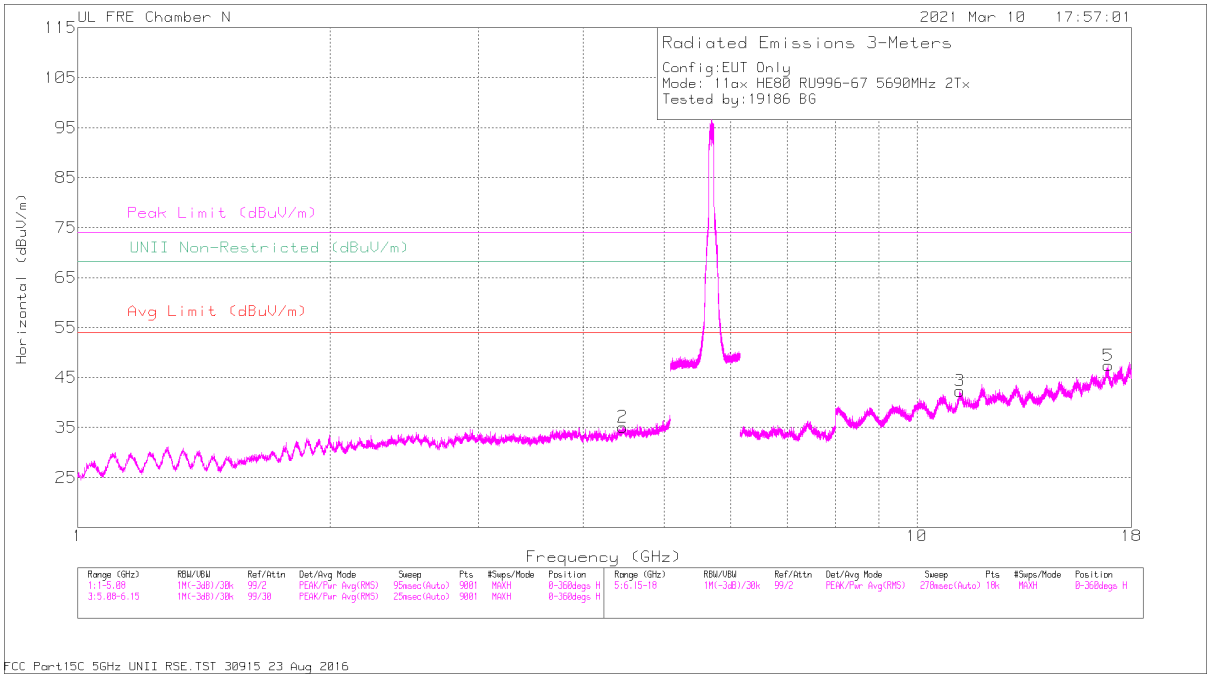
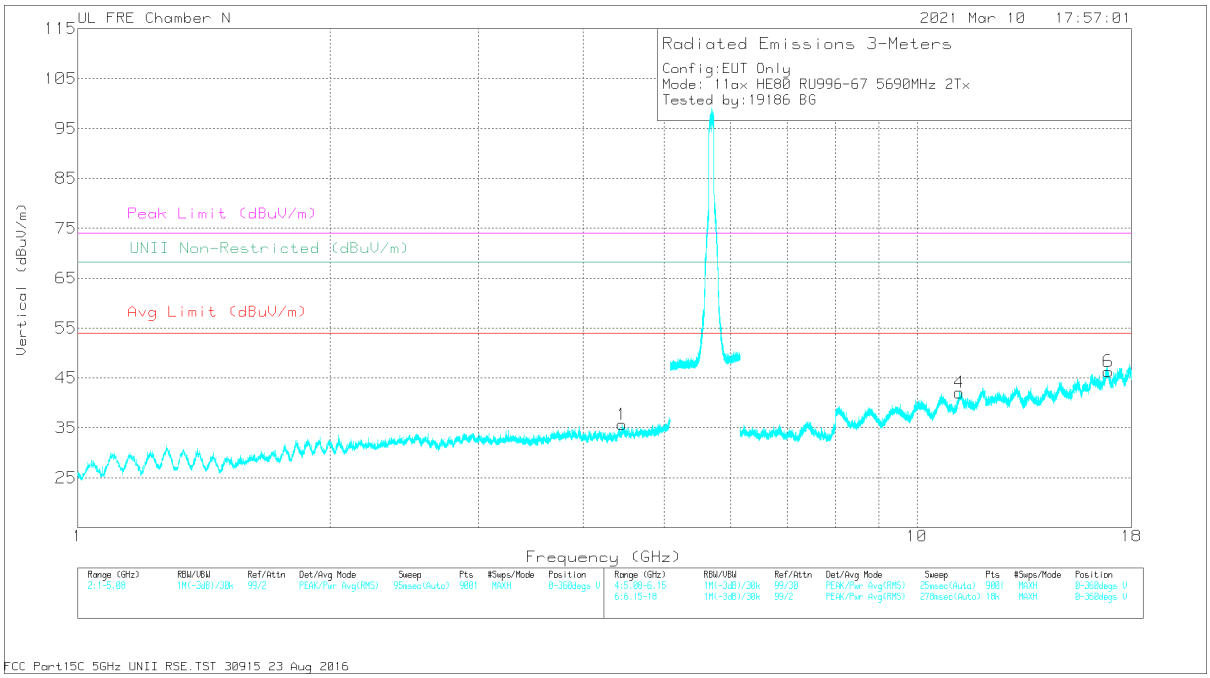
# CHANNEL 138 RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 11.24418 | 52.66 | PK-U | 38 | -38.7 | 51.96 | - | - | 74 | -22.04 | - | - | 273 | 303 | H |
| | * 11.24338 | 40.87 | ADR | 38 | -38.7 | 40.17 | 54 | -13.83 | - | - | - | - | 273 | 303 | H |
| 4 | * 11.23089 | 52.17 | PK-U | 38 | -38.7 | 51.47 | - | - | 74 | -22.53 | - | - | 286 | 263 | V |
| | * 11.23007 | 40.7 | ADR | 38 | -38.7 | 40.00 | 54 | -14.00 | - | - | - | - | 286 | 263 | V |
| 1 | 4.45306 | 55.44 | PK-U | 34.1 | -43.2 | 46.34 | - | - | - | - | 68.2 | -21.86 | 105 | 217 | V |
| 2 | 4.45709 | 55.2 | PK-U | 34 | -43.2 | 46 | - | - | - | - | 68.2 | -22.2 | 50 | 388 | H |
| 6 | 16.89782 | 49.28 | PK-U | 41.6 | -35.5 | 55.38 | - | - | - | - | 68.2 | -12.82 | 265 | 277 | V |
| 5 | 16.89784 | 49.03 | PK-U | 41.6 | -35.5 | 55.13 | - | - | - | - | 68.2 | -13.07 | 258 | 265 | 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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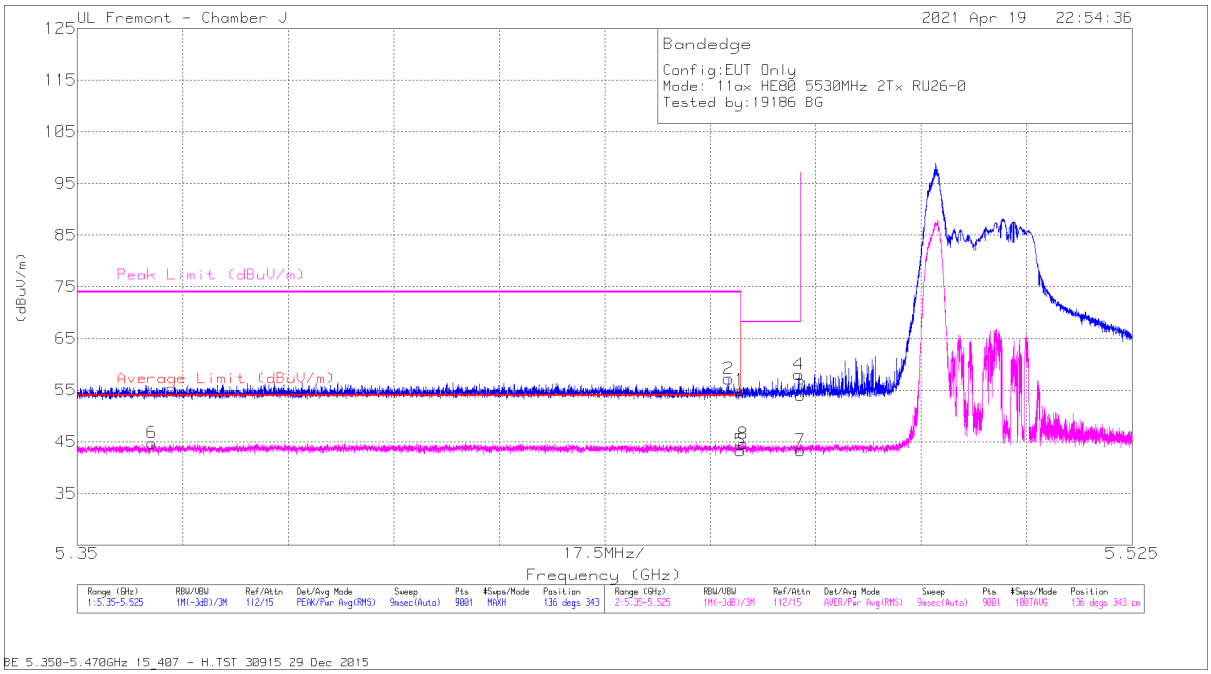
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 5.45999 | 40.49 | Pk | 34.6 | -20.1 | 0 | 54.99 | - | - | 74 | -19.01 | 136 | 343 | H |
| 2 | * 5.45803 | 42.62 | Pk | 34.7 | -20.1 | 0 | 57.22 | - | - | 74 | -16.78 | 136 | 343 | H |
| 3 | 5.46999 | 39.35 | Pk | 34.7 | -20.1 | 0 | 53.95 | - | - | 68.2 | -14.25 | 136 | 343 | H |
| 4 | 5.4697 | 43.45 | Pk | 34.7 | -20.1 | 0 | 58.05 | - | - | 68.2 | -10.15 | 136 | 343 | H |
| 5 | * 5.45999 | 28.8 | RMS | 34.6 | -20.1 | .12 | 43.42 | 54 | -10.58 | - | - | 136 | 343 | H |
| 6 | * 5.36242 | 30.58 | RMS | 34.6 | -20.4 | .12 | 44.9 | 54 | -9.1 | - | - | 136 | 343 | H |
| 7 | 5.46999 | 28.72 | RMS | 34.7 | -20.1 | .12 | 43.44 | - | - | - | - | 136 | 343 | H |
| 8 | 5.46044 | 30.1 | RMS | 34.6 | -20.1 | .12 | 44.72 | - | - | - | - | 136 | 343 | H |

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



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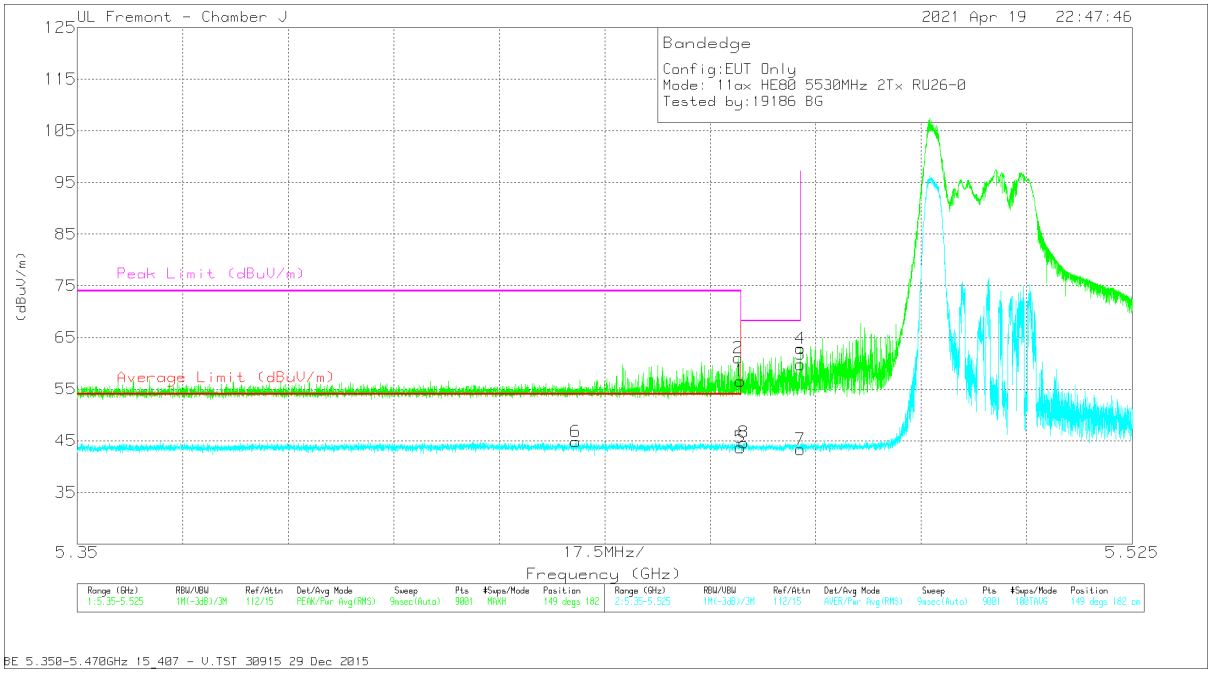
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 5.45999 | 42.06 | Pk | 34.6 | -20.1 | 0 | 56.56 | - | - | 74 | -17.44 | 149 | 182 | V |
| 2 | * 5.45964 | 46.41 | Pk | 34.7 | -20.1 | 0 | 61.01 | - | - | 74 | -12.99 | 149 | 182 | V |
| 3 | 5.46999 | 45.17 | Pk | 34.7 | -20.1 | 0 | 59.77 | - | - | 68.2 | -8.43 | 149 | 182 | V |
| 4 | 5.46997 | 48.24 | Pk | 34.7 | -20.1 | 0 | 62.84 | - | - | 68.2 | -5.36 | 149 | 182 | V |
| 5 | * 5.45999 | 29.19 | RMS | 34.6 | -20.1 | .12 | 43.81 | 54 | -10.19 | - | - | 149 | 182 | V |
| 6 | * 5.4327 | 30.42 | RMS | 34.6 | -20.2 | .12 | 44.94 | 54 | -9.06 | - | - | 149 | 182 | V |
| 7 | 5.46999 | 28.73 | RMS | 34.7 | -20.1 | .12 | 43.45 | - | - | - | - | 149 | 182 | V |
| 8 | 5.4606 | 30.15 | RMS | 34.6 | -20.1 | .12 | 44.77 | - | - | - | - | 149 | 182 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection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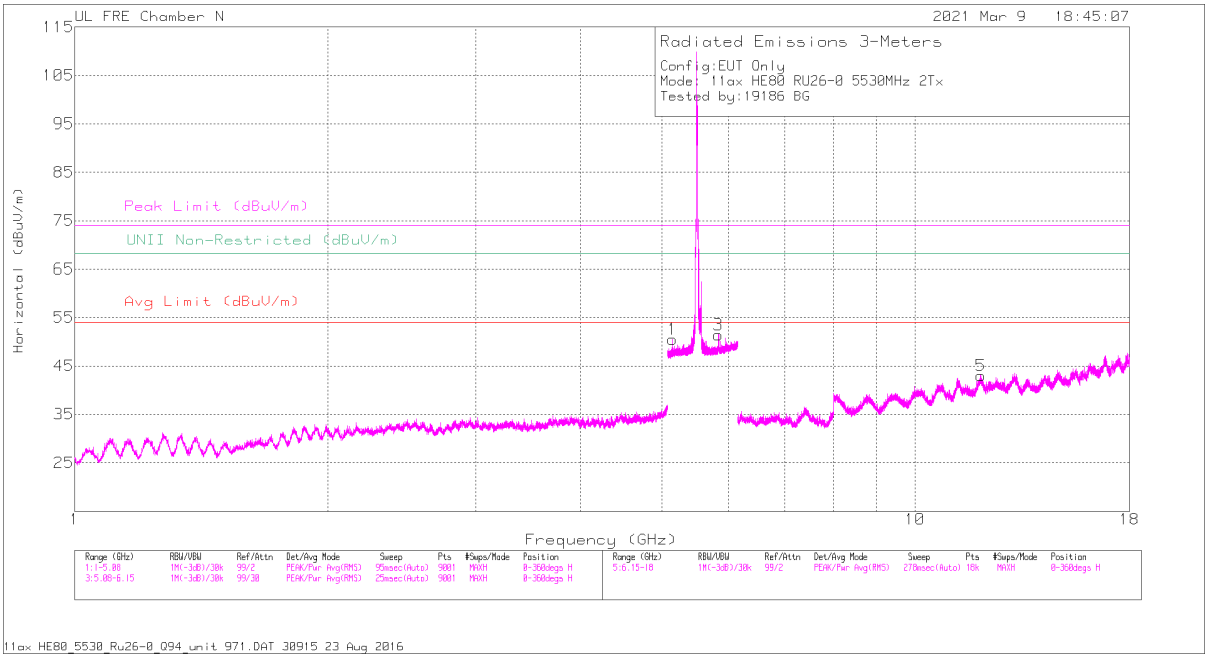
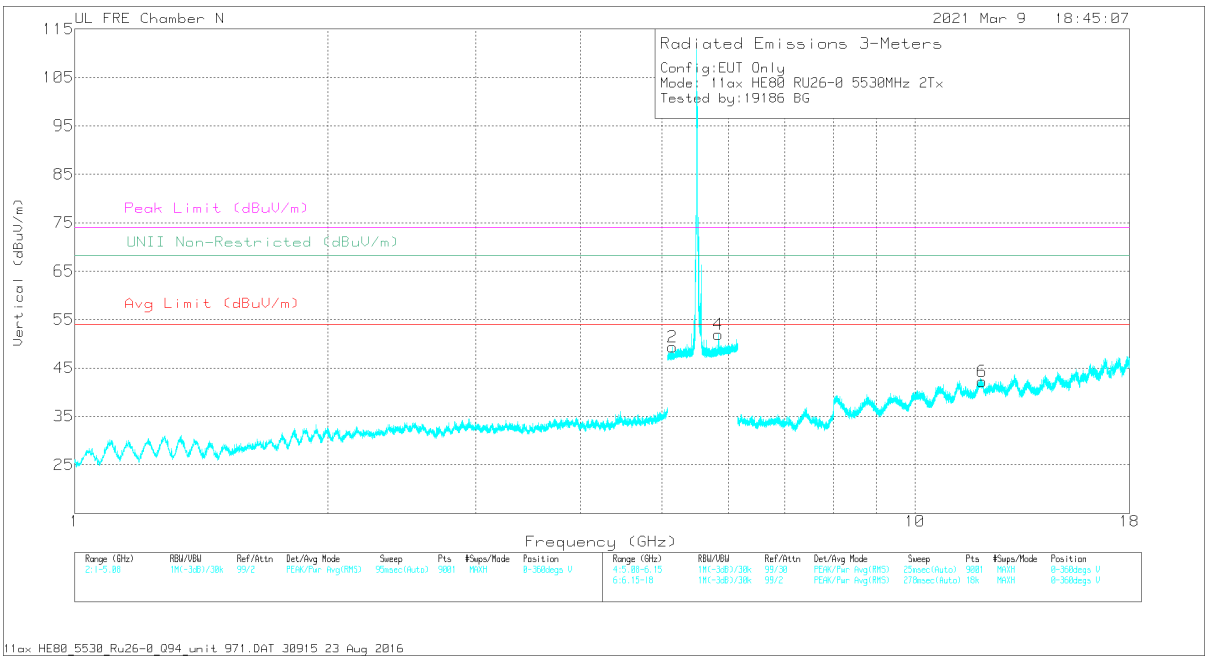
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 5.14509 | 57.49 | PK-U | 34.3 | -33.4 | 58.39 | - | - | 74 | -15.61 | - | - | 137 | 125 | H |
| | * 5.14695 | 45.56 | ADR | 34.3 | -33.4 | 46.46 | 54 | -7.54 | - | - | - | - | 137 | 125 | H |
| 2 | * 5.14622 | 57.36 | PK-U | 34.3 | -33.4 | 58.26 | - | - | 74 | -15.74 | - | - | 348 | 338 | V |
| | * 5.14666 | 45.83 | ADR | 34.3 | -33.4 | 46.73 | 54 | -7.27 | - | - | - | - | 348 | 338 | V |
| 5 | * 11.97198 | 50.11 | PK-U | 38.8 | -37.6 | 51.31 | - | - | 74 | -22.69 | - | - | 234 | 262 | H |
| | * 11.97241 | 38.71 | ADR | 38.8 | -37.6 | 39.91 | 54 | -14.09 | - | - | - | - | 234 | 262 | H |
| 6 | * 12.02666 | 49.96 | PK-U | 38.8 | -37.6 | 51.16 | - | - | 74 | -22.84 | - | - | 57 | 282 | V |
| | * 12.02769 | 38.3 | ADR | 38.9 | -37.5 | 39.7 | 54 | -14.3 | - | - | - | - | 57 | 282 | V |
| 4 | 5.83489 | 55.86 | PK-U | 34.9 | -32.5 | 58.26 | - | - | - | - | 68.2 | -9.94 | 336 | 125 | V |
| 3 | 5.83809 | 56.31 | PK-U | 34.9 | -32.4 | 58.81 | - | - | - | - | 68.2 | -9.39 | 298 | 277 | 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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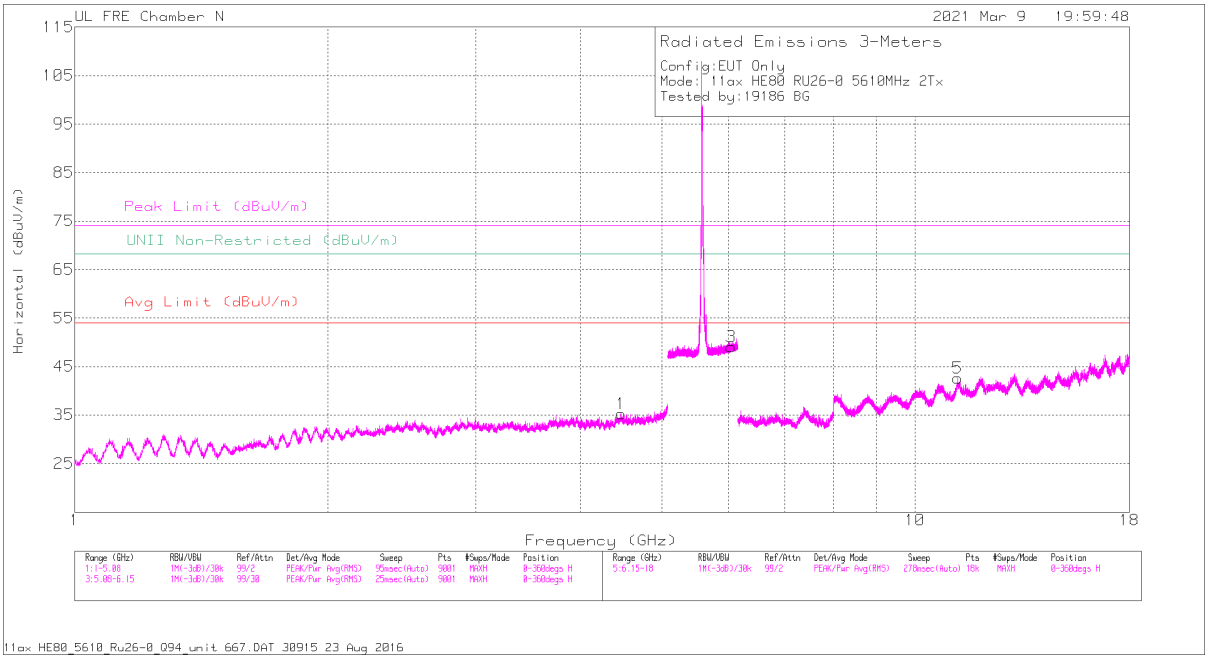
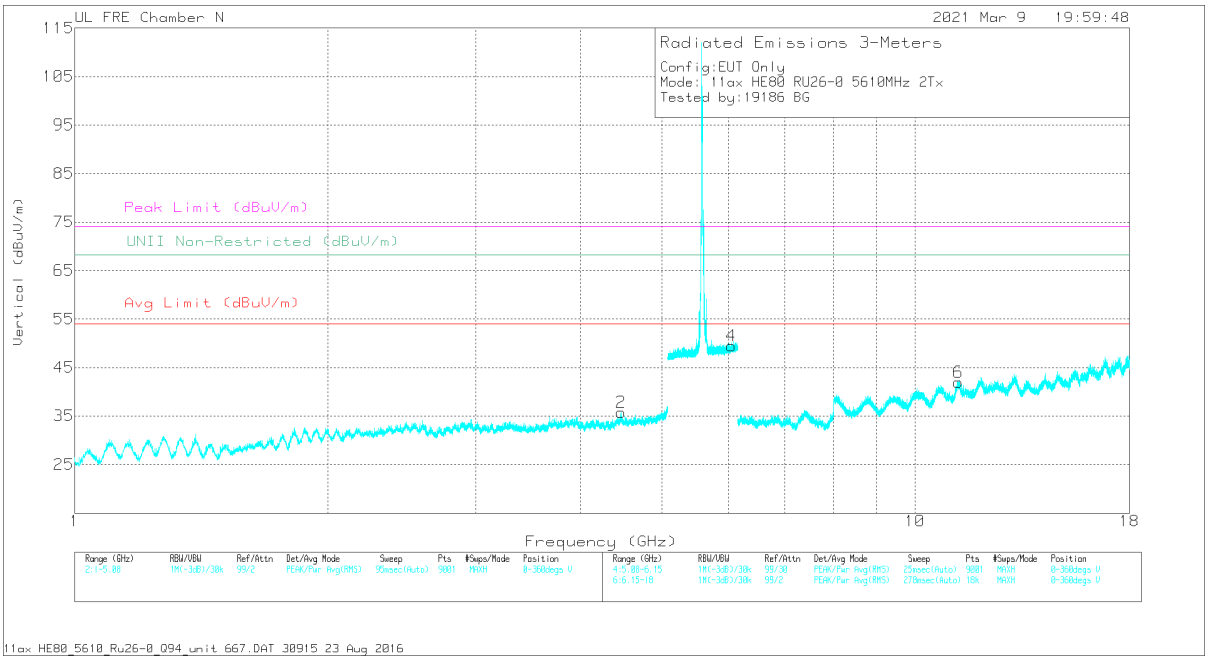
# HIGH CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | * 11.24123 | 52.32 | PK-U | 38 | -38.7 | 51.62 | - | - | 74 | -22.38 | - | - | 32 | 115 | H |
| | * 11.23919 | 40.49 | ADR | 38 | -38.7 | 39.79 | 54 | -14.21 | - | - | - | - | 32 | 115 | H |
| 6 | * 11.25439 | 53.19 | PK-U | 38 | -38.9 | 52.29 | - | - | 74 | -21.71 | - | - | 351 | 253 | V |
| | * 11.25331 | 40.76 | ADR | 38 | -38.9 | 39.86 | 54 | -14.14 | - | - | - | - | 351 | 253 | V |
| 2 | 4.46705 | 55.49 | PK-U | 34.1 | -43.2 | 46.39 | - | - | - | - | 68.2 | -21.81 | 238 | 341 | V |
| 1 | 4.46881 | 56.65 | PK-U | 34.1 | -43.1 | 47.65 | - | - | - | - | 68.2 | -20.55 | 182 | 386 | H |
| 4 | 6.04346 | 55.7 | PK-U | 35.4 | -32 | 59.1 | - | - | - | - | 68.2 | -9.1 | 324 | 220 | V |
| 3 | 6.04351 | 55.8 | PK-U | 35.4 | -32 | 59.2 | - | - | - | - | 68.2 | -9 | 0 | 264 | H |

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



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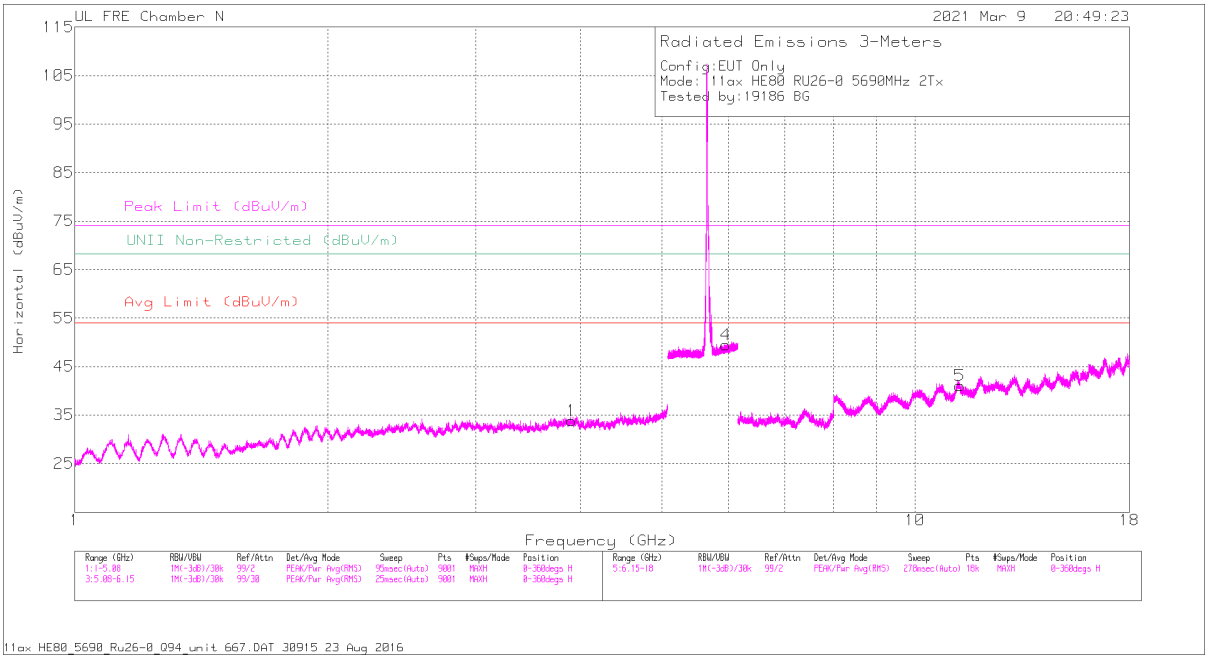
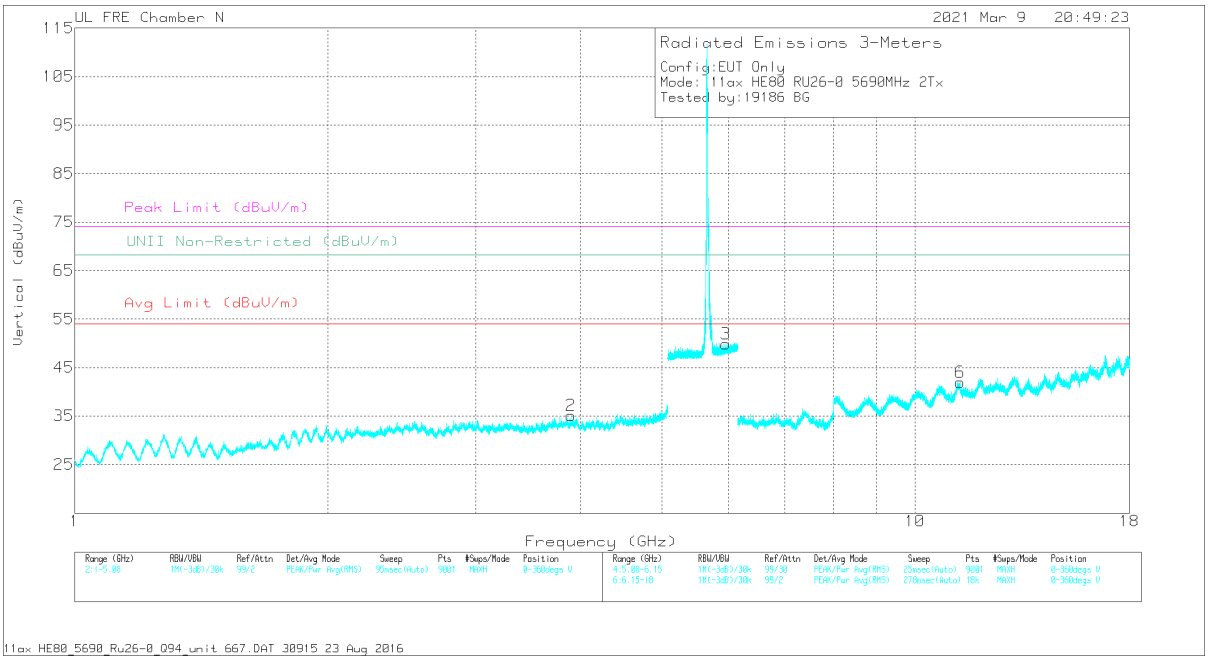
# CHANNEL 138 RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 3.90098 | 56.18 | PK-U | 33.6 | -43.2 | 46.58 | - | - | 74 | -27.42 | - | - | 236 | 398 | H |
| | * 3.90116 | 44.4 | ADR | 33.6 | -43.2 | 34.8 | 54 | -19.2 | - | - | - | - | 236 | 398 | H |
| 2 | * 3.89493 | 54.07 | PK-U | 33.6 | -43.3 | 44.37 | - | - | 74 | -29.63 | - | - | 205 | 389 | V |
| | * 3.89795 | 42.35 | ADR | 33.6 | -43.2 | 32.75 | 54 | -21.25 | - | - | - | - | 205 | 389 | V |
| 5 | * 11.31007 | 52.35 | PK-U | 38.1 | -38.8 | 51.65 | - | - | 74 | -22.35 | - | - | 72 | 198 | H |
| | * 11.30882 | 40.68 | ADR | 38.1 | -38.8 | 39.98 | 54 | -14.02 | - | - | - | - | 72 | 198 | H |
| 6 | * 11.31675 | 52.53 | PK-U | 38.1 | -38.9 | 51.73 | - | - | 74 | -22.27 | - | - | 324 | 209 | V |
| | * 11.31688 | 40.48 | ADR | 38.1 | -38.9 | 39.68 | 54 | -14.32 | - | - | - | - | 324 | 209 | V |
| 4 | 5.95497 | 55.89 | PK-U | 35.2 | -32.2 | 58.89 | - | - | - | - | 68.2 | -9.31 | 244 | 298 | H |
| 3 | 5.95624 | 55.78 | PK-U | 35.2 | -32.1 | 58.88 | - | - | - | - | 68.2 | -9.32 | 259 | 323 | 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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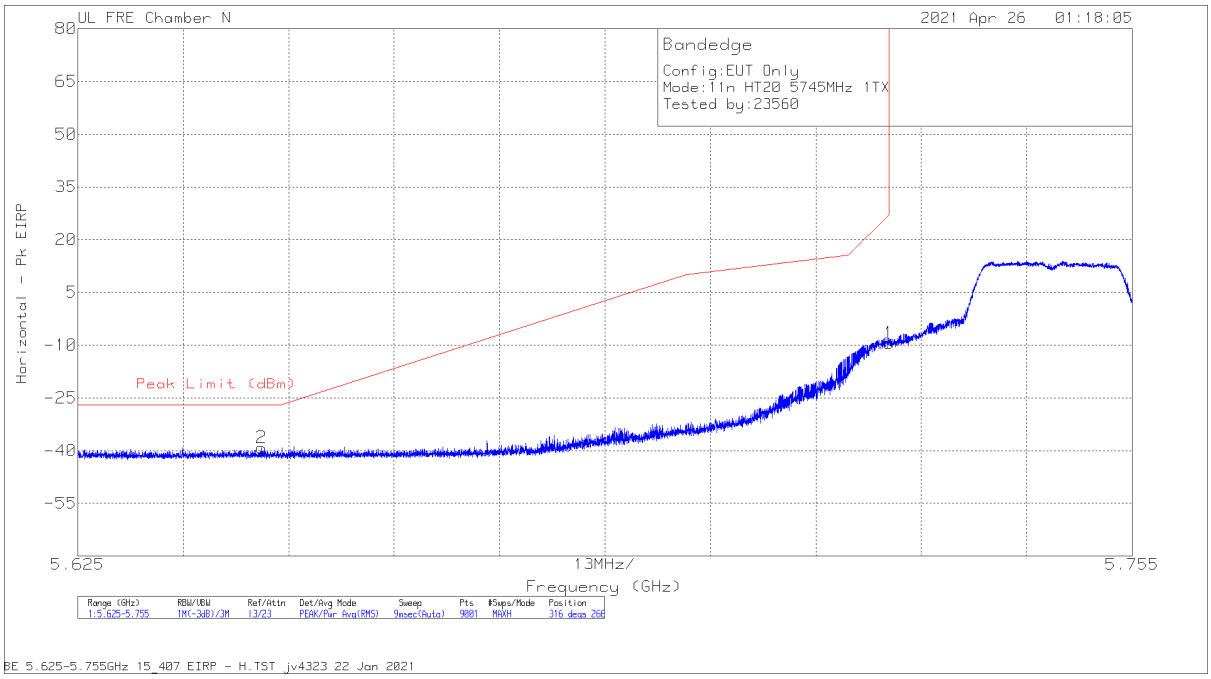
## 1.1.19. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

**1TX ANTENNA 6**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64766 | -52.81 | Pk | 34.6 | -32.8 | 11.8 | -39.21 | -27 | -12.21 | 316 | 266 | H |
| 1 | 5.725 | -23.06 | Pk | 34.6 | -32.7 | 11.8 | -9.36 | 26.99 | -36.35 | 316 | 266 | H |

Pk - Peak detector



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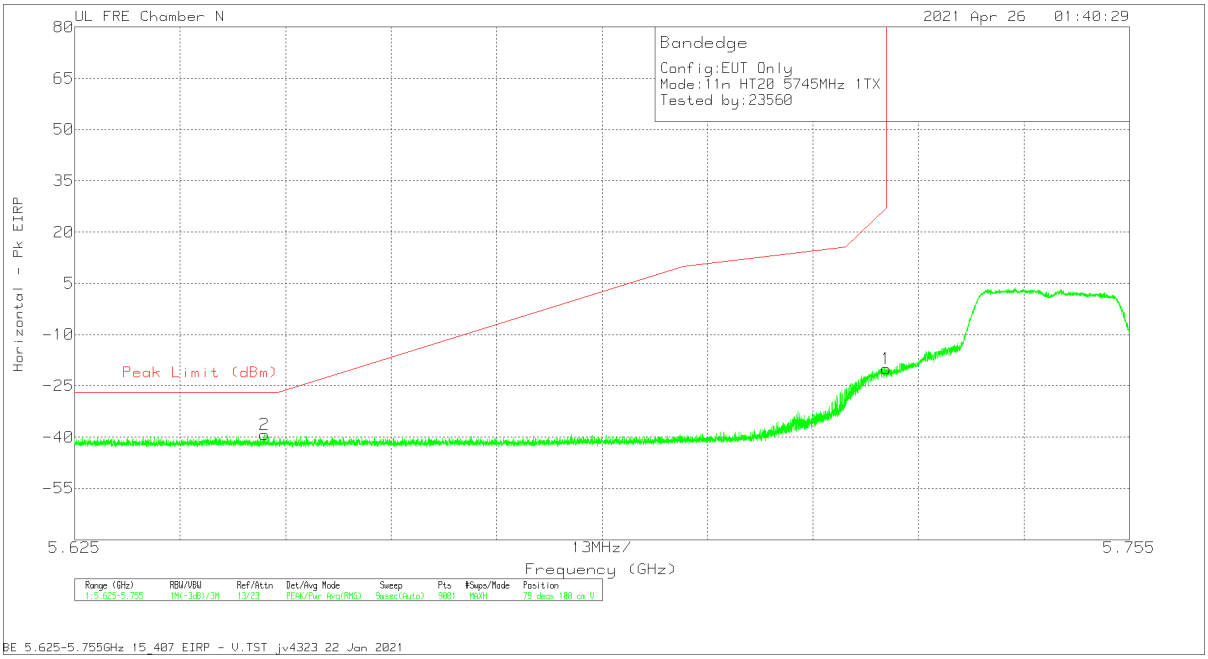
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64843 | -52.9 | Pk | 34.6 | -32.8 | 11.8 | -39.3 | -27 | -12.3 | 79 | 100 | V |
| 1 | 5.725 | -33.67 | Pk | 34.6 | -32.7 | 11.8 | -19.97 | 26.99 | -46.96 | 79 | 100 | V |

Pk - Peak detector



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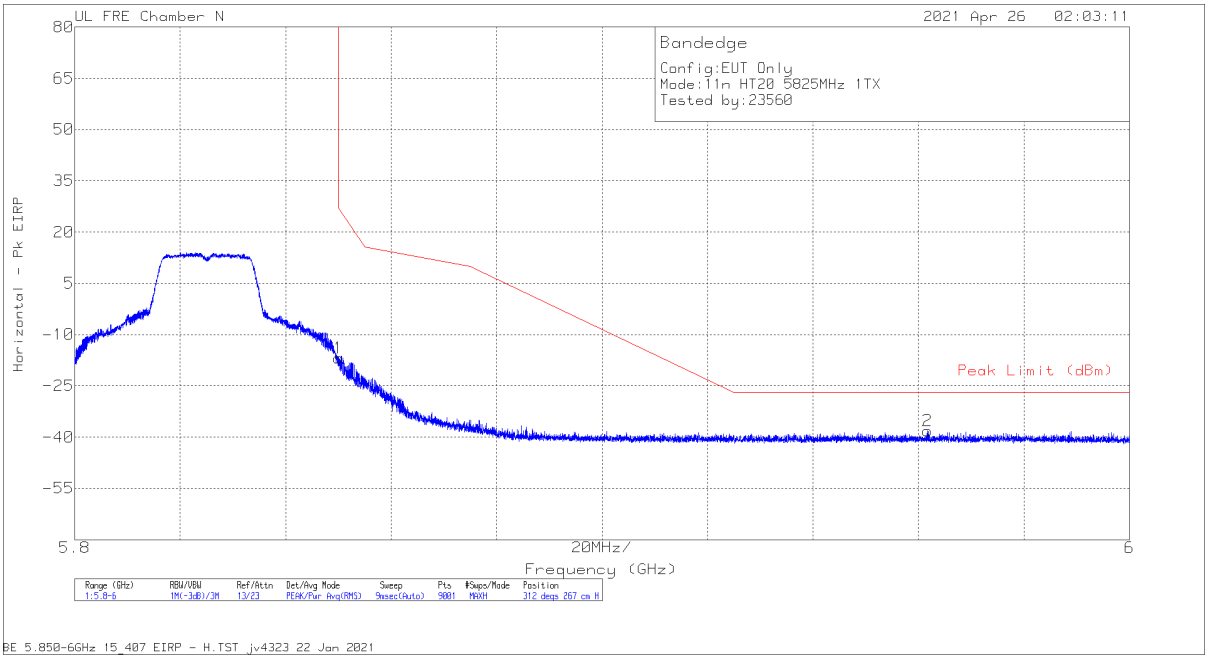
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -31.28 | Pk | 34.9 | -32.3 | 11.8 | -16.88 | 26.95 | -43.83 | 312 | 267 | H |
| 2 | 5.96178 | -53.1 | Pk | 35.3 | -32.2 | 11.8 | -38.2 | -27 | -11.2 | 312 | 267 | H |

Pk - Peak detector



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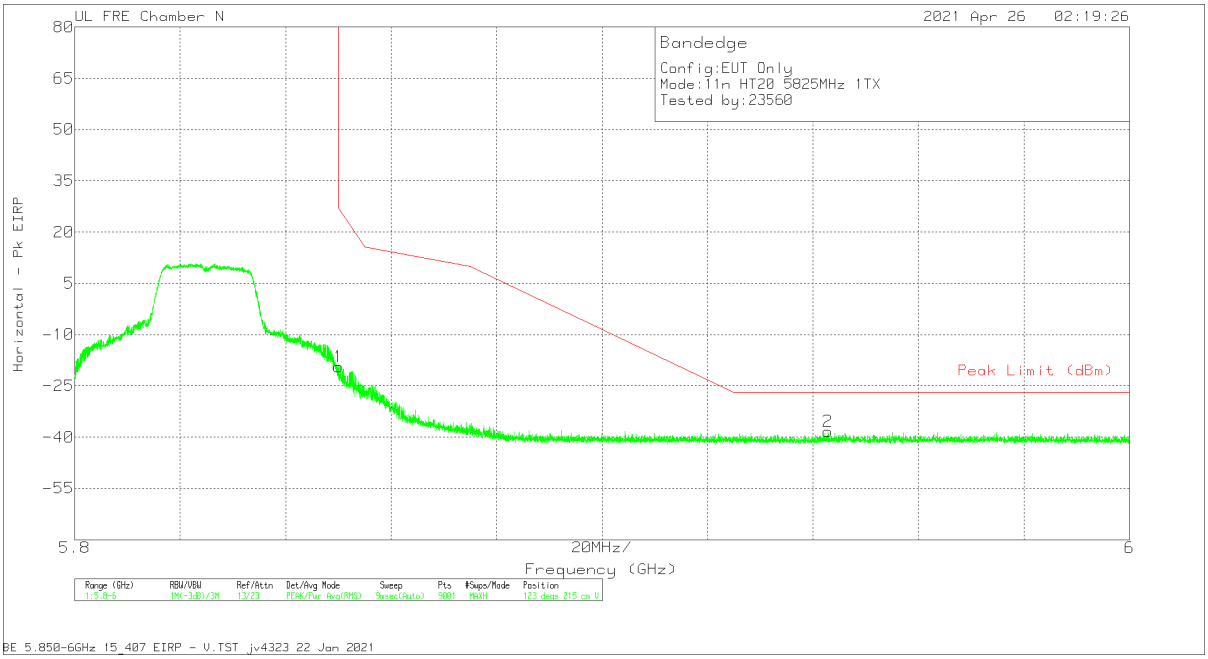
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -33.83 | Pk | 34.9 | -32.3 | 11.8 | -19.43 | 26.95 | -46.38 | 123 | 215 | V |
| 2 | 5.94278 | -53.14 | Pk | 35.2 | -32.2 | 11.8 | -38.34 | -27 | -11.34 | 123 | 215 | V |

Pk - Peak detector



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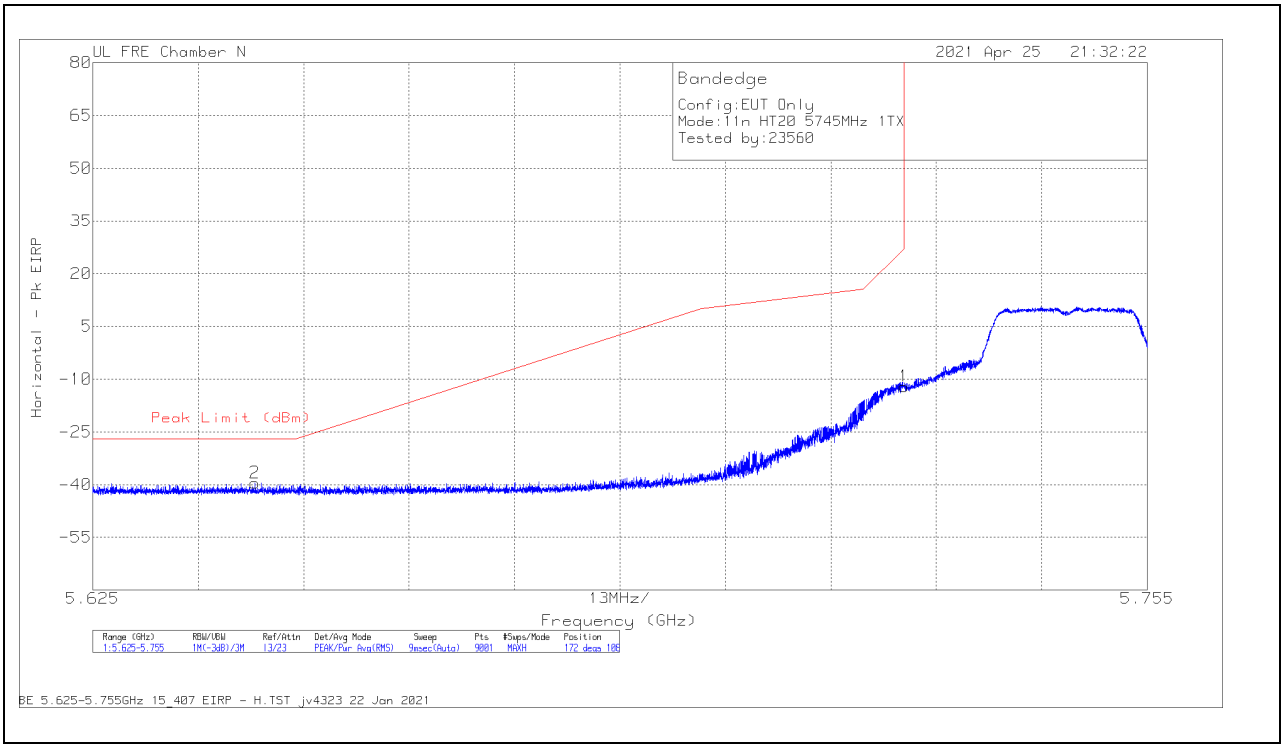
**1TX ANTENNA 5**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64502 | -53.25 | Pk | 34.7 | -32.8 | 11.8 | -39.55 | -27 | -12.55 | 172 | 108 | H |
| 1 | 5.725 | -25.78 | Pk | 34.6 | -32.7 | 11.8 | -12.08 | 26.99 | -39.07 | 172 | 108 | H |

Pk - Peak detector



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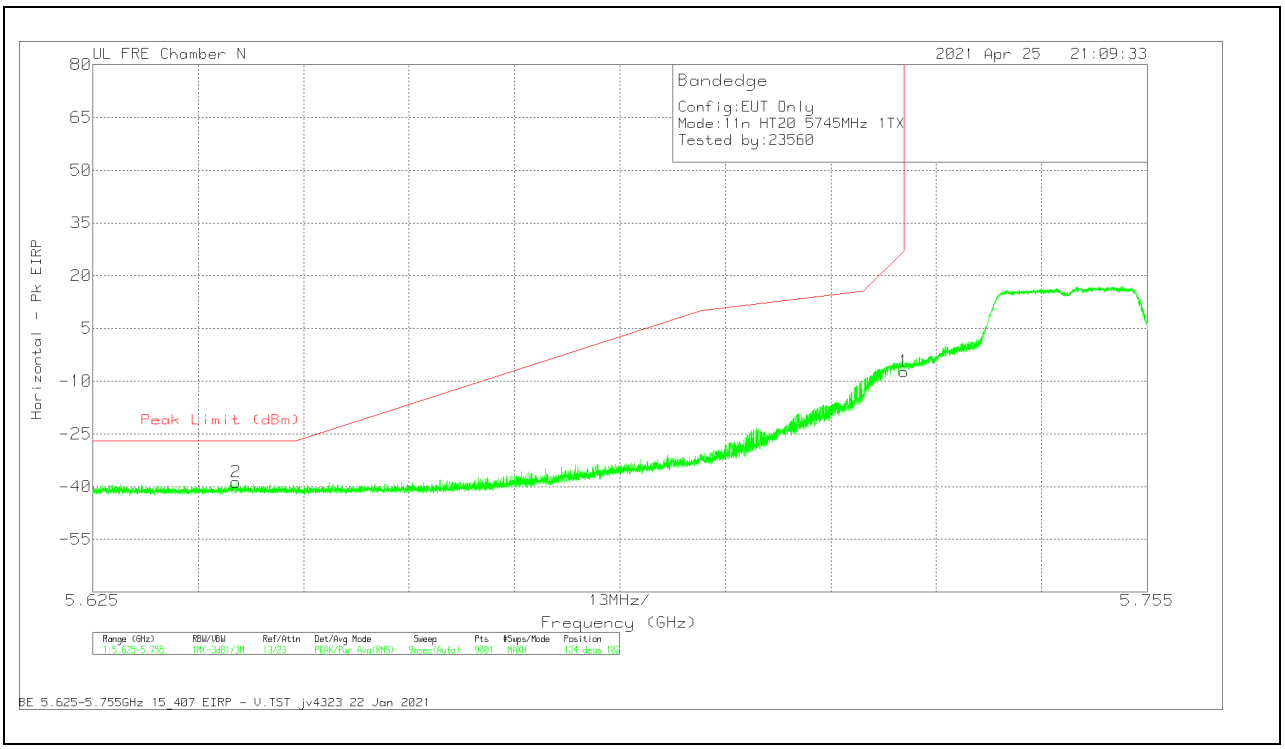
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64267 | -52.42 | Pk | 34.7 | -32.8 | 11.8 | -38.72 | -27 | -11.72 | 124 | 102 | V |
| 1 | 5.725 | -21.03 | Pk | 34.6 | -32.7 | 11.8 | -7.33 | 26.99 | -34.32 | 124 | 102 | V |

Pk - Peak detector



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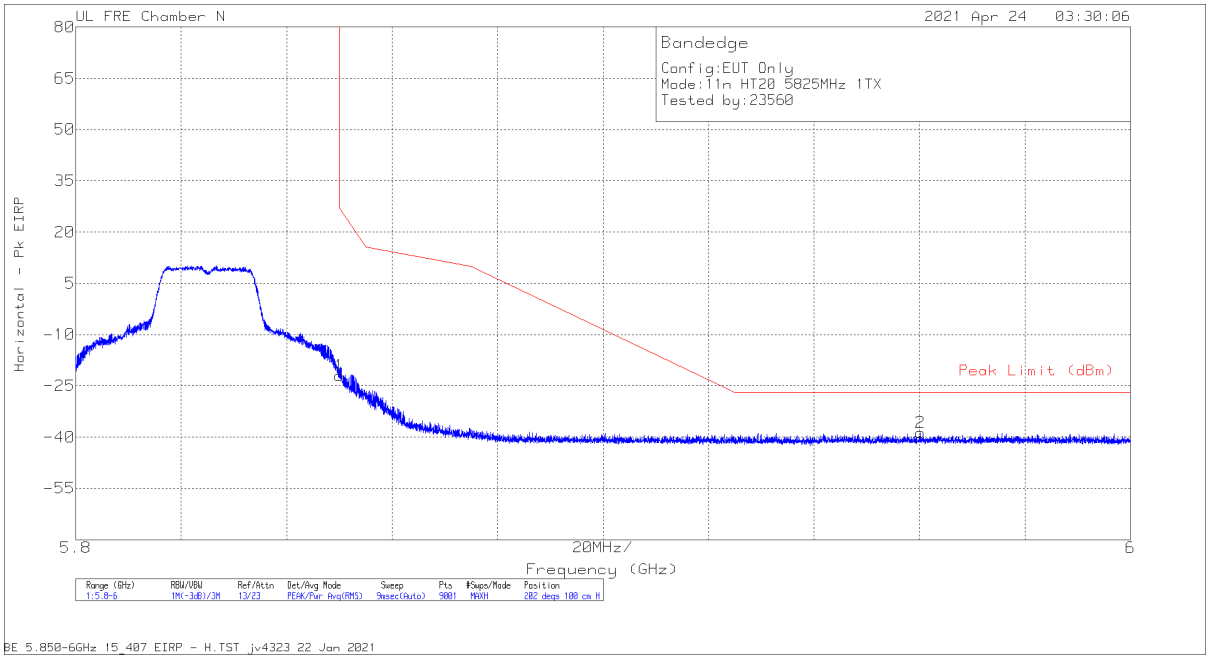
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -36.45 | Pk | 34.9 | -32.3 | 11.8 | -22.05 | 26.95 | -49 | 202 | 100 | H |
| 2 | 5.96018 | -53.5 | Pk | 35.2 | -32.2 | 11.8 | -38.7 | -27 | -11.7 | 202 | 100 | H |

Pk - Peak detector



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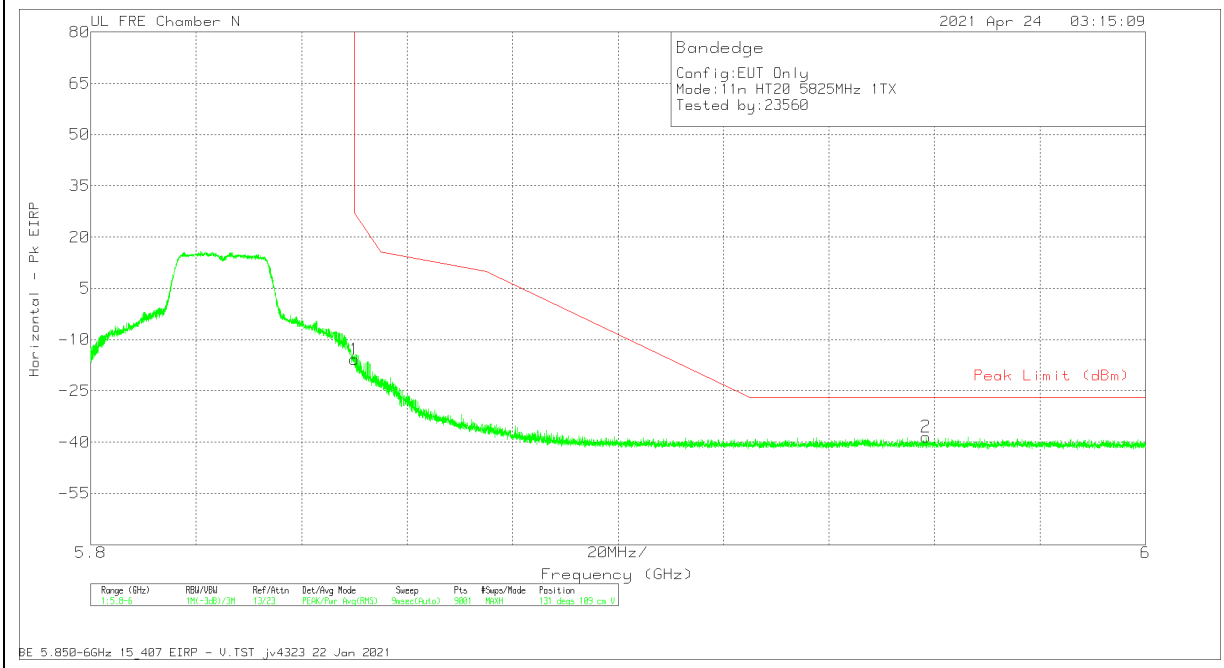
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -30.12 | Pk | 34.9 | -32.3 | 11.8 | -15.72 | 26.95 | -42.67 | 131 | 109 | V |
| 2 | 5.95838 | -53.22 | Pk | 35.2 | -32.2 | 11.8 | -38.42 | -27 | -11.42 | 131 | 109 | V |

Pk - Peak detector



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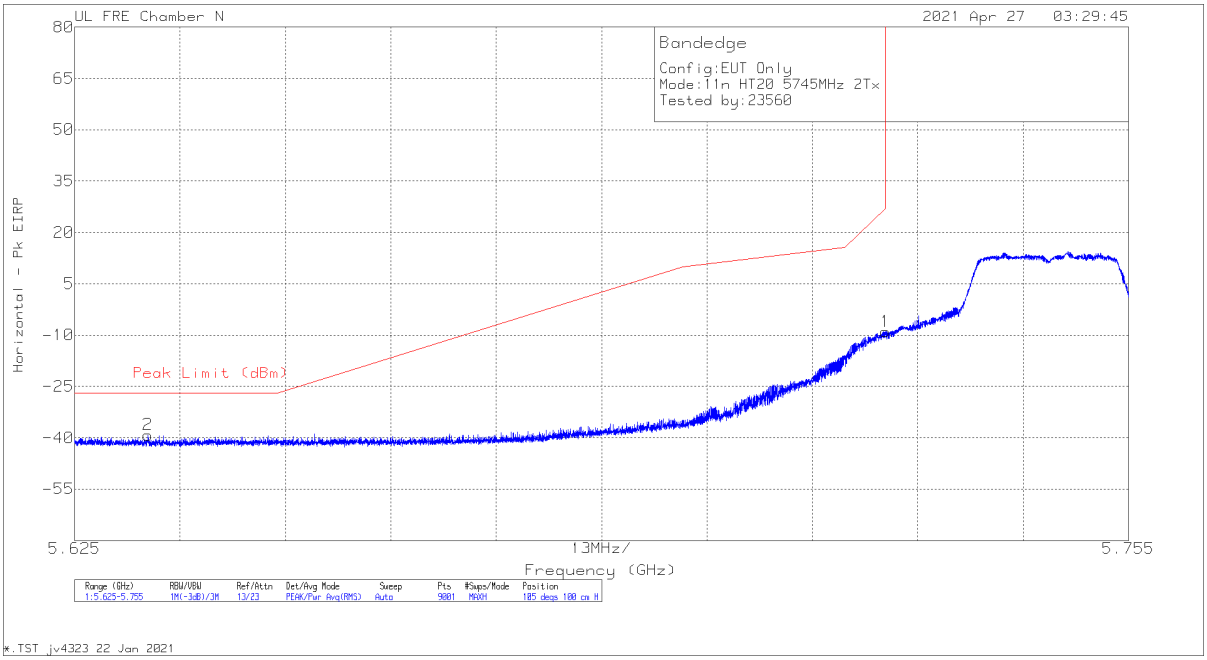
**2TX ANTENNA 6 + ANTENNA 5 CDD MODE**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.63406 | -52.65 | Pk | 34.5 | -32.8 | 11.8 | -39.15 | -27 | -12.15 | 105 | 100 | H |
| 1 | 5.725 | -22.72 | Pk | 34.6 | -32.7 | 11.8 | -9.02 | 26.99 | -36.01 | 105 | 100 | H |

Pk - Peak detector



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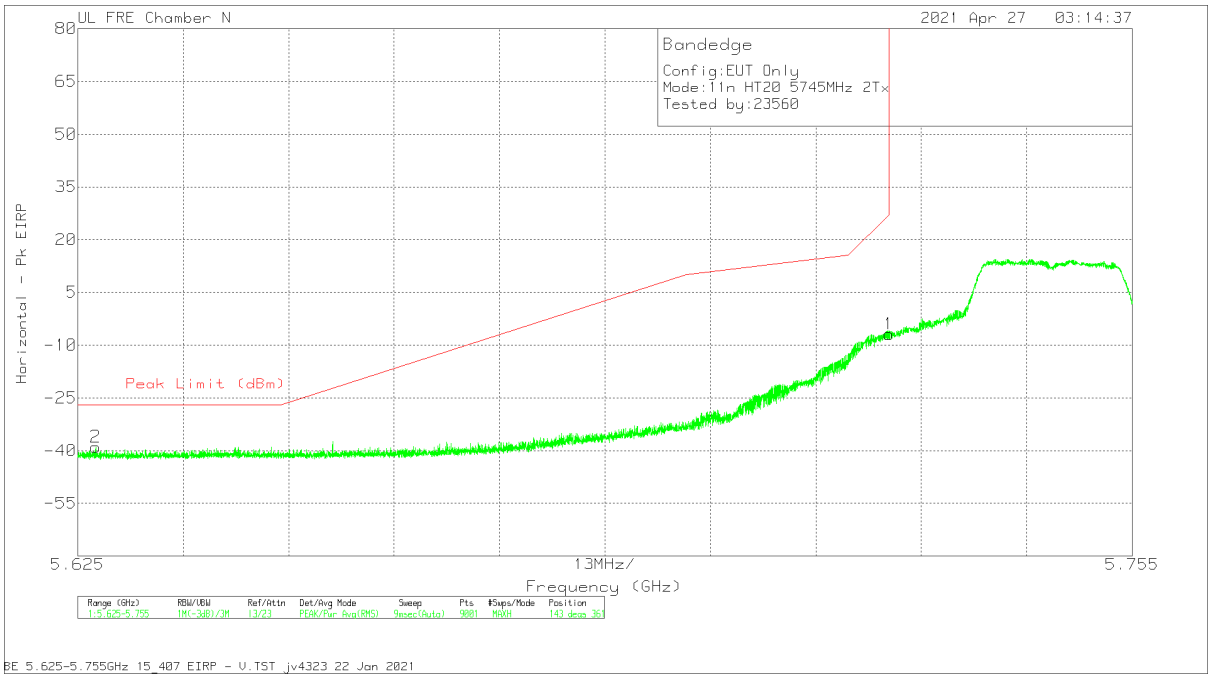
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.62722 | -52.59 | Pk | 34.6 | -32.8 | 11.8 | -38.99 | -27 | -11.99 | 143 | 361 | V |
| 1 | 5.725 | -20.55 | Pk | 34.6 | -32.7 | 11.8 | -6.85 | 26.99 | -33.84 | 143 | 361 | V |

Pk - Peak detector



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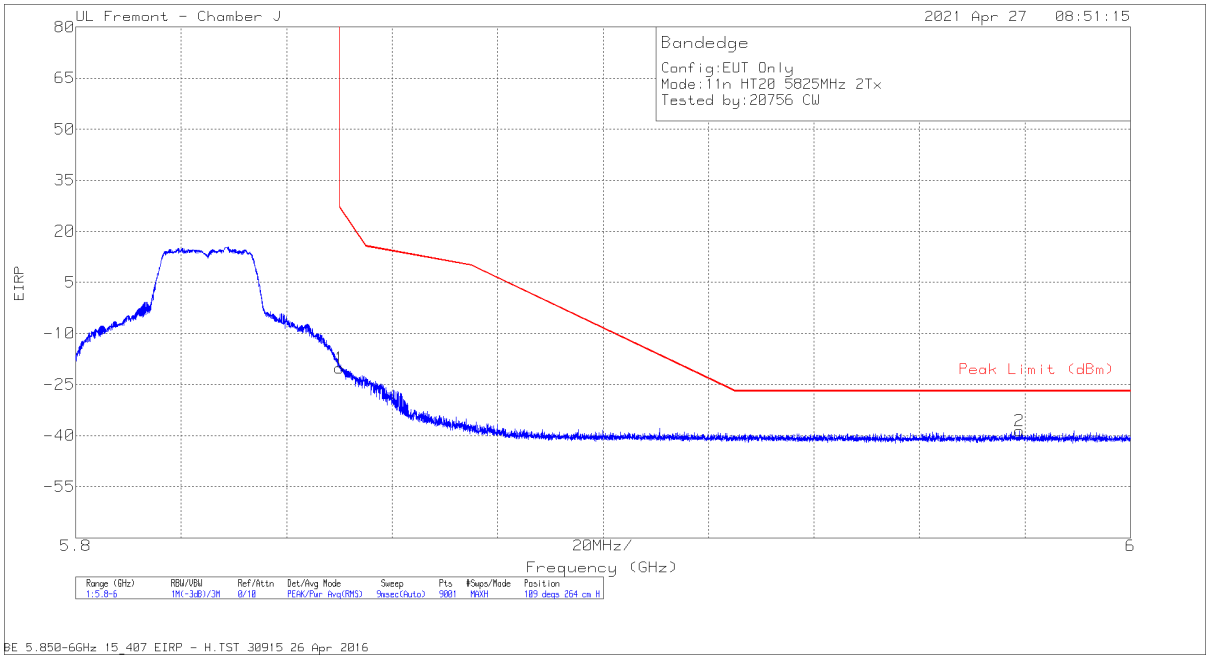
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -47.8 | Pk | 35.2 | -19.4 | 11.8 | -20.2 | 26.95 | -47.15 | 109 | 264 | H |
| 2 | 5.97895 | -66.64 | Pk | 35.4 | -19.2 | 11.8 | -38.64 | -27 | -11.64 | 109 | 264 | H |

Pk - Peak detector



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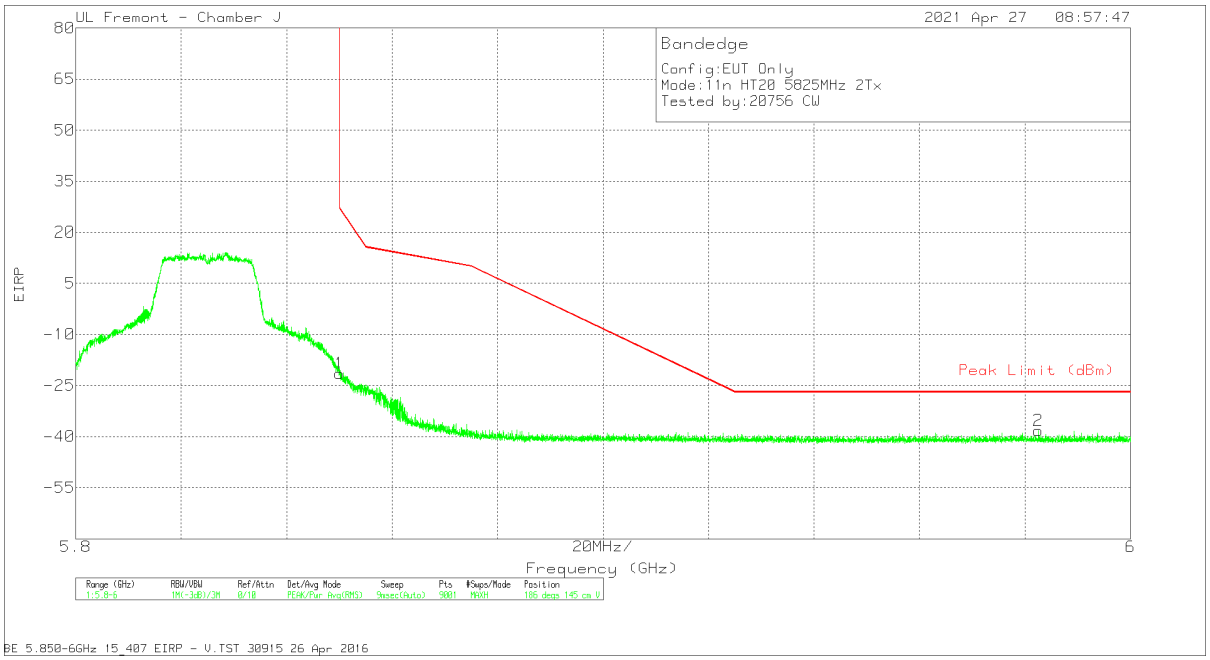
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -49.11 | Pk | 35.2 | -19.4 | 11.8 | -21.51 | 26.95 | -48.46 | 186 | 145 | V |
| 2 | 5.98258 | -66.2 | Pk | 35.3 | -19.1 | 11.8 | -38.2 | -27 | -11.2 | 186 | 145 | V |

Pk - Peak detector



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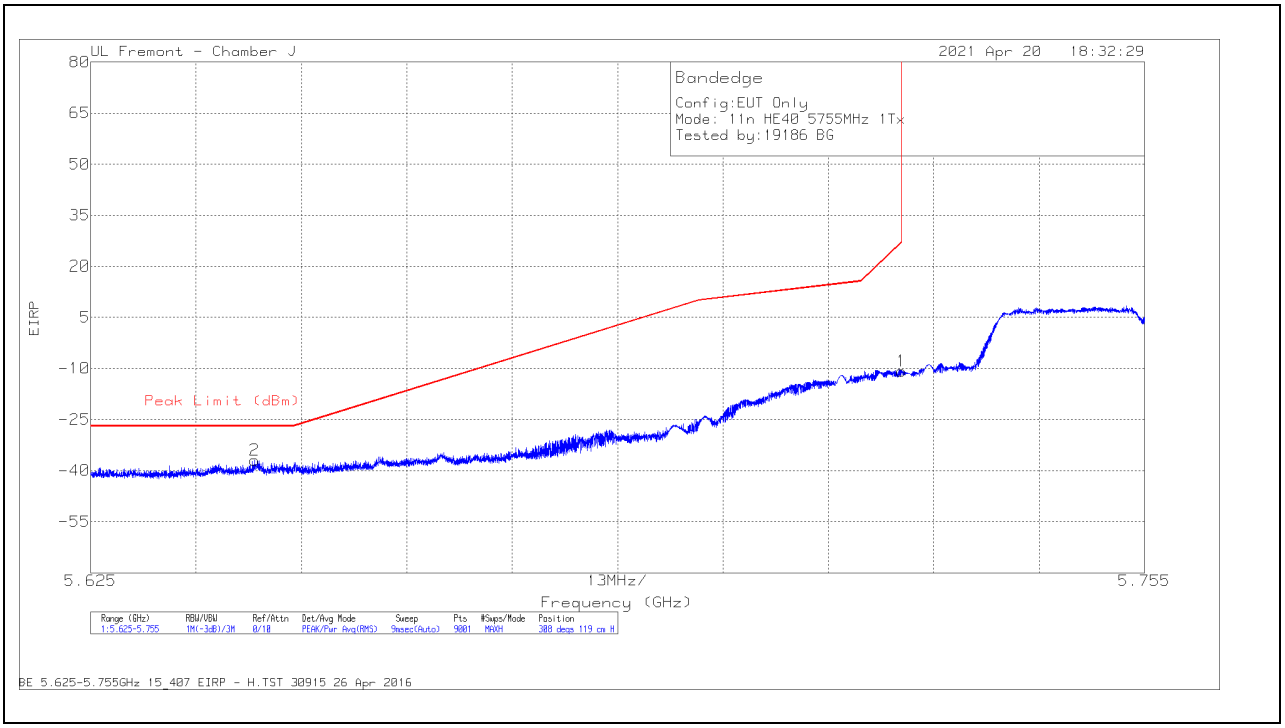
## 1.1.20. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

**1TX ANTENNA 6**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -37.64 | Pk | 35 | -19.9 | 11.8 | 0 | -10.74 | 26.99 | -37.73 | 308 | 119 | H |
| 2 | 5.64524 | -63.74 | Pk | 35 | -20 | 11.8 | 0 | -36.94 | -27 | -9.94 | 308 | 119 | H |

Pk - Peak detector



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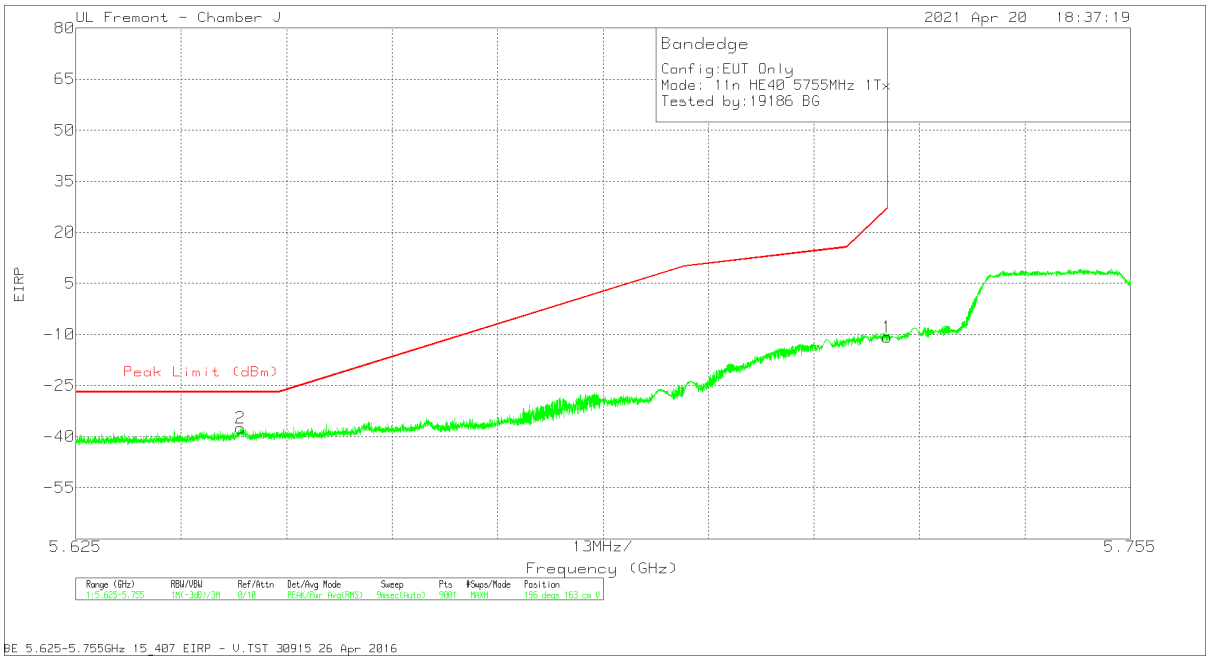
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -37.63 | Pk | 35 | -19.9 | 11.8 | 0 | -10.73 | 26.99 | -37.72 | 196 | 163 | V |
| 2 | 5.64532 | -64.2 | Pk | 35 | -20 | 11.8 | 0 | -37.4 | -27 | -10.4 | 196 | 163 | V |

Pk - Peak detector



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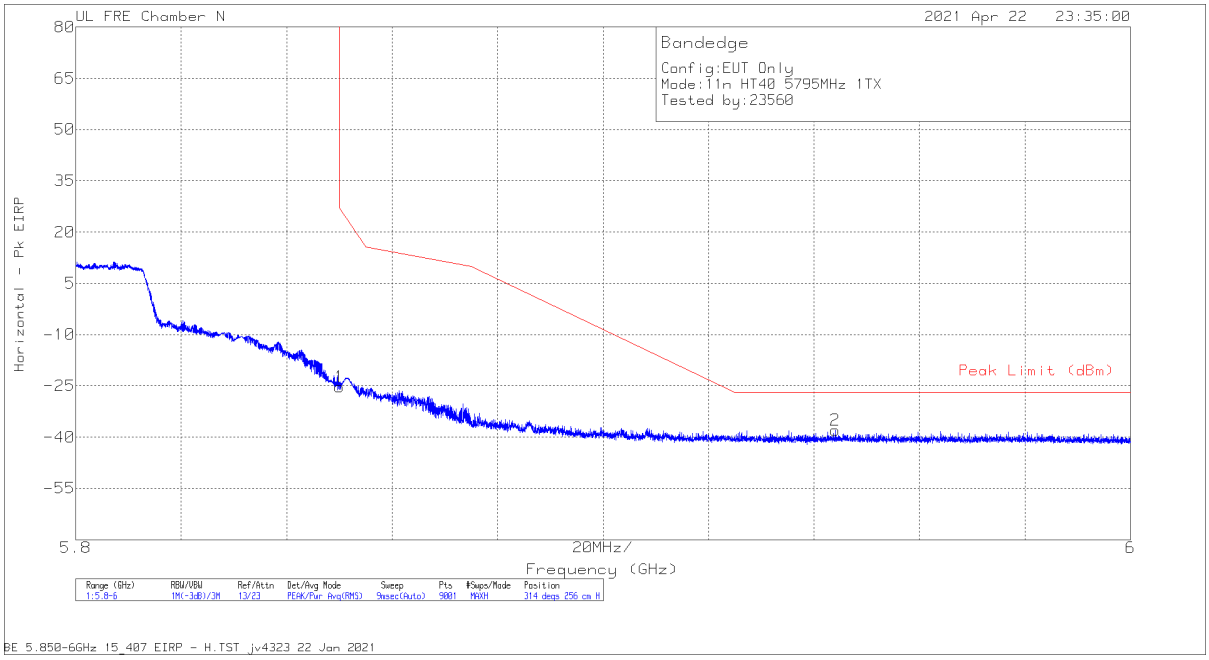
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -39.62 | Pk | 34.9 | -32.3 | 11.8 | -25.22 | 26.95 | -52.17 | 314 | 256 | H |
| 2 | 5.94407 | -52.78 | Pk | 35.2 | -32.1 | 11.8 | -37.88 | -27 | -10.88 | 314 | 256 | H |

Pk - Peak detector



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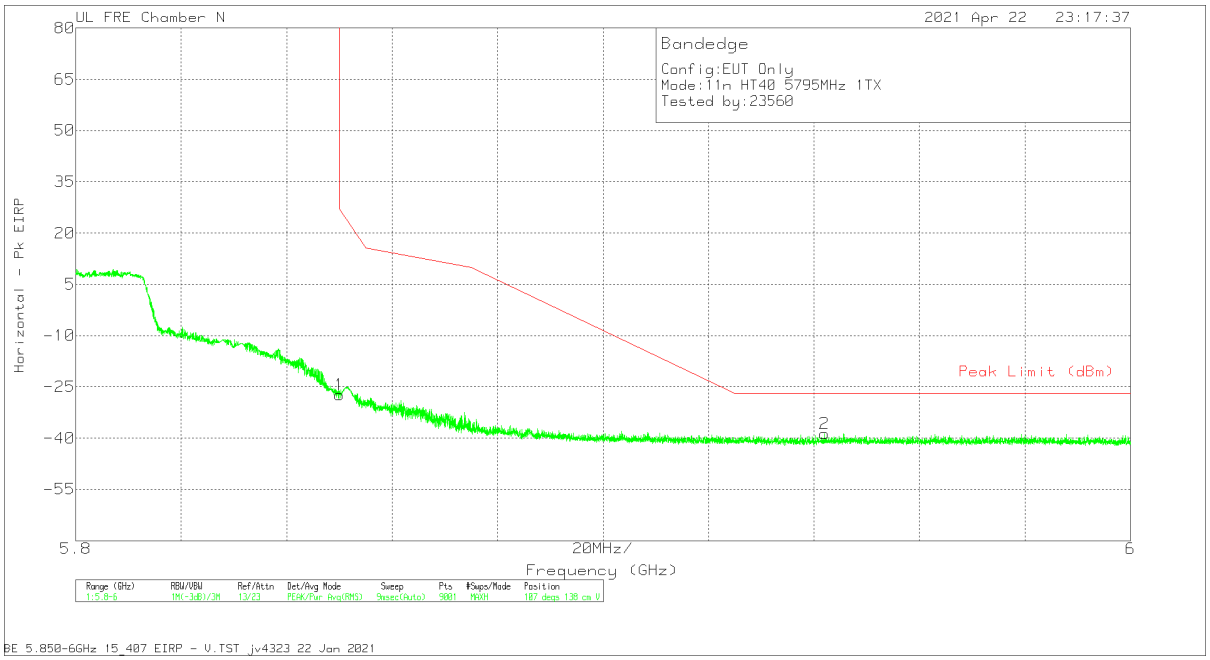
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -41.68 | Pk | 34.9 | -32.3 | 11.8 | -27.28 | 26.95 | -54.23 | 107 | 138 | V |
| 2 | 5.94202 | -53.37 | Pk | 35.2 | -32.3 | 11.8 | -38.67 | -27 | -11.67 | 107 | 138 | V |

Pk - Peak detector



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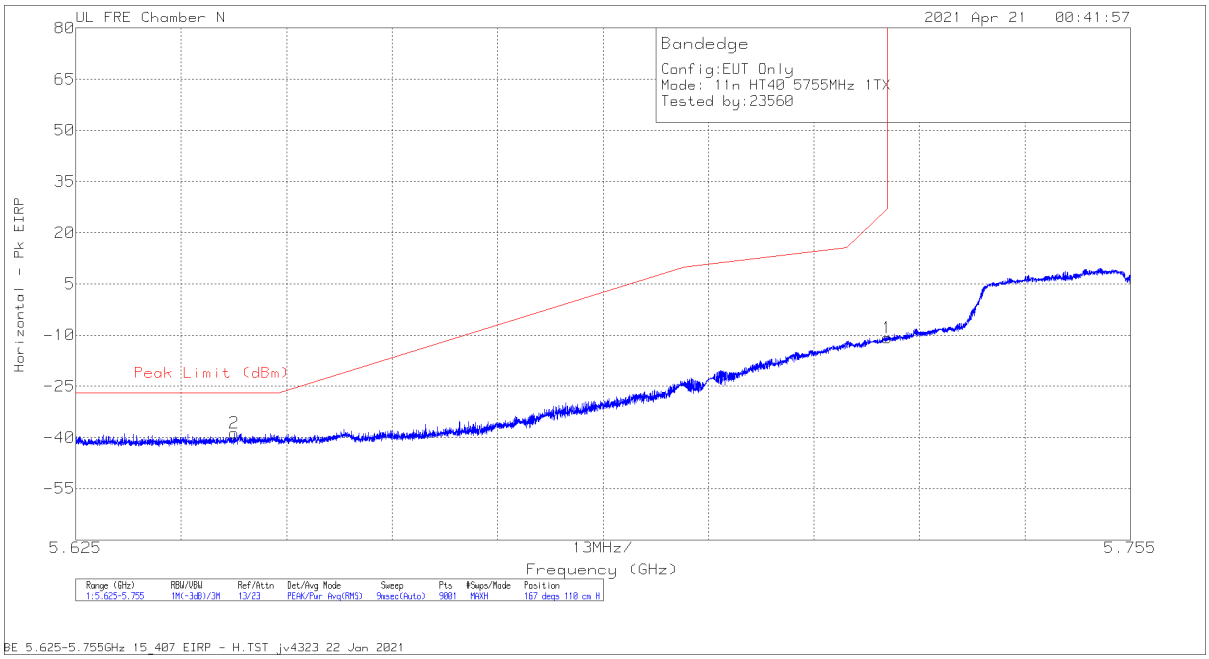
**1TX ANTENNA 5**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64451 | -52.42 | Pk | 34.7 | -32.8 | 11.8 | -38.72 | -27 | -11.72 | 167 | 110 | H |
| 1 | 5.725 | -24.58 | Pk | 34.6 | -32.7 | 11.8 | -10.88 | 26.99 | -37.87 | 167 | 110 | H |

Pk - Peak detector



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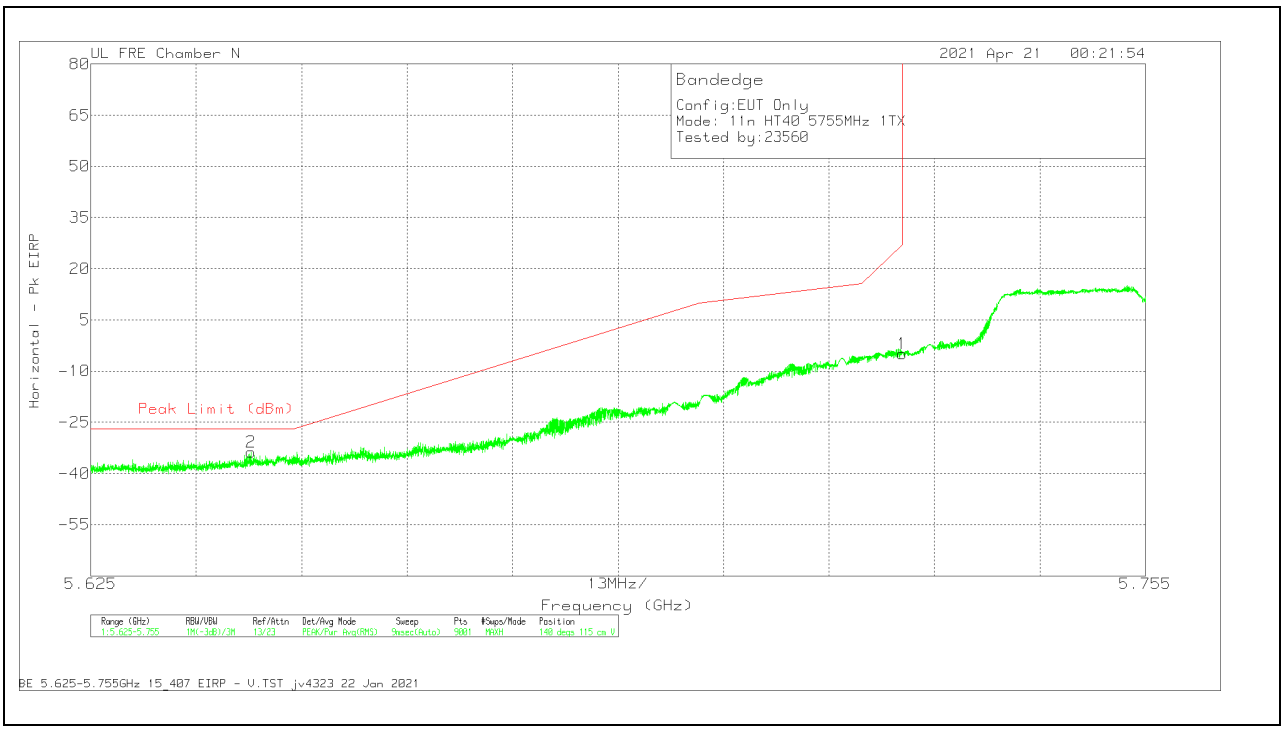
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64473 | -47.37 | Pk | 34.7 | -32.8 | 11.8 | -33.67 | -27 | -6.67 | 140 | 115 | V |
| 1 | 5.725 | -18.68 | Pk | 34.6 | -32.7 | 11.8 | -4.98 | 26.99 | -31.97 | 140 | 115 | V |

Pk - Peak detector



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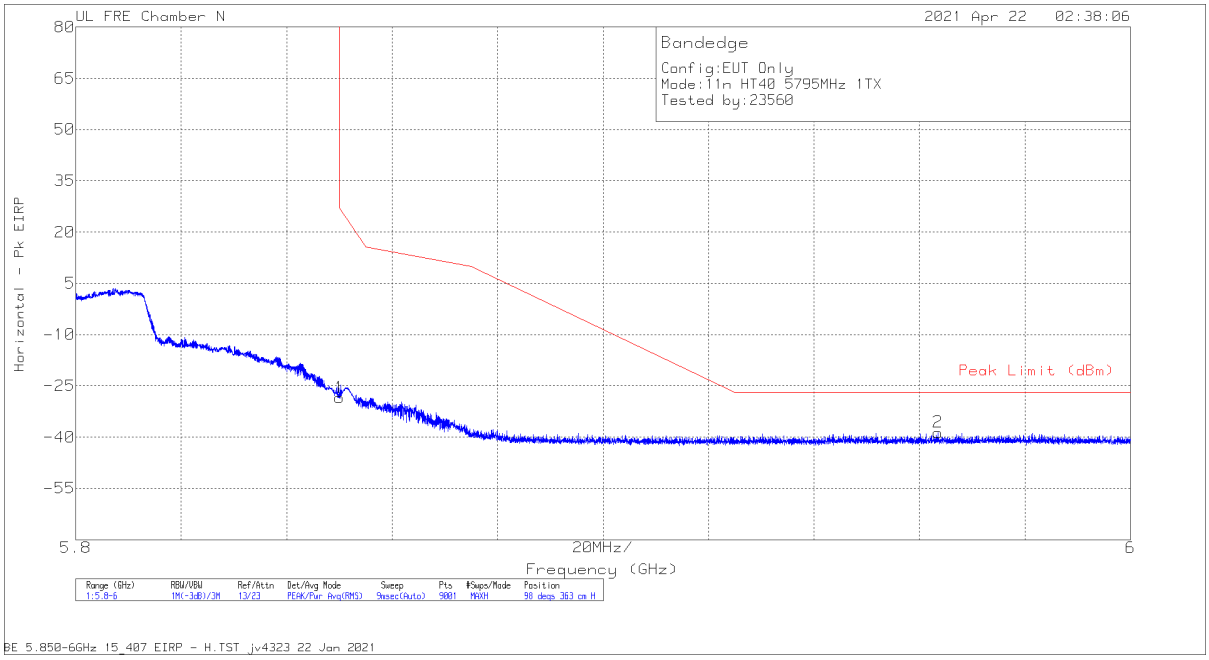
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -42.82 | Pk | 34.9 | -32.3 | 11.8 | -28.42 | 26.95 | -55.37 | 98 | 363 | H |
| 2 | 5.96347 | -53.5 | Pk | 35.3 | -32.2 | 11.8 | -38.6 | -27 | -11.6 | 98 | 363 | H |

Pk - Peak detector



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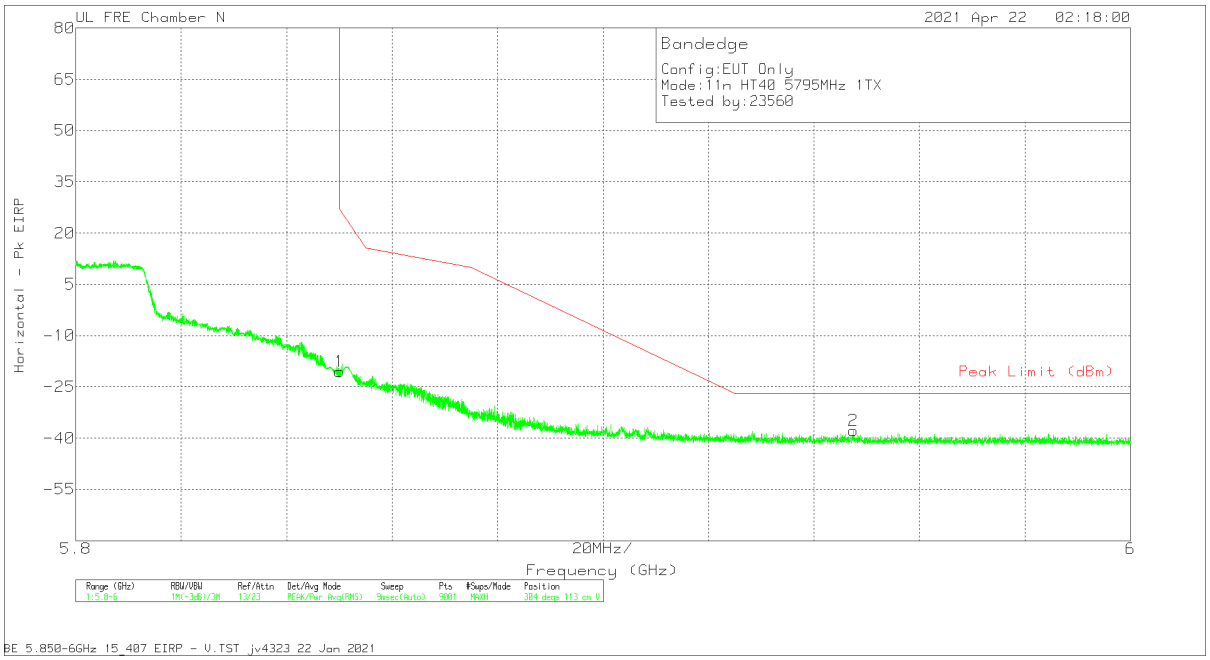
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -34.97 | Pk | 34.9 | -32.3 | 11.8 | -20.57 | 26.95 | -47.52 | 304 | 113 | V |
| 2 | 5.94747 | -52.64 | Pk | 35.2 | -32.2 | 11.8 | -37.84 | -27 | -10.84 | 304 | 113 | V |

Pk - Peak detector



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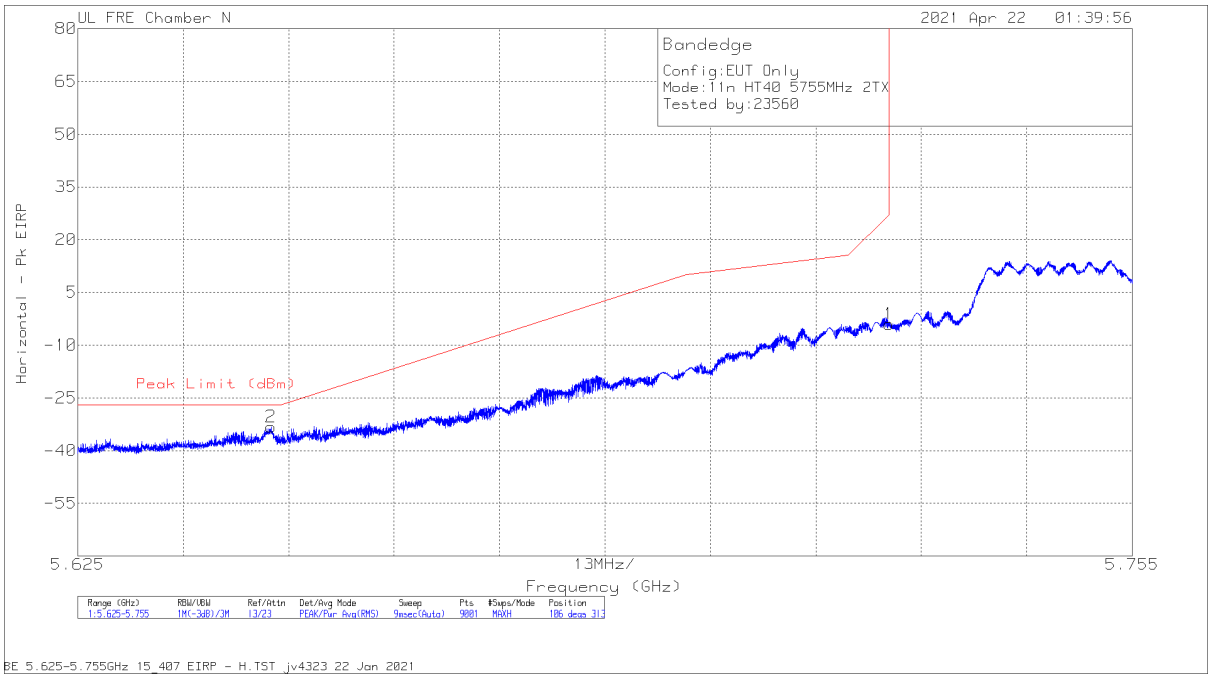
**2TX ANTENNA 6 + ANTENNA 5 CDD MODE**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64883 | -46.86 | Pk | 34.6 | -32.8 | 11.8 | -33.26 | -27 | -6.26 | 106 | 313 | H |
| 1 | 5.725 | -17.72 | Pk | 34.6 | -32.7 | 11.8 | -4.02 | 26.99 | -31.01 | 106 | 313 | H |

Pk - Peak detector



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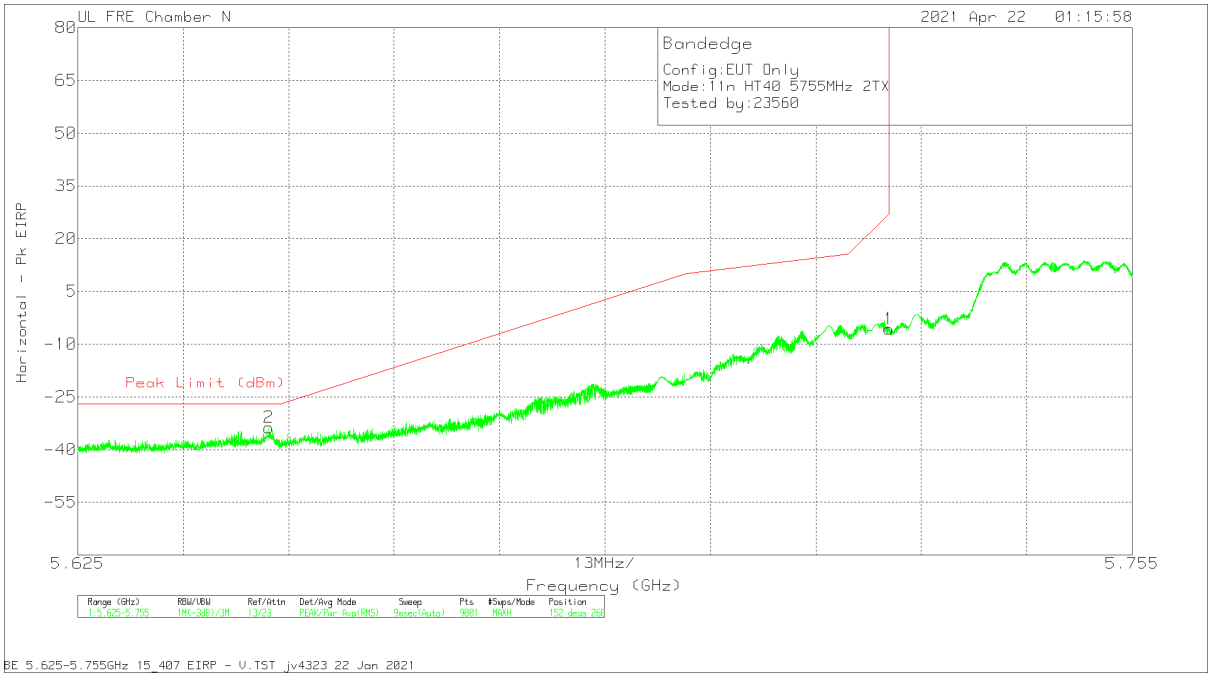
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64859 | -47.33 | Pk | 34.6 | -32.8 | 11.8 | -33.73 | -27 | -6.73 | 152 | 268 | V |
| 1 | 5.725 | -19.44 | Pk | 34.6 | -32.7 | 11.8 | -5.74 | 26.99 | -32.73 | 152 | 268 | V |

Pk - Peak detector



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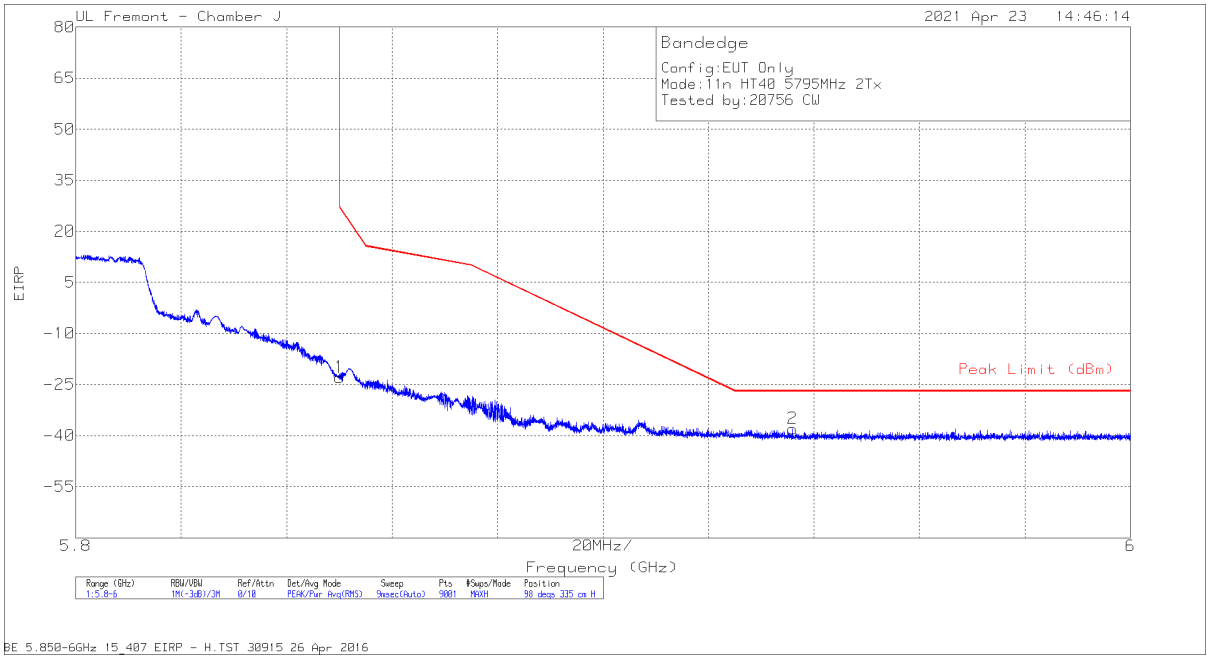
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -50.44 | Pk | 35.2 | -19.4 | 11.8 | -22.84 | 26.95 | -49.79 | 98 | 335 | H |
| 2 | 5.93595 | -65.74 | Pk | 35.3 | -19.3 | 11.8 | -37.94 | -27 | -10.94 | 98 | 335 | H |

Pk - Peak detector



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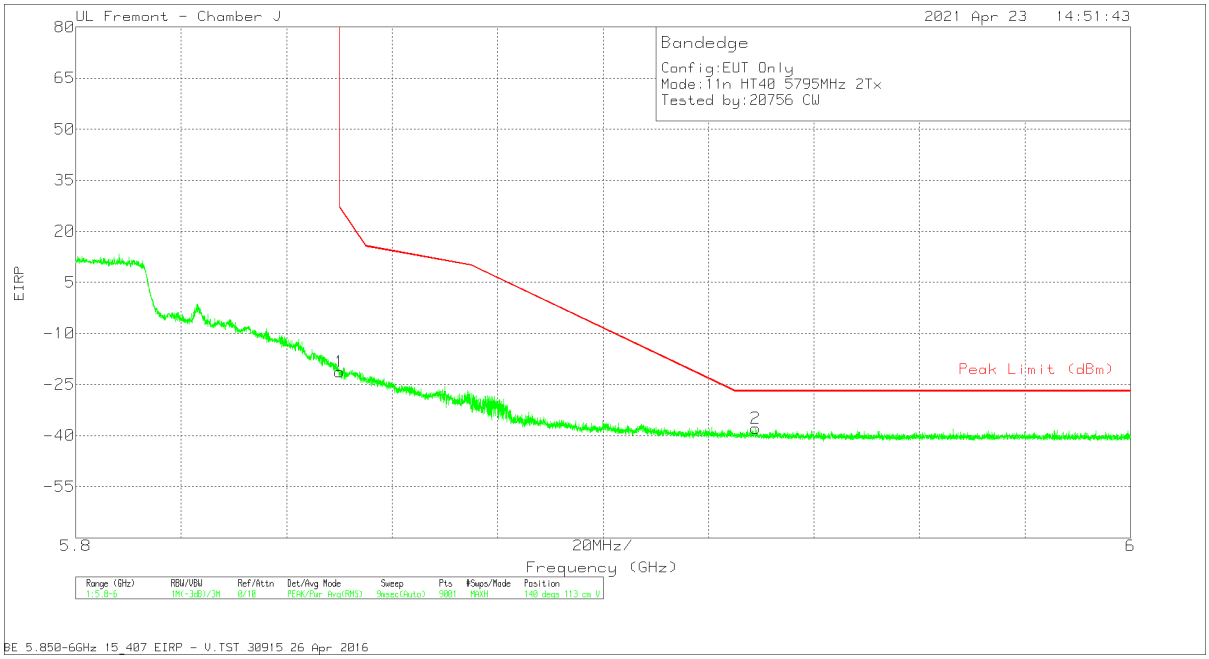
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -48.79 | Pk | 35.2 | -19.4 | 11.8 | -21.19 | 26.95 | -48.14 | 140 | 113 | V |
| 2 | 5.92898 | -65.57 | Pk | 35.3 | -19.3 | 11.8 | -37.77 | -27 | -10.77 | 140 | 113 | V |

Pk - Peak detector



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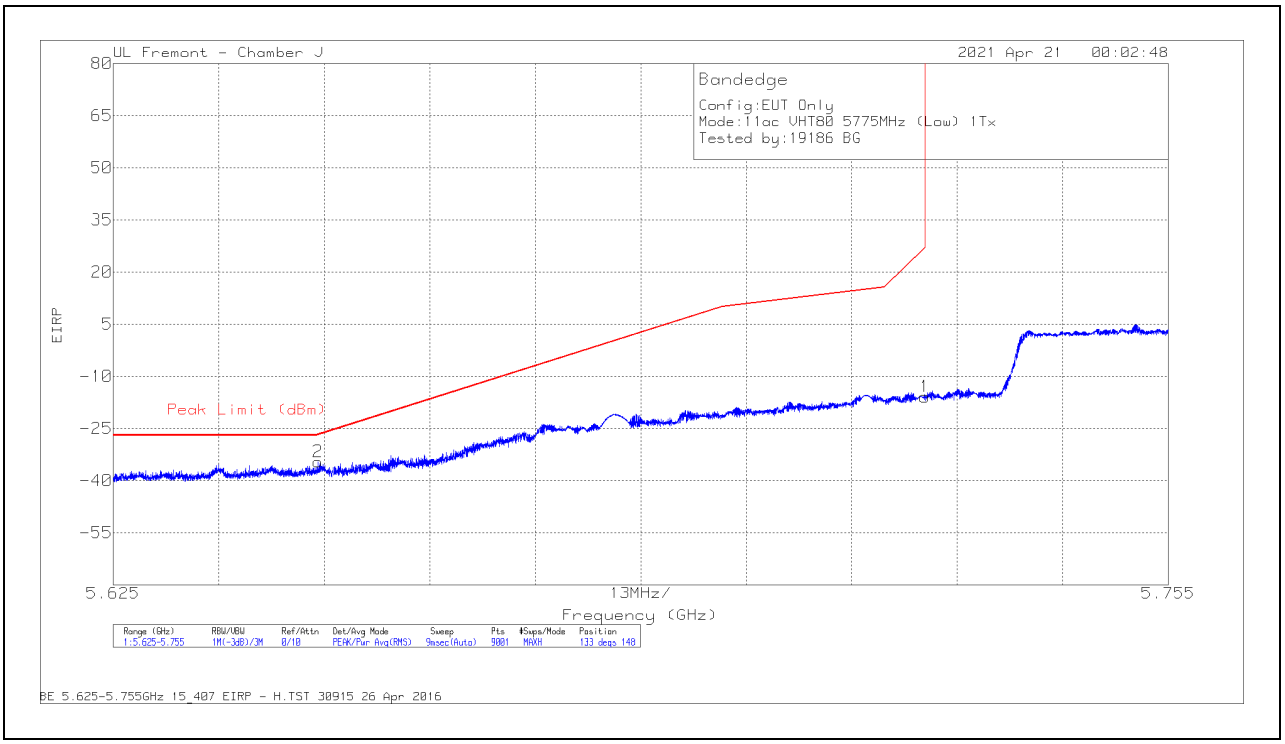
### 1.1.21. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

**1TX ANTENNA 6**

## BANDEDGE (CHANNEL 155 LOW EDGE)

## HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -42.78 | Pk | 35 | -19.9 | 11.8 | 0 | -15.88 | 26.99 | -42.87 | 133 | 148 | H |
| 2 | 5.65025 | -61.18 | Pk | 34.9 | -20.1 | 11.8 | 0 | -34.58 | -26.82 | -7.76 | 133 | 148 | H |

Pk - Peak detector



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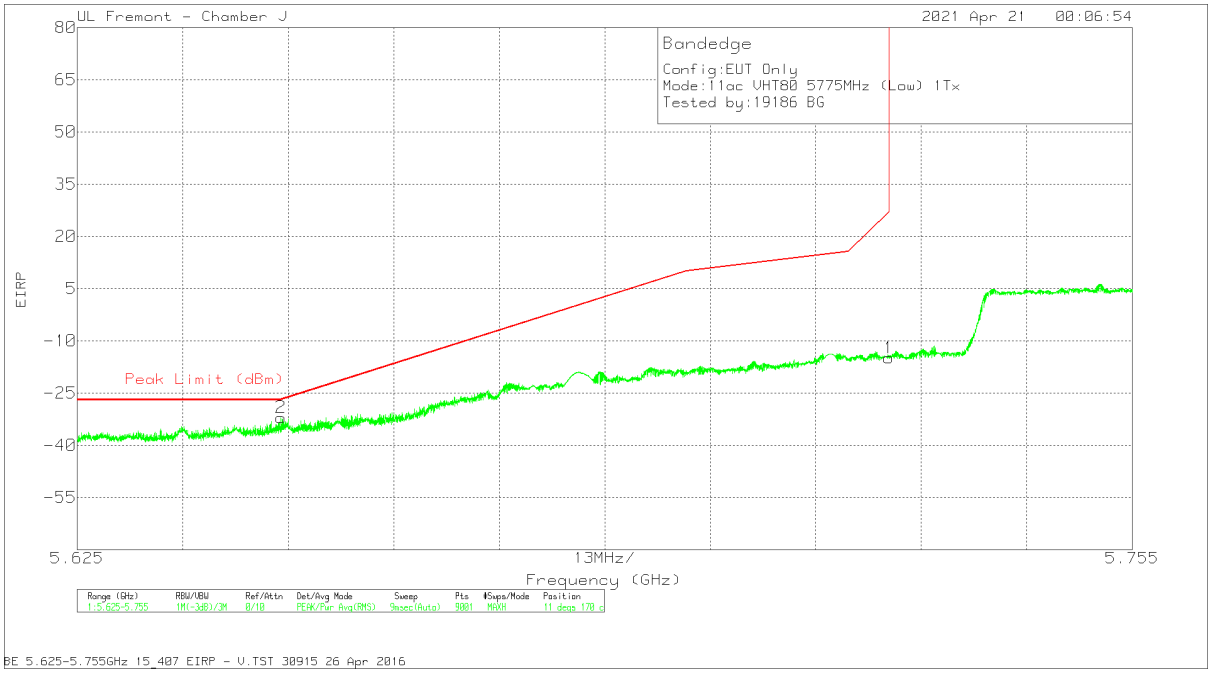
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -41.85 | Pk | 35 | -19.9 | 11.8 | 0 | -14.95 | 26.99 | -41.94 | 11 | 170 | V |
| 2 | 5.6501 | -58.63 | Pk | 34.9 | -20.1 | 11.8 | 0 | -32.03 | -26.92 | -5.11 | 11 | 170 | V |

Pk - Peak detector



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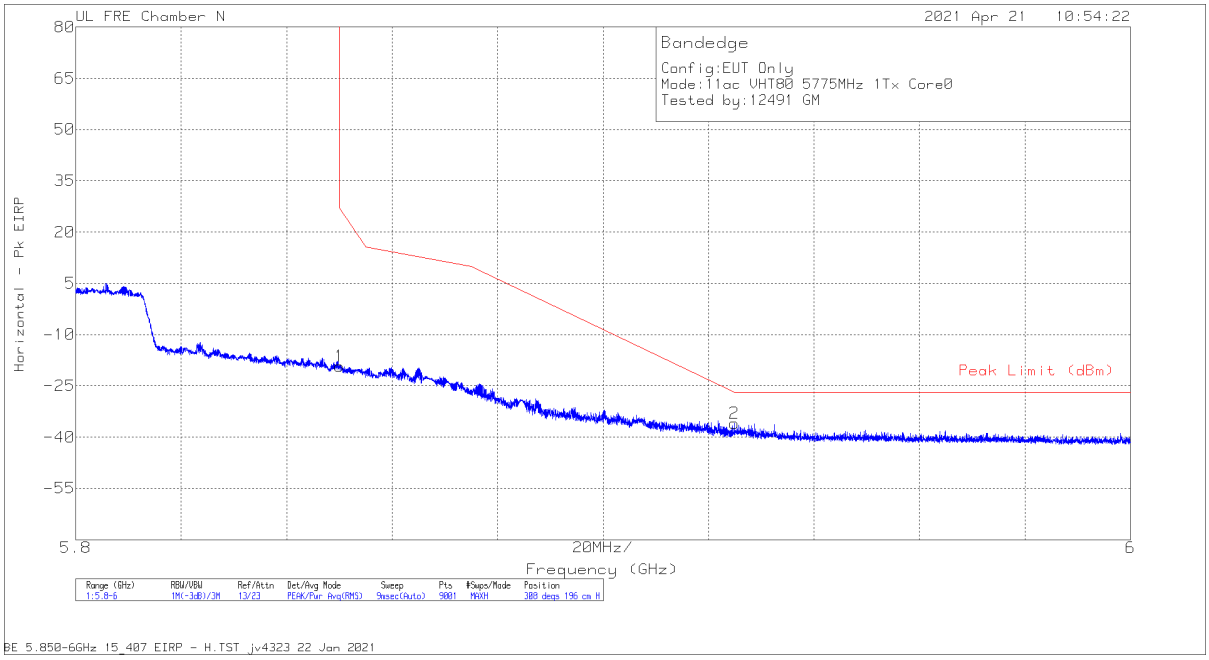
## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/ Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -33.66 | Pk | 34.9 | -32.3 | 11.8 | 0 | -19.26 | 26.95 | -46.21 | 308 | 196 | H |
| 2 | 5.92489 | -50.61 | Pk | 35.2 | -32.4 | 11.8 | 0 | -36.01 | -26.92 | -9.09 | 308 | 196 | H |

Pk - Peak detector



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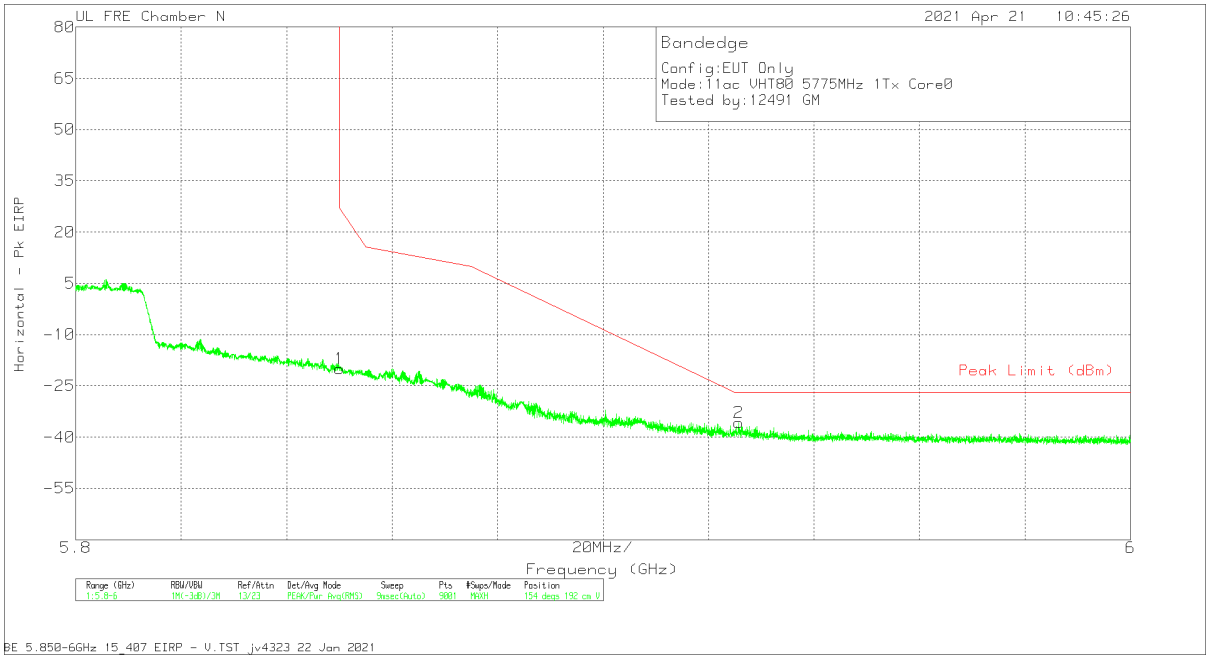
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/ Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -34.32 | Pk | 34.9 | -32.3 | 11.8 | 0 | -19.92 | 26.95 | -46.87 | 154 | 192 | V |
| 2 | 5.92573 | -50.33 | Pk | 35.2 | -32.4 | 11.8 | 0 | -35.73 | -27 | -8.73 | 154 | 192 | V |

Pk - Peak detector



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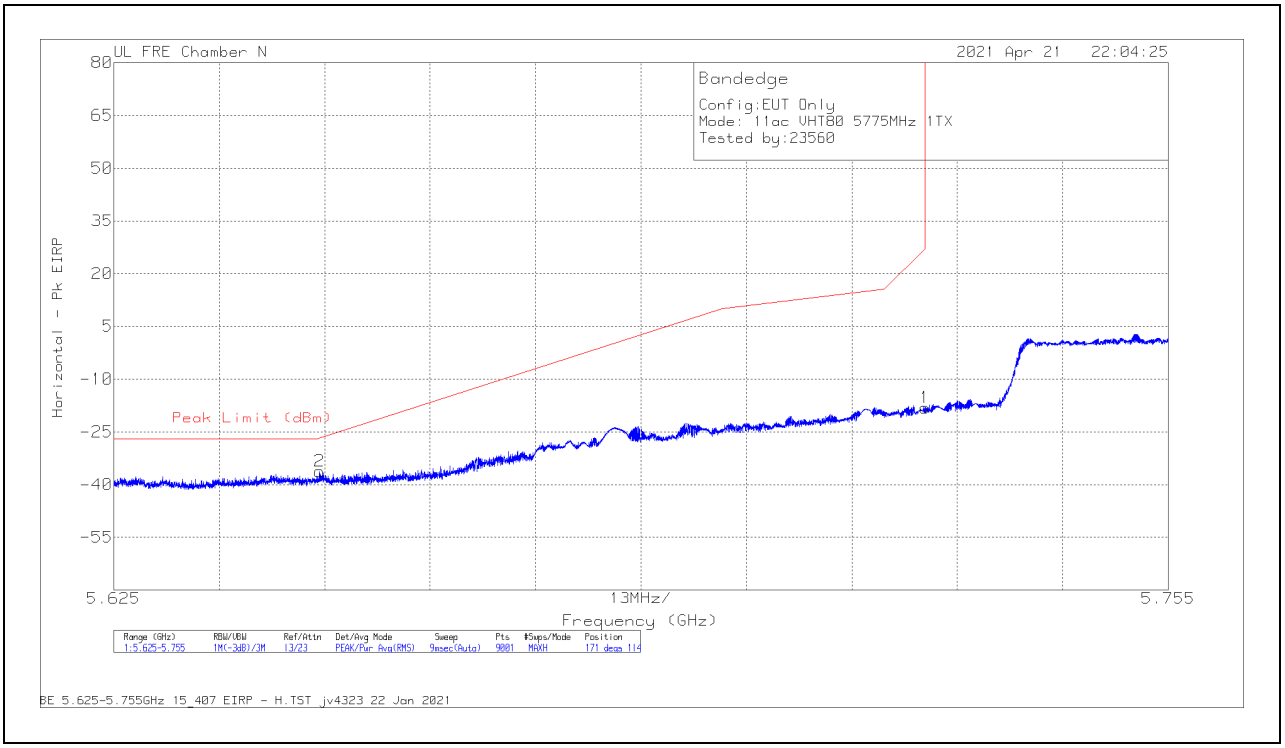
**1TX ANTENNA 5**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.65038 | -49.74 | Pk | 34.5 | -32.8 | 11.8 | -36.24 | -26.72 | -9.52 | 171 | 114 | H |
| 1 | 5.725 | -31.82 | Pk | 34.6 | -32.7 | 11.8 | -18.12 | 26.99 | -45.11 | 171 | 114 | H |

Pk - Peak detector



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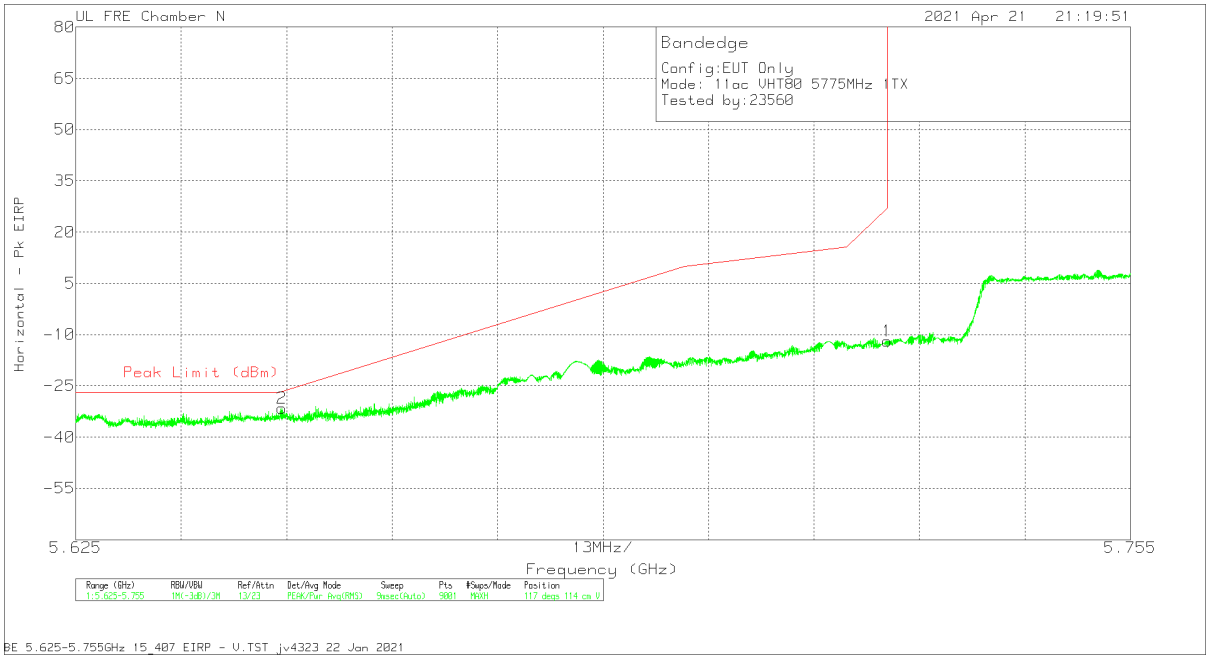
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.65041 | -45.12 | Pk | 34.5 | -32.8 | 11.8 | -31.62 | -26.7 | -4.92 | 117 | 114 | V |
| 1 | 5.725 | -25.53 | Pk | 34.6 | -32.7 | 11.8 | -11.83 | 26.99 | -38.82 | 117 | 114 | V |

Pk - Peak detector



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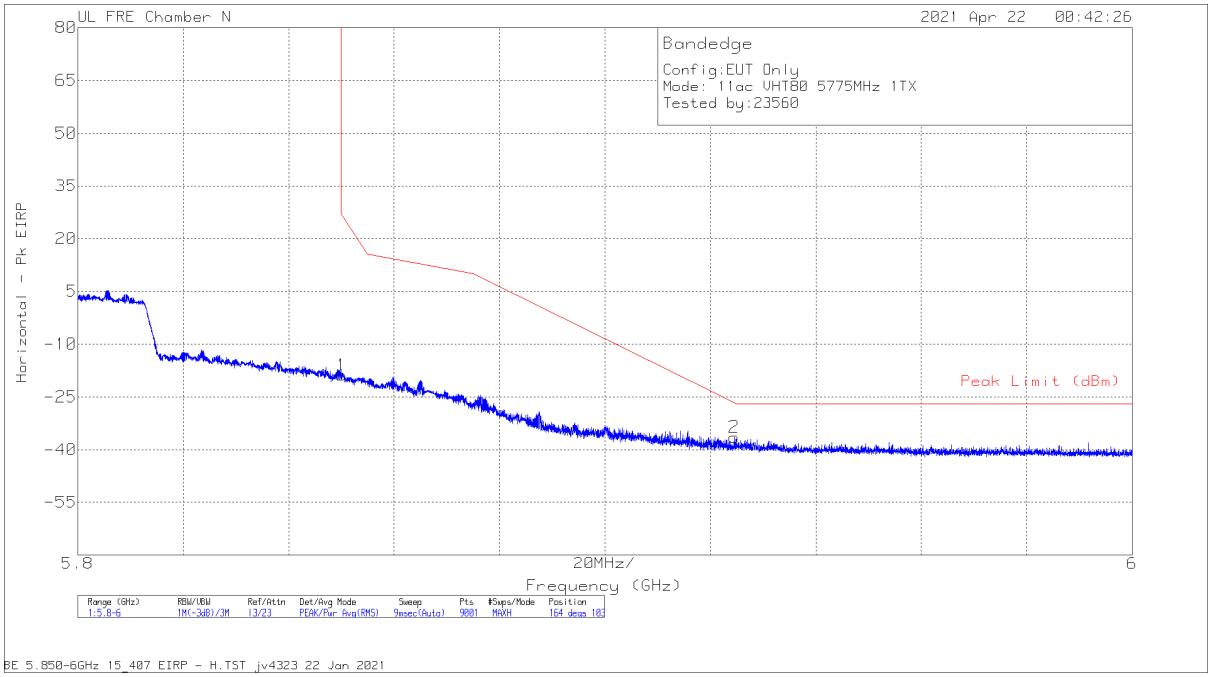
## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -33.22 | Pk | 34.9 | -32.3 | 11.8 | -18.82 | 26.95 | -45.77 | 164 | 103 | H |
| 2 | 5.92451 | -51.08 | Pk | 35.2 | -32.4 | 11.8 | -36.48 | -26.64 | -9.84 | 164 | 103 | H |

Pk - Peak detector



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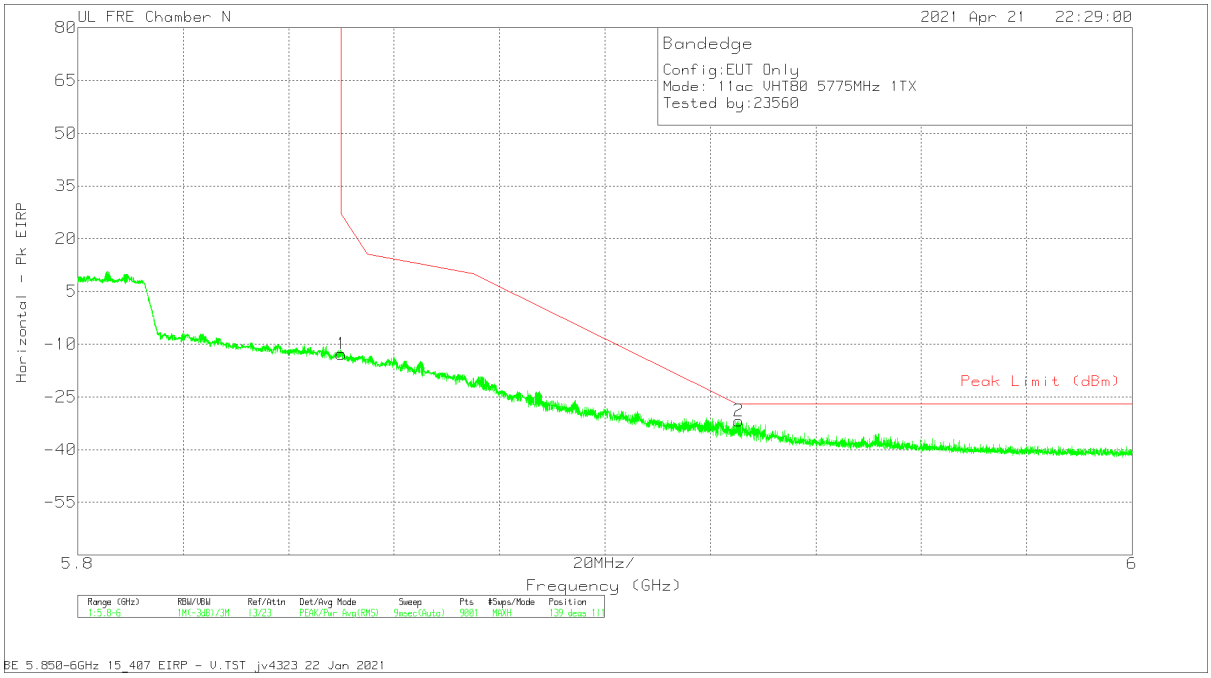
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -27.19 | Pk | 34.9 | -32.3 | 11.8 | -12.79 | 26.95 | -39.74 | 139 | 111 | V |
| 2 | 5.92542 | -46.4 | Pk | 35.2 | -32.4 | 11.8 | -31.8 | -27 | -4.8 | 139 | 111 | V |

Pk - Peak detector



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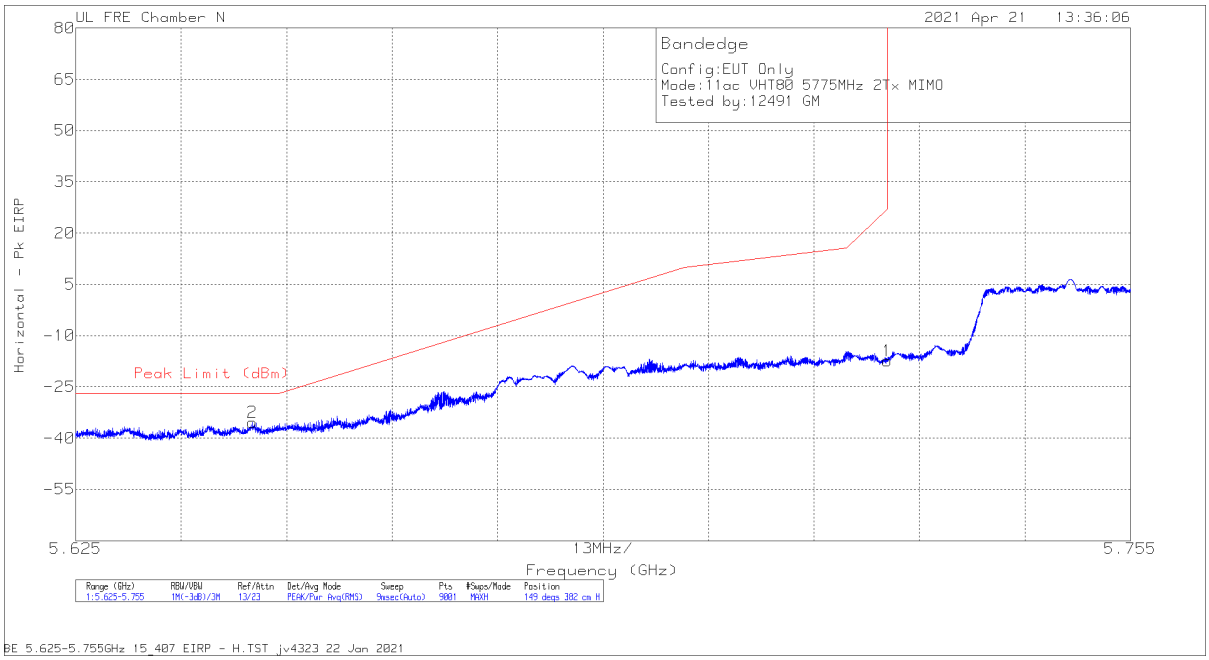
**2TX ANTENNA 6 + ANTENNA 5 CDD MODE**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/ Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64678 | -48.91 | Pk | 34.6 | -32.8 | 11.8 | 0 | -35.31 | -27 | -8.31 | 149 | 382 | H |
| 1 | 5.725 | -31.15 | Pk | 34.6 | -32.7 | 11.8 | 0 | -17.45 | 26.99 | -44.44 | 149 | 382 | H |

Pk - Peak detector



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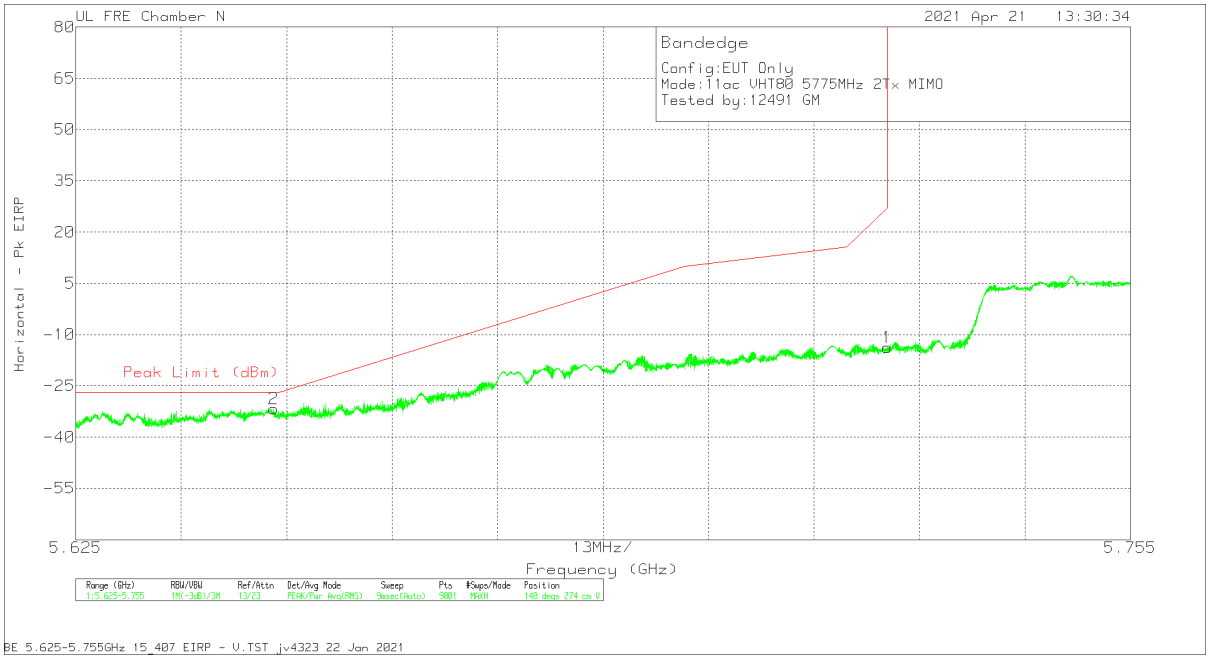
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/ Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5.64942 | -45.29 | Pk | 34.6 | -32.8 | 11.8 | 0 | -31.69 | -27 | -4.69 | 148 | 274 | V |
| 1 | 5.725 | -27.38 | Pk | 34.6 | -32.7 | 11.8 | 0 | -13.68 | 26.99 | -40.67 | 148 | 274 | V |

Pk - Peak detector



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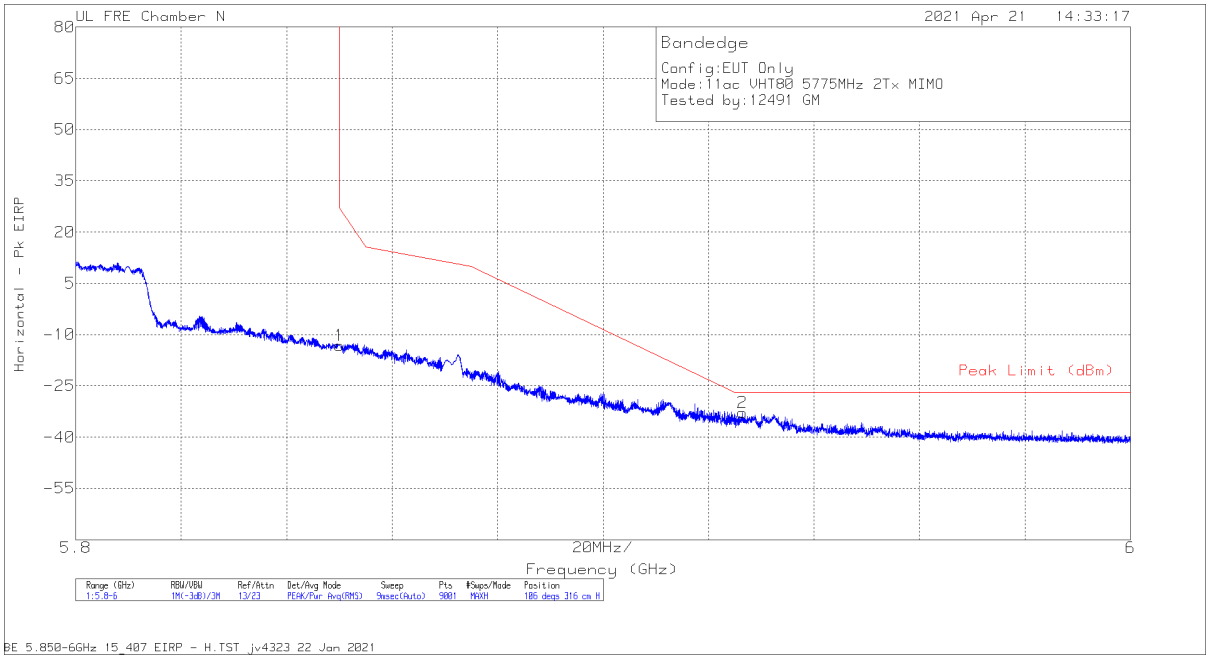
## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/ Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -27.56 | Pk | 34.9 | -32.3 | 11.8 | 0 | -13.16 | 26.95 | -40.11 | 106 | 316 | H |
| 2 | 5.92638 | -47.39 | Pk | 35.2 | -32.4 | 11.8 | 0 | -32.79 | -27 | -5.79 | 106 | 316 | H |

Pk - Peak detector



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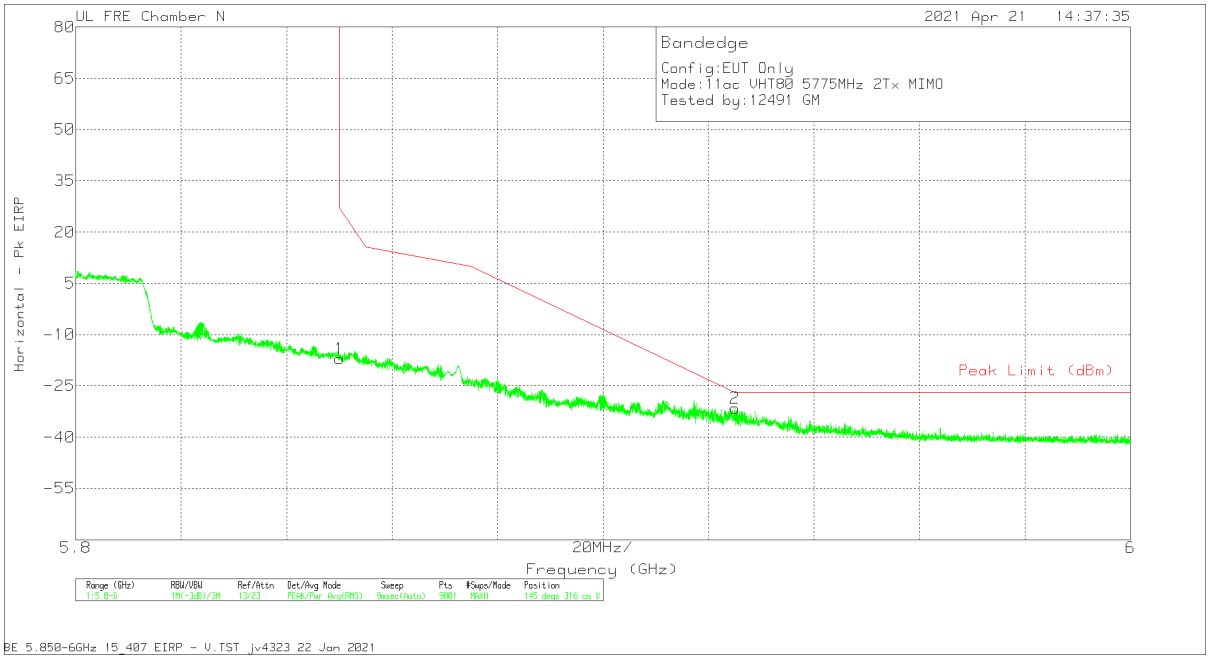
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/ Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -31.43 | Pk | 34.9 | -32.3 | 11.8 | 0 | -17.03 | 26.95 | -43.98 | 145 | 316 | V |
| 2 | 5.92495 | -46.09 | Pk | 35.2 | -32.4 | 11.8 | 0 | -31.49 | -26.97 | -4.52 | 145 | 316 | V |

Pk - Peak detector



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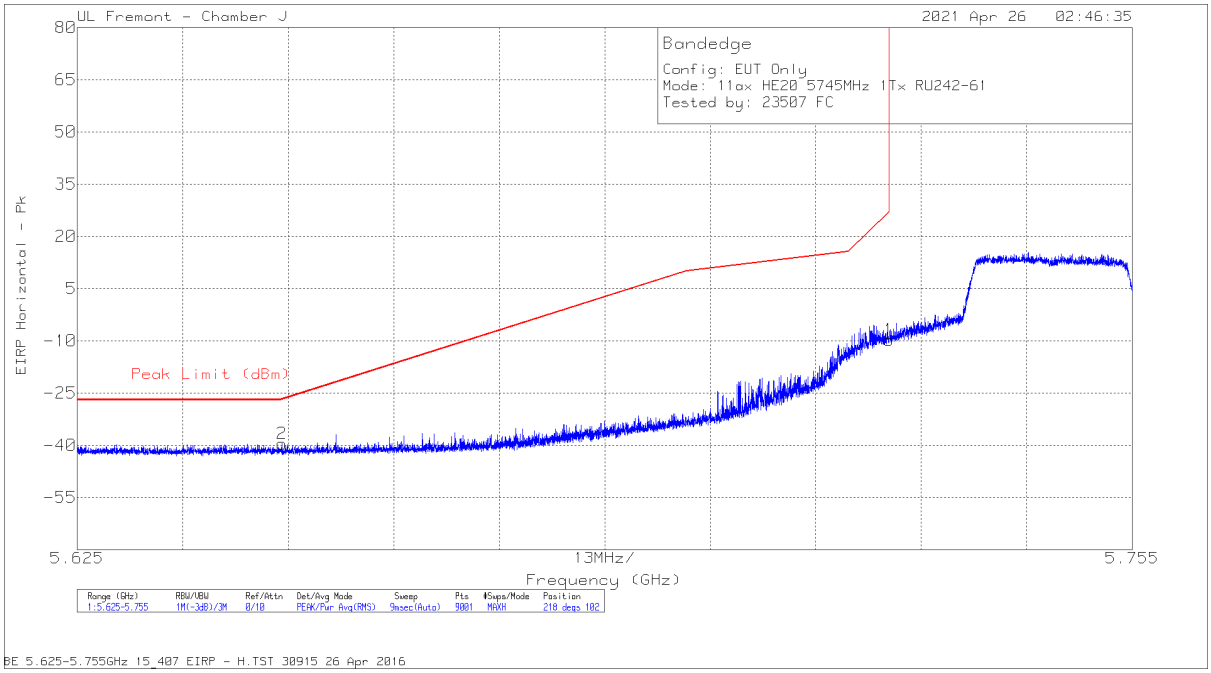
## 1.1.22. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND

**1TX ANTENNA 6 – 242 Tones, RU Index 61**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -36.63 | Pk | 35 | -19.9 | 11.8 | 0 | -9.73 | 26.99 | -36.72 | 218 | 102 | H |
| 2 | 5.65022 | -66.15 | Pk | 34.9 | -20.1 | 11.8 | 0 | -39.55 | -26.84 | -12.71 | 218 | 102 | H |

Pk - Peak detector



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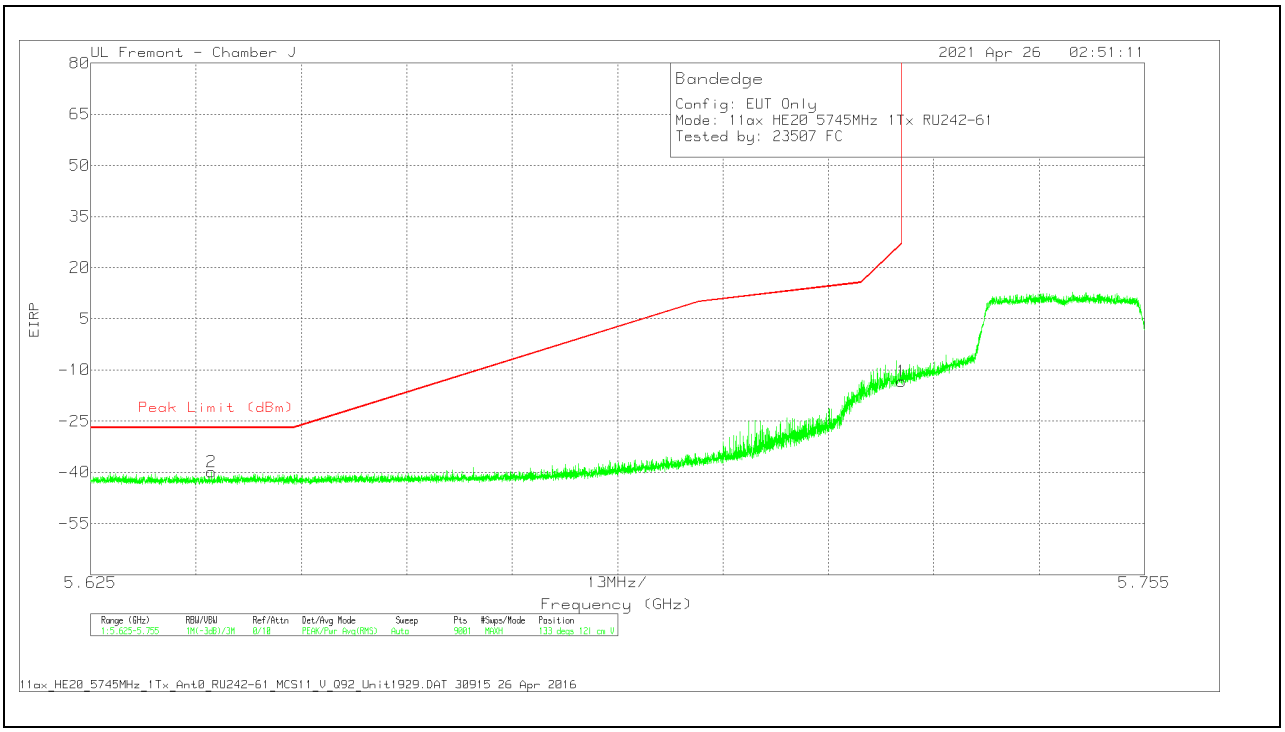
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -40.31 | Pk | 35 | -19.9 | 11.8 | -13.41 | 26.99 | -40.4 | 133 | 121 | V |
| 2 | 5.63988 | -66.56 | Pk | 34.9 | -20 | 11.8 | -39.86 | -27 | -12.86 | 133 | 121 | V |

Pk - Peak detector



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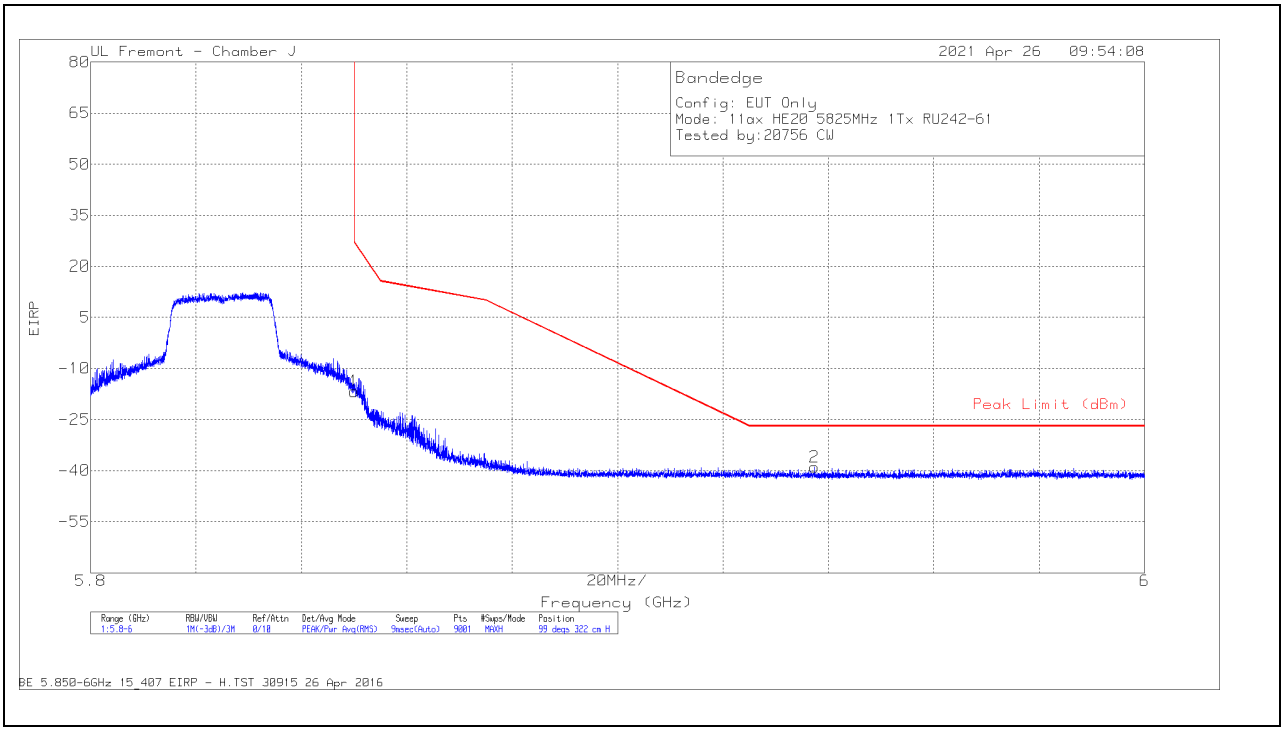
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -44.35 | Pk | 35.2 | -19.4 | 11.8 | -16.75 | 26.95 | -43.7 | 99 | 322 | H |
| 2 | 5.9374 | -66.76 | Pk | 35.3 | -19.3 | 11.8 | -38.96 | -27 | -11.96 | 99 | 322 | H |

Pk - Peak detector



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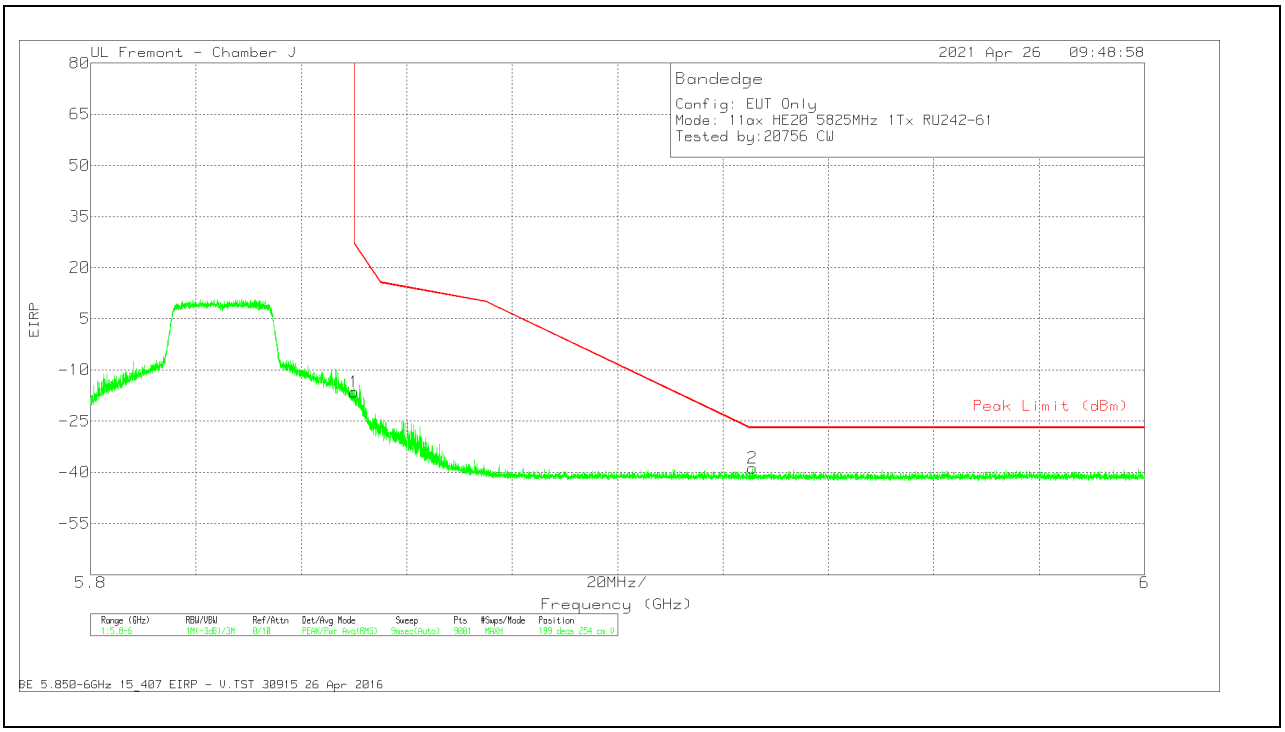
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -44.13 | Pk | 35.2 | -19.4 | 11.8 | -16.53 | 26.95 | -43.48 | 199 | 254 | V |
| 2 | 5.92555 | -66.58 | Pk | 35.3 | -19.3 | 11.8 | -38.78 | -27 | -11.78 | 199 | 254 | V |

Pk - Peak detector



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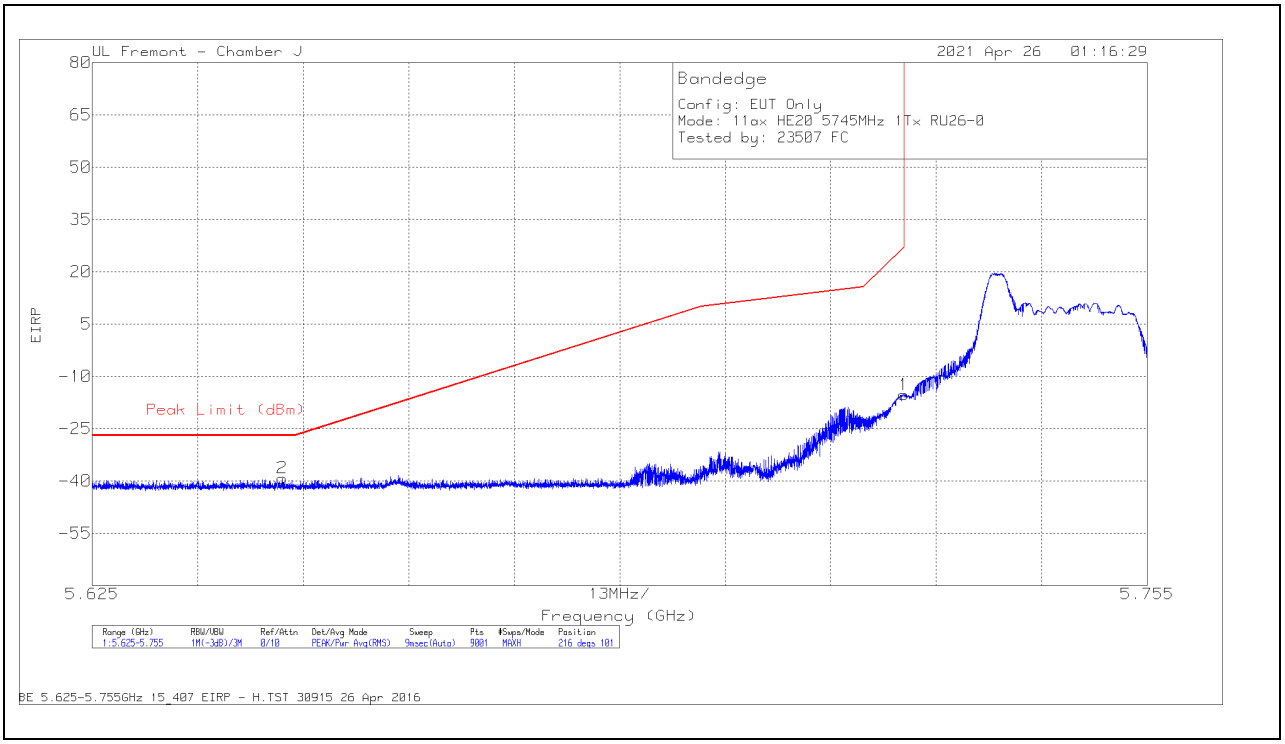
**1TX ANTENNA 6 – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -42.19 | Pk | 35 | -19.9 | 11.8 | -15.29 | 26.99 | -42.28 | 216 | 101 | H |
| 2 | 5.64841 | -65.93 | Pk | 34.9 | -20 | 11.8 | -39.23 | -27 | -12.23 | 216 | 101 | H |

Pk - Peak detector



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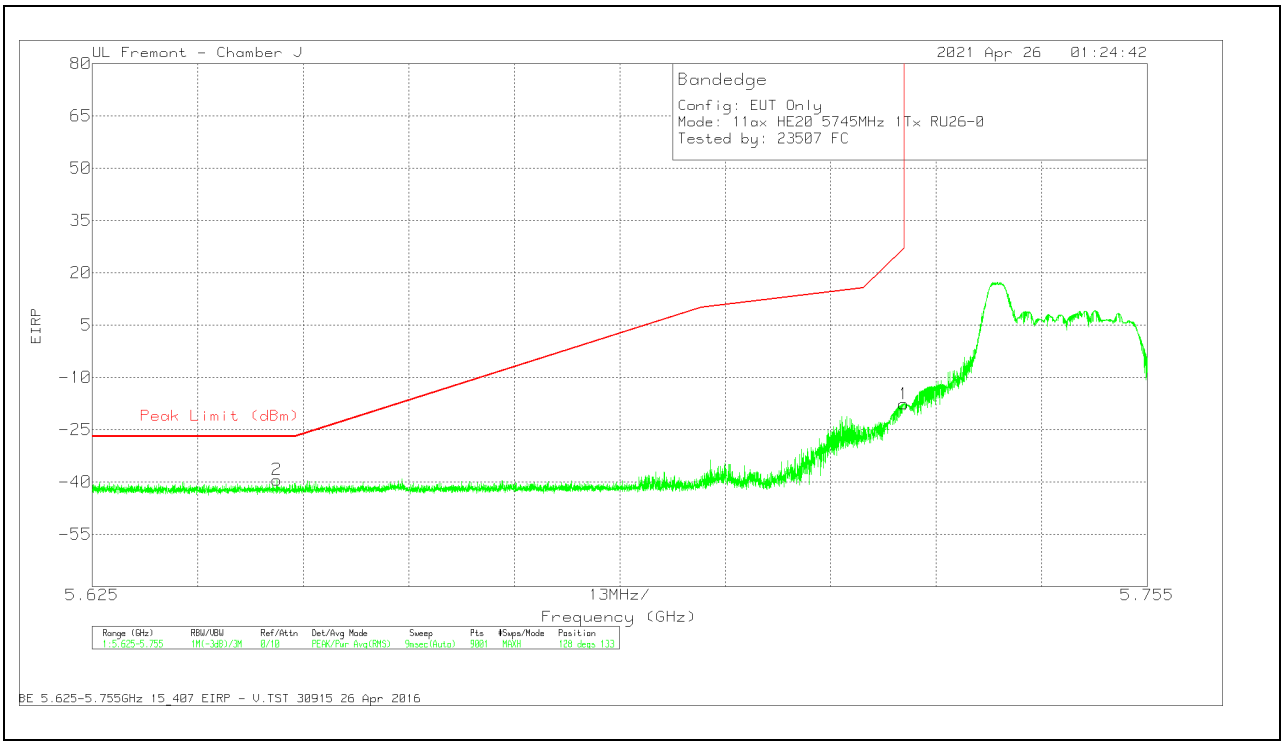
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -44.52 | Pk | 35 | -19.9 | 11.8 | -17.62 | 26.99 | -44.61 | 128 | 133 | V |
| 2 | 5.64775 | -66.11 | Pk | 34.9 | -20 | 11.8 | -39.41 | -27 | -12.41 | 128 | 133 | V |

Pk - Peak detector



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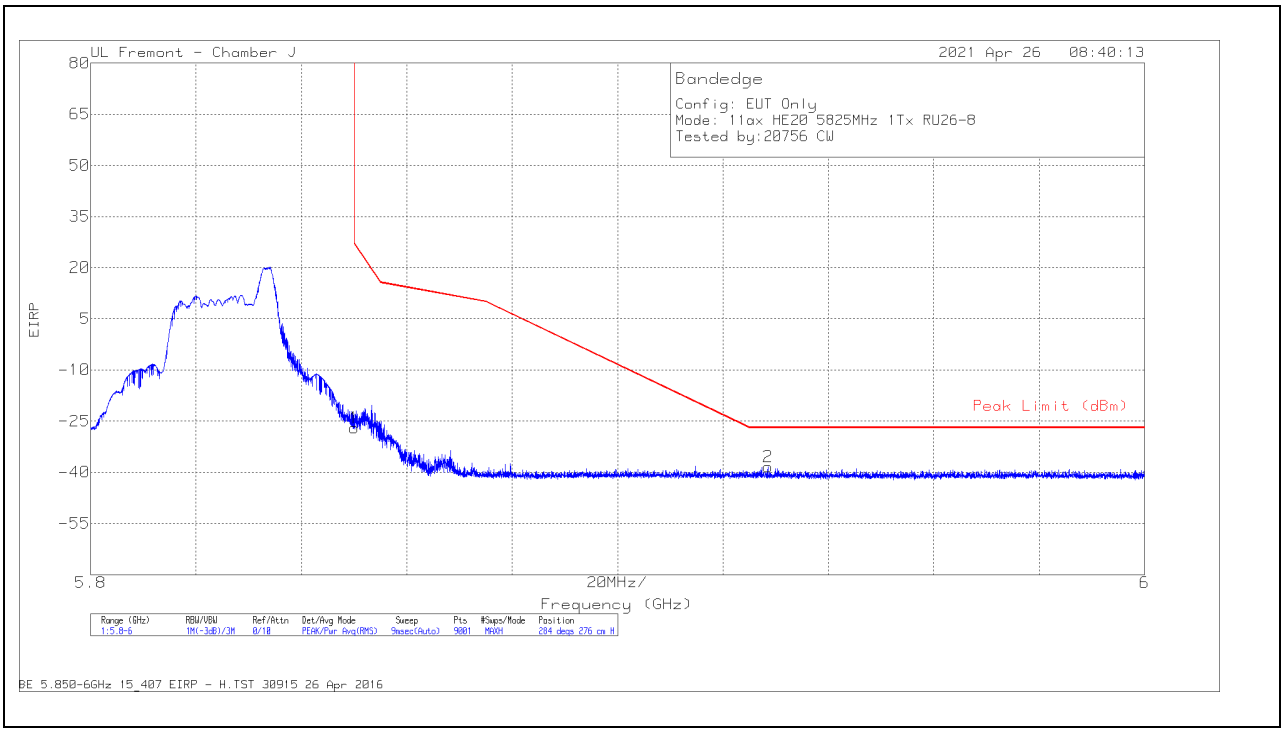
**1TX ANTENNA 6 – 26 Tones, RU Index 8**

## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -54.62 | Pk | 35.2 | -19.4 | 11.8 | -27.02 | 26.95 | -53.97 | 284 | 276 | H |
| 2 | 5.92855 | -66.14 | Pk | 35.3 | -19.3 | 11.8 | -38.34 | -27 | -11.34 | 284 | 276 | H |

Pk - Peak detector



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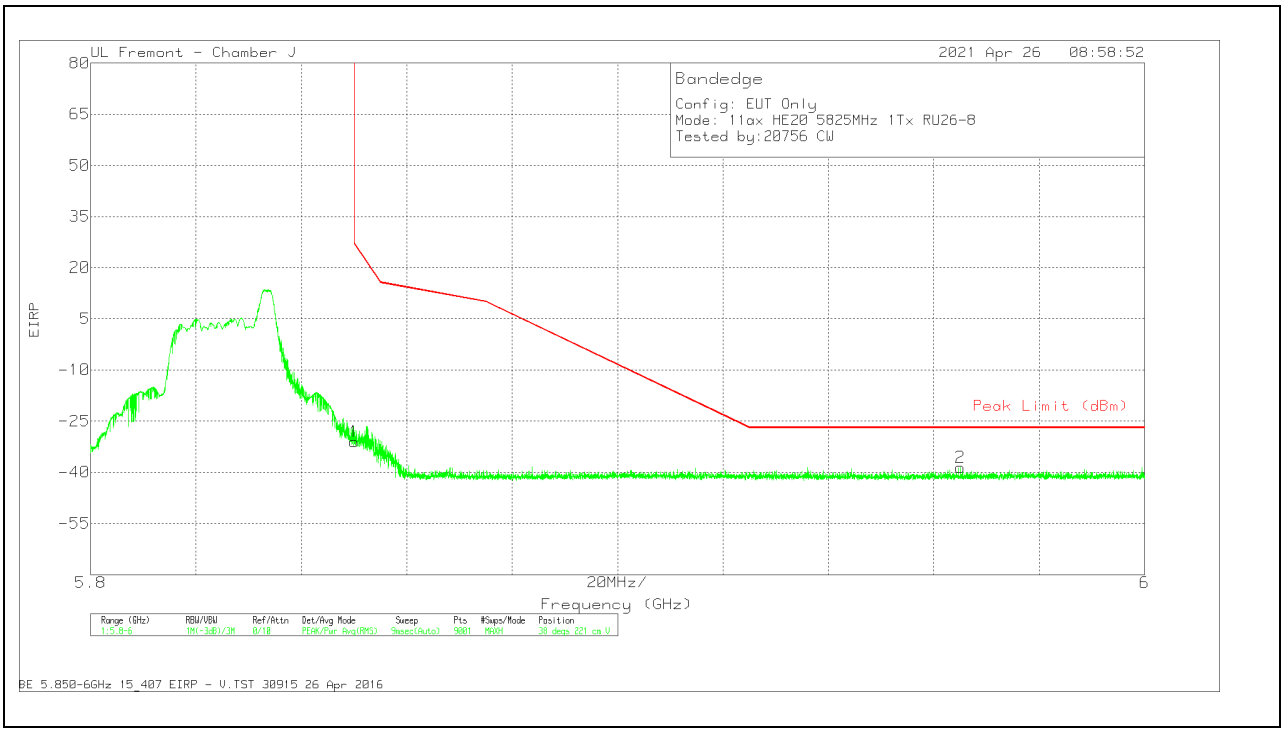
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -58.58 | Pk | 35.2 | -19.4 | 11.8 | -30.98 | 26.95 | -57.93 | 38 | 221 | V |
| 2 | 5.96507 | -66.43 | Pk | 35.4 | -19.3 | 11.8 | -38.53 | -27 | -11.53 | 38 | 221 | V |

Pk - Peak detector



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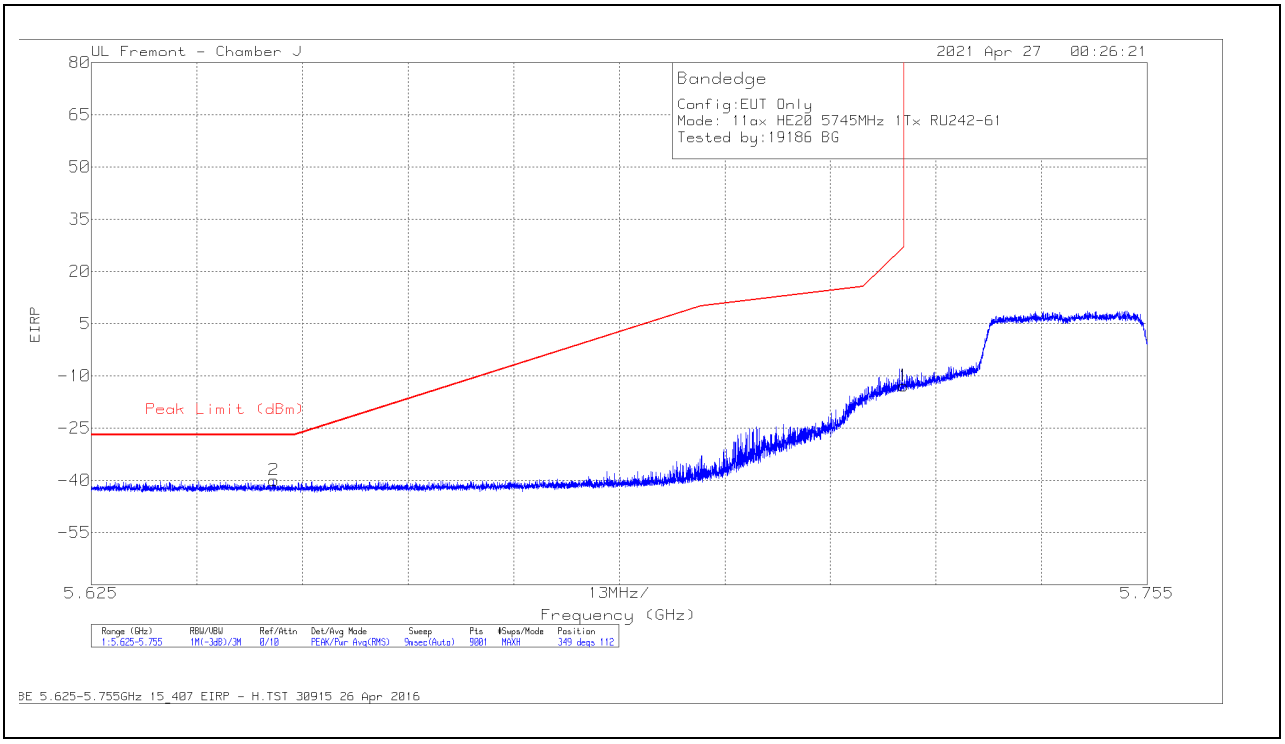
**1TX ANTENNA 5 – 242 Tones, RU Index 61**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -39.76 | Pk | 35 | -19.9 | 11.8 | -12.86 | 26.99 | -39.85 | 349 | 112 | H |
| 2 | 5.64747 | -66.75 | Pk | 35 | -20 | 11.8 | -39.95 | -27 | -12.95 | 349 | 112 | H |

Pk - Peak detector



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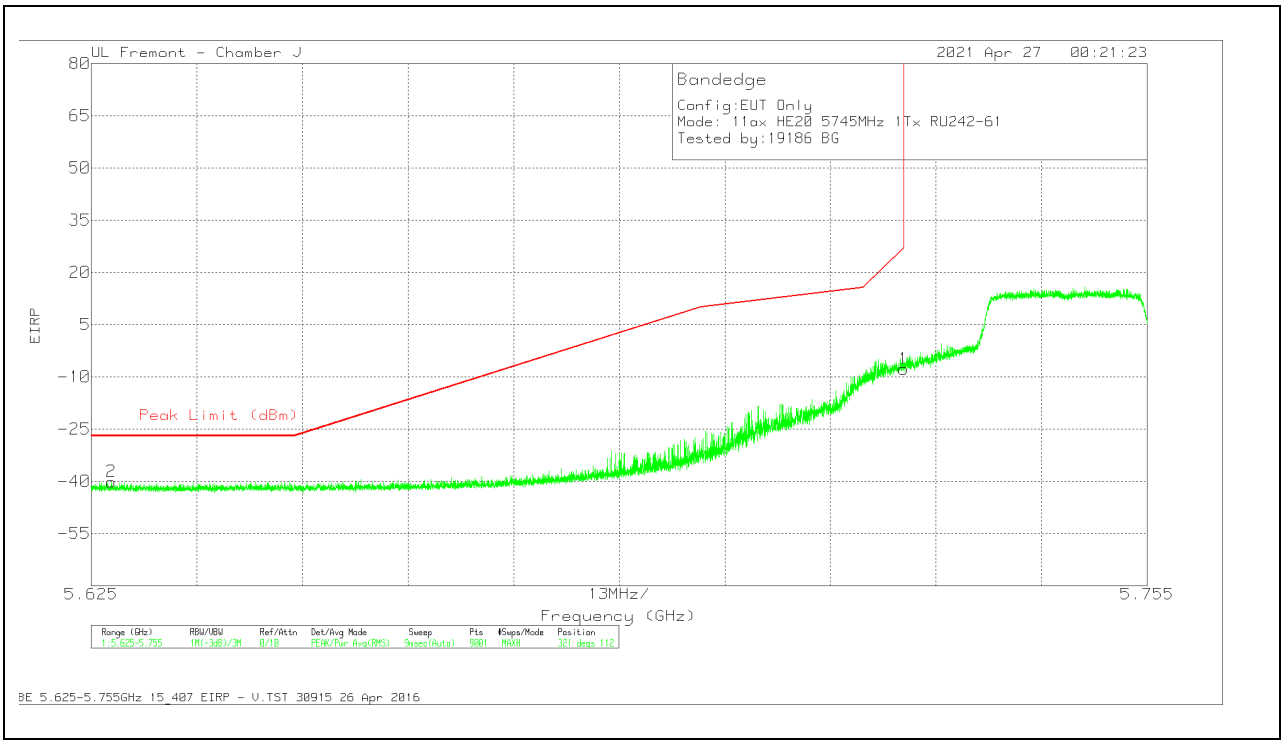
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -34.63 | Pk | 35 | -19.9 | 11.8 | -7.73 | 26.99 | -34.72 | 321 | 112 | V |
| 2 | 5.62744 | -66.92 | Pk | 35 | -20 | 11.8 | -40.12 | -27 | -13.12 | 321 | 112 | V |

Pk - Peak detector



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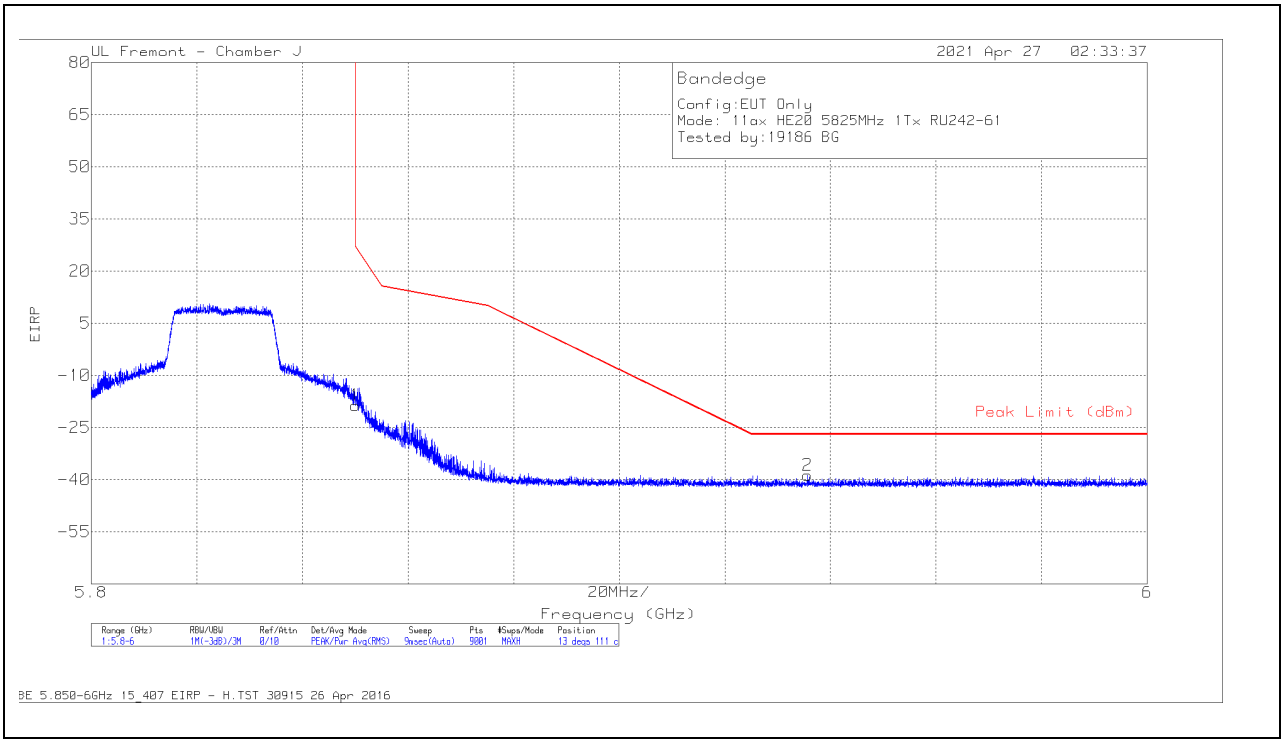
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -46.23 | Pk | 35.2 | -19.4 | 11.8 | -18.63 | 26.95 | -45.58 | 13 | 111 | H |
| 2 | 5.93569 | -66.53 | Pk | 35.3 | -19.3 | 11.8 | -38.73 | -27 | -11.73 | 13 | 111 | H |

Pk - Peak detector



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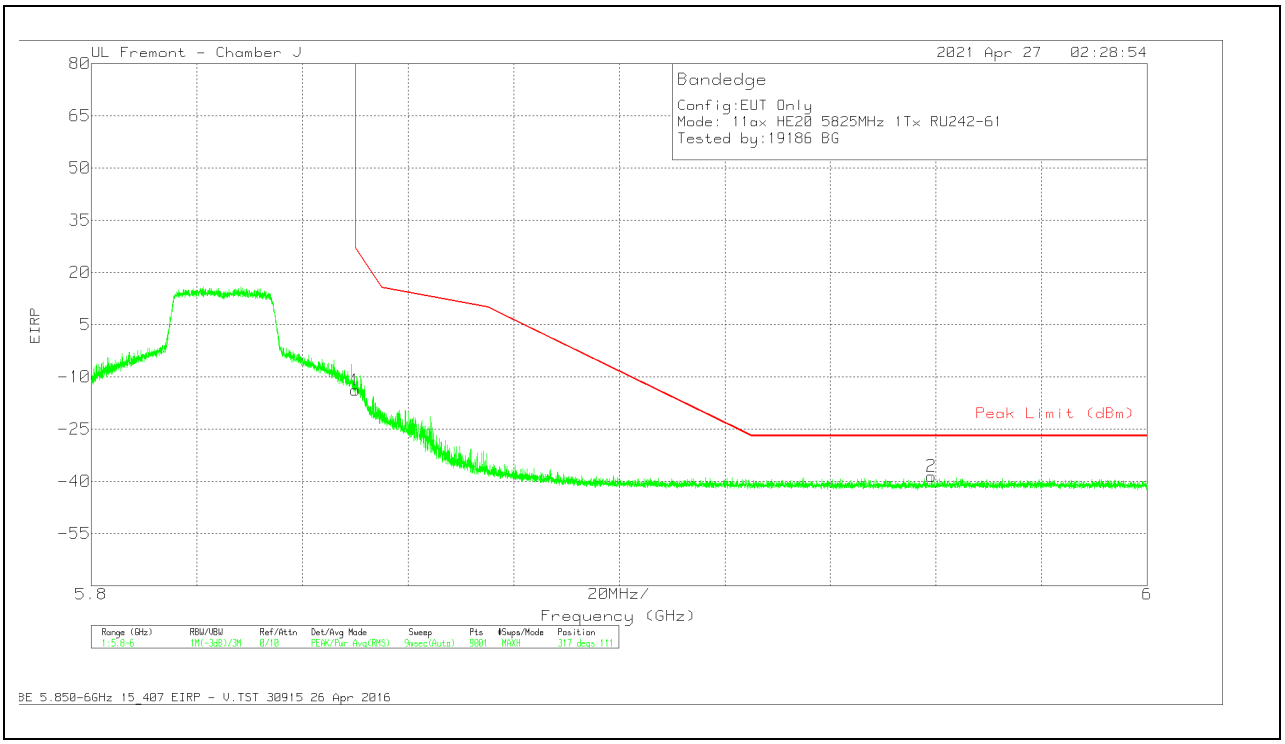
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -41.43 | Pk | 35.2 | -19.4 | 11.8 | -13.83 | 26.95 | -40.78 | 317 | 111 | V |
| 2 | 5.95915 | -66.33 | Pk | 35.3 | -19.3 | 11.8 | -38.53 | -27 | -11.53 | 317 | 111 | V |

Pk - Peak detector



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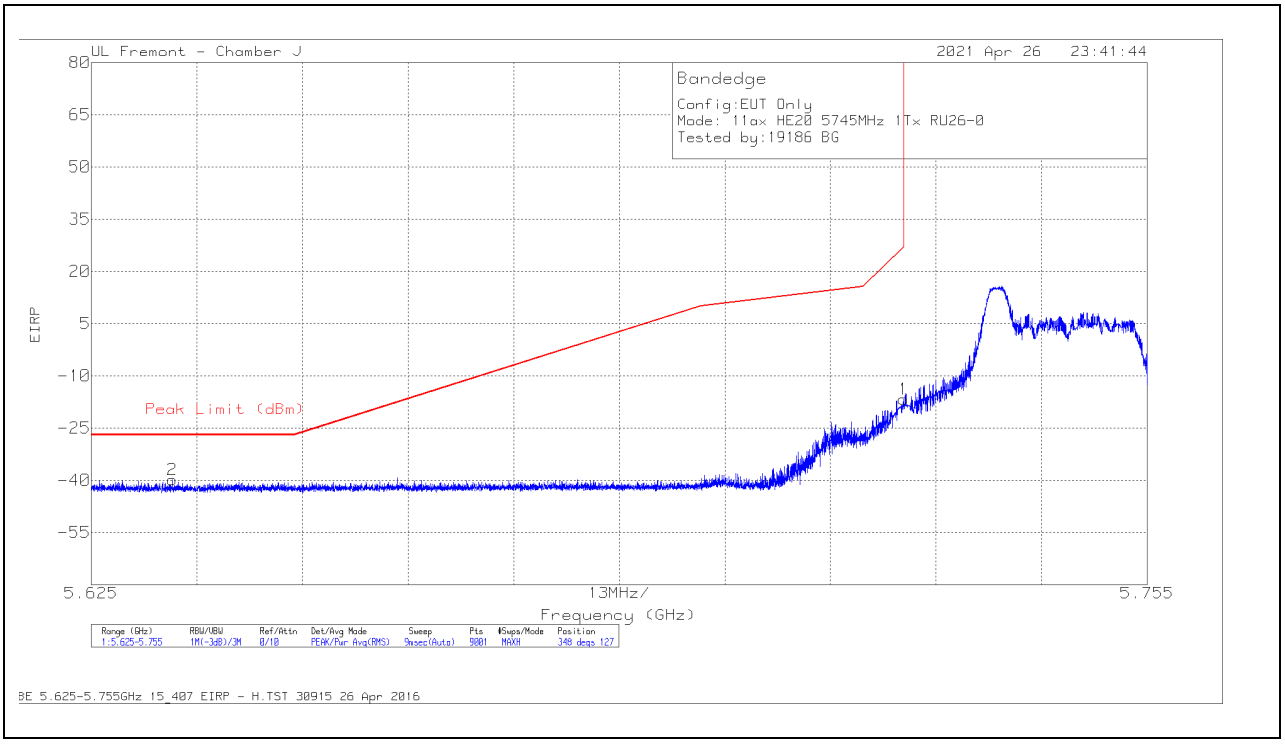
**1TX ANTENNA 5 – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -43.62 | Pk | 35 | -19.9 | 11.8 | -16.72 | 26.99 | -43.71 | 348 | 127 | H |
| 2 | 5.63498 | -66.49 | Pk | 34.8 | -20 | 11.8 | -39.89 | -27 | -12.89 | 348 | 127 | H |

Pk - Peak detector



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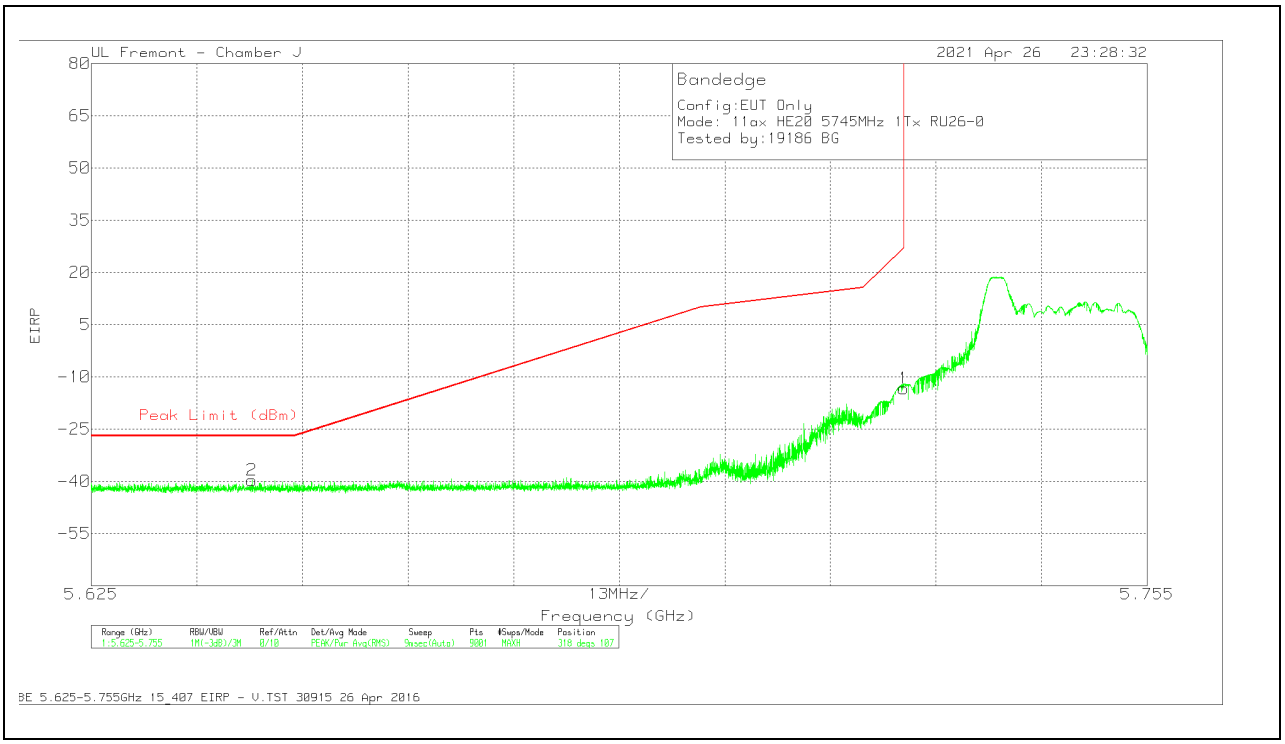
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -40.24 | Pk | 35 | -19.9 | 11.8 | -13.34 | 26.99 | -40.33 | 318 | 107 | V |
| 2 | 5.64477 | -66.53 | Pk | 35 | -20 | 11.8 | -39.73 | -27 | -12.73 | 318 | 107 | V |

Pk - Peak detector



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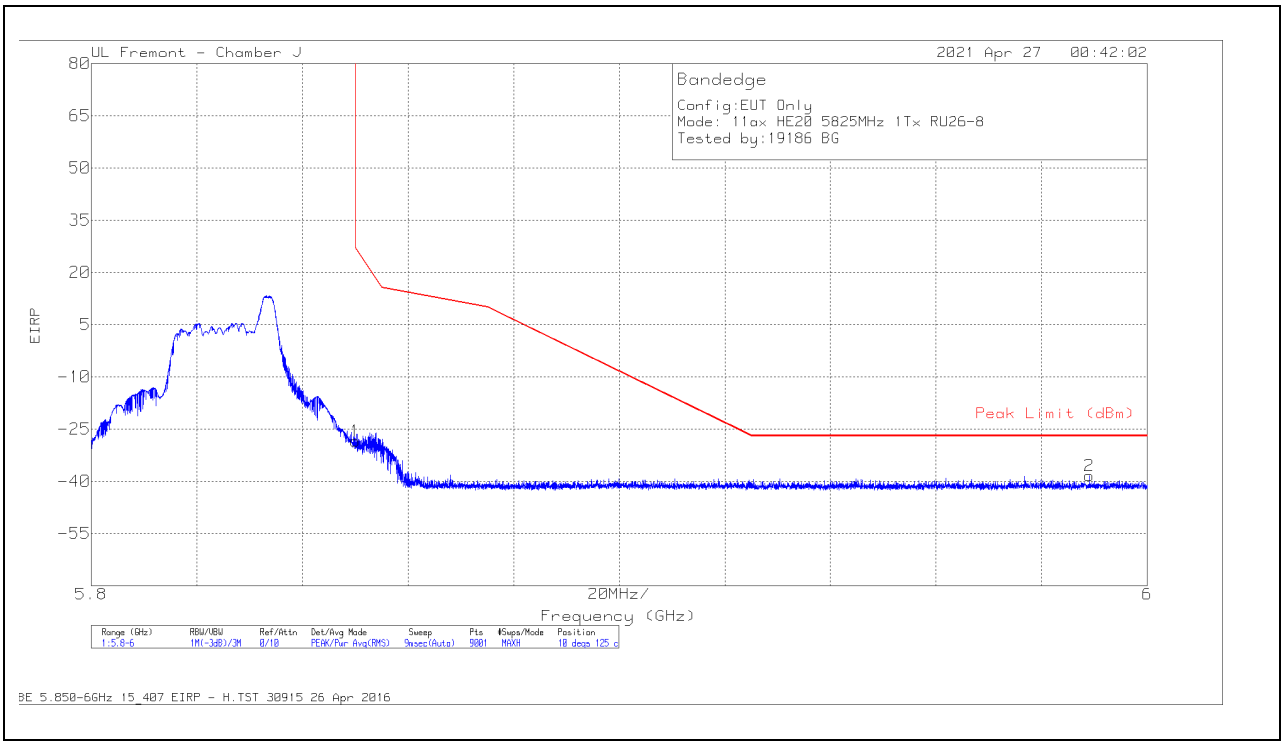
**1TX ANTENNA 5 – 26 Tones, RU Index 8**

## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -56.08 | Pk | 35.2 | -19.4 | 11.8 | -28.48 | 26.95 | -55.43 | 10 | 125 | H |
| 2 | 5.98902 | -66.4 | Pk | 35.3 | -19.1 | 11.8 | -38.4 | -27 | -11.4 | 10 | 125 | H |

Pk - Peak detector



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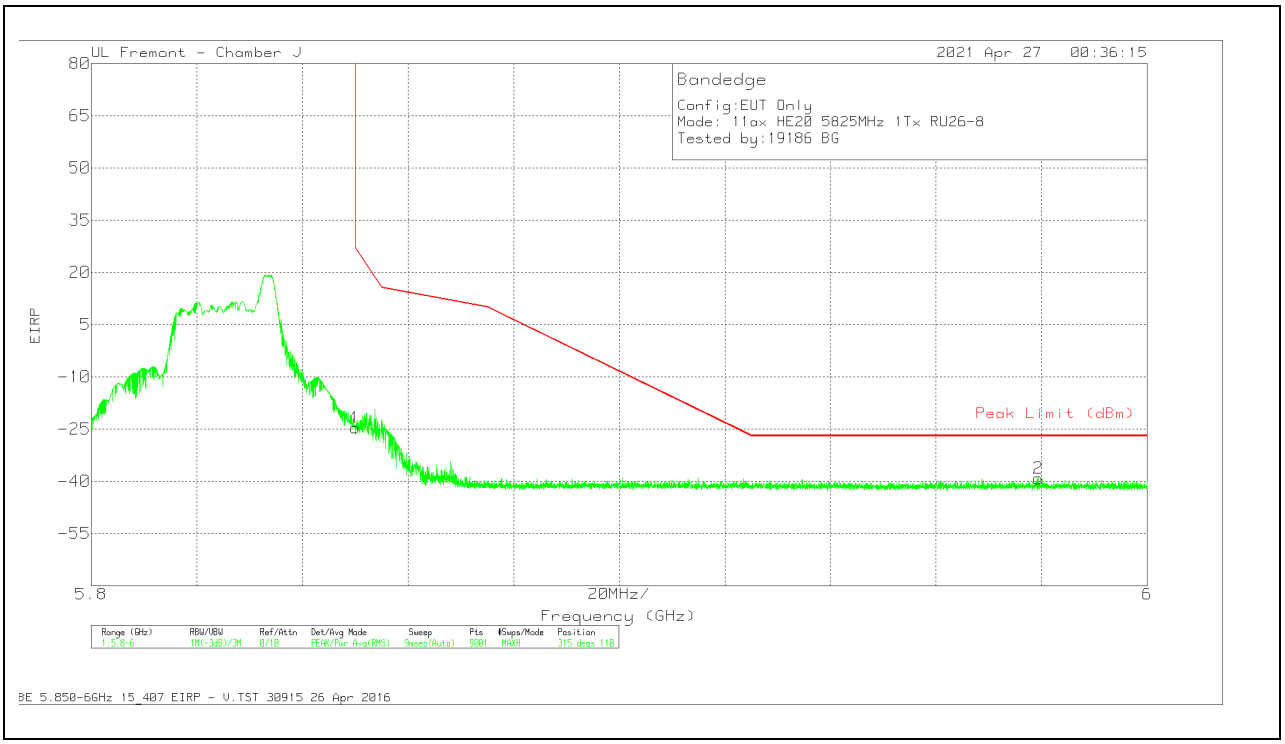
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -52.26 | Pk | 35.2 | -19.4 | 11.8 | -24.66 | 26.95 | -51.61 | 315 | 110 | V |
| 2 | 5.97938 | -67.2 | Pk | 35.4 | -19.2 | 11.8 | -39.2 | -27 | -12.2 | 315 | 110 | V |

Pk - Peak detector



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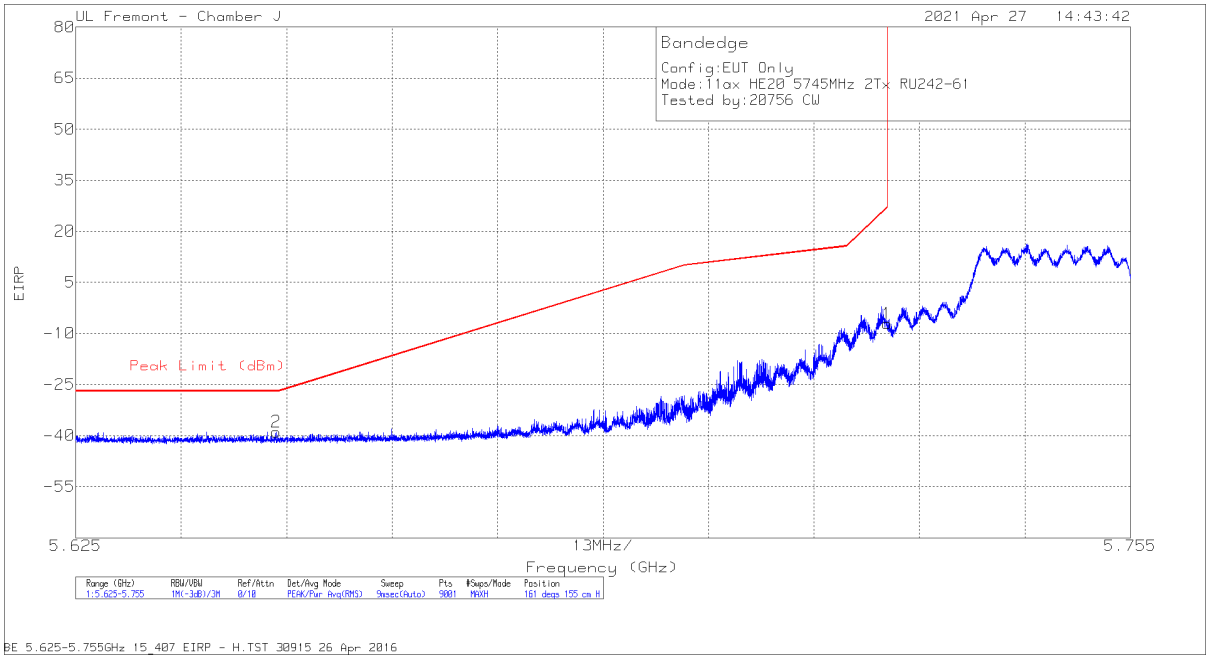
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 242 Tones, RU Index 61**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -33.95 | Pk | 35 | -19.9 | 11.8 | -7.05 | 26.99 | -34.04 | 161 | 155 | H |
| 2 | 5.64968 | -65.47 | Pk | 34.9 | -20.1 | 11.8 | -38.87 | -27 | -11.87 | 161 | 155 | H |

Pk - Peak detector



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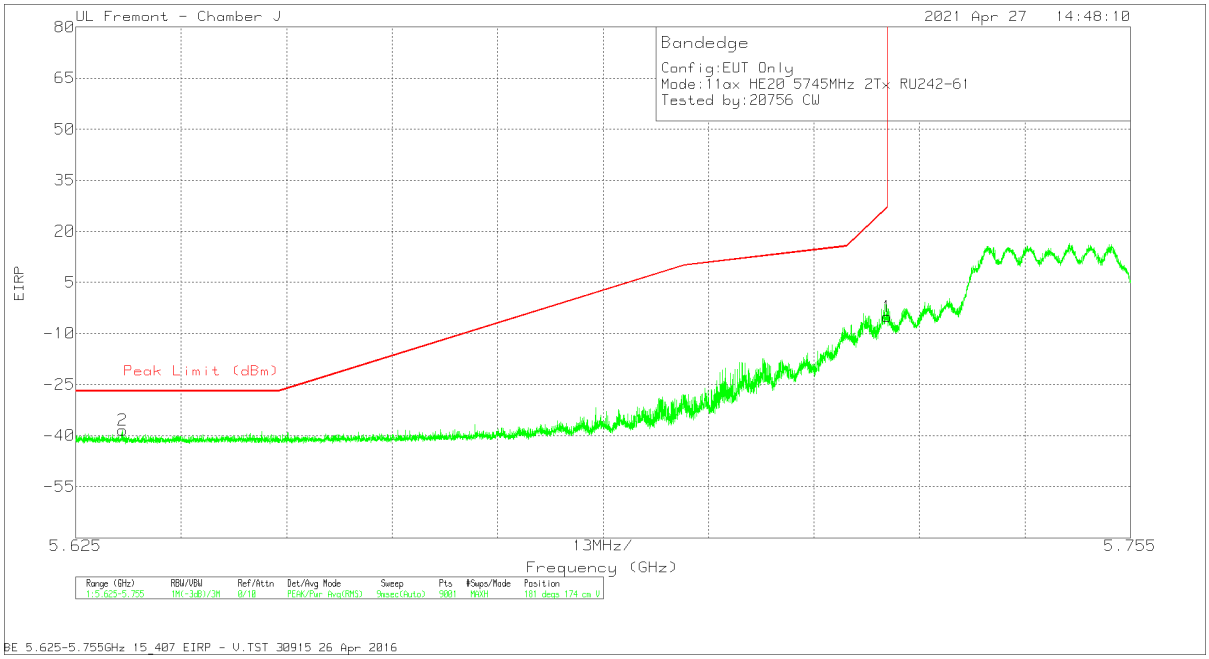
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -31.94 | Pk | 35 | -19.9 | 11.8 | -5.04 | 26.99 | -32.03 | 181 | 174 | V |
| 2 | 5.63075 | -65.07 | Pk | 34.9 | -20 | 11.8 | -38.37 | -27 | -11.37 | 181 | 174 | V |

Pk - Peak detector



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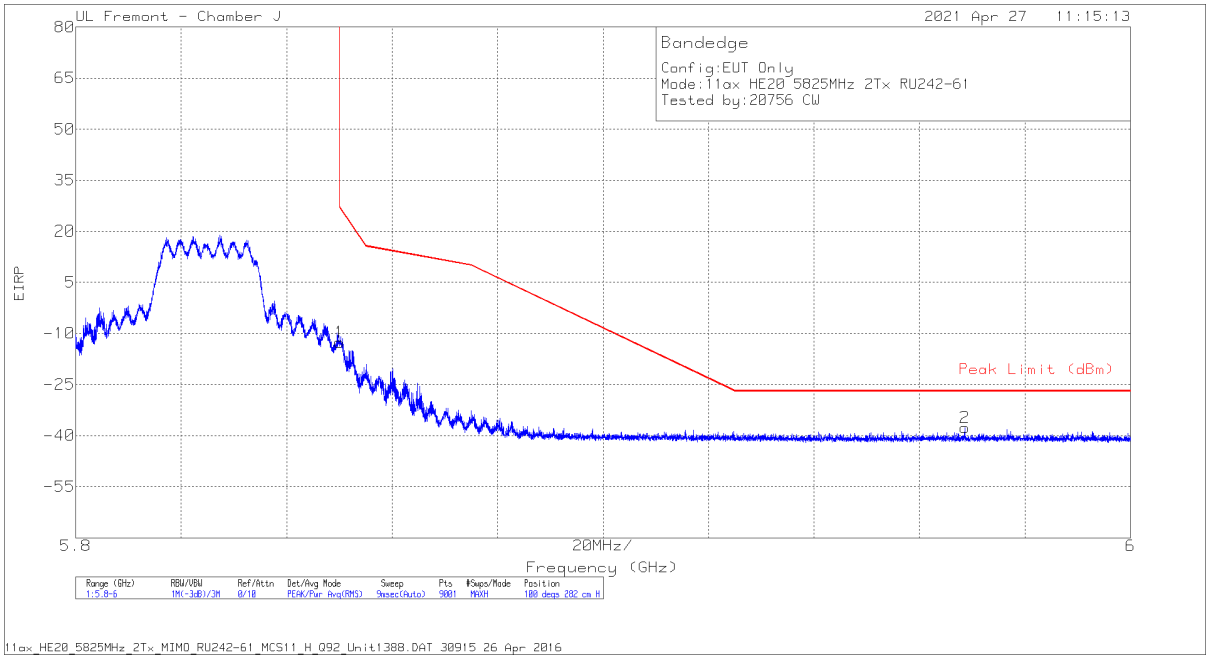
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -40.26 | Pk | 35.2 | -19.4 | 11.8 | -12.66 | 26.95 | -39.61 | 100 | 282 | H |
| 2 | 5.96858 | -65.53 | Pk | 35.3 | -19.2 | 11.8 | -37.63 | -27 | -10.63 | 100 | 282 | H |

Pk - Peak detector



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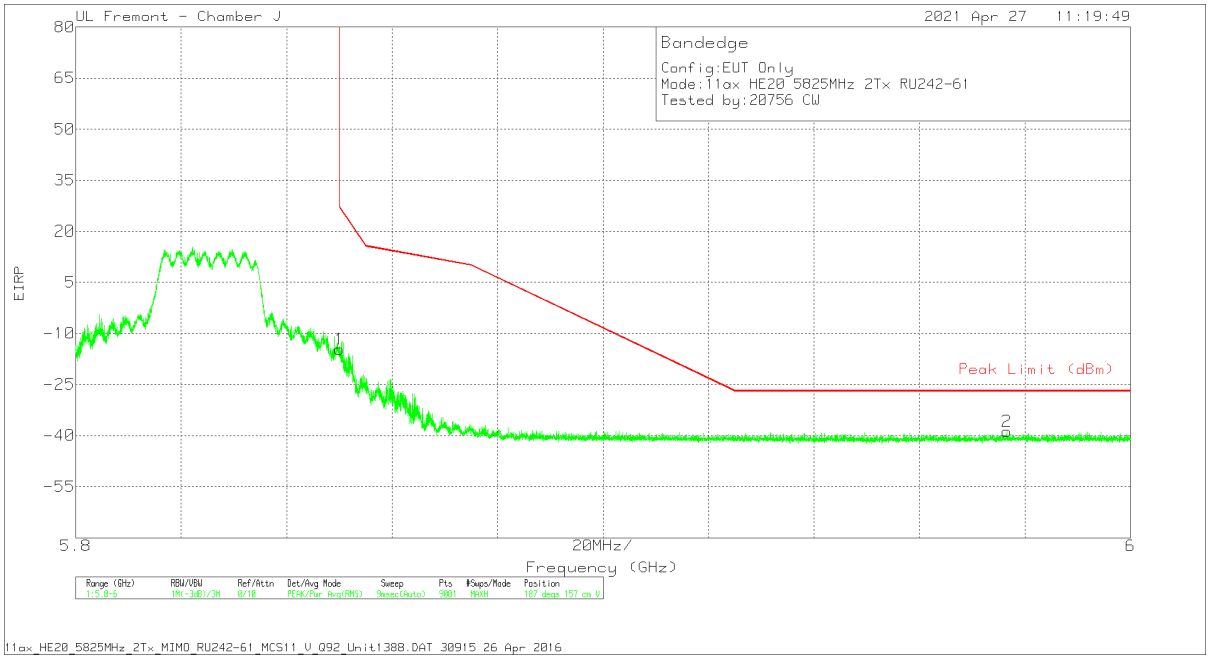
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -42.18 | Pk | 35.2 | -19.4 | 11.8 | -14.58 | 26.95 | -41.53 | 187 | 157 | V |
| 2 | 5.97658 | -66.76 | Pk | 35.4 | -19.2 | 11.8 | -38.76 | -27 | -11.76 | 187 | 157 | V |

Pk - Peak detector



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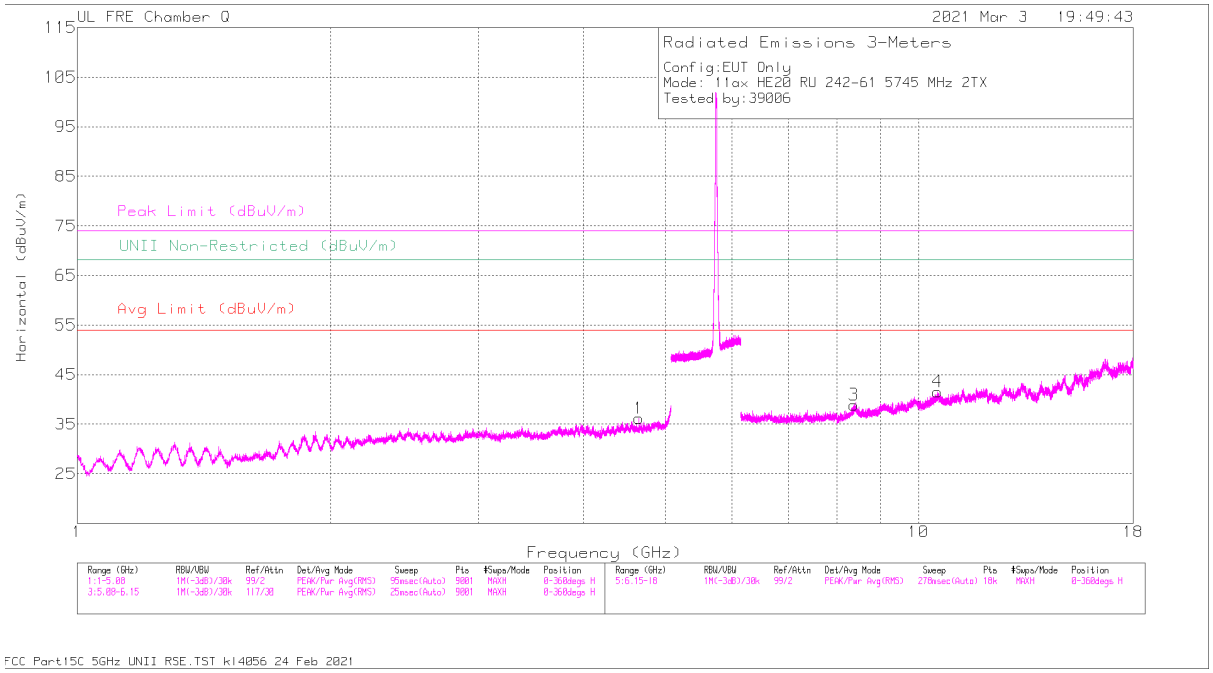
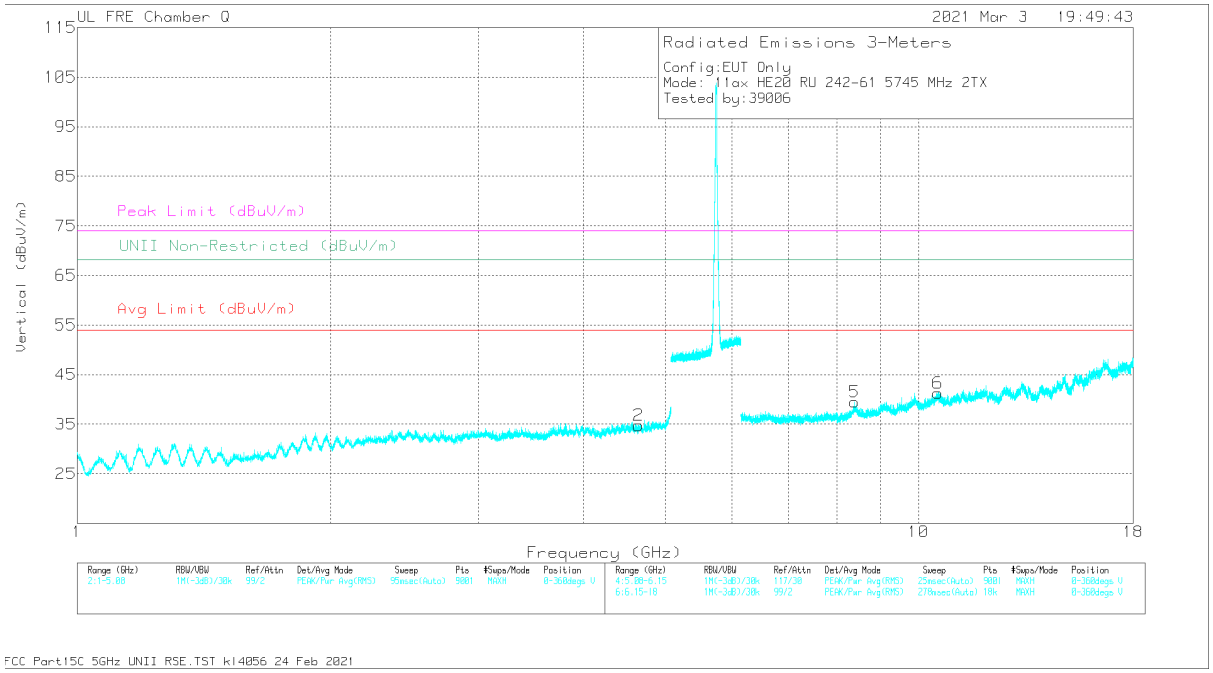
## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213831 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 4.6512 | 52.88 | PK-U | 34 | -41.2 | 45.68 | - | - | 74 | -28.32 | - | - | 331 | 152 | H |
| | * 4.6493 | 40.14 | ADR | 34 | -41.2 | 32.94 | 54 | -21.06 | - | - | - | - | 331 | 152 | H |
| 2 | * 4.64864 | 51.94 | PK-U | 34 | -41.2 | 44.74 | - | - | 74 | -29.26 | - | - | 286 | 137 | V |
| | * 4.64856 | 40.09 | ADR | 34 | -41.2 | 32.89 | 54 | -21.11 | - | - | - | - | 286 | 137 | V |
| 3 | * 8.38486 | 48.26 | PK-U | 35.7 | -36.1 | 47.86 | - | - | 74 | -26.14 | - | - | 216 | 162 | H |
| | * 8.38284 | 36.59 | ADR | 35.7 | -36.3 | 35.99 | 54 | -18.01 | - | - | - | - | 216 | 162 | H |
| 5 | * 8.39357 | 49.03 | PK-U | 35.8 | -36.1 | 48.73 | - | - | 74 | -25.27 | - | - | 259 | 330 | V |
| | * 8.39466 | 36.97 | ADR | 35.8 | -36.1 | 36.67 | 54 | -17.33 | - | - | - | - | 259 | 330 | V |
| 4 | 10.528 | 47.87 | PK-U | 37.6 | -34.8 | 50.67 | - | - | - | - | 68.2 | -17.53 | 143 | 205 | H |
| 6 | 10.5449 | 47.79 | PK-U | 37.7 | -34.5 | 50.99 | - | - | - | - | 68.2 | -17.21 | 214 | 182 | 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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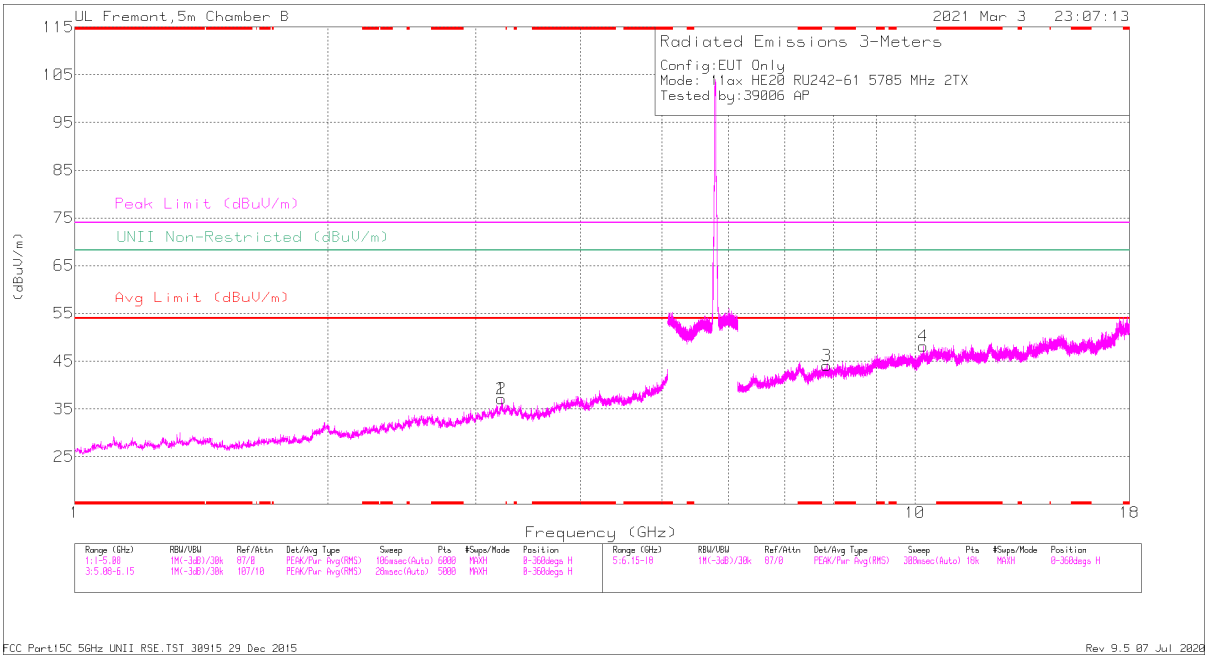
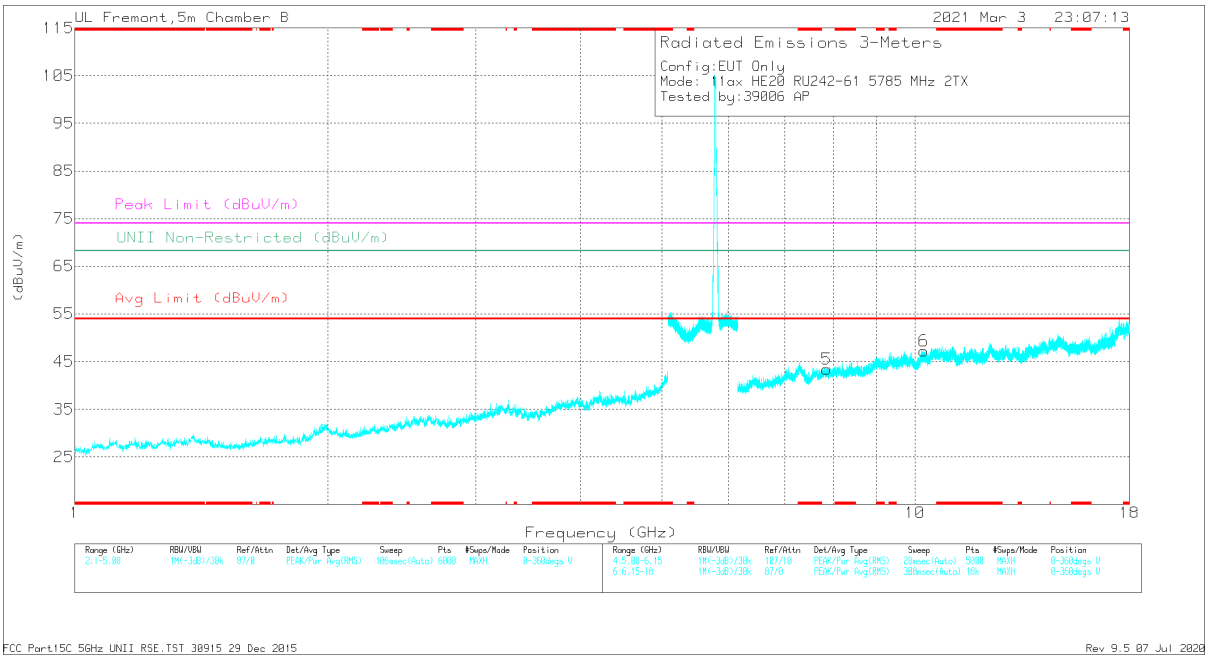
# MID CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T962 (dB/m) | Amp/Cbl/Fltr/Pad (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 | 3.21832 | 37.55 | PK-U | 31.3 | -25.1 | 43.75 | - | - | - | - | 68.2 | -24.45 | 53 | 142 | H |
| 2 | 3.21988 | 37.27 | PK-U | 31.3 | -25.1 | 43.47 | - | - | - | - | 68.2 | -24.73 | 76 | 163 | H |
| 3 | 7.85085 | 34.65 | PK-U | 37.3 | -19.7 | 52.25 | - | - | - | - | 68.2 | -15.95 | 94 | 186 | H |
| 5 | 7.85847 | 33.57 | PK-U | 37.3 | -19.7 | 51.17 | - | - | - | - | 68.2 | -17.03 | 231 | 240 | V |
| 4 | 10.23707 | 32.95 | PK-U | 38.8 | -16.2 | 55.55 | - | - | - | - | 68.2 | -12.65 | 143 | 192 | H |
| 6 | 10.23827 | 33.1 | PK-U | 38.8 | -16.1 | 55.8 | - | - | - | - | 68.2 | -12.4 | 290 | 152 | V |

PK-U - U-NII: Maximum Peak



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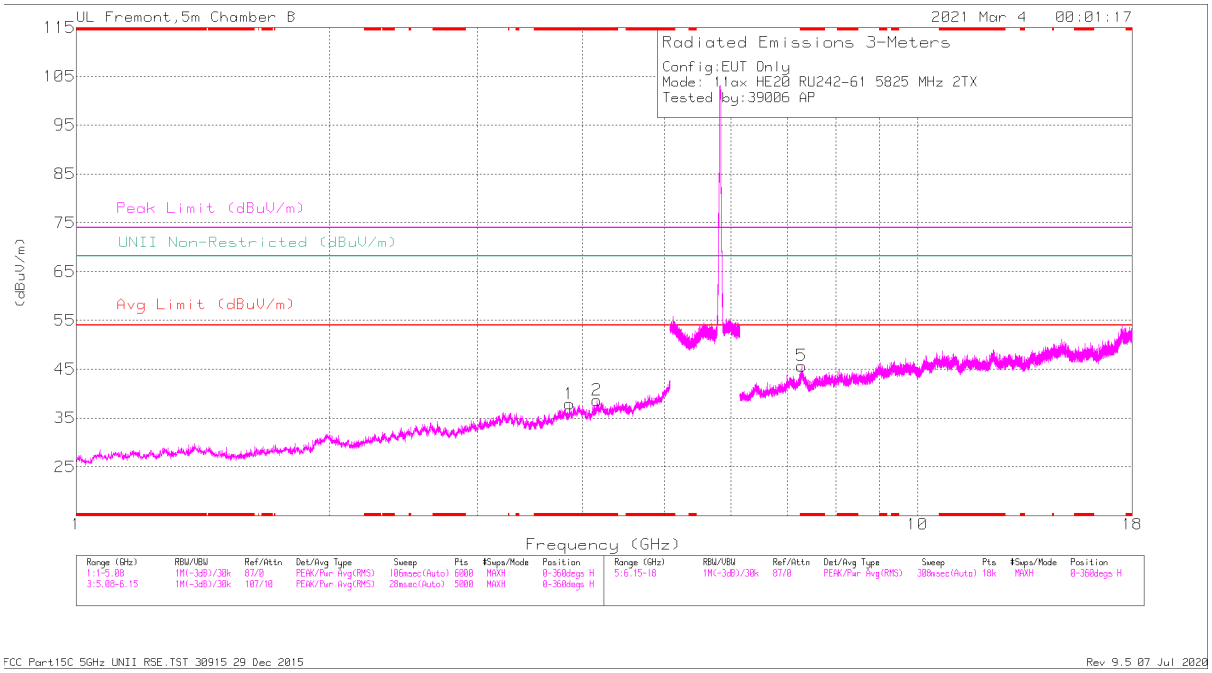
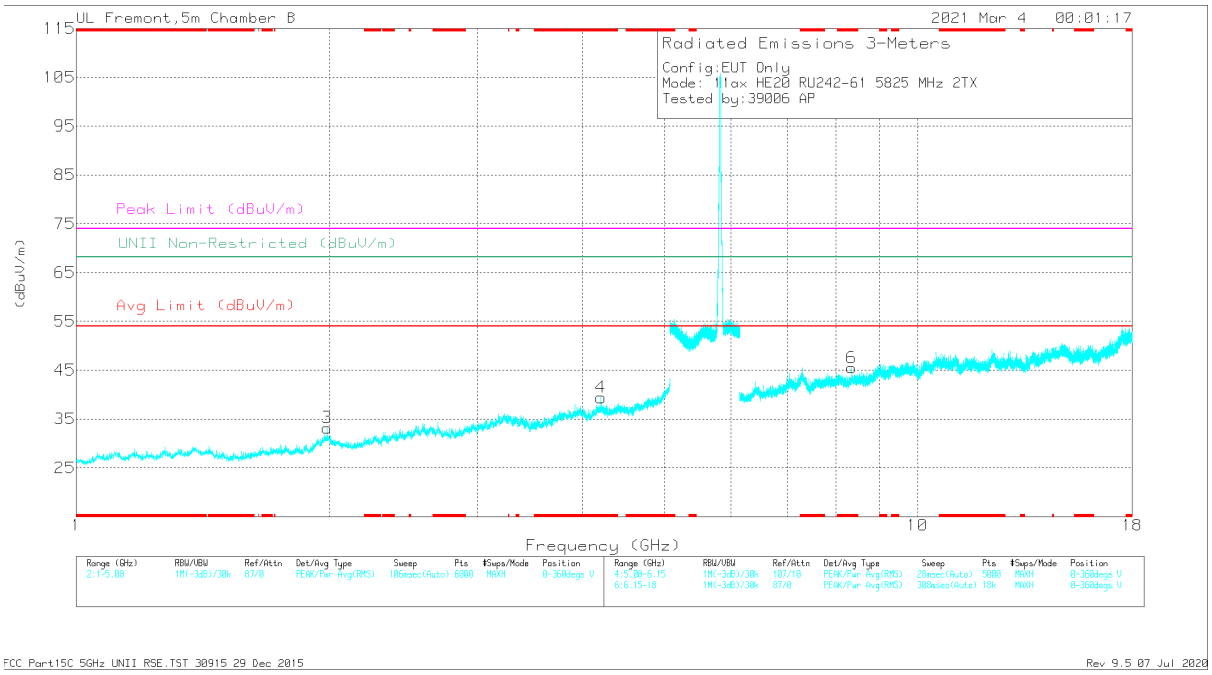
# HIGH CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T962 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 3.85619 | 38 | PK-U | 31.2 | -25.1 | 44.1 | - | - | 74 | -29.9 | - | - | 54 | 173 | H |
| | * 3.85774 | 25.69 | ADR | 31.2 | -25.1 | 31.79 | 54 | -22.21 | - | - | - | - | 54 | 173 | H |
| 2 | * 4.15818 | 36.75 | PK-U | 31.8 | -23.4 | 45.15 | - | - | 74 | -28.85 | - | - | 90 | 197 | H |
| | * 4.15732 | 24.7 | ADR | 31.8 | -23.4 | 33.1 | 54 | -20.9 | - | - | - | - | 90 | 197 | H |
| 4 | * 4.20356 | 36.71 | PK-U | 31.7 | -22.9 | 45.51 | - | - | 74 | -28.49 | - | - | 213 | 143 | V |
| | * 4.20481 | 24.2 | ADR | 31.8 | -22.9 | 33.1 | 54 | -20.9 | - | - | - | - | 213 | 143 | V |
| 5 | * 7.28408 | 34.02 | PK-U | 37.1 | -18.8 | 52.32 | - | - | 74 | -21.68 | - | - | 192 | 157 | H |
| | * 7.28396 | 21.29 | ADR | 37.1 | -18.8 | 39.59 | 54 | -14.41 | - | - | - | - | 192 | 157 | H |
| 6 | * 8.34565 | 33.82 | PK-U | 37.5 | -19.8 | 51.52 | - | - | 74 | -22.48 | - | - | 98 | 117 | V |
| | * 8.34726 | 20.88 | ADR | 37.5 | -19.8 | 38.58 | 54 | -15.42 | - | - | - | - | 98 | 117 | V |
| 3 | 1.98749 | 38.43 | PK-U | 27.4 | -25.8 | 40.03 | - | - | - | - | 68.2 | -28.17 | 143 | 231 | 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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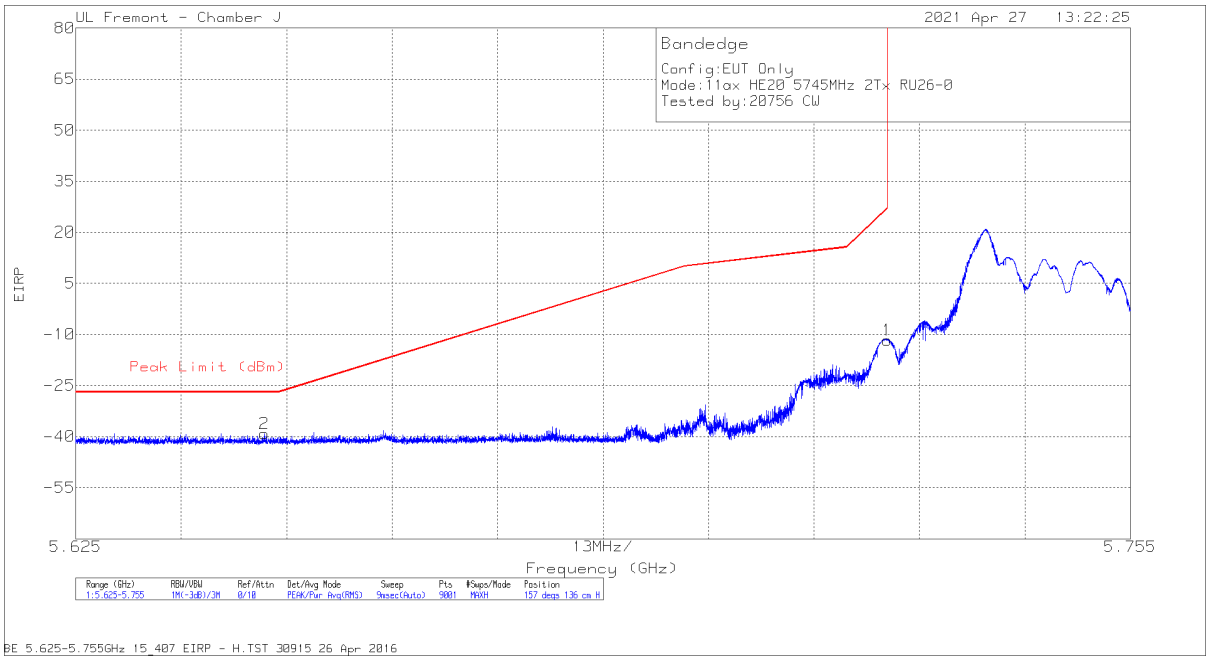
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.56 | Pk | 35 | -19.9 | 11.8 | -11.66 | 26.99 | -38.65 | 157 | 136 | H |
| 2 | 5.64824 | -65.84 | Pk | 34.9 | -20 | 11.8 | -39.14 | -27 | -12.14 | 157 | 136 | H |

Pk - Peak detector



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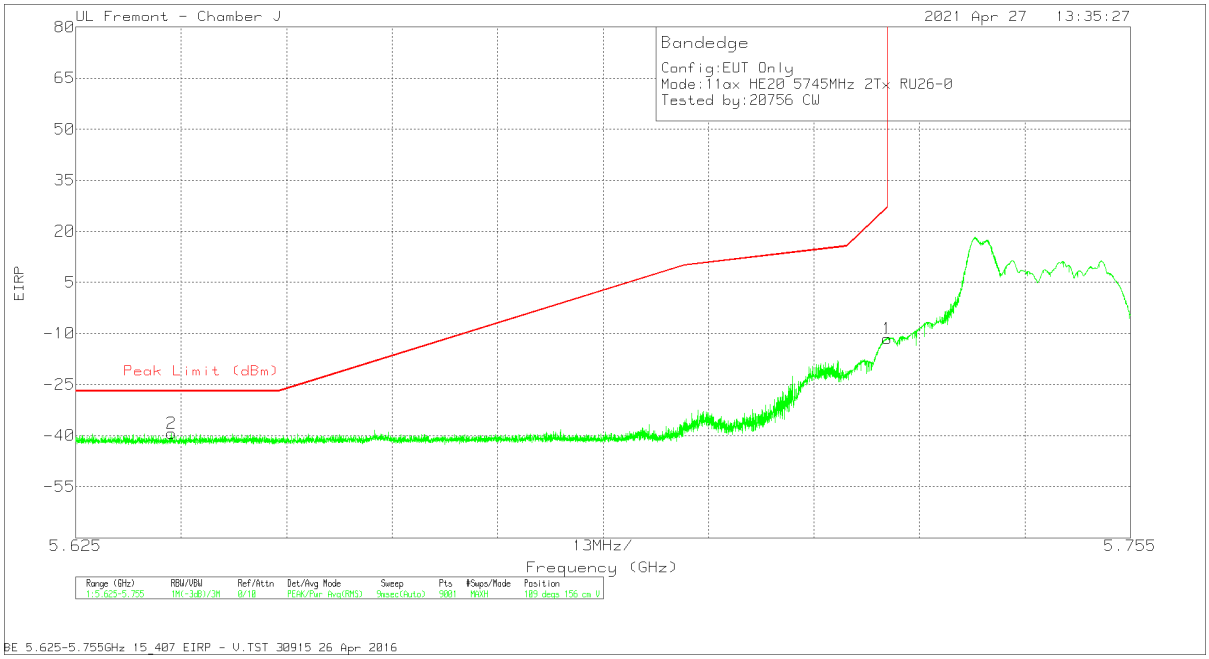
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.41 | Pk | 35 | -19.9 | 11.8 | -11.51 | 26.99 | -38.5 | 109 | 156 | V |
| 2 | 5.63684 | -65.99 | Pk | 34.9 | -20 | 11.8 | -39.29 | -27 | -12.29 | 109 | 156 | V |

Pk - Peak detector



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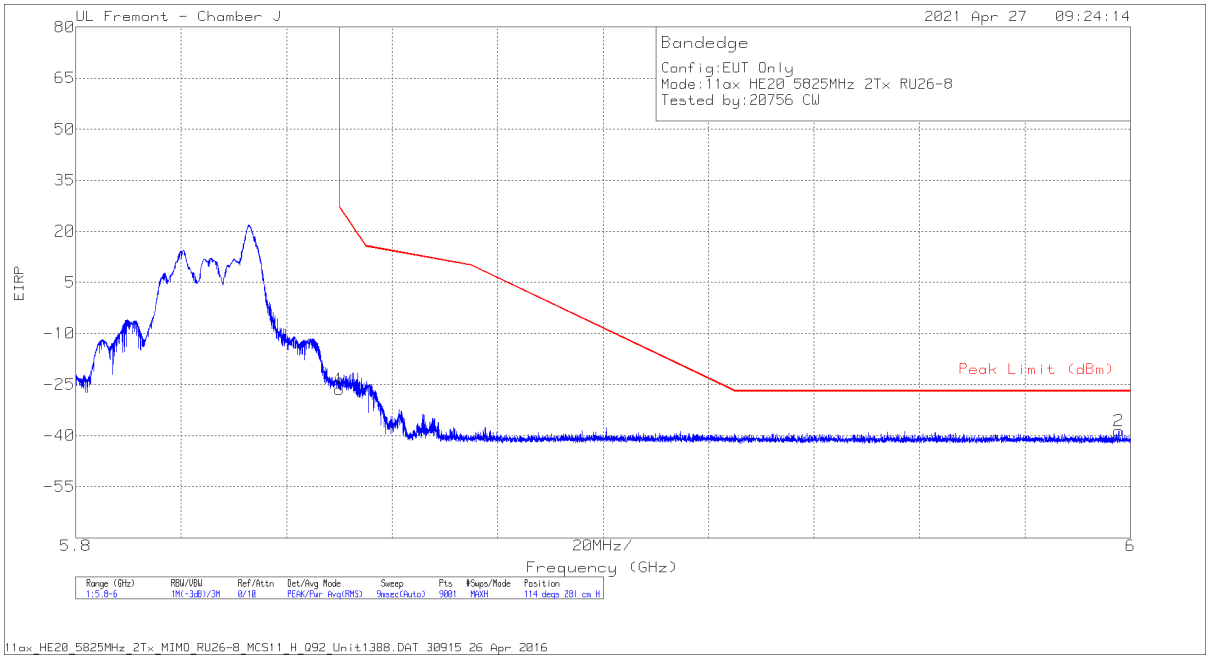
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 8**

## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -54.03 | Pk | 35.2 | -19.4 | 11.8 | -26.43 | 26.95 | -53.38 | 114 | 281 | H |
| 2 | 5.9978 | -66.61 | Pk | 35.3 | -19 | 11.8 | -38.51 | -27 | -11.51 | 114 | 281 | H |

Pk - Peak detector



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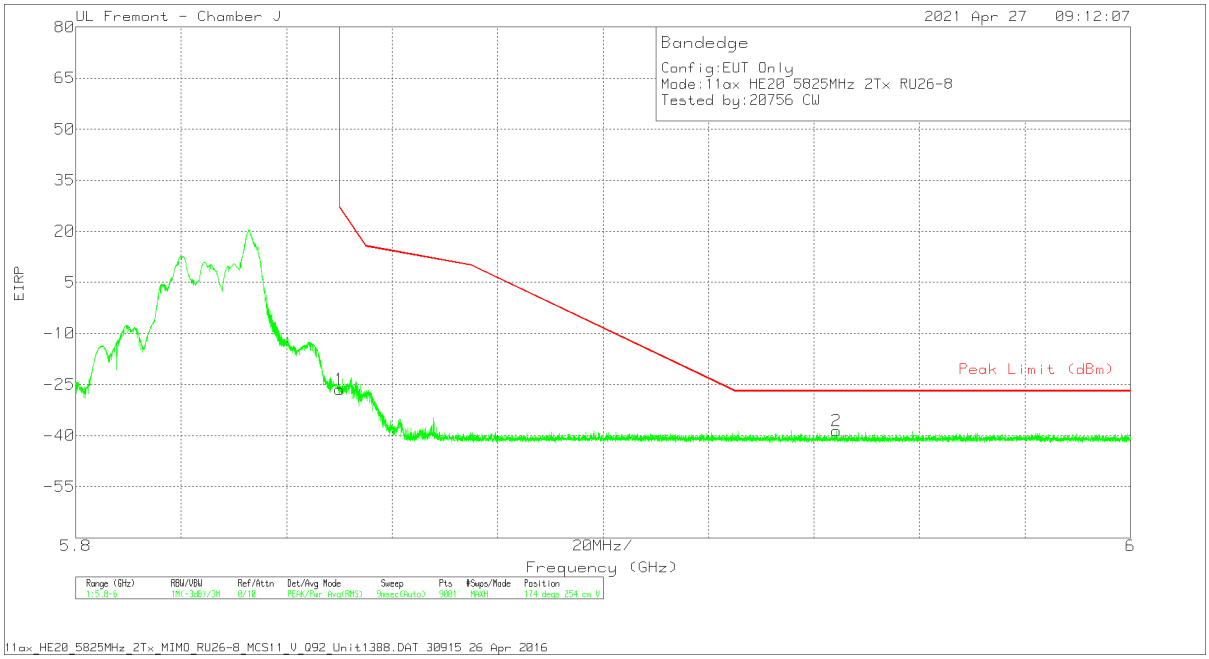
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -54.08 | Pk | 35.2 | -19.4 | 11.8 | -26.48 | 26.95 | -53.43 | 174 | 254 | V |
| 2 | 5.94431 | -66.4 | Pk | 35.3 | -19.3 | 11.8 | -38.6 | -27 | -11.6 | 174 | 254 | V |

Pk - Peak detector



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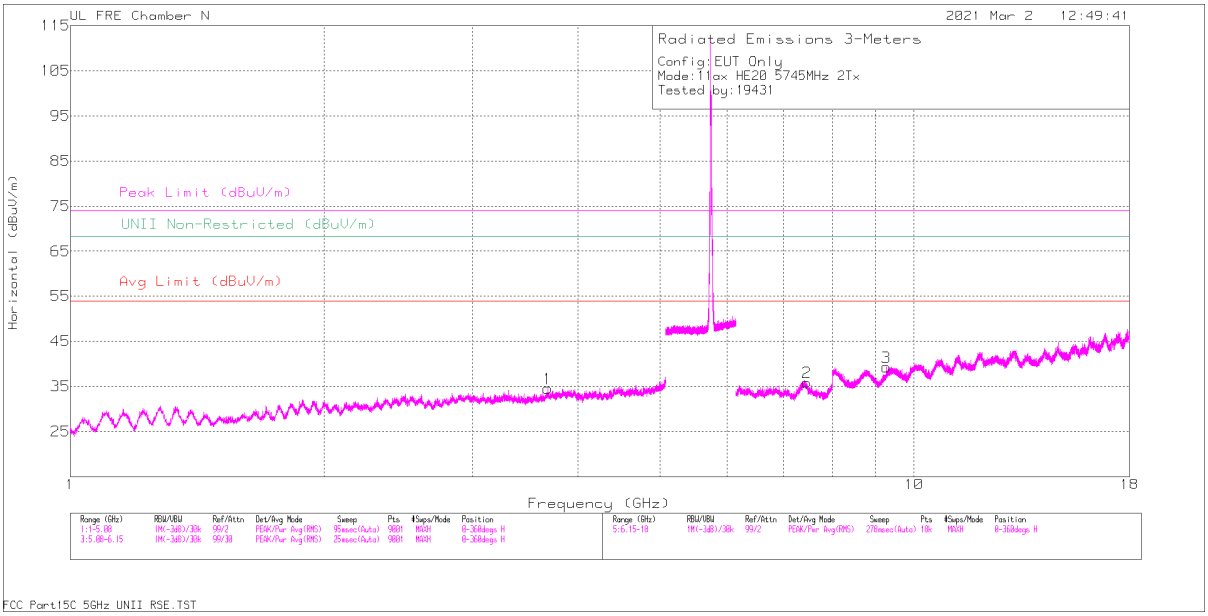
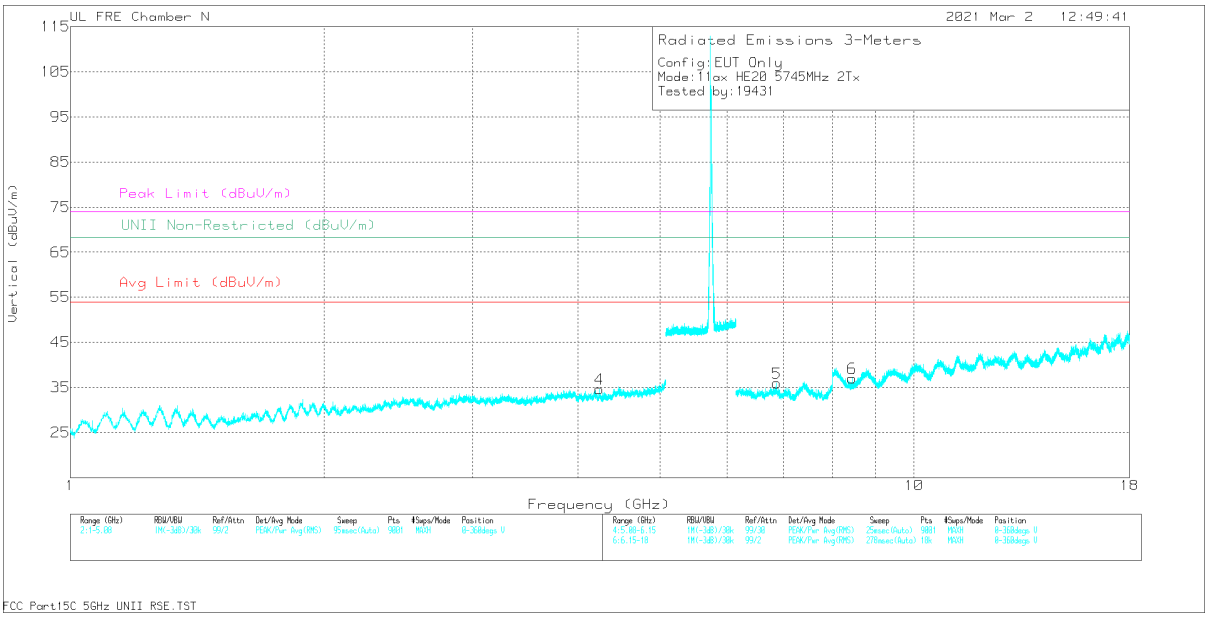
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 3.68349 | 54.47 | PK-U | 33.5 | -43.7 | 44.27 | - | - | 74 | -29.73 | - | - | 152 | 189 | H |
| | * 3.68221 | 42.25 | ADR | 33.5 | -43.7 | 32.05 | 54 | -21.95 | - | - | - | - | 152 | 189 | H |
| 4 | * 4.23632 | 53.6 | PK-U | 33.4 | -43.4 | 43.6 | - | - | 74 | -30.4 | - | - | 343 | 393 | V |
| | * 4.23548 | 42.2 | ADR | 33.4 | -43.4 | 32.2 | 54 | -21.8 | - | - | - | - | 343 | 393 | V |
| 2 | * 7.46225 | 52.03 | PK-U | 35.8 | -40.5 | 47.33 | - | - | 74 | -26.67 | - | - | 202 | 248 | H |
| | * 7.45993 | 40.56 | ADR | 35.8 | -40.6 | 35.76 | 54 | -18.24 | - | - | - | - | 202 | 248 | H |
| 6 | * 8.4468 | 49.55 | PK-U | 35.9 | -39.9 | 45.55 | - | - | 74 | -28.45 | - | - | 174 | 160 | V |
| | * 8.44735 | 38.27 | ADR | 35.9 | -39.8 | 34.37 | 54 | -19.63 | - | - | - | - | 174 | 160 | V |
| 5 | 6.87671 | 52.22 | PK-U | 35.7 | -41.1 | 46.82 | - | - | - | - | 68.2 | -21.38 | 181 | 383 | V |
| 3 | 9.27062 | 50.66 | PK-U | 36.4 | -39.9 | 47.16 | - | - | - | - | 68.2 | -21.04 | 172 | 127 | 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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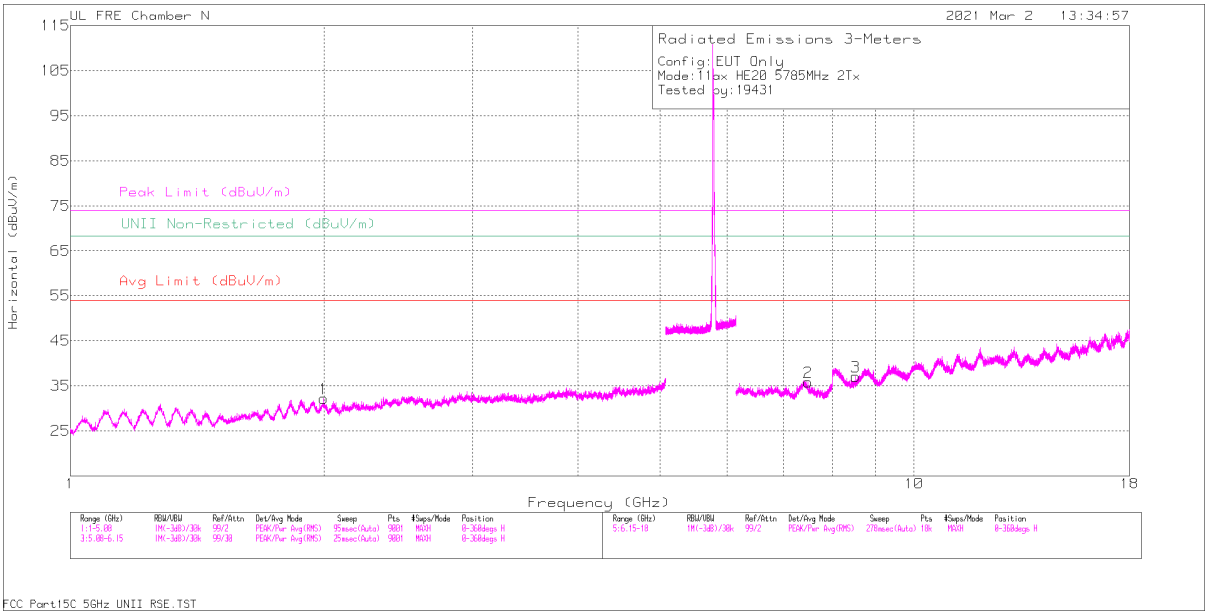
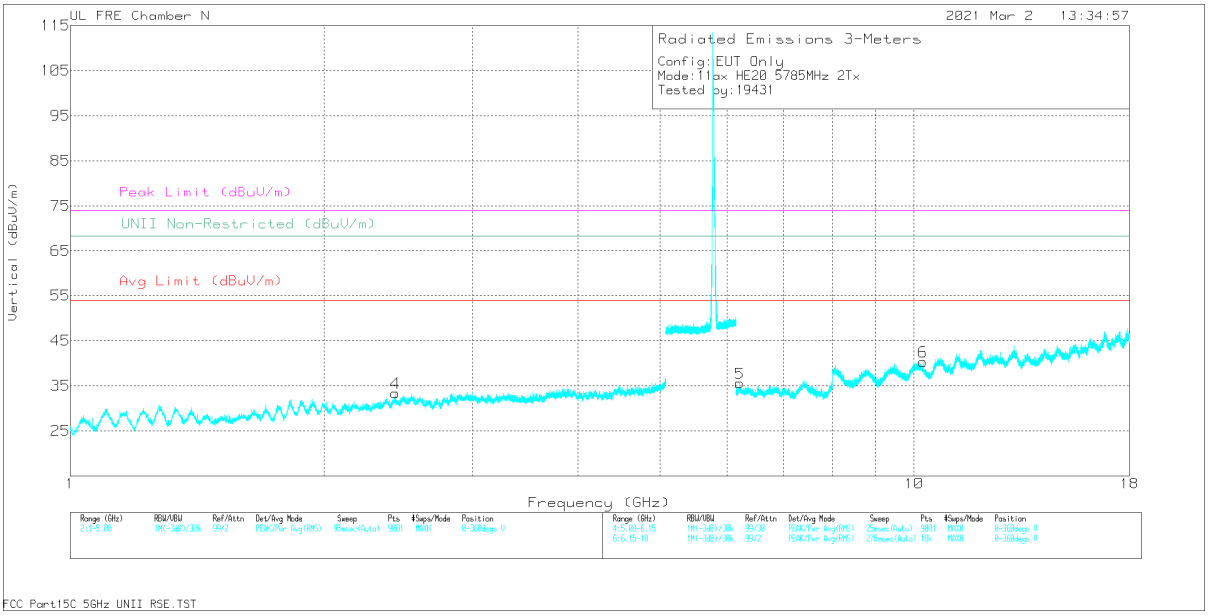
# MID CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | * 7.49033 | 51.77 | PK-U | 35.7 | -40.8 | 46.67 | - | - | 74 | -27.33 | - | - | 323 | 152 | H |
| | * 7.48765 | 40.12 | ADR | 35.7 | -40.8 | 35.02 | 54 | -18.98 | - | - | - | - | 323 | 152 | H |
| 1 | 1.99838 | 57.25 | PK-U | 31 | -46.5 | 41.75 | - | - | - | - | 68.2 | -26.45 | 78 | 391 | H |
| 4 | 2.42917 | 56.36 | PK-U | 32.3 | -46 | 42.66 | - | - | - | - | 68.2 | -25.54 | 64 | 393 | V |
| 5 | 6.21296 | 52.52 | PK-U | 35.5 | -40.4 | 47.62 | - | - | - | - | 68.2 | -20.58 | 49 | 325 | V |
| 3 | 8.52515 | 50.78 | PK-U | 35.8 | -40.1 | 46.48 | - | - | - | - | 68.2 | -21.72 | 11 | 238 | H |
| 6 | 10.24648 | 50.62 | PK-U | 37.3 | -39.3 | 48.62 | - | - | - | - | 68.2 | -19.58 | 279 | 108 | 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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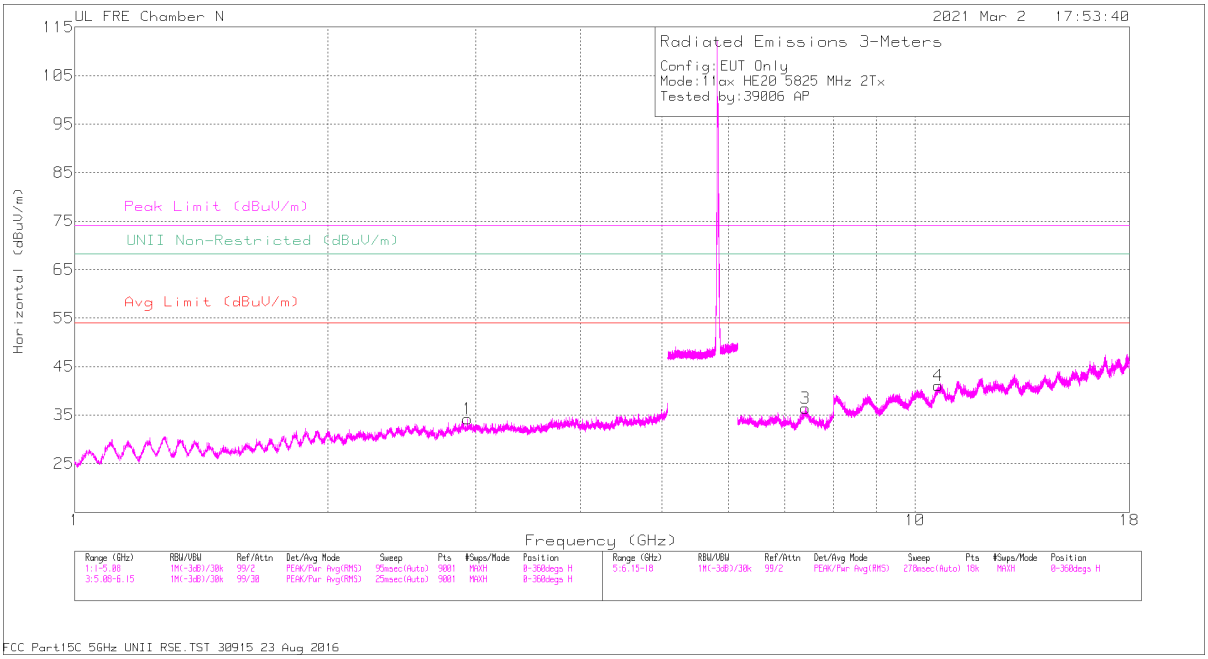
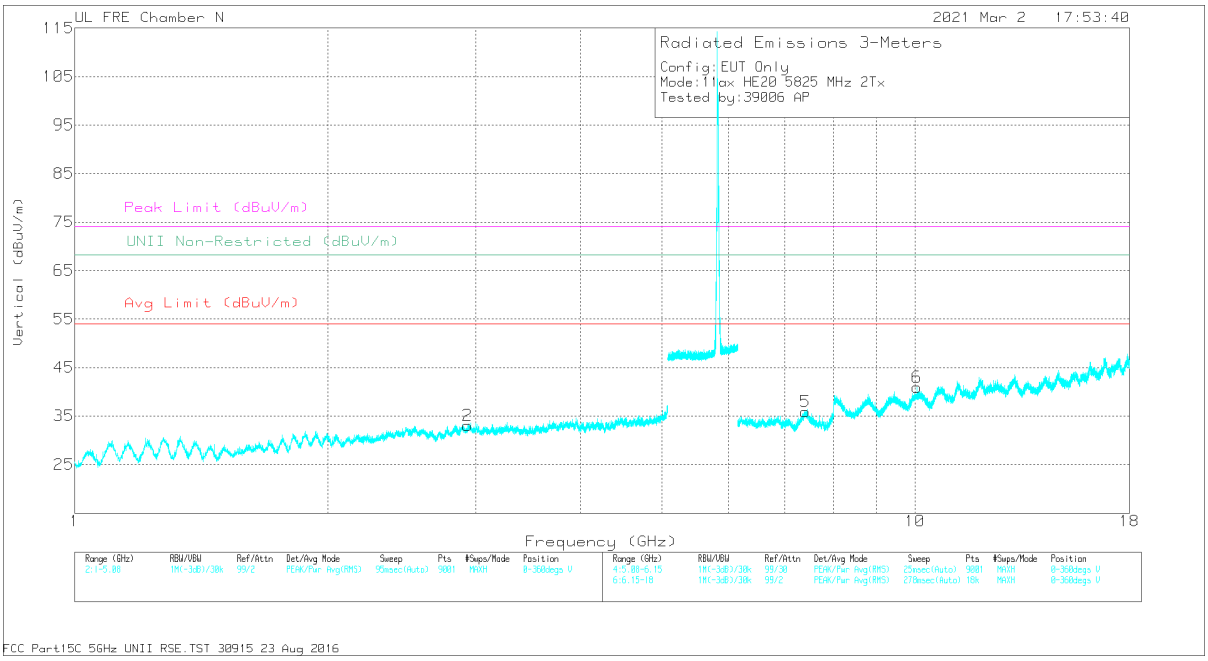
# HIGH CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 7.40717 | 52.58 | PK-U | 35.7 | -40.1 | 48.18 | - | - | 74 | -25.82 | - | - | 274 | 166 | H |
| | * 7.40595 | 41.03 | ADR | 35.7 | -40.1 | 36.63 | 54 | -17.37 | - | - | - | - | 274 | 166 | H |
| 4 | * 10.66845 | 52.65 | PK-U | 37.7 | -39.9 | 50.45 | - | - | 74 | -23.55 | - | - | 259 | 182 | H |
| | * 10.66809 | 41 | ADR | 37.7 | -39.9 | 38.8 | 54 | -15.2 | - | - | - | - | 259 | 182 | H |
| 5 | * 7.40164 | 52.34 | PK-U | 35.7 | -40 | 48.04 | - | - | 74 | -25.96 | - | - | 215 | 261 | V |
| | * 7.39952 | 40.67 | ADR | 35.7 | -39.9 | 36.47 | 54 | -17.53 | - | - | - | - | 215 | 261 | V |
| 2 | 2.93197 | 55.08 | PK-U | 32.5 | -44.4 | 43.18 | - | - | - | - | 68.2 | -25.02 | 302 | 142 | V |
| 1 | 2.9364 | 55.01 | PK-U | 32.5 | -44.3 | 43.21 | - | - | - | - | 68.2 | -24.99 | 274 | 155 | H |
| 6 | 10.06085 | 52.88 | PK-U | 37.2 | -39.8 | 50.28 | - | - | - | - | 68.2 | -17.92 | 243 | 313 | 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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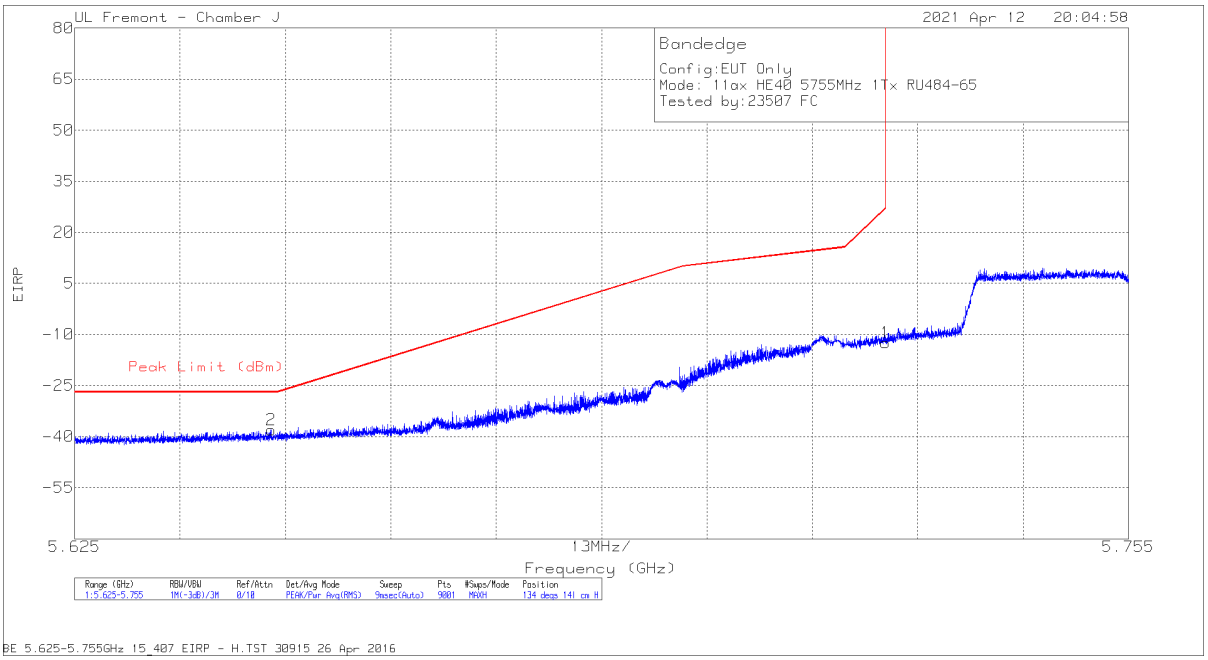
## 1.1.23. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND

**1TX ANTENNA 6 – 484 Tones, RU Index 65**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -39.3 | Pk | 35 | -19.9 | 11.8 | 0 | -12.4 | 26.99 | -39.39 | 134 | 141 | H |
| 2 | 5.64927 | -64.62 | Pk | 34.9 | -20.1 | 11.8 | 0 | -38.02 | -27 | -11.02 | 134 | 141 | H |

Pk - Peak detector



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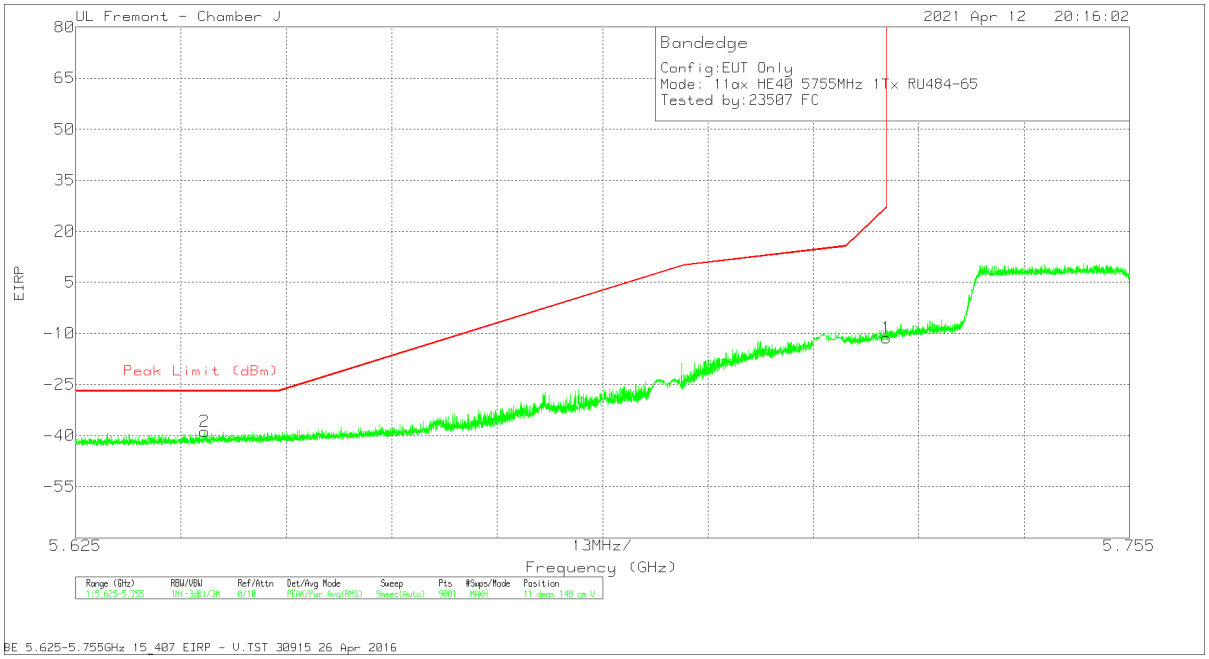
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.16 | Pk | 35 | -19.9 | 11.8 | 0 | -11.26 | 26.99 | -38.25 | 11 | 148 | V |
| 2 | 5.6409 | -65.56 | Pk | 35 | -20 | 11.8 | 0 | -38.76 | -27 | -11.76 | 11 | 148 | V |

Pk - Peak detector



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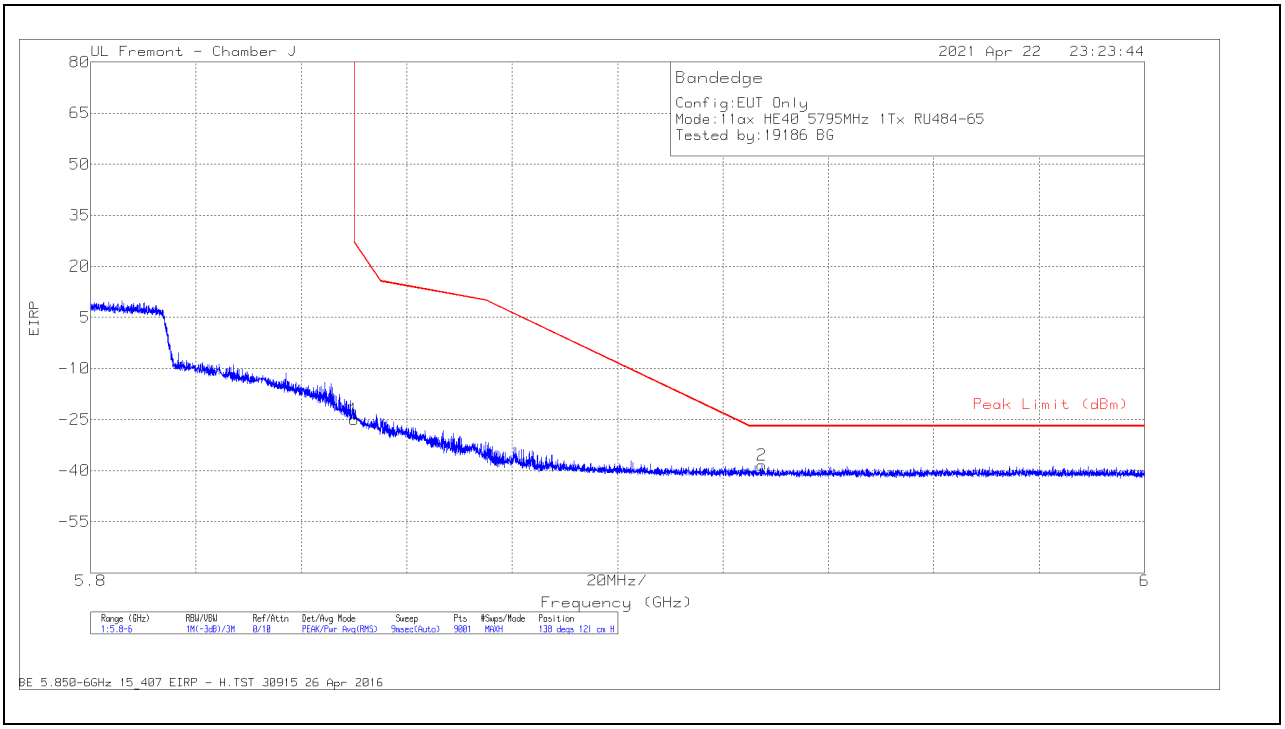
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -52.59 | Pk | 35.2 | -19.4 | 11.8 | 0 | -24.99 | 26.95 | -51.94 | 138 | 121 | H |
| 2 | 5.9274 | -66.18 | Pk | 35.3 | -19.3 | 11.8 | 0 | -38.38 | -27 | -11.38 | 138 | 121 | H |

Pk - Peak detector



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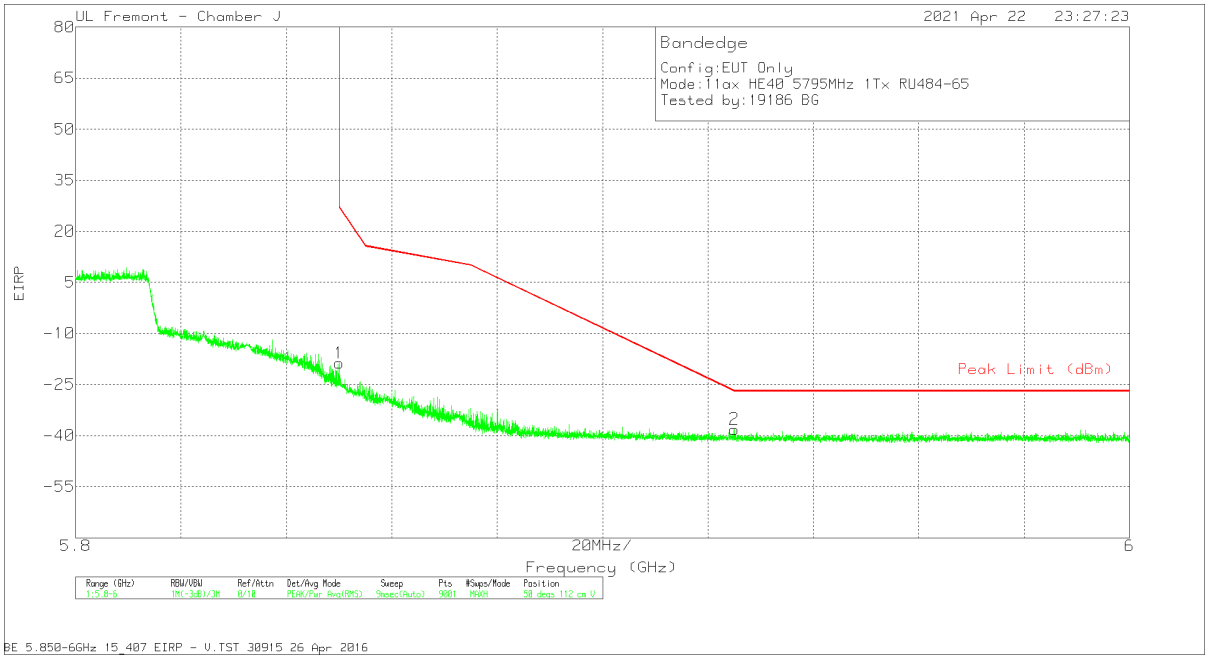
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -46.34 | Pk | 35.2 | -19.4 | 11.8 | 0 | -18.74 | 26.95 | -45.69 | 50 | 112 | V |
| 2 | 5.92495 | -65.93 | Pk | 35.3 | -19.3 | 11.8 | 0 | -38.13 | -26.97 | -11.16 | 50 | 112 | V |

Pk - Peak detector



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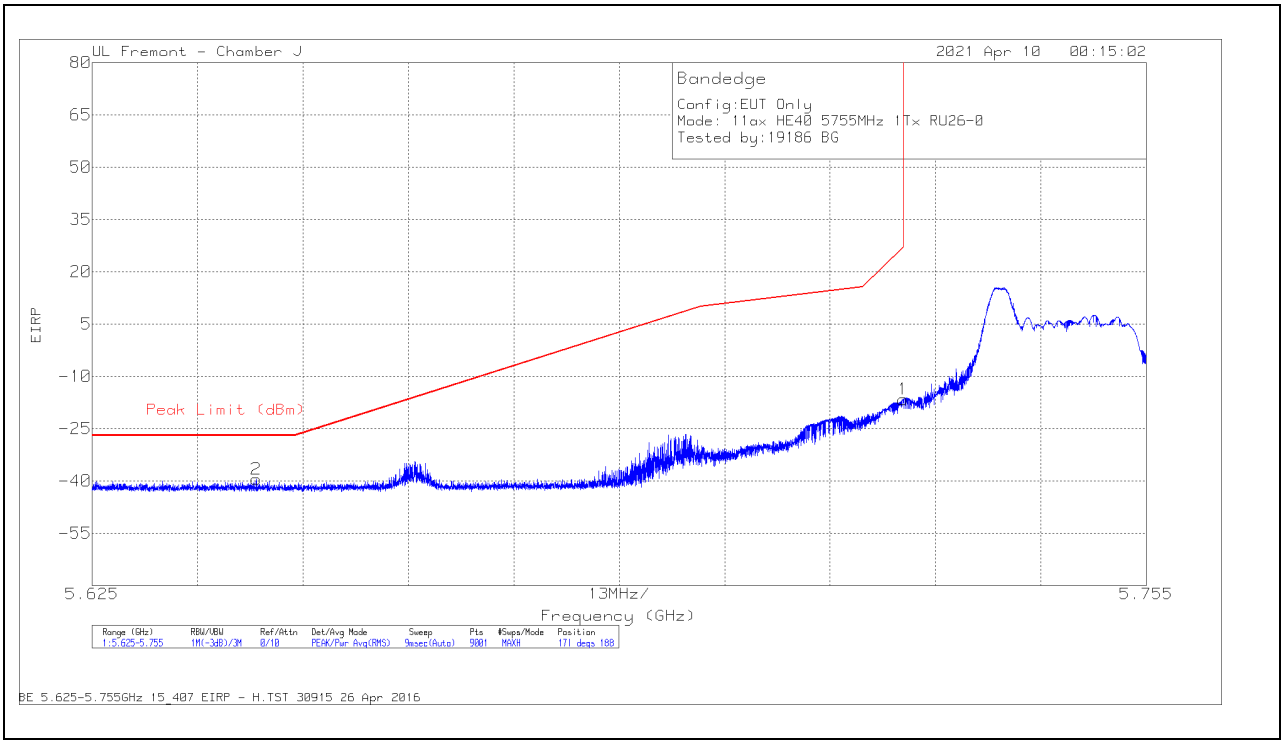
**1TX ANTENNA 6 – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -43.51 | Pk | 35 | -19.9 | 11.8 | -16.61 | 26.99 | -43.6 | 171 | 188 | H |
| 2 | 5.64524 | -66.28 | Pk | 35 | -20 | 11.8 | -39.48 | -27 | -12.48 | 171 | 188 | H |

Pk - Peak detector



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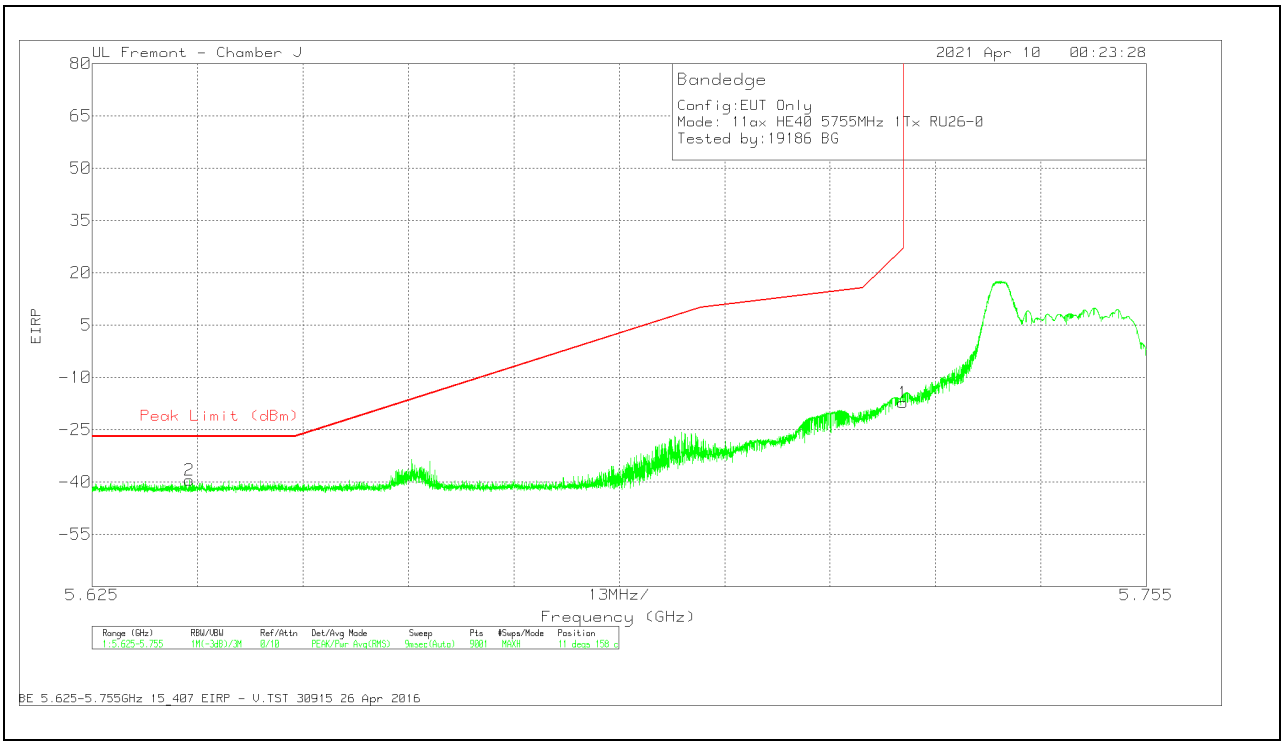
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -44.2 | Pk | 35 | -19.9 | 11.8 | -17.3 | 26.99 | -44.29 | 11 | 158 | V |
| 2 | 5.63697 | -66.19 | Pk | 34.9 | -20 | 11.8 | -39.49 | -27 | -12.49 | 11 | 158 | V |

Pk - Peak detector



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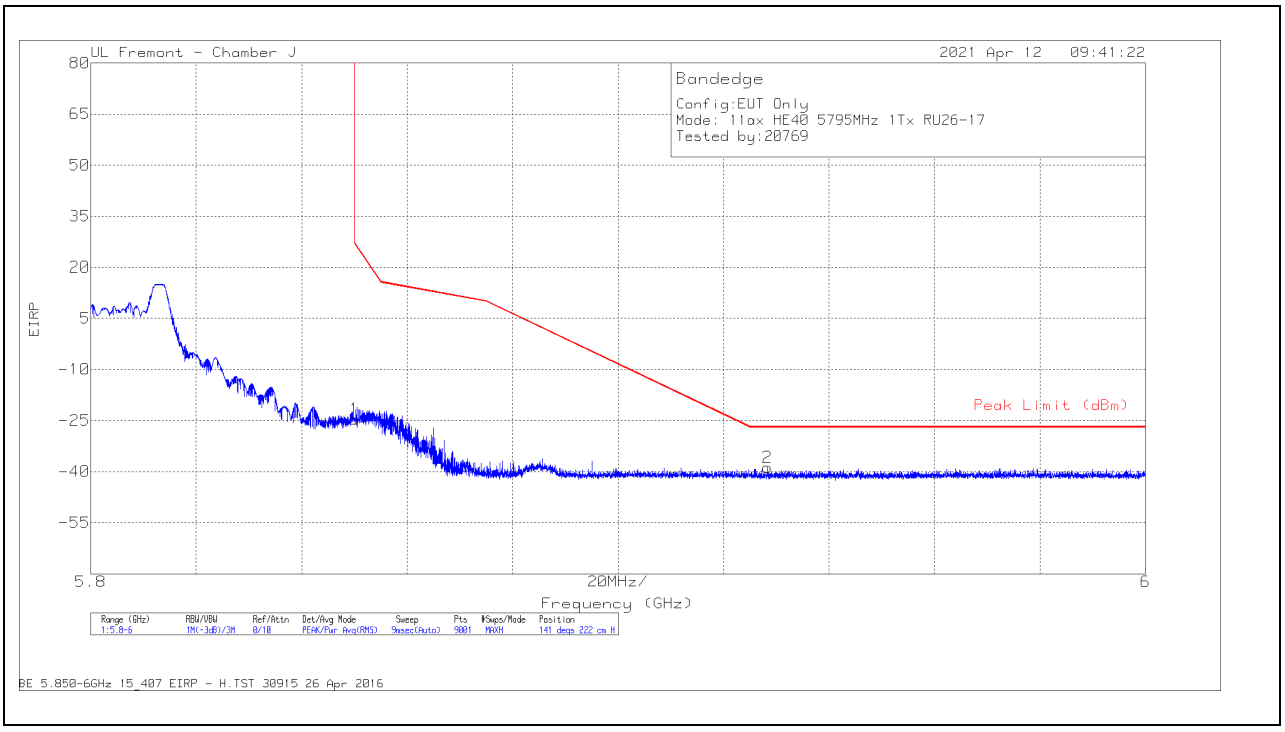
**1TX ANTENNA 6 – 26 Tones, RU Index 17**

## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -52.27 | Pk | 35.2 | -19.4 | 11.8 | -24.67 | 26.95 | -51.62 | 141 | 222 | H |
| 2 | 5.92831 | -66.58 | Pk | 35.3 | -19.3 | 11.8 | -38.78 | -27 | -11.78 | 141 | 222 | H |

Pk - Peak detector



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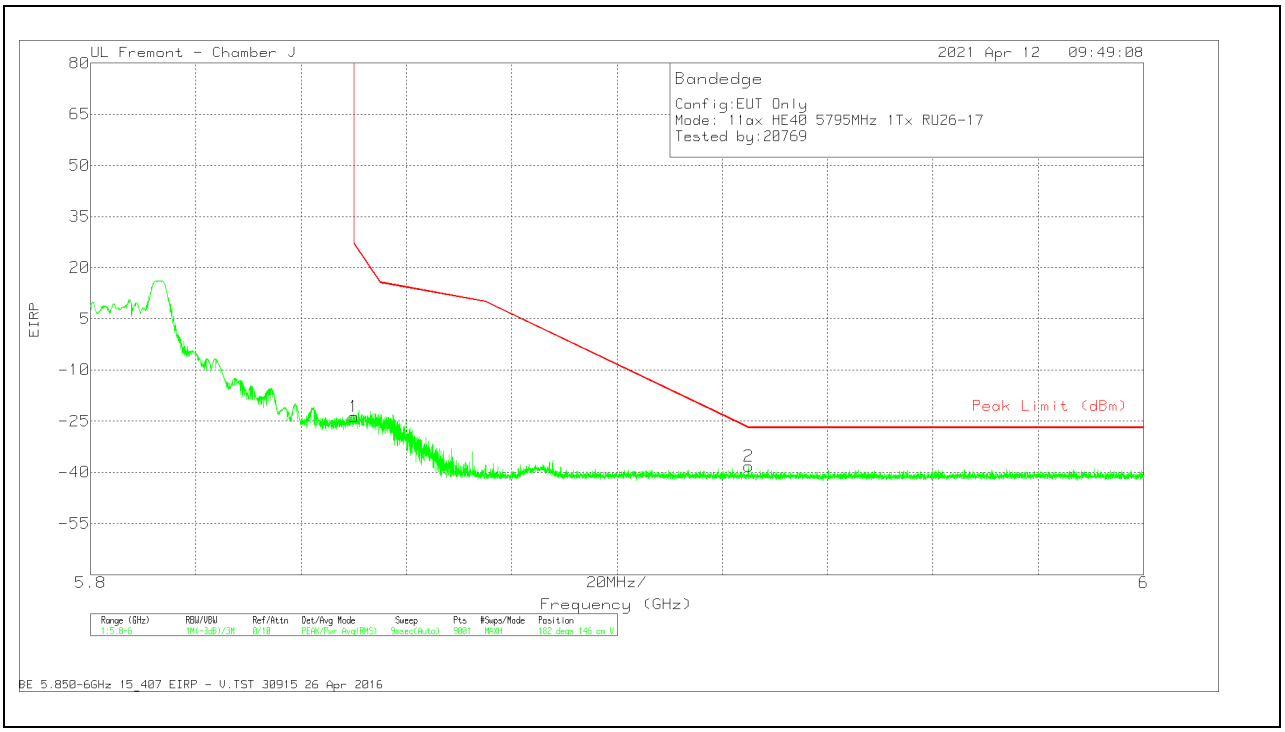
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -51.34 | Pk | 35.2 | -19.4 | 11.8 | -23.74 | 26.95 | -50.69 | 182 | 146 | V |
| 2 | 5.92498 | -66.1 | Pk | 35.3 | -19.3 | 11.8 | -38.3 | -26.98 | -11.32 | 182 | 146 | V |

Pk - Peak detector



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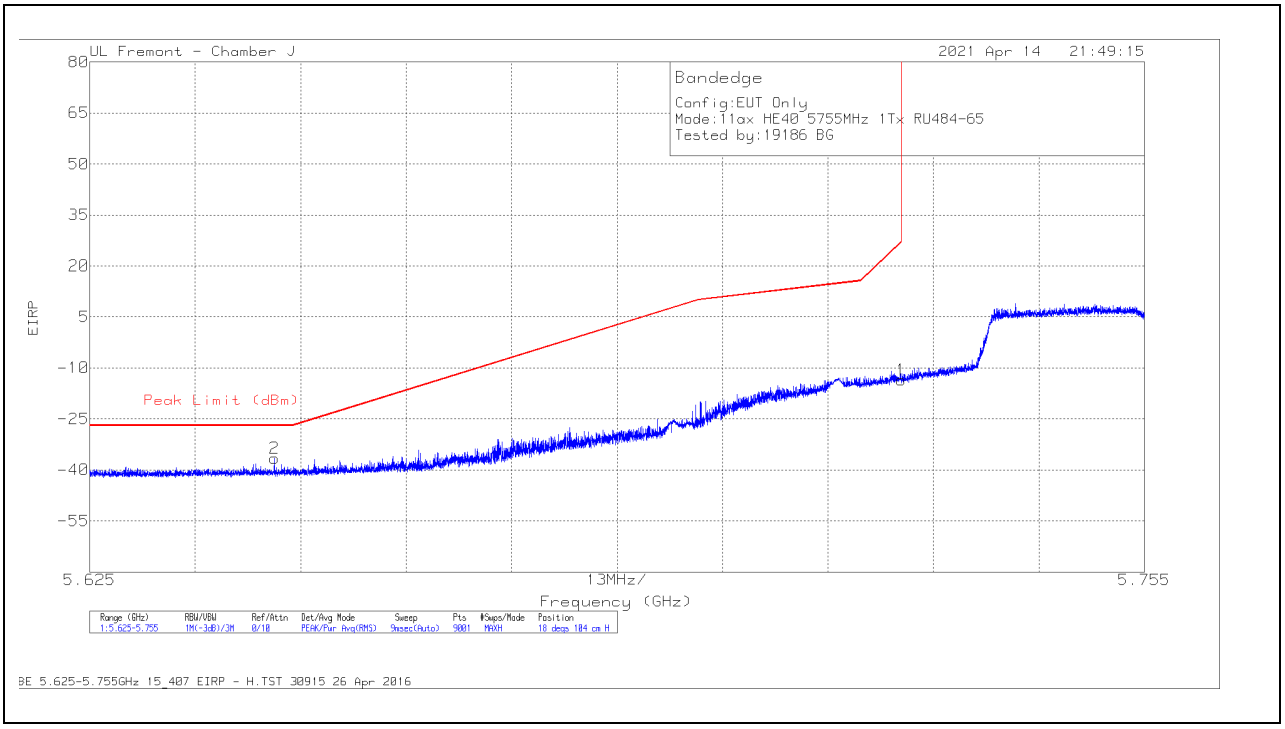
**1TX ANTENNA 5 – 484 Tones, RU Index 65**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -40.39 | Pk | 35 | -19.9 | 11.8 | -13.49 | 26.99 | -40.48 | 18 | 104 | H |
| 2 | 5.64775 | -63.25 | Pk | 34.9 | -20 | 11.8 | -36.55 | -27 | -9.55 | 18 | 104 | H |

Pk - Peak detector



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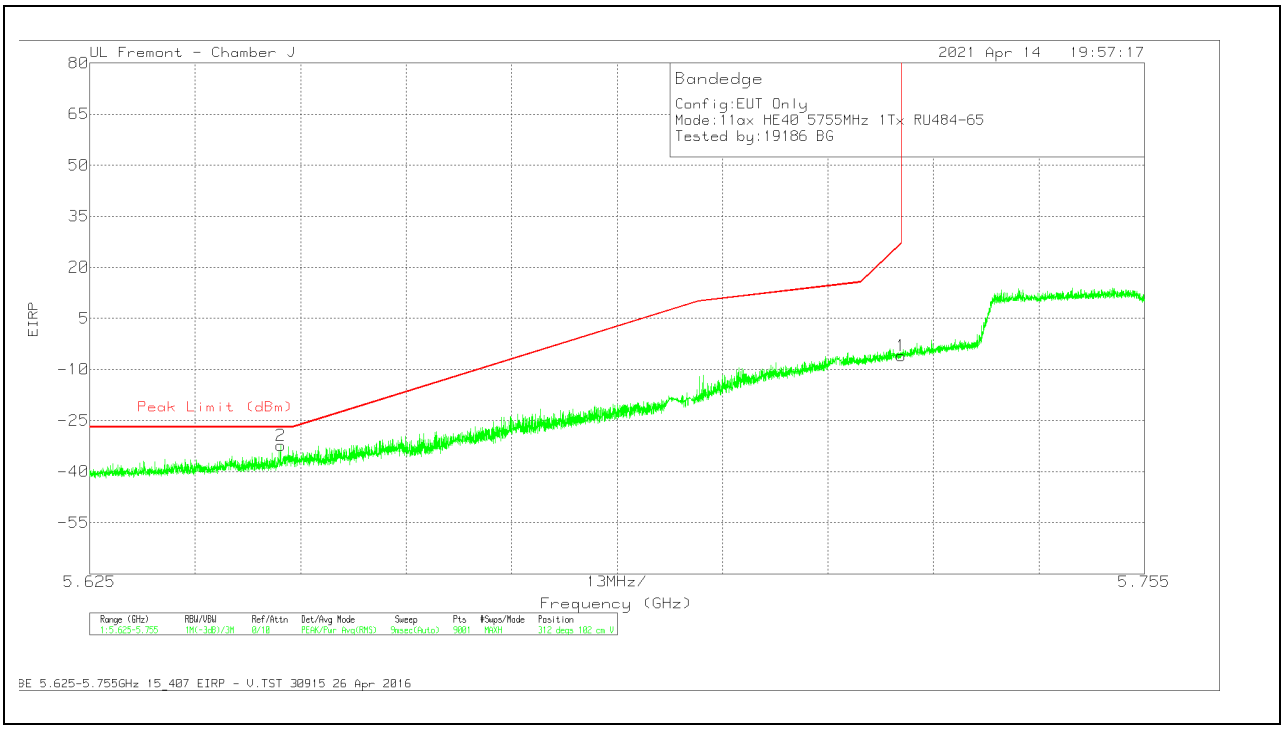
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -32.96 | Pk | 35 | -19.9 | 11.8 | -6.06 | 26.99 | -33.05 | 312 | 102 | V |
| 2 | 5.64851 | -59.08 | Pk | 34.9 | -20 | 11.8 | -32.38 | -27 | -5.38 | 312 | 102 | V |

Pk - Peak detector



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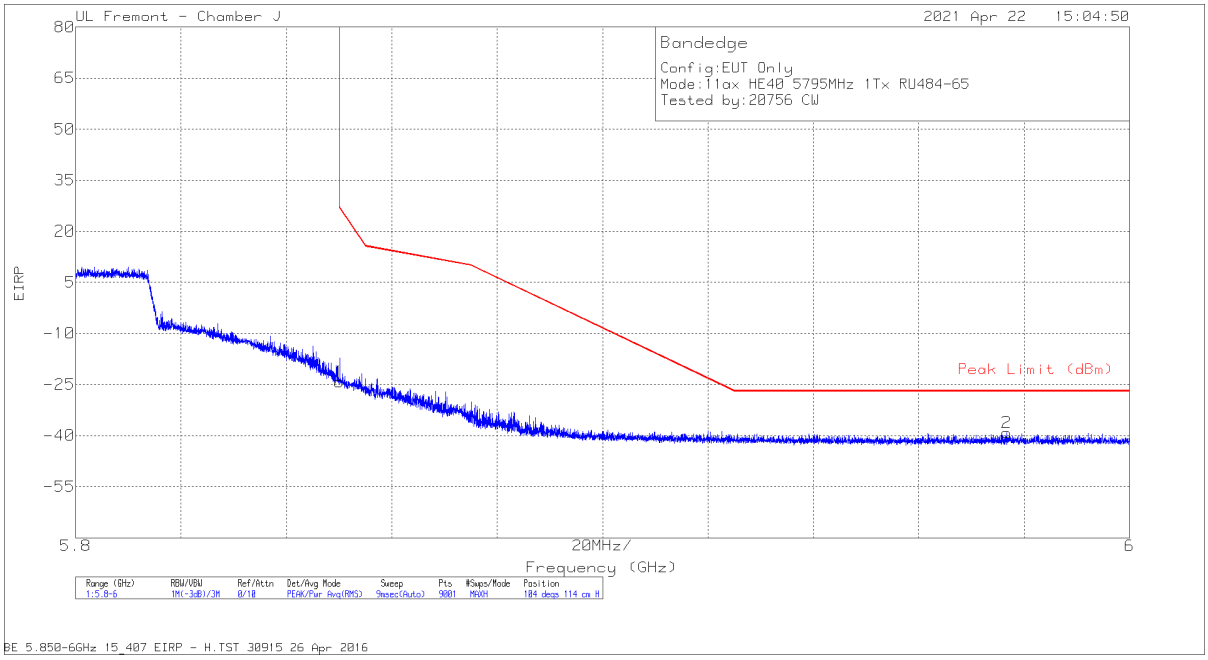
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -51.8 | Pk | 35.2 | -19.4 | 11.8 | -24.2 | 26.95 | -51.15 | 104 | 114 | H |
| 2 | 5.97666 | -67.12 | Pk | 35.4 | -19.2 | 11.8 | -39.12 | -27 | -12.12 | 104 | 114 | H |

Pk - Peak detector



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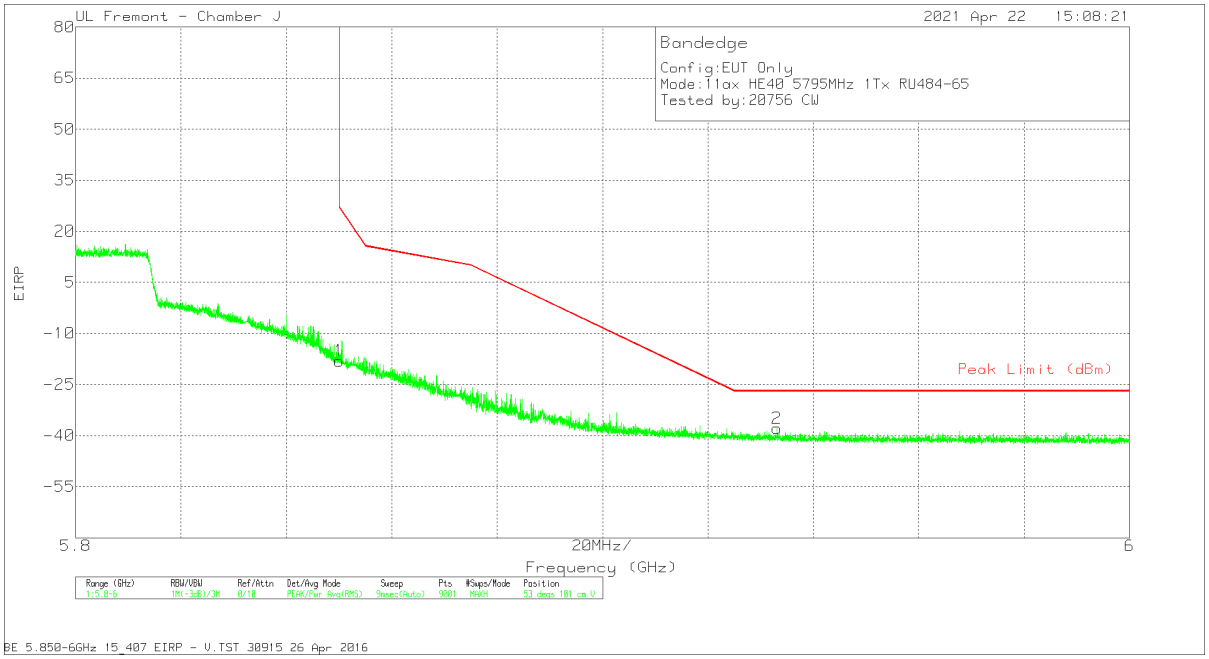
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -45.64 | Pk | 35.2 | -19.4 | 11.8 | -18.04 | 26.95 | -44.99 | 53 | 101 | V |
| 2 | 5.93311 | -65.73 | Pk | 35.3 | -19.3 | 11.8 | -37.93 | -27 | -10.93 | 53 | 101 | V |

Pk - Peak detector



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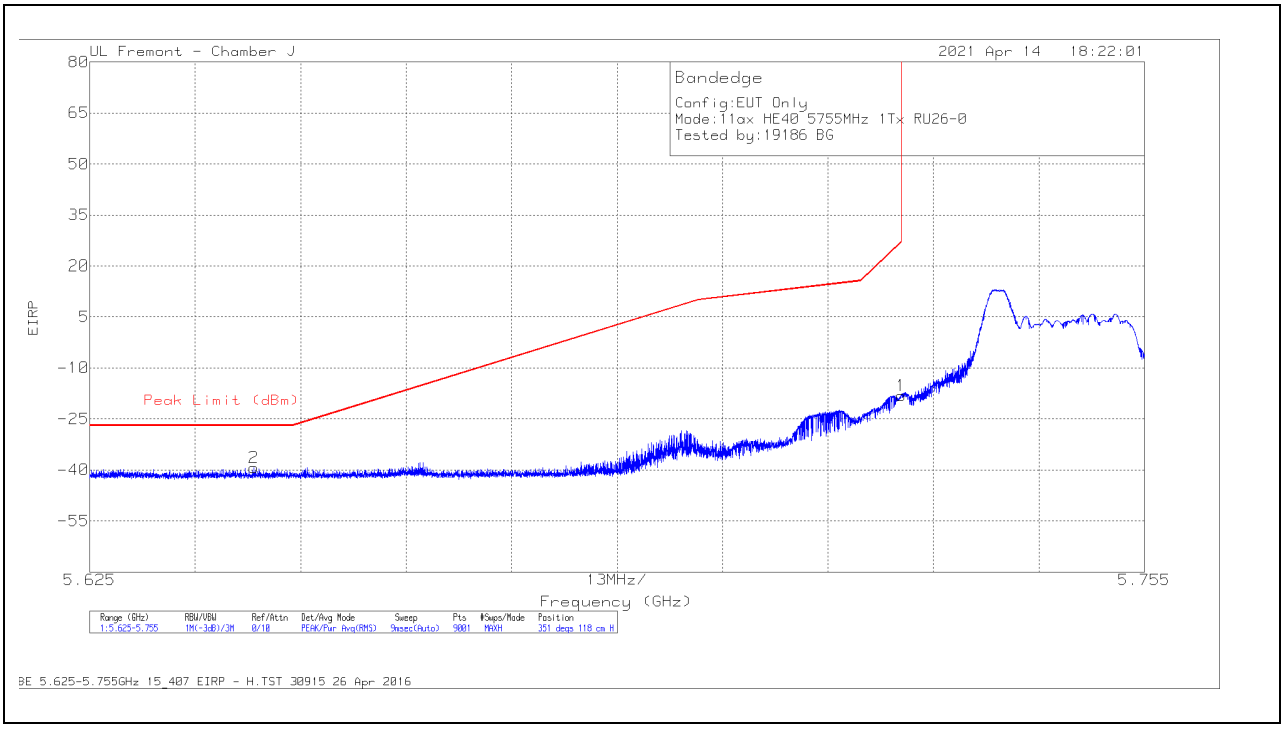
**1TX ANTENNA 5 – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -44.97 | Pk | 35 | -19.9 | 11.8 | -18.07 | 26.99 | -45.06 | 351 | 118 | H |
| 2 | 5.64525 | -66.11 | Pk | 35 | -20 | 11.8 | -39.31 | -27 | -12.31 | 351 | 118 | H |

Pk - Peak detector



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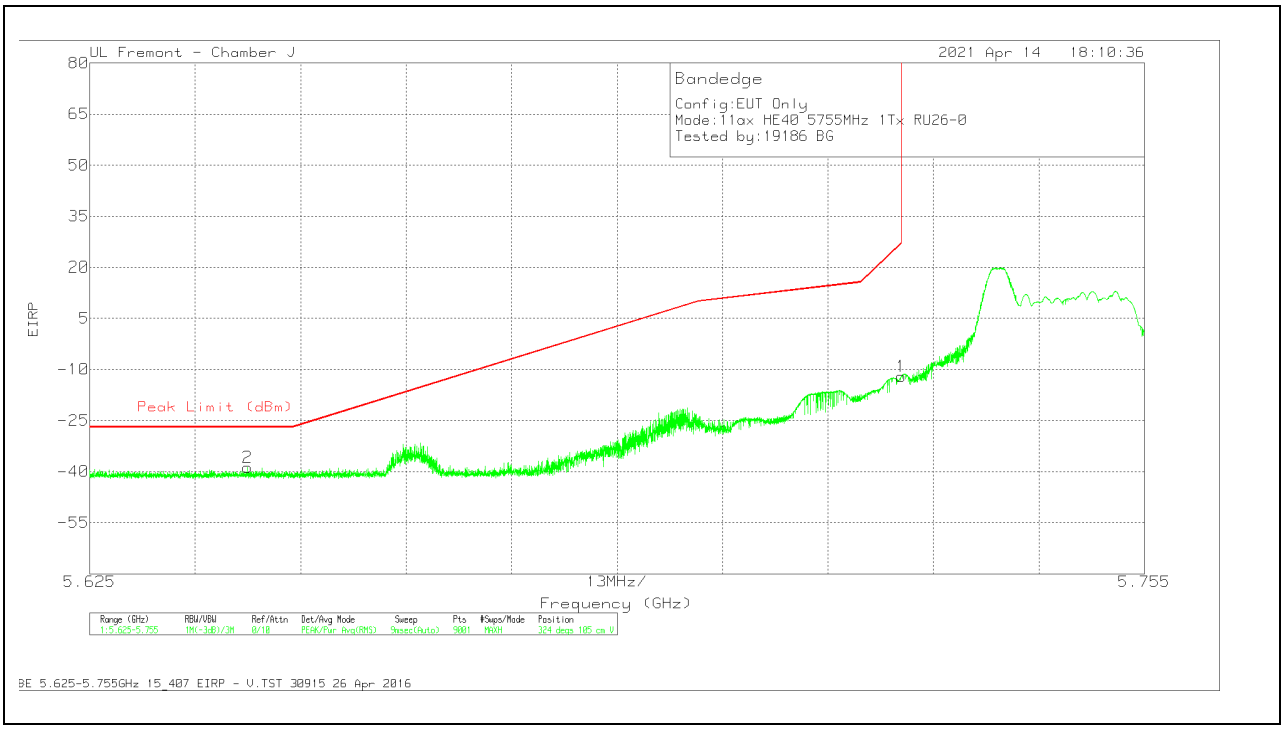
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.98 | Pk | 35 | -19.9 | 11.8 | -12.08 | 26.99 | -39.07 | 324 | 105 | V |
| 2 | 5.64446 | -65.53 | Pk | 35 | -20 | 11.8 | -38.73 | -27 | -11.73 | 324 | 105 | V |

Pk - Peak detector



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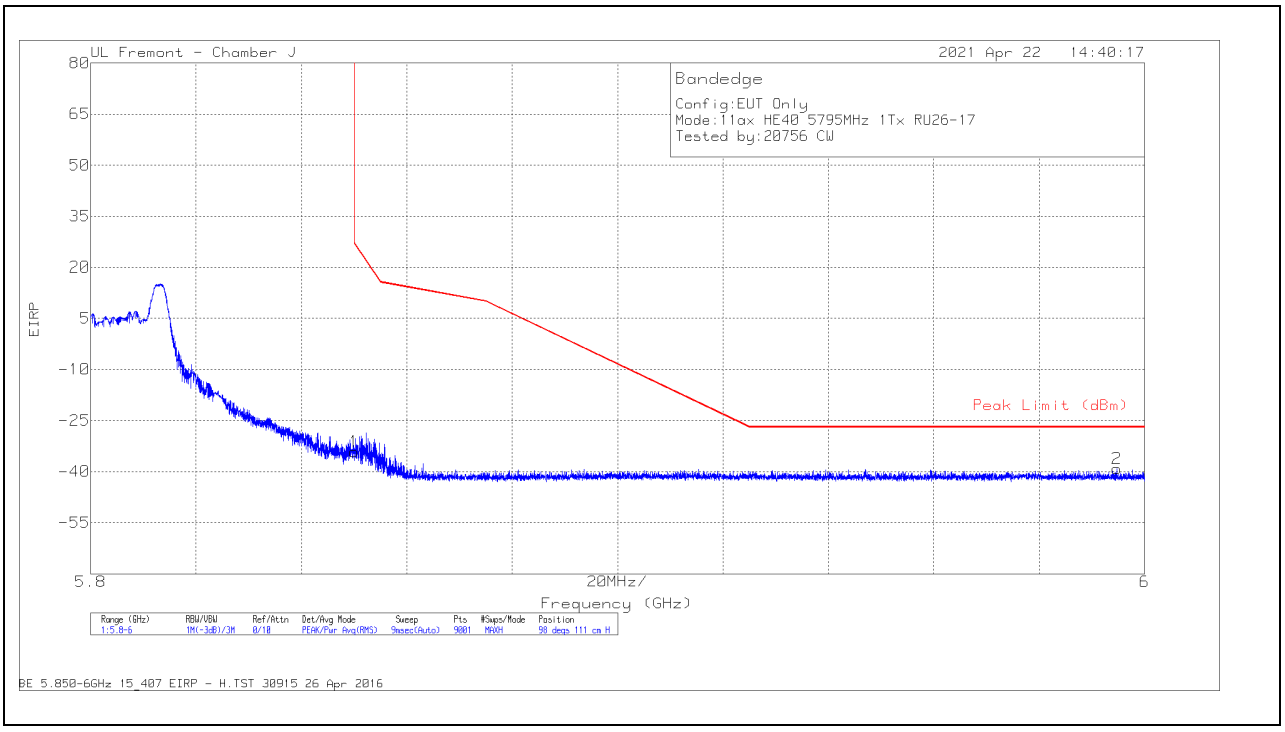
**1TX ANTENNA 5 – 26 Tones, RU Index 17**

## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -61.74 | Pk | 35.2 | -19.4 | 11.8 | -34.14 | 26.95 | -61.09 | 98 | 111 | H |
| 2 | 5.99478 | -67.19 | Pk | 35.3 | -19.1 | 11.8 | -39.19 | -27 | -12.19 | 98 | 111 | H |

Pk - Peak detector



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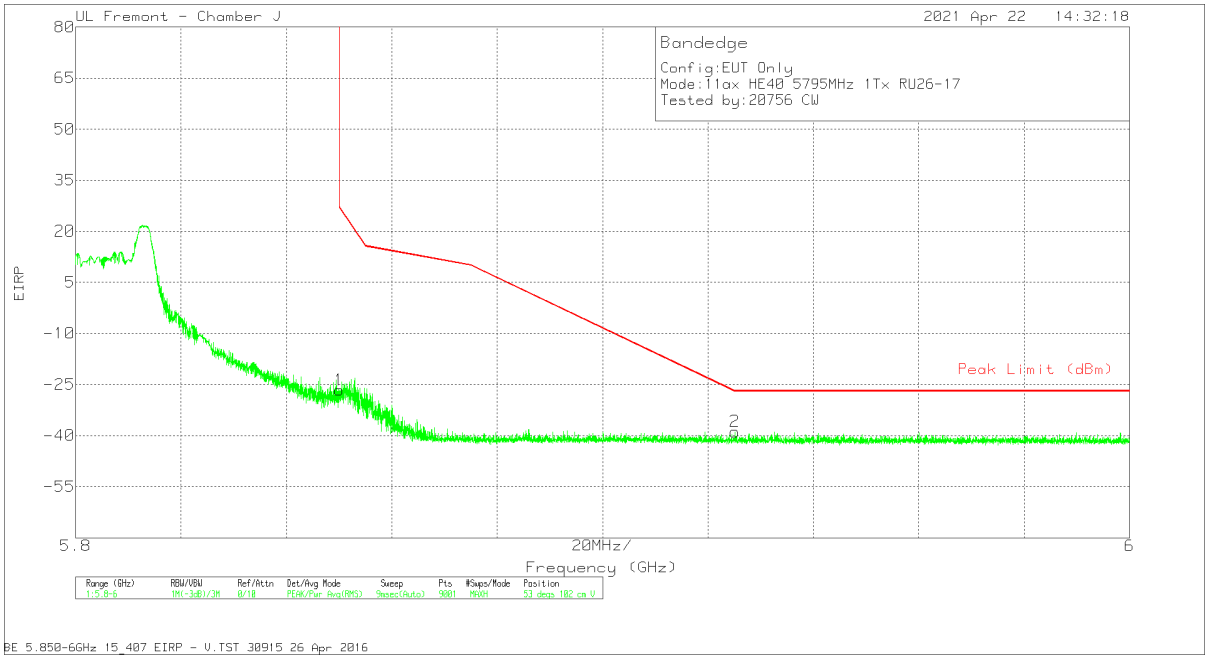
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -54.22 | Pk | 35.2 | -19.4 | 11.8 | -26.62 | 26.95 | -53.57 | 53 | 102 | V |
| 2 | 5.92515 | -66.66 | Pk | 35.3 | -19.3 | 11.8 | -38.86 | -27 | -11.86 | 53 | 102 | V |

Pk - Peak detector



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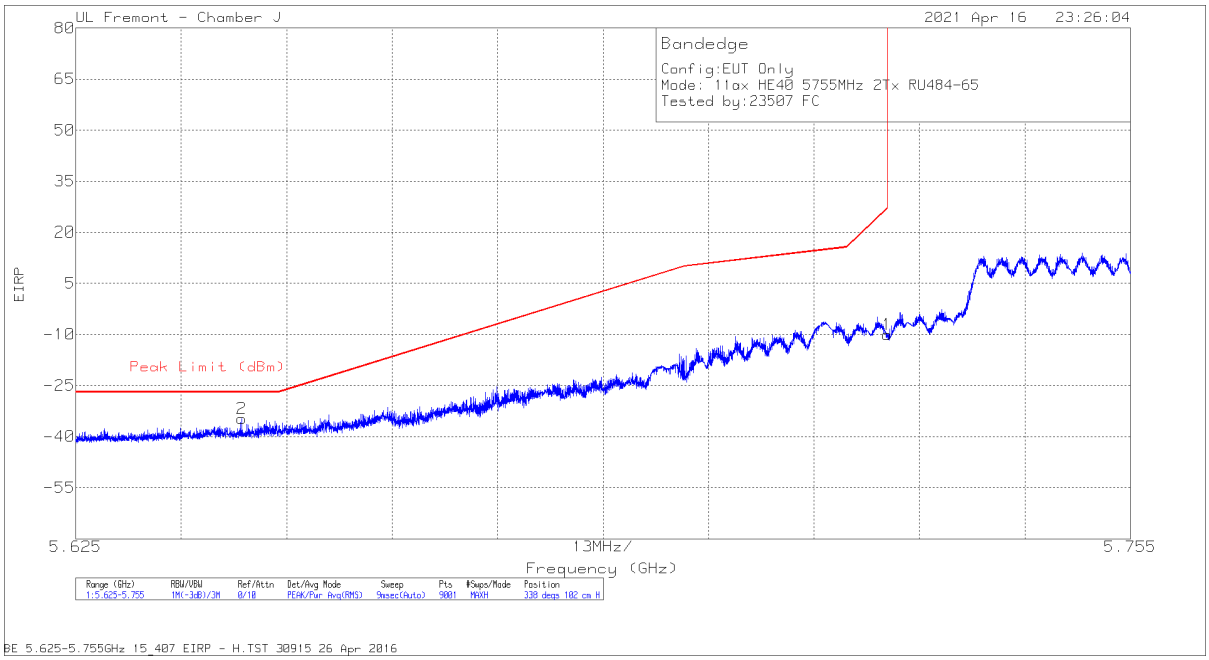
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 484 Tones, RU Index 65**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -36.97 | Pk | 35 | -19.9 | 11.8 | -10.07 | 26.99 | -37.06 | 338 | 102 | H |
| 2 | 5.64548 | -61.55 | Pk | 35 | -20 | 11.8 | -34.75 | -27 | -7.75 | 338 | 102 | H |

Pk - Peak detector



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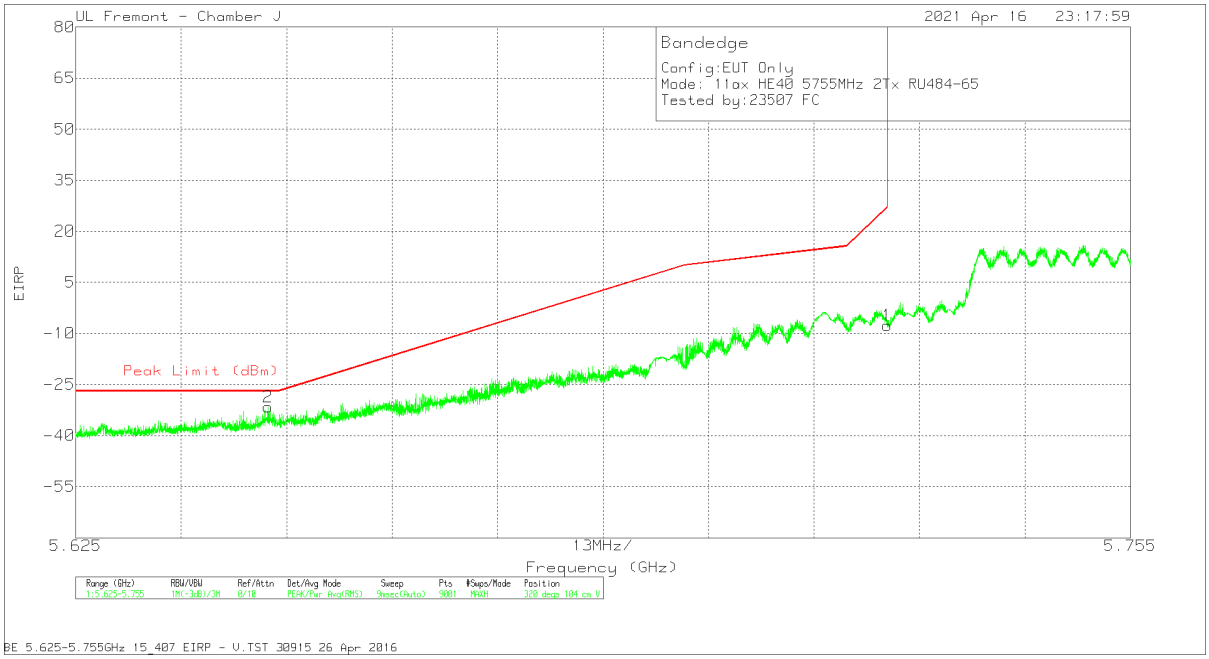
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -34.47 | Pk | 35 | -19.9 | 11.8 | -7.57 | 26.99 | -34.56 | 320 | 104 | V |
| 2 | 5.6487 | -58.26 | Pk | 34.9 | -20 | 11.8 | -31.56 | -27 | -4.56 | 320 | 104 | V |

Pk - Peak detector



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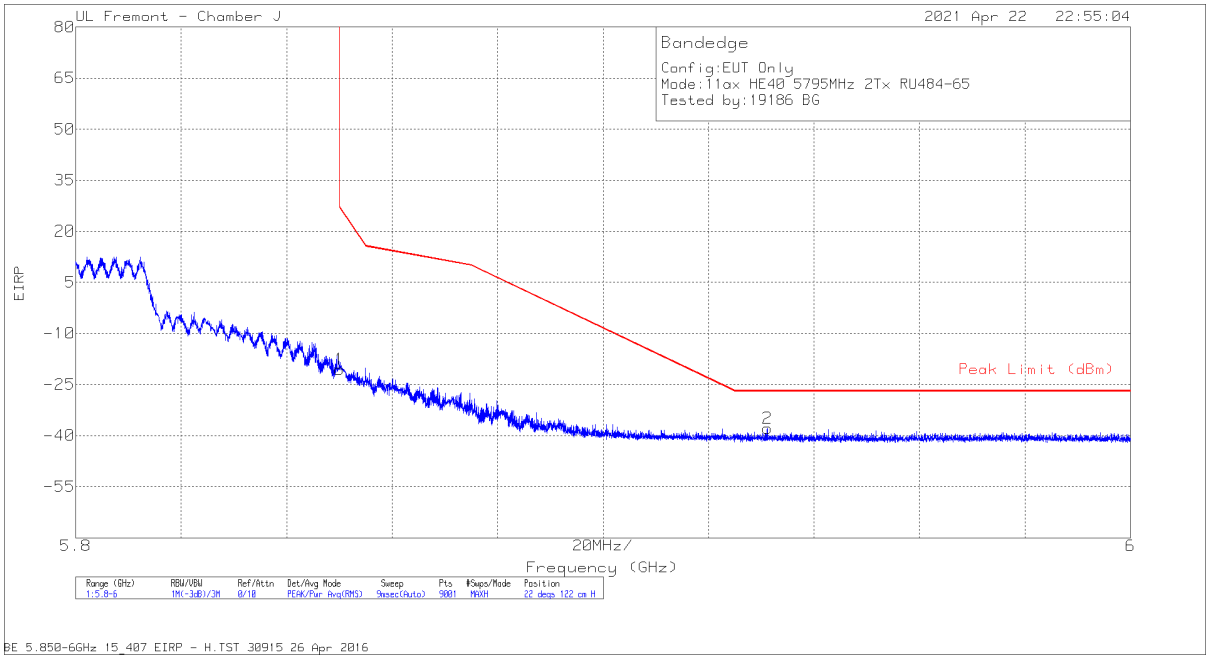
## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -48.12 | Pk | 35.2 | -19.4 | 11.8 | -20.52 | 26.95 | -47.47 | 22 | 122 | H |
| 2 | 5.93113 | -65.67 | Pk | 35.3 | -19.3 | 11.8 | -37.87 | -27 | -10.87 | 22 | 122 | H |

Pk - Peak detector



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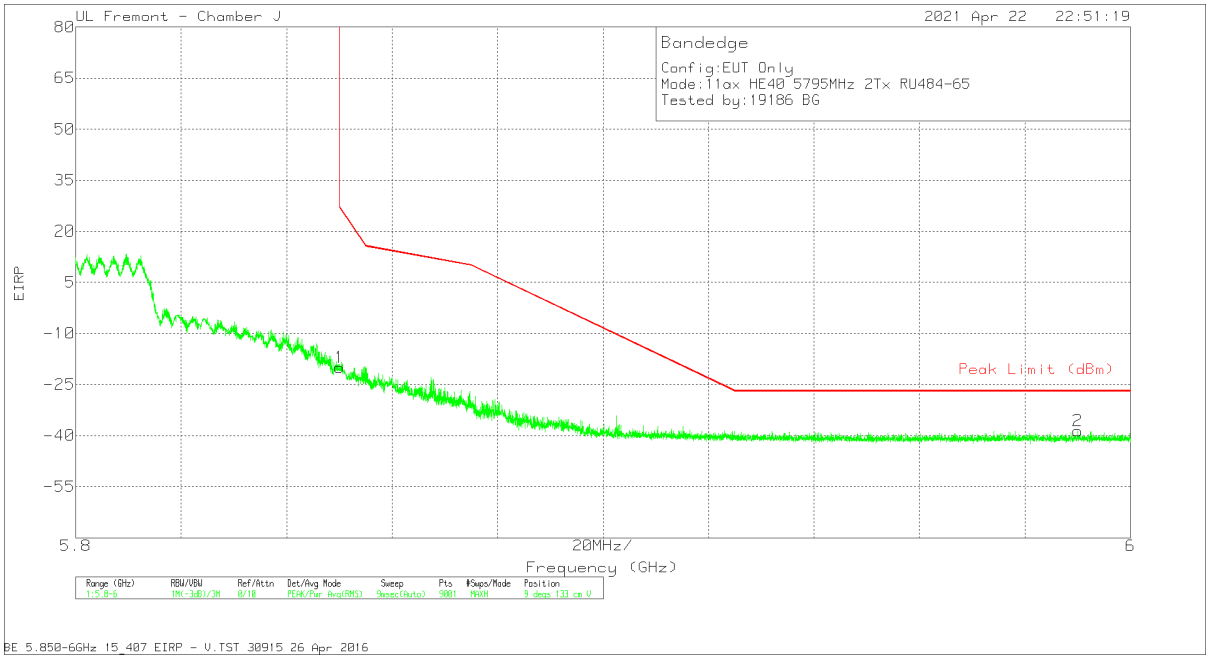
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -47.66 | Pk | 35.2 | -19.4 | 11.8 | -20.06 | 26.95 | -47.01 | 9 | 133 | V |
| 2 | 5.99004 | -66.64 | Pk | 35.3 | -19.1 | 11.8 | -38.64 | -27 | -11.64 | 9 | 133 | V |

Pk - Peak detector



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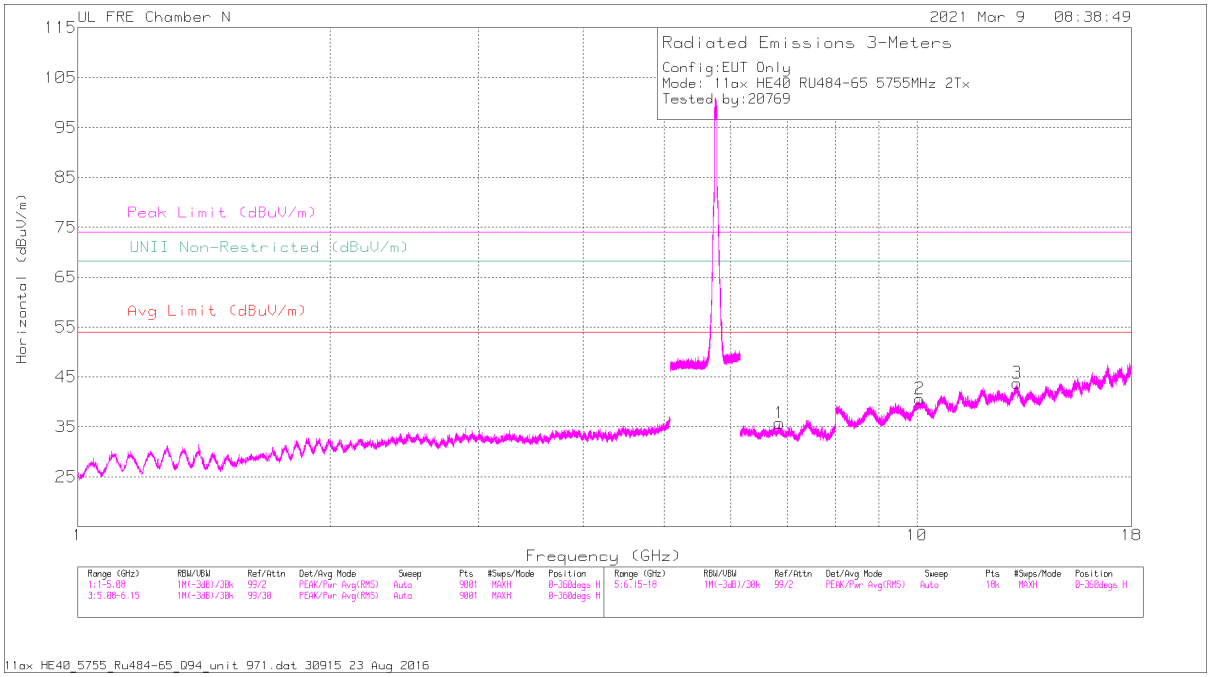
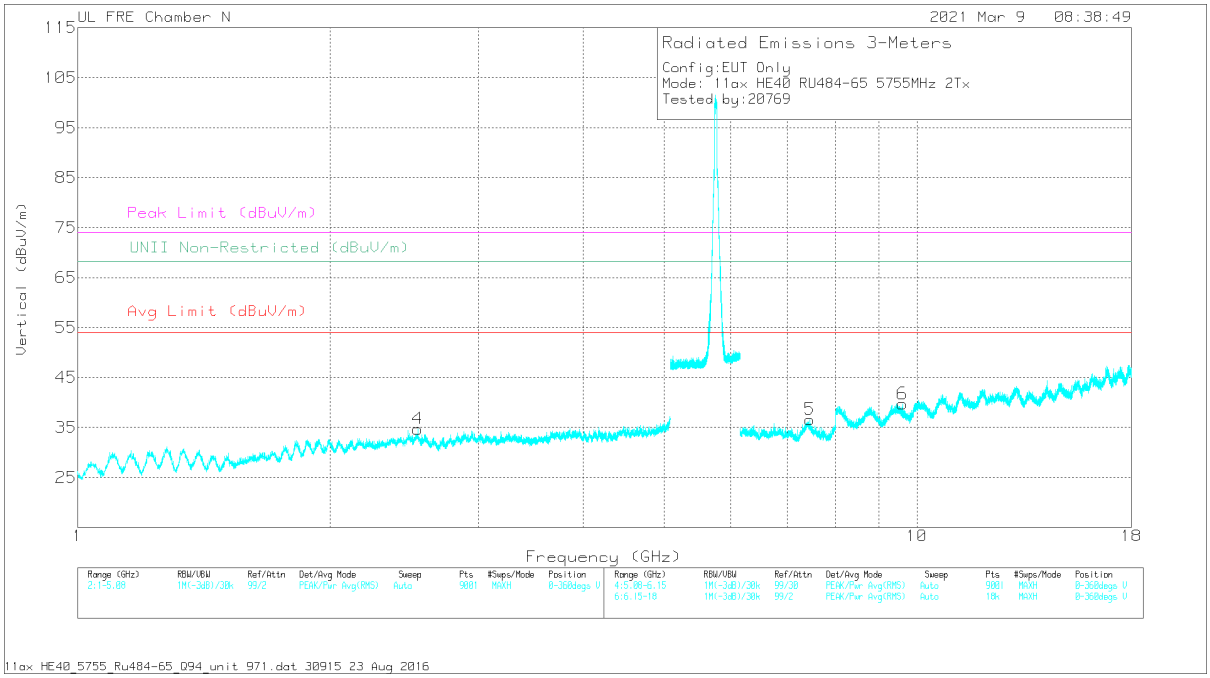
## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | * 7.45025 | 53.29 | PK-U | 35.8 | -40.6 | 48.49 | - | - | 74 | -25.51 | - | - | 55 | 373 | V |
| | * 7.45001 | 40.77 | ADR | 35.8 | -40.6 | 35.97 | 54 | -18.03 | - | - | - | - | 55 | 373 | V |
| 4 | 2.54102 | 56.34 | PK-U | 32.6 | -45.3 | 43.64 | - | - | - | - | 68.2 | -24.56 | 31 | 383 | V |
| 1 | 6.855 | 52.4 | PK-U | 35.6 | -40.9 | 47.1 | - | - | - | - | 68.2 | -21.1 | 41 | 258 | H |
| 6 | 9.6066 | 51.27 | PK-U | 36.8 | -39.8 | 48.27 | - | - | - | - | 68.2 | -19.93 | 45 | 172 | V |
| 2 | 10.07281 | 52.35 | PK-U | 37.2 | -39.9 | 49.65 | - | - | - | - | 68.2 | -18.55 | 54 | 272 | H |
| 3 | 13.16004 | 51.47 | PK-U | 39.2 | -37.5 | 53.17 | - | - | - | - | 68.2 | -15.03 | 357 | 262 | 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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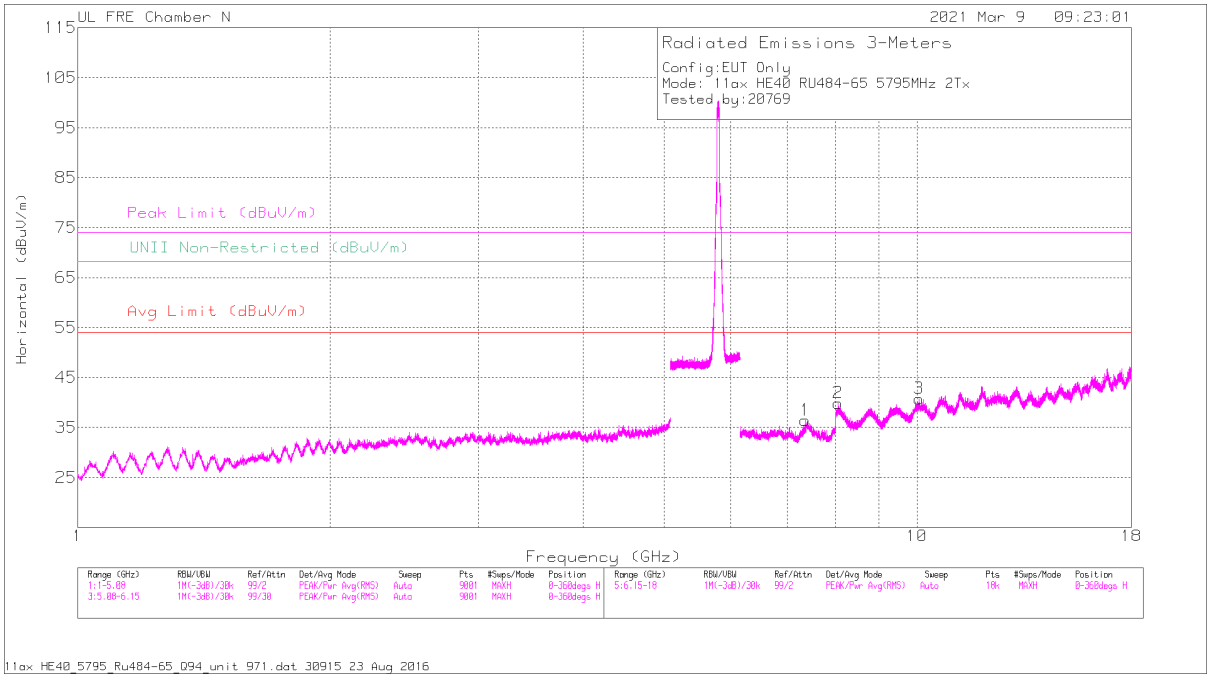
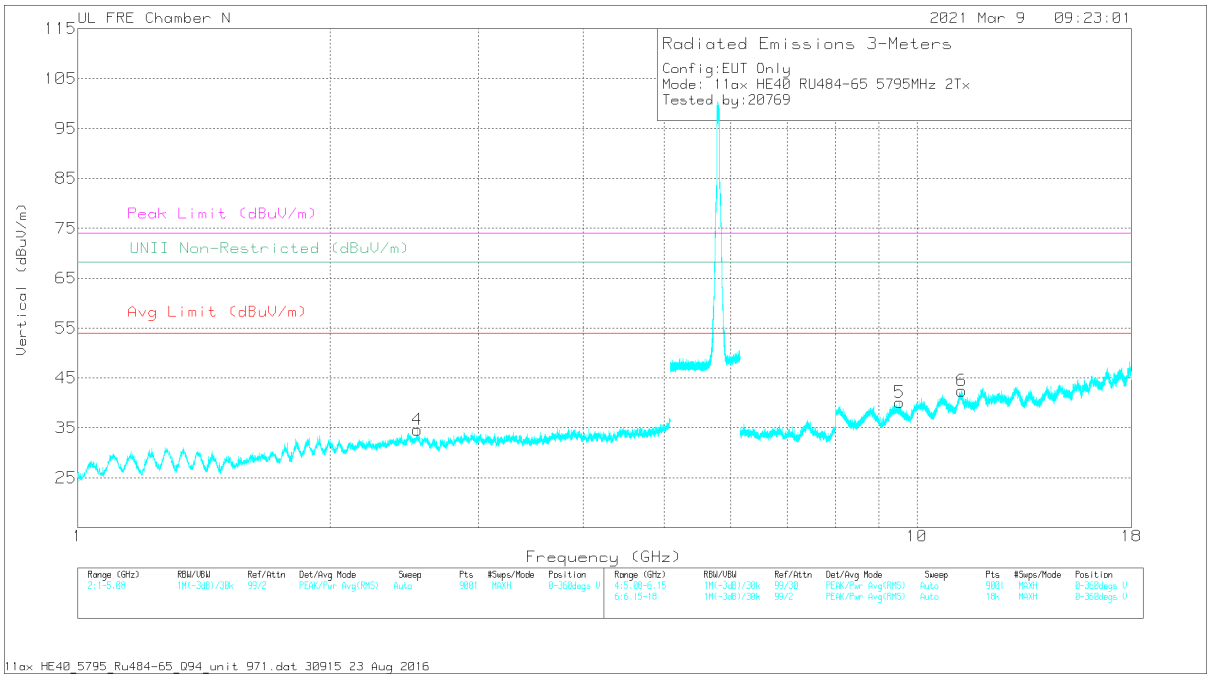
# HIGH CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | * 7.35766 | 52.18 | PK-U | 35.6 | -40.3 | 47.48 | - | - | 74 | -26.52 | - | - | 231 | 208 | H |
| | * 7.35646 | 40.49 | ADR | 35.6 | -40.3 | 35.79 | 54 | -18.21 | - | - | - | - | 231 | 208 | H |
| 2 | * 8.05586 | 53.73 | PK-U | 35.8 | -40.3 | 49.23 | - | - | 74 | -24.77 | - | - | 27 | 327 | H |
| | * 8.05674 | 41.96 | ADR | 35.7 | -40.3 | 37.36 | 54 | -16.64 | - | - | - | - | 27 | 327 | H |
| 6 | * 11.29742 | 51.96 | PK-U | 38 | -38.7 | 51.26 | - | - | 74 | -22.74 | - | - | 356 | 166 | V |
| | * 11.29815 | 40.82 | ADR | 38 | -38.7 | 40.12 | 54 | -13.88 | - | - | - | - | 356 | 166 | V |
| 4 | 2.54003 | 58.6 | PK-U | 32.6 | -45.3 | 45.9 | - | - | - | - | 68.2 | -22.3 | 12 | 390 | V |
| 5 | 9.53253 | 51.71 | PK-U | 36.8 | -39.8 | 48.71 | - | - | - | - | 68.2 | -19.49 | 69 | 148 | V |
| 3 | 10.06014 | 52.26 | PK-U | 37.2 | -39.8 | 49.66 | - | - | - | - | 68.2 | -18.54 | 214 | 303 | 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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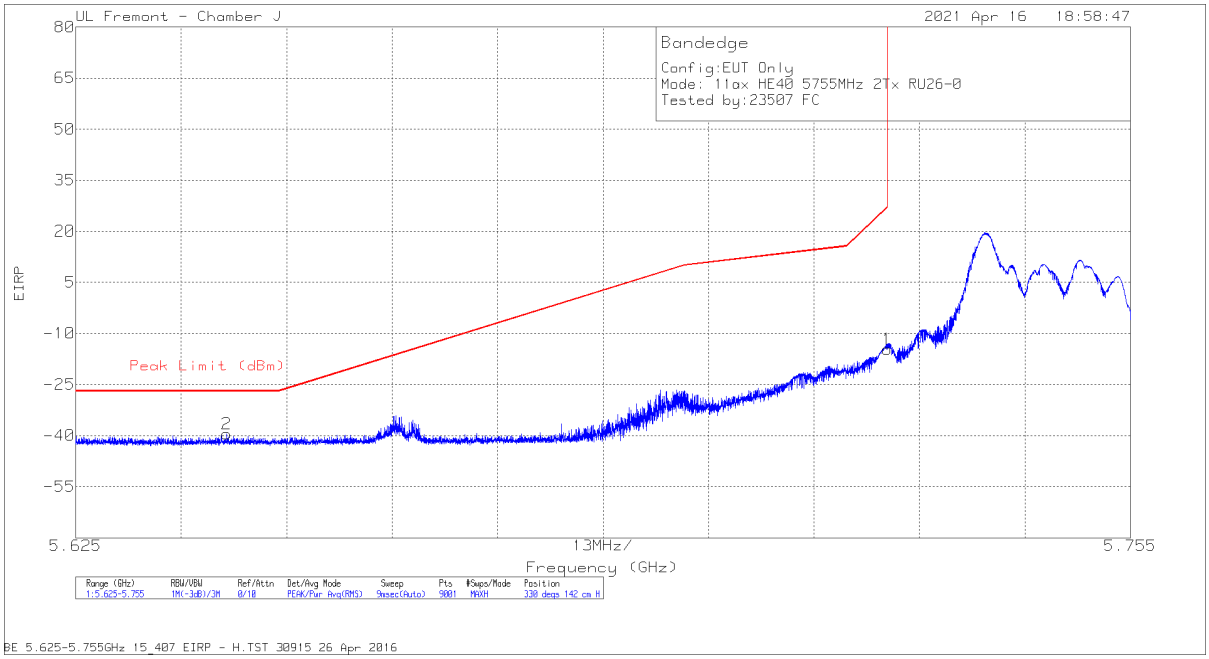
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## BANDEDGE (LOW CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -41.54 | Pk | 35 | -19.9 | 11.8 | -14.64 | 26.99 | -41.63 | 330 | 142 | H |
| 2 | 5.64362 | -66.25 | Pk | 35 | -20 | 11.8 | -39.45 | -27 | -12.45 | 330 | 142 | H |

Pk - Peak detector



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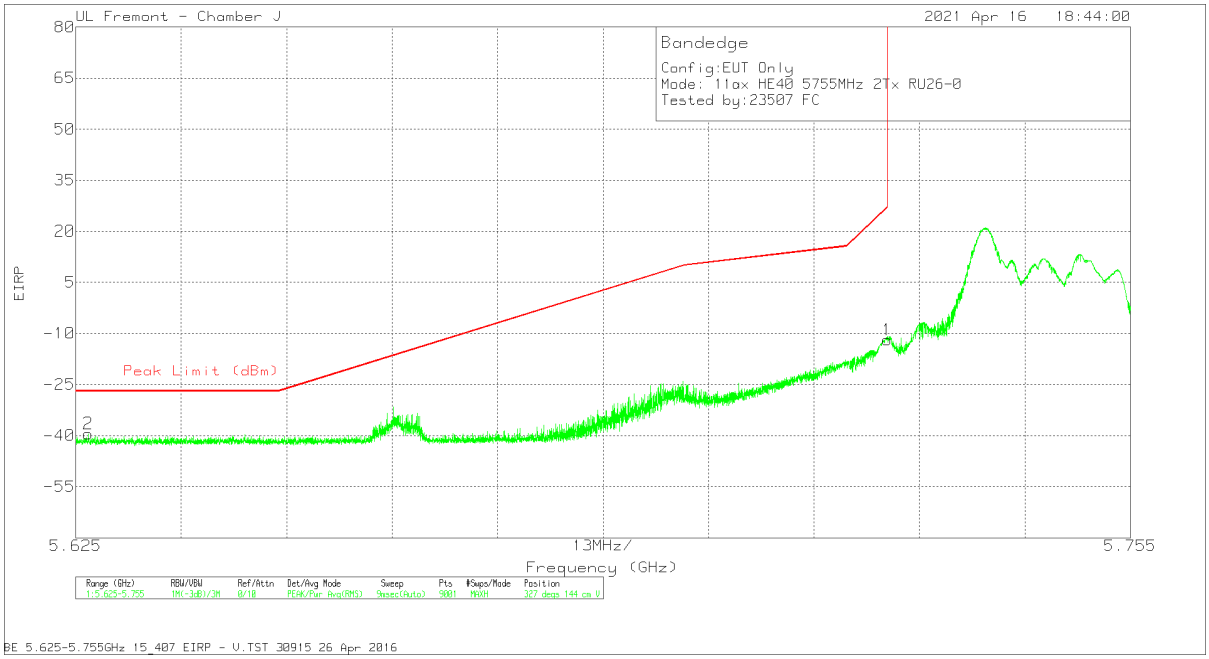
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.7 | Pk | 35 | -19.9 | 11.8 | -11.8 | 26.99 | -38.79 | 327 | 144 | V |
| 2 | 5.62656 | -66.12 | Pk | 34.9 | -20 | 11.8 | -39.42 | -27 | -12.42 | 327 | 144 | V |

Pk - Peak detector



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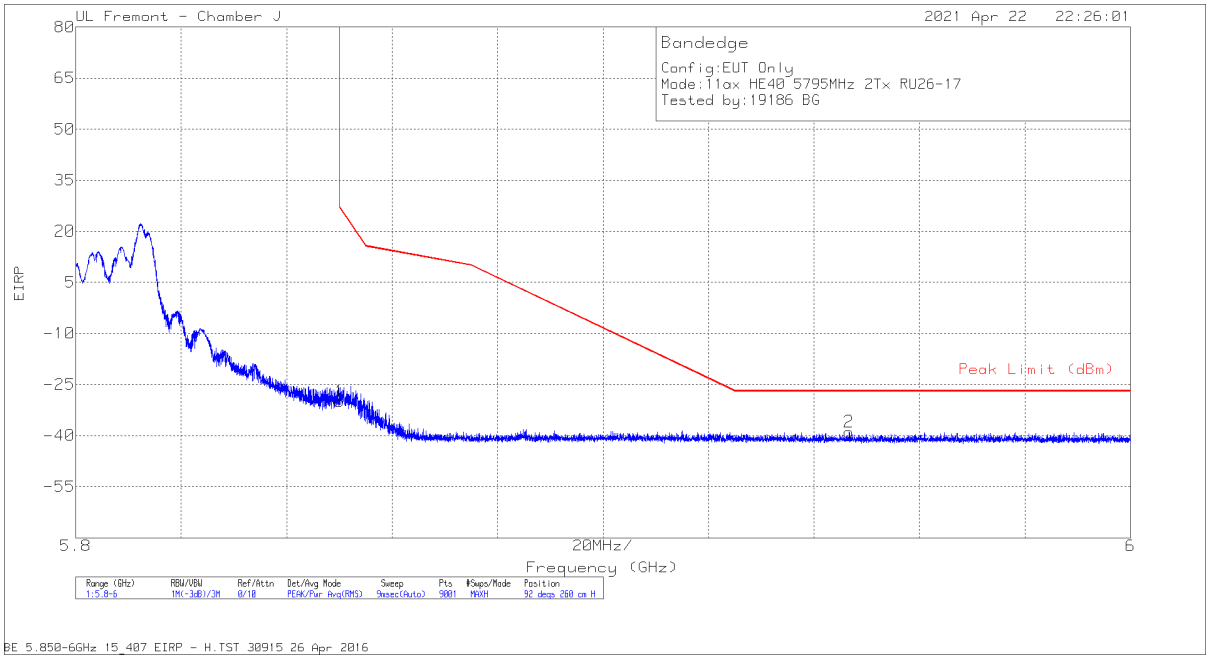
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 17**

## BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -57.48 | Pk | 35.2 | -19.4 | 11.8 | -29.88 | 26.95 | -56.83 | 92 | 260 | H |
| 2 | 5.94669 | -66.67 | Pk | 35.3 | -19.3 | 11.8 | -38.87 | -27 | -11.87 | 92 | 260 | H |

Pk - Peak detector



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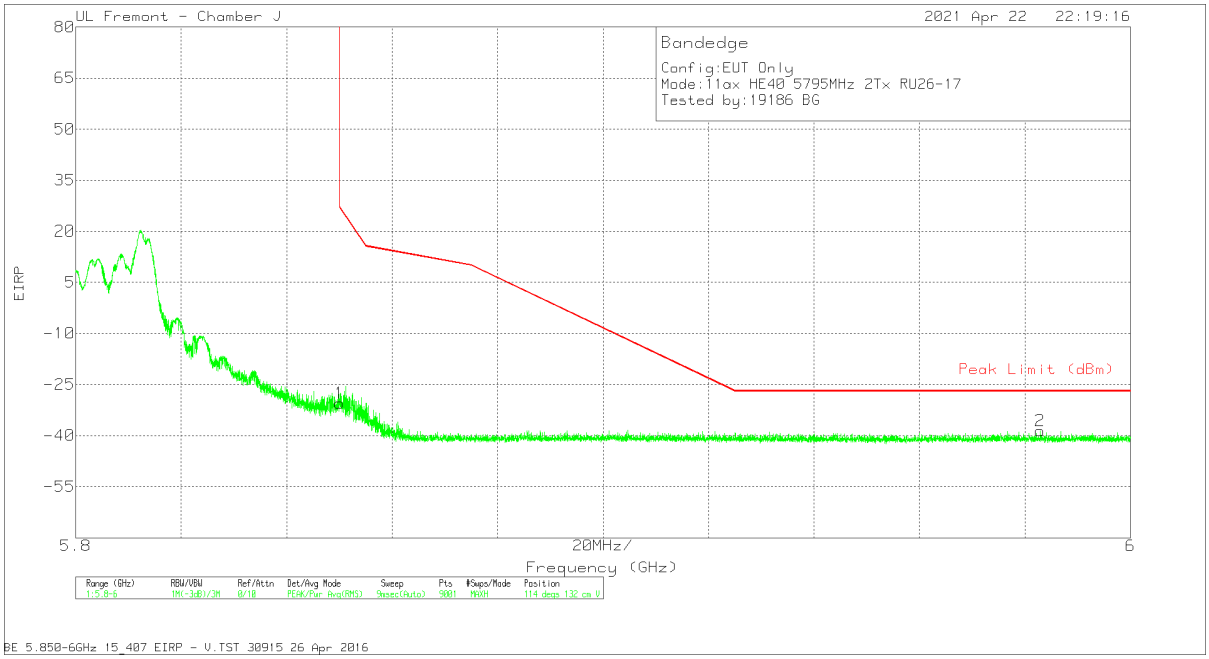
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -58.01 | Pk | 35.2 | -19.4 | 11.8 | -30.41 | 26.95 | -57.36 | 114 | 132 | V |
| 2 | 5.98291 | -66.63 | Pk | 35.3 | -19.1 | 11.8 | -38.63 | -27 | -11.63 | 114 | 132 | V |

Pk - Peak detector



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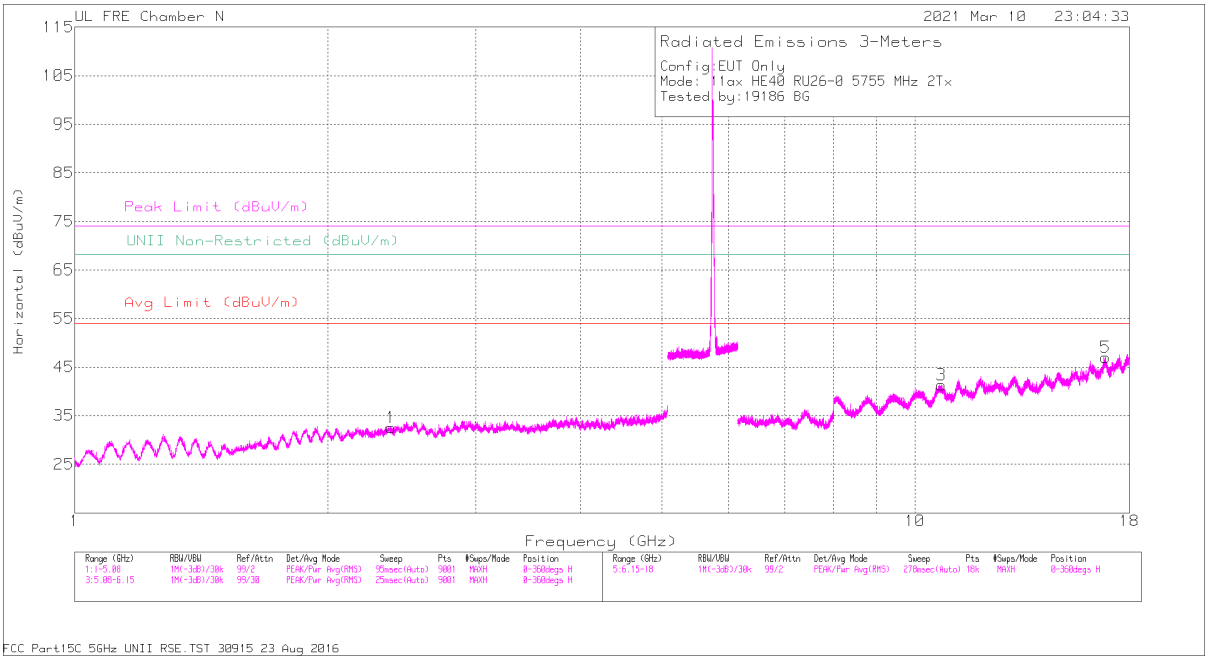
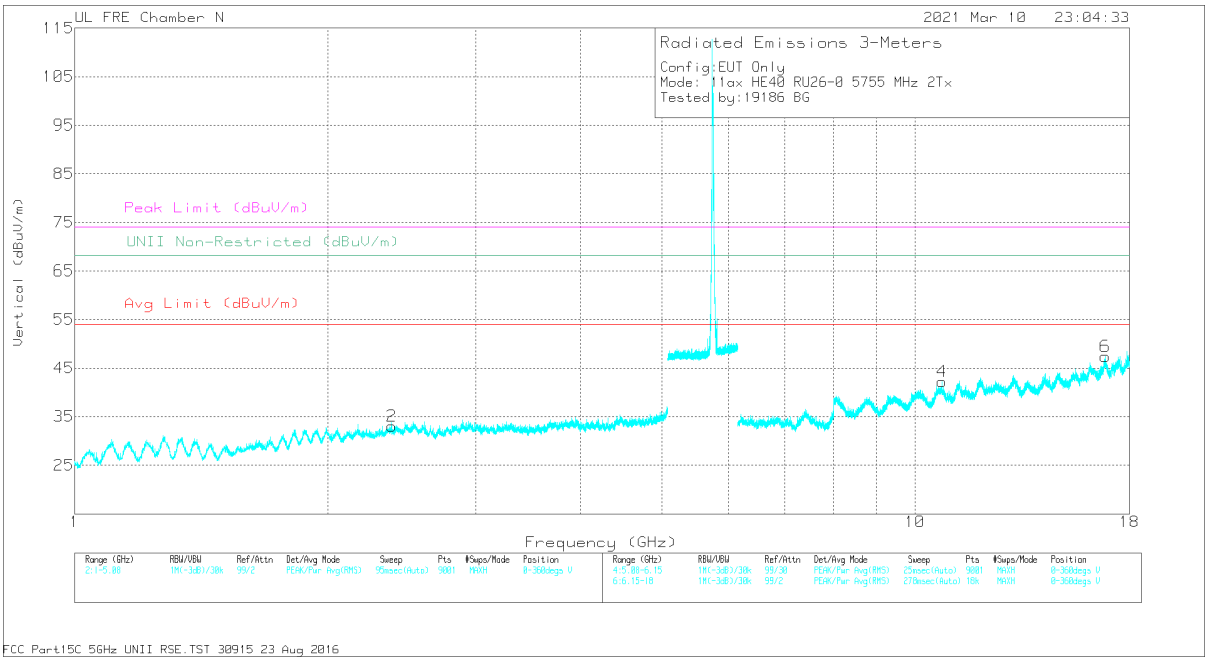
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 2.37919 | 56.43 | PK-U | 32.4 | -46.1 | 42.73 | - | - | 74 | -31.27 | - | - | 0 | 100 | H |
| | * 2.37949 | 44.84 | ADR | 32.4 | -46.1 | 31.14 | 54 | -22.86 | - | - | - | - | 0 | 100 | H |
| 2 | * 2.38642 | 56.31 | PK-U | 32.4 | -46.1 | 42.61 | - | - | 74 | -31.39 | - | - | 0 | 201 | V |
| | * 2.38473 | 44.69 | ADR | 32.4 | -46.1 | 30.99 | 54 | -23.01 | - | - | - | - | 0 | 201 | V |
| 3 | * 10.7537 | 52.37 | PK-U | 37.8 | -39.6 | 50.57 | - | - | 74 | -23.43 | - | - | 0 | 100 | H |
| | * 10.75355 | 40.95 | ADR | 37.8 | -39.6 | 39.15 | 54 | -14.85 | - | - | - | - | 0 | 100 | H |
| 4 | * 10.77317 | 52.93 | PK-U | 37.8 | -39.8 | 50.93 | - | - | 74 | -23.07 | - | - | 0 | 201 | V |
| | * 10.77423 | 40.87 | ADR | 37.9 | -39.8 | 38.97 | 54 | -15.03 | - | - | - | - | 0 | 201 | V |
| 6 | 16.84852 | 49.45 | PK-U | 41.7 | -35.5 | 55.65 | - | - | - | - | 68.2 | -12.55 | 0 | 200 | V |
| 5 | 16.85401 | 48.82 | PK-U | 41.7 | -35.6 | 54.92 | - | - | - | - | 68.2 | -13.28 | 0 | 100 | 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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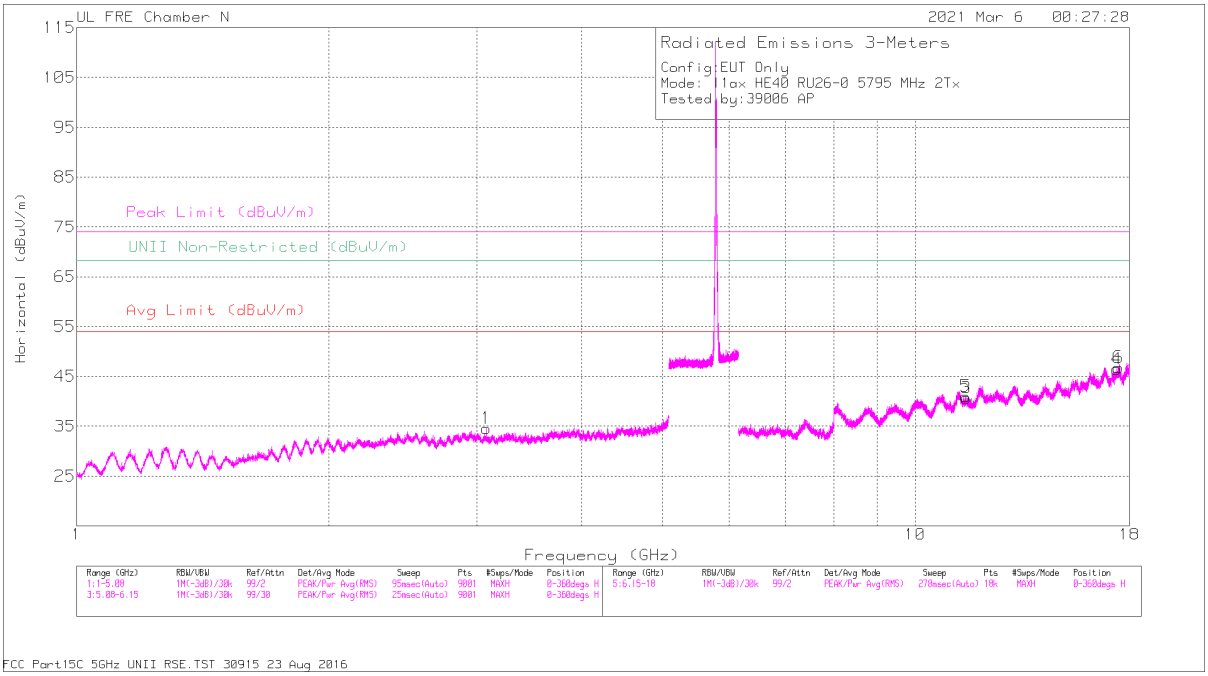
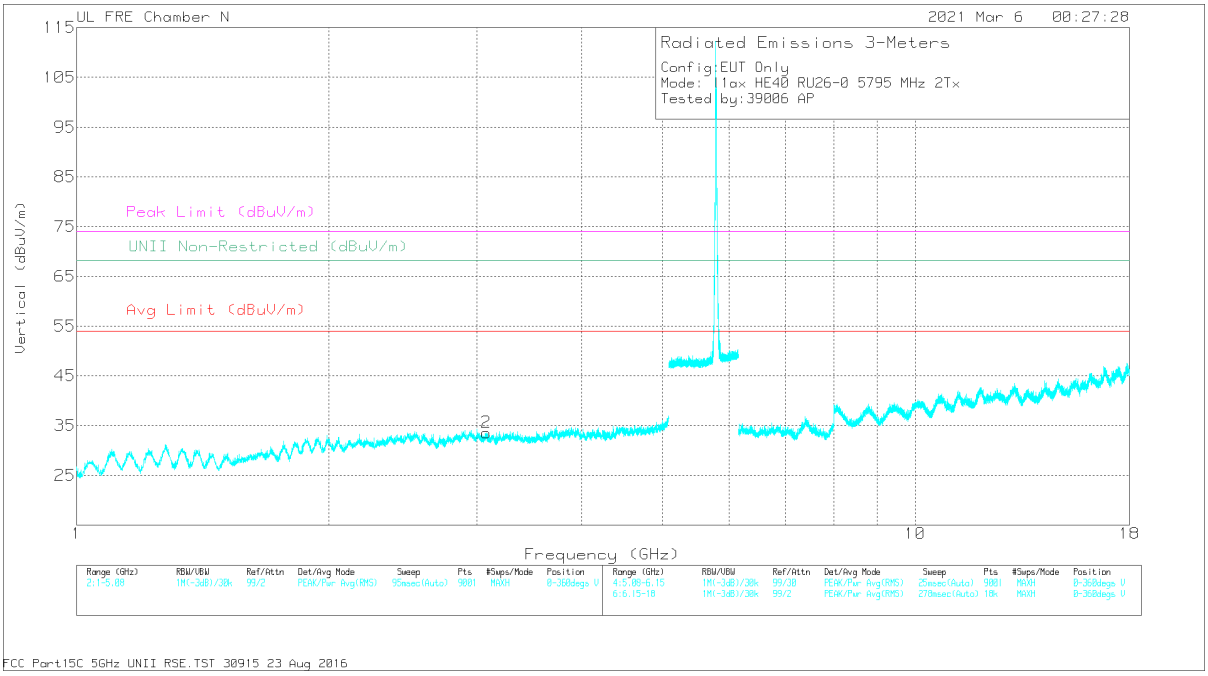
# HIGH CHANNEL RESULTS




**HORIZONTAL**

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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 11.50023 | 49.86 | PK-U | 38.2 | -38 | 50.06 | - | - | 74 | -23.94 | - | - | 83 | 182 | H |
| | * 11.49886 | 37.89 | ADR | 38.2 | -38 | 38.09 | 54 | -15.91 | - | - | - | - | 83 | 182 | H |
| 5 | * 11.48487 | 50.01 | PK-U | 38.2 | -37.9 | 50.31 | - | - | 74 | -23.69 | - | - | 94 | 183 | H |
| | * 11.48525 | 38.21 | ADR | 38.2 | -37.9 | 38.51 | 54 | -15.49 | - | - | - | - | 94 | 183 | H |
| 1 | 3.07898 | 54.62 | PK-U | 33 | -44.1 | 43.52 | - | - | - | - | 68.2 | -24.68 | 36 | 151 | H |
| 2 | 3.07991 | 54.79 | PK-U | 33 | -44.2 | 43.59 | - | - | - | - | 68.2 | -24.61 | 67 | 167 | V |
| 4 | 17.39571 | 48.05 | PK-U | 41.6 | -34.1 | 55.55 | - | - | - | - | 68.2 | -12.65 | 52 | 133 | H |
| 6 | 17.46388 | 48.69 | PK-U | 41.6 | -33.5 | 56.79 | - | - | - | - | 68.2 | -11.41 | 165 | 204 | 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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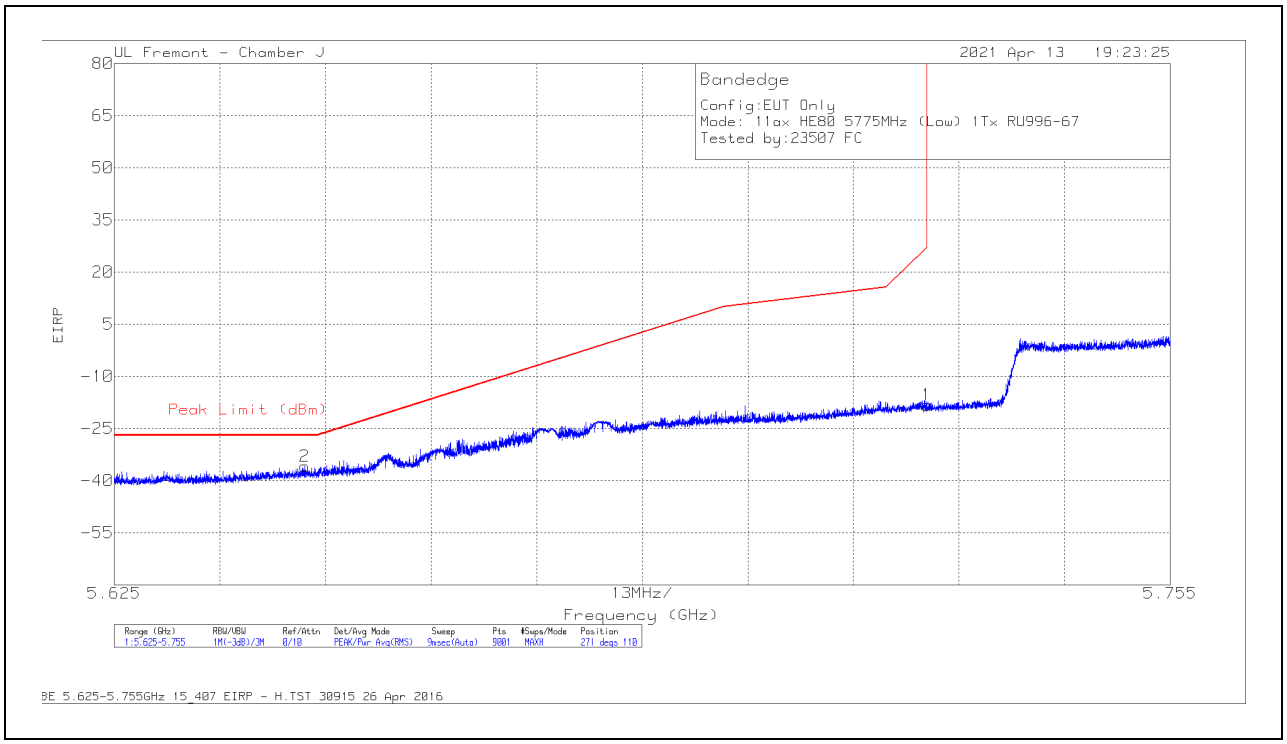
## 1.1.24. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8 GHz BAND

**1TX ANTENNA 6 – 996 Tones, RU Index 67**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -45.12 | Pk | 35 | -19.9 | 11.8 | 0 | -18.22 | 26.99 | -45.21 | 271 | 110 | H |
| 2 | 5.64844 | -62.59 | Pk | 34.9 | -20 | 11.8 | 0 | -35.89 | -27 | -8.89 | 271 | 110 | H |

Pk - Peak detector



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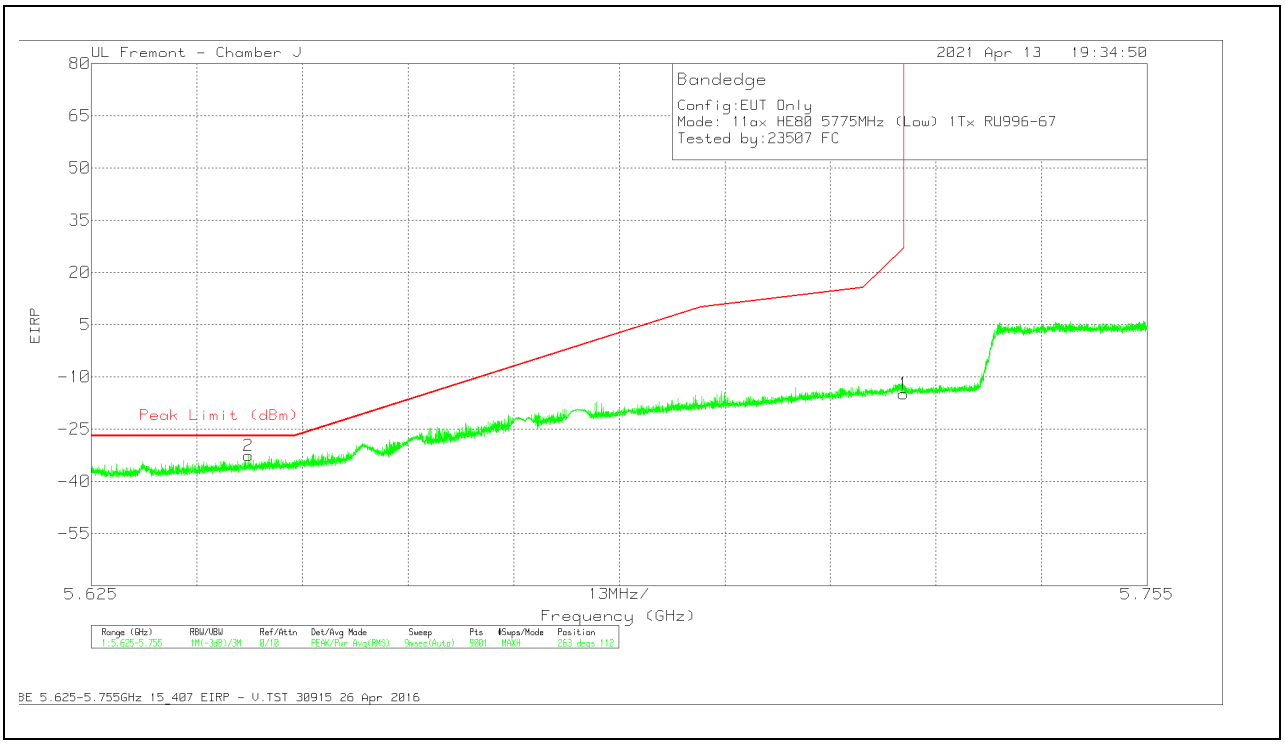
# VERTICAL RESULT




| Marker | FrequencyFrequency(GHz) | MeterMeter ReadingReading(dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | CorrectedCorrectedReadingReadingEIRP | Peak Limit (dBm) | PK MarginPK Margin(dB) | AzimuthAzimuth(Degs) | HeightHeight(cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -41.74 | Pk | 35 | -19.9 | 11.8 | 0 | -14.84 | 26.99 | -41.83 | 263 | 112 | V |
| 2 | 5.64436 | -59.42 | Pk | 35 | -20 | 11.8 | 0 | -32.62 | -27 | -5.62 | 263 | 112 | V |

Pk - Peak detector



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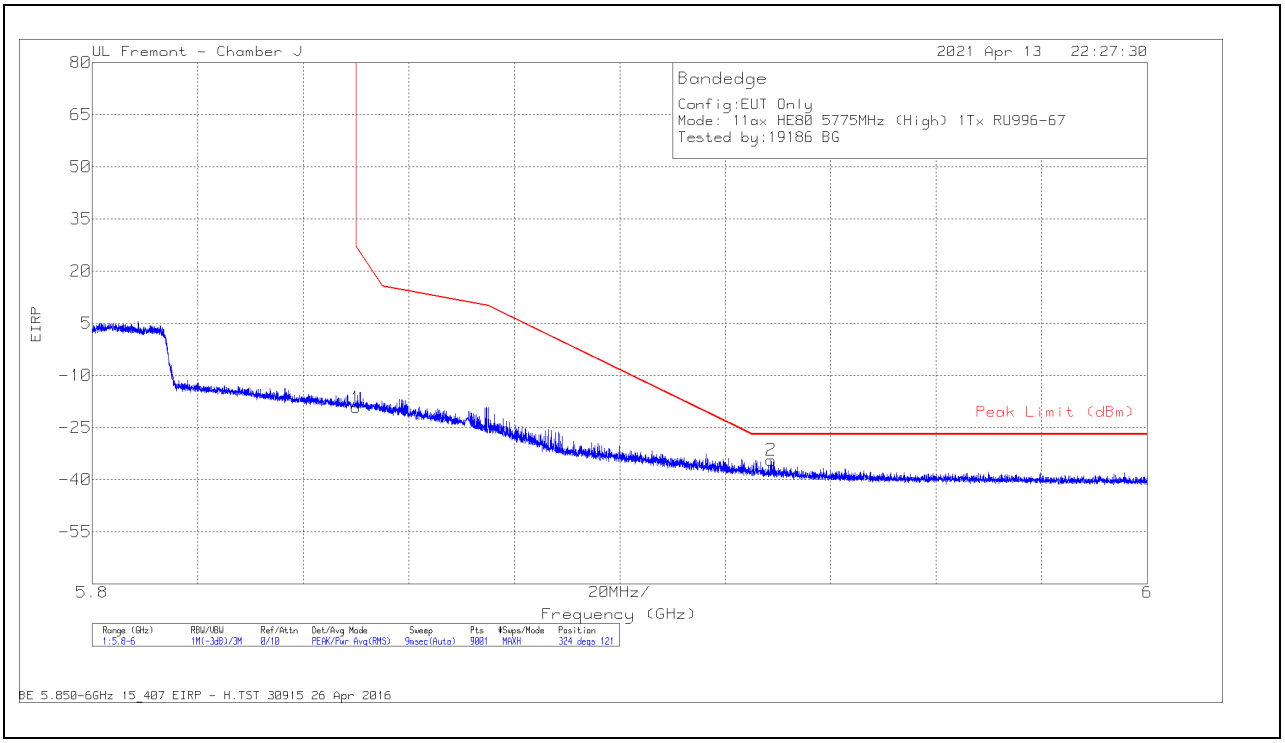
## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -46.86 | Pk | 35.2 | -19.4 | 11.8 | 0 | -19.26 | 26.95 | -46.21 | 324 | 121 | H |
| 2 | 5.92869 | -62.16 | Pk | 35.3 | -19.3 | 11.8 | 0 | -34.36 | -27 | -7.36 | 324 | 121 | H |

Pk - Peak detector



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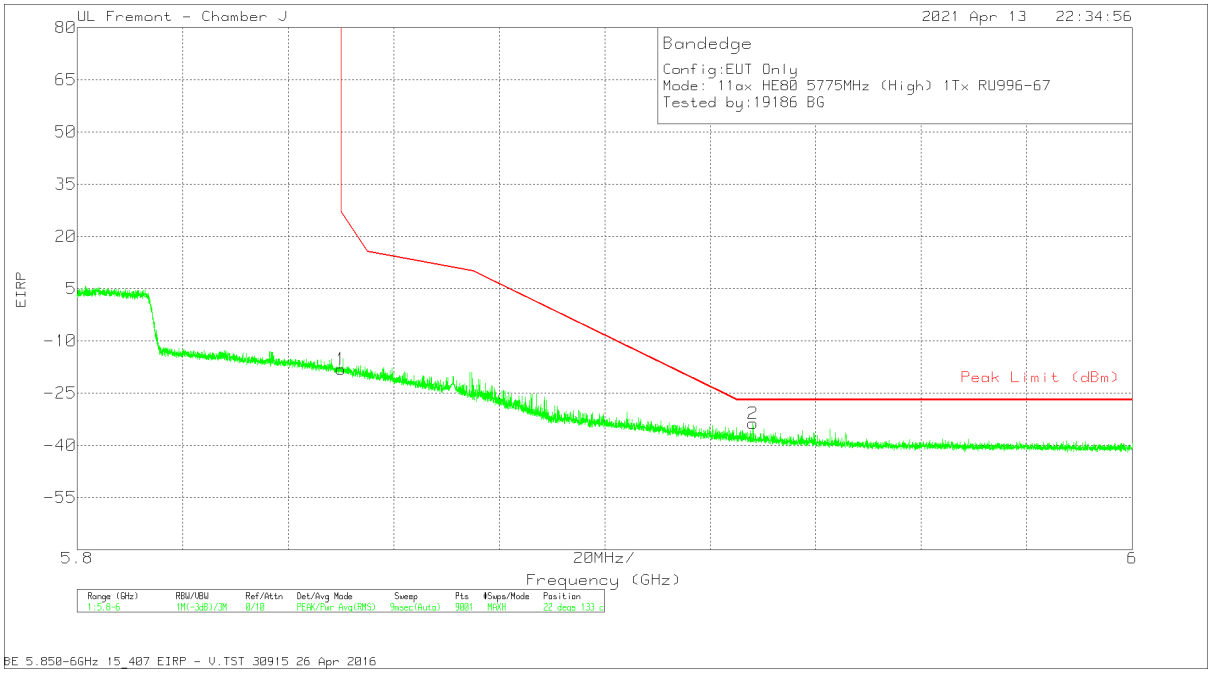
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -45.74 | Pk | 35.2 | -19.4 | 11.8 | 0 | -18.14 | 26.95 | -45.09 | 22 | 133 | V |
| 2 | 5.92809 | -61.52 | Pk | 35.3 | -19.3 | 11.8 | 0 | -33.72 | -27 | -6.72 | 22 | 133 | V |

Pk - Peak detector



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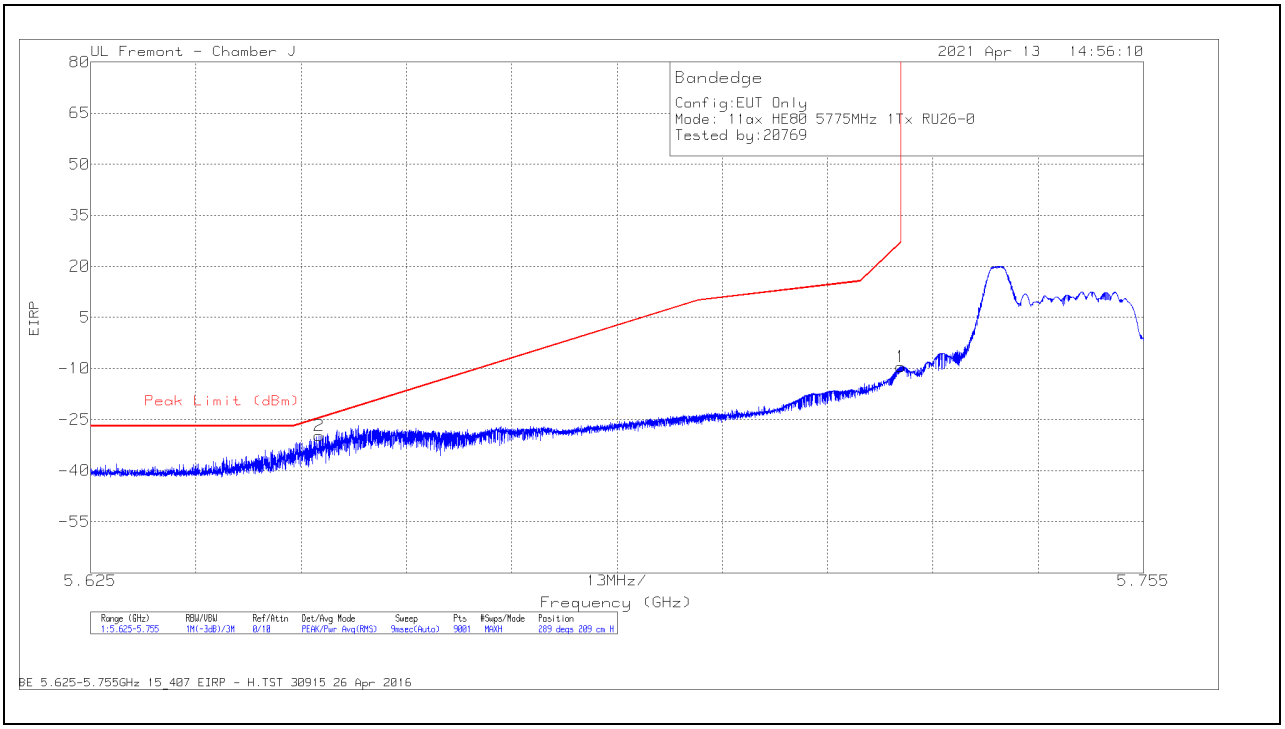
**1TX ANTENNA 6 – 26 Tones, RU Index 0**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -36.46 | Pk | 35 | -19.9 | 11.8 | 0 | -9.56 | 26.99 | -36.55 | 289 | 209 | H |
| 2 | 5.65322 | -56.42 | Pk | 35 | -20.1 | 11.8 | 0 | -29.72 | -24.61 | -5.11 | 289 | 209 | H |

Pk - Peak detector



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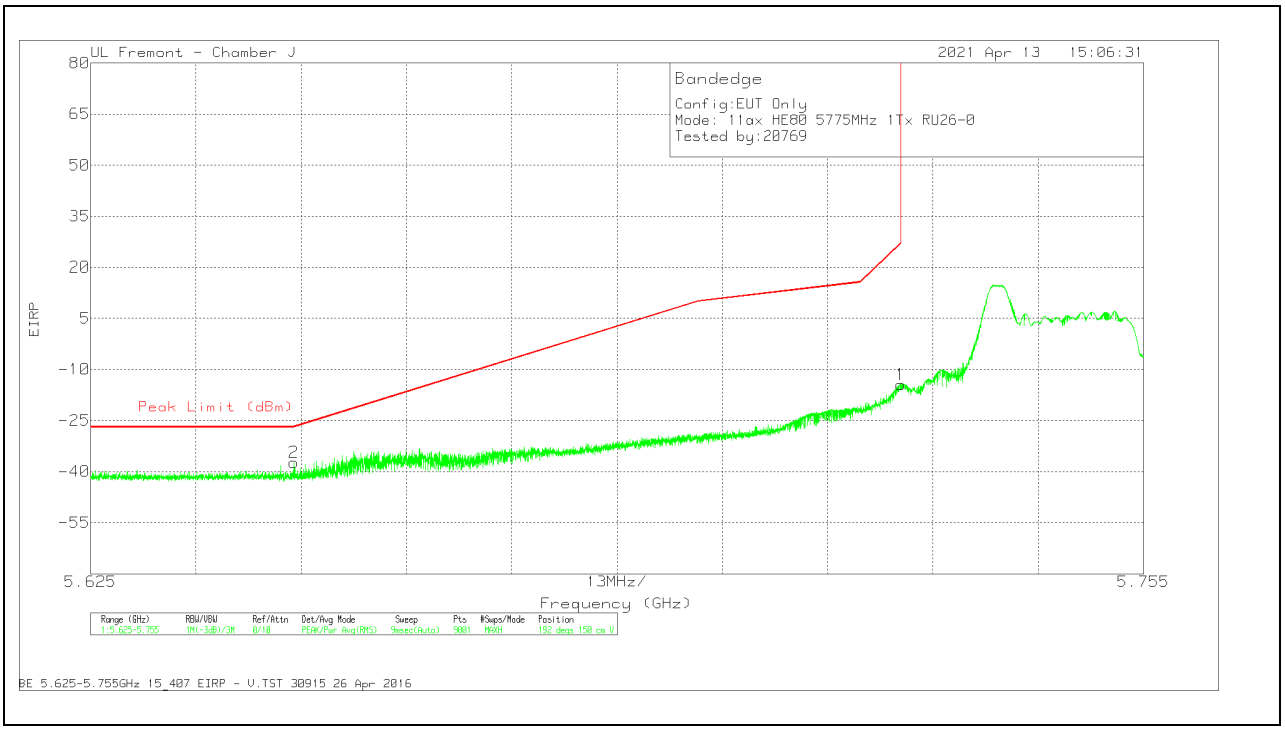
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -41.34 | Pk | 35 | -19.9 | 11.8 | 0 | -14.44 | 26.99 | -41.43 | 192 | 150 | V |
| 2 | 5.65006 | -63.9 | Pk | 34.9 | -20.1 | 11.8 | 0 | -37.3 | -26.96 | -10.34 | 192 | 150 | V |

Pk - Peak detector



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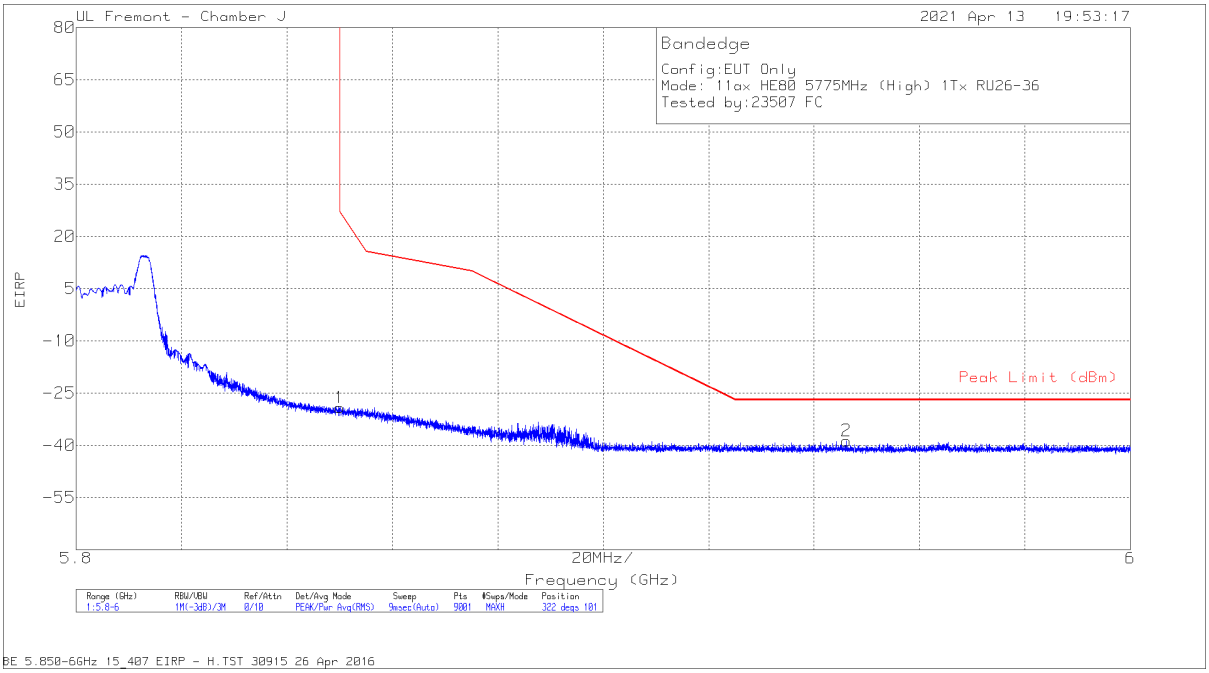
**1TX ANTENNA 6 – 26 Tones, RU Index 36**

## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -56.8 | Pk | 35.2 | -19.4 | 11.8 | 0 | -29.2 | 26.95 | -56.15 | 322 | 101 | H |
| 2 | 5.94618 | -66.52 | Pk | 35.3 | -19.3 | 11.8 | 0 | -38.72 | -27 | -11.72 | 322 | 101 | H |

Pk - Peak detector



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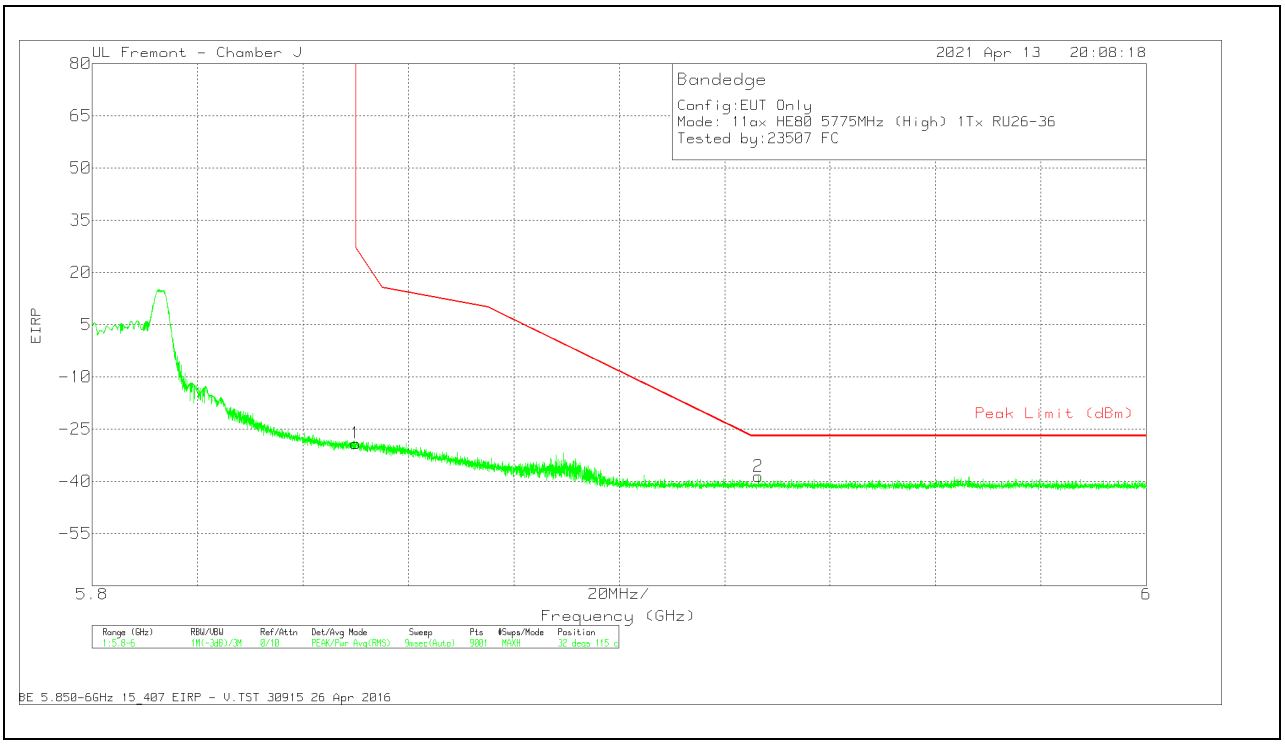
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -56.7 | Pk | 35.2 | -19.4 | 11.8 | 0 | -29.1 | 26.95 | -56.05 | 32 | 115 | V |
| 2 | 5.92633 | -66.37 | Pk | 35.3 | -19.3 | 11.8 | 0 | -38.57 | -27 | -11.57 | 32 | 115 | V |

Pk - Peak detector



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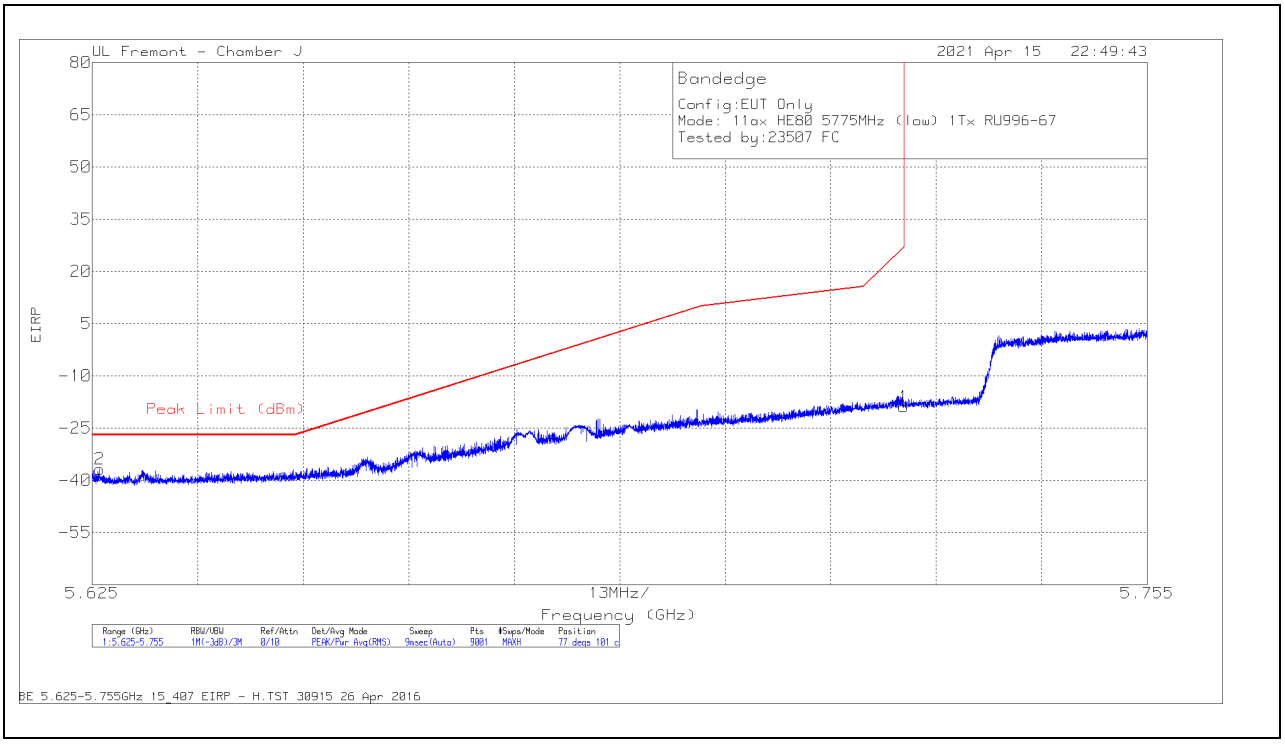
**1TX ANTENNA 5 – 996 Tones, RU Index 67**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -45.78 | Pk | 35 | -19.9 | 11.8 | 0 | -18.88 | 26.99 | -45.87 | 77 | 101 | H |
| 2 | 5.62591 | -63.55 | Pk | 34.9 | -20 | 11.8 | 0 | -36.85 | -27 | -9.85 | 77 | 101 | H |

Pk - Peak detector



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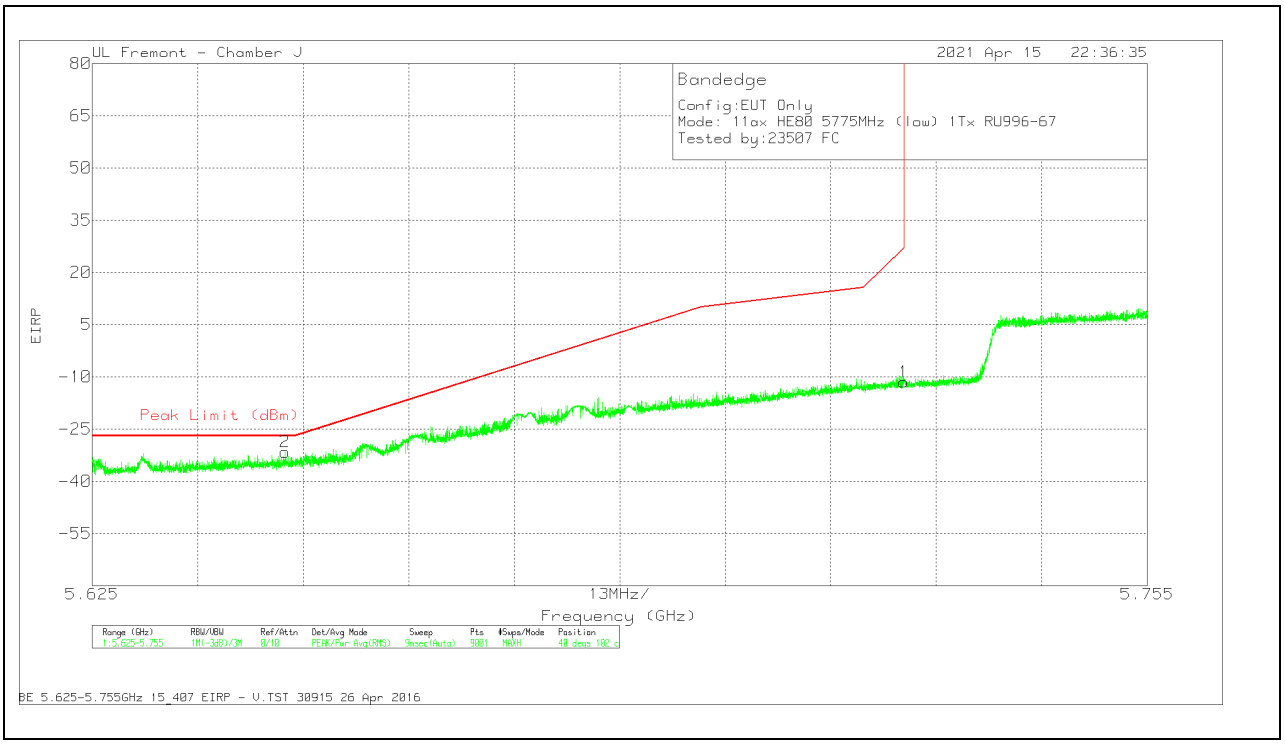
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.4 | Pk | 35 | -19.9 | 11.8 | 0 | -11.5 | 26.99 | -38.49 | 40 | 102 | V |
| 2 | 5.64875 | -58.31 | Pk | 34.9 | -20 | 11.8 | 0 | -31.61 | -27 | -4.61 | 40 | 102 | V |

Pk - Peak detector



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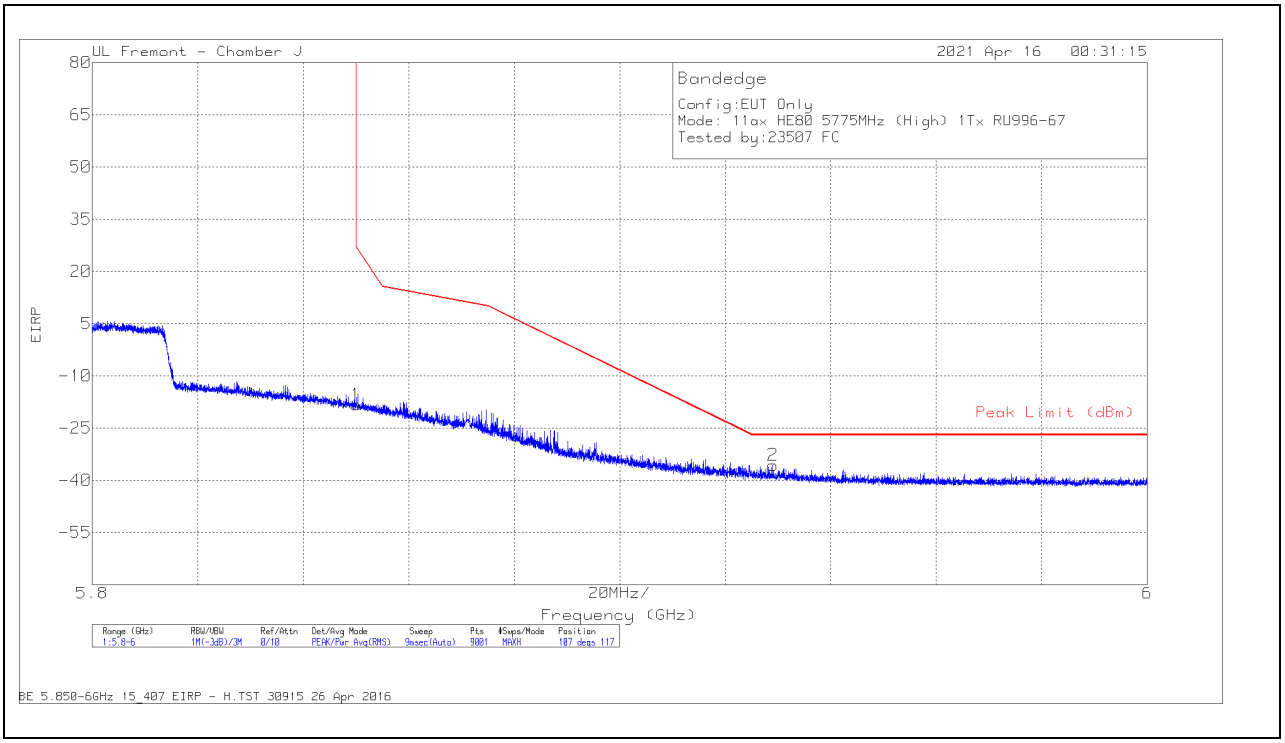
## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -45.83 | Pk | 35.2 | -19.4 | 11.8 | 0 | -18.23 | 26.95 | -45.18 | 107 | 117 | H |
| 2 | 5.92904 | -63.45 | Pk | 35.3 | -19.3 | 11.8 | 0 | -35.65 | -27 | -8.65 | 107 | 117 | H |

Pk - Peak detector



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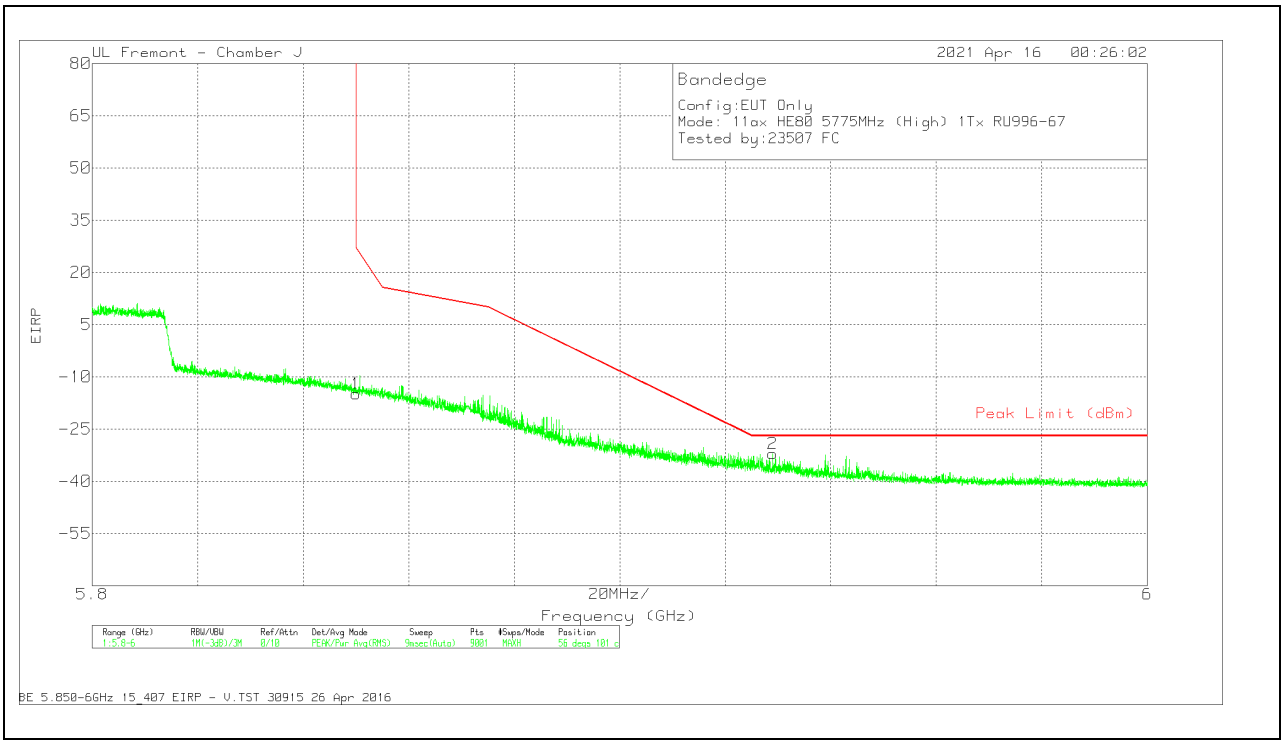
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -42.49 | Pk | 35.2 | -19.4 | 11.8 | 0 | -14.89 | 26.95 | -41.84 | 56 | 101 | V |
| 2 | 5.92902 | -59.9 | Pk | 35.3 | -19.3 | 11.8 | 0 | -32.1 | -27 | -5.1 | 56 | 101 | V |

Pk - Peak detector



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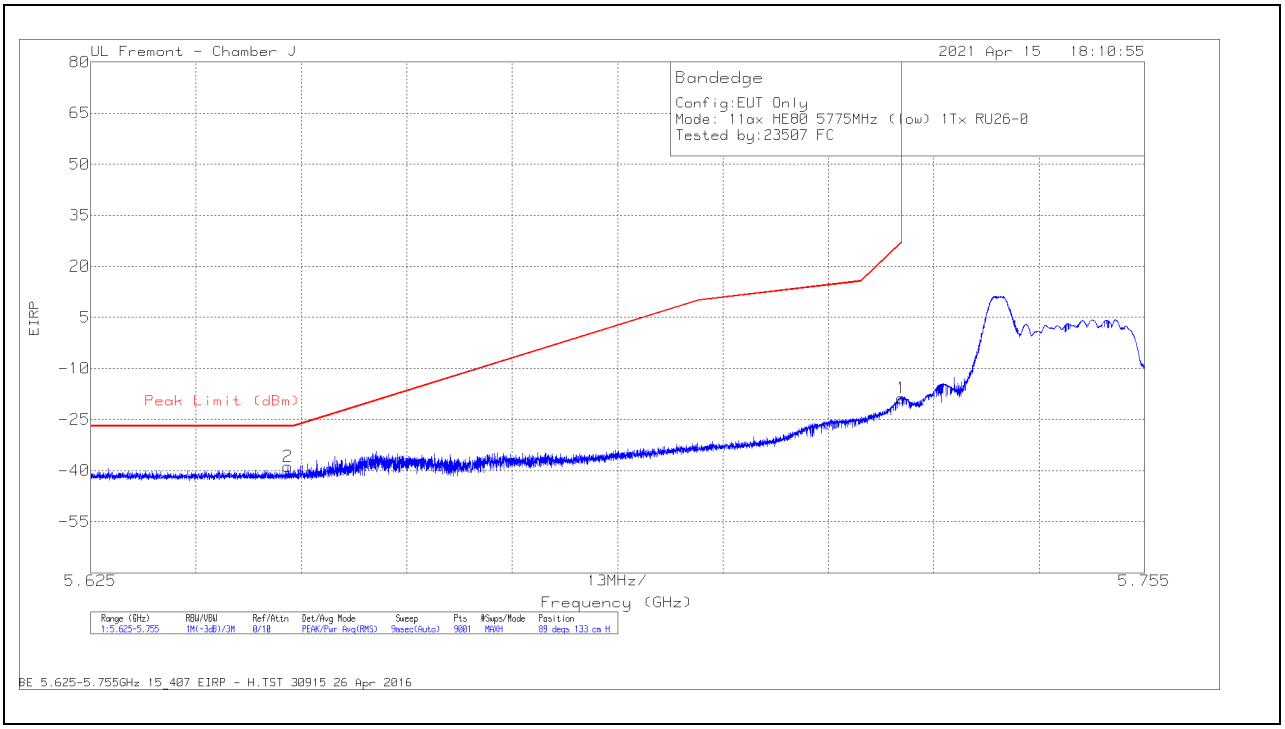
**1TX ANTENNA 5 – 26 Tones, RU Index 0**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -45.54 | Pk | 35 | -19.9 | 11.8 | -18.64 | 26.99 | -45.63 | 89 | 133 | H |
| 2 | 5.64931 | -65.31 | Pk | 34.9 | -20.1 | 11.8 | -38.71 | -27 | -11.71 | 89 | 133 | H |

Pk - Peak detector



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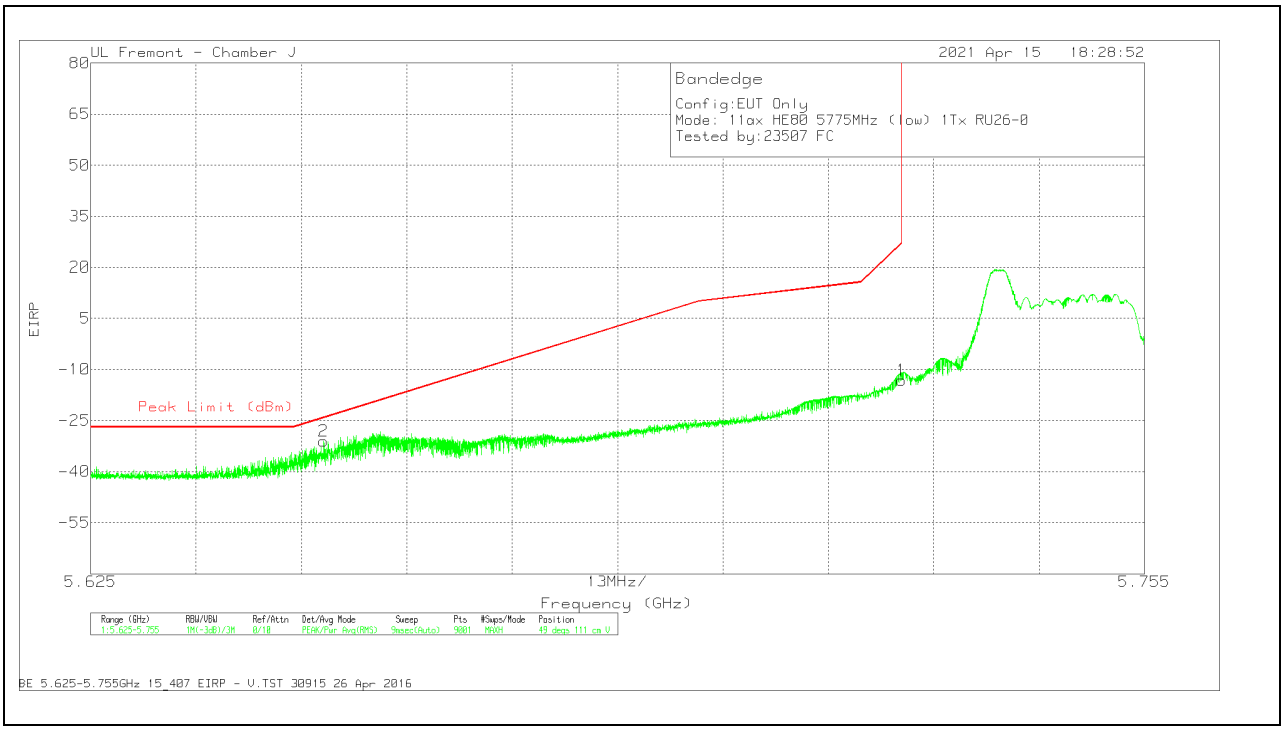
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -40.01 | Pk | 35 | -19.9 | 11.8 | -13.11 | 26.99 | -40.1 | 49 | 111 | V |
| 2 | 5.65376 | -57.66 | Pk | 35 | -20.1 | 11.8 | -30.96 | -24.22 | -6.74 | 49 | 111 | V |

Pk - Peak detector



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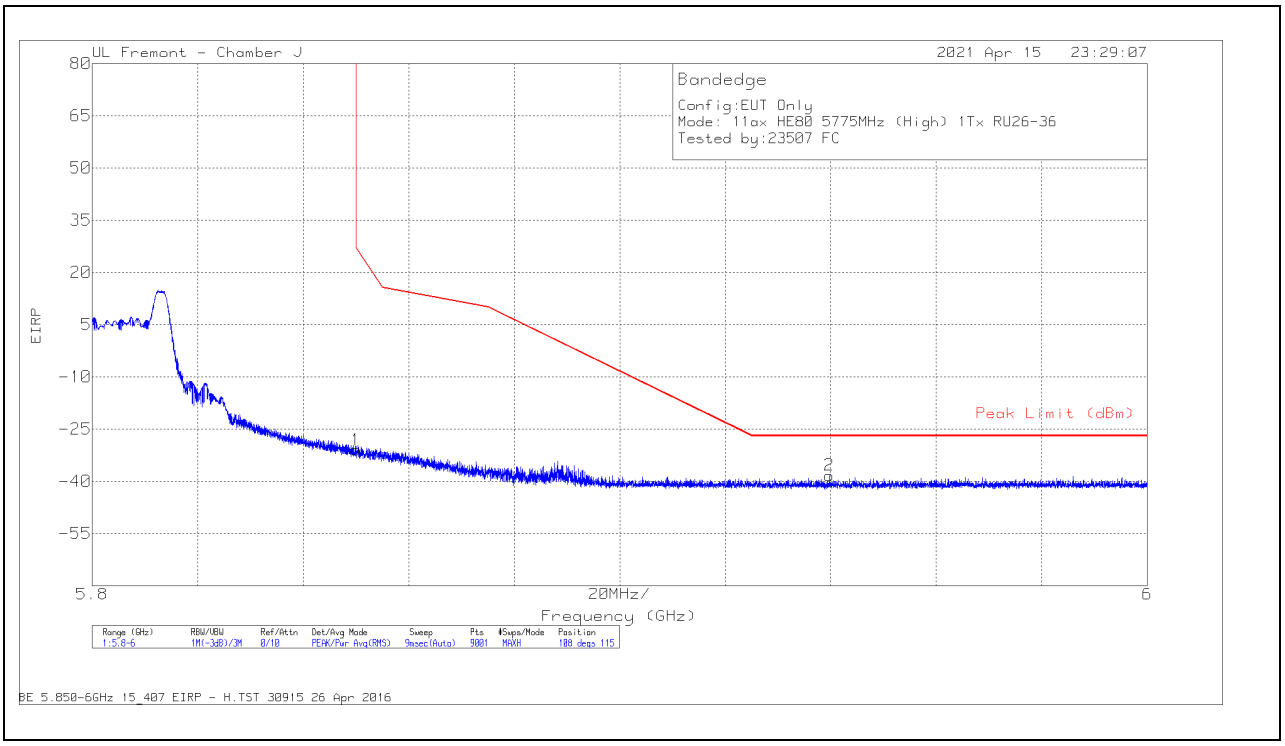
**1TX ANTENNA 5 – 26 Tones, RU Index 36**

## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -58.63 | Pk | 35.2 | -19.4 | 11.8 | -31.03 | 26.95 | -57.98 | 108 | 115 | H |
| 2 | 5.93971 | -66.11 | Pk | 35.3 | -19.3 | 11.8 | -38.31 | -27 | -11.31 | 108 | 115 | H |

Pk - Peak detector



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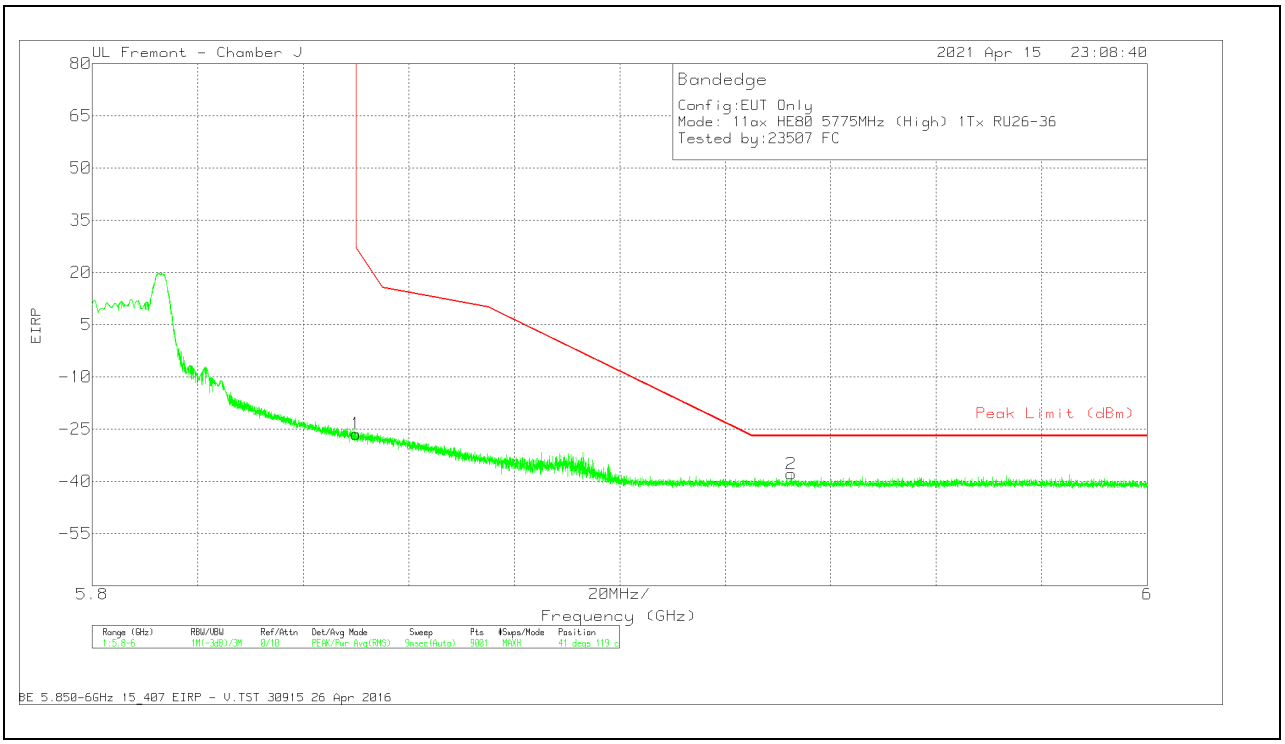
# VERTICAL RESULT




| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -54.05 | Pk | 35.2 | -19.4 | 11.8 | -26.45 | 26.95 | -53.4 | 41 | 119 | V |
| 2 | 5.93251 | -65.67 | Pk | 35.3 | -19.3 | 11.8 | -37.87 | -27 | -10.87 | 41 | 119 | V |

Pk - Peak detector



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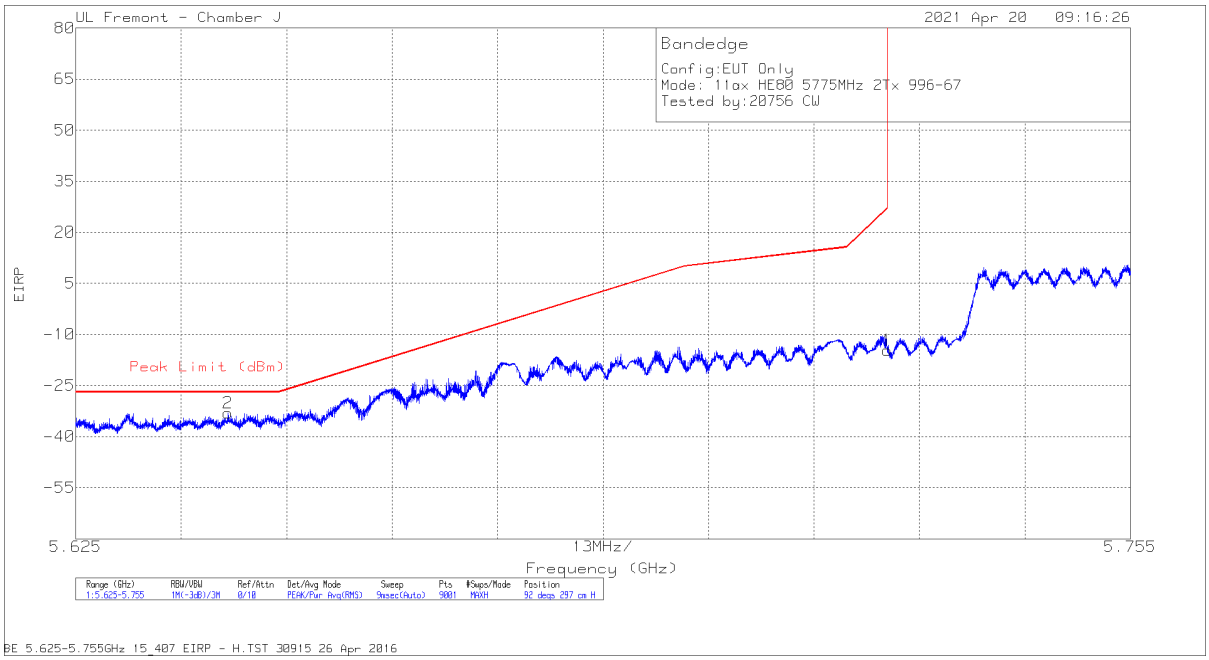
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 996 Tones, RU Index 67**

## BANDEDGE (CHANNEL 155 LOW EDGE)

## HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -41.61 | Pk | 35 | -19.9 | 11.8 | -14.71 | 26.99 | -41.7 | 92 | 297 | H |
| 2 | 5.64375 | -59.87 | Pk | 35 | -20 | 11.8 | -33.07 | -27 | -6.07 | 92 | 297 | H |

Pk - Peak detector



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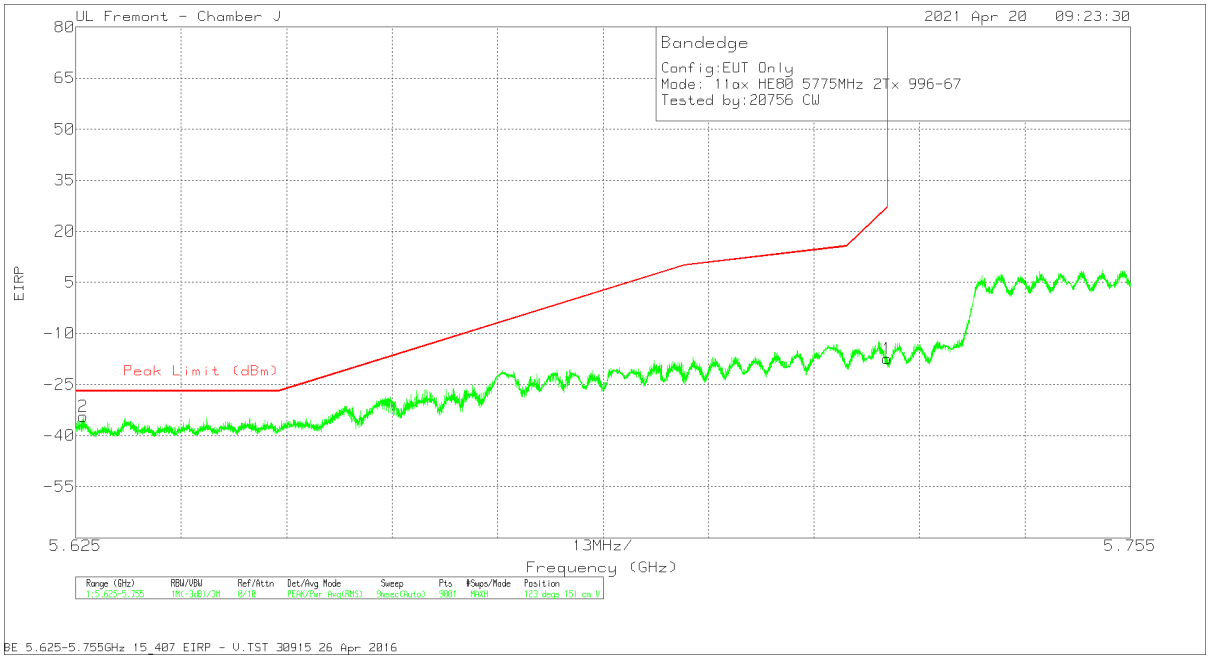
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -44.32 | Pk | 35 | -19.9 | 11.8 | -17.42 | 26.99 | -44.41 | 123 | 151 | V |
| 2 | 5.62592 | -61.01 | Pk | 34.9 | -20 | 11.8 | -34.31 | -27 | -7.31 | 123 | 151 | V |

Pk - Peak detector



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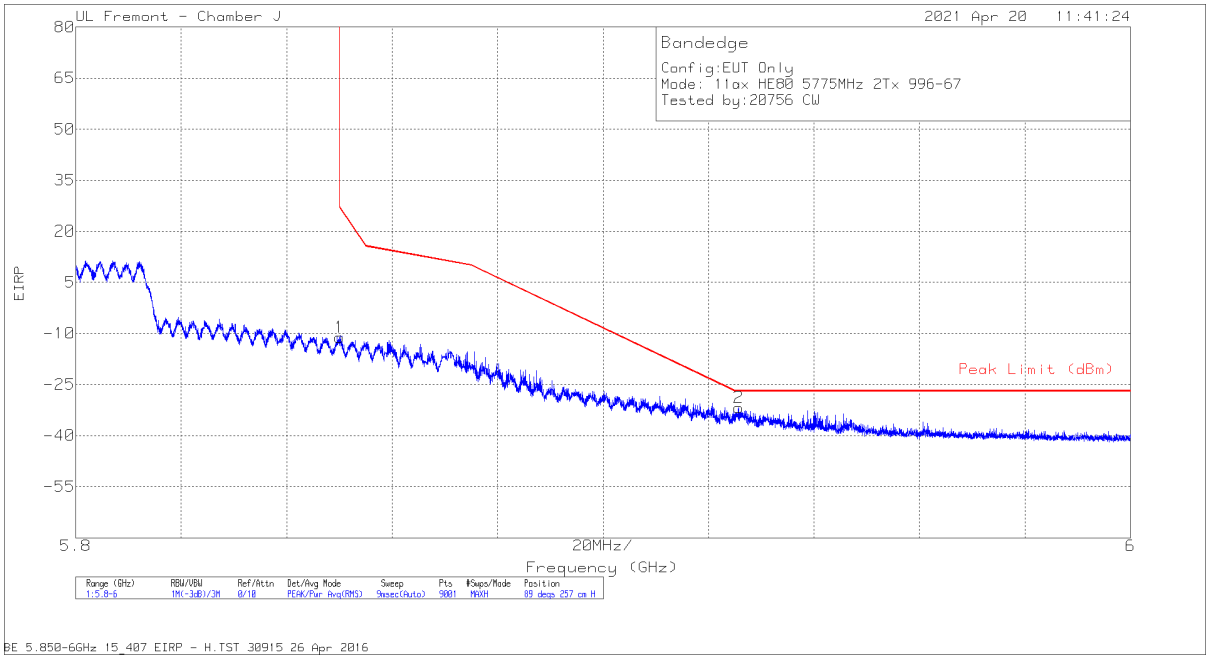
## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




### Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -38.68 | Pk | 35.2 | -19.4 | 11.8 | -11.08 | 26.95 | -38.03 | 89 | 257 | H |
| 2 | 5.92567 | -59.53 | Pk | 35.3 | -19.3 | 11.8 | -31.73 | -27 | -4.73 | 89 | 257 | H |

Pk - Peak detector



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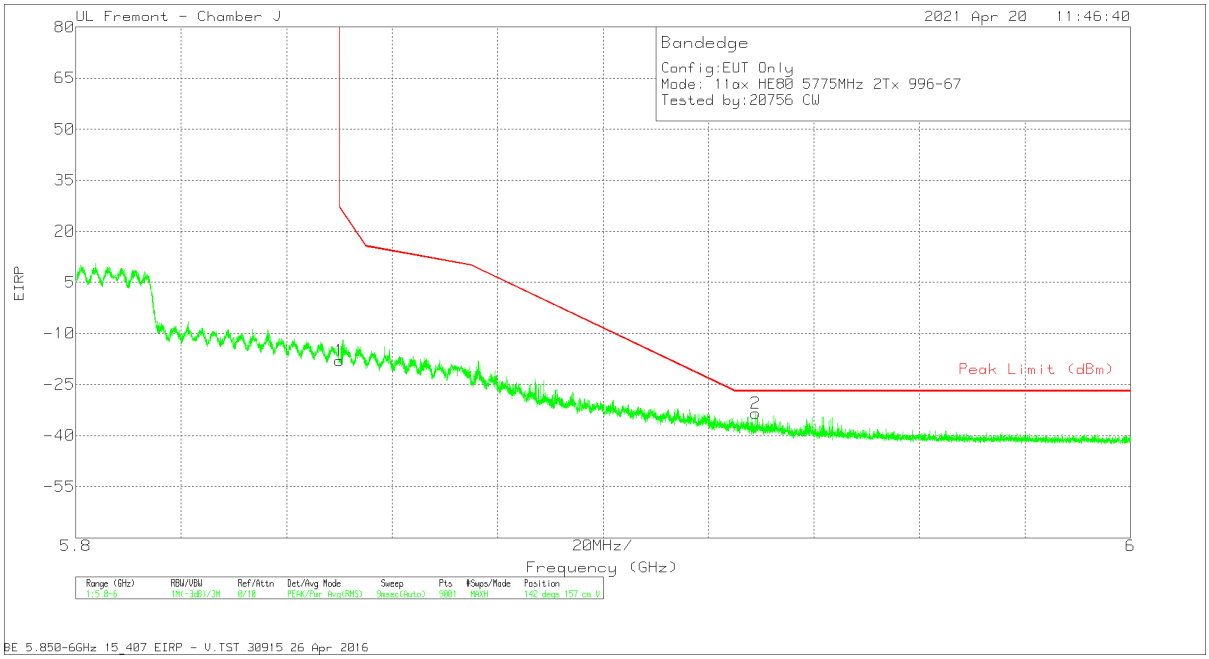
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -45.49 | Pk | 35.2 | -19.4 | 11.8 | -17.89 | 26.95 | -44.84 | 142 | 157 | V |
| 2 | 5.92891 | -61.28 | Pk | 35.3 | -19.3 | 11.8 | -33.48 | -27 | -6.48 | 142 | 157 | V |

Pk - Peak detector



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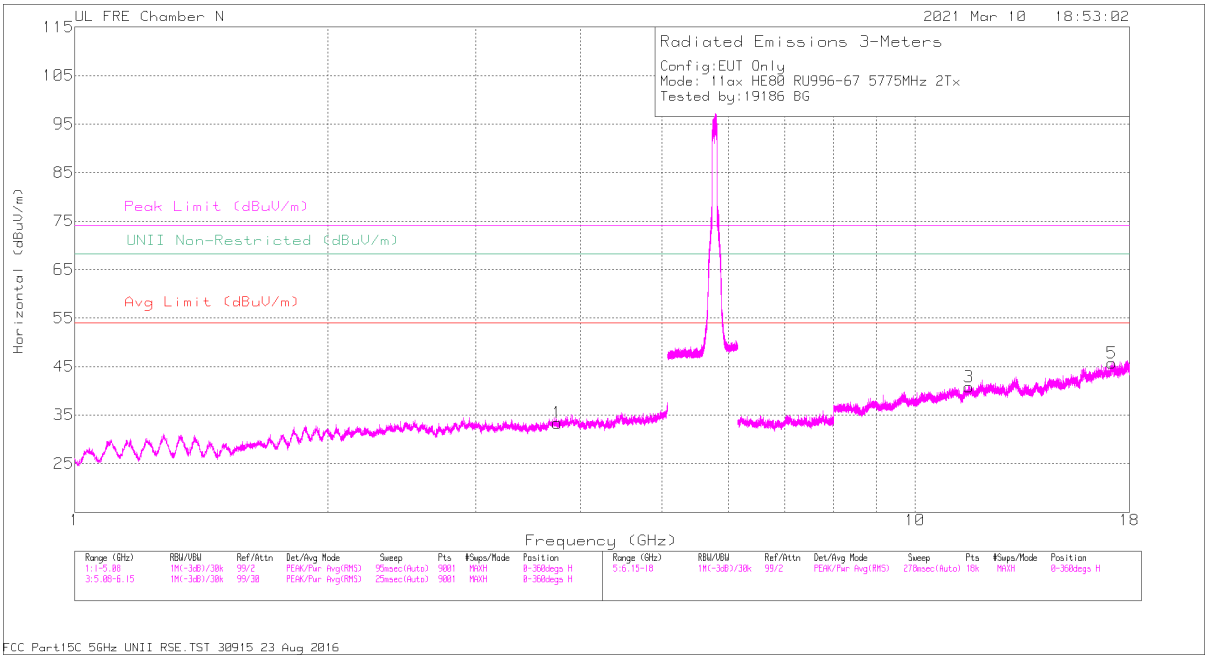
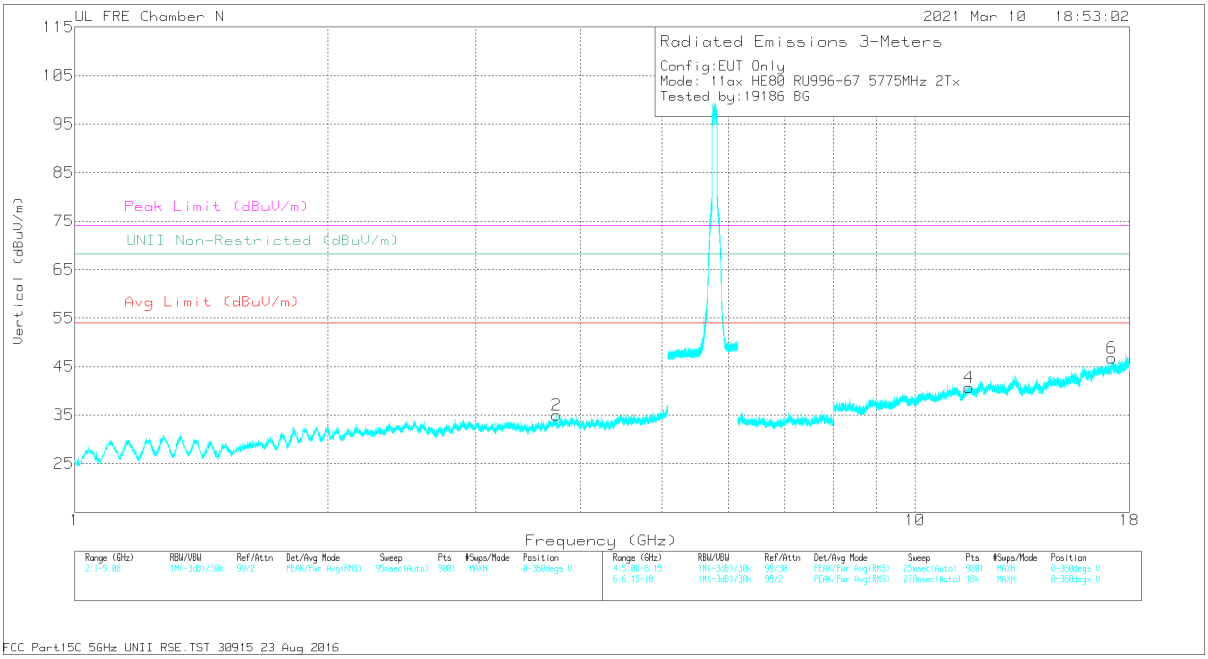
## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | DC Corr (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 | * 3.75478 | 54.45 | PK-U | 33.5 | -43.8 | 0 | 44.15 | - | - | 74 | -29.85 | - | - | 240 | 387 | H |
| | * 3.75358 | 42.57 | ADR | 33.5 | -43.8 | .12 | 32.39 | 54 | -21.61 | - | - | - | - | 240 | 387 | H |
| 2 | * 3.74316 | 53.73 | PK-U | 33.6 | -43.8 | 0 | 43.53 | - | - | 74 | -30.47 | - | - | 357 | 390 | V |
| | * 3.7443 | 42.32 | ADR | 33.6 | -43.8 | .12 | 32.24 | 54 | -21.76 | - | - | - | - | 357 | 390 | V |
| 3 | * 11.59996 | 50.53 | PK-U | 38.3 | -38.4 | 0 | 50.43 | - | - | 74 | -23.57 | - | - | 203 | 317 | H |
| | * 11.59994 | 37.77 | ADR | 38.3 | -38.4 | .12 | 37.79 | 54 | -16.21 | - | - | - | - | 203 | 317 | H |
| 4 | * 11.59305 | 49.3 | PK-U | 38.3 | -38.5 | 0 | 49.1 | - | - | 74 | -24.9 | - | - | 83 | 248 | V |
| | * 11.59426 | 37.85 | ADR | 38.3 | -38.5 | .12 | 37.77 | 54 | -16.23 | - | - | - | - | 83 | 248 | V |
| 6 | 17.15362 | 47.29 | PK-U | 41.1 | -33.8 | 0 | 54.59 | - | - | - | - | 68.2 | -13.61 | 7 | 326 | V |
| 5 | 17.15382 | 48.09 | PK-U | 41.1 | -33.8 | 0 | 55.39 | - | - | - | - | 68.2 | -12.81 | 282 | 262 | 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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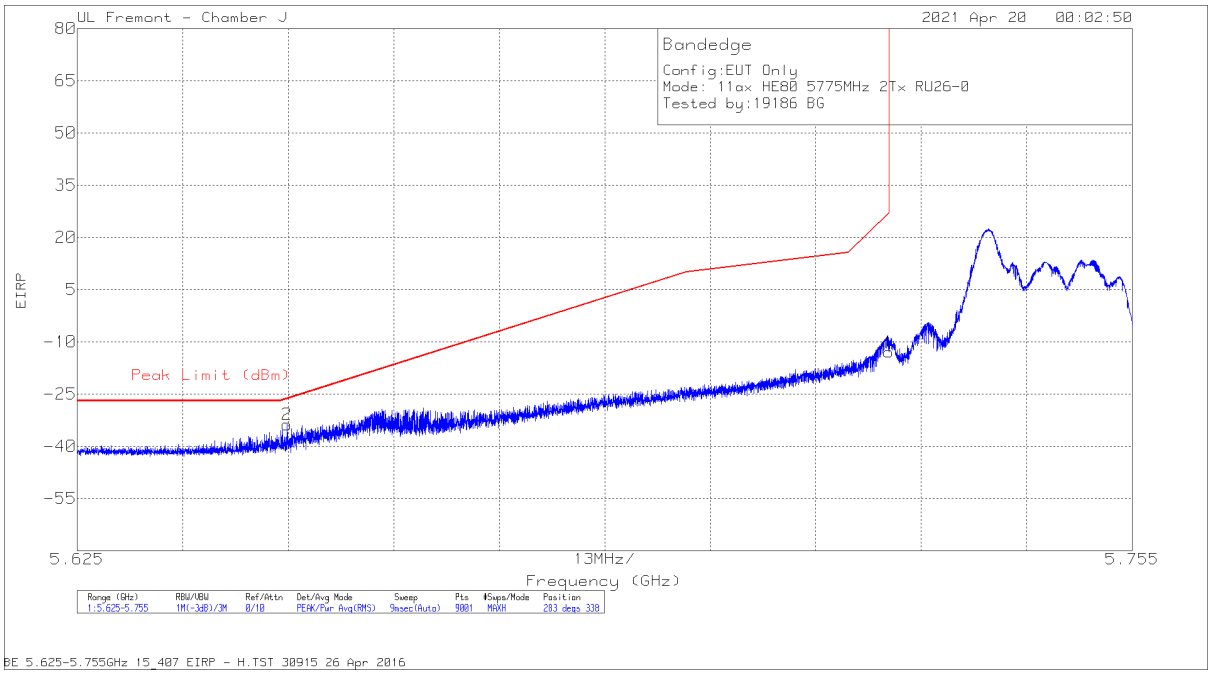
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## BANDEDGE (CHANNEL 155 LOW EDGE)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -39.82 | Pk | 35 | -19.9 | 11.8 | -12.92 | 26.99 | -39.91 | 283 | 338 | H |
| 2 | 5.65084 | -60.36 | Pk | 34.9 | -20.1 | 11.8 | -33.76 | -26.38 | -7.38 | 283 | 338 | H |

Pk - Peak detector



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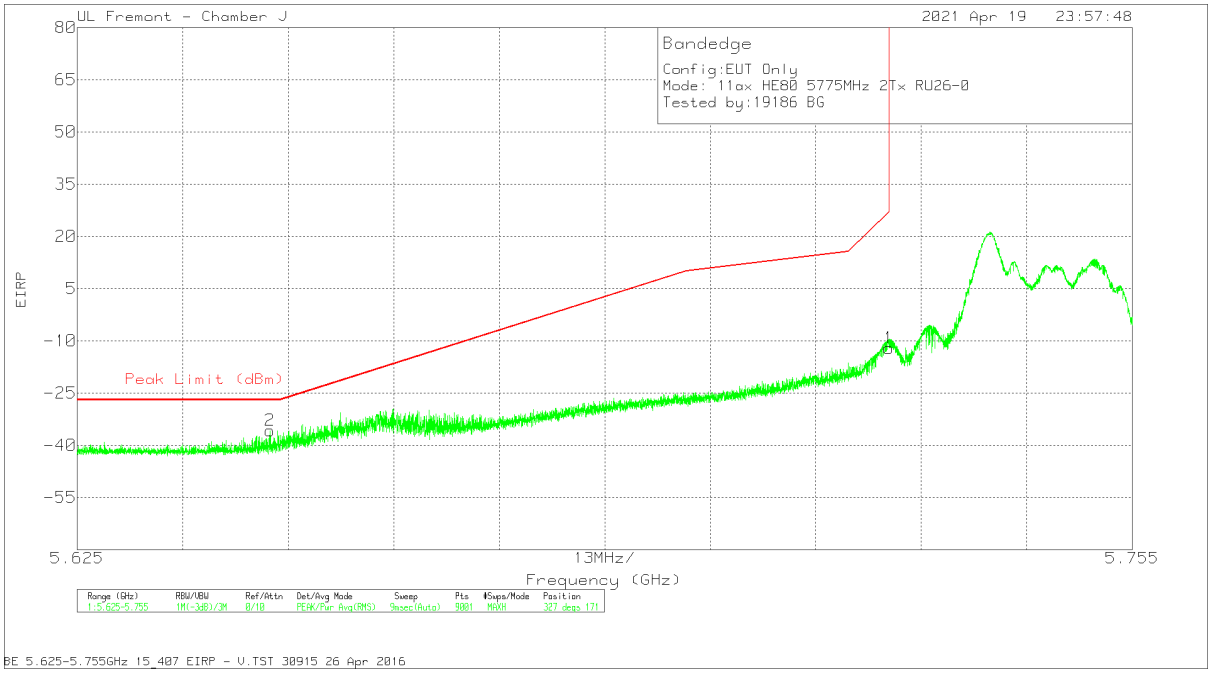
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.725 | -38.99 | Pk | 35 | -19.9 | 11.8 | -12.09 | 26.99 | -39.08 | 327 | 171 | V |
| 2 | 5.64873 | -62.47 | Pk | 34.9 | -20 | 11.8 | -35.77 | -27 | -8.77 | 327 | 171 | V |

Pk - Peak detector



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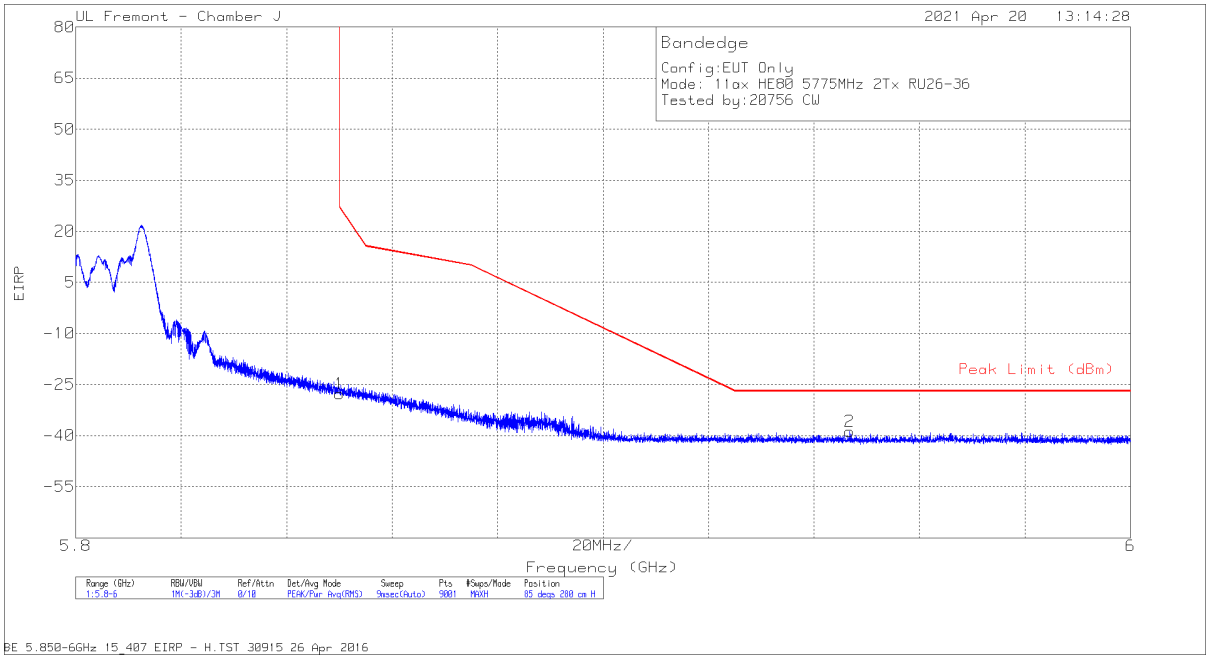
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 36**

## BANDEDGE (CHANNEL 155 HIGH EDGE)

### HORIZONTAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -55.35 | Pk | 35.2 | -19.4 | 11.8 | -27.75 | 26.95 | -54.7 | 85 | 280 | H |
| 2 | 5.9468 | -66.54 | Pk | 35.3 | -19.3 | 11.8 | -38.74 | -27 | -11.74 | 85 | 280 | H |

Pk - Peak detector



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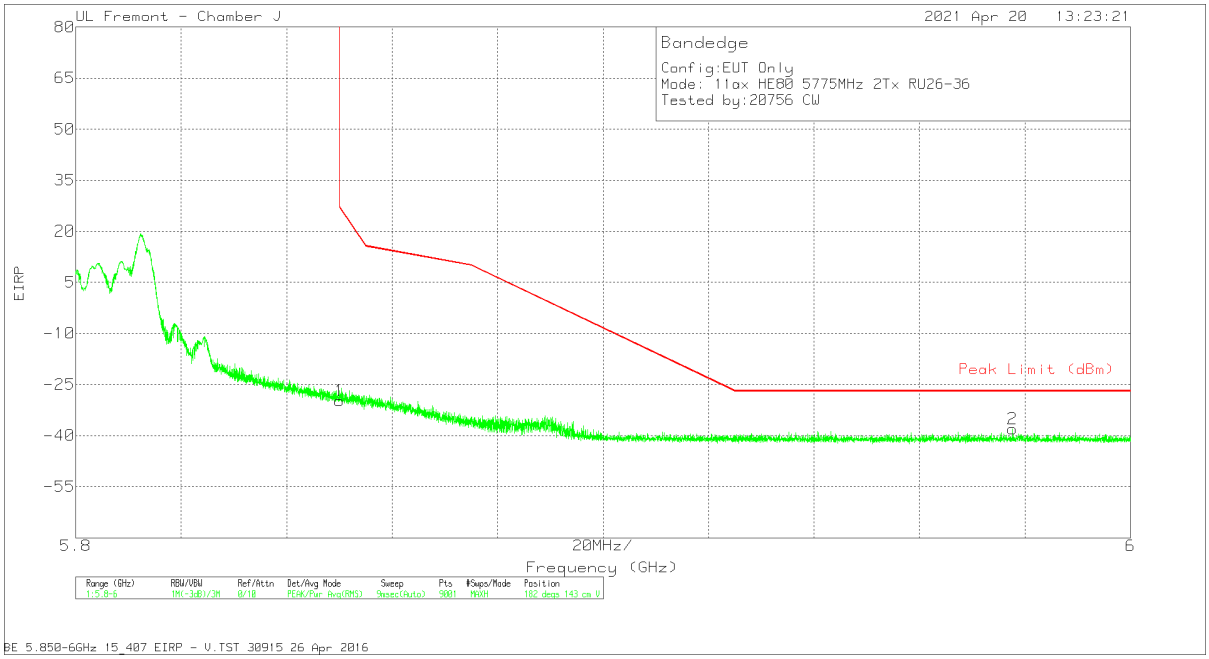
# VERTICAL RESULT




## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF PRE0100034 (dB/m) | Amp/Cbl/Fltr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.85002 | -57.32 | Pk | 35.2 | -19.4 | 11.8 | -29.72 | 26.95 | -56.67 | 182 | 143 | V |
| 2 | 5.97771 | -66.1 | Pk | 35.4 | -19.2 | 11.8 | -38.1 | -27 | -11.1 | 182 | 143 | V |

Pk - Peak detector



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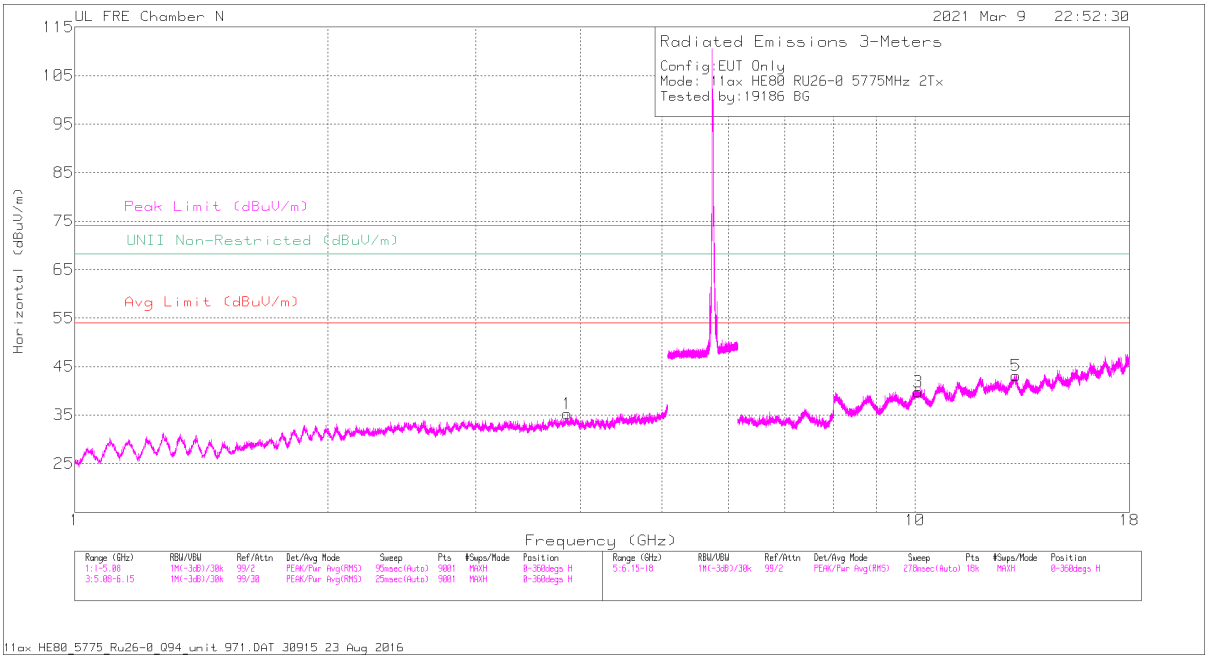
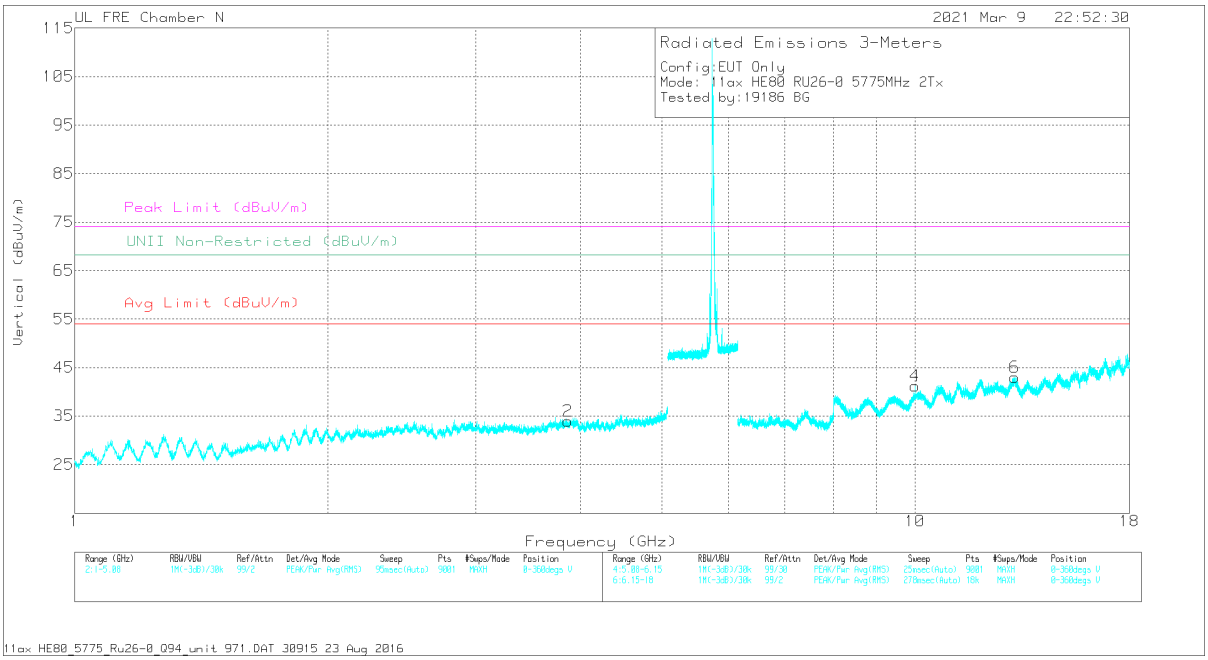
**2TX ANTENNA 6 + ANTENNA 5 OFDMA MODE – 26 Tones, RU Index 0**

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS




**HORIZONTAL**




**VERTICAL**



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# RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF PRE0213971 (dB/m) | Amp/Cbl/Fltr/Pad (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 | * 3.85699 | 56.51 | PK-U | 33.6 | -43.7 | 46.41 | - | - | 74 | -27.59 | - | - | 294 | 400 | H |
| | * 3.85666 | 44.65 | ADR | 33.6 | -43.7 | 34.55 | 54 | -19.45 | - | - | - | - | 294 | 400 | H |
| 2 | * 3.85932 | 54.16 | PK-U | 33.6 | -43.7 | 44.06 | - | - | 74 | -29.94 | - | - | 250 | 389 | V |
| | * 3.86018 | 42.48 | ADR | 33.6 | -43.7 | 32.38 | 54 | -21.62 | - | - | - | - | 250 | 389 | V |
| 4 | 10.00821 | 52.65 | PK-U | 37.2 | -40 | 49.85 | - | - | - | - | 68.2 | -18.35 | 339 | 266 | V |
| 3 | 10.0978 | 52.4 | PK-U | 37.2 | -40 | 49.6 | - | - | - | - | 68.2 | -18.6 | 43 | 244 | H |
| 6 | 13.13621 | 50.8 | PK-U | 39.3 | -37.2 | 52.9 | - | - | - | - | 68.2 | -15.3 | 339 | 176 | V |
| 5 | 13.19197 | 51.24 | PK-U | 39.3 | -37.6 | 52.94 | - | - | - | - | 68.2 | -15.26 | 327 | 171 | 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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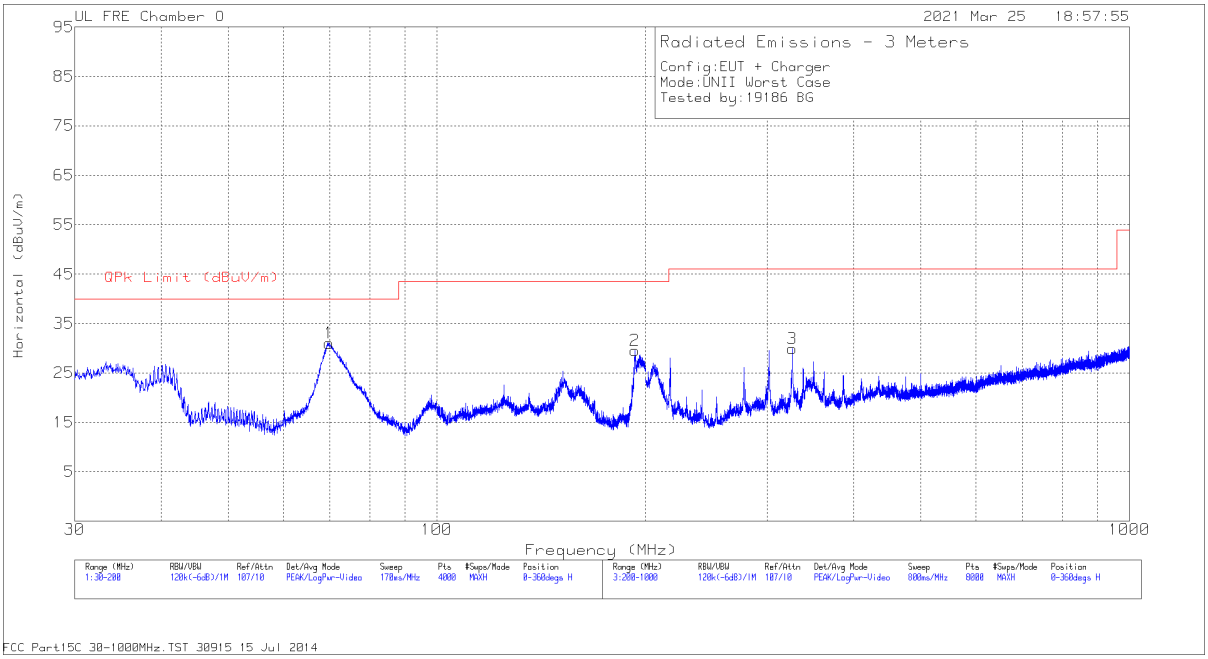
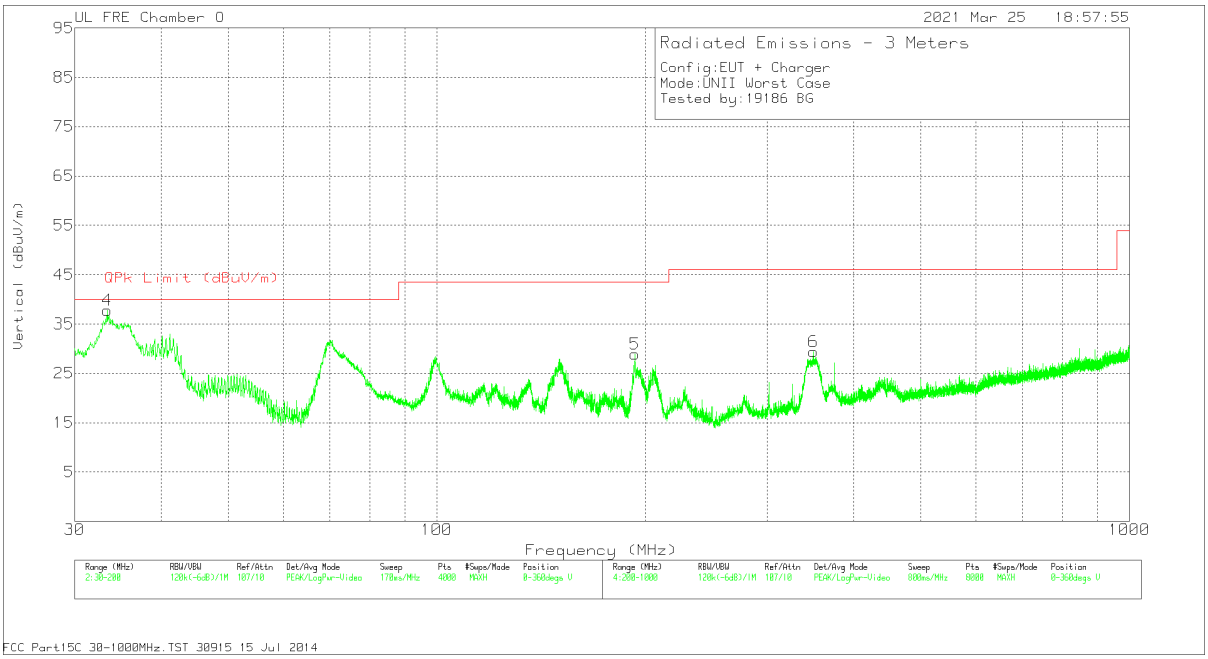
## 1.2. WORST CASE BELOW 1 GHz




**HORIZONTAL**




**VERTICAL**



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## Below 1GHz DATA

Range 1: Horizontal 30 - 200MHz

| Frequency (MHz) | Meter Reading (dBuV) | Det | AF 202329 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|
| 69.8547 | 46.25 | Qp | 14 | -32.2 | 28.05 | 40 | -11.95 | 73 | 244 | H |
| 193.0048 | 41.43 | Qp | 17.2 | -31.5 | 27.13 | 43.52 | -16.39 | 42 | 143 | H |

Range 2: Vertical 30 - 200MHz

| Frequency (MHz) | Meter Reading (dBuV) | Det | AF 202329 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|
| 33.5347 | 39.64 | Qp | 24.6 | -32.5 | 31.74 | 40 | -8.26 | 153 | 102 | V |
| 193.0174 | 39.09 | Qp | 17.2 | -31.5 | 24.79 | 43.52 | -18.73 | 254 | 108 | V |

Range 3: Horizontal 200 - 1000MHz

| Frequency (MHz) | Meter Reading (dBuV) | Det | AF 202329 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|
| * 325.6893 | 37.55 | Qp | 19.8 | -31 | 26.35 | 46.02 | -19.67 | 10 | 106 | H |

Range 4: Vertical 200 - 1000MHz

| Frequency (MHz) | Meter Reading (dBuV) | Det | AF 202329 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|---|---|---|---|---|---|---|---|---|---|---|
| 350.0459 | 38.91 | Qp | 20.1 | -30.9 | 28.11 | 46.02 | -17.91 | 89 | 260 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Qp - Quasi-Peak detector



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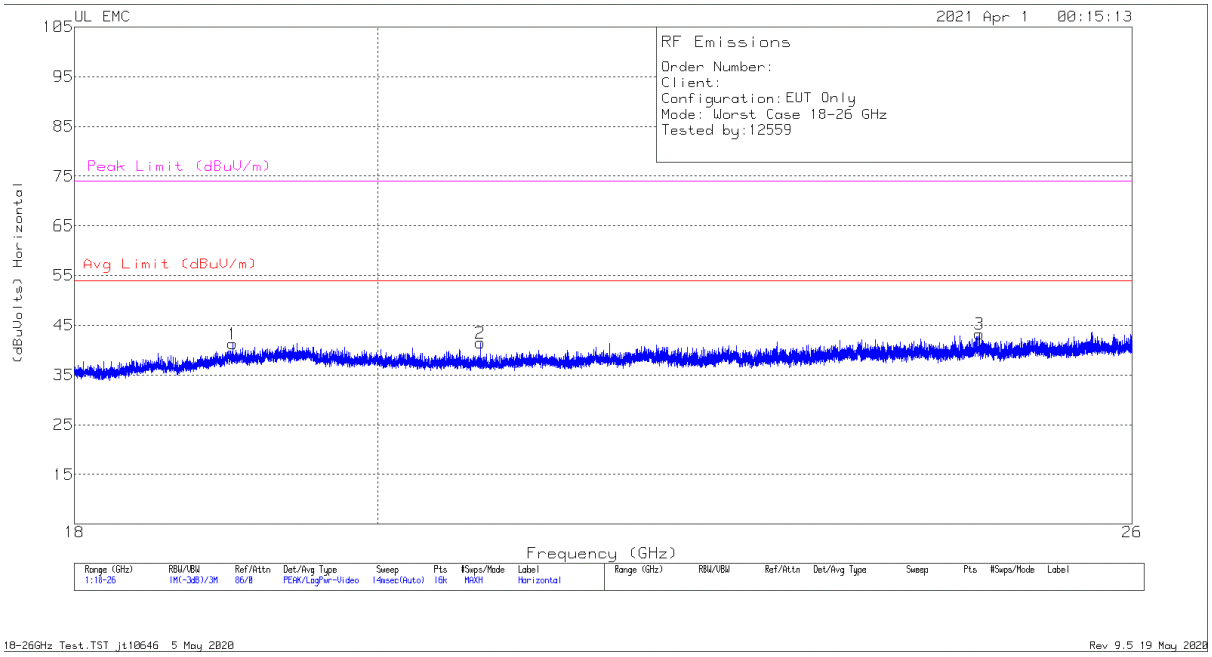
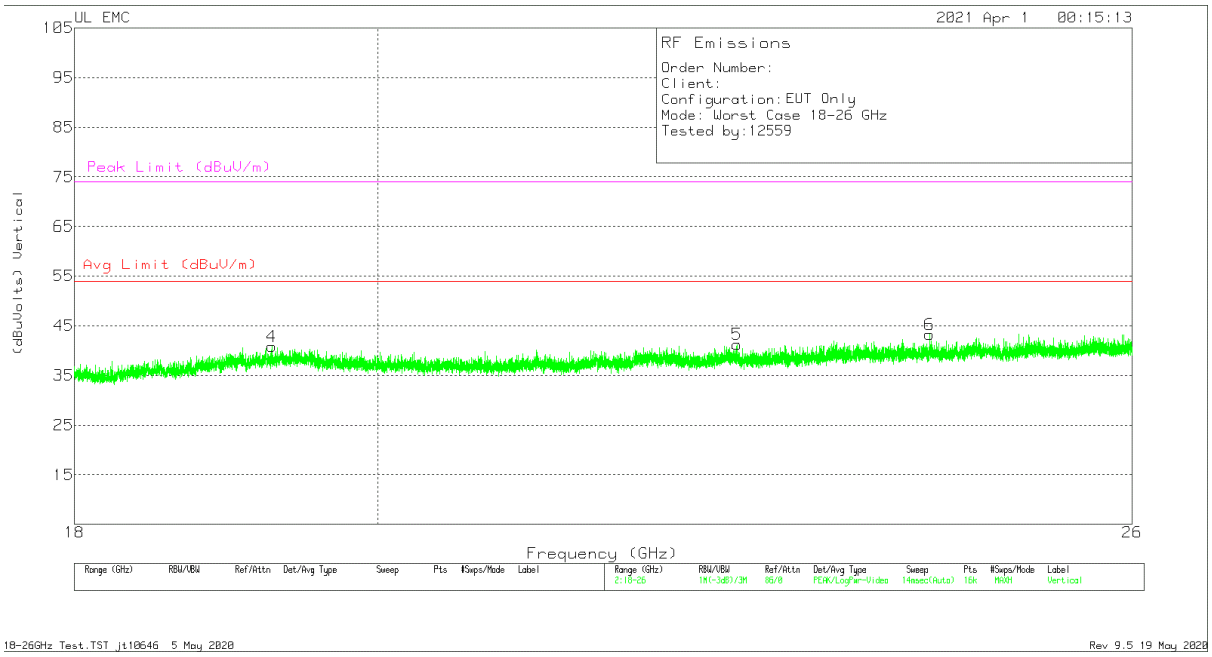
## 1.3. WORST CASE 18-26 GHz




**HORIZONTAL**




**VERTICAL**



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## 18 – 26GHz DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T125 AF (dB/m) | Amp/Cbl (dB) | Dist Corr (dB) | Corrected Reading (dBuVolts) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.01794 | 37.98 | Pk | 32.7 | -19.9 | -9.5 | 41.28 | 54 | -12.72 | 74 | -32.72 |
| 2 | 20.72883 | 39.27 | Pk | 33 | -21.3 | -9.5 | 41.47 | 54 | -12.53 | 74 | -32.53 |
| 3 | 24.65259 | 37.57 | Pk | 34.1 | -18.9 | -9.5 | 43.27 | 54 | -10.73 | 74 | -30.73 |
| 4 | 19.27892 | 37.02 | Pk | 32.7 | -19.4 | -9.5 | 40.82 | 54 | -13.18 | 74 | -33.18 |
| 5 | 22.66221 | 37.46 | Pk | 33.4 | -20.1 | -9.5 | 41.26 | 54 | -12.74 | 74 | -32.74 |
| 6 | 24.23211 | 38.25 | Pk | 33.8 | -19.3 | -9.5 | 43.25 | 54 | -10.75 | 74 | -30.75 |

Pk - Peak detector

**Note:** Measurement distance was 1 meter.



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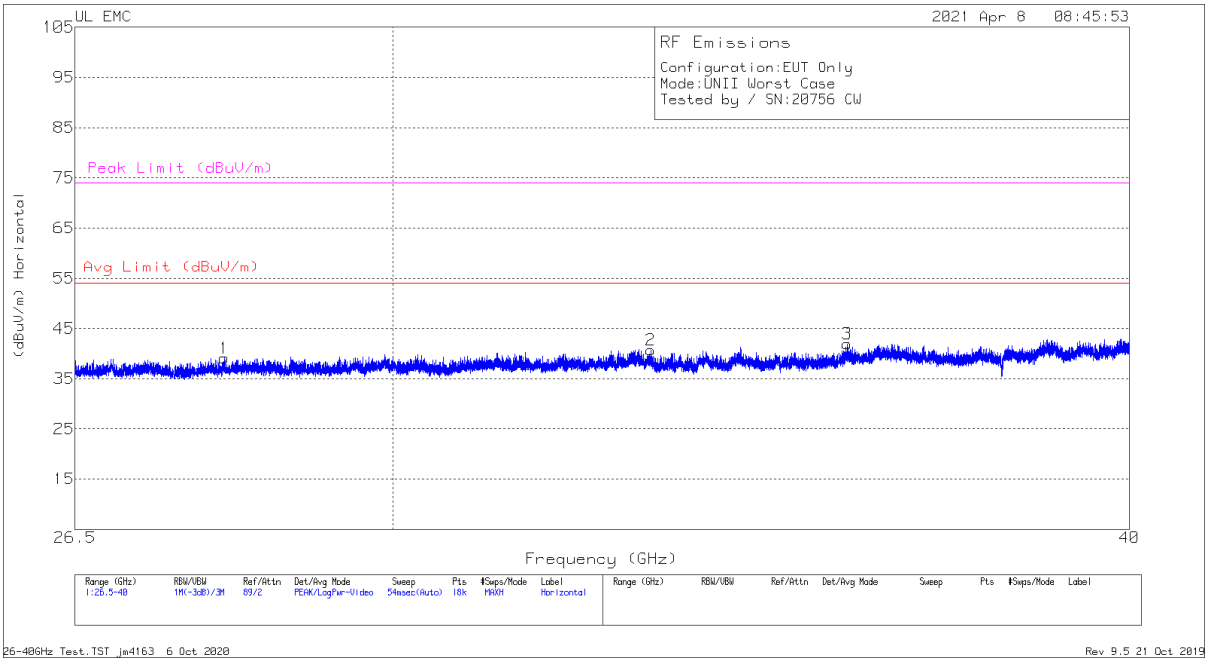
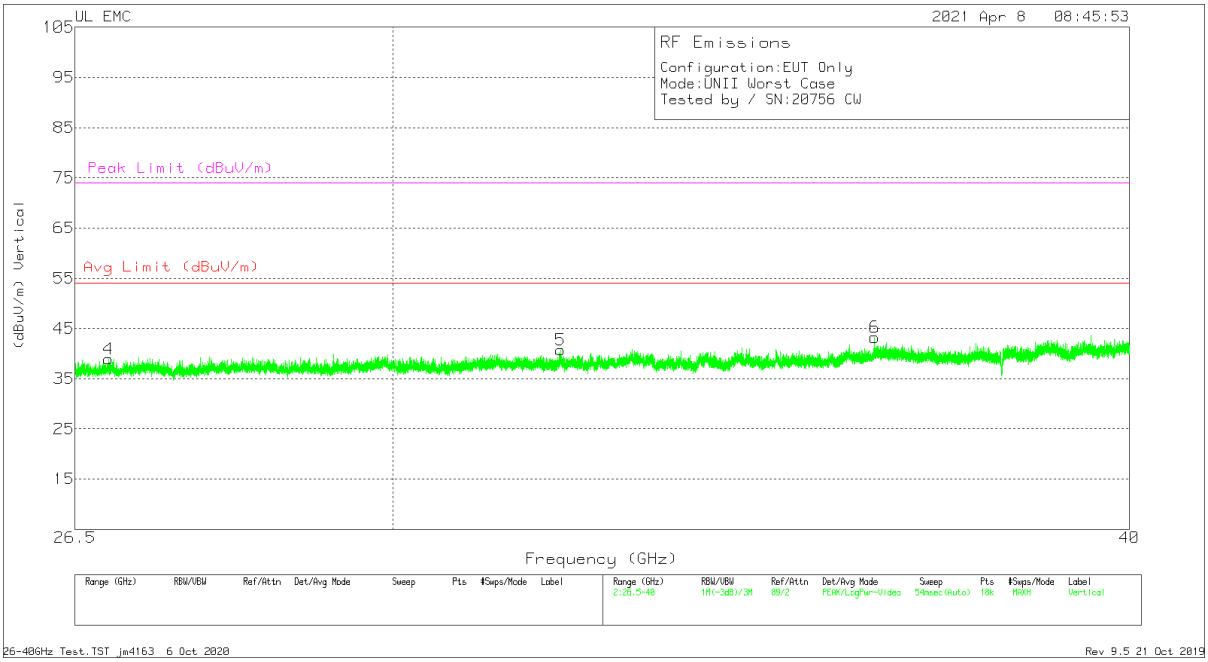
## 1.4. WORST CASE 26-40 GHz




**HORIZONTAL**

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## 26 – 40GHz DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T446 AF (dB/m) | Amp/Cbl (dB) | Dist Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28.0915 | 66.5 | Pk | 36.4 | -54.3 | -9.5 | 39.1 | 54 | -14.9 | 74 | -34.9 |
| 2 | 33.18025 | 66.23 | Pk | 37.7 | -53.7 | -9.5 | 40.73 | 54 | -13.27 | 74 | -33.27 |
| 3 | 35.827 | 68.24 | Pk | 38.3 | -55.1 | -9.5 | 41.94 | 54 | -12.06 | 74 | -32.06 |
| 4 | 26.848 | 68.92 | Pk | 36 | -56.5 | -9.5 | 38.92 | 54 | -15.08 | 74 | -35.08 |
| 5 | 32.032 | 66.01 | Pk | 37.2 | -53 | -9.5 | 40.71 | 54 | -13.29 | 74 | -33.29 |
| 6 | 36.21175 | 70.3 | Pk | 38.1 | -55.7 | -9.5 | 43.2 | 54 | -10.8 | 74 | -30.8 |

**Pk - Peak detector**

**Note:** Measurement distance was 1 meter.



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# 2. 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**



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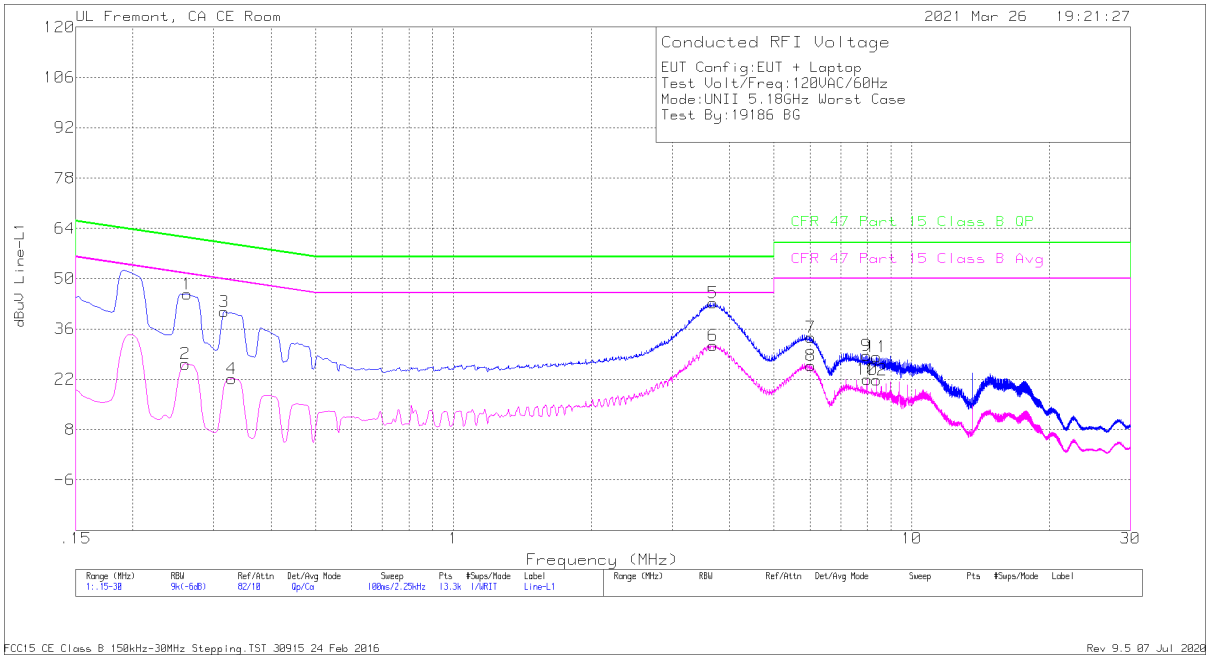
### 2.1.1. AC Power Line (EUT with Laptop)

## LINE 1 RESULTS




| Range 1: Line-L1 .15 - 30MHz | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | PRE018644 6 L1 | LC Cables C1&C3 dB | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 1 | .2625 | 35.63 | Qp | 0 | 0 | 10.1 | 45.73 | 61.35 | -15.62 | - | - |
| 2 | .26025 | 16.17 | Ca | 0 | 0 | 10.1 | 26.27 | - | - | 51.42 | -25.15 |
| 3 | .3165 | 30.69 | Qp | 0 | 0 | 10.1 | 40.79 | 59.8 | -19.01 | - | - |
| 4 | .32888 | 12 | Ca | 0 | 0 | 10.1 | 22.1 | - | - | 49.48 | -27.38 |
| 5 | 3.68475 | 32.93 | Qp | 0 | .1 | 10.2 | 43.23 | 56 | -12.77 | - | - |
| 6 | 3.687 | 21.08 | Ca | 0 | .1 | 10.2 | 31.38 | - | - | 46 | -14.62 |
| 7 | 6.02475 | 23.42 | Qp | 0 | .1 | 10.2 | 33.72 | 60 | -26.28 | - | - |
| 8 | 6.027 | 15.55 | Ca | 0 | .1 | 10.2 | 25.85 | - | - | 50 | -24.15 |
| 9 | 7.971 | 18.31 | Qp | 0 | .1 | 10.2 | 28.61 | 60 | -31.39 | - | - |
| 10 | 7.9845 | 11.69 | Ca | 0 | .1 | 10.2 | 21.99 | - | - | 50 | -28.01 |
| 11 | 8.38275 | 17.81 | Qp | 0 | .2 | 10.2 | 28.21 | 60 | -31.79 | - | - |
| 12 | 8.38275 | 11.36 | Ca | 0 | .2 | 10.2 | 21.76 | - | - | 50 | -28.24 |

Qp - Quasi-Peak detector
Ca - CISPR average detection



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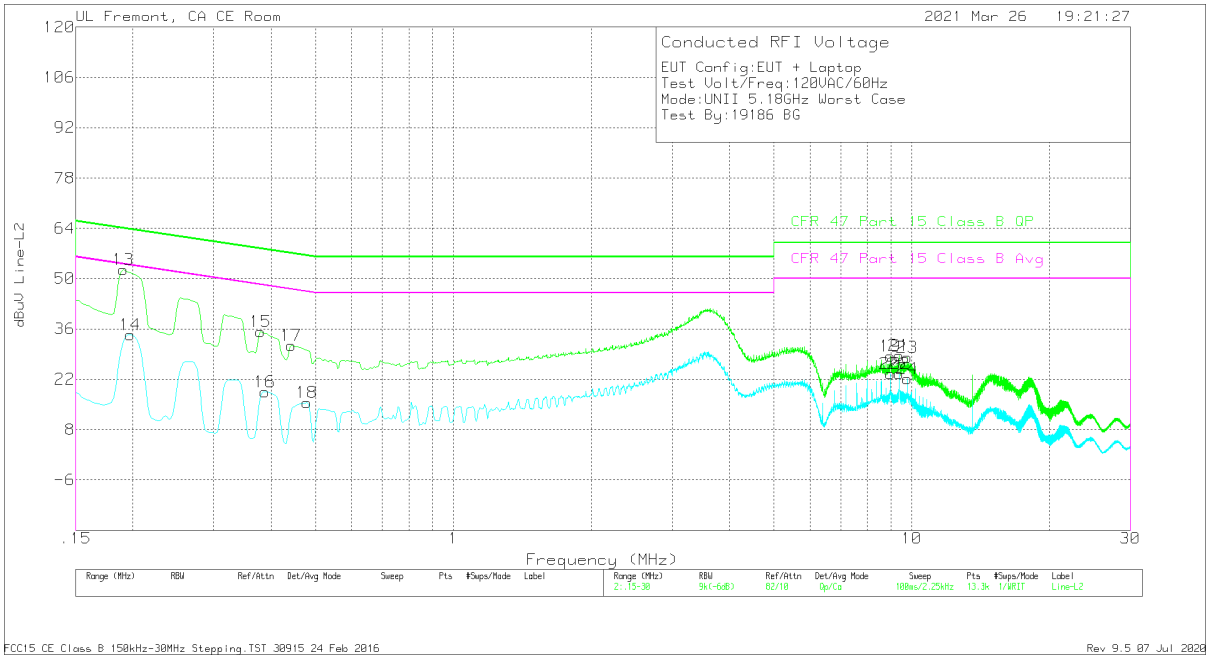
# LINE 2 RESULTS




| Range 2: Line-L2 .15 - 30MHz | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | PRE018644 6 L2 | LC Cables C2&C3 dB | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 13 | .1905 | 42.36 | Qp | 0 | 0 | 10.1 | 52.46 | 64.01 | -11.55 | - | - |
| 14 | .19725 | 24.25 | Ca | 0 | 0 | 10.1 | 34.35 | - | - | 53.73 | -19.38 |
| 15 | .3795 | 25.12 | Qp | 0 | 0 | 10.1 | 35.22 | 58.29 | -23.07 | - | - |
| 16 | .3885 | 8.37 | Ca | 0 | 0 | 10.1 | 18.47 | - | - | 48.1 | -29.63 |
| 17 | .4425 | 21.32 | Qp | 0 | 0 | 10.1 | 31.42 | 57.01 | -25.59 | - | - |
| 18 | .4785 | 5.4 | Ca | 0 | 0 | 10.1 | 15.5 | - | - | 46.37 | -30.87 |
| 19 | 8.97675 | 18 | Qp | 0 | .2 | 10.2 | 28.4 | 60 | -31.6 | - | - |
| 20 | 8.988 | 13.12 | Ca | 0 | .2 | 10.2 | 23.52 | - | - | 50 | -26.48 |
| 21 | 9.3885 | 18.22 | Qp | 0 | .2 | 10.2 | 28.62 | 60 | -31.38 | - | - |
| 22 | 9.3885 | 13.18 | Ca | 0 | .2 | 10.2 | 23.58 | - | - | 50 | -26.42 |
| 23 | 9.78675 | 17.74 | Qp | 0 | .2 | 10.2 | 28.14 | 60 | -31.86 | - | - |
| 24 | 9.78675 | 11.84 | Ca | 0 | .2 | 10.2 | 22.24 | - | - | 50 | -27.76 |

Qp - Quasi-Peak detector
Ca - CISPR average detection



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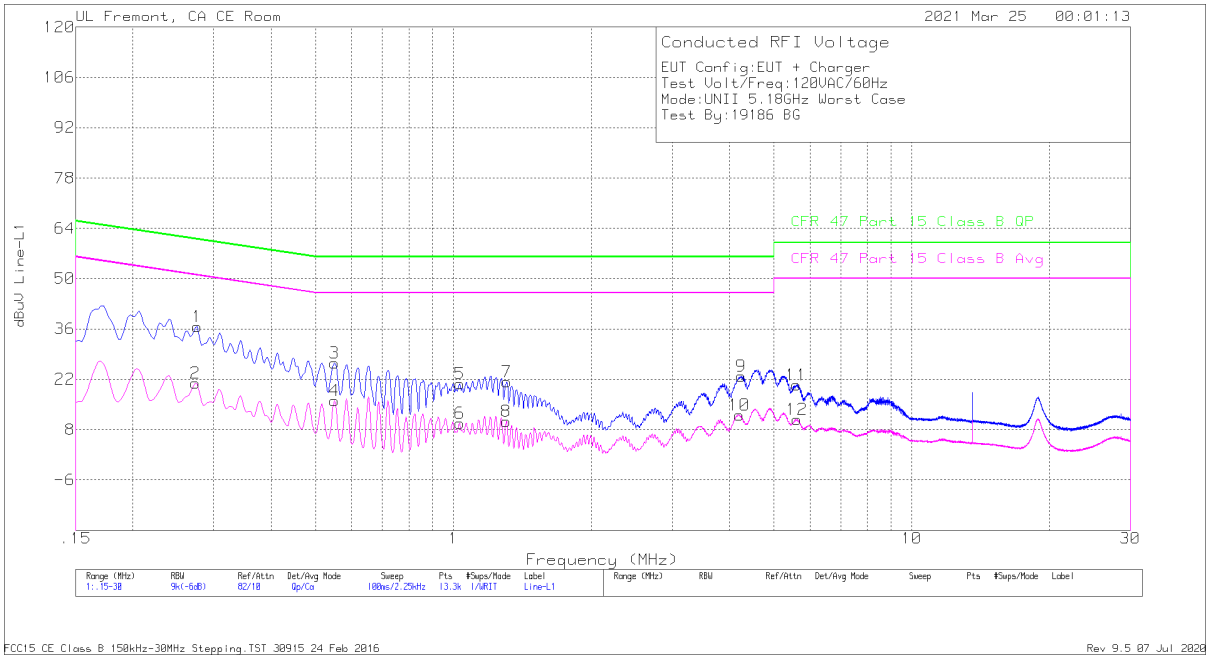
## 2.1.2. AC Power Line (EUT with charger)

## LINE 1 RESULTS




| Range 1: Line-L1 .15 - 30MHz | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | PRE018644 6 L1 | LC Cables C1&C3 dB | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 1 | .276 | 26.57 | Qp | 0 | 0 | 10.1 | 36.67 | 60.94 | -24.27 | - | - |
| 2 | .27375 | 10.91 | Ca | 0 | 0 | 10.1 | 21.01 | - | - | 51 | -29.99 |
| 3 | .5505 | 16.41 | Qp | 0 | 0 | 10.1 | 26.51 | 56 | -29.49 | - | - |
| 4 | .5505 | 6.03 | Ca | 0 | 0 | 10.1 | 16.13 | - | - | 46 | -29.87 |
| 5 | 1.032 | 10.51 | Qp | 0 | .1 | 10.1 | 20.71 | 56 | -35.29 | - | - |
| 6 | 1.032 | -.47 | Ca | 0 | .1 | 10.1 | 9.73 | - | - | 46 | -36.27 |
| 7 | 1.3065 | 11.05 | Qp | 0 | .1 | 10.1 | 21.25 | 56 | -34.75 | - | - |
| 8 | 1.30425 | .13 | Ca | 0 | .1 | 10.1 | 10.33 | - | - | 46 | -35.67 |
| 9 | 4.2495 | 12.51 | Qp | 0 | .1 | 10.2 | 22.81 | 56 | -33.19 | - | - |
| 10 | 4.21125 | 1.75 | Ca | 0 | .1 | 10.2 | 12.05 | - | - | 46 | -33.95 |
| 11 | 5.595 | 10.06 | Qp | 0 | .1 | 10.2 | 20.36 | 60 | -39.64 | - | - |
| 12 | 5.613 | .56 | Ca | 0 | .1 | 10.2 | 10.86 | - | - | 50 | -39.14 |

Qp - Quasi-Peak detector
Ca - CISPR average detection



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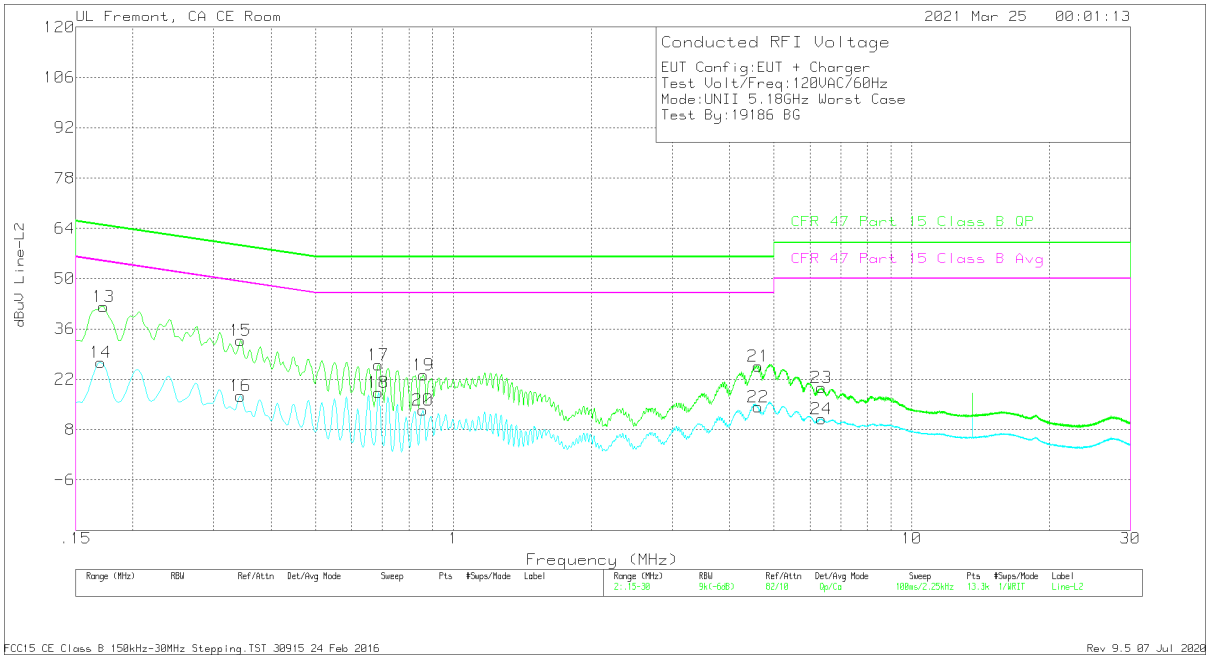
# LINE 2 RESULTS




| Range 2: Line-L2 .15 - 30MHz | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | PRE018644 6 L2 | LC Cables C2&C3 dB | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 13 | .1725 | 32.19 | Qp | 0 | 0 | 10.1 | 42.29 | 64.84 | -22.55 | - | - |
| 14 | .17025 | 16.67 | Ca | 0 | 0 | 10.1 | 26.77 | - | - | 54.95 | -28.18 |
| 15 | .3435 | 22.74 | Qp | 0 | 0 | 10.1 | 32.84 | 59.12 | -26.28 | - | - |
| 16 | .3435 | 7.27 | Ca | 0 | 0 | 10.1 | 17.37 | - | - | 49.12 | -31.75 |
| 17 | .6855 | 15.97 | Qp | 0 | 0 | 10.1 | 26.07 | 56 | -29.93 | - | - |
| 18 | .6855 | 8.16 | Ca | 0 | 0 | 10.1 | 18.26 | - | - | 46 | -27.74 |
| 19 | .861 | 13.03 | Qp | 0 | .1 | 10.1 | 23.23 | 56 | -32.77 | - | - |
| 20 | .85875 | 3.27 | Ca | 0 | .1 | 10.1 | 13.47 | - | - | 46 | -32.53 |
| 21 | 4.62975 | 15.4 | Qp | 0 | .1 | 10.2 | 25.7 | 56 | -30.3 | - | - |
| 22 | 4.62075 | 4.03 | Ca | 0 | .1 | 10.2 | 14.33 | - | - | 46 | -31.67 |
| 23 | 6.351 | 9.37 | Qp | 0 | .1 | 10.2 | 19.67 | 60 | -40.33 | - | - |
| 24 | 6.34875 | .69 | Ca | 0 | .1 | 10.2 | 10.99 | - | - | 50 | -39.01 |

Qp - Quasi-Peak detector
Ca - CISPR average detection

# END OF TEST REPORT



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# 3. SETUP PHOTOS

Please refer to 13571607-EP1V1 for setup photos



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