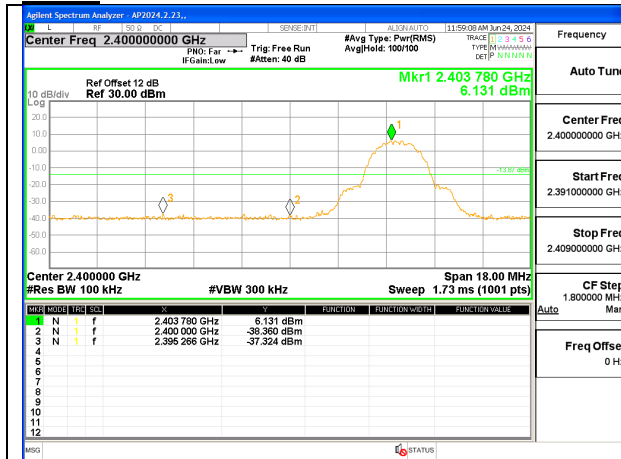
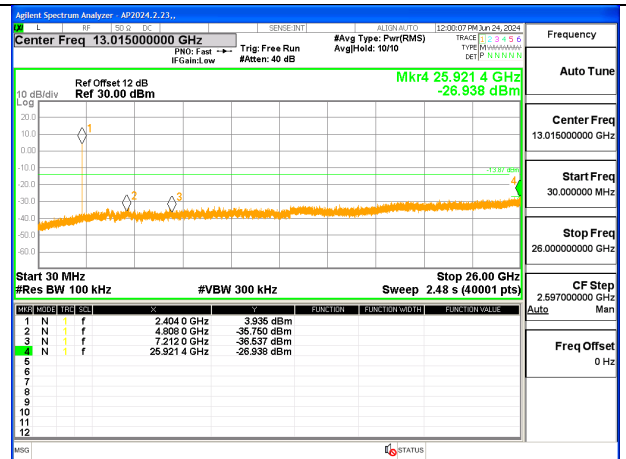


9.7.7. LOW POWER BLE (2Mbps)

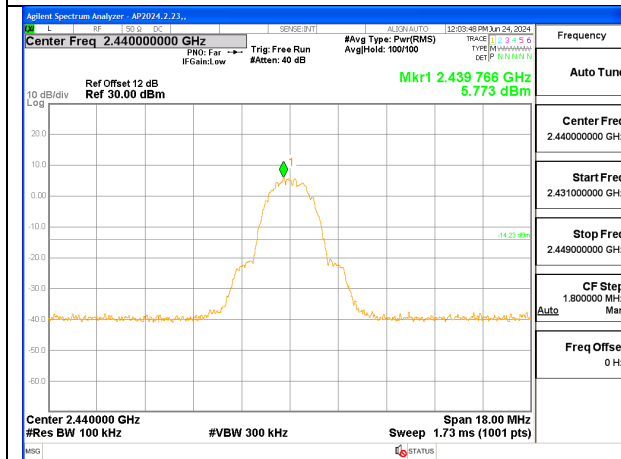
ANT 4



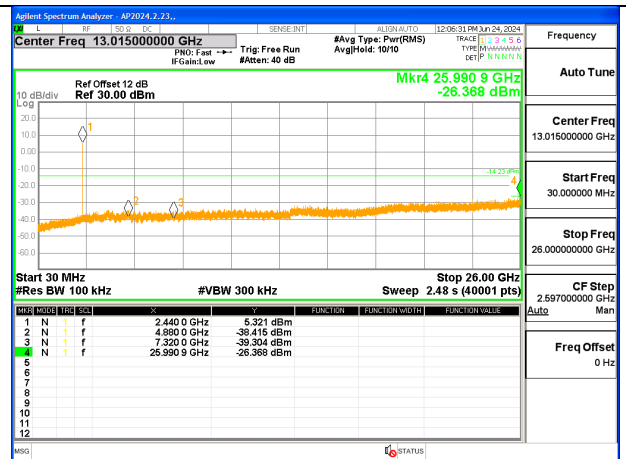
LOW CHANNEL BANDEDGE



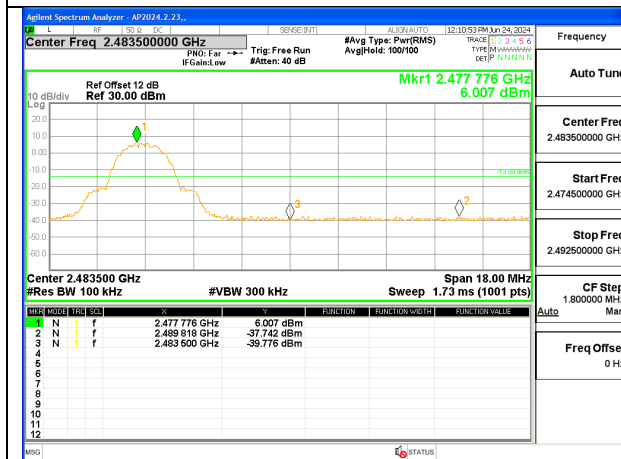
OUT-OF-BAND LOW CHANNEL



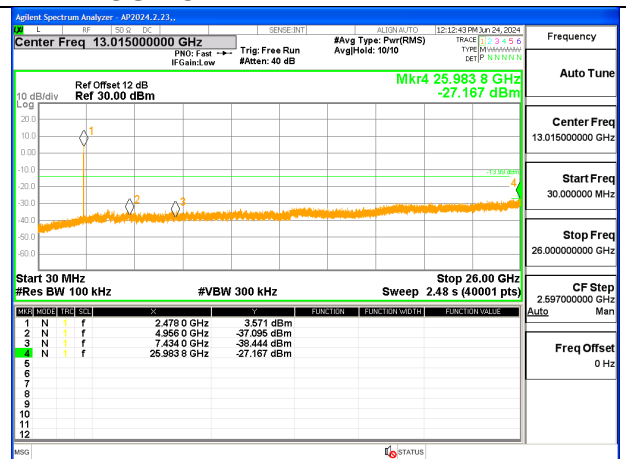
IN-BAND REFERENCE LEVEL



OUT-OF-BAND MID CHANNEL

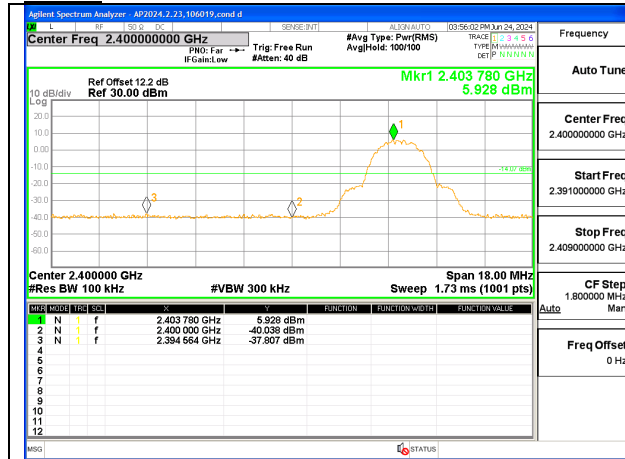


HIGH CHANNEL BANDEDGE

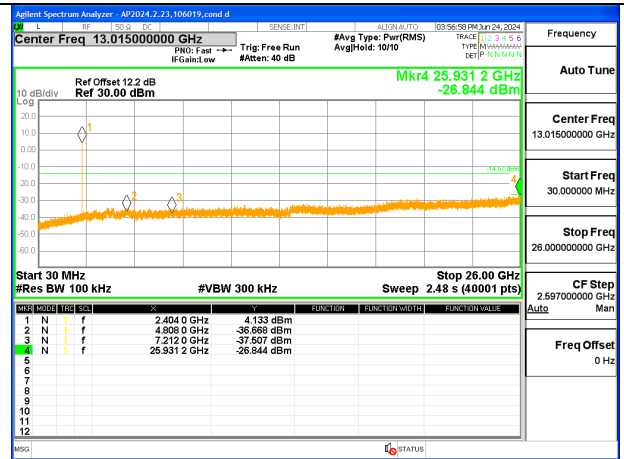


OUT-OF-BAND HIGH CHANNEL

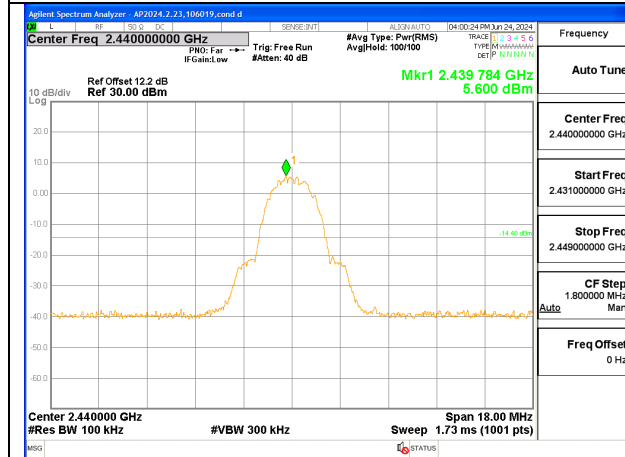
ANT 3



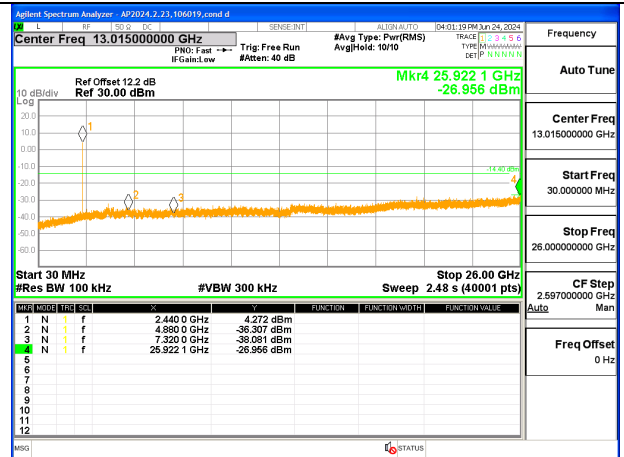
LOW CHANNEL BANDEDGE



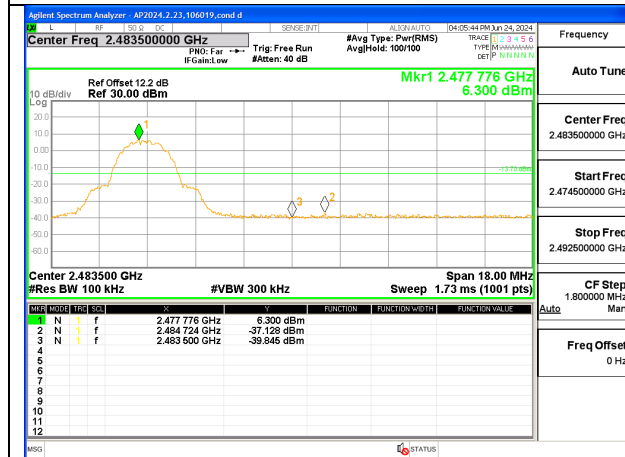
OUT-OF-BAND LOW CHANNEL



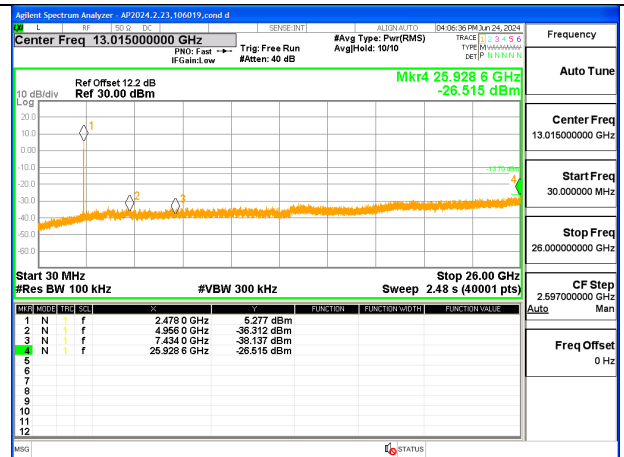
IN-BAND REFERENCE LEVEL



OUT-OF-BAND MID CHANNEL



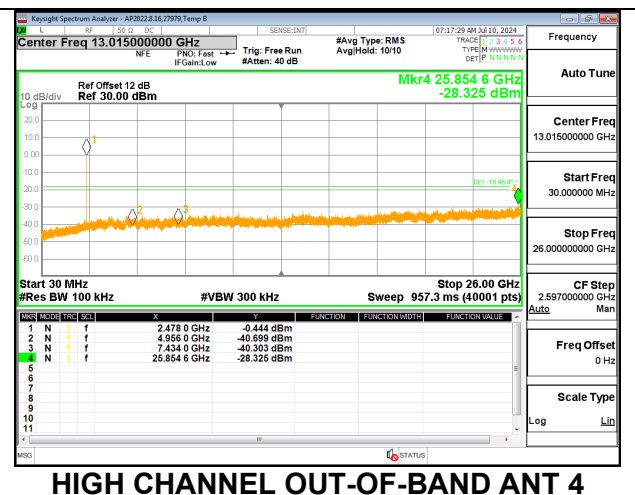
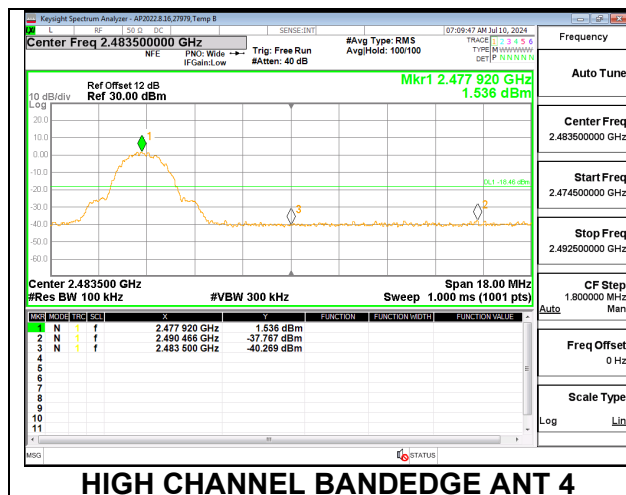
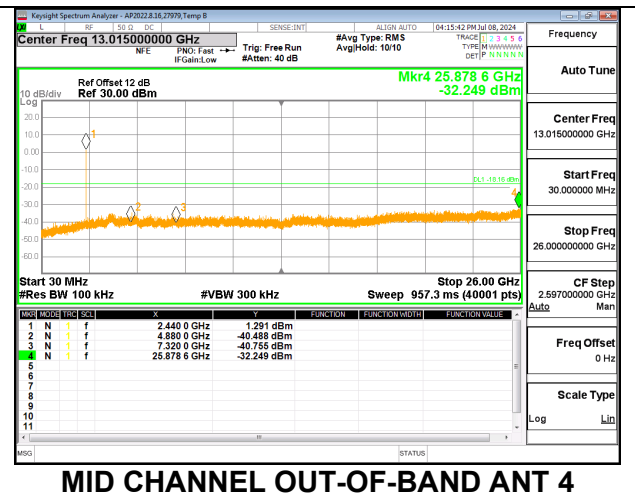
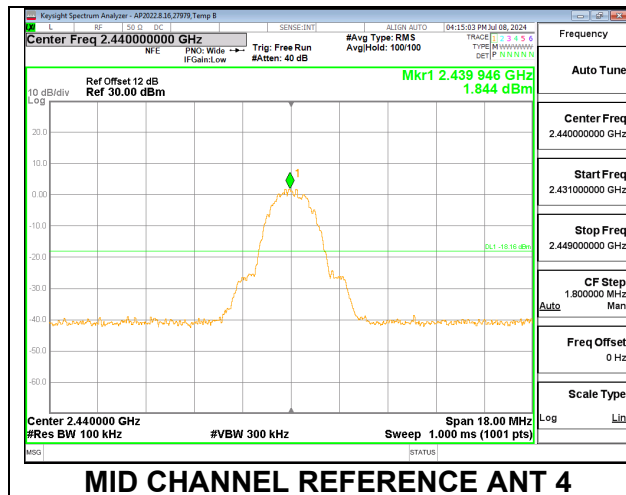
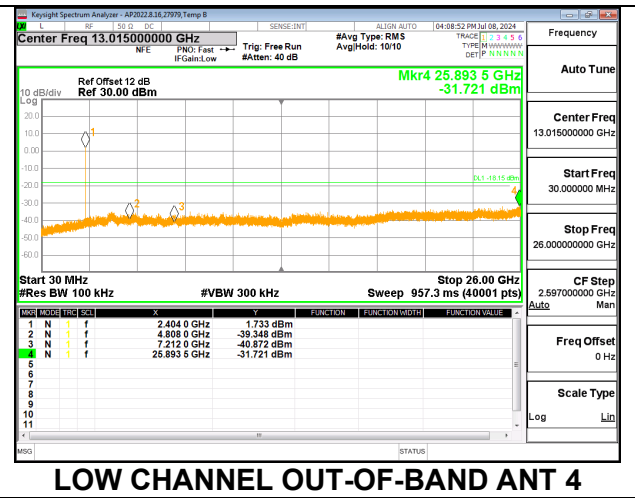
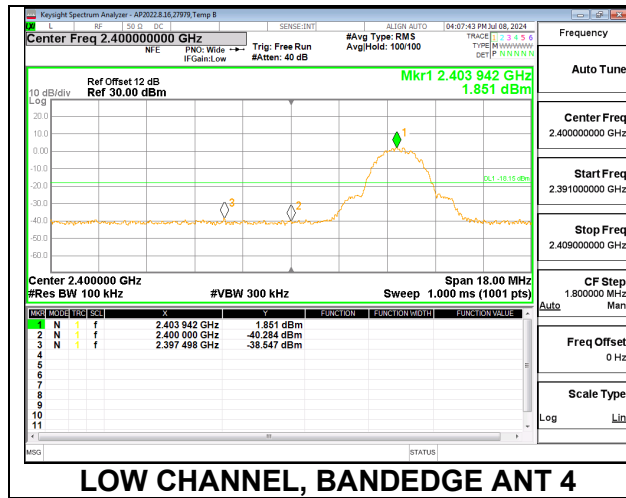
HIGH CHANNEL BANDEDGE



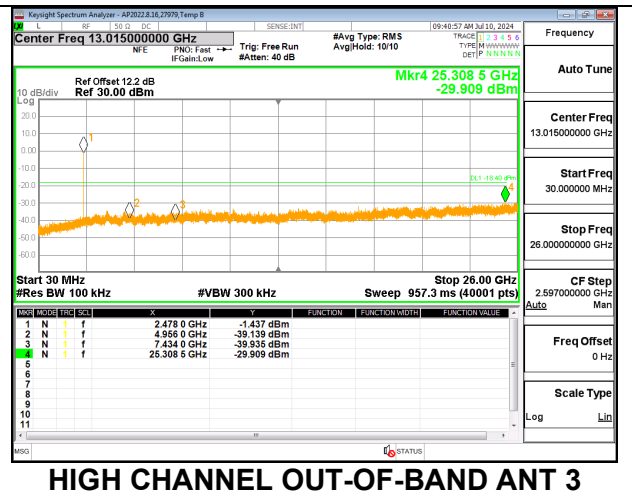
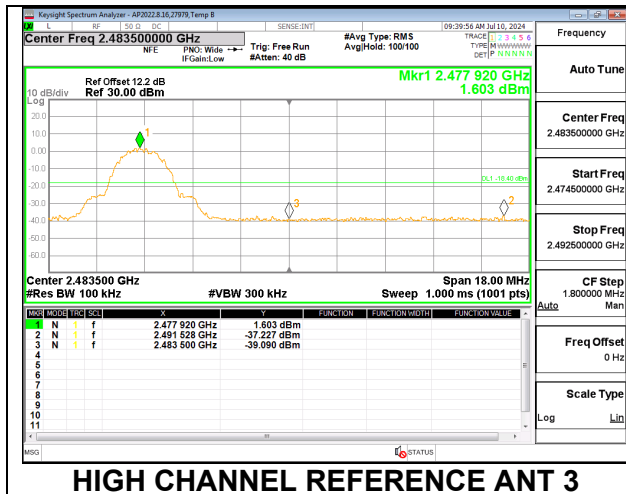
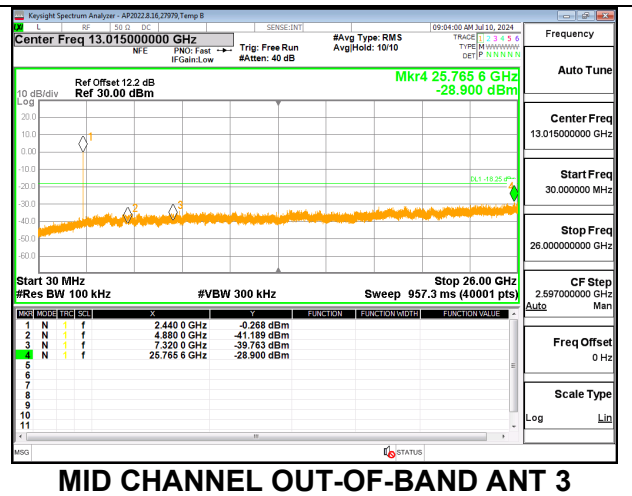
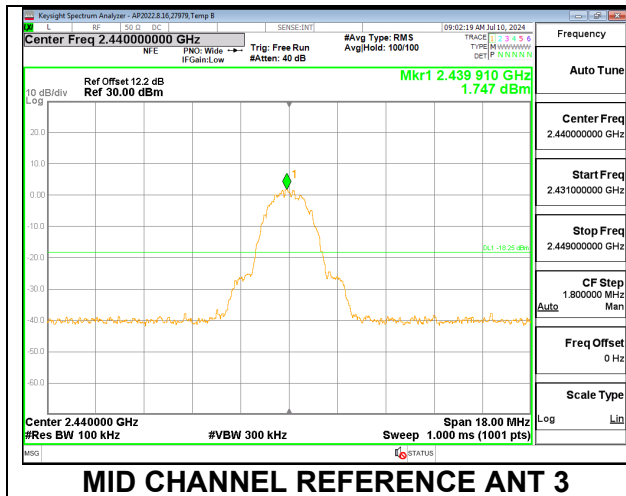
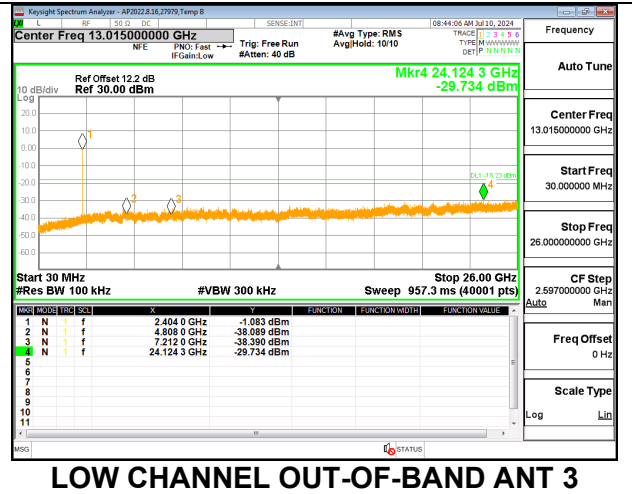
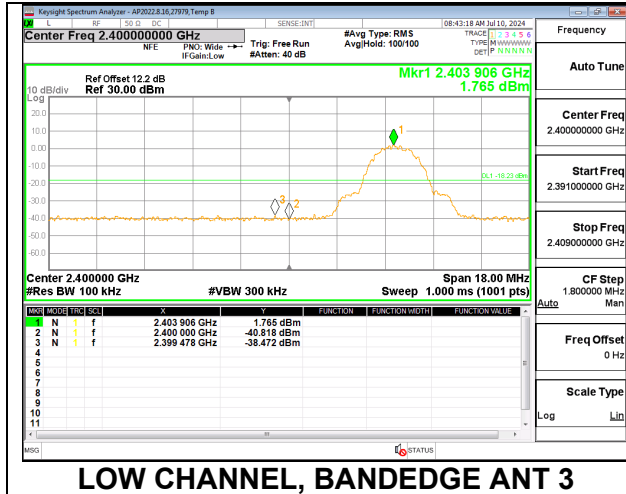
OUT-OF-BAND HIGH CHANNEL

9.7.8. LOW POWER BLE TXBF (2Mbps)

Note: Test procedures and setting are same as BLE normal mode.



LOW POWER (2Mbps)



10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10.

| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|-----------------------|------------------------------------|--------------------------------------|
| 0.009-0.490 | 2400/F(kHz) @ 300 m | - |
| 0.490-1.705 | 24000/F(kHz) @ 30 m | - |
| 1.705 - 30 | 30 @ 30m | - |
| 30 - 88 | 100 | 40 |
| 88 - 216 | 150 | 43.5 |
| 216 - 960 | 200 | 46 |
| Above 960 | 500 | 54 |

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz: 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only. Blue color trace on plots: Parallel orientation. Green color trace on plots: Perpendicular orientation.

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

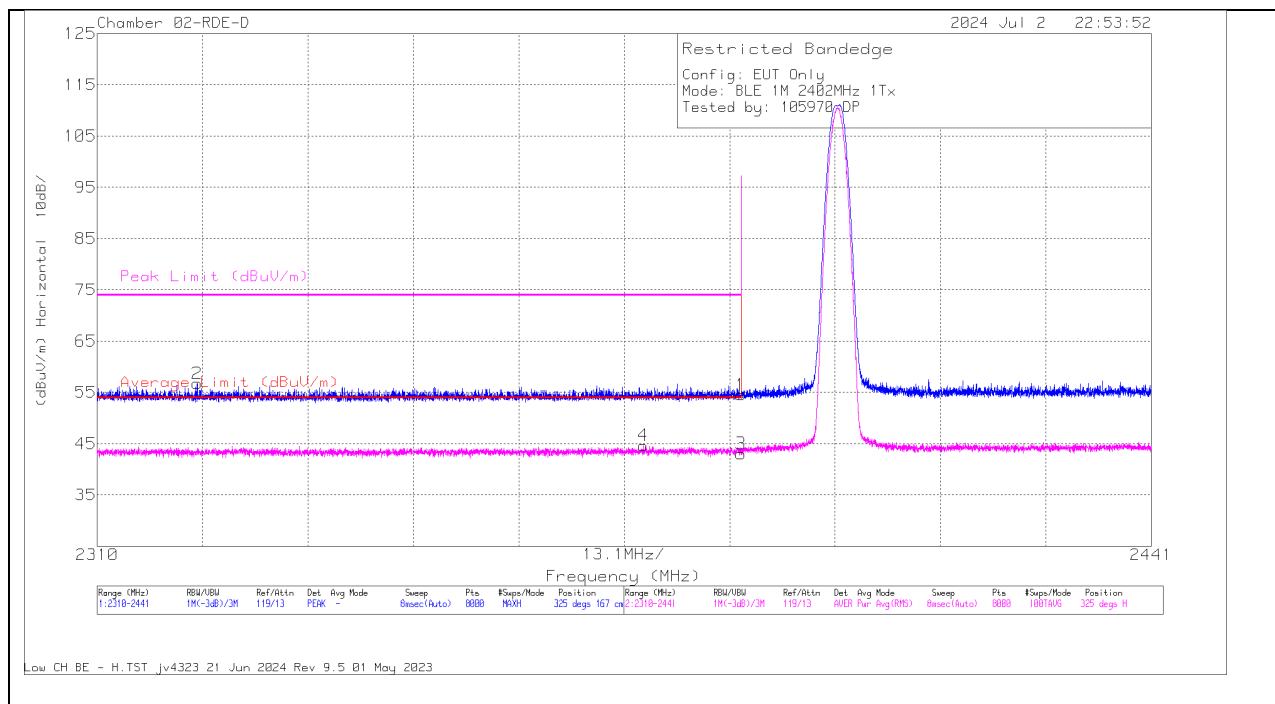
10.2. TRANSMITTER ABOVE 1 GHz

10.2.1. HIGH POWER BLE (1Mbps)

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



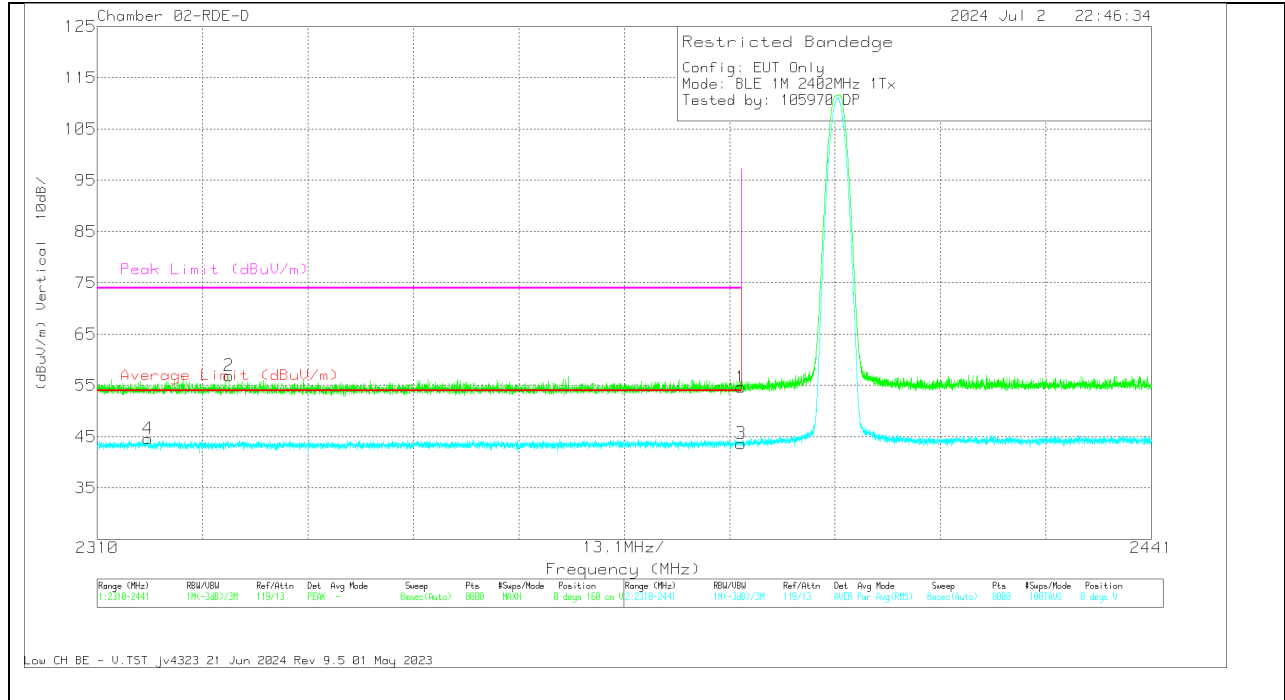
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.94 | Pk | 32.2 | -19.6 | 54.54 | - | - | 74 | -19.46 | 325 | 167 | H |
| 2 | * 2322.43 | 44.53 | Pk | 32 | -19.8 | 56.73 | - | - | 74 | -17.27 | 325 | 167 | H |
| 3 | * 2390 | 30.42 | RMS | 32.2 | -19.6 | 43.02 | 54 | -10.98 | - | - | 325 | 167 | H |
| 4 | * 2377.866 | 32.15 | RMS | 32.2 | -19.7 | 44.65 | 54 | -9.35 | - | - | 325 | 167 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42.06 | Pk | 32.2 | -19.6 | 54.66 | - | - | 74 | -19.34 | 0 | 160 | V |
| 2 | * 2326.377 | 44.6 | Pk | 32 | -19.7 | 56.9 | - | - | 74 | -17.1 | 0 | 160 | V |
| 3 | * 2390 | 31.06 | RMS | 32.2 | -19.6 | 43.66 | 54 | -10.34 | - | - | 0 | 160 | V |
| 4 | * 2316.305 | 32.33 | RMS | 32 | -19.7 | 44.63 | 54 | -9.37 | - | - | 0 | 160 | V |

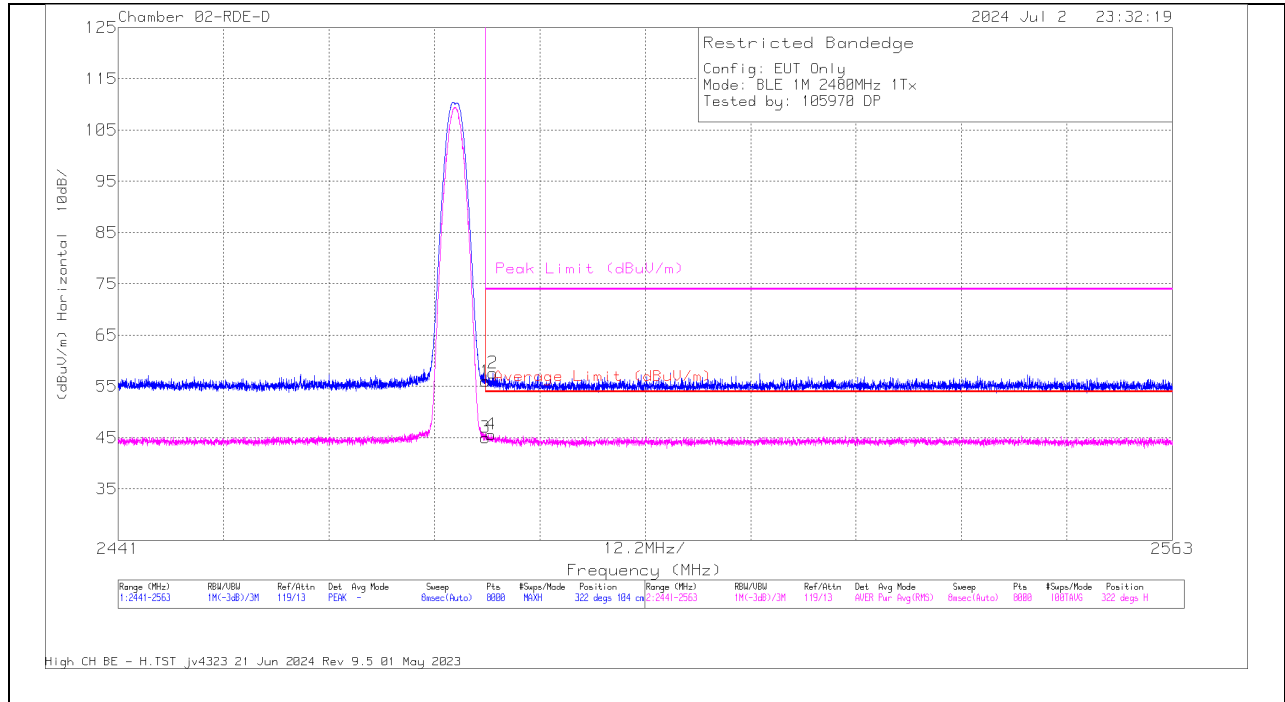
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

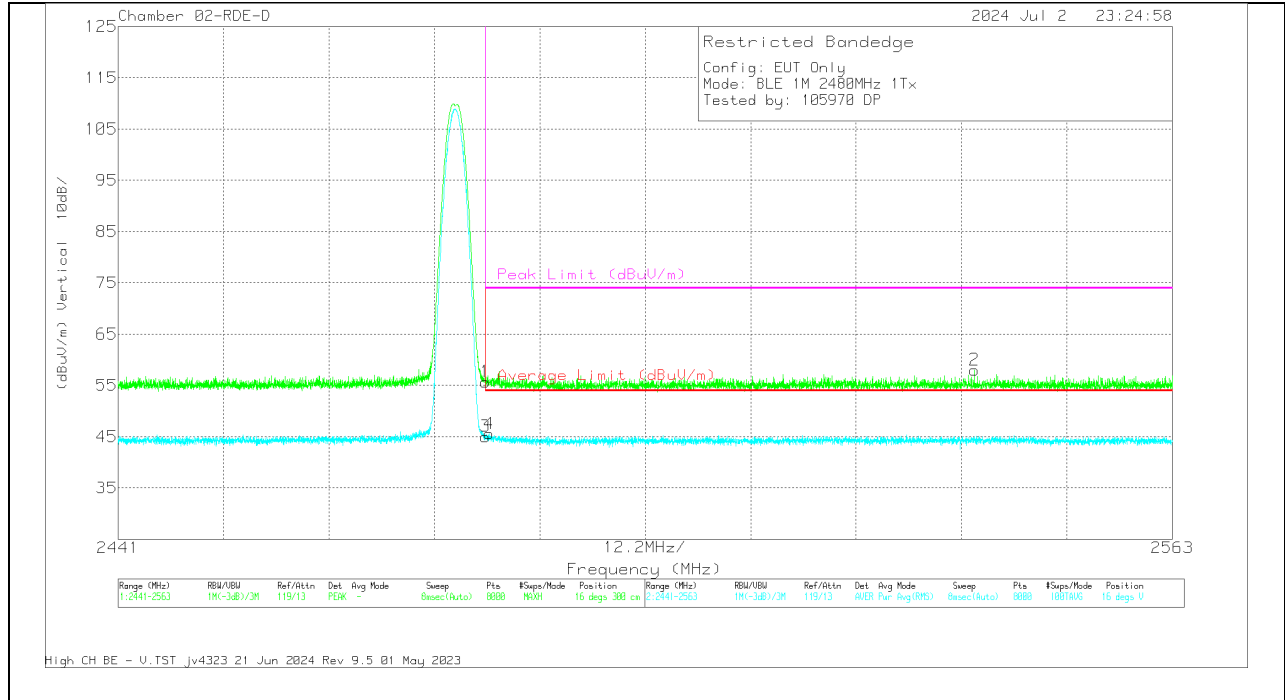
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 43.21 | PK | 32.4 | -19.6 | 56.01 | - | - | 74 | -17.99 | 322 | 104 | H |
| 2 | * 2484.392 | 44.83 | PK | 32.4 | -19.6 | 57.63 | - | - | 74 | -16.37 | 322 | 104 | H |
| 3 | * 2483.5 | 32.23 | RMS | 32.4 | -19.6 | 45.03 | 54 | -8.97 | - | - | 322 | 104 | H |
| 4 | * 2484.148 | 32.84 | RMS | 32.4 | -19.6 | 45.64 | 54 | -8.36 | - | - | 322 | 104 | H |

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

VERTICAL RESULT



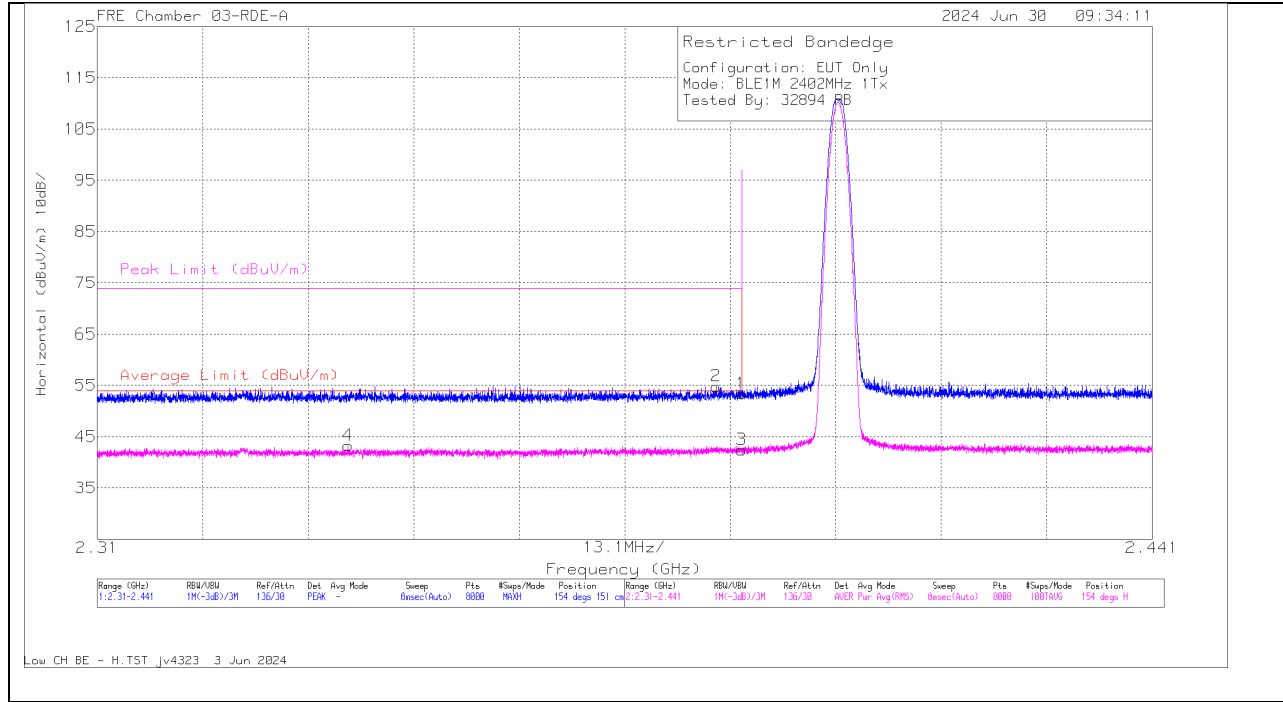
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dBm) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.87 | Pk | 32.4 | -19.6 | 55.67 | - | - | 74 | -18.33 | 16 | 300 | V |
| 3 | * 2483.5 | 32.23 | RMS | 32.4 | -19.6 | 45.03 | 54 | -8.97 | - | - | 16 | 300 | V |
| 4 | * 2483.95 | 32.77 | RMS | 32.4 | -19.6 | 45.57 | 54 | -8.43 | - | - | 16 | 300 | V |
| 2 | 2540.108 | 44.91 | Pk | 32.4 | -19.3 | 58.01 | - | - | 74 | -15.99 | 16 | 300 | V |

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

ANT 3

BANDEDGE (LOW CHANNEL)

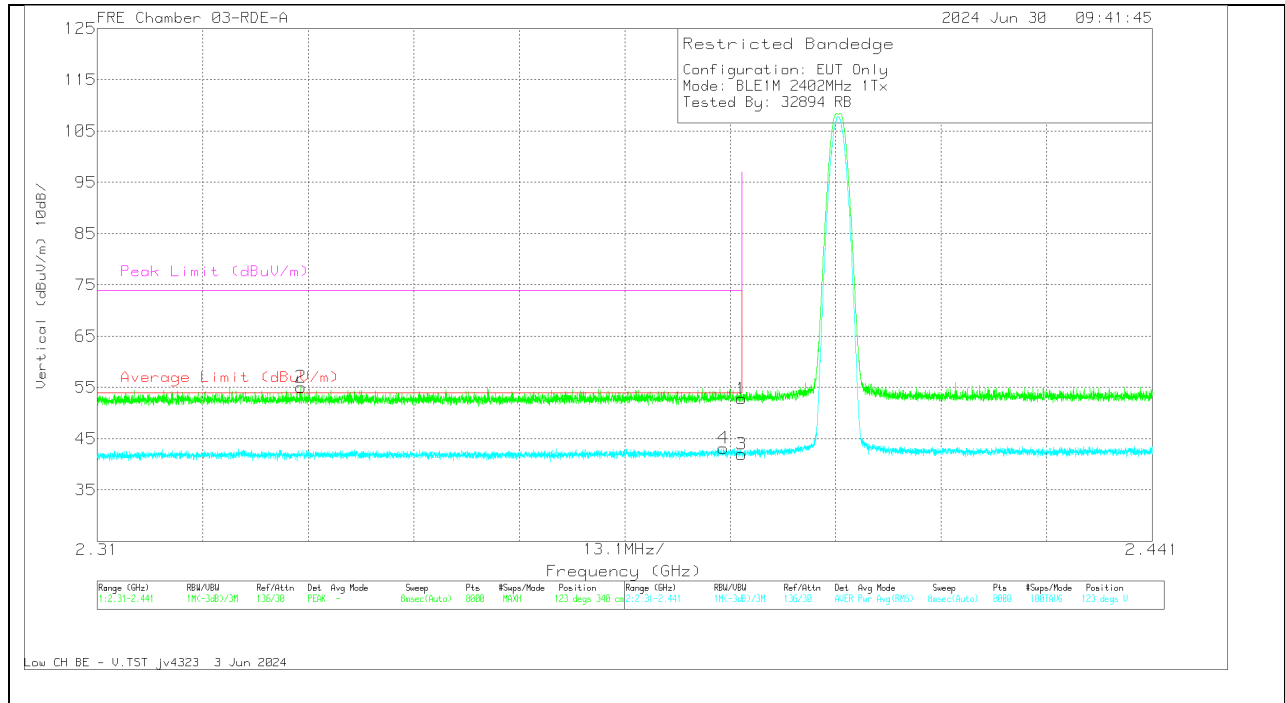
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 61.4 | Pk | 32.1 | -40.07 | 53.43 | - | - | 74 | -20.57 | 154 | 151 | H |
| 2 | * 2.386857 | 62.8 | Pk | 32.1 | -40.06 | 54.84 | - | - | 74 | -19.16 | 154 | 151 | H |
| 3 | * 2.39 | 50.43 | RMS | 32.1 | -40.07 | 42.46 | 54 | -11.54 | - | - | 154 | 151 | H |
| 4 | * 2.341149 | 51.42 | RMS | 32 | -40.15 | 43.27 | 54 | -10.73 | - | - | 154 | 151 | H |

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

VERTICAL RESULT

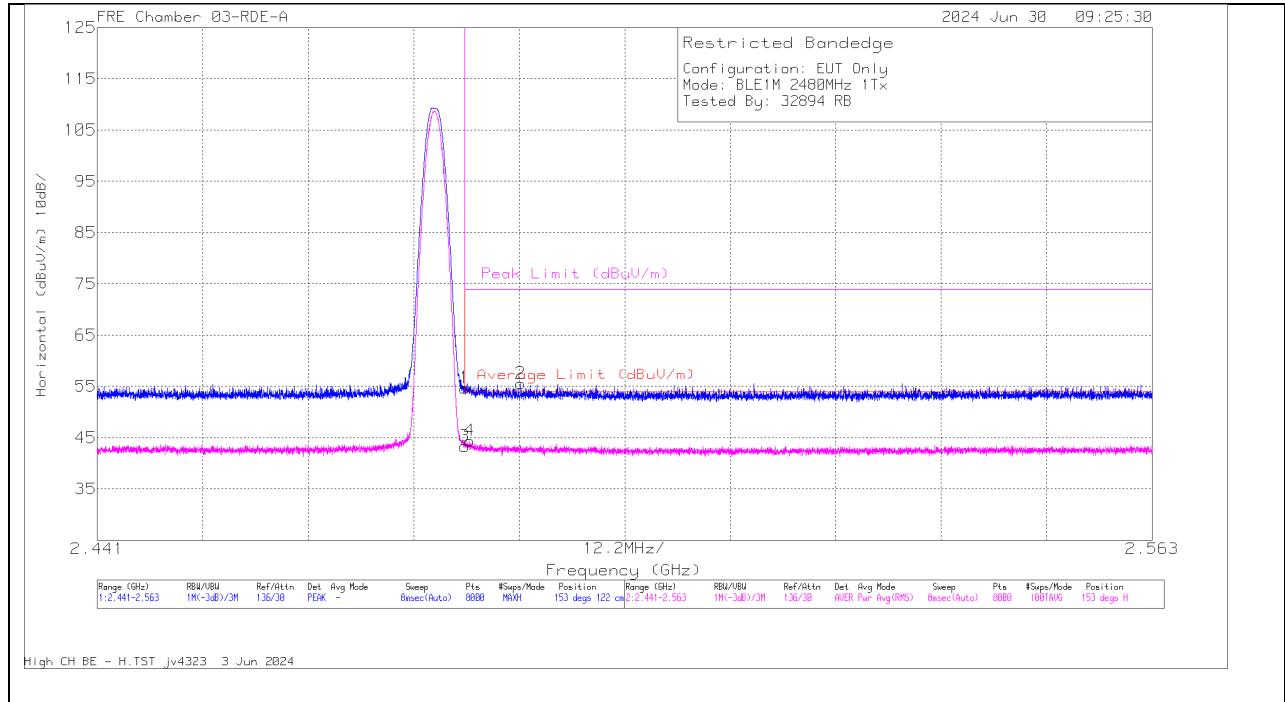


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 60.79 | PK | 32.1 | -40.07 | 52.82 | - | - | 74 | -21.18 | 123 | 340 | V |
| 2 | * 2.335302 | 63.26 | PK | 32 | -40.19 | 55.07 | - | - | 74 | -18.93 | 123 | 340 | V |
| 3 | * 2.39 | 49.96 | RMS | 32.1 | -40.07 | 41.99 | 54 | -12.01 | - | - | 123 | 340 | V |
| 4 | * 2.387742 | 51.13 | RMS | 32.1 | -40.05 | 43.18 | 54 | -10.82 | - | - | 123 | 340 | V |

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

BANDEDGE (HIGH CHANNEL)

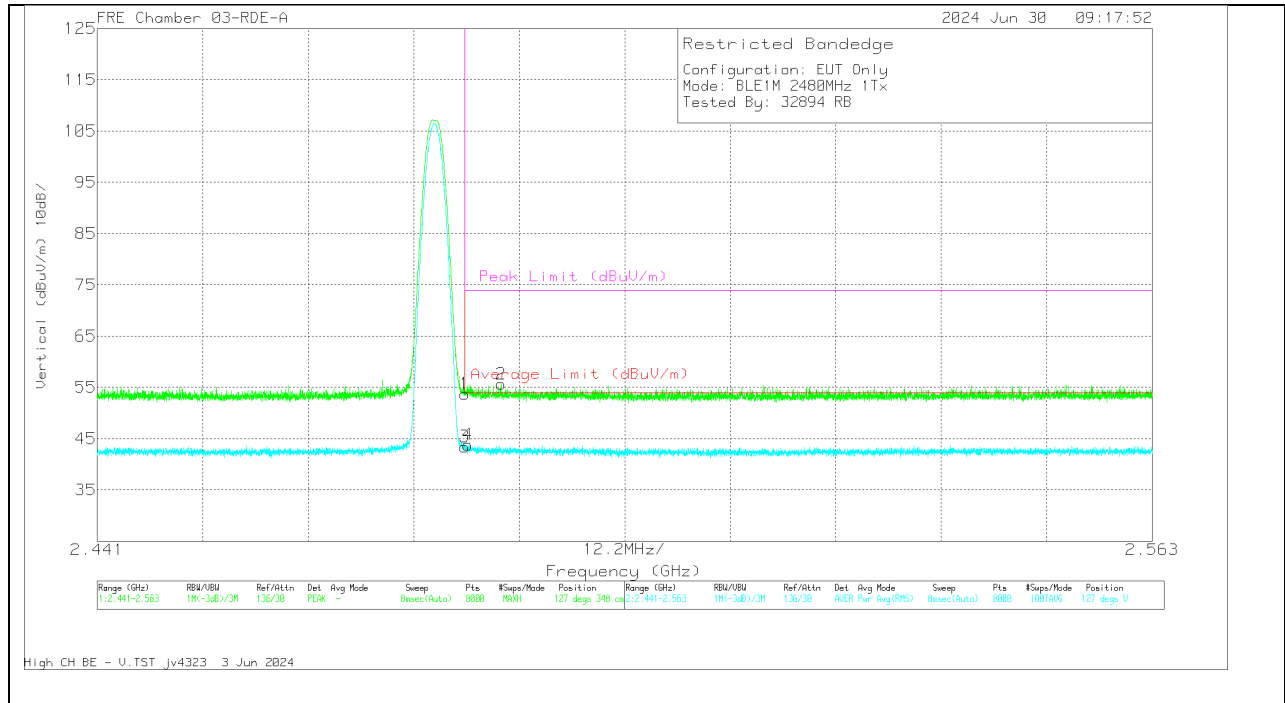
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 22673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 62.33 | PK | 32.2 | -39.84 | 54.69 | - | - | 74 | -19.31 | 153 | 122 | H |
| 2 | * 2.489989 | 63.01 | PK | 32.3 | -39.76 | 55.55 | - | - | 74 | -18.45 | 153 | 122 | H |
| 3 | * 2.4835 | 50.97 | RMS | 32.2 | -39.84 | 43.33 | 54 | -10.67 | - | - | 153 | 122 | H |
| 4 | * 2.484072 | 52.05 | RMS | 32.2 | -39.83 | 44.42 | 54 | -9.58 | - | - | 153 | 122 | H |

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

VERTICAL RESULT



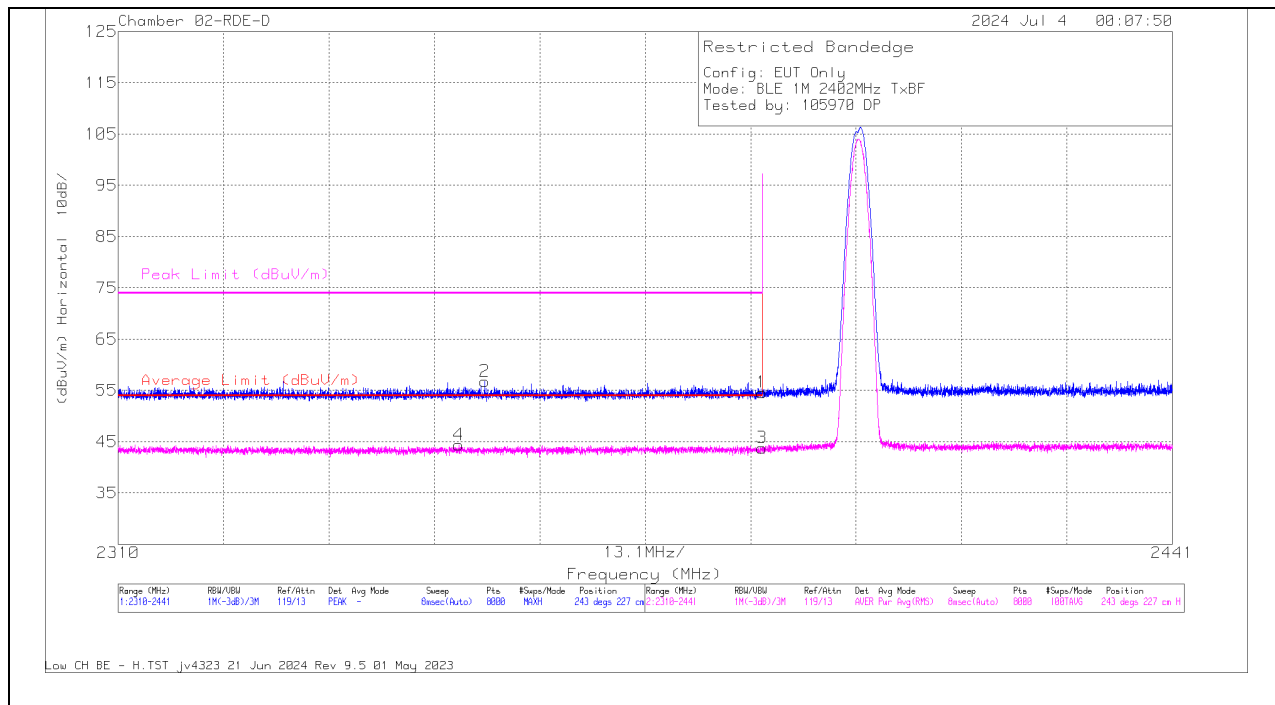
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 61.36 | PK | 32.2 | -39.84 | 53.72 | - | - | 74 | -20.28 | 127 | 348 | V |
| 2 | * 2.487686 | 63.08 | PK | 32.3 | -39.76 | 55.62 | - | - | 74 | -18.38 | 127 | 348 | V |
| 3 | * 2.4835 | 51.06 | RMS | 32.2 | -39.84 | 43.42 | 54 | -10.58 | - | - | 127 | 348 | V |
| 4 | * 2.483873 | 51.44 | RMS | 32.2 | -39.83 | 43.81 | 54 | -10.19 | - | - | 127 | 348 | V |

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

10.2.2. HIGH POWER BLE TXBF (1Mbps)

BANDEDGE (LOW CHANNEL)

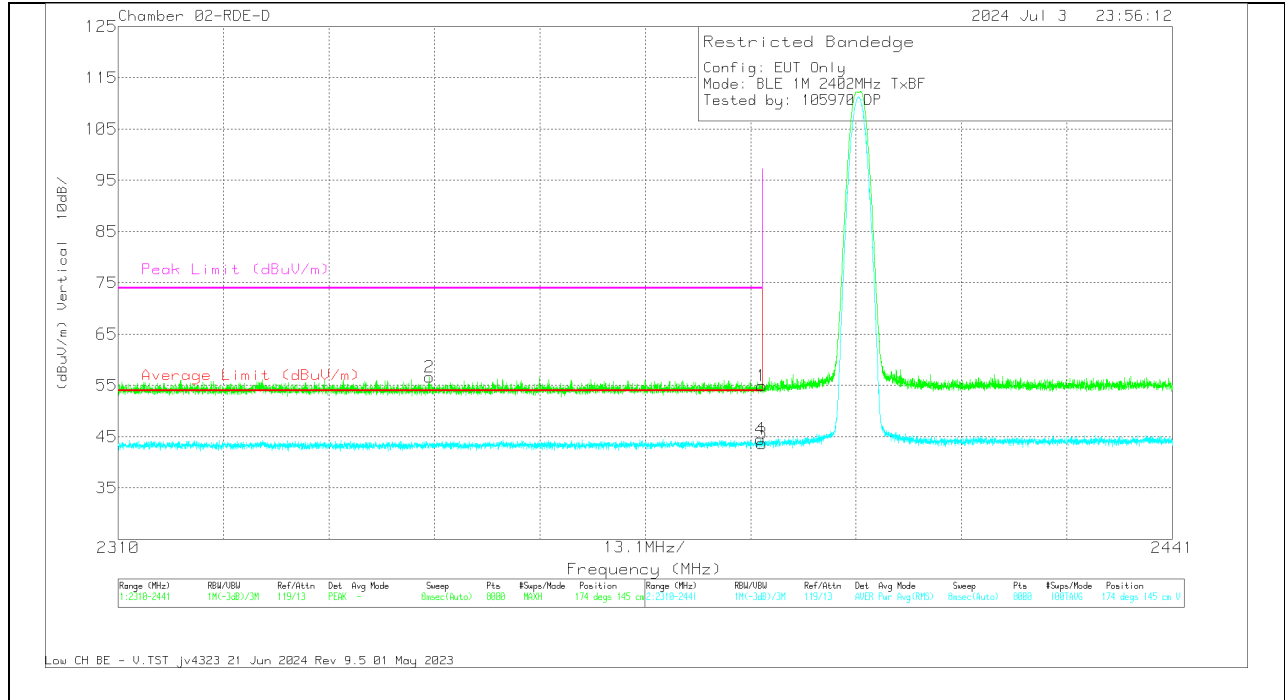
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/CbI (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42 | Pk | 32.2 | -19.6 | 54.6 | - | - | 74 | -19.4 | 243 | 227 | H |
| 2 | * 2355.544 | 44.37 | Pk | 32.1 | -19.7 | 56.77 | - | - | 74 | -17.23 | 243 | 227 | H |
| 3 | * 2390 | 31.21 | RMS | 32.2 | -19.6 | 43.81 | 54 | -10.19 | - | - | 243 | 227 | H |
| 4 | * 2352.318 | 31.97 | RMS | 32.1 | -19.7 | 44.37 | 54 | -9.63 | - | - | 243 | 227 | H |

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

VERTICAL RESULT

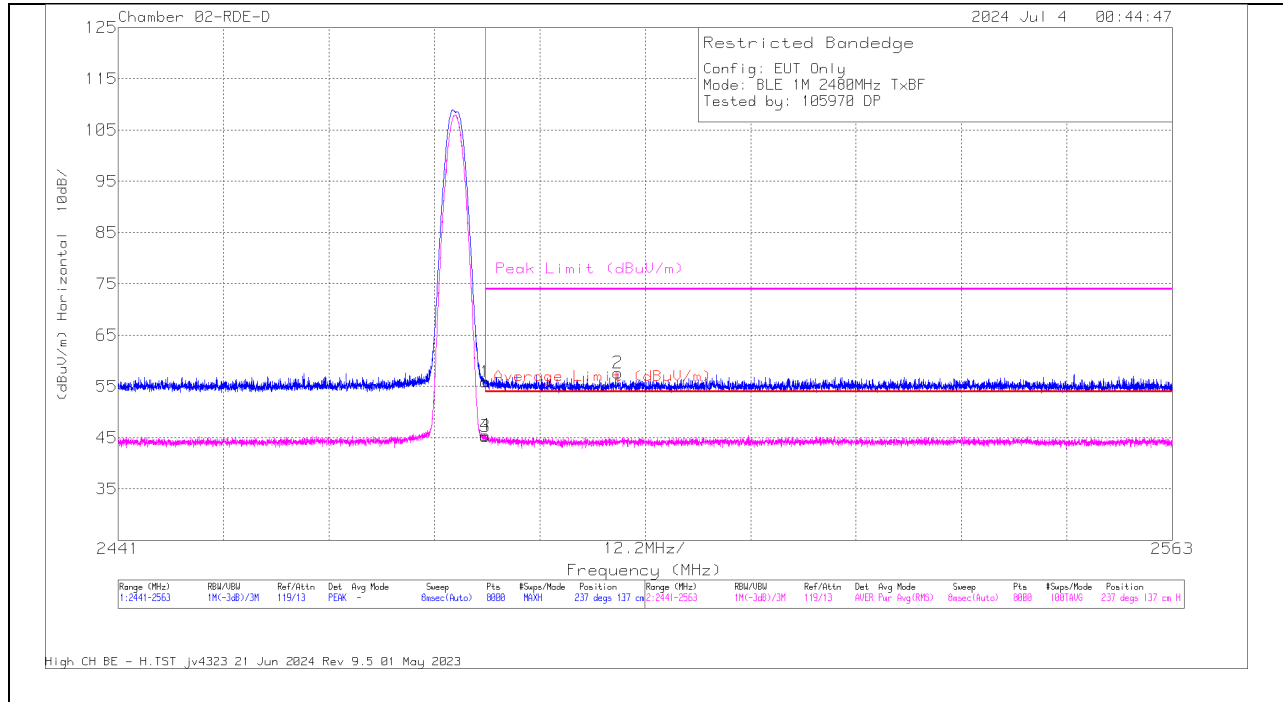


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42.29 | Pk | 32.2 | -19.6 | 54.89 | - | - | 74 | -19.11 | 174 | 145 | V |
| 2 | * 2348.666 | 44.23 | Pk | 32.1 | -19.7 | 56.63 | - | - | 74 | -17.37 | 174 | 145 | V |
| 3 | * 2390 | 31.1 | RMS | 32.2 | -19.6 | 43.7 | 54 | -10.3 | - | - | 174 | 145 | V |
| 4 | * 2389.789 | 31.9 | RMS | 32.2 | -19.6 | 44.5 | 54 | -9.5 | - | - | 174 | 145 | V |

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

BANDEDGE (HIGH CHANNEL)

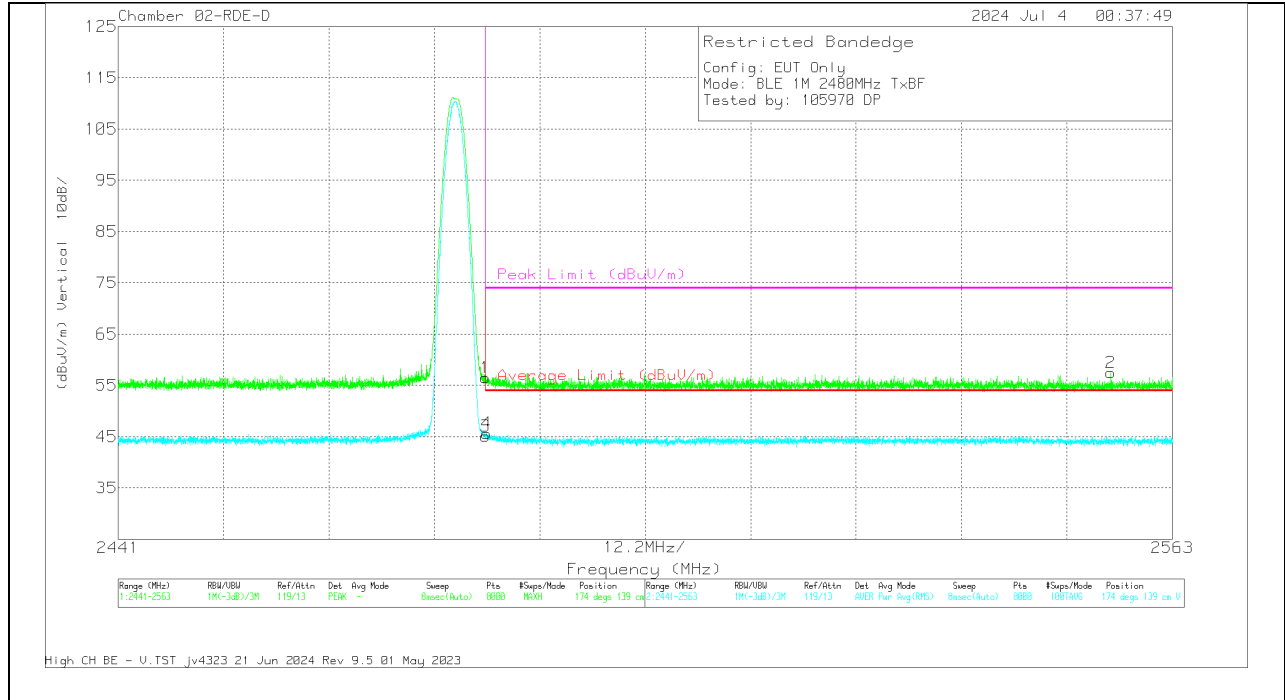
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 43.09 | PK | 32.4 | -19.6 | 55.89 | - | - | 74 | -18.11 | 237 | 137 | H |
| 2 | * 2498.82 | 44.64 | PK | 32.4 | -19.4 | 57.64 | - | - | 74 | -16.36 | 237 | 137 | H |
| 3 | * 2483.5 | 32.45 | RMS | 32.4 | -19.6 | 45.25 | 54 | -8.75 | - | - | 237 | 137 | H |
| 4 | * 2483.507 | 32.69 | RMS | 32.4 | -19.6 | 45.49 | 54 | -8.51 | - | - | 237 | 137 | H |

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

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dBm) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 43.68 | Pk | 32.4 | -19.6 | 56.48 | - | - | 74 | -17.52 | 174 | 139 | V |
| 3 | * 2483.5 | 32.28 | RMS | 32.4 | -19.6 | 45.08 | 54 | -8.92 | - | - | 174 | 139 | V |
| 4 | * 2483.66 | 32.8 | RMS | 32.4 | -19.6 | 45.6 | 54 | -8.4 | - | - | 174 | 139 | V |
| 2 | 2555.878 | 44.48 | Pk | 32.3 | -19.3 | 57.48 | - | - | 74 | -16.52 | 174 | 139 | V |

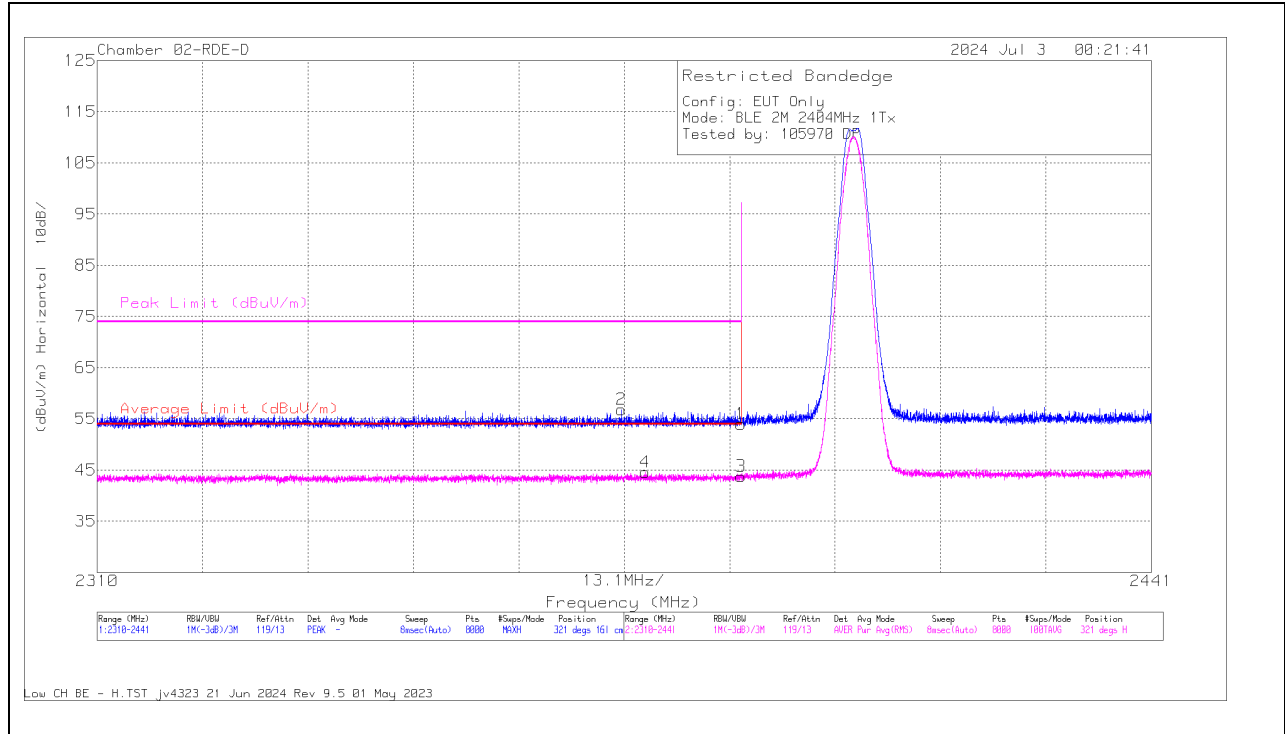
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

10.2.3. HIGH POWER BLE (2Mbps)

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



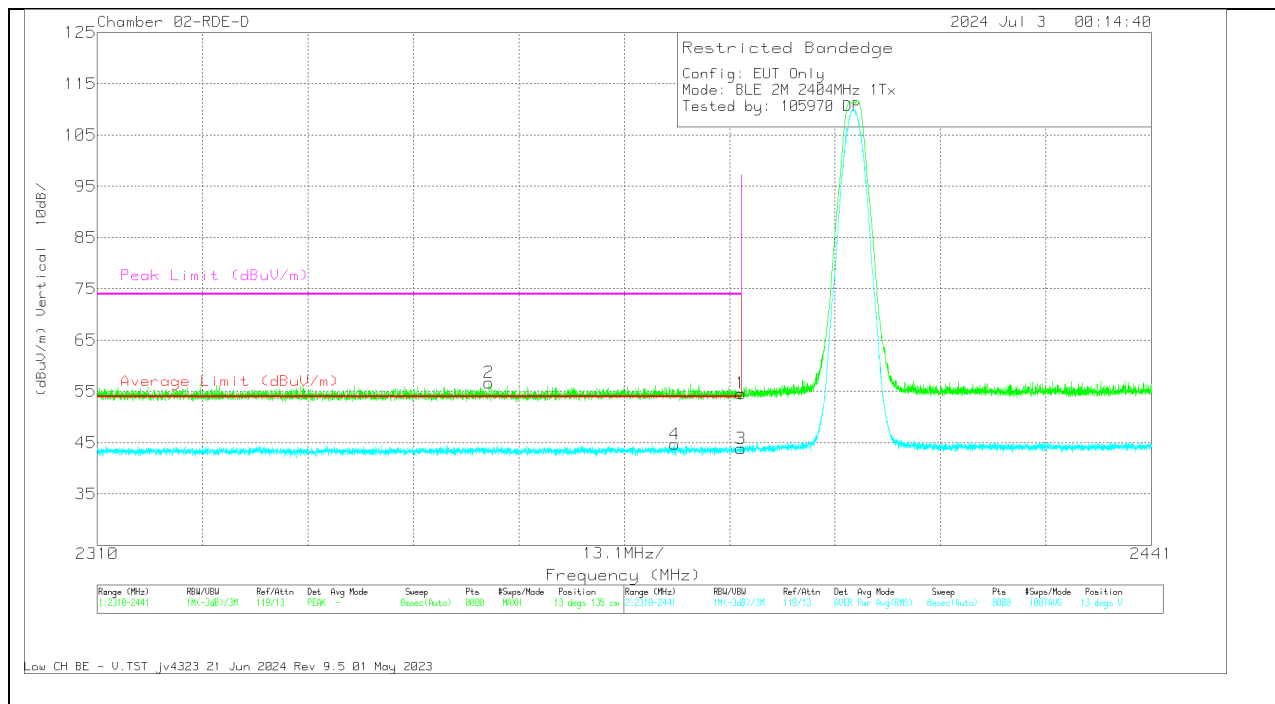
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.41 | Pk | 32.2 | -19.6 | 54.01 | - | - | 74 | -19.99 | 321 | 161 | H |
| 2 | * 2375.164 | 44.32 | Pk | 32.2 | -19.7 | 56.82 | - | - | 74 | -17.18 | 321 | 161 | H |
| 3 | * 2390 | 31.16 | RMS | 32.2 | -19.6 | 43.76 | 54 | -10.24 | - | - | 321 | 161 | H |
| 4 | * 2378.128 | 32.06 | RMS | 32.2 | -19.7 | 44.56 | 54 | -9.44 | - | - | 321 | 161 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42 | Pk | 32.2 | -19.6 | 54.6 | - | - | 74 | -19.4 | 13 | 135 | V |
| 2 | * 2358.689 | 44.3 | Pk | 32.1 | -19.7 | 56.7 | - | - | 74 | -17.3 | 13 | 135 | V |
| 3 | * 2390 | 31.24 | RMS | 32.2 | -19.6 | 43.84 | 54 | -10.16 | - | - | 13 | 135 | V |
| 4 | * 2381.78 | 32.23 | RMS | 32.2 | -19.7 | 44.73 | 54 | -9.27 | - | - | 13 | 135 | V |

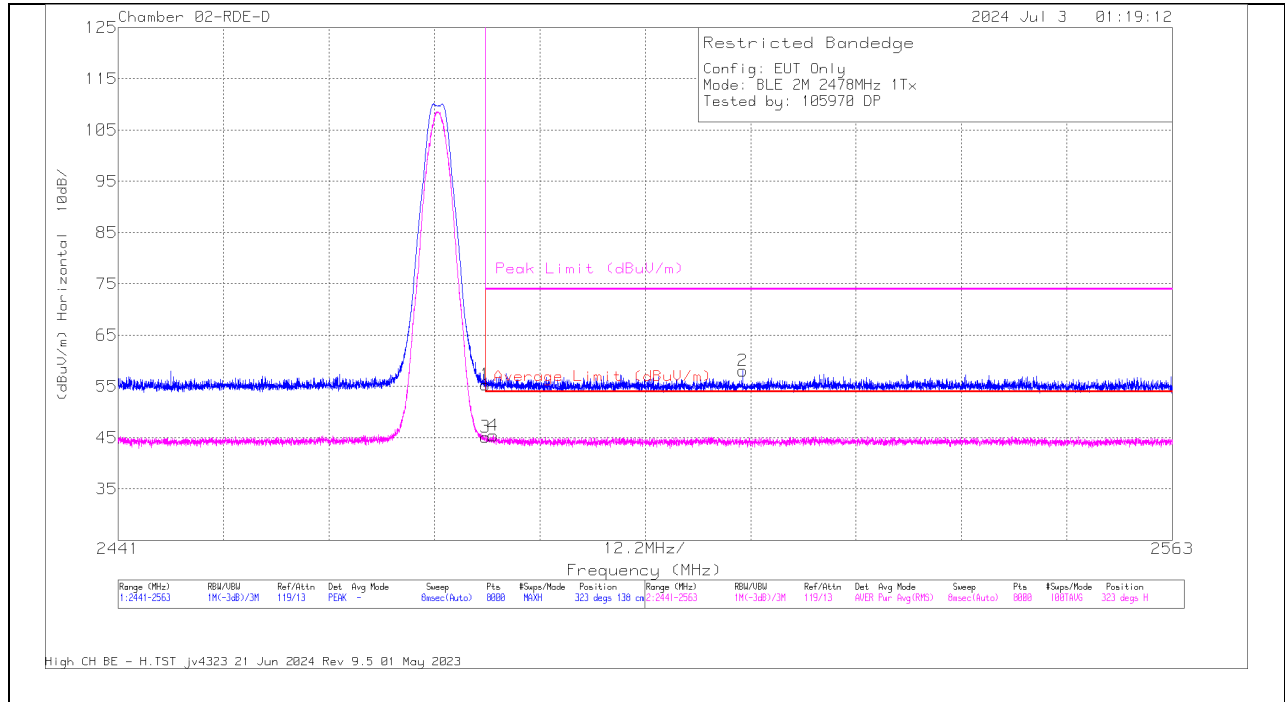
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

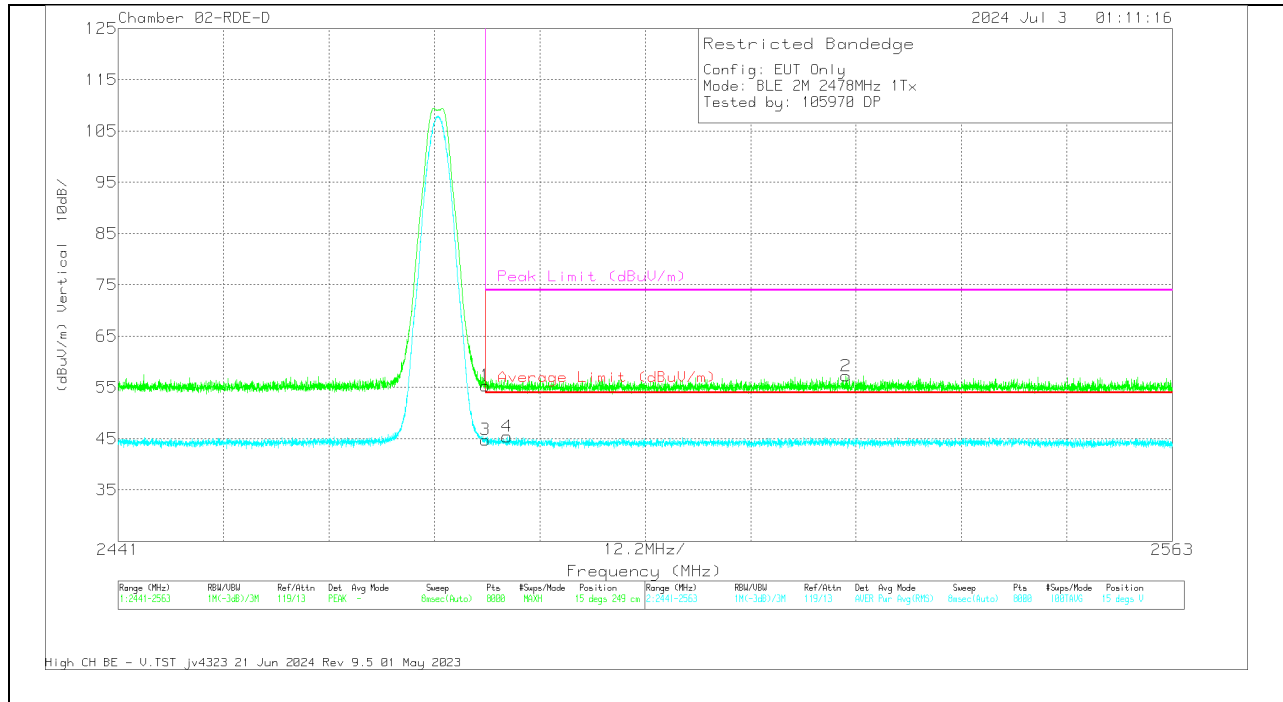
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.52 | PK | 32.4 | -19.6 | 55.32 | - | - | 74 | -18.68 | 323 | 138 | H |
| 3 | * 2483.5 | 32.32 | RMS | 32.4 | -19.6 | 45.12 | 54 | -8.88 | - | - | 323 | 138 | H |
| 4 | * 2484.407 | 32.63 | RMS | 32.4 | -19.6 | 45.43 | 54 | -8.57 | - | - | 323 | 138 | H |
| 2 | 2513.294 | 45.07 | PK | 32.4 | -19.4 | 58.07 | - | - | 74 | -15.93 | 323 | 138 | H |

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

VERTICAL RESULT



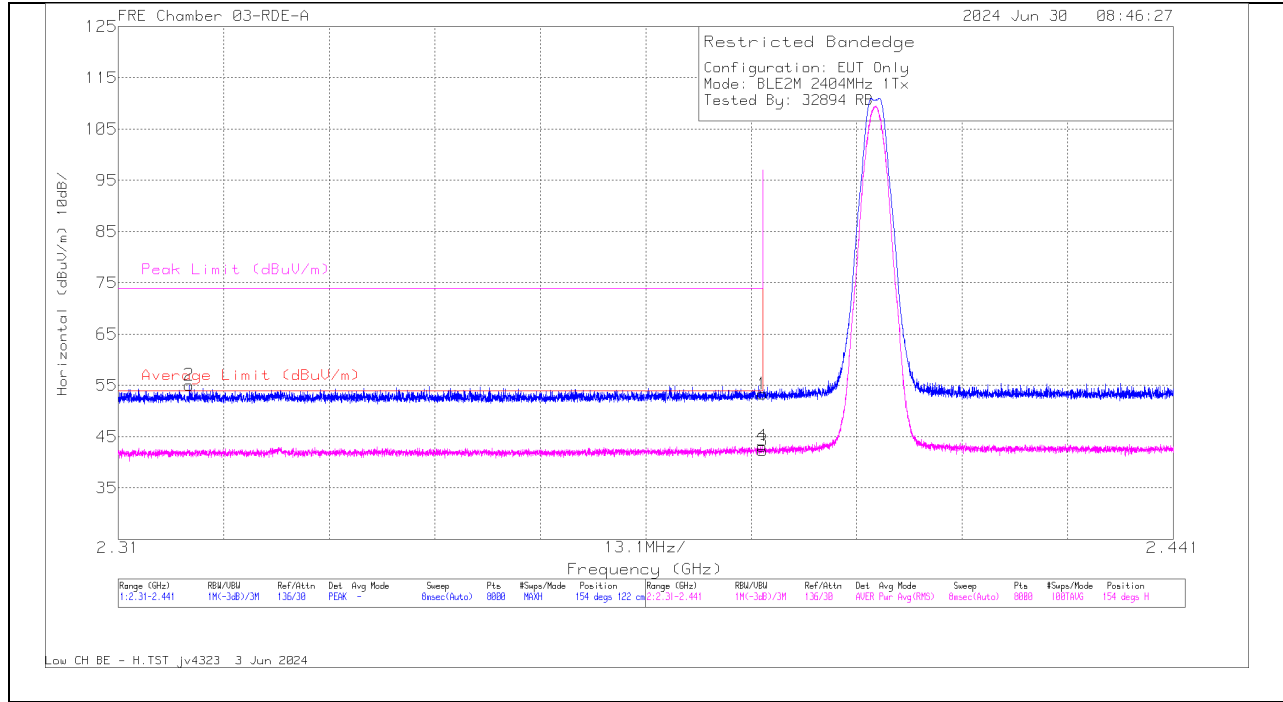
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.53 | Pk | 32.4 | -19.6 | 55.33 | - | - | 74 | -18.67 | 15 | 249 | V |
| 3 | * 2483.5 | 31.99 | RMS | 32.4 | -19.6 | 44.79 | 54 | -9.21 | - | - | 15 | 249 | V |
| 4 | * 2486.009 | 32.51 | RMS | 32.4 | -19.5 | 45.41 | 54 | -8.59 | - | - | 15 | 249 | V |
| 2 | 2525.237 | 44.14 | Pk | 32.4 | -19.3 | 57.24 | - | - | 74 | -16.76 | 15 | 249 | V |

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

ANT 3

BANEDGE (LOW CHANNEL)

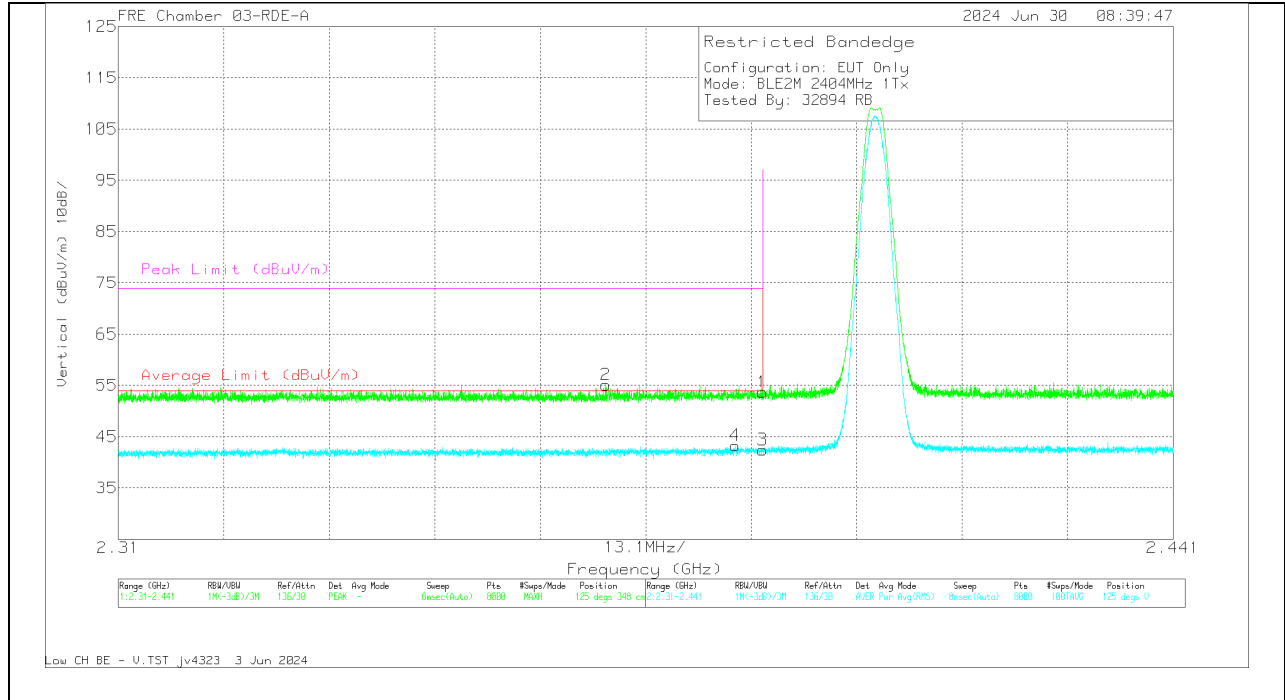
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 61.3 | PK | 32.1 | -40.07 | 53.33 | - | - | 74 | -20.67 | 154 | 122 | H |
| 2 | * 2.318778 | 63.37 | PK | 31.9 | -40.22 | 55.05 | - | - | 74 | -18.95 | 154 | 122 | H |
| 3 | * 2.39 | 50.26 | RMS | 32.1 | -40.07 | 42.29 | 54 | -11.71 | - | - | 154 | 122 | H |
| 4 | * 2.389953 | 51.16 | RMS | 32.1 | -40.07 | 43.19 | 54 | -10.81 | - | - | 154 | 122 | H |

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

VERTICAL RESULT

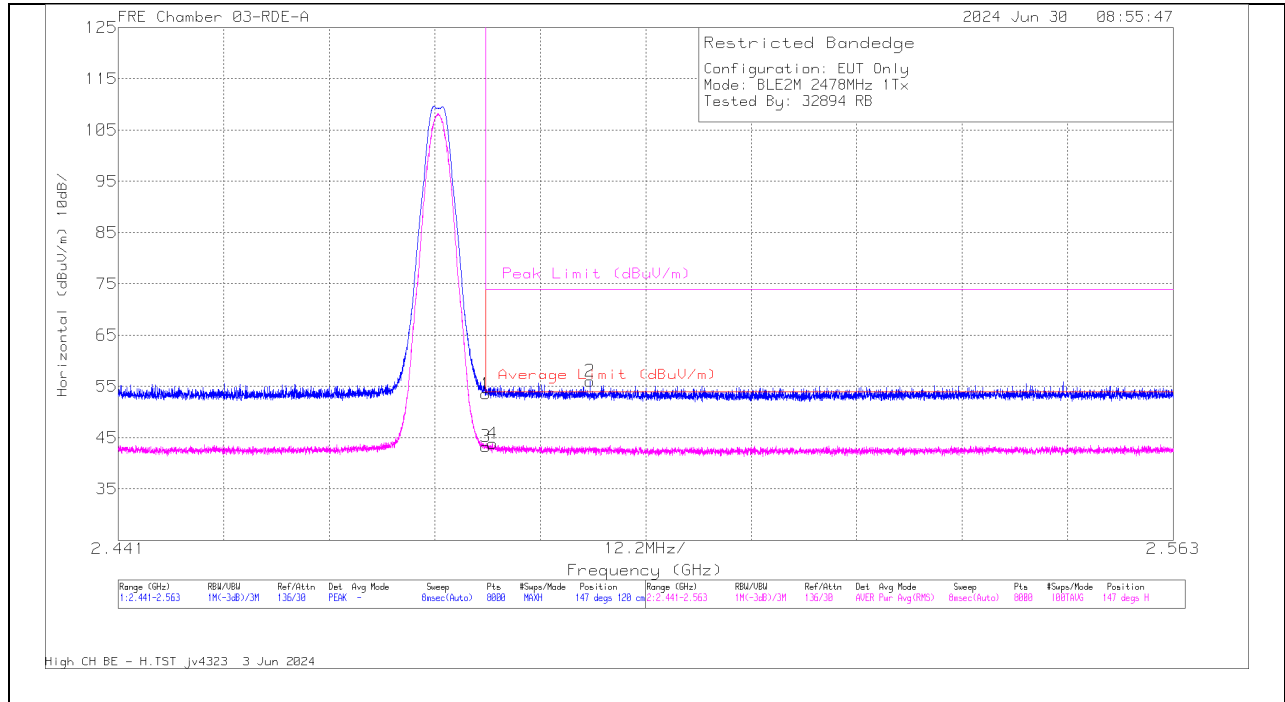


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 61.65 | PK | 32.1 | -40.07 | 53.68 | - | - | 74 | -20.32 | 125 | 348 | V |
| 2 | * 2.370546 | 63.14 | PK | 32.1 | -40.12 | 55.12 | - | - | 74 | -18.88 | 125 | 348 | V |
| 3 | * 2.39 | 50.4 | RMS | 32.1 | -40.07 | 42.43 | 54 | -11.57 | - | - | 125 | 348 | V |
| 4 | * 2.386612 | 51.23 | RMS | 32.1 | -40.07 | 43.26 | 54 | -10.74 | - | - | 125 | 348 | V |

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

BANDEDGE (HIGH CHANNEL)

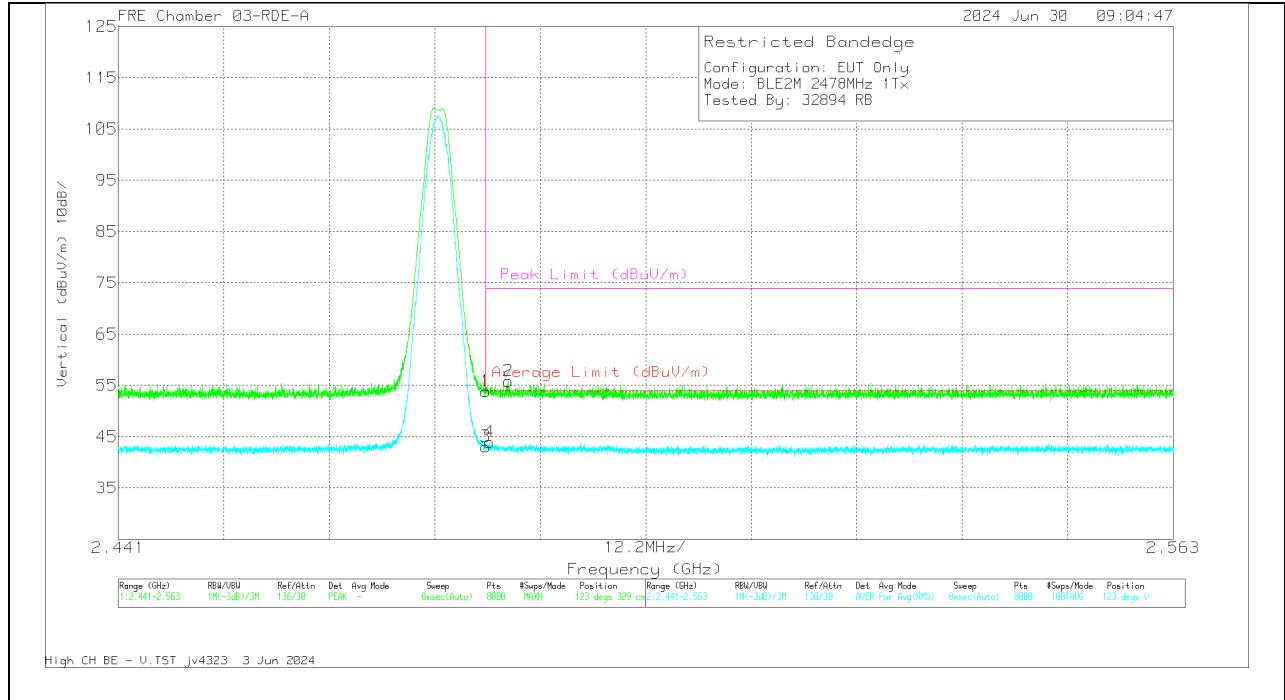
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 22673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 61.2 | PK | 32.2 | -39.84 | 53.56 | - | - | 74 | -20.44 | 147 | 120 | H |
| 2 | * 2.49572 | 63.46 | PK | 32.3 | -39.73 | 56.03 | - | - | 74 | -17.97 | 147 | 120 | H |
| 3 | * 2.4835 | 50.91 | RMS | 32.2 | -39.84 | 43.27 | 54 | -10.73 | - | - | 147 | 120 | H |
| 4 | * 2.48427 | 51.48 | RMS | 32.2 | -39.83 | 43.85 | 54 | -10.15 | - | - | 147 | 120 | H |

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

VERTICAL RESULT



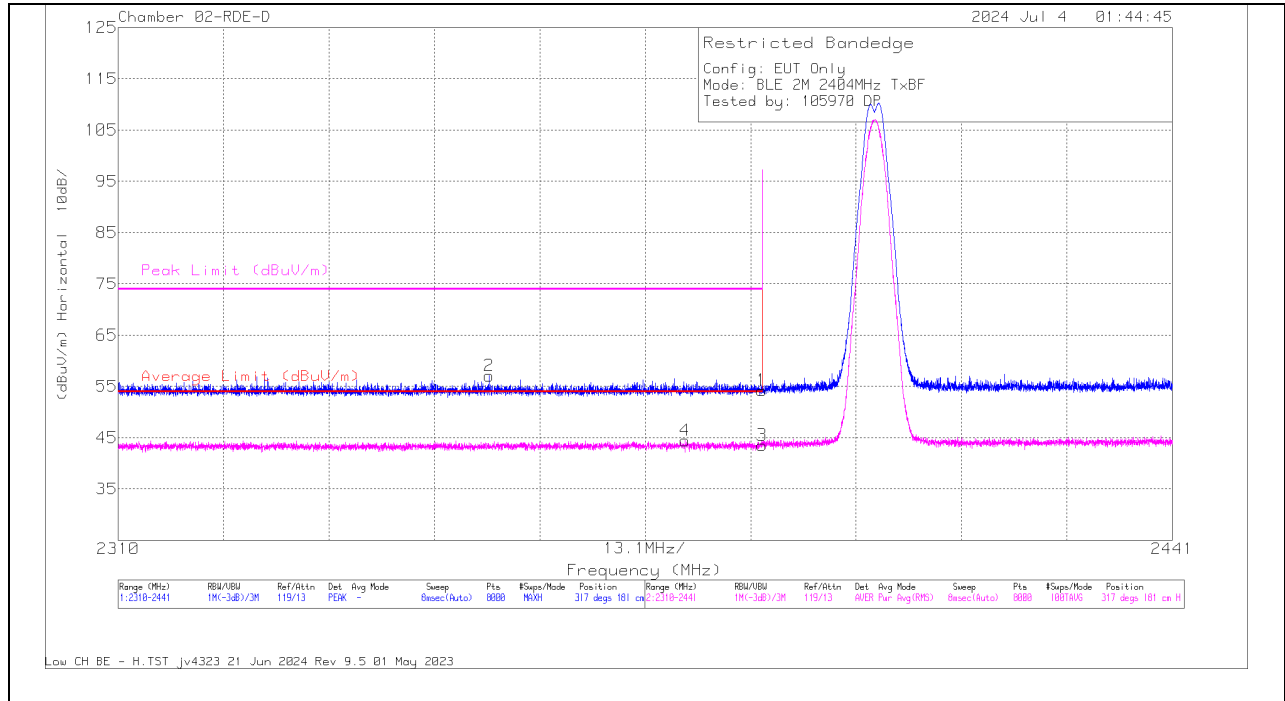
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 61.48 | PK | 32.2 | -39.84 | 53.84 | - | - | 74 | -20.16 | 123 | 329 | V |
| 2 | * 2.486131 | 63.44 | PK | 32.2 | -39.8 | 55.84 | - | - | 74 | -18.16 | 123 | 329 | V |
| 3 | * 2.4835 | 50.68 | RMS | 32.2 | -39.84 | 43.04 | 54 | -10.96 | - | - | 123 | 329 | V |
| 4 | * 2.483919 | 51.57 | RMS | 32.2 | -39.83 | 43.94 | 54 | -10.06 | - | - | 123 | 329 | V |

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

10.2.4. HIGH POWER BLE TXBF (2Mbps)

BANDEDGE (LOW CHANNEL)

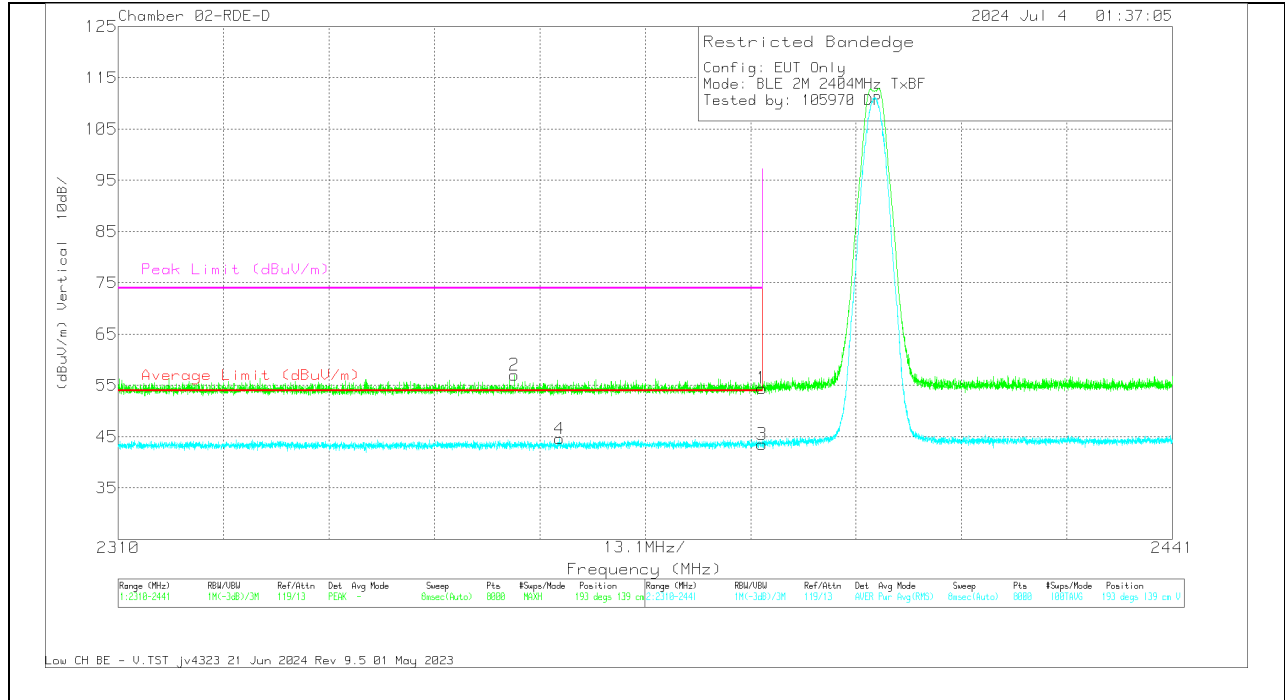
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/CbI (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.61 | Pk | 32.2 | -19.6 | 54.21 | - | - | 74 | -19.79 | 317 | 181 | H |
| 2 | * 2356.101 | 44.68 | Pk | 32.1 | -19.7 | 57.08 | - | - | 74 | -16.92 | 317 | 181 | H |
| 3 | * 2390 | 30.94 | RMS | 32.2 | -19.6 | 43.54 | 54 | -10.46 | - | - | 317 | 181 | H |
| 4 | * 2380.421 | 31.93 | RMS | 32.2 | -19.7 | 44.43 | 54 | -9.57 | - | - | 317 | 181 | H |

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

VERTICAL RESULT

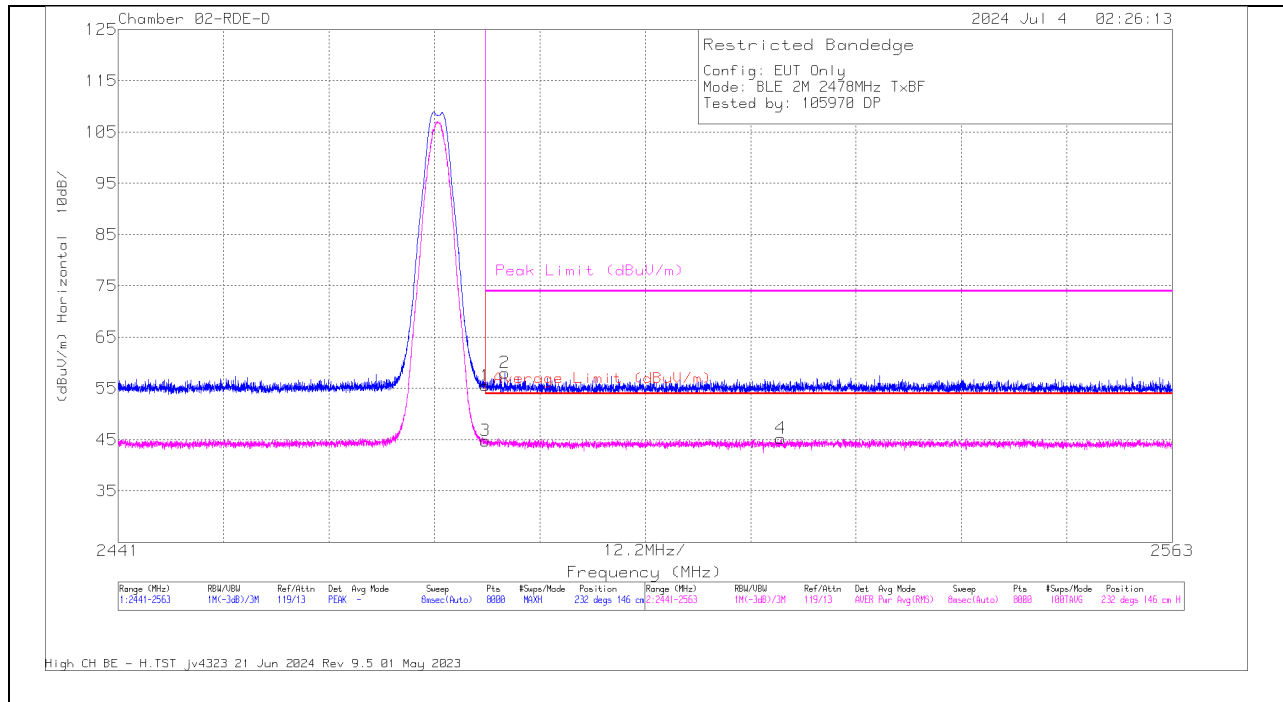


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.86 | Pk | 32.2 | -19.6 | 54.46 | - | - | 74 | -19.54 | 193 | 139 | V |
| 2 | * 2359.197 | 44.61 | Pk | 32.1 | -19.7 | 57.01 | - | - | 74 | -16.99 | 193 | 139 | V |
| 3 | * 2390 | 30.93 | RMS | 32.2 | -19.6 | 43.53 | 54 | -10.47 | - | - | 193 | 139 | V |
| 4 | * 2364.863 | 32.19 | RMS | 32.1 | -19.7 | 44.59 | 54 | -9.41 | - | - | 193 | 139 | V |

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

BANDEDGE (HIGH CHANNEL)

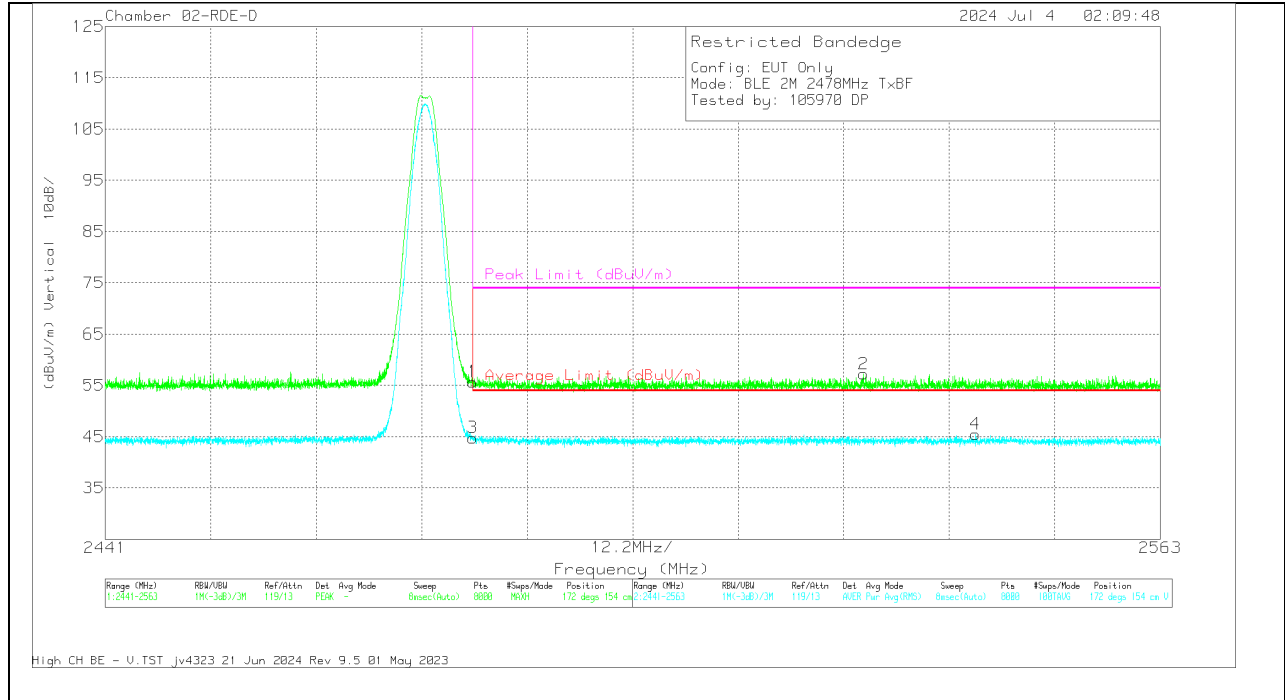
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBUV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.71 | PK | 32.4 | -19.6 | 55.51 | - | - | 74 | -18.49 | 232 | 146 | H |
| 2 | * 2485.734 | 45.14 | PK | 32.4 | -19.5 | 58.04 | - | - | 74 | -15.96 | 232 | 146 | H |
| 3 | * 2483.5 | 32 | RMS | 32.4 | -19.6 | 44.8 | 54 | -9.2 | - | - | 232 | 146 | H |
| 4 | 2517.687 | 32.26 | RMS | 32.4 | -19.4 | 45.26 | 54 | -8.74 | - | - | 232 | 146 | H |

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

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.89 | Pk | 32.4 | -19.6 | 55.69 | - | - | 74 | -18.31 | 172 | 154 | V |
| 3 | * 2483.5 | 31.98 | RMS | 32.4 | -19.6 | 44.78 | 54 | -9.22 | - | - | 172 | 154 | V |
| 2 | 2528.669 | 44.23 | Pk | 32.4 | -19.4 | 57.23 | - | - | 74 | -16.77 | 172 | 154 | V |
| 4 | 2541.648 | 32.4 | RMS | 32.4 | -19.3 | 45.5 | 54 | -8.5 | - | - | 172 | 154 | V |

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

Pk - Peak detector

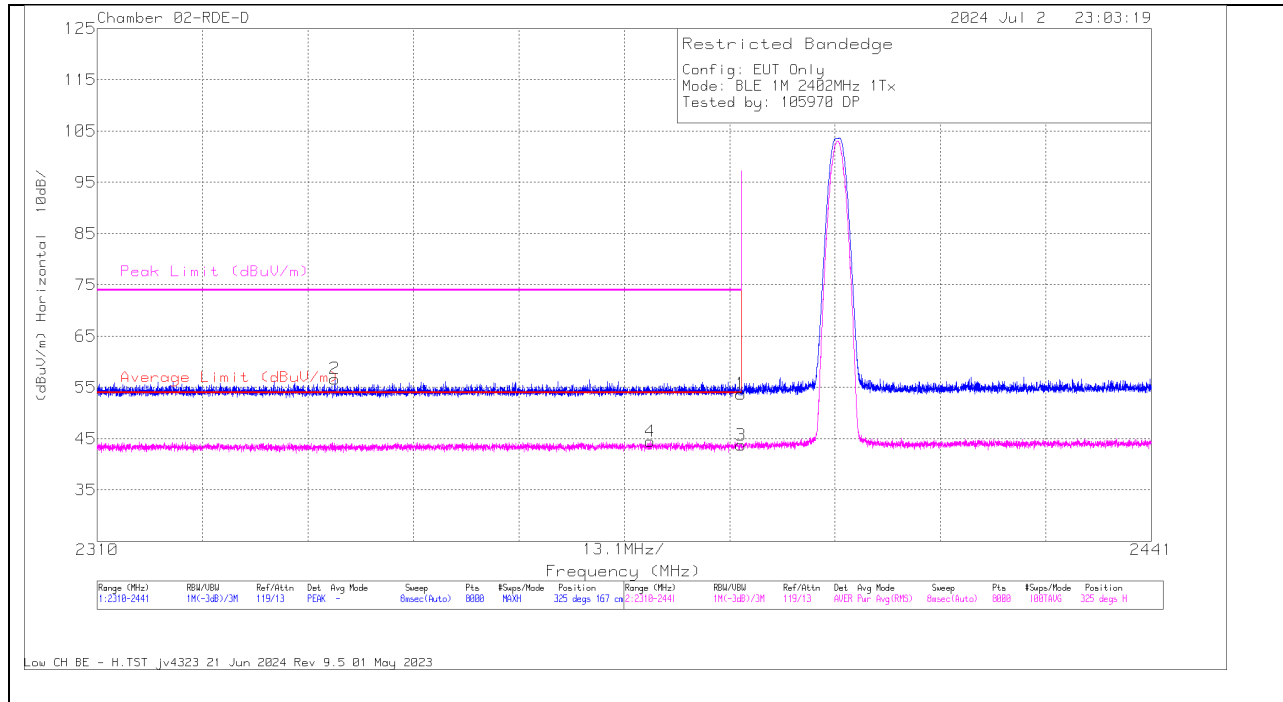
RMS - RMS detection

10.2.5. LOW POWER BLE (1Mbps)

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



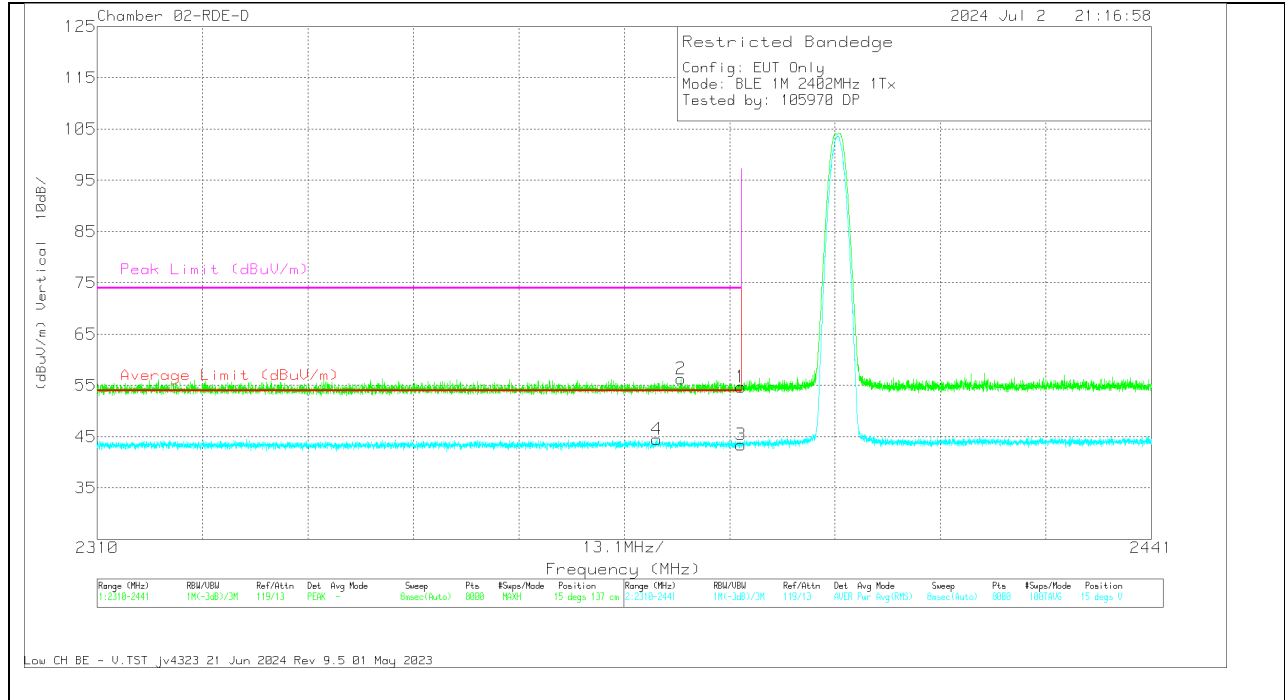
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.13 | PK | 32.2 | -19.6 | 53.73 | - | - | 74 | -20.27 | 325 | 167 | H |
| 2 | * 2339.528 | 44.49 | PK | 32 | -19.8 | 56.69 | - | - | 74 | -17.31 | 325 | 167 | H |
| 3 | * 2390 | 31.14 | RMS | 32.2 | -19.6 | 43.74 | 54 | -10.26 | - | - | 325 | 167 | H |
| 4 | * 2378.702 | 31.97 | RMS | 32.2 | -19.7 | 44.47 | 54 | -9.53 | - | - | 325 | 167 | H |

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

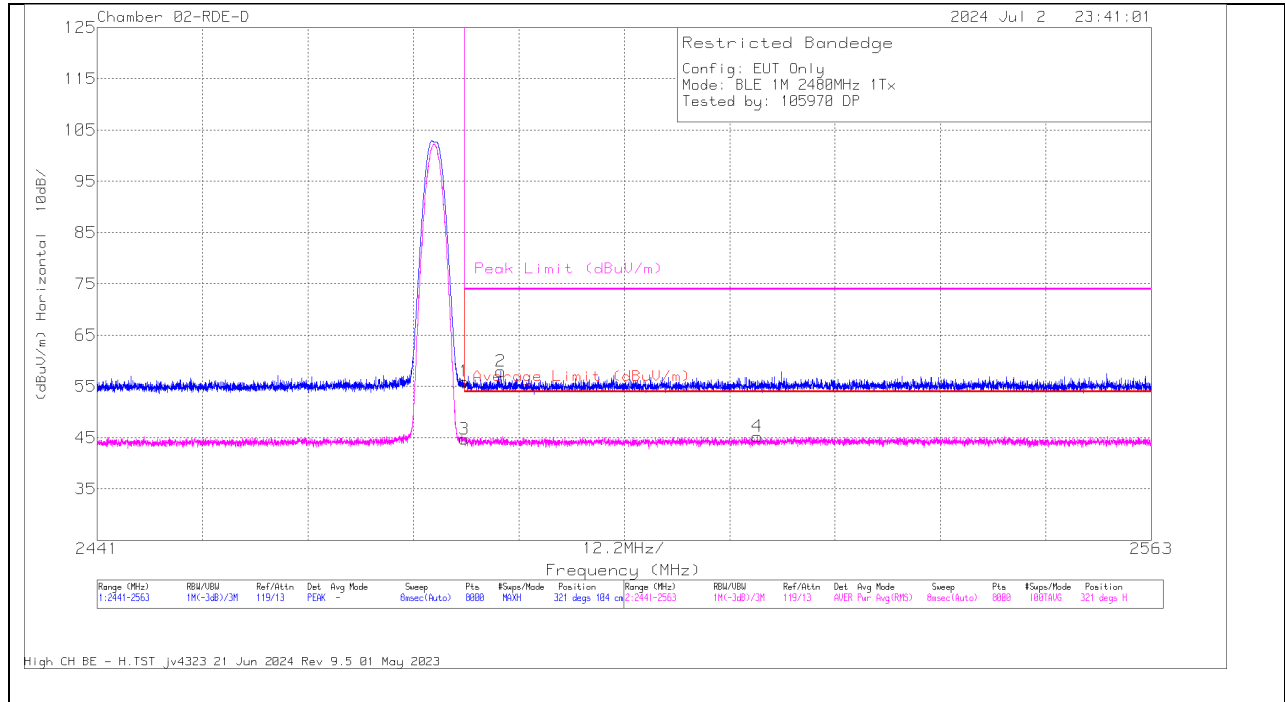


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42.1 | Pk | 32.2 | -19.6 | 54.7 | - | - | 74 | -19.3 | 15 | 137 | V |
| 2 | * 2382.534 | 43.8 | Pk | 32.2 | -19.7 | 56.3 | - | - | 74 | -17.7 | 15 | 137 | V |
| 3 | * 2390 | 30.84 | RMS | 32.2 | -19.6 | 43.44 | 54 | -10.56 | - | - | 15 | 137 | V |
| 4 | * 2379.553 | 31.99 | RMS | 32.2 | -19.7 | 44.49 | 54 | -9.51 | - | - | 15 | 137 | V |

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

BANDEDGE (HIGH CHANNEL)

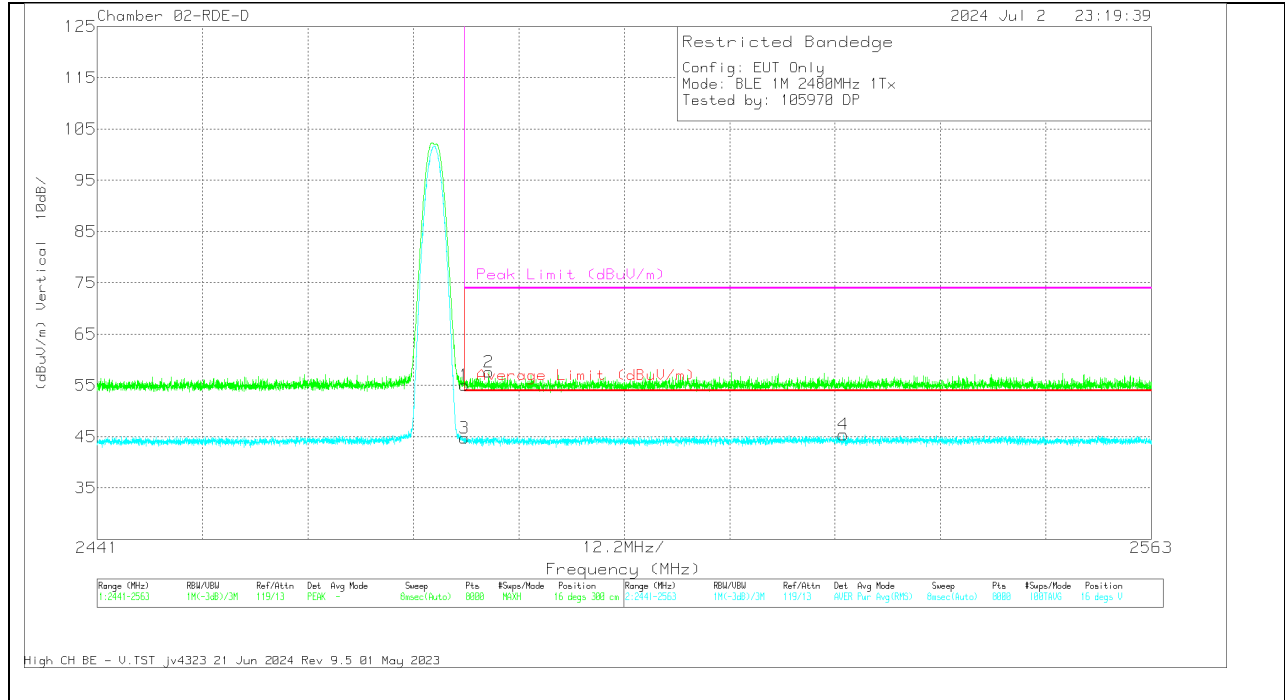
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 43.16 | PK | 32.4 | -19.6 | 55.96 | - | - | 74 | -18.04 | 321 | 104 | H |
| 2 | * 2487.732 | 45.03 | PK | 32.4 | -19.5 | 57.93 | - | - | 74 | -16.07 | 321 | 104 | H |
| 3 | * 2483.5 | 31.9 | RMS | 32.4 | -19.6 | 44.7 | 54 | -9.3 | - | - | 321 | 104 | H |
| 4 | 2517.397 | 32.26 | RMS | 32.4 | -19.4 | 45.26 | 54 | -8.74 | - | - | 321 | 104 | H |

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

VERTICAL RESULT



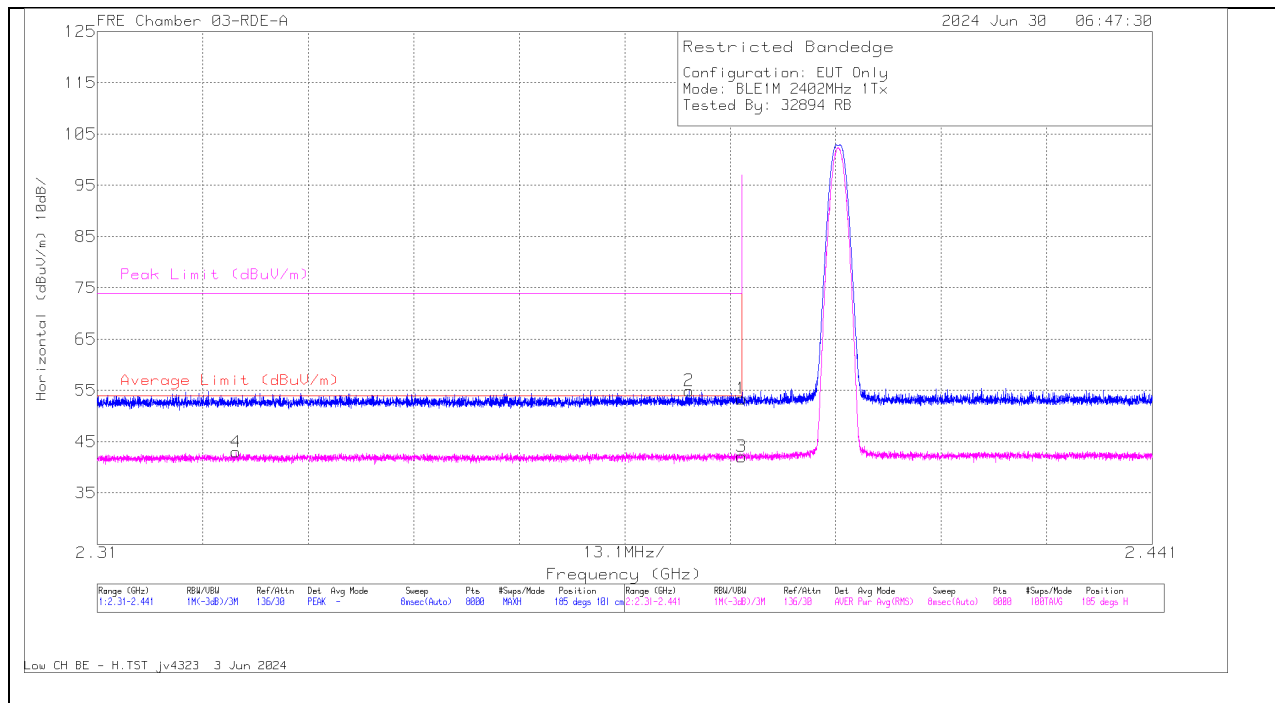
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.21 | Pk | 32.4 | -19.6 | 55.01 | - | - | 74 | -18.99 | 16 | 300 | V |
| 2 | * 2486.314 | 44.71 | Pk | 32.4 | -19.5 | 57.61 | - | - | 74 | -16.39 | 16 | 300 | V |
| 3 | * 2483.5 | 31.9 | RMS | 32.4 | -19.6 | 44.7 | 54 | -9.3 | - | - | 16 | 300 | V |
| 4 | 2527.357 | 32.41 | RMS | 32.4 | -19.4 | 45.41 | 54 | -8.59 | - | - | 16 | 300 | V |

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

ANT 3

BANDEDGE (LOW CHANNEL)

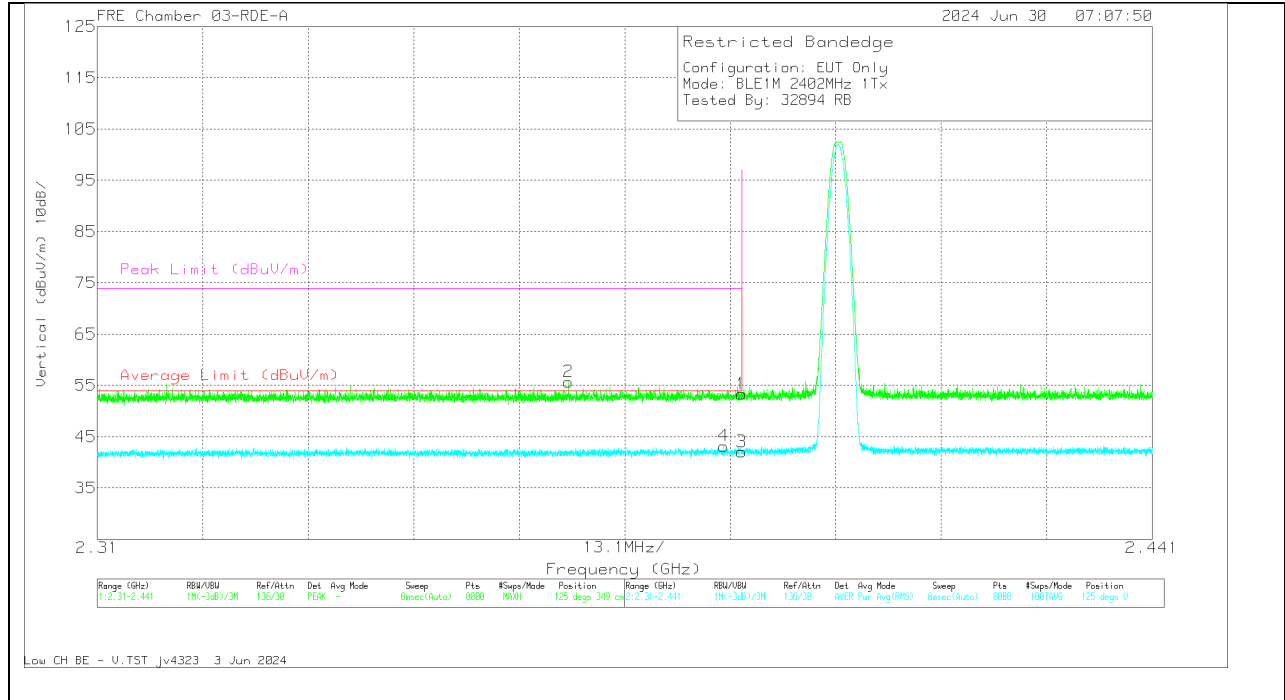
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 22673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 61.36 | Pk | 32.1 | -40.07 | 53.39 | - | - | 74 | -20.61 | 185 | 101 | H |
| 2 | * 2.383467 | 62.98 | Pk | 32.1 | -40.13 | 54.95 | - | - | 74 | -19.05 | 185 | 101 | H |
| 3 | * 2.39 | 50.07 | RMS | 32.1 | -40.07 | 42.1 | 54 | -11.9 | - | - | 185 | 101 | H |
| 4 | * 2.327245 | 51.28 | RMS | 31.9 | -40.2 | 42.98 | 54 | -11.02 | - | - | 185 | 101 | H |

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

VERTICAL RESULT

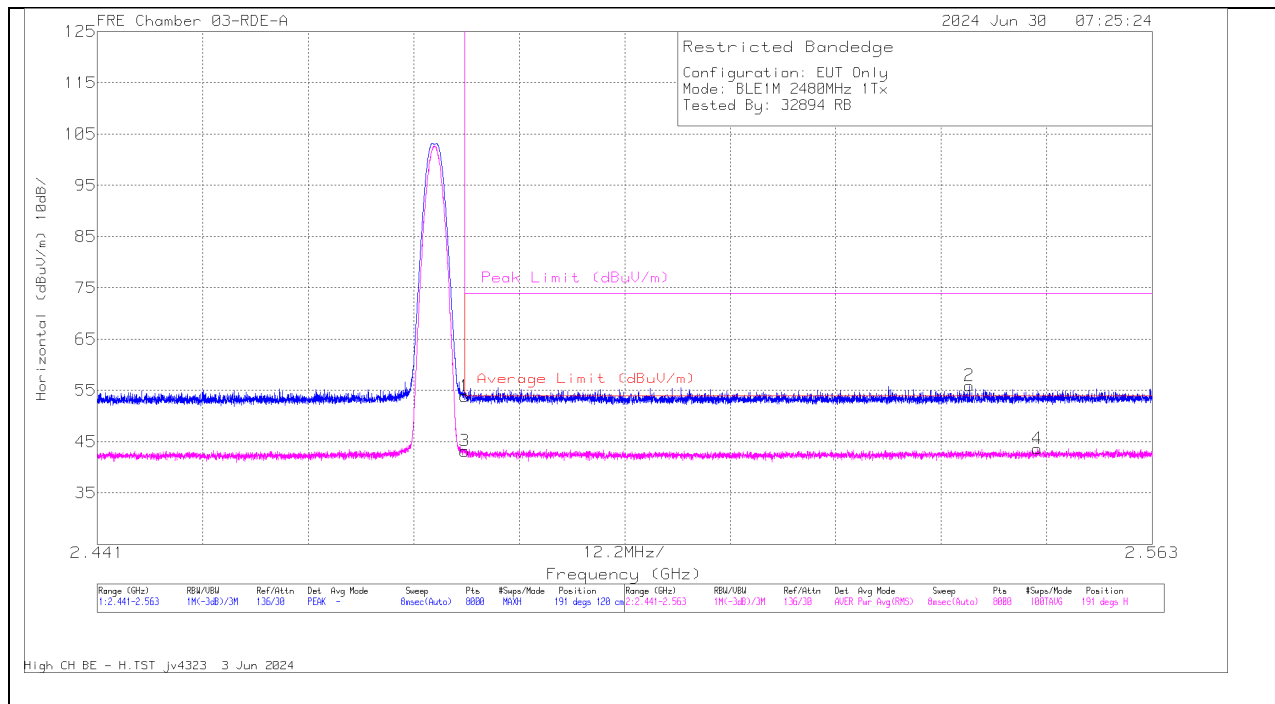


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 61.29 | Pk | 32.1 | -40.07 | 53.32 | - | - | 74 | -20.68 | 125 | 349 | V |
| 2 | * 2.368515 | 63.82 | Pk | 32 | -40.12 | 55.7 | - | - | 74 | -18.3 | 125 | 349 | V |
| 3 | * 2.39 | 50.01 | RMS | 32.1 | -40.07 | 42.04 | 54 | -11.96 | - | - | 125 | 349 | V |
| 4 | * 2.387791 | 51.14 | RMS | 32.1 | -40.05 | 43.19 | 54 | -10.81 | - | - | 125 | 349 | V |

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

BANEDGE (HIGH CHANNEL)

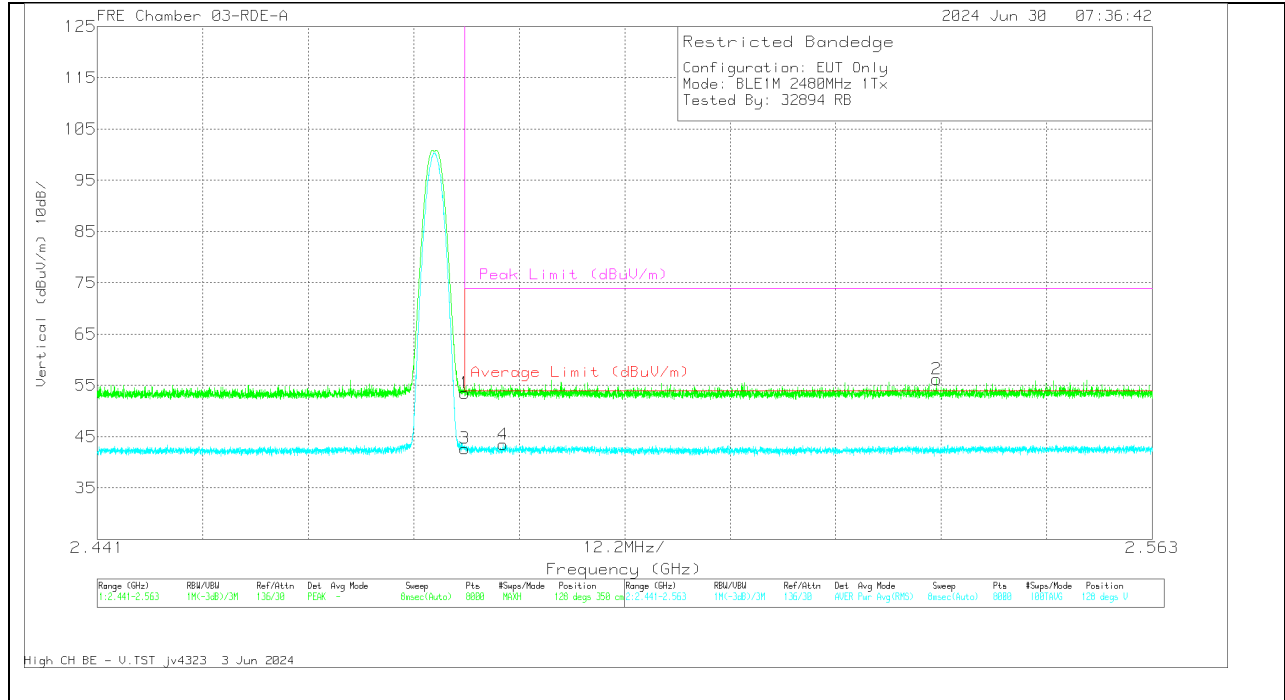
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | Z26673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 61.54 | Pk | 32.2 | -39.84 | 53.9 | - | - | 74 | -20.1 | 191 | 120 | H |
| 3 | * 2.4835 | 50.84 | RMS | 32.2 | -39.84 | 43.2 | 54 | -10.8 | - | - | 191 | 120 | H |
| 2 | 2.541846 | 63.36 | Pk | 32.2 | -39.62 | 55.94 | - | - | 74 | -18.06 | 191 | 120 | H |
| 4 | 2.549716 | 51.07 | RMS | 32.2 | -39.63 | 43.64 | 54 | -10.36 | - | - | 191 | 120 | H |

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

VERTICAL RESULT



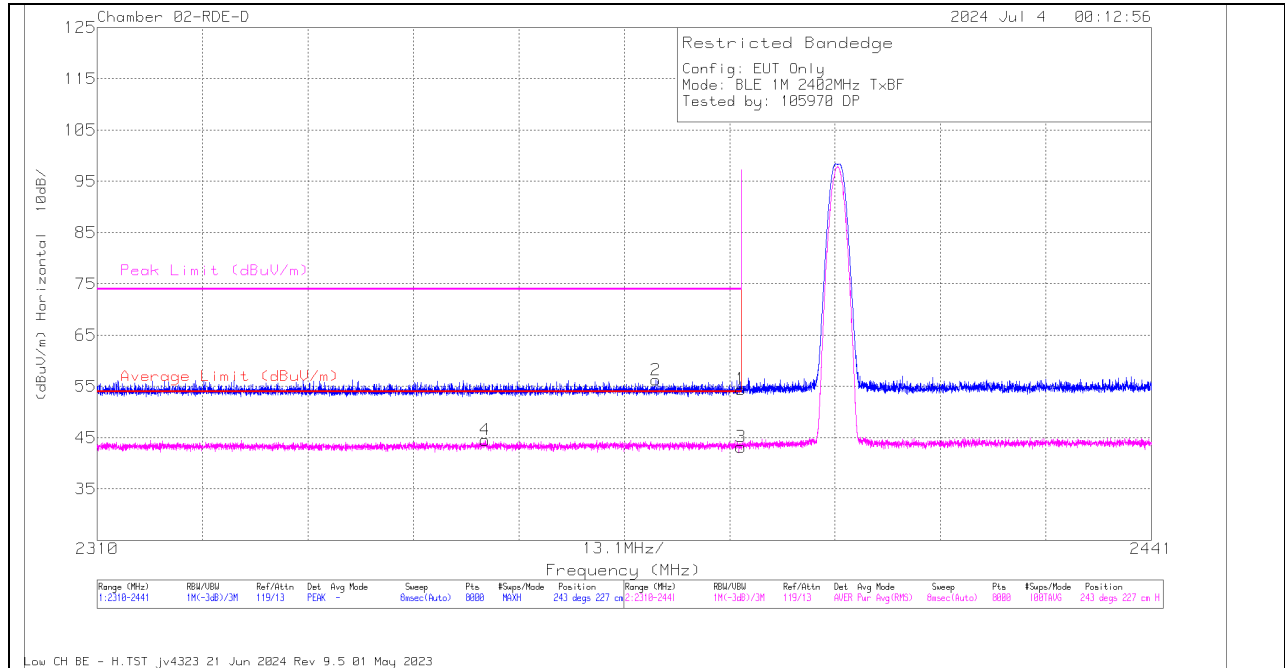
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 61.16 | Pk | 32.2 | -39.84 | 53.52 | - | - | 74 | -20.48 | 128 | 350 | V |
| 3 | * 2.4835 | 50.35 | RMS | 32.2 | -39.84 | 42.71 | 54 | -11.29 | - | - | 128 | 350 | V |
| 4 | * 2.487915 | 50.95 | RMS | 32.3 | -39.76 | 43.49 | 54 | -10.51 | - | - | 128 | 350 | V |
| 2 | 2.538064 | 63.73 | Pk | 32.2 | -39.71 | 56.22 | - | - | 74 | -17.78 | 128 | 350 | V |

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

10.2.6. LOW POWER BLE TXBF (1Mbps)

BANDEDGE (LOW CHANNEL)

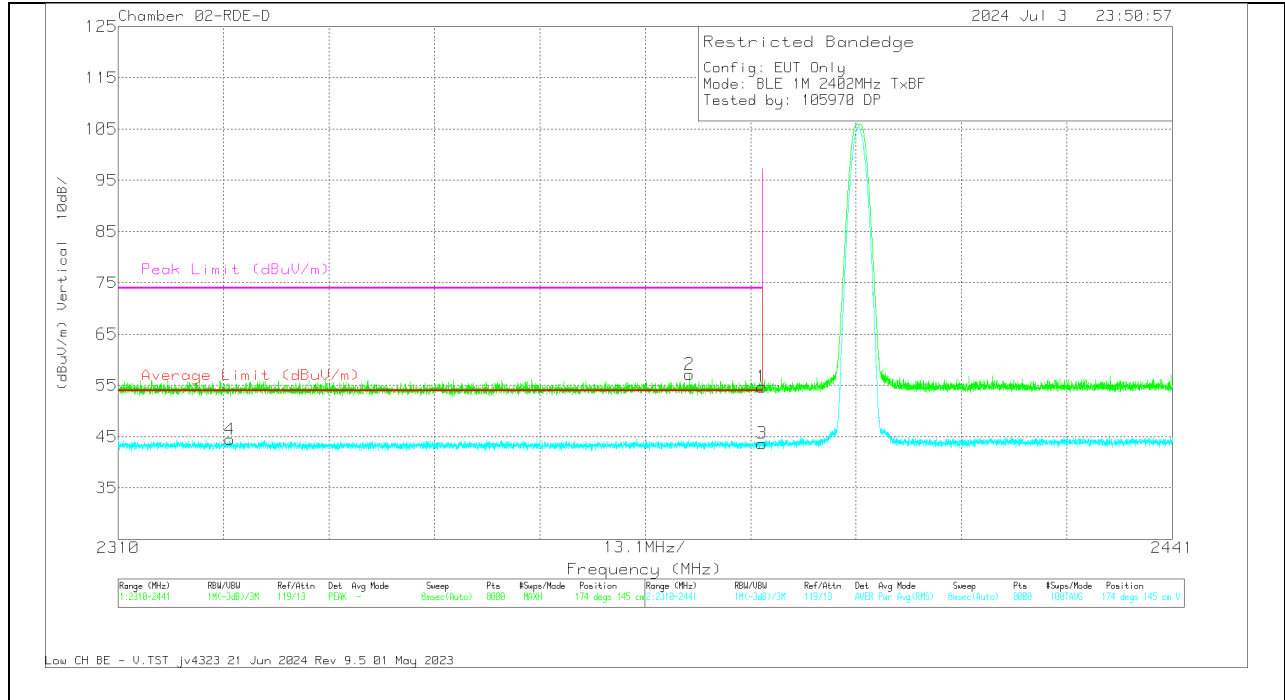
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.85 | Pk | 32.2 | -19.6 | 54.45 | - | - | 74 | -19.55 | 243 | 227 | H |
| 2 | * 2379.422 | 43.75 | Pk | 32.2 | -19.7 | 56.25 | - | - | 74 | -17.75 | 243 | 227 | H |
| 3 | * 2390 | 30.6 | RMS | 32.2 | -19.6 | 43.2 | 54 | -10.8 | - | - | 243 | 227 | H |
| 4 | * 2358.23 | 32.05 | RMS | 32.1 | -19.6 | 44.55 | 54 | -9.45 | - | - | 243 | 227 | H |

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

VERTICAL RESULT

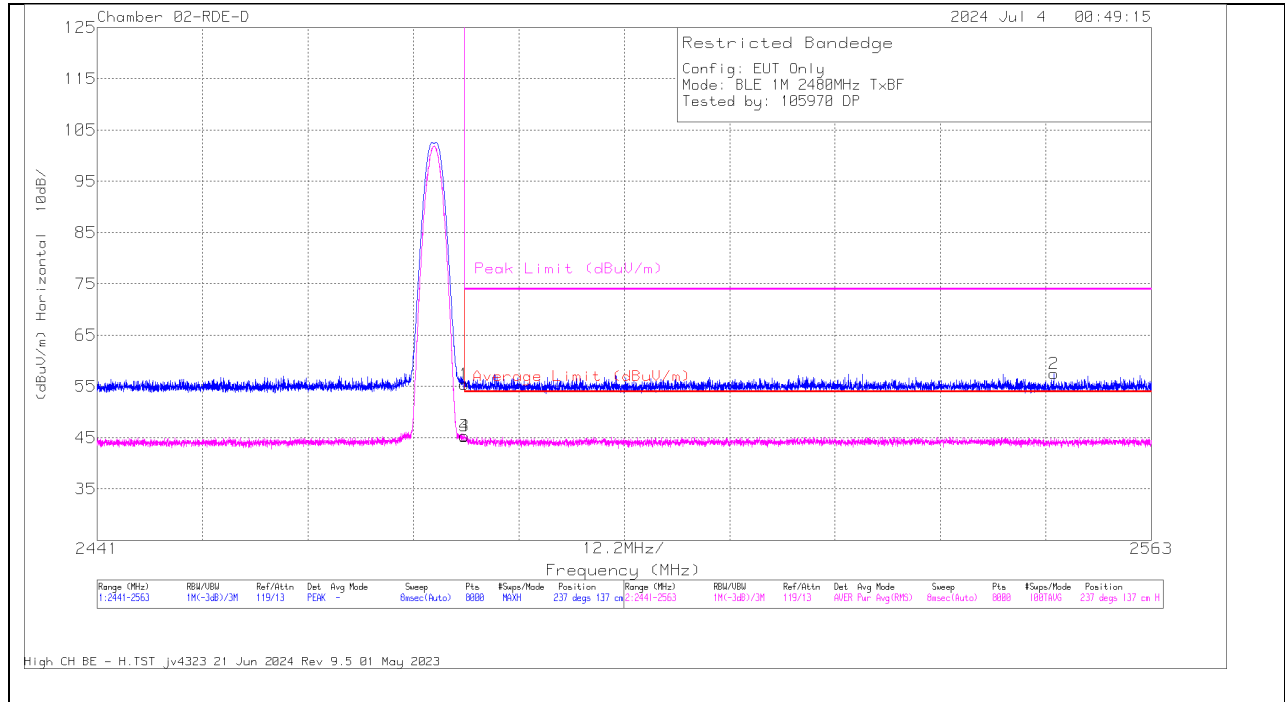


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42.13 | Pk | 32.2 | -19.6 | 54.73 | - | - | 74 | -19.27 | 174 | 145 | V |
| 2 | * 2380.978 | 44.65 | Pk | 32.2 | -19.7 | 57.15 | - | - | 74 | -16.85 | 174 | 145 | V |
| 3 | * 2390 | 31.07 | RMS | 32.2 | -19.6 | 43.67 | 54 | -10.33 | - | - | 174 | 145 | V |
| 4 | * 2323.904 | 32.18 | RMS | 32 | -19.7 | 44.48 | 54 | -9.52 | - | - | 174 | 145 | V |

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



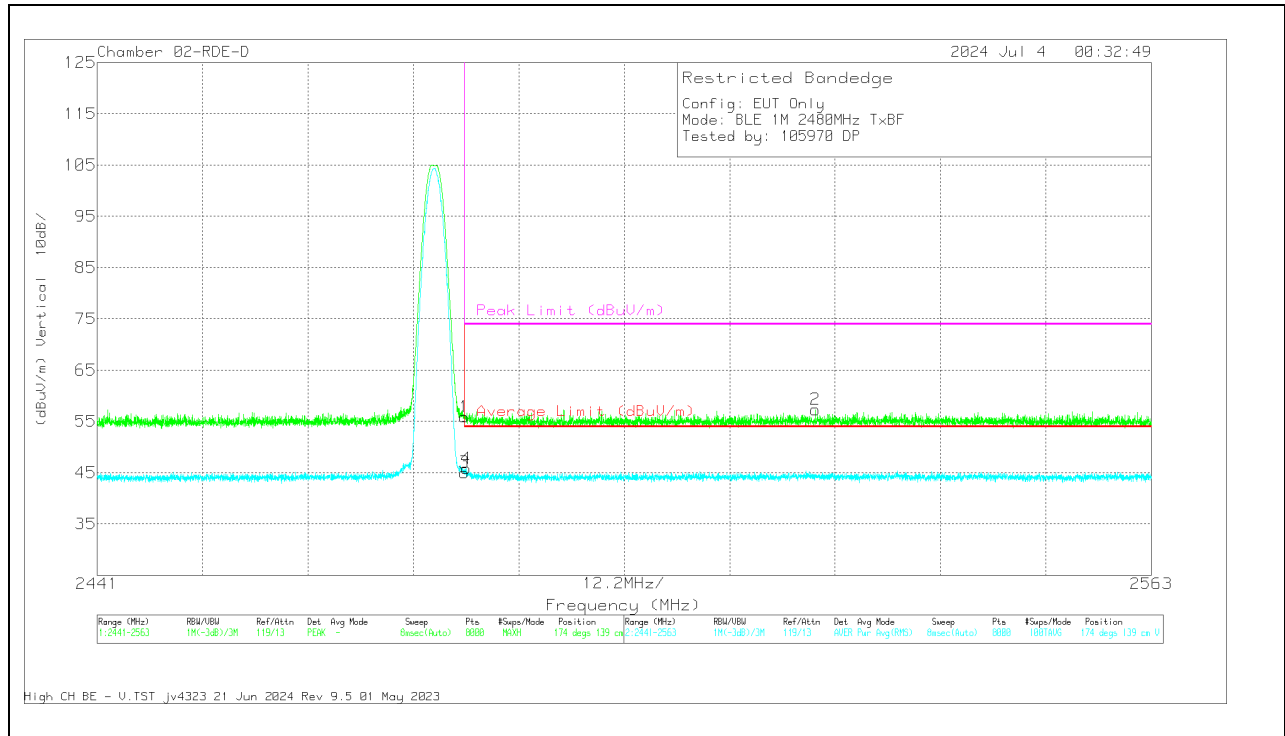
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.6 | PK | 32.4 | -19.6 | 55.4 | - | - | 74 | -18.6 | 237 | 137 | H |
| 3 | * 2483.5 | 32.51 | RMS | 32.4 | -19.6 | 45.31 | 54 | -8.69 | - | - | 237 | 137 | H |
| 4 | * 2483.507 | 32.53 | RMS | 32.4 | -19.6 | 45.33 | 54 | -8.67 | - | - | 237 | 137 | H |
| 2 | 2551.73 | 44.59 | PK | 32.3 | -19.4 | 57.49 | - | - | 74 | -16.51 | 237 | 137 | H |

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dBm) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 43.07 | Pk | 32.4 | -19.6 | 55.87 | - | - | 74 | -18.13 | 174 | 139 | V |
| 3 | * 2483.5 | 32.2 | RMS | 32.4 | -19.6 | 45 | 54 | -9 | - | - | 174 | 139 | V |
| 4 | * 2483.69 | 33.02 | RMS | 32.4 | -19.6 | 45.82 | 54 | -8.18 | - | - | 174 | 139 | V |
| 2 | 2524.123 | 44.21 | Pk | 32.4 | -19.3 | 57.31 | - | - | 74 | -16.69 | 174 | 139 | V |

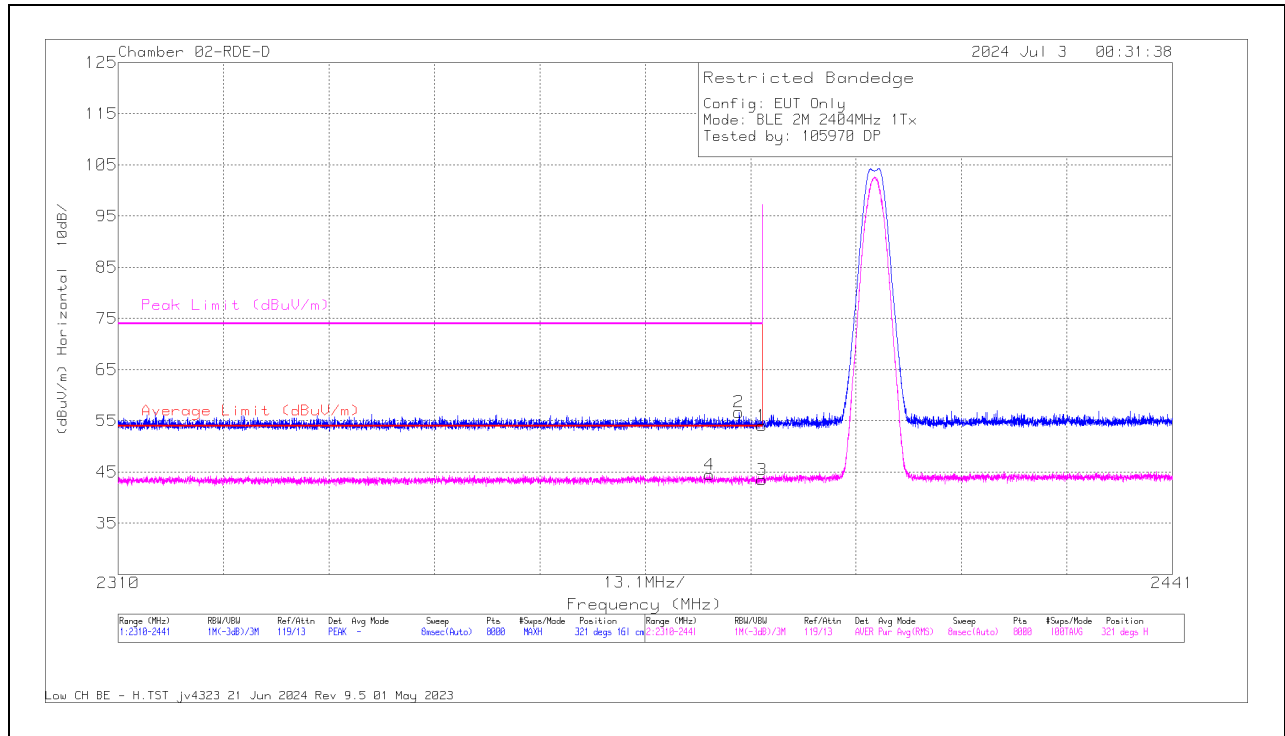
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

10.2.7. LOW POWER BLE (2Mbps)

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



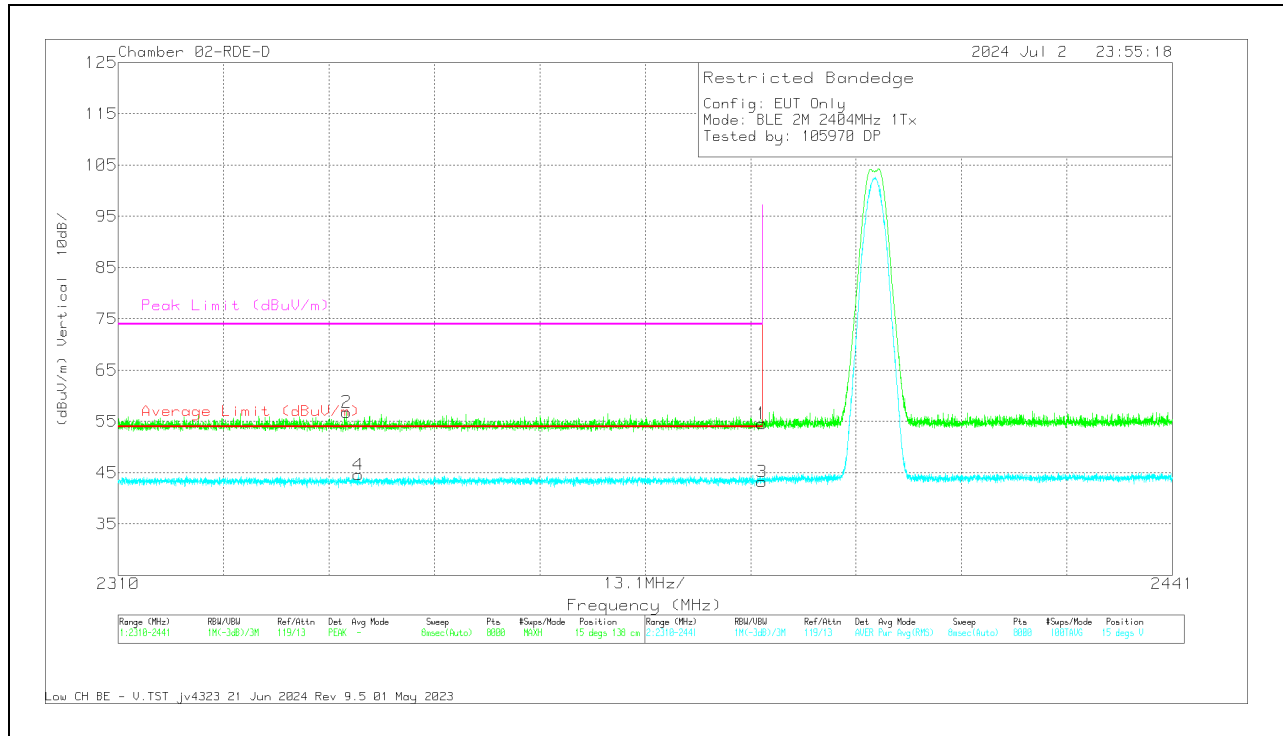
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.44 | Pk | 32.2 | -19.6 | 54.04 | - | - | 74 | -19.96 | 321 | 161 | H |
| 2 | * 2387.119 | 44.2 | PK | 32.2 | -19.7 | 56.7 | - | - | 74 | -17.3 | 321 | 161 | H |
| 3 | * 2390 | 30.89 | RMS | 32.2 | -19.6 | 43.49 | 54 | -10.51 | - | - | 321 | 161 | H |
| 4 | * 2383.5 | 31.95 | RMS | 32.2 | -19.7 | 44.45 | 54 | -9.55 | - | - | 321 | 161 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

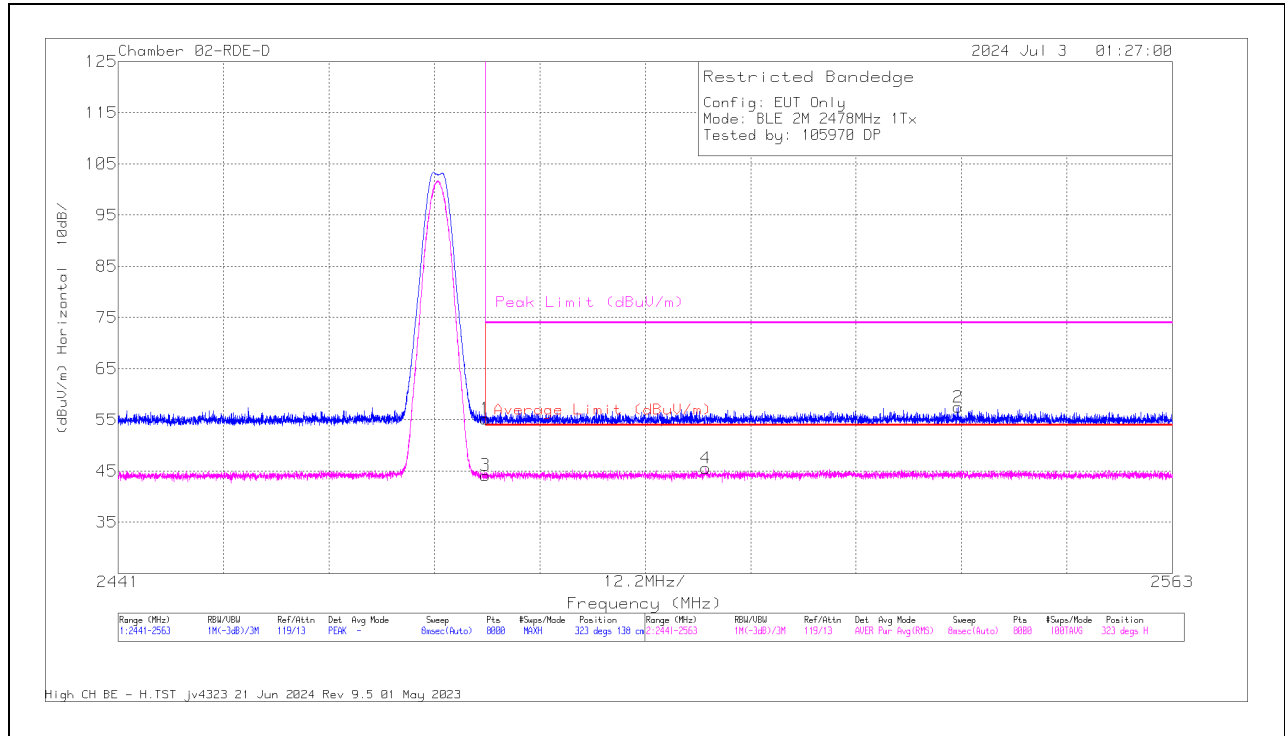


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.95 | Pk | 32.2 | -19.6 | 54.55 | - | - | 74 | -19.45 | 15 | 138 | V |
| 2 | * 2338.398 | 44.48 | Pk | 32 | -19.7 | 56.78 | - | - | 74 | -17.22 | 15 | 138 | V |
| 3 | * 2390 | 30.65 | RMS | 32.2 | -19.6 | 43.25 | 54 | -10.75 | - | - | 15 | 138 | V |
| 4 | * 2339.839 | 32.4 | RMS | 32 | -19.8 | 44.6 | 54 | -9.4 | - | - | 15 | 138 | V |

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



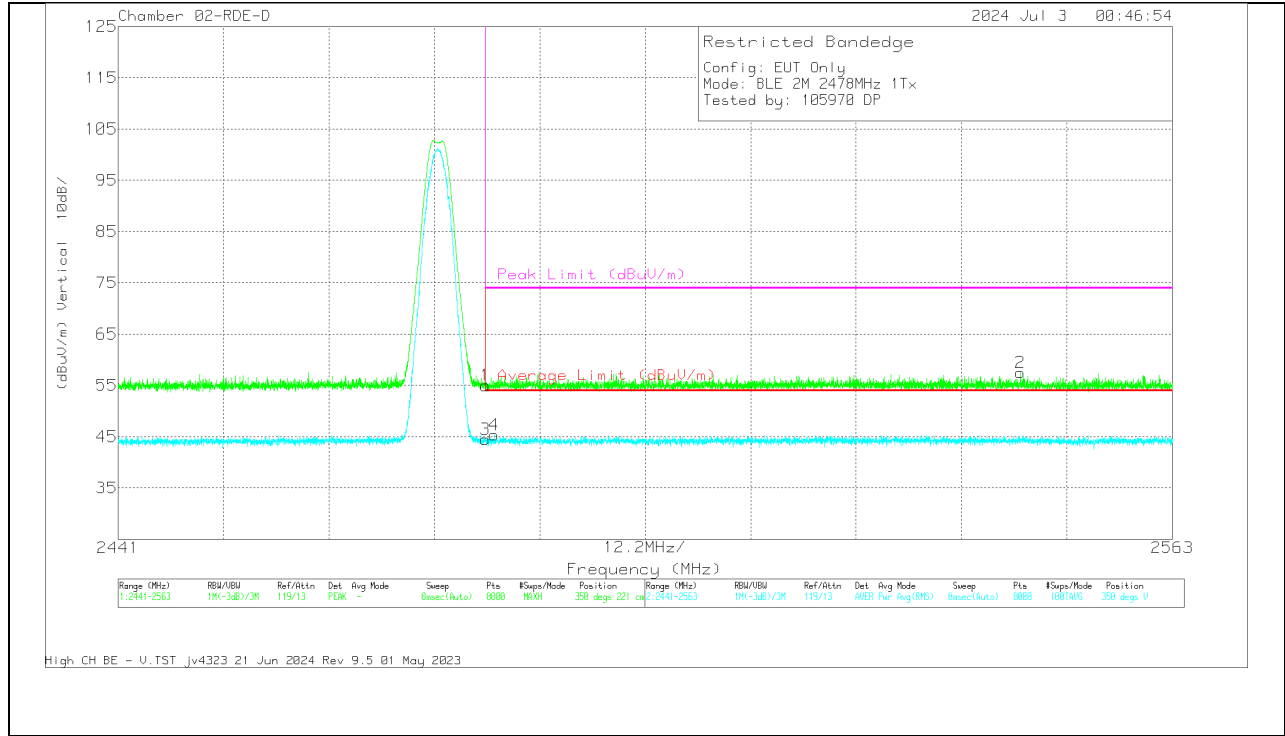
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbi (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.39 | Pk | 32.4 | -19.6 | 55.19 | - | - | 74 | -18.81 | 323 | 138 | H |
| 3 | * 2483.5 | 31.36 | RMS | 32.4 | -19.6 | 44.16 | 54 | -9.84 | - | - | 323 | 138 | H |
| 4 | 2508.993 | 32.45 | RMS | 32.4 | -19.3 | 45.55 | 54 | -8.45 | - | - | 323 | 138 | H |
| 2 | 2538.201 | 44.37 | Pk | 32.4 | -19.3 | 57.47 | - | - | 74 | -16.53 | 323 | 138 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.18 | Pk | 32.4 | -19.6 | 54.98 | - | - | 74 | -19.02 | 350 | 221 | V |
| 3 | * 2483.5 | 31.68 | RMS | 32.4 | -19.6 | 44.48 | 54 | -9.52 | - | - | 350 | 221 | V |
| 4 | * 2484.529 | 32.41 | RMS | 32.4 | -19.5 | 45.31 | 54 | -8.69 | - | - | 350 | 221 | V |
| 2 | 2545.4 | 44.36 | Pk | 32.4 | -19.3 | 57.46 | - | - | 74 | -16.54 | 350 | 221 | V |

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

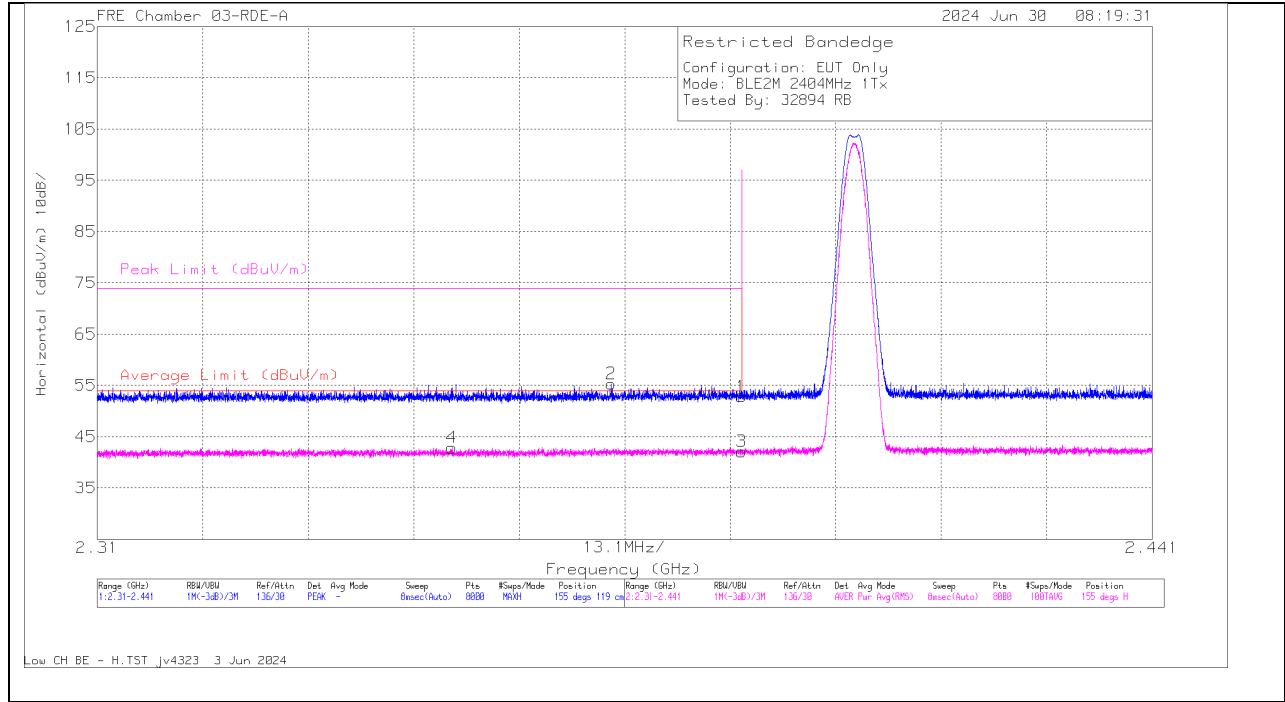
Pk - Peak detector

RMS - RMS detection

ANT 3

BANDEDGE (LOW CHANNEL)

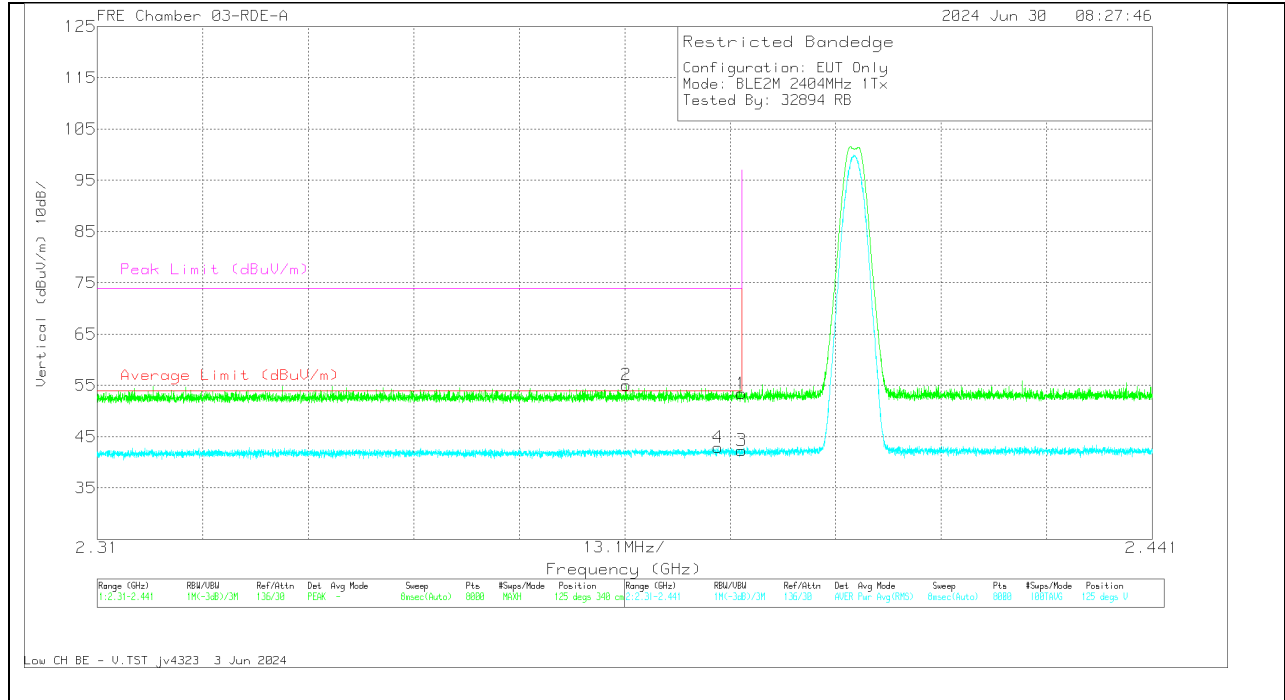
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 60.76 | Pk | 32.1 | -40.07 | 52.79 | - | - | 74 | -21.21 | 155 | 119 | H |
| 2 | * 2.373838 | 63.32 | Pk | 32.1 | -40.13 | 55.29 | - | - | 74 | -18.71 | 155 | 119 | H |
| 3 | * 2.39 | 50.08 | RMS | 32.1 | -40.07 | 42.11 | 54 | -11.89 | - | - | 155 | 119 | H |
| 4 | * 2.354038 | 51.02 | RMS | 32 | -40.17 | 42.85 | 54 | -11.15 | - | - | 155 | 119 | H |

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

VERTICAL RESULT

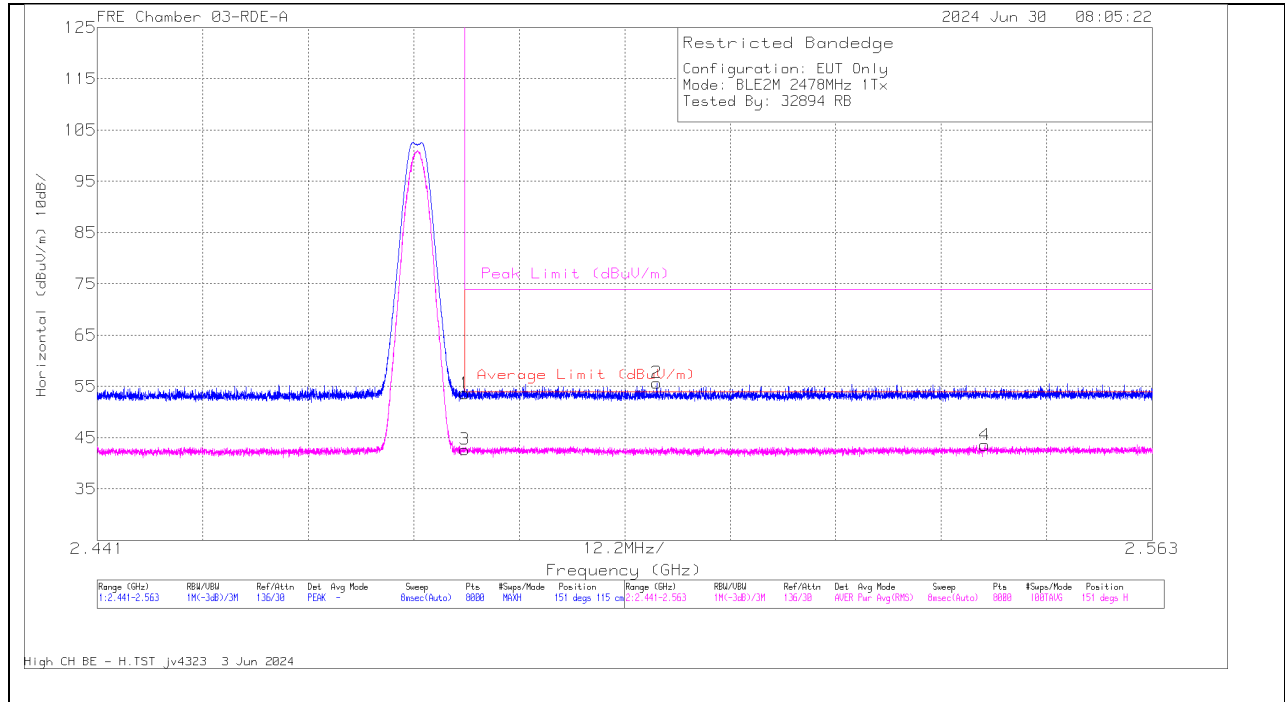


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 61.38 | Pk | 32.1 | -40.07 | 53.41 | - | - | 74 | -20.59 | 125 | 340 | V |
| 2 | * 2.375672 | 63.09 | Pk | 32.1 | -40.1 | 55.09 | - | - | 74 | -18.91 | 125 | 340 | V |
| 3 | * 2.39 | 50.28 | RMS | 32.1 | -40.07 | 42.31 | 54 | -11.69 | - | - | 125 | 340 | V |
| 4 | * 2.387087 | 50.88 | RMS | 32.1 | -40.06 | 42.92 | 54 | -11.08 | - | - | 125 | 340 | V |

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

BANDEDGE (HIGH CHANNEL)

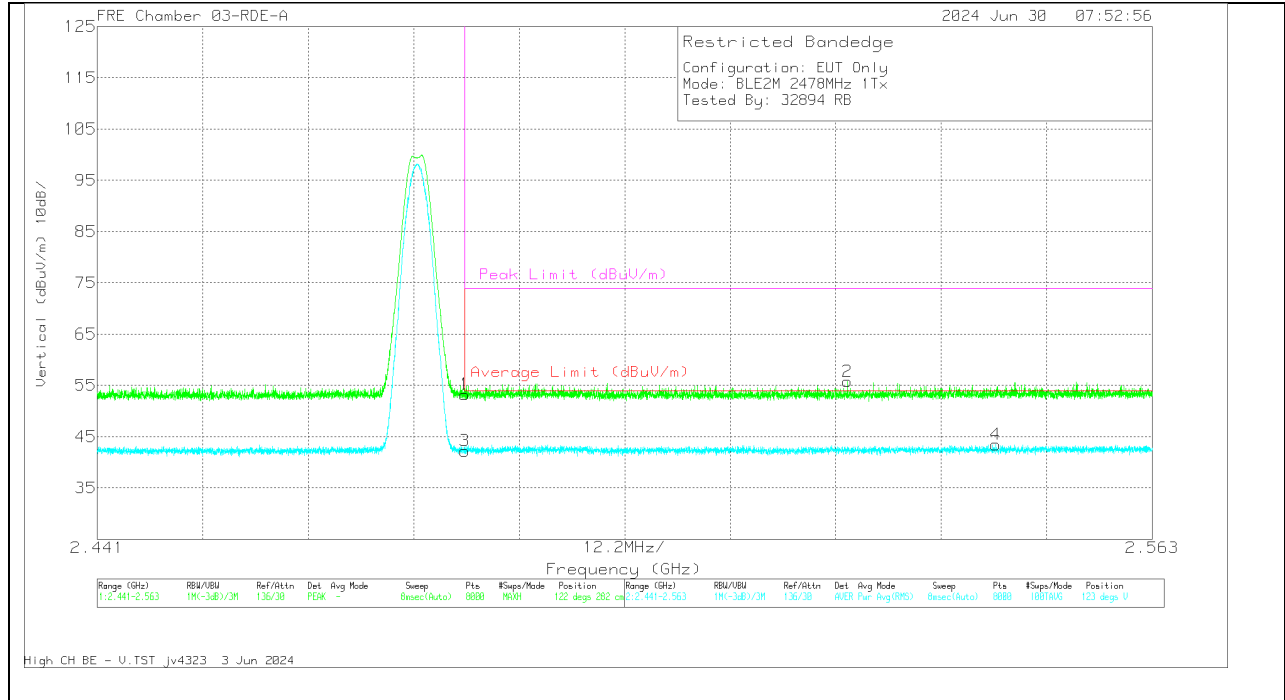
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | Z26673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 61.27 | Pk | 32.2 | -39.84 | 53.63 | - | - | 74 | -20.37 | 151 | 115 | H |
| 3 | * 2.4835 | 50.33 | RMS | 32.2 | -39.84 | 42.69 | 54 | -11.31 | - | - | 151 | 115 | H |
| 2 | 2.505699 | 63.22 | Pk | 32.2 | -39.71 | 55.71 | - | - | 74 | -18.29 | 151 | 115 | H |
| 4 | 2.543631 | 51.01 | RMS | 32.2 | -39.63 | 43.58 | 54 | -10.42 | - | - | 151 | 115 | H |

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

VERTICAL RESULT



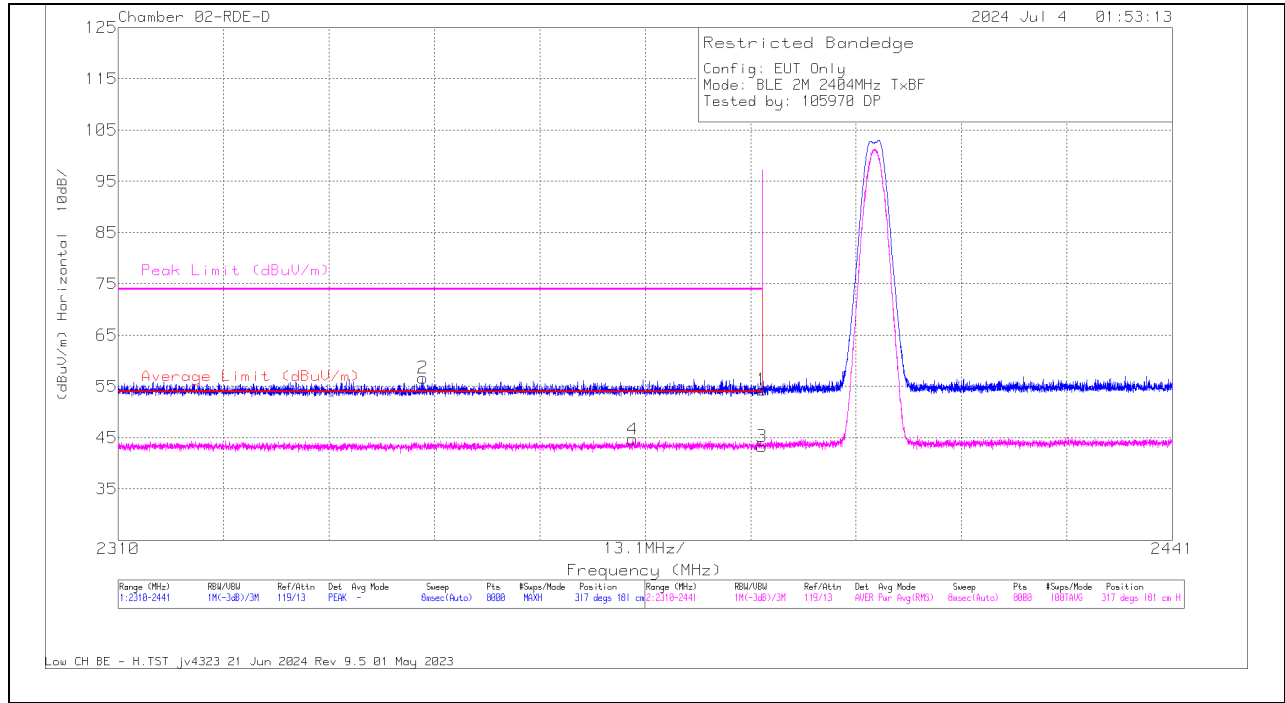
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 226673 ACF (dB/m) | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|----------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 60.86 | Pk | 32.2 | -39.84 | 53.22 | - | - | 74 | -20.78 | 122 | 282 | V |
| 3 | * 2.4835 | 49.87 | RMS | 32.2 | -39.84 | 42.23 | 54 | -11.77 | - | - | 123 | 282 | V |
| 2 | 2.527769 | 63.32 | Pk | 32.2 | -39.76 | 55.76 | - | - | 74 | -18.24 | 122 | 282 | V |
| 4 | 2.544881 | 50.91 | RMS | 32.2 | -39.66 | 43.45 | 54 | -10.55 | - | - | 123 | 282 | V |

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

10.2.8. LOW POWER BLE TXBF (2Mbps)

BANDEDGE (LOW CHANNEL)

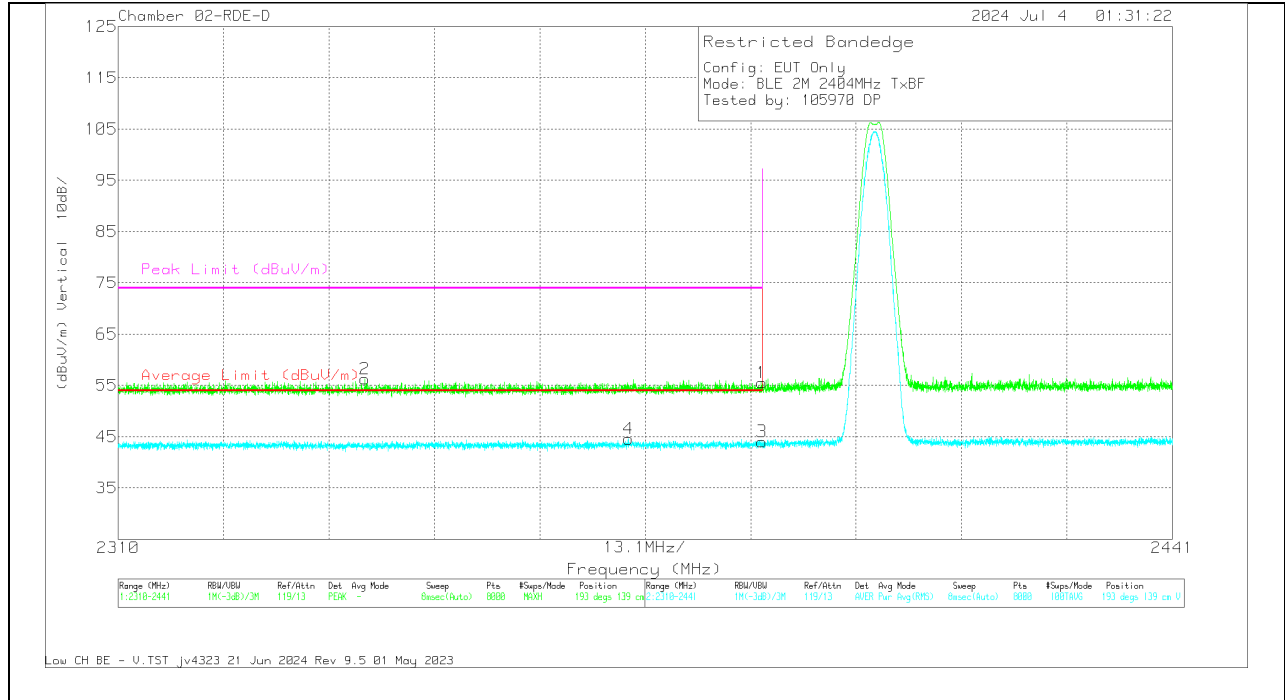
HORIZONTAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 41.72 | Pk | 32.2 | -19.6 | 54.32 | - | - | 74 | -19.68 | 317 | 181 | H |
| 2 | * 2347.864 | 44.27 | Pk | 32.1 | -19.7 | 56.67 | - | - | 74 | -17.33 | 317 | 181 | H |
| 3 | * 2390 | 30.69 | RMS | 32.2 | -19.6 | 43.29 | 54 | -10.71 | - | - | 317 | 181 | H |
| 4 | * 2373.936 | 32.11 | RMS | 32.2 | -19.6 | 44.71 | 54 | -9.29 | - | - | 317 | 181 | H |

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

VERTICAL RESULT

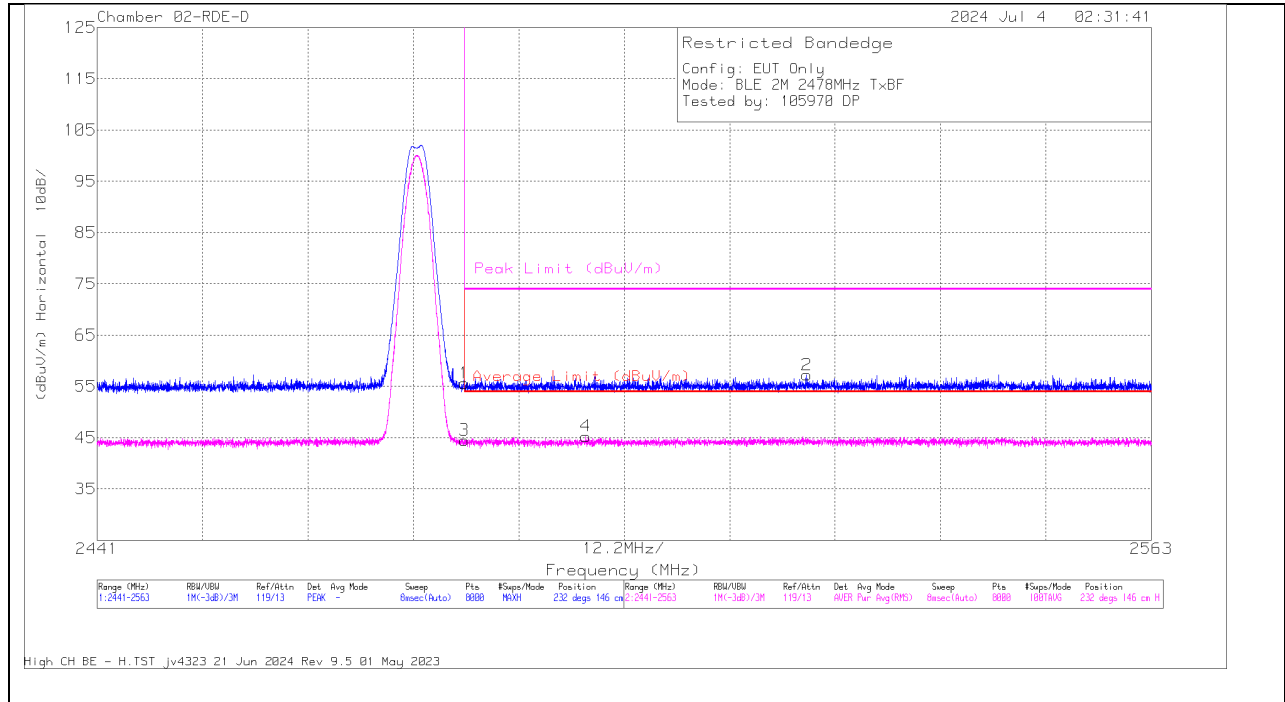


| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2390 | 42.91 | Pk | 32.2 | -19.6 | 55.51 | - | - | 74 | -18.49 | 193 | 139 | V |
| 2 | * 2340.674 | 43.95 | Pk | 32 | -19.7 | 56.25 | - | - | 74 | -17.75 | 193 | 139 | V |
| 3 | * 2390 | 31.4 | RMS | 32.2 | -19.6 | 44 | 54 | -10 | - | - | 193 | 139 | V |
| 4 | * 2373.395 | 32.07 | RMS | 32.1 | -19.6 | 44.57 | 54 | -9.43 | - | - | 193 | 139 | V |

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



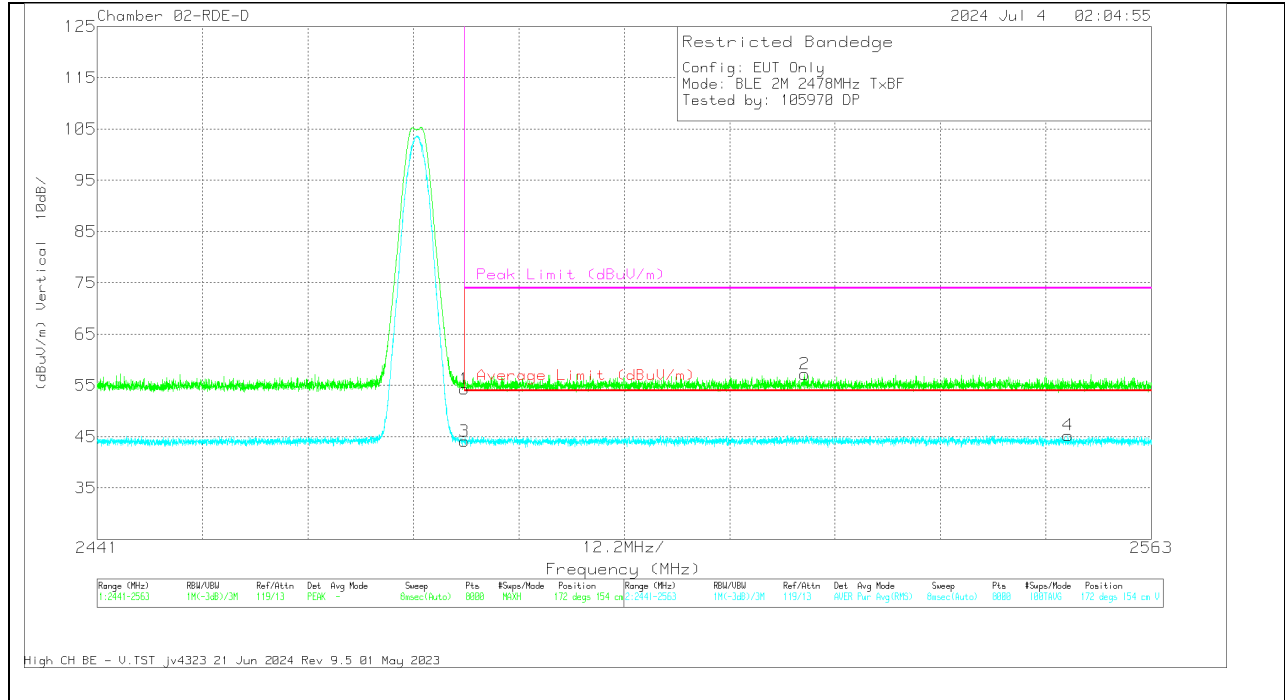
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/CbI (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 42.8 | PK | 32.4 | -19.6 | 55.6 | - | - | 74 | -18.4 | 232 | 146 | H |
| 3 | * 2483.5 | 31.69 | RMS | 32.4 | -19.6 | 44.49 | 54 | -9.51 | - | - | 232 | 146 | H |
| 4 | * 2497.554 | 32.37 | RMS | 32.4 | -19.5 | 45.27 | 54 | -8.73 | - | - | 232 | 146 | H |
| 2 | 2523.132 | 44.03 | PK | 32.4 | -19.2 | 57.23 | - | - | 74 | -16.77 | 232 | 146 | H |

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

PK - Peak detector

RMS - RMS detection

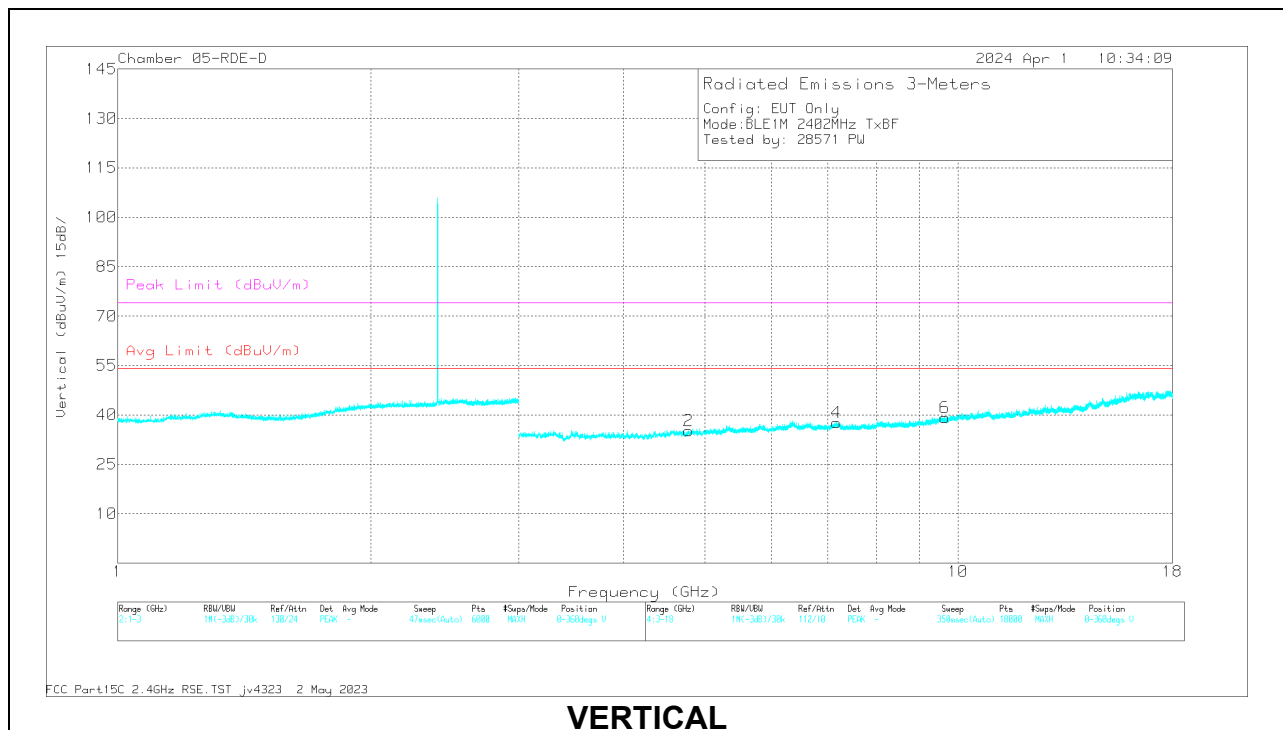
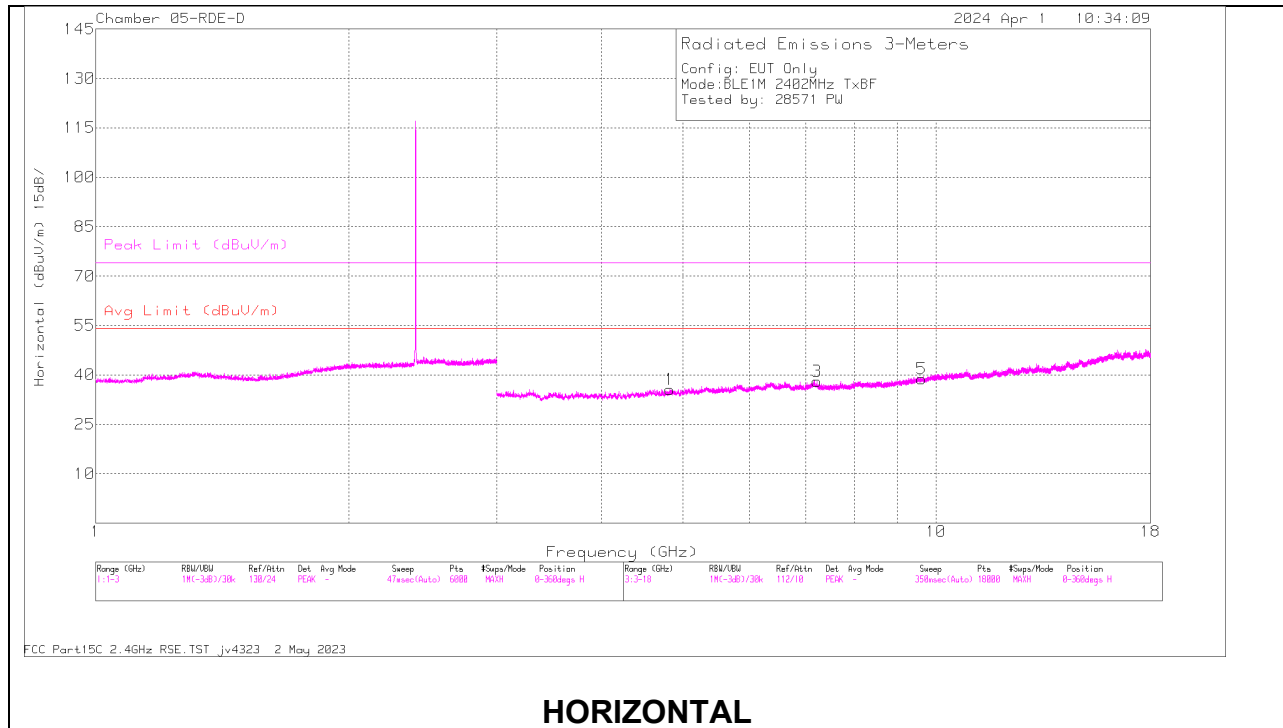
VERTICAL RESULT



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200896 ACF(dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2483.5 | 41.48 | Pk | 32.4 | -19.6 | 54.28 | - | - | 74 | -19.72 | 172 | 154 | V |
| 3 | * 2483.5 | 31.29 | RMS | 32.4 | -19.6 | 44.09 | 54 | -9.91 | - | - | 172 | 154 | V |
| 2 | 2522.857 | 44 | Pk | 32.4 | -19.2 | 57.2 | - | - | 74 | -16.8 | 172 | 154 | V |
| 4 | 2553.361 | 32.38 | RMS | 32.3 | -19.4 | 45.28 | 54 | -8.72 | - | - | 172 | 154 | V |

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

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

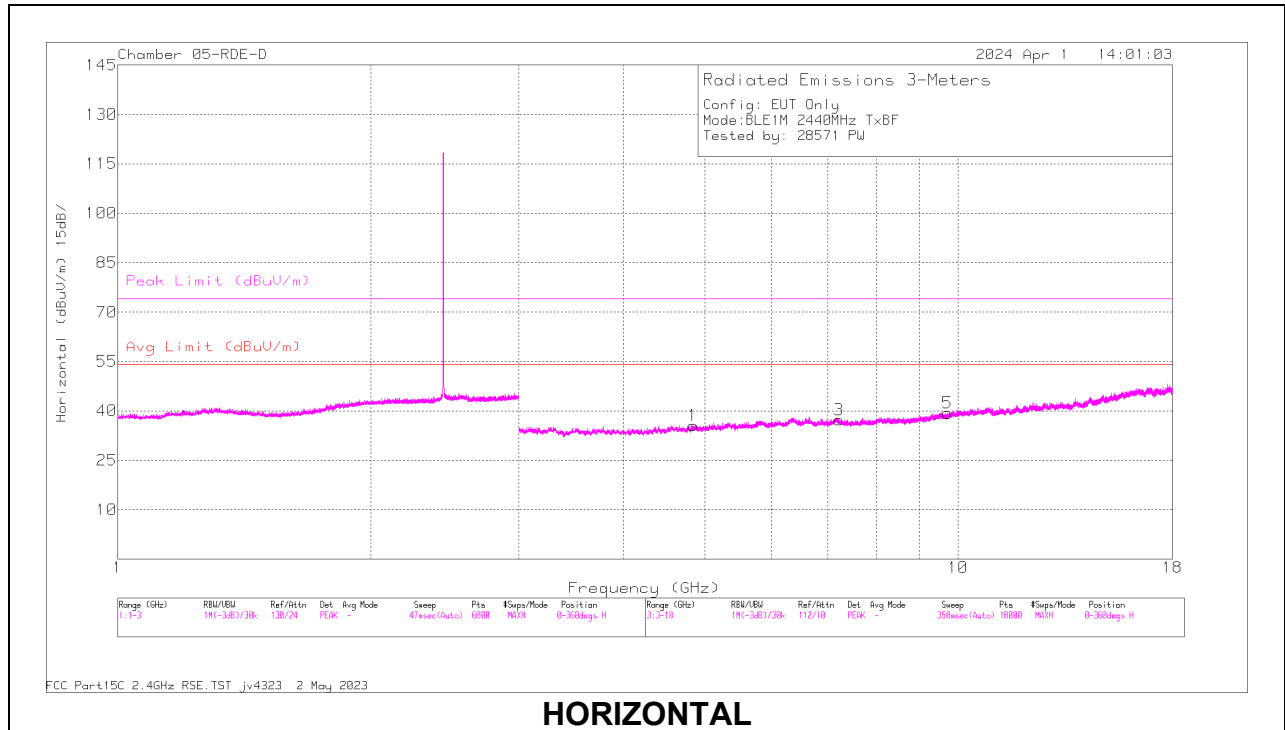


RADIATED EMISSIONS

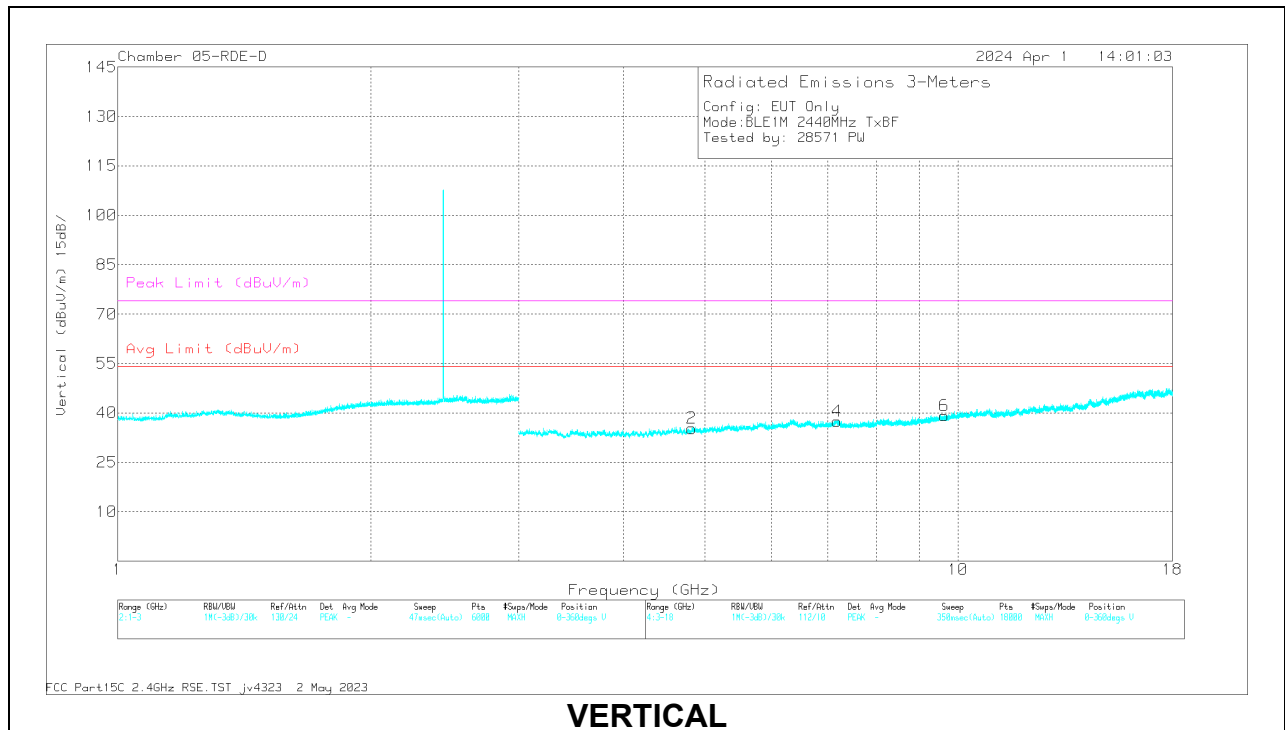
| Frequency (GHz) | Meter Reading (dBuV) | Det | 230299 ACF (dB/m) 3mH | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4.774413 | 59.13 | PK2 | 34.3 | -48.16 | 45.27 | - | - | 74 | -28.73 | 12 | 371 | V |
| 4.774841 | 47.48 | MAv1 | 34.3 | -48.12 | 33.66 | 54 | -20.34 | - | - | 12 | 371 | V |
| 4.824858 | 47.89 | MAv1 | 34.3 | -48.31 | 33.88 | 54 | -20.12 | - | - | 46 | 307 | H |
| 4.827413 | 59.51 | PK2 | 34.3 | -48.44 | 45.37 | - | - | 74 | -28.63 | 46 | 307 | H |
| 7.173672 | 45.77 | MAv1 | 36.1 | -45.67 | 36.2 | - | - | - | - | 27 | 266 | V |
| 7.174934 | 57.26 | PK2 | 36.1 | -45.7 | 47.66 | - | - | 74 | -26.34 | 27 | 266 | V |
| 7.213109 | 57.16 | PK2 | 36 | -45.9 | 47.26 | - | - | 74 | -26.74 | 216 | 366 | H |
| 7.215289 | 45.87 | MAv1 | 36 | -45.93 | 35.94 | - | - | - | - | 216 | 366 | H |
| 9.61138 | 46.89 | MAv1 | 36.9 | -46.16 | 37.63 | - | - | - | - | 191 | 333 | H |
| 9.614083 | 58.55 | PK2 | 36.9 | -46.1 | 49.35 | - | - | 74 | -24.65 | 191 | 333 | H |
| 9.639948 | 46.84 | MAv1 | 36.9 | -46.3 | 37.44 | - | - | - | - | 93 | 154 | V |
| 9.64103 | 58.31 | PK2 | 36.9 | -46.2 | 49.01 | - | - | 74 | -24.99 | 93 | 154 | V |

PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



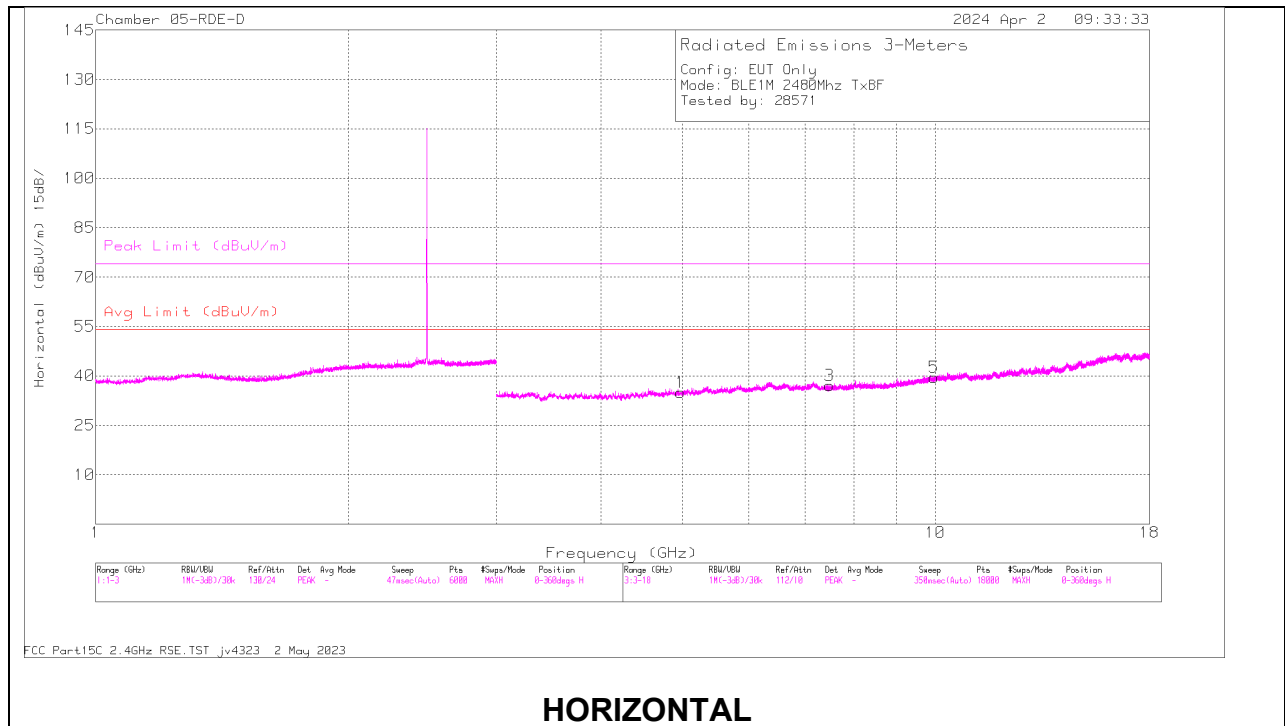
VERTICAL

RADIATED EMISSIONS

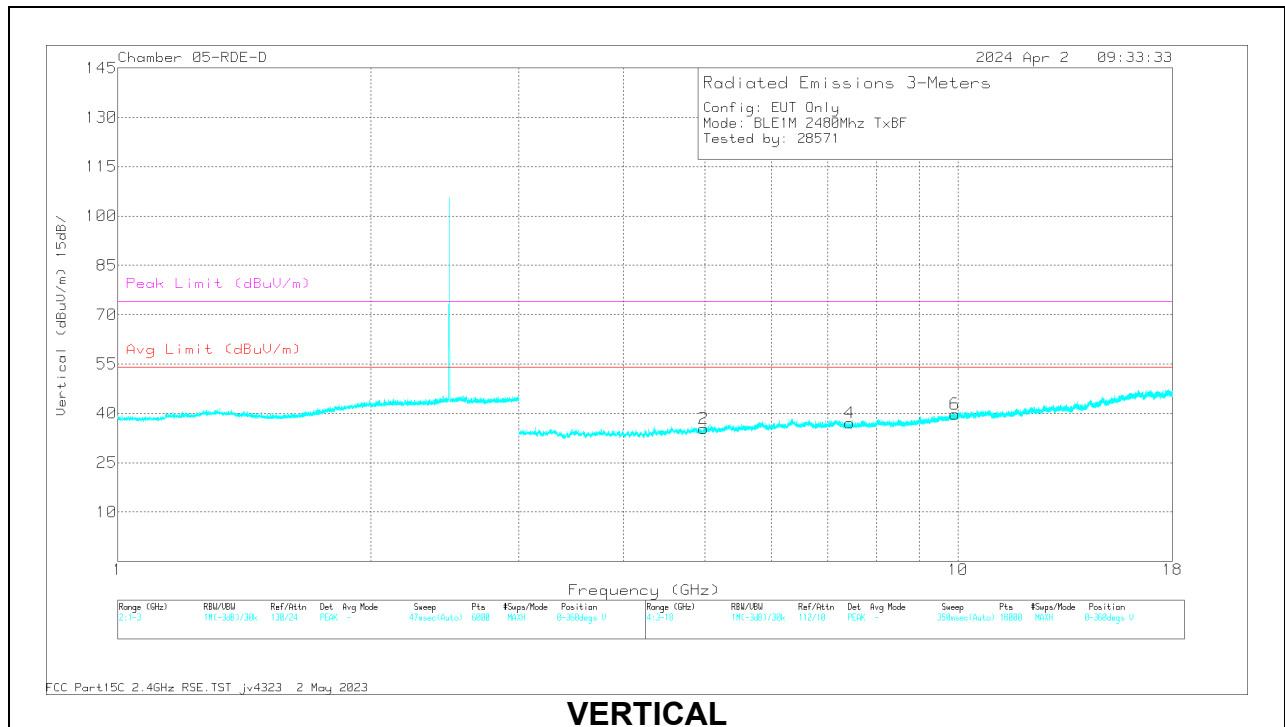
| Frequency (GHz) | Meter Reading (dBuV) | Det | 230299 ACF (dB/m) 3mH | Gain/Loss (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4.81469 | 47.9 | MAv1 | 34.3 | -48.6 | 33.6 | 54 | -20.4 | - | - | 75 | 305 | V |
| 4.81679 | 59.32 | PK2 | 34.3 | -48.68 | 44.94 | - | - | 74 | -29.06 | 75 | 305 | V |
| 4.839216 | 47.88 | MAv1 | 34.3 | -48.4 | 33.78 | 54 | -20.22 | - | - | 350 | 148 | H |
| 4.839915 | 59.69 | PK2 | 34.3 | -48.4 | 45.59 | - | - | 74 | -28.41 | 350 | 148 | H |
| 7.1759 | 58.11 | PK2 | 36.1 | -45.79 | 48.42 | - | - | 74 | -25.58 | 226 | 207 | V |
| 7.176296 | 45.67 | MAv1 | 36.1 | -45.8 | 35.97 | - | - | - | - | 226 | 207 | V |
| 7.219893 | 45.87 | MAv1 | 36 | -46 | 35.87 | - | - | - | - | 1 | 174 | H |
| 7.220033 | 57.5 | PK2 | 36 | -46 | 47.5 | - | - | 74 | -26.5 | 1 | 174 | H |
| 9.624236 | 46.8 | MAv1 | 36.9 | -46.3 | 37.4 | - | - | - | - | 312 | 176 | V |
| 9.62682 | 58.31 | PK2 | 36.9 | -46.22 | 48.99 | - | - | 74 | -25.01 | 312 | 176 | V |
| 9.710872 | 58.04 | PK2 | 37 | -46.2 | 48.84 | - | - | 74 | -25.16 | 224 | 138 | H |
| 9.711152 | 46.62 | MAv1 | 37 | -46.2 | 37.42 | - | - | - | - | 224 | 138 | H |

PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

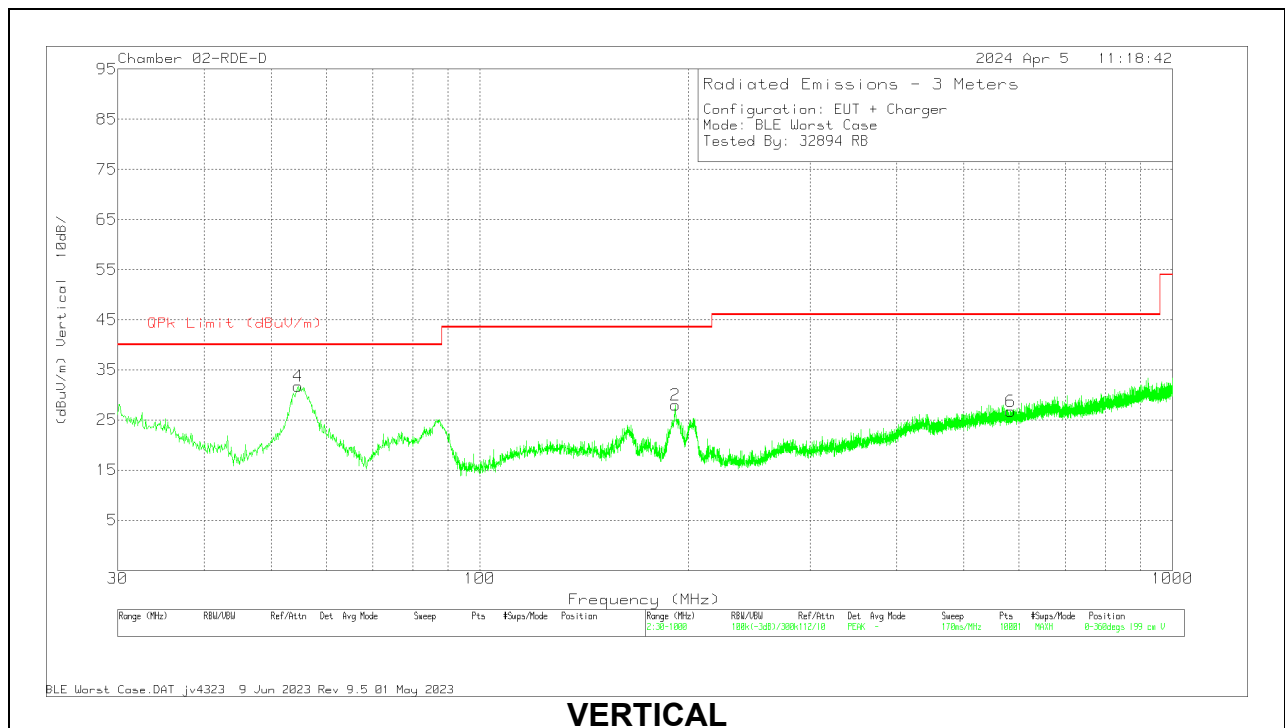
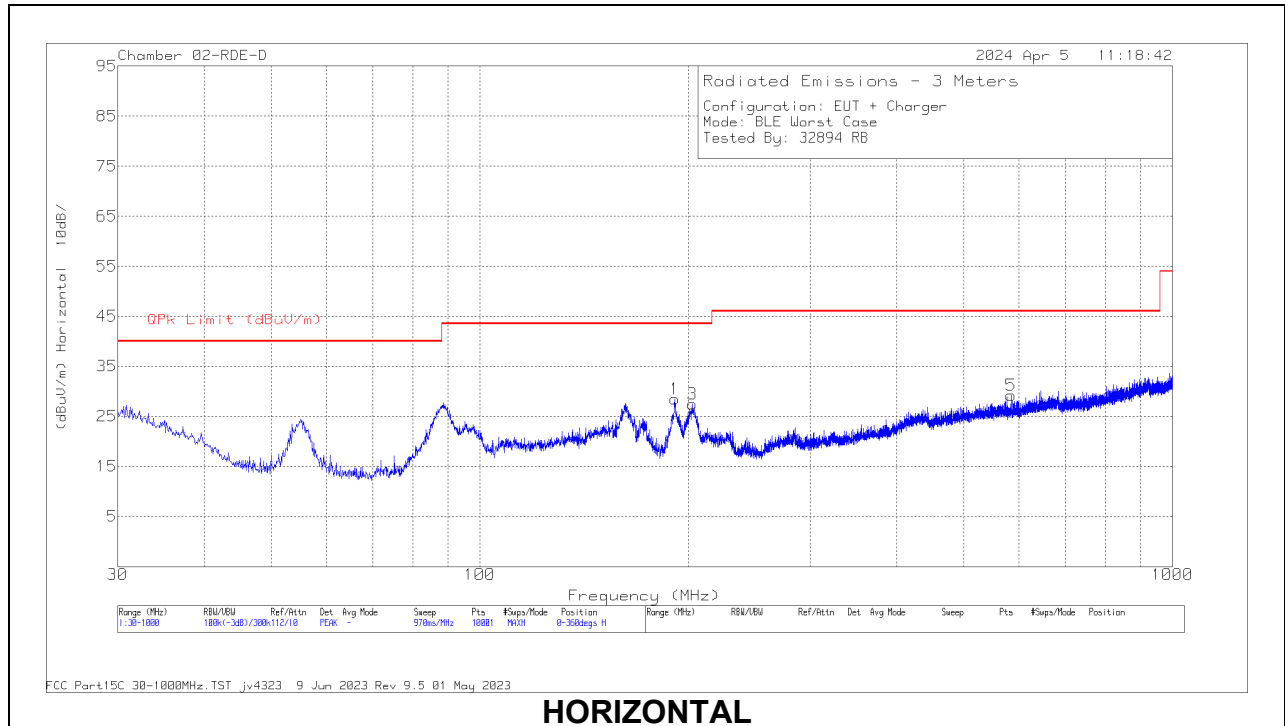
RADIATED EMISSIONS

| Frequency (GHz) | Meter Reading (dBuV) | Det | 230299 ACF (dB/m) 3mH | 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 |
|-----------------|----------------------|------|-----------------------|----------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 4.968957 | 59.36 | PK2 | 34.4 | -48 | 45.76 | - | - | 74 | -28.24 | 78 | 337 | H |
| * 4.968155 | 47.36 | MAv1 | 34.4 | -48.08 | 33.68 | 54 | -20.32 | - | - | 78 | 337 | H |
| * 7.485647 | 57.52 | PK2 | 35.8 | -46.44 | 46.88 | - | - | 74 | -27.12 | 95 | 267 | H |
| * 7.484047 | 45.98 | MAv1 | 35.8 | -46.5 | 35.28 | 54 | -18.72 | - | - | 95 | 267 | H |
| * 4.981366 | 59.09 | PK2 | 34.4 | -48 | 45.49 | - | - | 74 | -28.51 | 348 | 220 | V |
| * 4.978597 | 47.48 | MAv1 | 34.4 | -47.96 | 33.92 | 54 | -20.08 | - | - | 348 | 220 | V |
| * 7.435665 | 58.32 | PK2 | 35.8 | -46.8 | 47.32 | - | - | 74 | -26.68 | 273 | 339 | V |
| * 7.434734 | 46.35 | MAv1 | 35.8 | -46.8 | 35.35 | 54 | -18.65 | - | - | 273 | 339 | V |
| 9.92153 | 58.51 | PK2 | 37.2 | -46.1 | 49.61 | - | - | 74 | -24.39 | 313 | 230 | V |
| 9.921775 | 47.07 | MAv1 | 37.2 | -46.1 | 38.17 | - | - | - | - | 313 | 230 | V |
| 9.967526 | 58.67 | PK2 | 37.3 | -46.3 | 49.67 | - | - | 74 | -24.33 | 278 | 155 | H |
| 9.967772 | 47.42 | MAv1 | 37.3 | -46.3 | 38.42 | - | - | - | - | 278 | 155 | H |

* - 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 1 GHZ

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



DATA

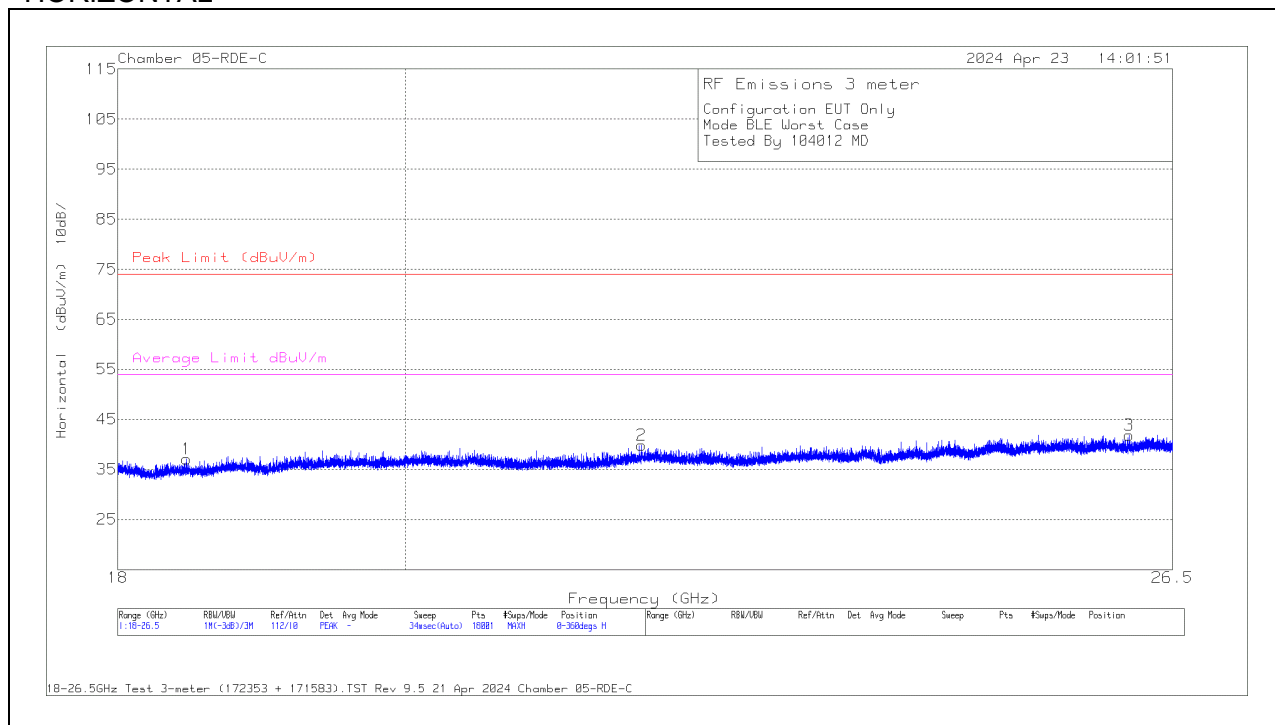
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 85151 ACF (dB/m) | Cb(dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 4 | 54.638 | 49.63 | Pk | 13.2 | -31.1 | 31.73 | 40 | -8.27 | 0-360 | 100 | V |
| | 54.638 | 42.24 | Qp | 13.2 | -31 | 24.44 | 40 | -15.56 | 204 | 182 | V |
| 3 | 88.588 | 44.67 | Pk | 13.7 | -30.7 | 27.67 | 43.52 | -15.85 | 0-360 | 399 | H |
| 1 | 191.311 | 40.85 | Pk | 17.3 | -29.7 | 28.45 | 43.52 | -15.07 | 0-360 | 98 | H |
| 2 | 191.408 | 40.41 | Pk | 17.3 | -29.7 | 28.01 | 43.52 | -15.51 | 0-360 | 100 | V |
| 6 | 584.549 | 30.17 | Pk | 24.2 | -27.6 | 26.77 | 46.02 | -19.25 | 0-360 | 199 | V |
| 5 | 584.743 | 32.63 | Pk | 24.2 | -27.6 | 29.23 | 46.02 | -16.79 | 0-360 | 299 | H |

Pk - Peak detector
 Qp - Quasi-Peak detector

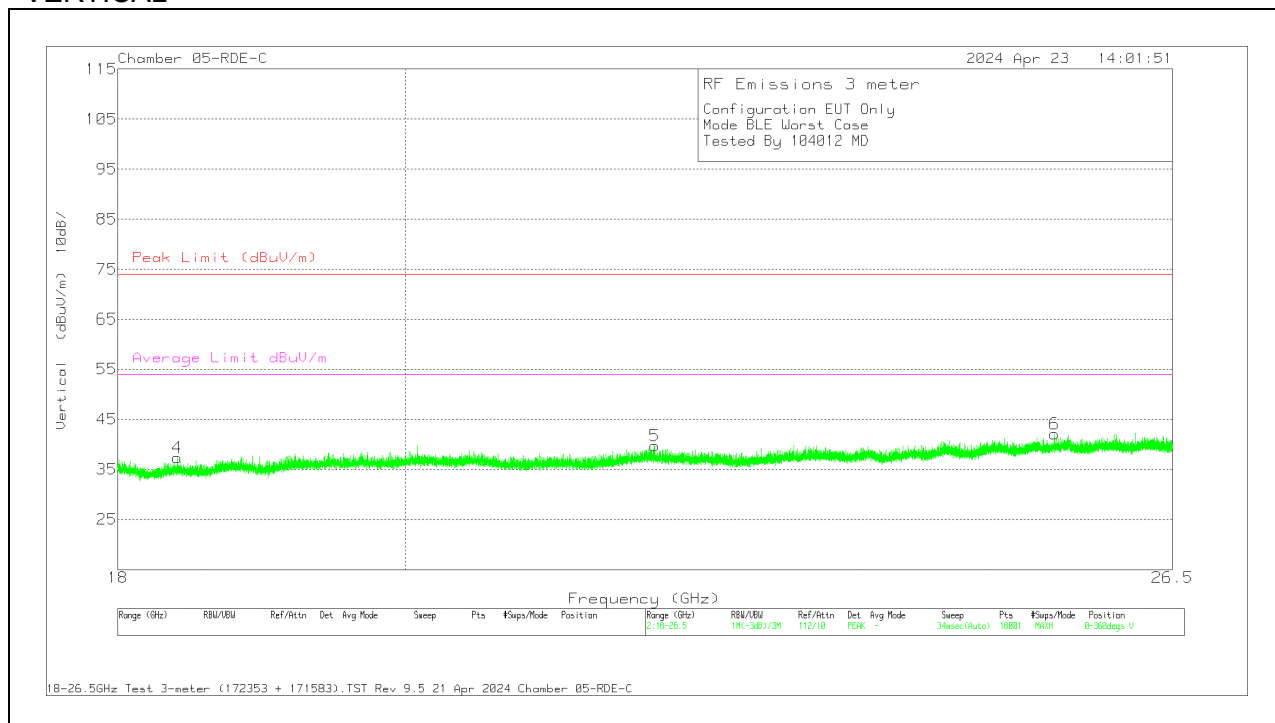
10.4. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)

HORIZONTAL



VERTICAL



DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 172353 ACF (dB/m) - 3mH | 171583 Amp Assembly (dB) | Cables (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Average Limit dBuV/m | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------------|--------------------------|-------------|----------------------------|---------------------|----------------|----------------------|-------------|----------------|-------------|----------|
| 4 | 18.396666 | 58.31 | Pk | 32.6 | -66.1 | 12.5 | 37.31 | 74 | -36.69 | 54 | -16.69 | 0-360 | 200 | V |
| 1 | 18.459472 | 58.14 | Pk | 32.6 | -66.1 | 12.5 | 37.14 | 74 | -36.86 | 54 | -16.86 | 0-360 | 101 | H |
| 2 | 21.810359 | 57.66 | Pk | 33.6 | -65 | 13.6 | 39.86 | 74 | -34.14 | 54 | -14.14 | 0-360 | 200 | H |
| 5 | 21.915665 | 57.57 | Pk | 33.7 | -65.2 | 13.7 | 39.77 | 74 | -34.23 | 54 | -14.23 | 0-360 | 101 | V |
| 6 | 25.379885 | 56.44 | Pk | 34.6 | -63.8 | 14.8 | 42.04 | 74 | -31.96 | 54 | -11.96 | 0-360 | 101 | V |
| 3 | 26.084913 | 55.17 | Pk | 34.8 | -63.1 | 15 | 41.87 | 74 | -32.13 | 54 | -12.13 | 0-360 | 101 | H |

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

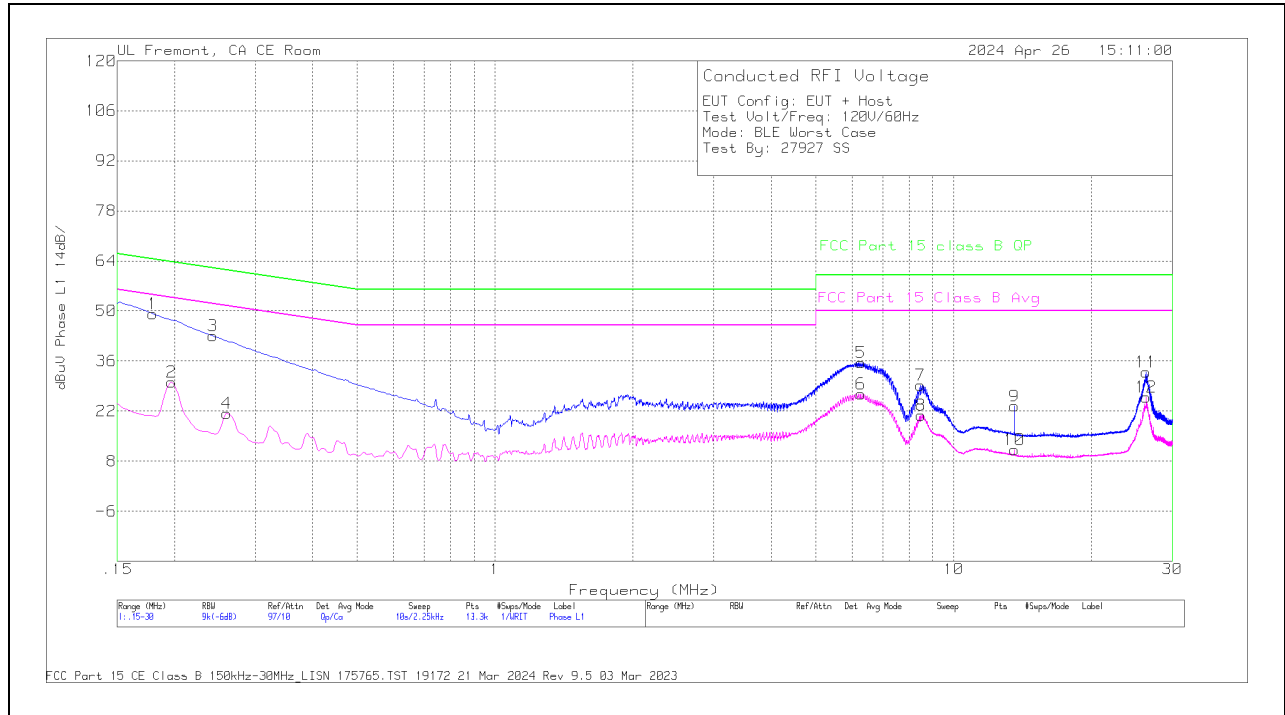
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC POWER LINE WITH LAPTOP

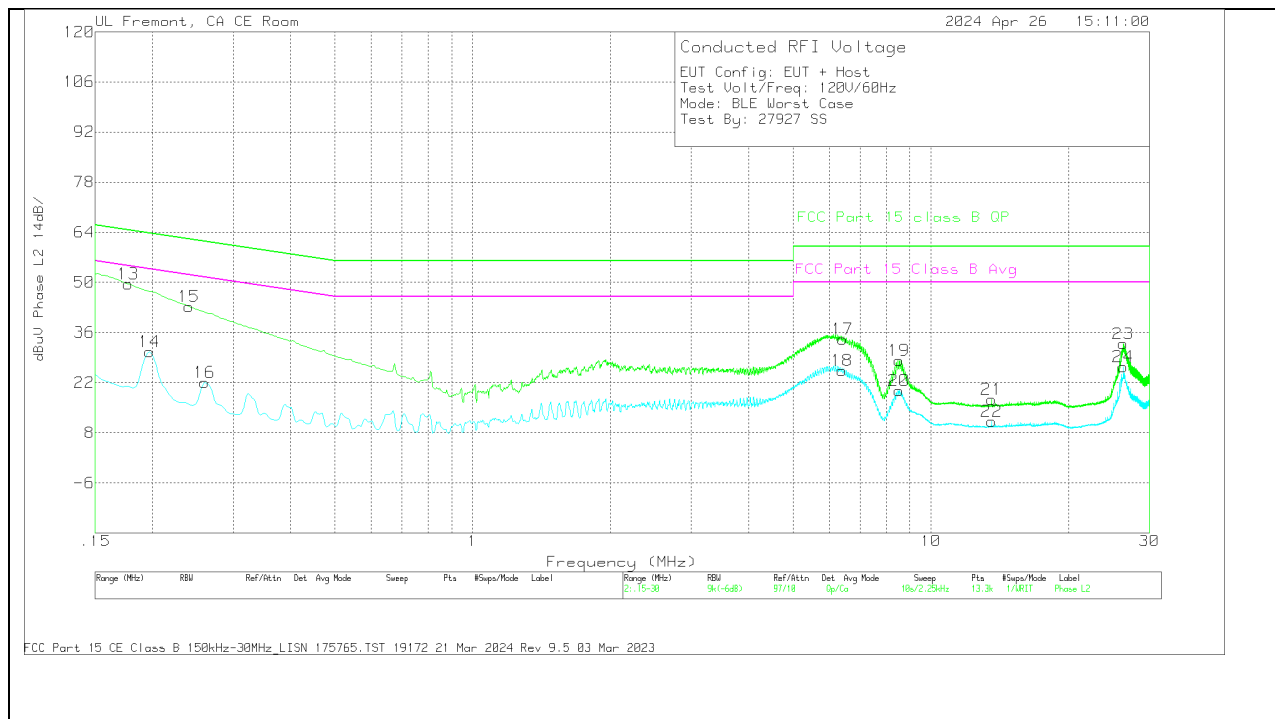
LINE 1 RESULTS



| Range 1: Phase L1 .15 - 30MHz | | | | | | | | | | | | |
|-------------------------------|-----------------|----------------------|-----|----------|-----------|-------------------|-----------|------------------------|------------------------------|-------------|-----------------------------|-------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Cbl (dB) | LISN (dB) | Trns Limiter (dB) | 10 dB Pad | Corrected Reading dBuV | FCC Part 15 Class B Avg dBuV | Margin (dB) | FCC Part 15 class B QP dBuV | Margin (dB) |
| 2 | .1973 | 10.51 | Ca | .1 | .1 | 9.4 | 10 | 30.11 | 53.73 | -23.62 | - | - |
| 4 | .2603 | 2.01 | Ca | 0 | 0 | 9.4 | 10 | 21.41 | 51.42 | -30.01 | - | - |
| 6 | 6.2745 | 7.23 | Ca | .2 | 0 | 9.4 | 10 | 26.83 | 50 | -23.17 | - | - |
| 8 | 8.493 | 1.29 | Ca | .2 | 0 | 9.4 | 10 | 20.89 | 50 | -29.11 | - | - |
| 10 | 13.56 | -8.65 | Ca | .3 | .1 | 9.5 | 10 | 11.25 | 50 | -38.75 | - | - |
| 12 | 26.2703 | 6.02 | Ca | .3 | .2 | 9.4 | 10 | 25.92 | 50 | -24.08 | - | - |
| 1 | .1793 | 29.63 | Qp | .1 | .1 | 9.4 | 10 | 49.23 | - | - | 64.52 | -15.29 |
| 3 | .2423 | 23.62 | Qp | 0 | 0 | 9.4 | 10 | 43.02 | - | - | 62.02 | -19 |
| 5 | 6.2768 | 16.05 | Qp | .2 | 0 | 9.3 | 10 | 35.55 | - | - | 60 | -24.45 |
| 7 | 8.475 | 9.7 | Qp | .2 | 0 | 9.4 | 10 | 29.3 | - | - | 60 | -30.7 |
| 9 | 13.56 | 3.47 | Qp | .3 | .1 | 9.5 | 10 | 23.37 | - | - | 60 | -36.63 |
| 11 | 26.2703 | 12.98 | Qp | .3 | .2 | 9.4 | 10 | 32.88 | - | - | 60 | -27.12 |

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) | Trns Limiter (dB) | 10 dB Pad | Corrected Reading dBuV | FCC Part 15 Class B Avg dBuV | Margin (dB) | FCC Part 15 class B QP dBuV | Margin (dB) |
| 14 | .1973 | 11.14 | Ca | .1 | 0 | 9.4 | 10 | 30.64 | 53.73 | -23.09 | - | - |
| 16 | .2603 | 2.7 | Ca | 0 | 0 | 9.4 | 10 | 22.1 | 51.42 | -29.32 | - | - |
| 18 | 6.405 | 5.89 | Ca | .1 | 0 | 9.4 | 10 | 25.39 | 50 | -24.61 | - | - |
| 20 | 8.529 | .11 | Ca | .2 | 0 | 9.4 | 10 | 19.71 | 50 | -30.29 | - | - |
| 22 | 13.56 | -8.62 | Ca | .2 | .1 | 9.5 | 10 | 11.18 | 50 | -38.82 | - | - |
| 24 | 26.2703 | 6.46 | Ca | .3 | .2 | 9.4 | 10 | 26.36 | 50 | -23.64 | - | - |
| 13 | .177 | 30.05 | Qp | .1 | 0 | 9.4 | 10 | 49.55 | - | - | 64.63 | -15.08 |
| 15 | .24 | 23.92 | Qp | 0 | 0 | 9.4 | 10 | 43.32 | - | - | 62.1 | -18.78 |
| 17 | 6.423 | 14.7 | Qp | .1 | 0 | 9.4 | 10 | 34.2 | - | - | 60 | -25.8 |
| 19 | 8.5301 | 8.6 | Qp | .2 | 0 | 9.4 | 10 | 28.2 | - | - | 60 | -31.8 |
| 21 | 13.56 | -2.45 | Qp | .2 | .1 | 9.5 | 10 | 17.35 | - | - | 60 | -42.65 |
| 23 | 26.2703 | 12.94 | Qp | .3 | .2 | 9.4 | 10 | 32.84 | - | - | 60 | -27.16 |

Qp - Quasi-Peak detector
 Ca - CISPR average detection

11.1.2. AC POWER LINE WITH AC/DC ADAPTER

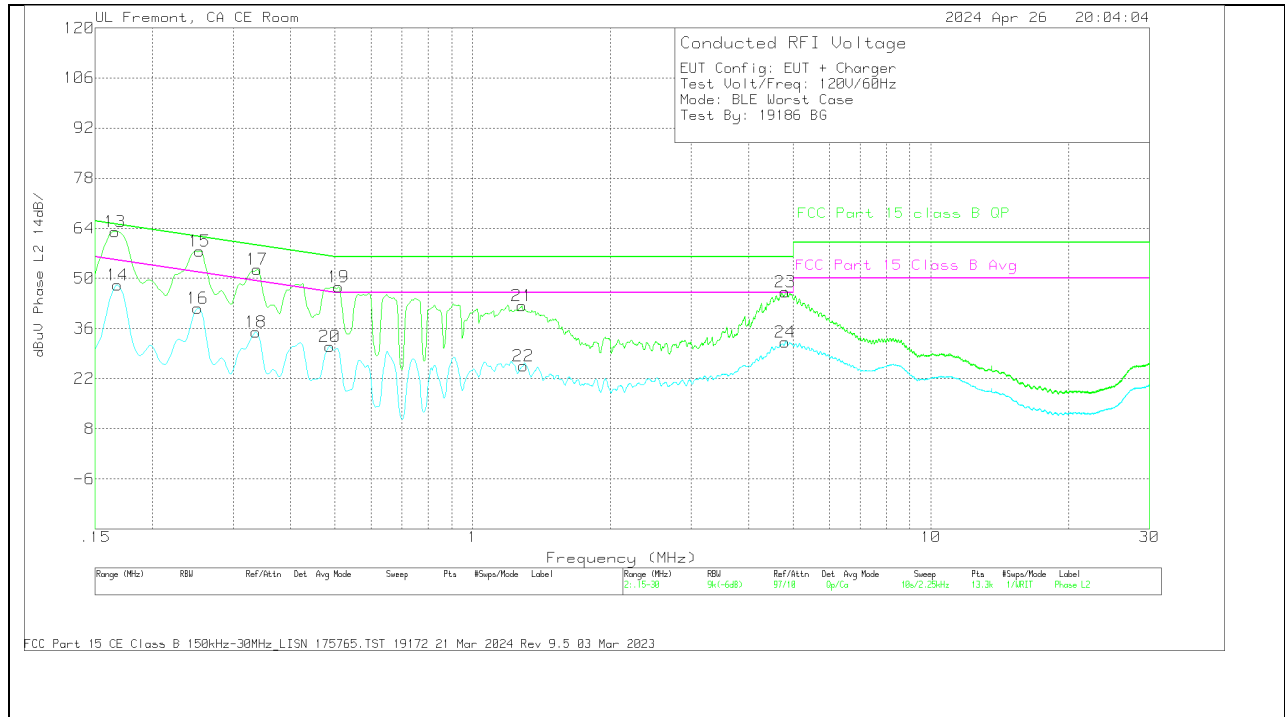
LINE 1 RESULTS



| Range 1: Phase L1 .15 - 30MHz | | | | | | | | | | | | |
|-------------------------------|-----------------|----------------------|-----|----------|-----------|-------------------|-----------|------------------------|------------------------------|-------------|-----------------------------|-------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Cbl (dB) | LISN (dB) | Trns Limiter (dB) | 10 dB Pad | Corrected Reading dBuV | FCC Part 15 Class B Avg dBuV | Margin (dB) | FCC Part 15 class B QP dBuV | Margin (dB) |
| 2 | .168 | 29.25 | Ca | 0 | .1 | 9.5 | 10 | 48.85 | 55.06 | -6.21 | - | - |
| 4 | .2513 | 22.81 | Ca | 0 | 0 | 9.4 | 10 | 42.21 | 51.72 | -9.51 | - | - |
| 6 | .3368 | 16.03 | Ca | 0 | 0 | 9.4 | 10 | 35.43 | 49.28 | -13.85 | - | - |
| 8 | .4875 | 11.63 | Ca | 0 | 0 | 9.3 | 10 | 30.93 | 46.21 | -15.28 | - | - |
| 10 | 1.2143 | 6.76 | Ca | .1 | 0 | 9.4 | 10 | 26.26 | 46 | -19.74 | - | - |
| 12 | 4.8311 | 11.28 | Ca | .2 | 0 | 9.4 | 10 | 30.88 | 46 | -15.12 | - | - |
| 1 | .1658 | 43.92 | Qp | 0 | .1 | 9.5 | 10 | 63.52 | - | - | 65.17 | -1.65 |
| 3 | .2535 | 38.78 | Qp | 0 | 0 | 9.4 | 10 | 58.18 | - | - | 61.64 | -3.46 |
| 5 | .339 | 33.41 | Qp | 0 | 0 | 9.4 | 10 | 52.81 | - | - | 59.23 | -6.42 |
| 7 | .51 | 28.6 | Qp | 0 | 0 | 9.3 | 10 | 47.9 | - | - | 56 | -8.1 |
| 9 | 1.194 | 22.55 | Qp | .1 | 0 | 9.4 | 10 | 42.05 | - | - | 56 | -13.95 |
| 11 | 4.8289 | 25.48 | Qp | .2 | 0 | 9.4 | 10 | 45.08 | - | - | 56 | -10.92 |

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) | Trns Limiter (dB) | 10 dB Pad | Corrected Reading dBuV | FCC Part 15 Class B Avg dBuV | Margin (dB) | FCC Part 15 class B QP dBuV | Margin (dB) |
| 14 | .168 | 28.6 | Ca | 0 | .1 | 9.5 | 10 | 48.2 | 55.06 | -6.86 | - | - |
| 16 | .2513 | 22.31 | Ca | 0 | 0 | 9.4 | 10 | 41.71 | 51.72 | -10.01 | - | - |
| 18 | .3368 | 15.58 | Ca | .1 | 0 | 9.4 | 10 | 35.08 | 49.28 | -14.2 | - | - |
| 20 | .4875 | 11.62 | Ca | 0 | 0 | 9.3 | 10 | 30.92 | 46.21 | -15.29 | - | - |
| 22 | 1.2885 | 6.11 | Ca | 0 | 0 | 9.4 | 10 | 25.51 | 46 | -20.49 | - | - |
| 24 | 4.812 | 12.73 | Ca | .1 | 0 | 9.4 | 10 | 32.23 | 46 | -13.77 | - | - |
| 13 | .1658 | 43.47 | Qp | 0 | .1 | 9.5 | 10 | 63.07 | - | - | 65.17 | -2.1 |
| 15 | .2535 | 38.26 | Qp | 0 | 0 | 9.4 | 10 | 57.66 | - | - | 61.64 | -3.98 |
| 17 | .339 | 32.98 | Qp | .1 | 0 | 9.4 | 10 | 52.48 | - | - | 59.23 | -6.75 |
| 19 | .51 | 28.32 | Qp | 0 | 0 | 9.3 | 10 | 47.62 | - | - | 56 | -8.38 |
| 21 | 1.2818 | 22.91 | Qp | 0 | 0 | 9.4 | 10 | 42.31 | - | - | 56 | -13.69 |
| 23 | 4.812 | 26.74 | Qp | .1 | 0 | 9.4 | 10 | 46.24 | - | - | 56 | -9.76 |

Qp - Quasi-Peak detector
 Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 14982479-EP1V1 for setup photos