | -69.23 | Pk | 34.6 | -15.9 | 11.8 | -38.73 | 27 | -65.73 | 41 | 135 | V |

Pk - Peak detector



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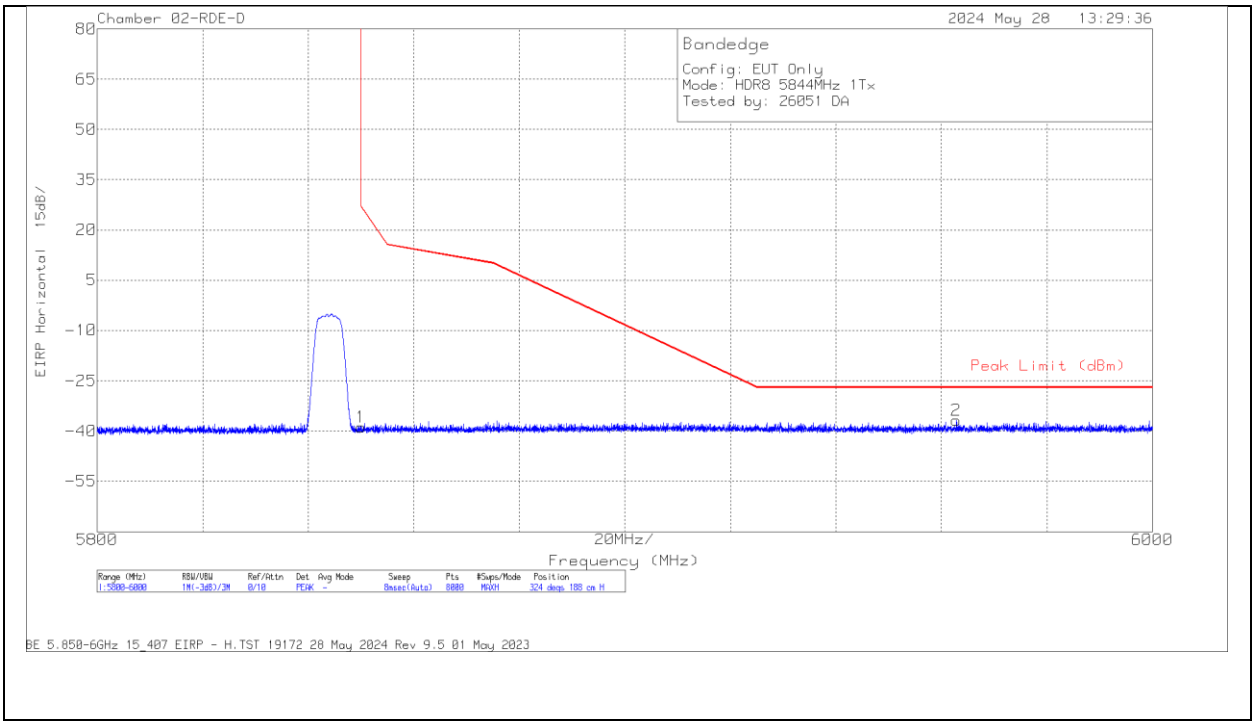
# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -69.99 | Pk | 35 | -15.7 | 11.8 | -38.89 | 27 | -65.89 | 324 | 188 | H |
| 2 | 5962.87 | -67.94 | Pk | 35.2 | -15.8 | 11.8 | -36.74 | -27 | -9.74 | 324 | 188 | H |

Pk - Peak detector



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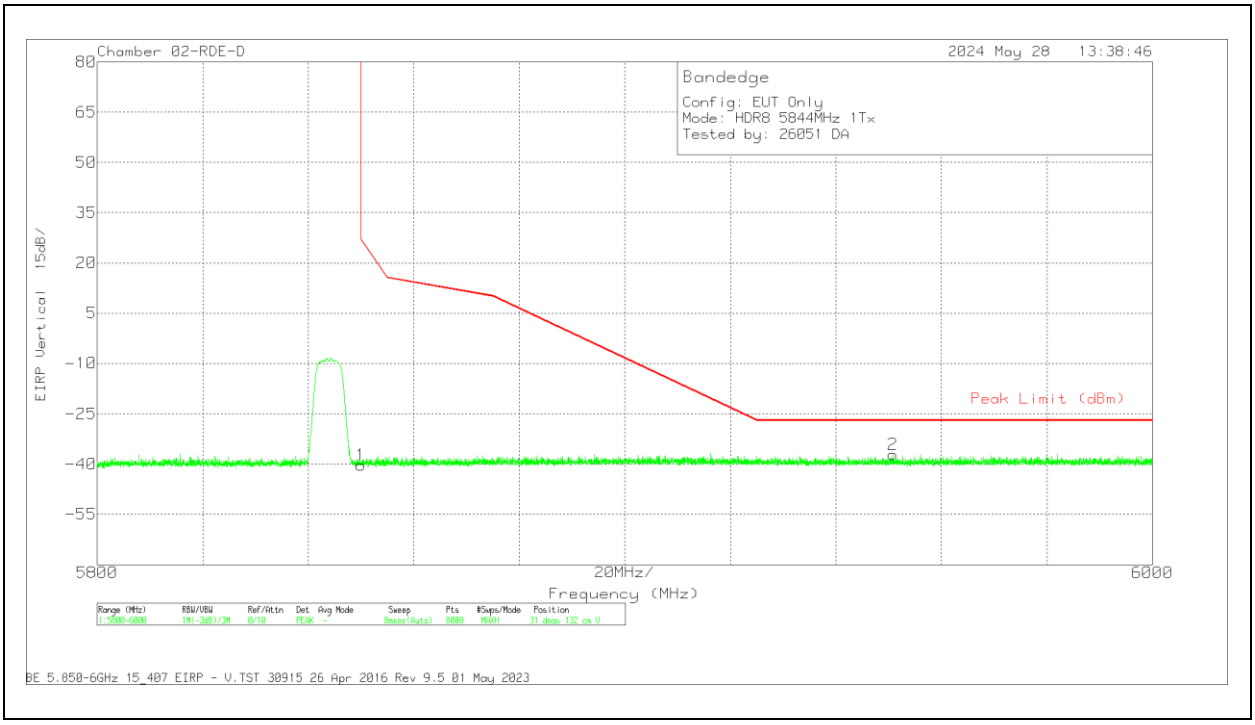
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -71.35 | Pk | 35 | -15.7 | 11.8 | -40.25 | 27 | -67.25 | 31 | 132 | V |
| 2 | 5950.843 | -68.33 | Pk | 35.2 | -15.8 | 11.8 | -37.13 | -27 | -10.13 | 31 | 132 | V |

Pk - Peak detector



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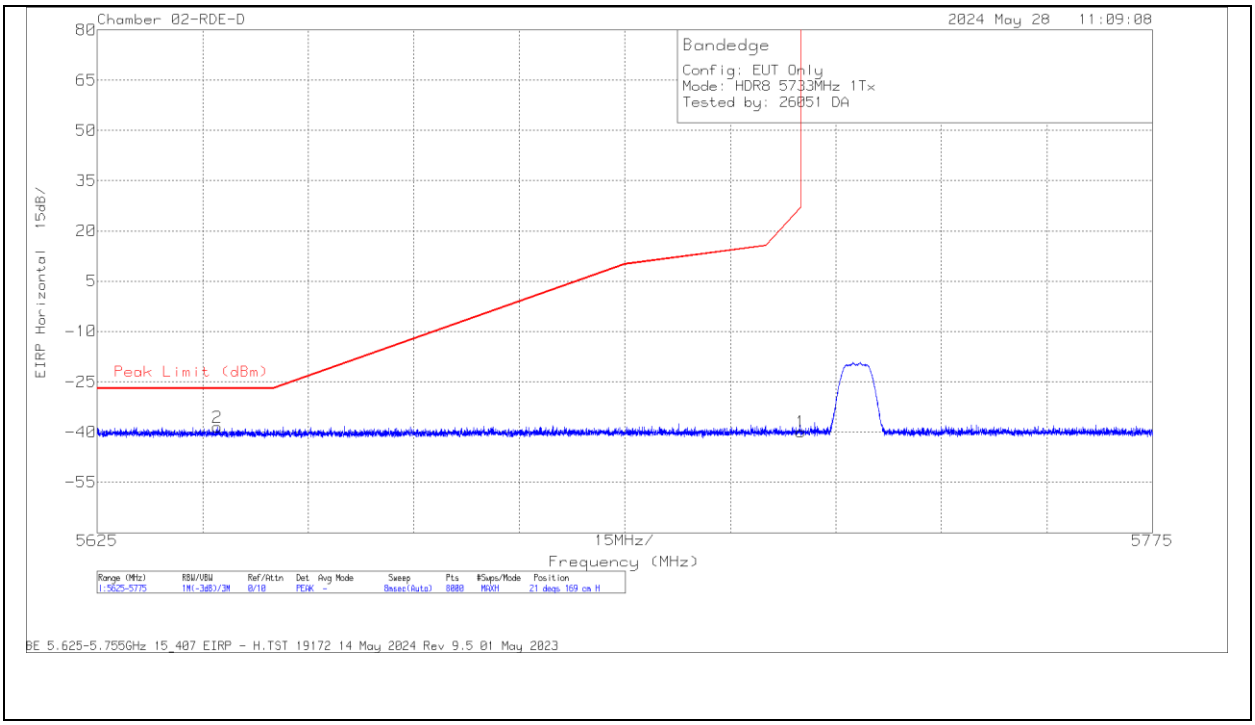
**ANT 5**

## BANDEDGE (LOW CHANNEL)

**HORIZONTAL RESULT**




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5642.064 | -69.05 | Pk | 34.4 | -15.7 | 11.8 | -38.55 | -27 | -11.55 | 21 | 169 | H |
| 1 | 5725 | -70.47 | Pk | 34.6 | -15.9 | 11.8 | -39.97 | 27 | -66.97 | 21 | 169 | H |

Pk - Peak detector



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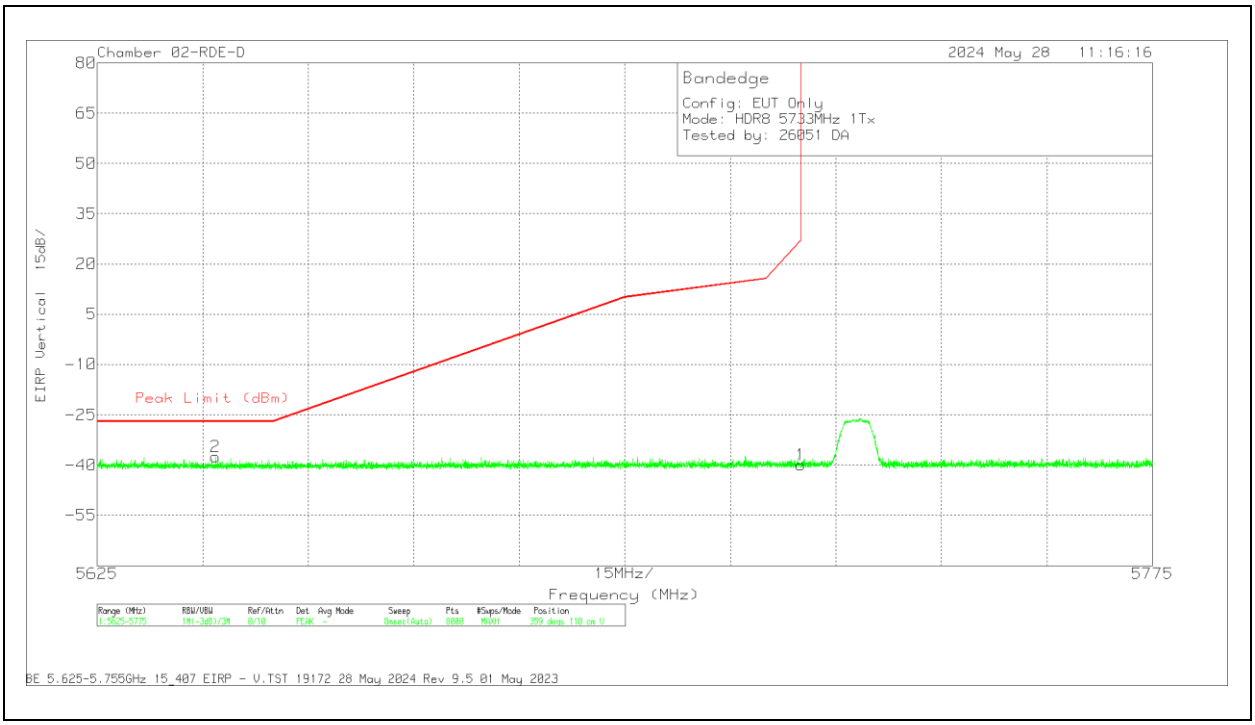
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5641.821 | -68.06 | Pk | 34.4 | -15.7 | 11.8 | -37.56 | -27 | -10.56 | 359 | 110 | V |
| 1 | 5725 | -70.45 | Pk | 34.6 | -15.9 | 11.8 | -39.95 | 27 | -66.95 | 359 | 110 | V |

Pk - Peak detector



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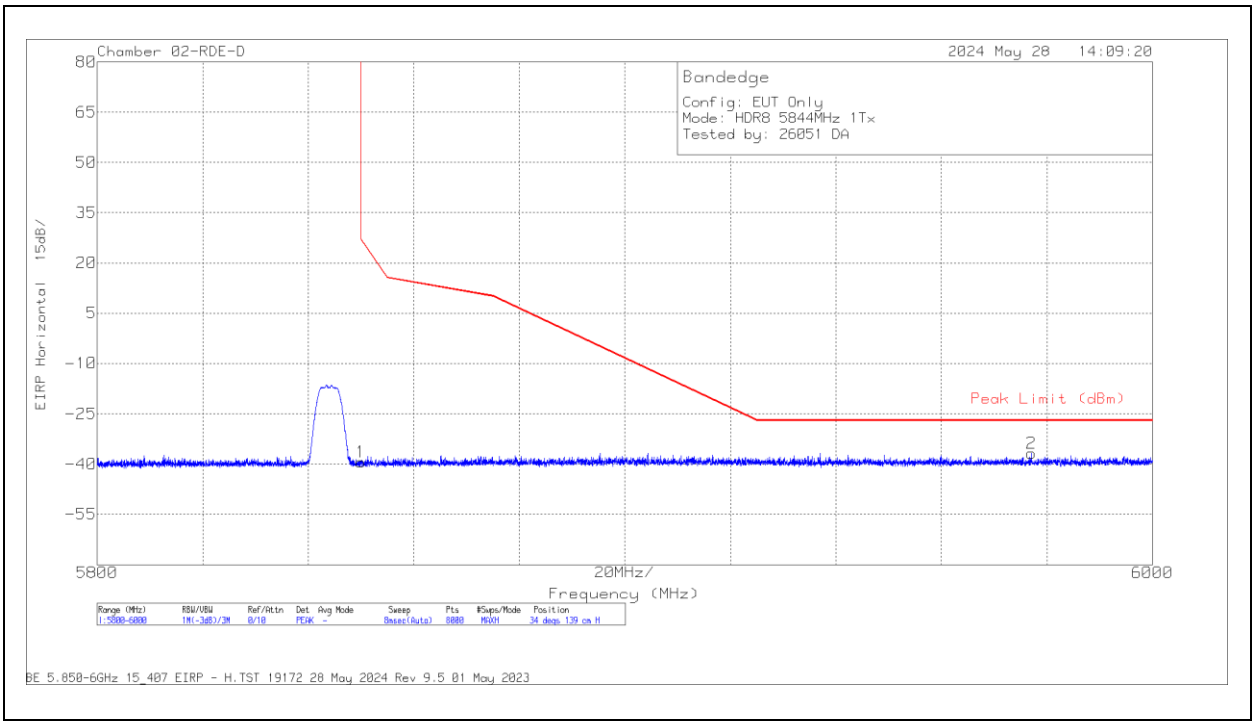
# BANDEDGE (HIGH CHANNEL)

## HORIZONTAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -70.45 | Pk | 35 | -15.7 | 11.8 | -39.35 | 27 | -66.35 | 34 | 139 | H |
| 2 | 5977.096 | -68.02 | Pk | 35.3 | -15.8 | 11.8 | -36.72 | -27 | -9.72 | 34 | 139 | H |

Pk - Peak detector



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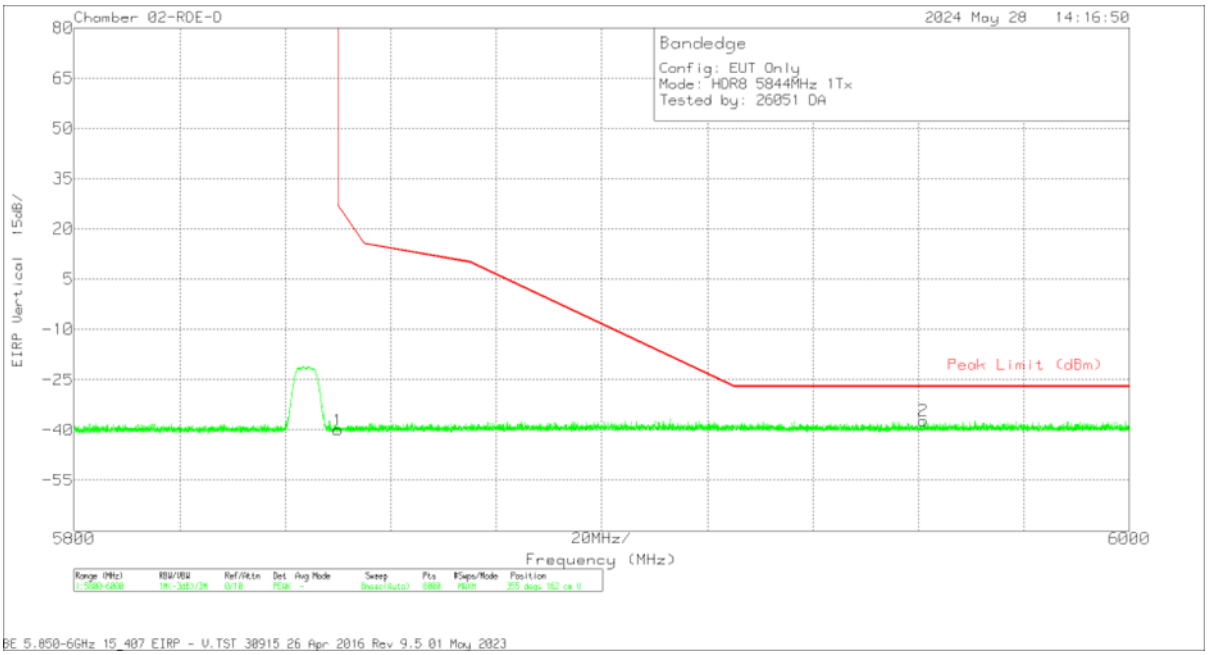
## VERTICAL RESULT




| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Conversion Factor (dB) | Corrected Reading EIRP (dBm) | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5850 | -71.14 | Pk | 35 | -15.7 | 11.8 | -40.04 | 27 | -67.04 | 355 | 162 | V |
| 2 | 5960.919 | -68.29 | Pk | 35.2 | -15.8 | 11.8 | -37.09 | -27 | -10.09 | 355 | 162 | V |

Pk - Peak detector



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