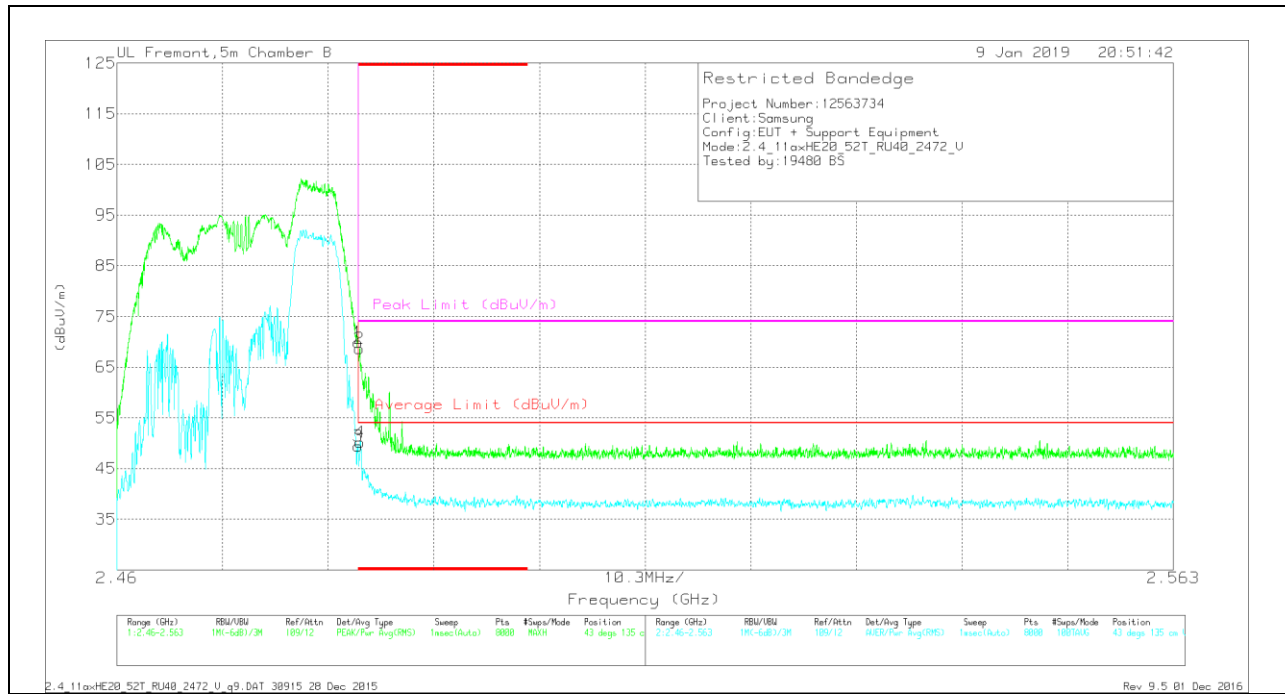


VERTICAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/Filtr/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 | * 2.484 | 57.66 | Pk | 32.6 | -20.3 | 0 | 69.96 | - | - | 74 | -4.04 | 43 | 135 | V |
| 2 | * 2.484 | 56.49 | Pk | 32.6 | -20.4 | 0 | 68.69 | - | - | 74 | -5.31 | 43 | 135 | V |
| 3 | * 2.484 | 37.16 | RMS | 32.6 | -20.3 | .16 | 49.62 | 54 | -4.38 | - | - | 43 | 135 | V |
| 4 | * 2.484 | 37.96 | RMS | 32.6 | -20.4 | .16 | 50.32 | 54 | -3.68 | - | - | 43 | 135 | V |

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

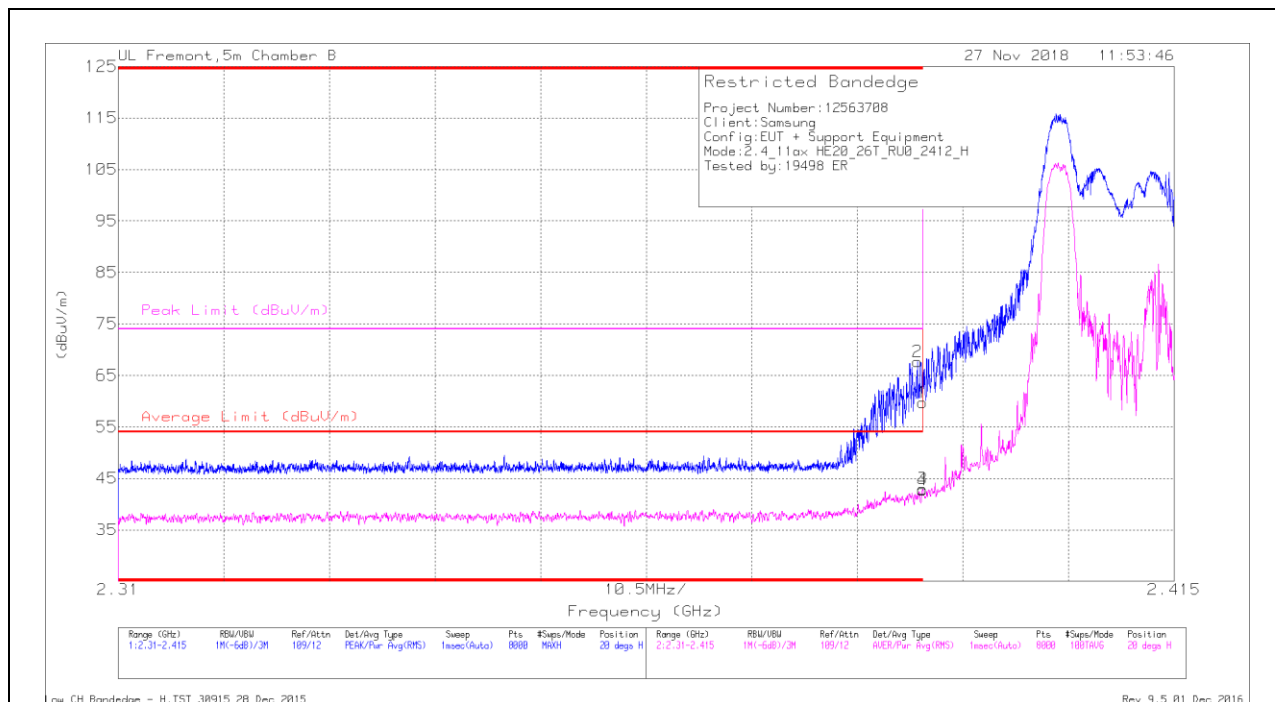
Pk - Peak detector

RMS - RMS detection

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU index 0

BANDEGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

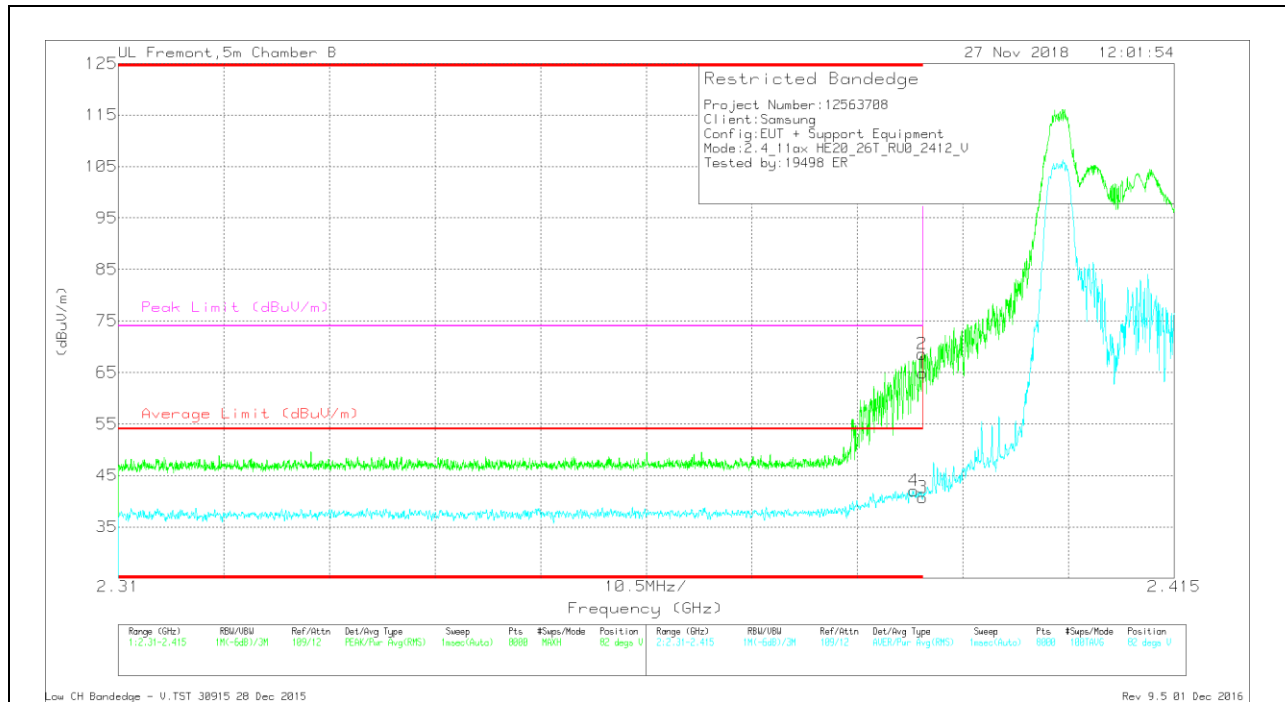
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2 | * 2.389 | 56.05 | Pk | 32.3 | -20.7 | 0 | 67.65 | - | - | 74 | -6.35 | 20 | 151 | H |
| 1 | * 2.39 | 48.1 | Pk | 32.3 | -20.7 | 0 | 59.7 | - | - | 74 | -14.3 | 20 | 151 | H |
| 3 | * 2.39 | 30.88 | RMS | 32.3 | -20.7 | .11 | 42.59 | 54 | -11.41 | - | - | 20 | 151 | H |
| 4 | * 2.39 | 30.72 | RMS | 32.3 | -20.7 | .11 | 42.43 | 54 | -11.57 | - | - | 20 | 151 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT863 (dB/m) | Amp/Cbi/Fitr/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 |
|--------|-----------------|----------------------|-----|---------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4 | * 2.389 | 30.09 | RMS | 32.3 | -20.8 | .11 | 41.7 | 54 | -12.3 | - | - | 82 | 119 | V |
| 1 | * 2.39 | 53.31 | Pk | 32.3 | -20.7 | 0 | 64.91 | - | - | 74 | -9.09 | 82 | 119 | V |
| 2 | * 2.39 | 57 | Pk | 32.3 | -20.7 | 0 | 68.6 | - | - | 74 | -5.4 | 82 | 119 | V |
| 3 | * 2.39 | 28.66 | RMS | 32.3 | -20.7 | .11 | 40.37 | 54 | -13.63 | - | - | 82 | 119 | V |

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

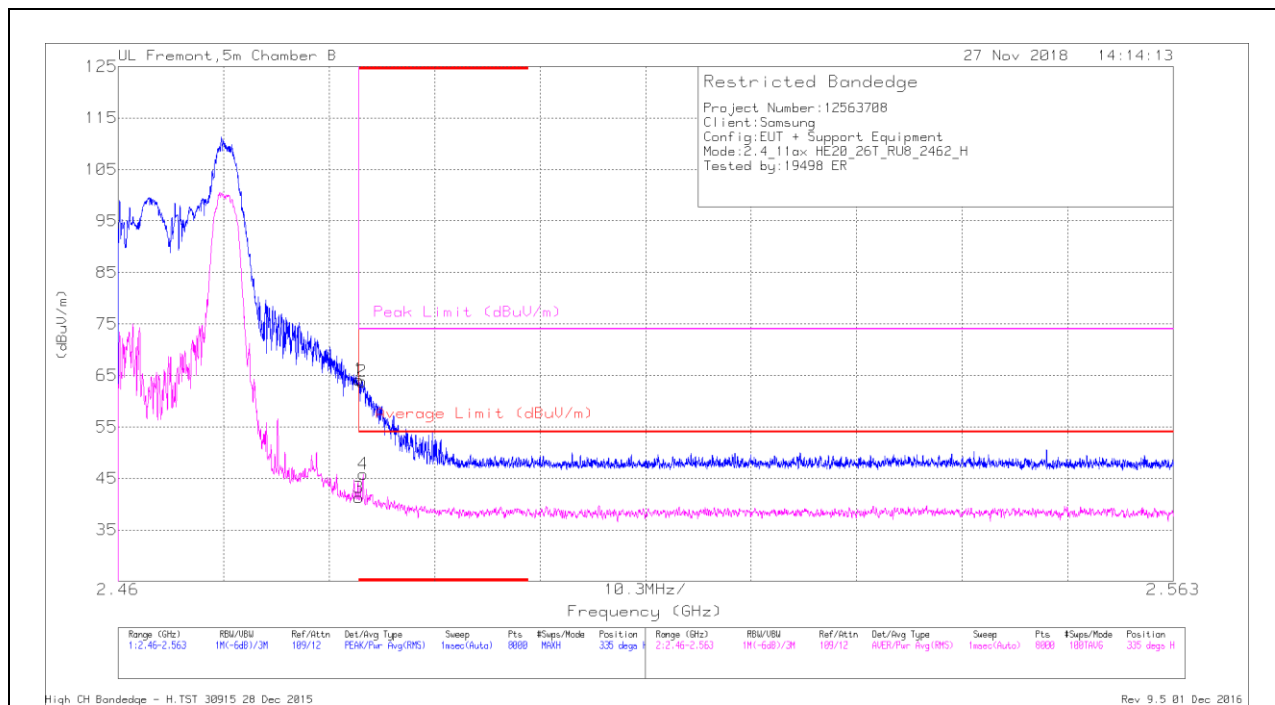
Pk - Peak detector

RMS - RMS detection

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU index 8

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

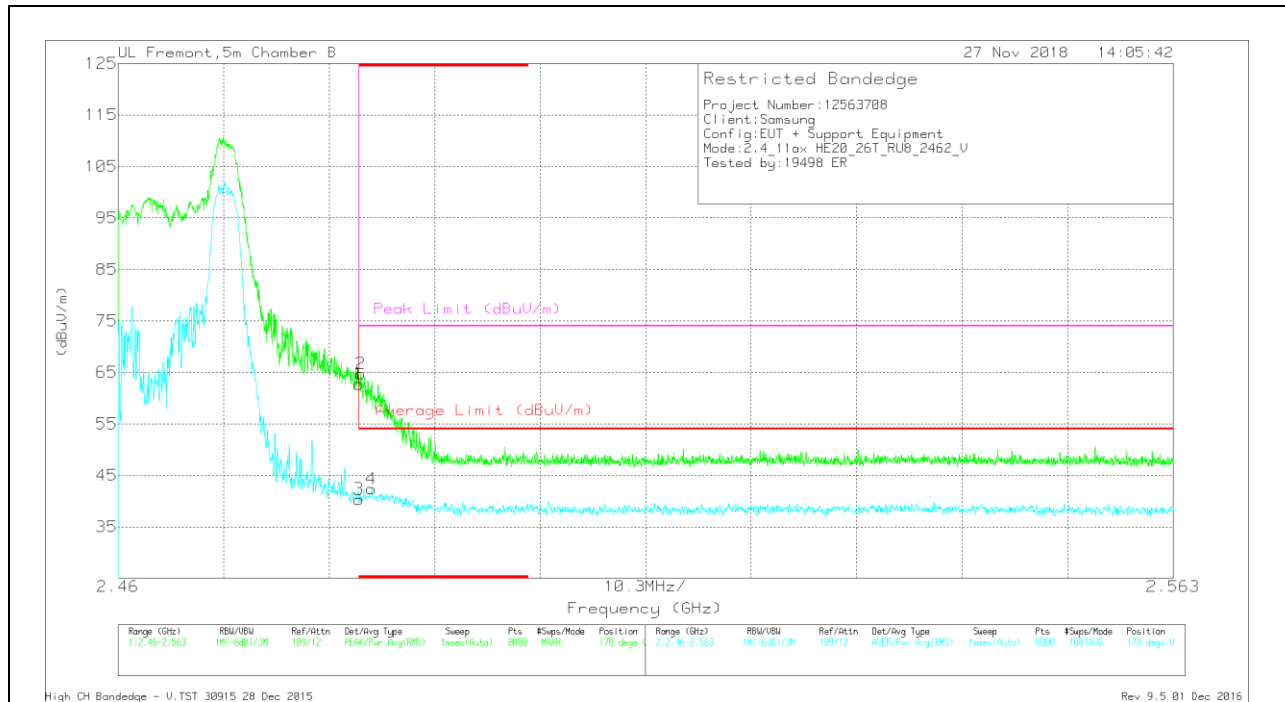
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.484 | 51.87 | Pk | 32.6 | -20.3 | 0 | 64.17 | - | - | 74 | -9.83 | 335 | 188 | H |
| 2 | * 2.484 | 51.65 | Pk | 32.6 | -20.4 | 0 | 63.85 | - | - | 74 | -10.15 | 335 | 188 | H |
| 3 | * 2.484 | 28.5 | RMS | 32.6 | -20.3 | .11 | 40.91 | 54 | -13.09 | - | - | 335 | 188 | H |
| 4 | * 2.484 | 33.16 | RMS | 32.6 | -20.4 | .11 | 45.47 | 54 | -8.53 | - | - | 335 | 188 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AFT863 (dB/m) | Amp/Cbi/Fitr/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 | * 2.484 | 50.44 | Pk | 32.6 | -20.3 | 0 | 62.74 | - | - | 74 | -11.26 | 178 | 316 | V |
| 2 | * 2.484 | 52.52 | Pk | 32.6 | -20.4 | 0 | 64.72 | - | - | 74 | -9.28 | 178 | 316 | V |
| 3 | * 2.484 | 27.6 | RMS | 32.6 | -20.3 | .11 | 40.01 | 54 | -13.99 | - | - | 178 | 316 | V |
| 4 | * 2.485 | 29.61 | RMS | 32.6 | -20.3 | .11 | 42.02 | 54 | -11.98 | - | - | 178 | 316 | V |

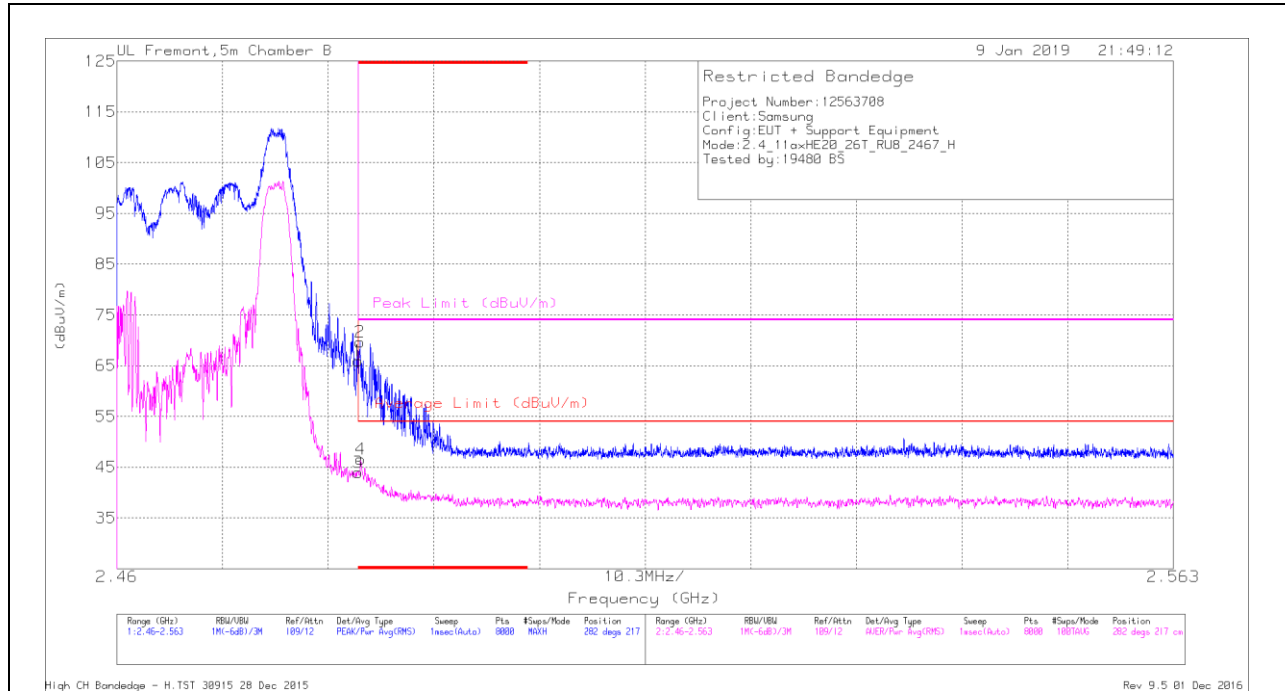
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Trace Markers

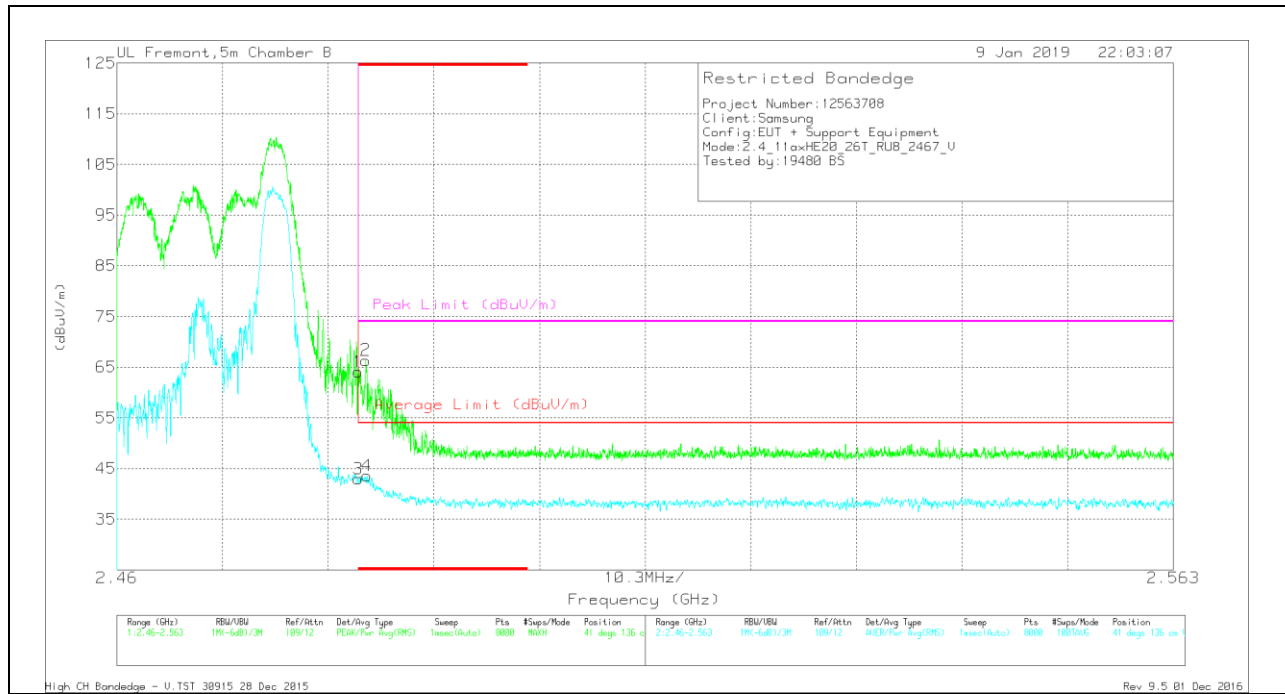
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.484 | 53.67 | Pk | 32.6 | -20.3 | 0 | 65.97 | - | - | 74 | -8.03 | 282 | 217 | H |
| 2 | * 2.484 | 57.43 | Pk | 32.6 | -20.4 | 0 | 69.63 | - | - | 74 | -4.37 | 282 | 217 | H |
| 3 | * 2.484 | 31.7 | RMS | 32.6 | -20.3 | .11 | 44.11 | 54 | -9.89 | - | - | 282 | 217 | H |
| 4 | * 2.484 | 34.41 | RMS | 32.6 | -20.4 | .11 | 46.72 | 54 | -7.28 | - | - | 282 | 217 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/Filtr/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 | * 2.484 | 51.72 | Pk | 32.6 | -20.3 | 0 | 64.02 | - | - | 74 | -9.98 | 41 | 136 | V |
| 2 | * 2.484 | 54.17 | Pk | 32.6 | -20.4 | 0 | 66.37 | - | - | 74 | -7.63 | 41 | 136 | V |
| 3 | * 2.484 | 30.6 | RMS | 32.6 | -20.3 | .11 | 43.01 | 54 | -10.99 | - | - | 41 | 136 | V |
| 4 | * 2.484 | 31.28 | RMS | 32.6 | -20.4 | .11 | 43.59 | 54 | -10.41 | - | - | 41 | 136 | V |

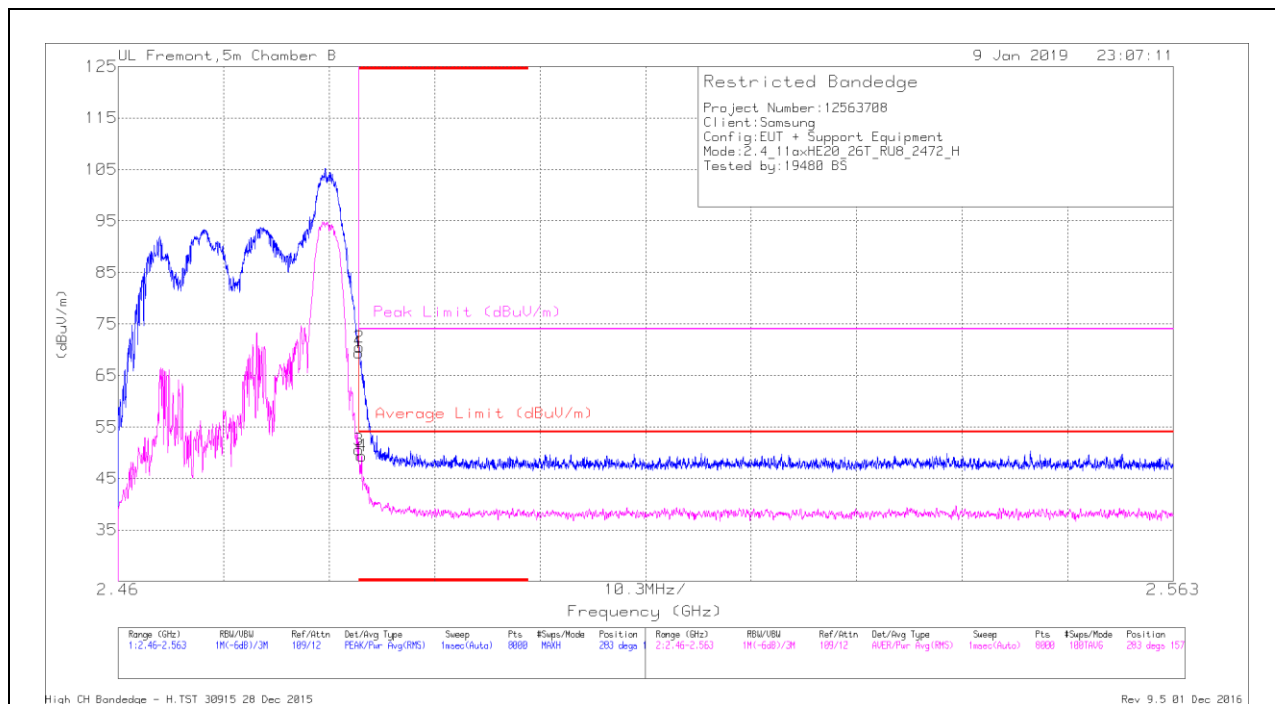
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Trace Markers

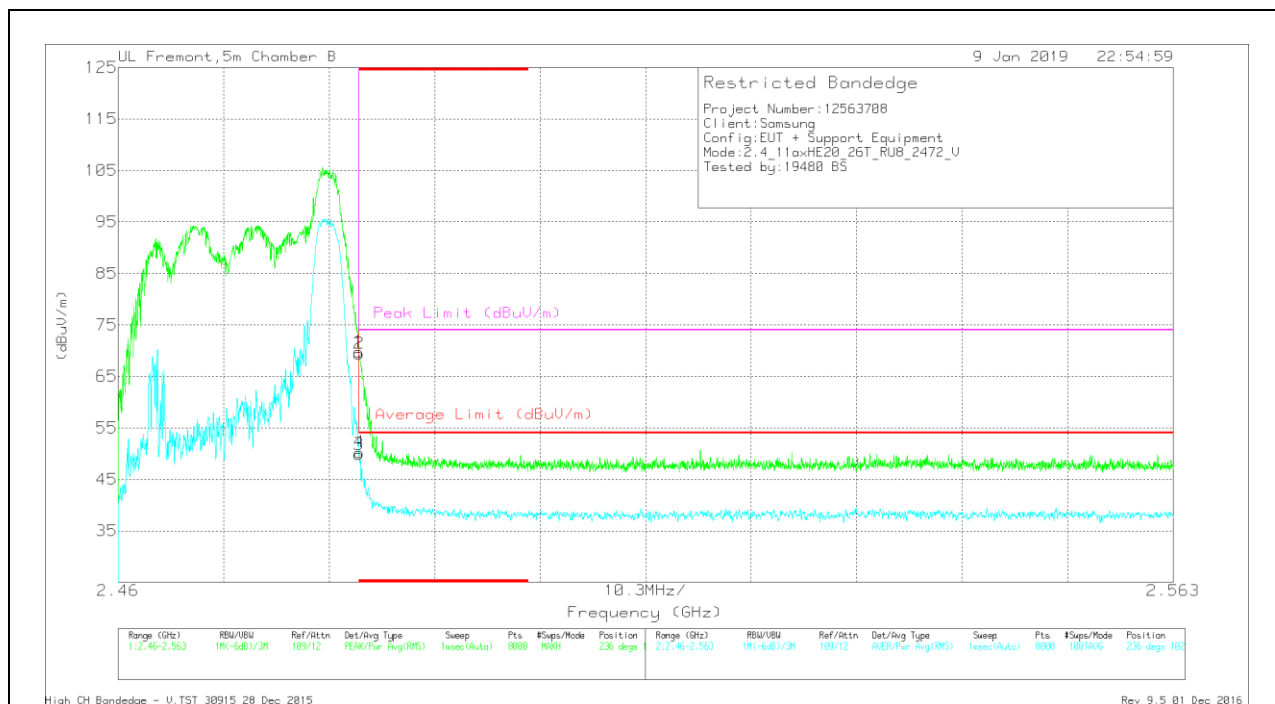
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.484 | 57.12 | Pk | 32.6 | -20.3 | 0 | 69.42 | - | - | 74 | -4.58 | 283 | 157 | H |
| 2 | * 2.484 | 58.18 | Pk | 32.6 | -20.3 | 0 | 70.48 | - | - | 74 | -3.52 | 283 | 157 | H |
| 3 | * 2.484 | 38.17 | RMS | 32.6 | -20.3 | .11 | 50.58 | 54 | -3.42 | - | - | 283 | 157 | H |
| 4 | * 2.484 | 37.09 | RMS | 32.6 | -20.4 | .11 | 49.4 | 54 | -4.6 | - | - | 283 | 157 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/Filtr/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 | * 2.484 | 57.47 | Pk | 32.6 | -20.3 | 0 | 69.77 | - | - | 74 | -4.23 | 236 | 102 | V |
| 2 | * 2.484 | 57.15 | Pk | 32.6 | -20.3 | 0 | 69.45 | - | - | 74 | -4.55 | 236 | 102 | V |
| 3 | * 2.484 | 37.46 | RMS | 32.6 | -20.3 | .11 | 49.87 | 54 | -4.13 | - | - | 236 | 102 | V |
| 4 | * 2.484 | 37.85 | RMS | 32.6 | -20.3 | .11 | 50.26 | 54 | -3.74 | - | - | 236 | 102 | V |

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

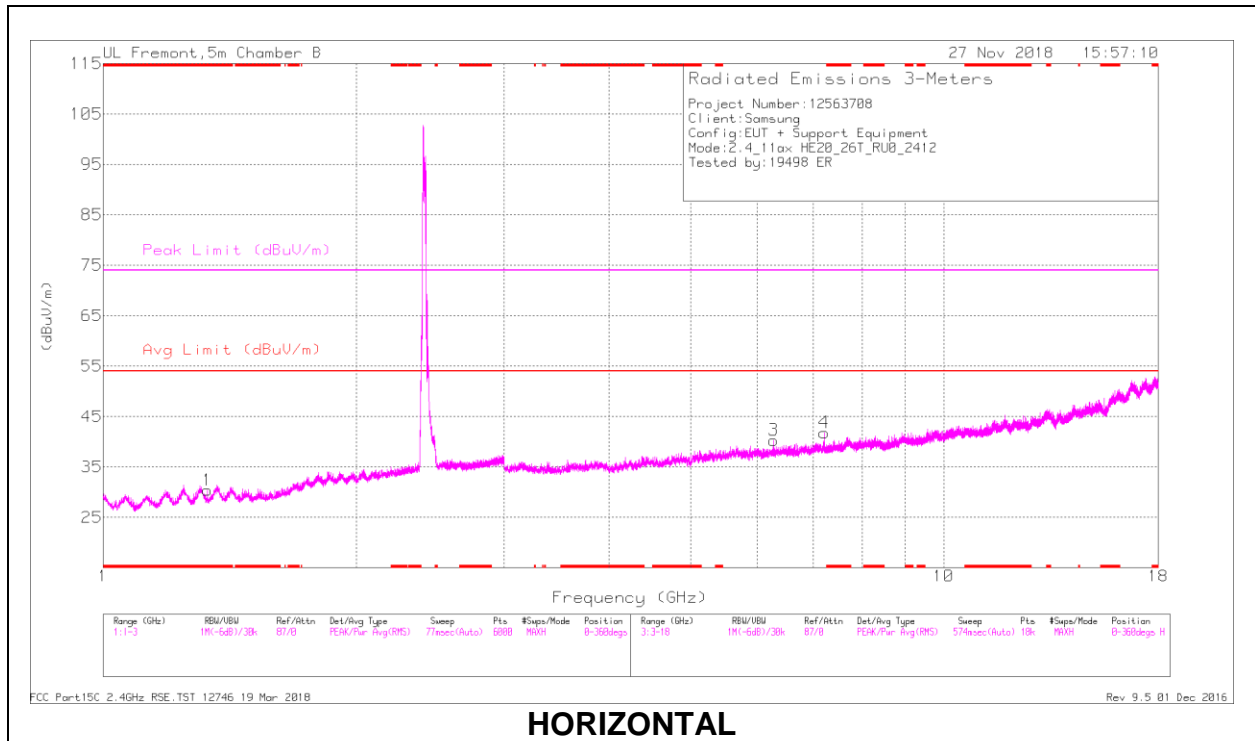
Pk - Peak detector

RMS - RMS detection

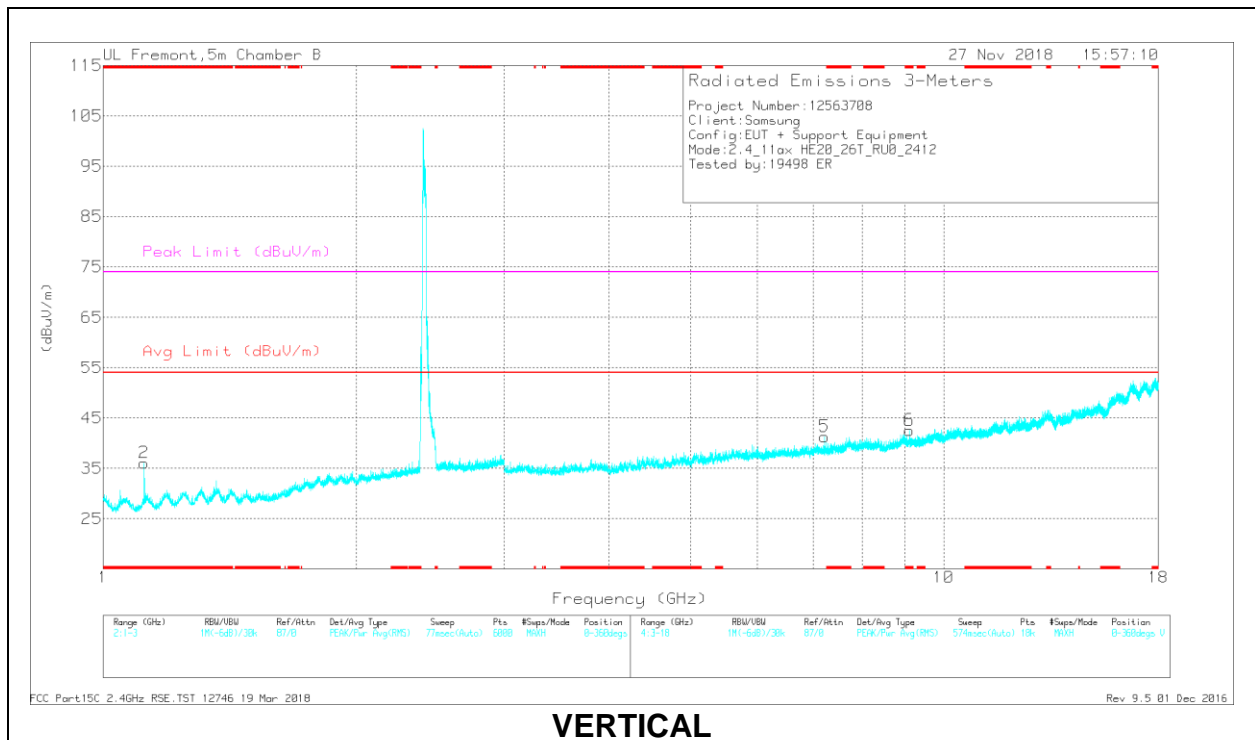
HARMONICS AND SPURIOUS EMISSIONS

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU index 0

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 1.332 | 28.32 | PK2 | 28.4 | -21.4 | 0 | 35.32 | - | - | 74 | -38.68 | 193 | 144 | H |
| | * 1.329 | 17.09 | MAv1 | 28.4 | -21.3 | .11 | 24.3 | 54 | -29.7 | - | - | 193 | 144 | H |
| 2 | * 1.119 | 31.15 | PK2 | 27.4 | -22.4 | 0 | 36.15 | - | - | 74 | -37.85 | 246 | 279 | V |
| | * 1.12 | 19.28 | MAv1 | 27.4 | -22.5 | .11 | 24.29 | 54 | -29.71 | - | - | 246 | 279 | V |
| 6 | * 9.107 | 34.59 | PK2 | 36.8 | -24.6 | 0 | 46.79 | - | - | 74 | -27.21 | 317 | 219 | V |
| | * 9.106 | 23.96 | MAv1 | 36.8 | -24.6 | .11 | 36.27 | 54 | -17.73 | - | - | 317 | 219 | V |
| 3 | 6.279 | 37.36 | PK2 | 35.6 | -28.4 | 0 | 44.56 | - | - | - | - | 255 | 163 | H |
| 5 | 7.21 | 37.98 | PK2 | 35.9 | -27 | 0 | 46.88 | - | - | - | - | 76 | 228 | V |
| 4 | 7.212 | 37.23 | PK2 | 35.9 | -27.1 | 0 | 46.03 | - | - | - | - | 167 | 182 | H |

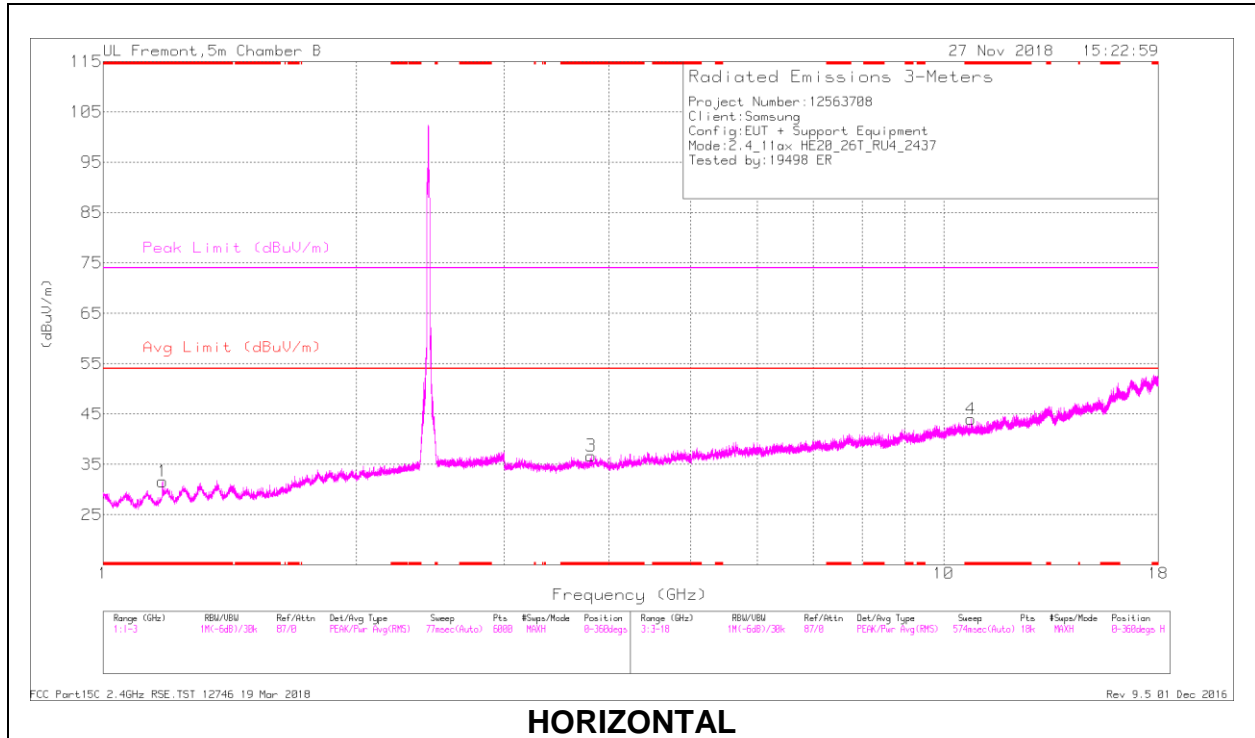
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

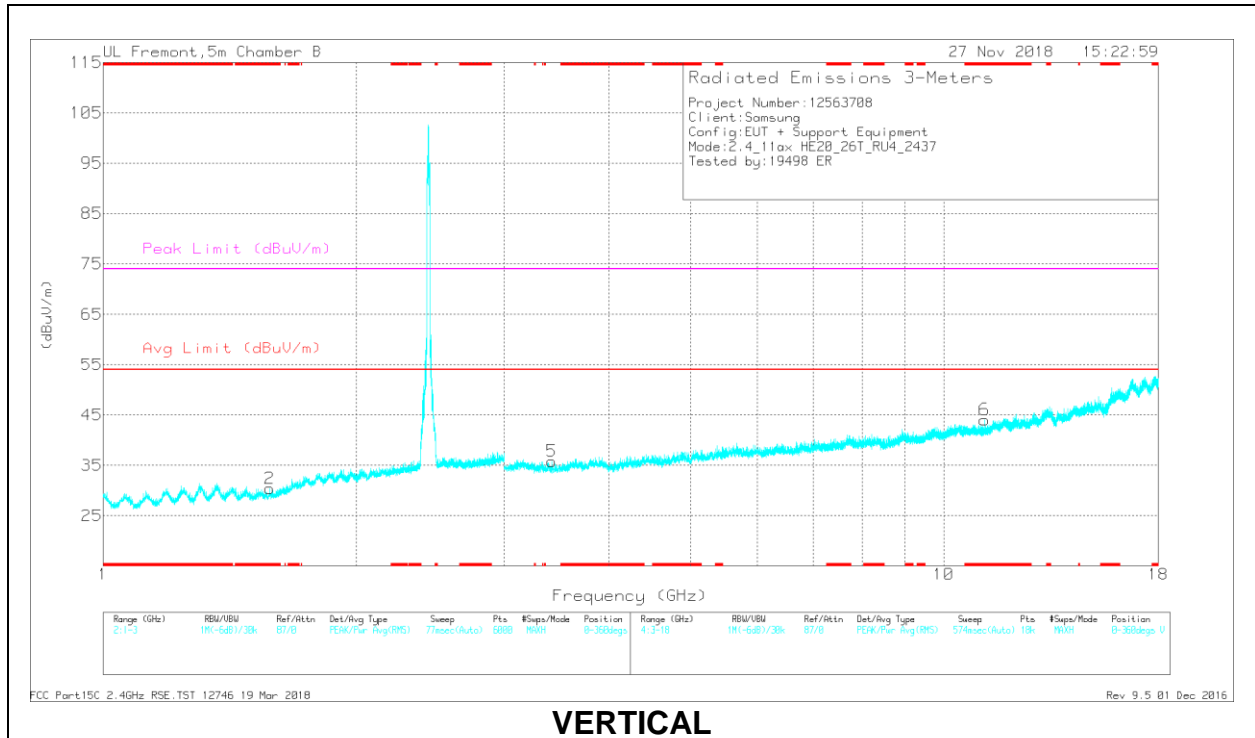
MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU index 4

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 1.178 | 30.55 | PK2 | 28 | -22.2 | 0 | 36.35 | - | - | 74 | -37.65 | 13 | 178 | H |
| | * 1.178 | 18.85 | MAv1 | 28 | -22.3 | .11 | 24.66 | 54 | -29.34 | - | - | 13 | 178 | H |
| 2 | * 1.576 | 29.01 | PK2 | 27.7 | -20.8 | 0 | 35.91 | - | - | 74 | -38.09 | 89 | 228 | V |
| | * 1.58 | 17.78 | MAv1 | 27.7 | -20.7 | .11 | 24.89 | 54 | -29.11 | - | - | 89 | 228 | V |
| 3 | * 3.808 | 39.92 | PK2 | 33.4 | -30.2 | 0 | 43.12 | - | - | 74 | -30.88 | 241 | 160 | H |
| | * 3.807 | 28.57 | MAv1 | 33.4 | -30.2 | .11 | 31.88 | 54 | -22.12 | - | - | 241 | 160 | H |
| 4 | * 10.782 | 33.61 | PK2 | 37.9 | -22.6 | 0 | 48.91 | - | - | 74 | -25.09 | 156 | 126 | H |
| | * 10.782 | 22.62 | MAv1 | 37.9 | -22.6 | .11 | 38.03 | 54 | -15.97 | - | - | 156 | 126 | H |
| 6 | * 11.186 | 33.14 | PK2 | 38 | -22.2 | 0 | 48.94 | - | - | 74 | -25.06 | 275 | 216 | V |
| | * 11.182 | 22.29 | MAv1 | 38 | -22.2 | .11 | 38.2 | 54 | -15.8 | - | - | 275 | 216 | V |
| 5 | 3.419 | 39.5 | PK2 | 32.8 | -30.8 | 0 | 41.5 | - | - | - | - | 176 | 130 | V |

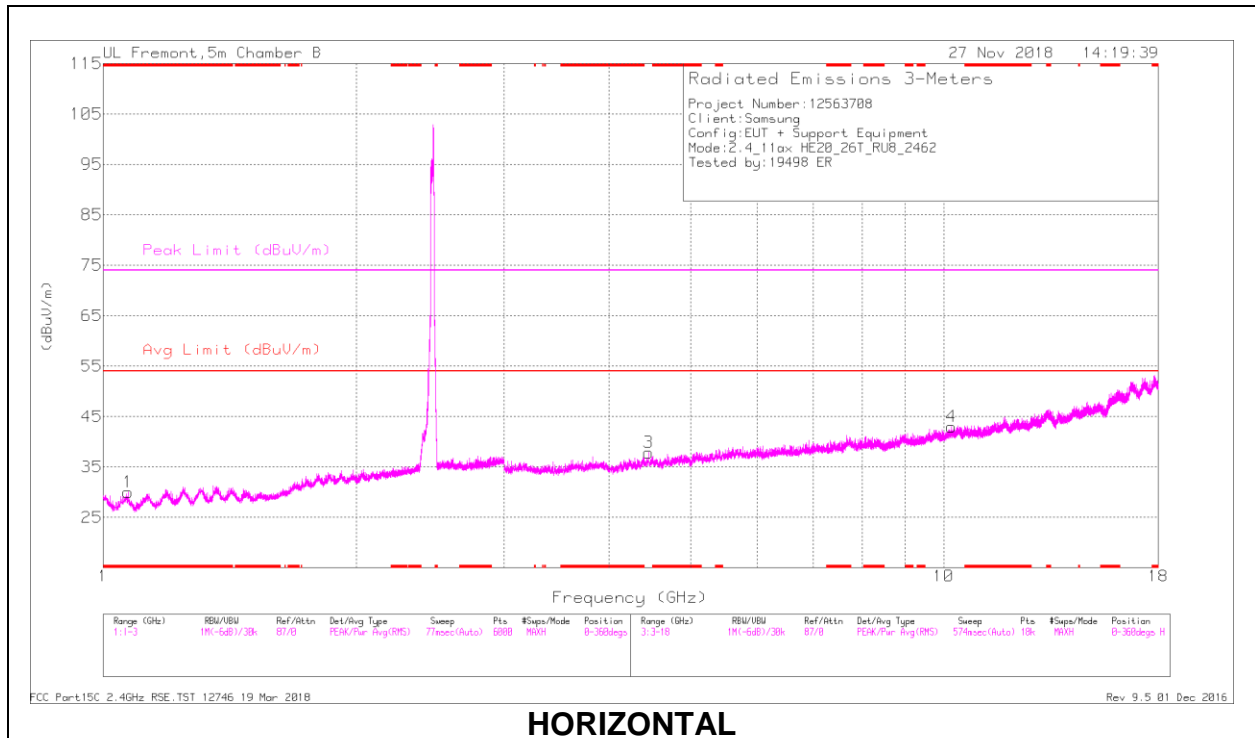
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

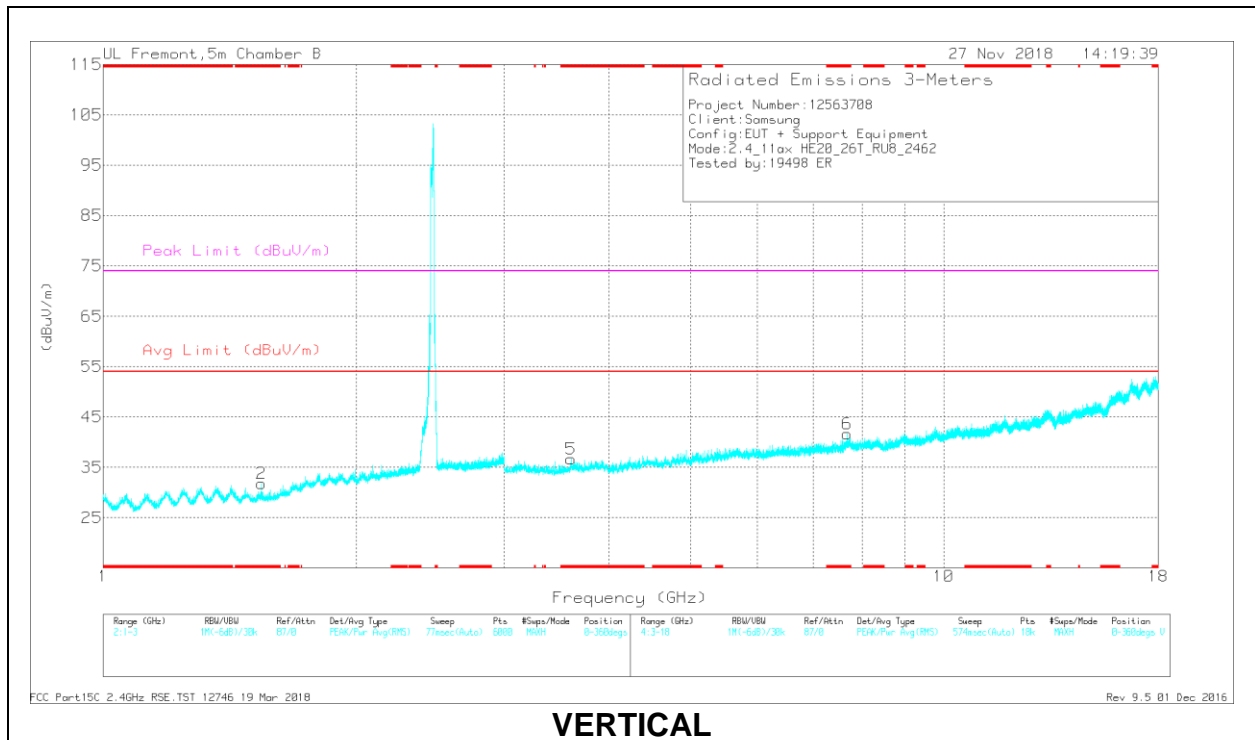
MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 2 OFDMA MODE: 26-Tones, RU index 8

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 1.069 | 30.97 | PK2 | 27.4 | -22.9 | 0 | 35.47 | - | - | 74 | -38.53 | 103 | 246 | H |
| | 1.069 | 19.56 | MAv1 | 27.4 | -22.9 | .11 | 24.17 | 54 | -29.83 | - | - | 103 | 246 | H |
| 2 | * 1.543 | 29.68 | PK2 | 27.7 | -20.8 | 0 | 36.58 | - | - | 74 | -37.42 | 146 | 187 | V |
| | 1.542 | 17.89 | MAv1 | 27.7 | -20.9 | .11 | 24.8 | 54 | -29.2 | - | - | 146 | 187 | V |
| 5 | * 3.604 | 39.26 | PK2 | 33.3 | -30.9 | 0 | 41.66 | - | - | 74 | -32.34 | 284 | 314 | V |
| | 3.603 | 28.77 | MAv1 | 33.3 | -30.9 | .11 | 31.28 | 54 | -22.72 | - | - | 284 | 314 | V |
| 6 | * 7.681 | 35.86 | PK2 | 36.4 | -25.5 | 0 | 46.76 | - | - | 74 | -27.24 | 351 | 176 | V |
| | 7.681 | 25.19 | MAv1 | 36.4 | -25.5 | .11 | 36.2 | 54 | -17.8 | - | - | 351 | 176 | V |
| 3 | 4.458 | 38.09 | PK2 | 33.8 | -28.4 | 0 | 43.49 | - | - | - | - | 268 | 159 | H |
| 4 | 10.211 | 34.25 | PK2 | 37.8 | -23.1 | 0 | 48.95 | - | - | - | - | 177 | 129 | H |

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

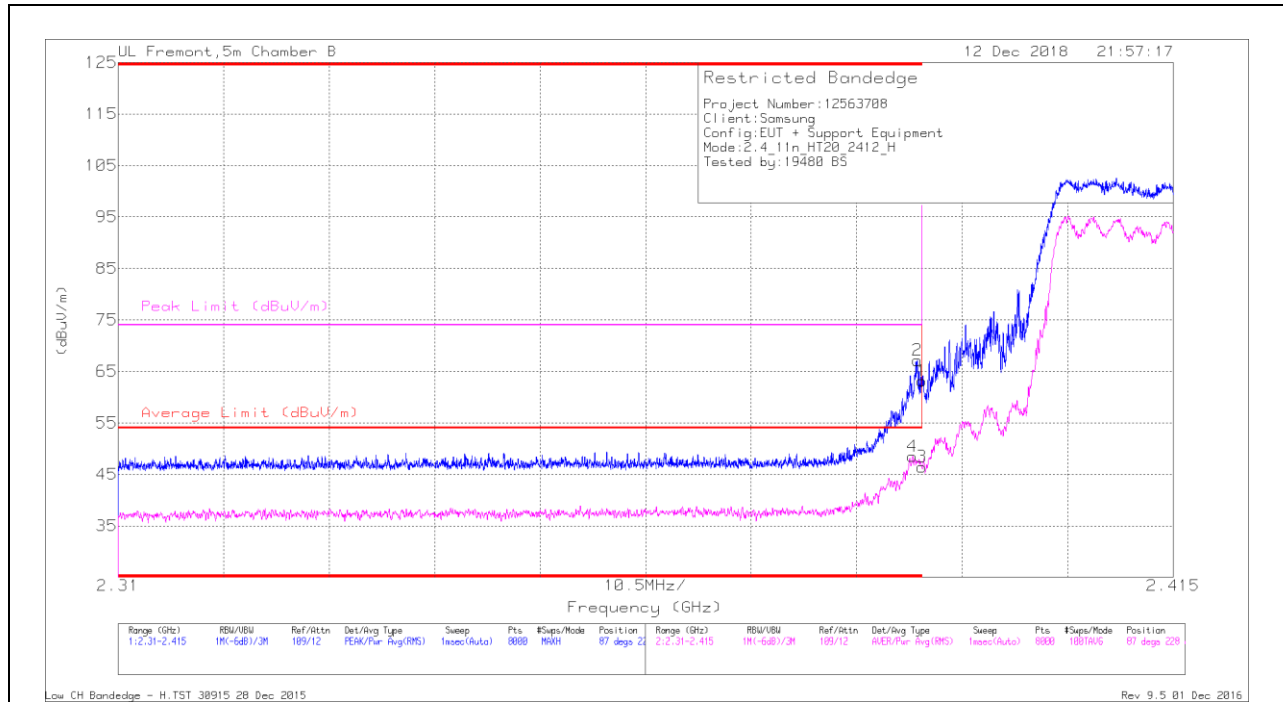
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.5. SPOT CHECK DATA

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

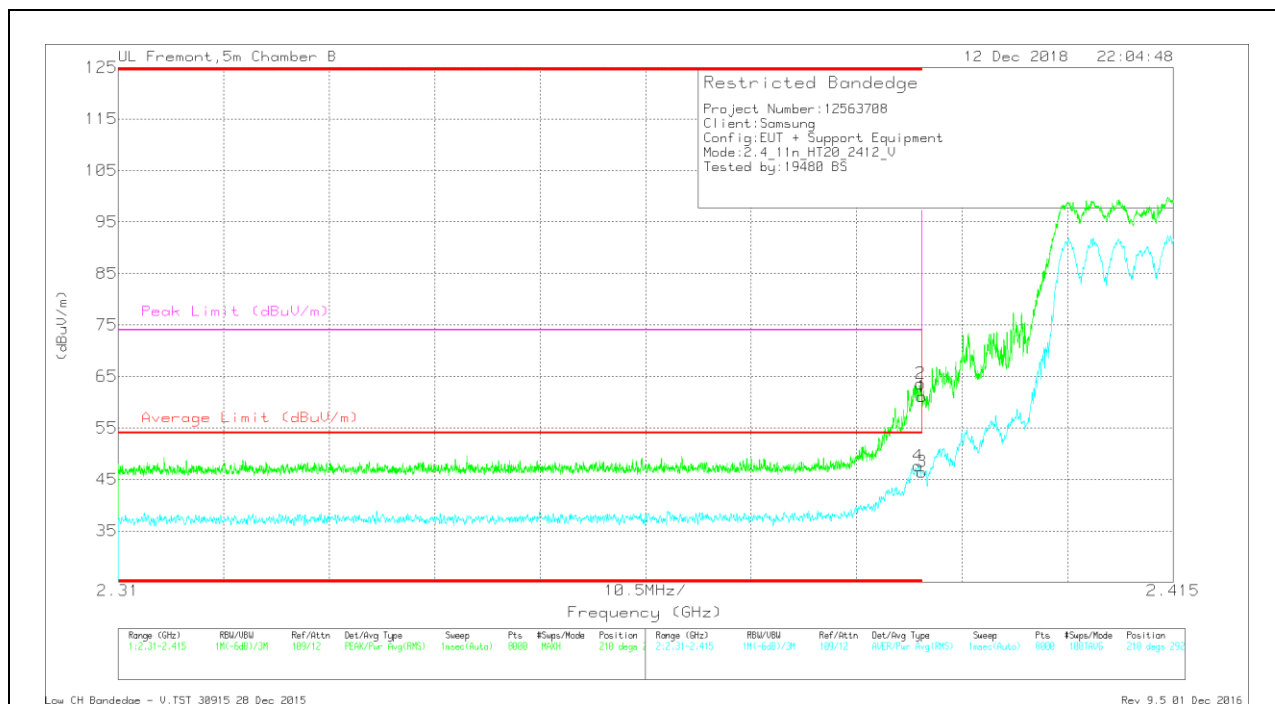
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 2.39 | 51.53 | Pk | 32.3 | -20.7 | 0 | 63.13 | - | - | 74 | -10.87 | 87 | 228 | H |
| 2 | * 2.39 | 55.55 | Pk | 32.3 | -20.7 | 0 | 67.15 | - | - | 74 | -6.85 | 87 | 228 | H |
| 3 | * 2.39 | 34.55 | RMS | 32.3 | -20.7 | .31 | 46.46 | 54 | -7.54 | - | - | 87 | 228 | H |
| 4 | * 2.389 | 36.66 | RMS | 32.3 | -20.8 | .31 | 48.47 | 54 | -5.53 | - | - | 87 | 228 | H |

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cb/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 | * 2.39 | 49.48 | Pk | 32.3 | -20.7 | 0 | 61.08 | - | - | 74 | -12.92 | 210 | 292 | V |
| 2 | * 2.39 | 52 | Pk | 32.3 | -20.7 | 0 | 63.6 | - | - | 74 | -10.4 | 210 | 292 | V |
| 3 | * 2.39 | 34.56 | RMS | 32.3 | -20.7 | .31 | 46.47 | 54 | -7.53 | - | - | 210 | 292 | V |
| 4 | * 2.39 | 35.71 | RMS | 32.3 | -20.7 | .31 | 47.62 | 54 | -6.38 | - | - | 210 | 292 | V |

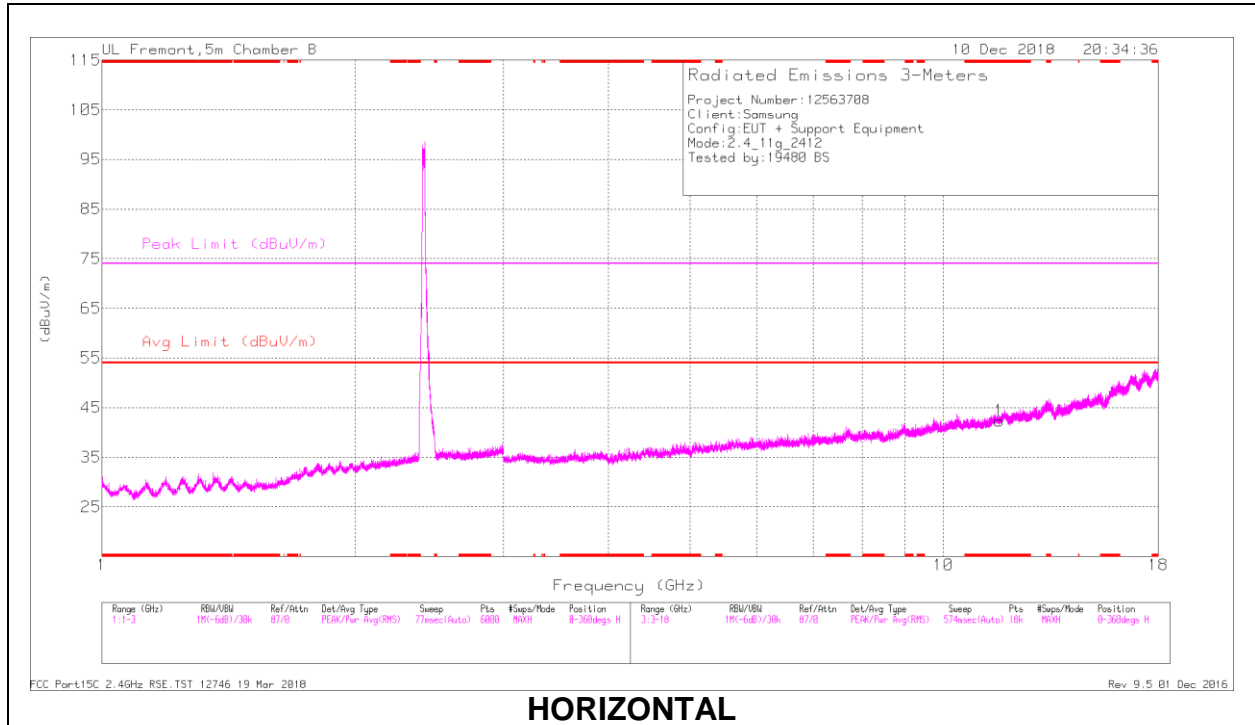
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

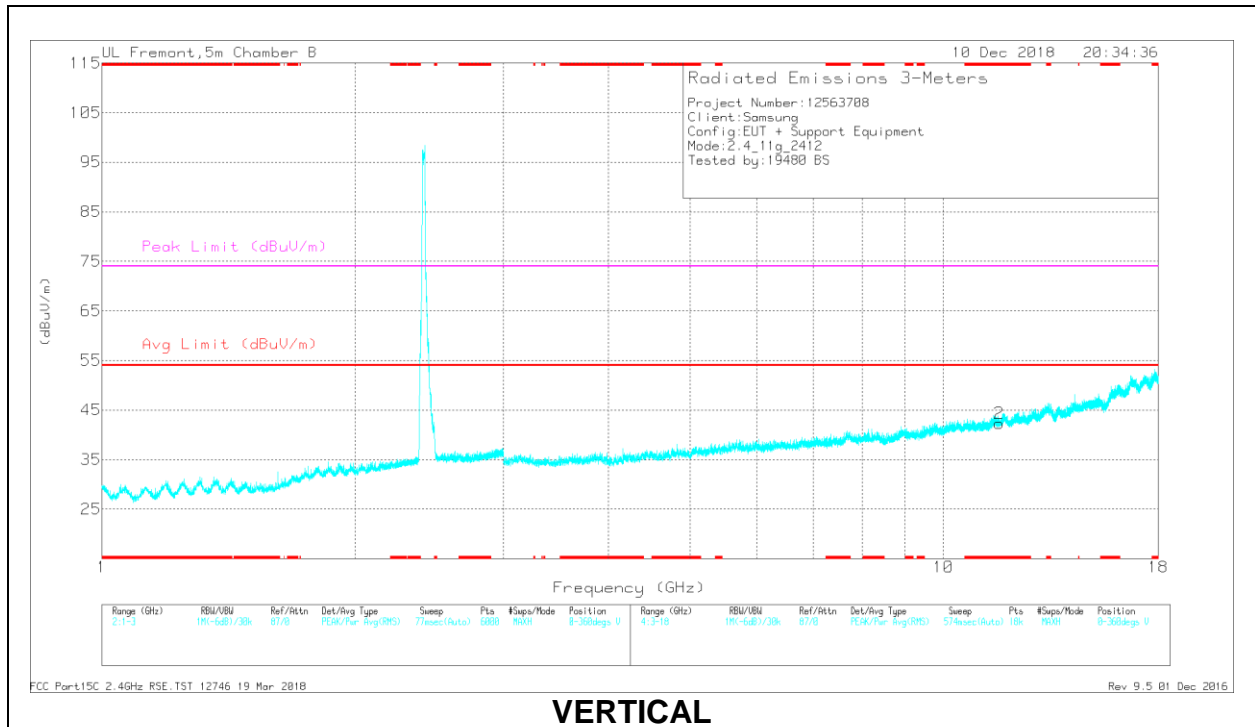
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | * 11.65 | 32.36 | PK2 | 38.8 | -22.1 | 0 | 49.06 | - | - | 74 | -24.94 | 75 | 114 | H |
| | * 11.652 | 21.17 | MAv1 | 38.8 | -22.2 | 1.21 | 38.98 | 54 | -15.02 | - | - | 75 | 114 | H |
| 2 | * 11.65 | 32.9 | PK2 | 38.8 | -22.1 | 0 | 49.6 | - | - | 74 | -24.4 | 237 | 115 | V |
| | * 11.652 | 21.11 | MAv1 | 38.8 | -22.2 | 1.21 | 38.92 | 54 | -15.08 | - | - | 237 | 115 | V |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

SIMULTANEOUS TX CONDITIONS

| Mode | # of TX | 5GHz | | 2.4GHz | |
|--------------------------|---------|------|------|--------|------|
| | | Ant1 | Ant2 | Ant1 | Ant2 |
| 2.4GHz+5GHz RSDB Only | 2 | O | X | X | O |
| | | X | O | O | X |
| | | O | X | O | X |
| | | X | O | X | O |
| 2.4GHz+5GHz RSDB&MIMO | 3 | O | O | O | X |
| | | O | O | X | O |
| | | O | X | O | O |
| | | X | O | O | O |
| | 4 | O | O | O | O |

WORST TEST-CASE CONDITIONS

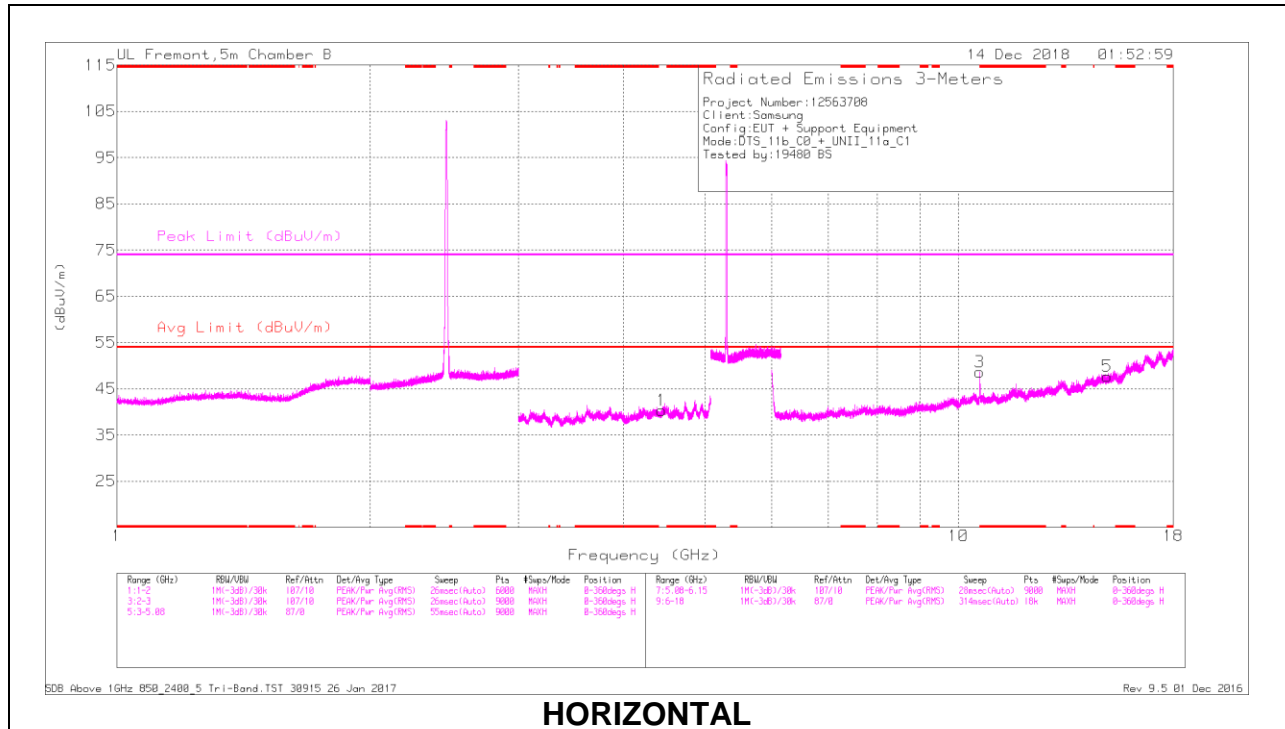
Across all UNII bands 802.11a and 802.11 HT20 modes have the highest rated powers. 802.11a is selected as the worst case mode and a channel operating at the highest rated power on each antenna is used. No new emissions were observed and emissions levels observed during the stand-alone test condition were not increased.

Also 4 Tx condition can cover other RSDB and MIMO condition. So test lab. conducted the test on the condition of 1 Tx for each antenna and 4Tx MIMO antenna condition like below.

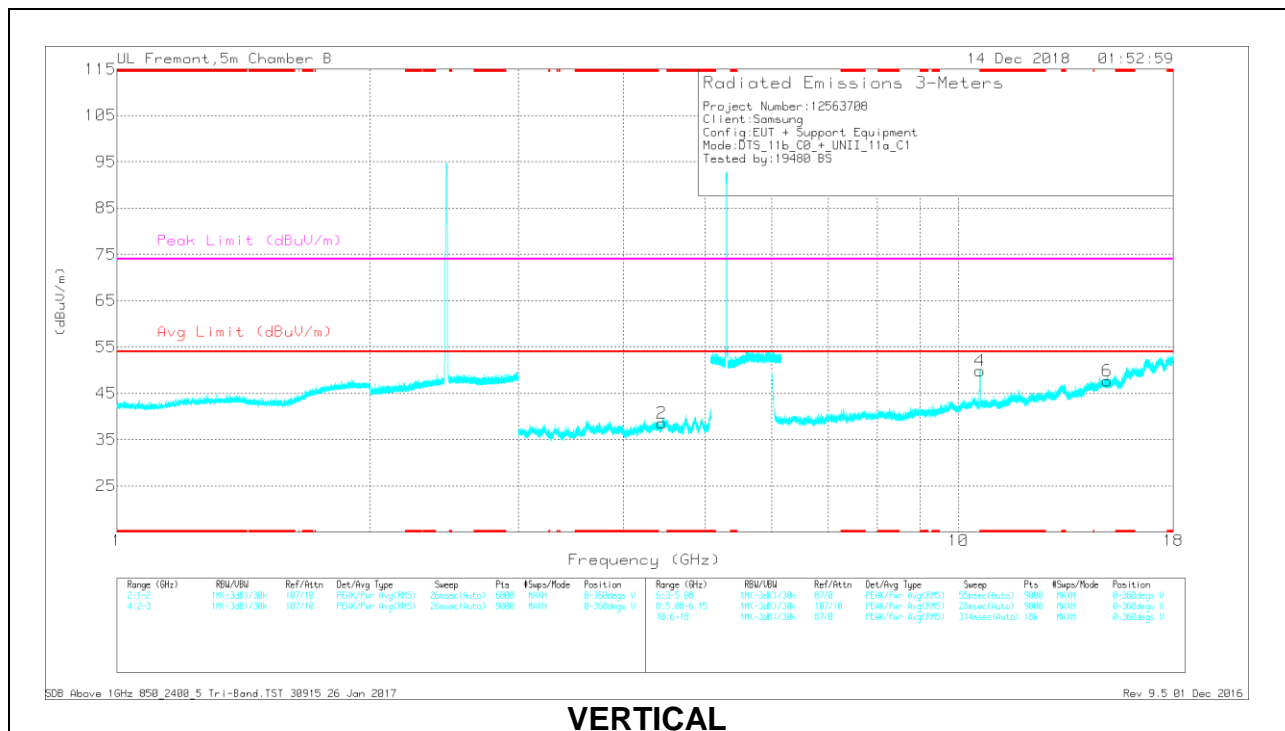
| Testcase # | Band (GHz) | Antenna | MODE | Channel | Frequency (MHz) | Power Settings |
|------------|------------|---------|---------------------|---------|-----------------|----------------|
| 1 | 2.4 | Chain 0 | 11b | 11 | 2462 | 16 |
| | 5 | Chain 1 | 11a | 60 | 5300 | 13 |
| 2 | 5 | Chain 0 | 11a | 60 | 5300 | 13 |
| | 2.4 | Chain 1 | 11b | 6 | 2437 | 16 |
| 3 | 2.4 | Chain 0 | 11ax_HE20_242T_RU61 | 6 | 2437 | 16 |
| | 5 | Chain 1 | 11ax_HE20_242T_RU61 | 48 | 5240 | 13 |
| 4 | 5 | Chain 0 | 11ax_HE20_242T_RU61 | 48 | 5240 | 13 |
| | 2.4 | Chain 1 | 11ax_HE20_242T_RU61 | 6 | 2437 | 16 |
| 5 | 2.4 | MIMO | 11ax_HE20_242T_RU61 | 6 | 2437 | 16 |
| | 5 | MIMO | 11ax_HE20_242T_RU61 | 48 | 5240 | 13 |

9.2.1. TEST CASE 1

Antenna 1 802.11b Channel 11 + Antenna 2 802.11a Channel 60



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Filter (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2 | 4.439 | 32.45 | Pk | 33.8 | -28.7 | 1 | 38.55 | - | - | - | - | 0-360 | 102 | V |
| 1 | 4.441 | 32.32 | Pk | 33.8 | -28.8 | 3 | 40.32 | - | - | - | - | 0-360 | 199 | H |

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

Pk - Peak detector

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3 | * 10.602 | 34.02 | Pk | 37.7 | -23.1 | 48.62 | - | - | 74 | -25.38 | 0-360 | 102 | H |
| 4 | * 10.606 | 35.08 | Pk | 37.7 | -22.9 | 49.88 | - | - | 74 | -24.12 | 0-360 | 103 | V |
| 6 | 15.011 | 27.03 | Pk | 40.5 | -19.9 | 47.63 | - | - | - | - | 0-360 | 199 | V |
| 5 | 15.019 | 26.75 | Pk | 40.5 | -19.6 | 47.65 | - | - | - | - | 0-360 | 102 | H |

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

Pk - Peak detector

Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 10.602 | 41.27 | PK-U | 37.7 | -23.1 | 0 | 55.87 | - | - | 74 | -18.13 | 232 | 115 | H |
| * 10.602 | 29.2 | ADR | 37.7 | -23.1 | .29 | 44.09 | 54 | -9.91 | - | - | 232 | 115 | H |
| * 10.602 | 45.7 | PK-U | 37.7 | -23.1 | 0 | 60.3 | - | - | 74 | -13.7 | 241 | 103 | V |
| * 10.602 | 32.59 | ADR | 37.7 | -23.1 | .29 | 47.48 | 54 | -6.52 | - | - | 241 | 103 | V |

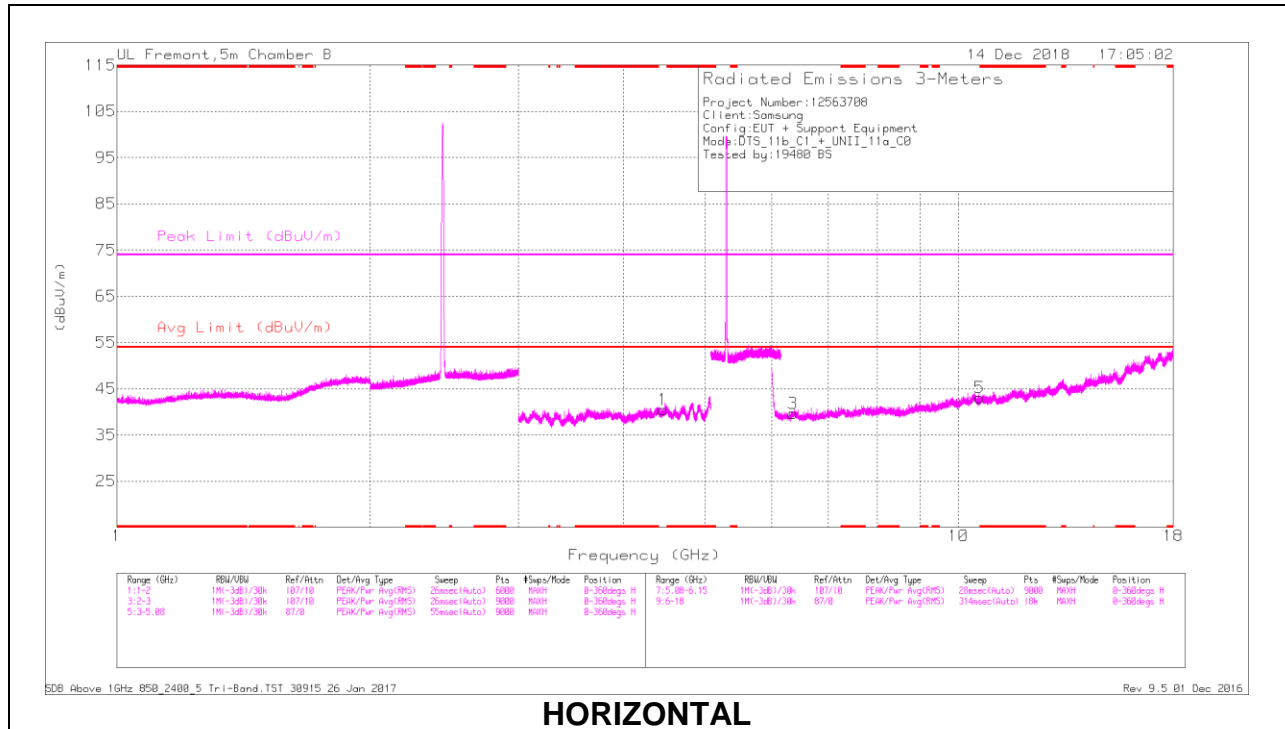
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

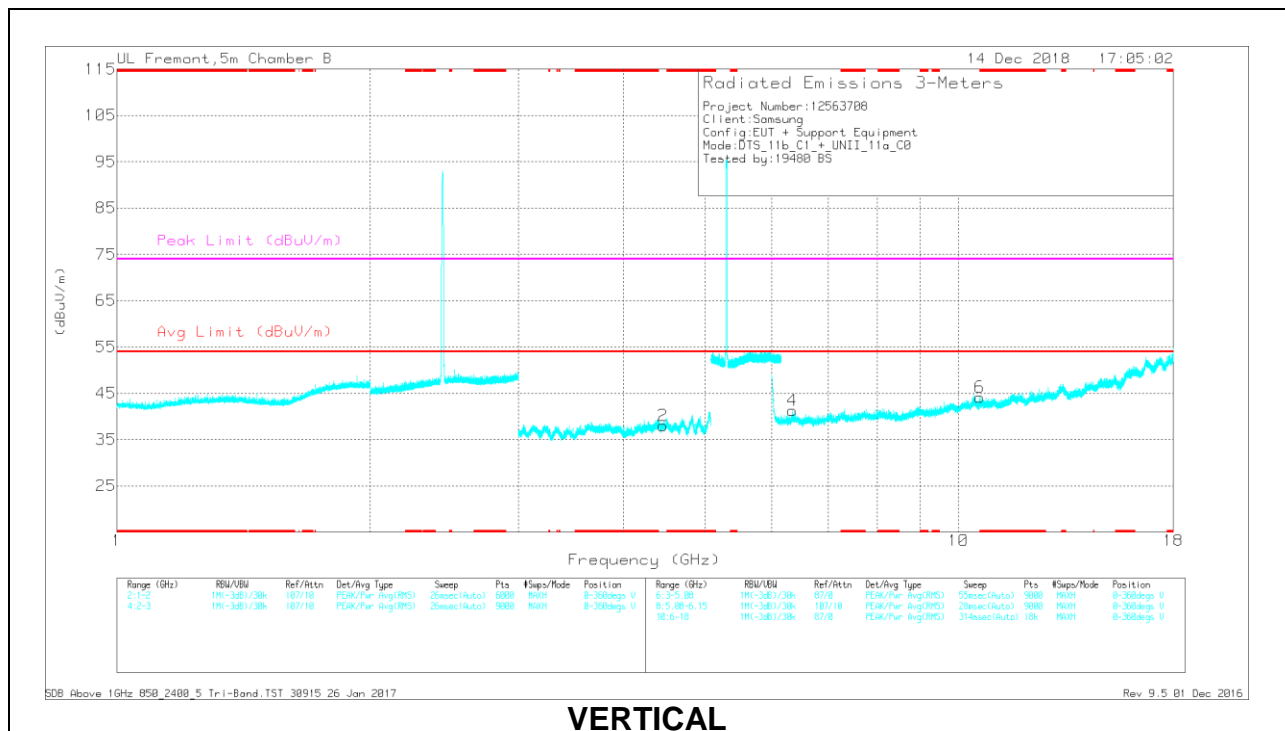
ADR - U-NII AD primary method, RMS average

9.2.2. TEST CASE 2

Antenna 1 802.11a Channel 60 + Antenna 2 802.11b Channel 6



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Filter (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 4.452 | 32.52 | Pk | 33.8 | -28.8 | 3 | 40.52 | - | - | - | - | 0-360 | 102 | H |
| 2 | 4.452 | 31.97 | Pk | 33.8 | -28.8 | 1 | 37.97 | - | - | - | - | 0-360 | 199 | V |

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

Pk - Peak detector

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 5 | * 10.6 | 28.44 | Pk | 37.7 | -23.1 | 43.04 | - | - | 74 | -30.96 | 0-360 | 103 | H |
| 6 | * 10.602 | 29.41 | Pk | 37.7 | -23 | 44.11 | - | - | 74 | -29.89 | 0-360 | 102 | V |
| 4 | 6.352 | 33.19 | Pk | 35.7 | -27.6 | 41.29 | - | - | - | - | 0-360 | 102 | V |
| 3 | 6.357 | 31.81 | Pk | 35.7 | -27.8 | 39.71 | - | - | - | - | 0-360 | 199 | H |

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

Pk - Peak detector

Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| * 10.605 | 35.62 | PK-U | 37.7 | -23 | 0 | 50.32 | - | - | 74 | -23.68 | 65 | 120 | H |
| * 10.601 | 24.28 | ADR | 37.7 | -23.1 | .29 | 39.17 | 54 | -14.83 | - | - | 65 | 120 | H |
| * 10.602 | 36.74 | PK-U | 37.7 | -23.1 | 0 | 51.34 | - | - | 74 | -22.66 | 20 | 111 | V |
| * 10.601 | 25.28 | ADR | 37.7 | -23.1 | .29 | 40.17 | 54 | -13.83 | - | - | 20 | 111 | V |

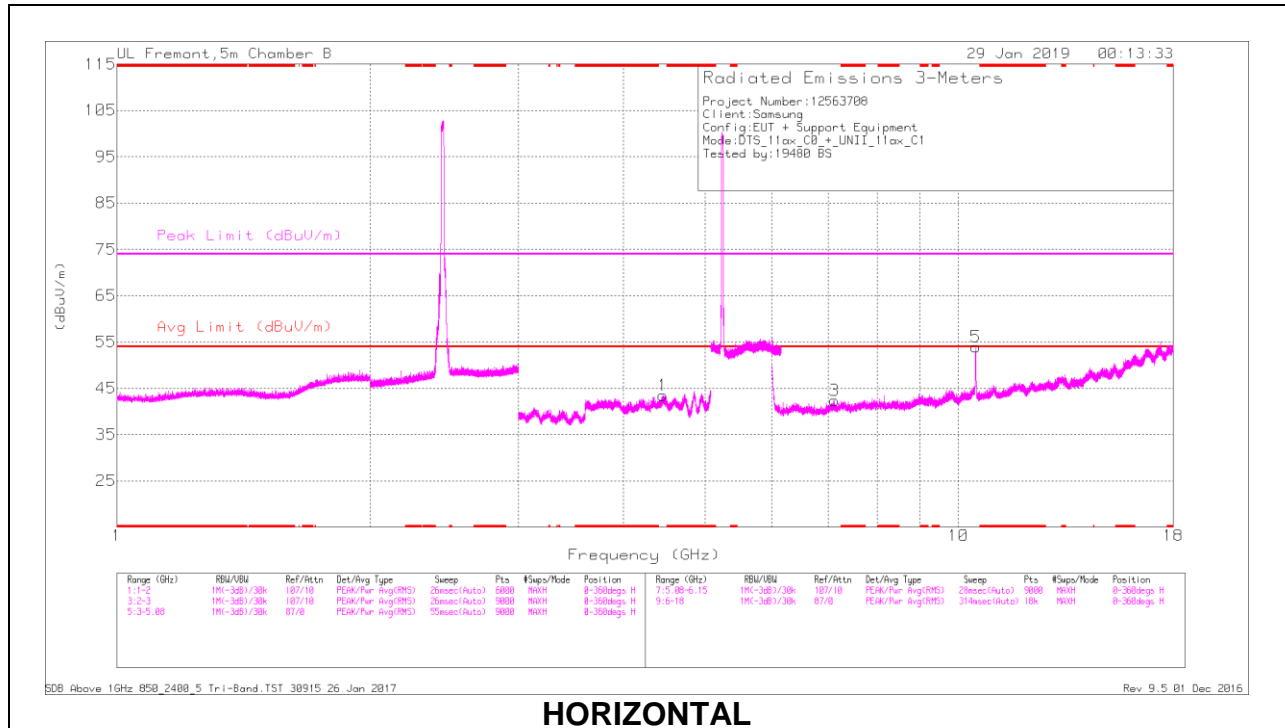
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

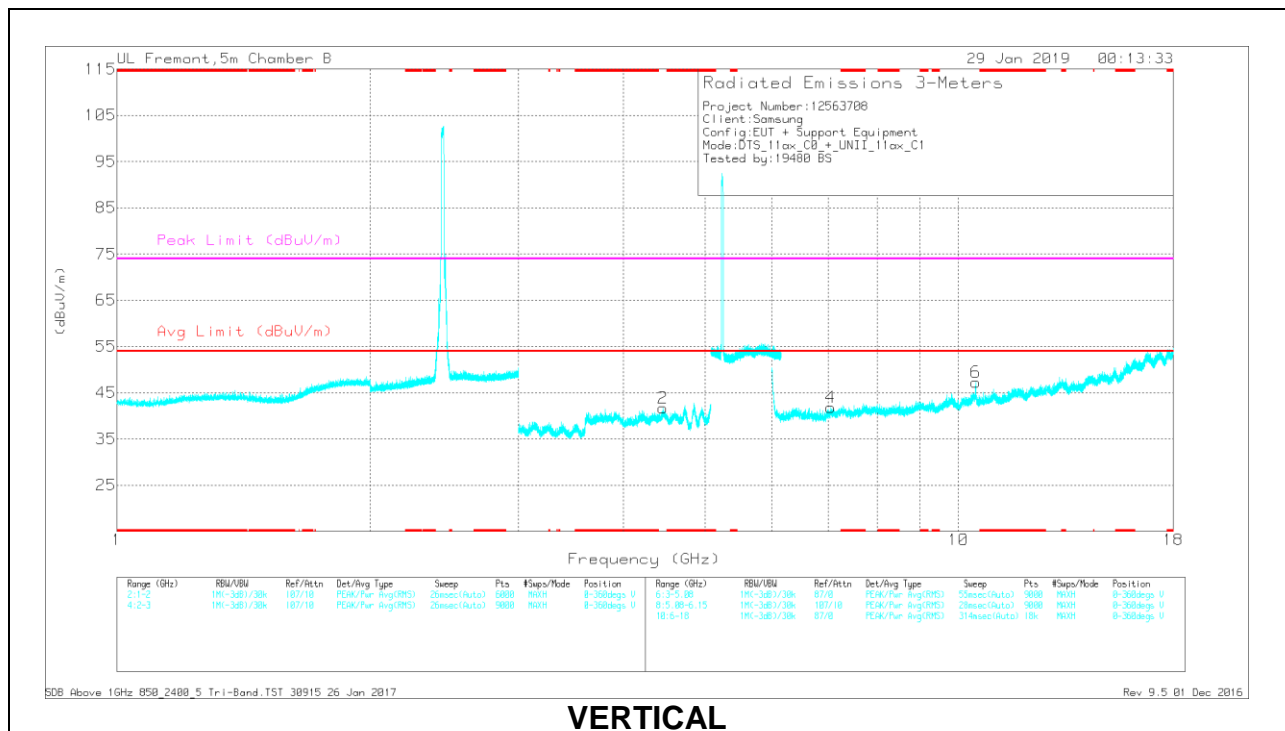
ADR - U-NII AD primary method, RMS average

9.2.3. TEST CASE 3

Antenna 1 802.11ax HE20 242T – RU61 Channel 6 + Antenna 2 802.11ax HE20 242T – RU61 Channel 48



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Filter (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2 | 4.456 | 35.29 | Pk | 33.8 | -28.4 | 1 | 41.69 | - | - | - | - | 0-360 | 200 | V |
| 1 | 4.458 | 35.03 | Pk | 33.8 | -28.4 | 3 | 43.43 | - | - | - | - | 0-360 | 199 | H |

Pk - Peak detector

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4 | 7.045 | 32.69 | Pk | 35.9 | -26.8 | 41.79 | - | - | - | - | 0-360 | 200 | V |
| 3 | 7.12 | 34.29 | Pk | 36 | -27.9 | 42.39 | - | - | - | - | 0-360 | 102 | H |
| 5 | 10.48 | 38.5 | Pk | 37.8 | -22.3 | 54 | - | - | - | - | 0-360 | 102 | H |
| 6 | 10.485 | 31.9 | Pk | 37.8 | -22.4 | 47.3 | - | - | - | - | 0-360 | 102 | V |

Pk - Peak detector

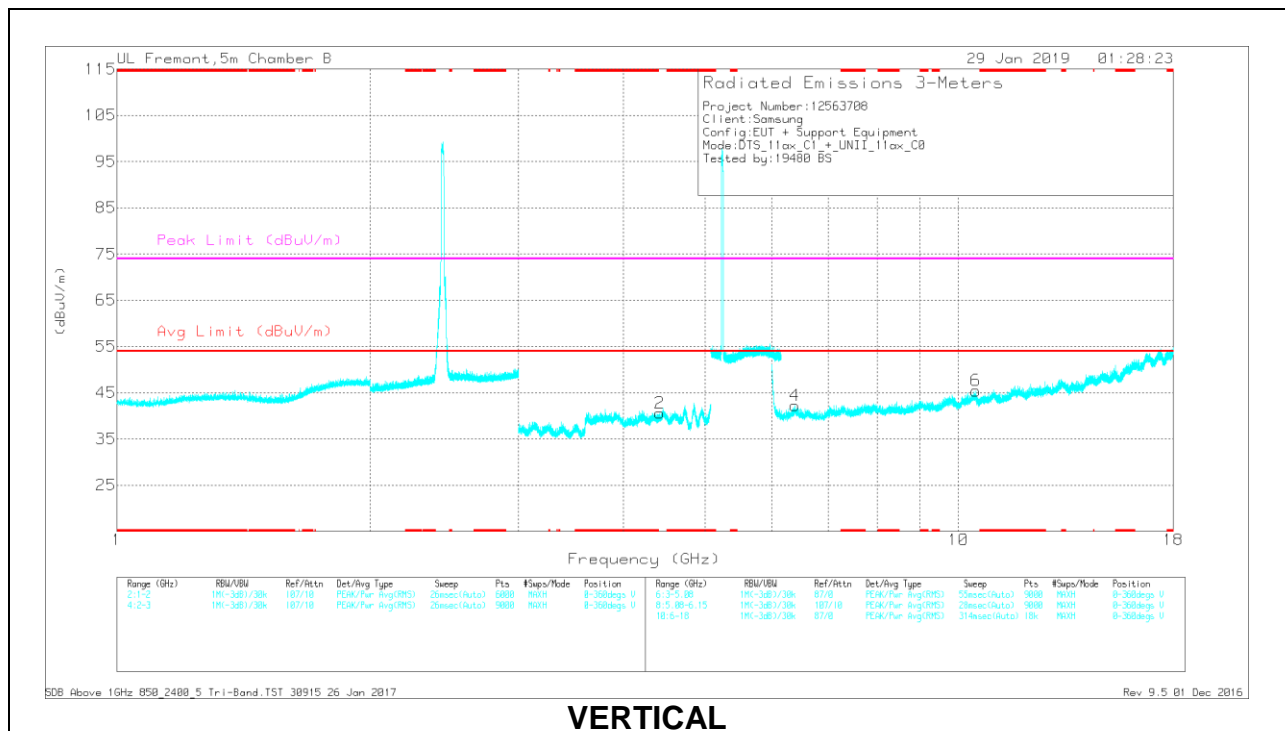
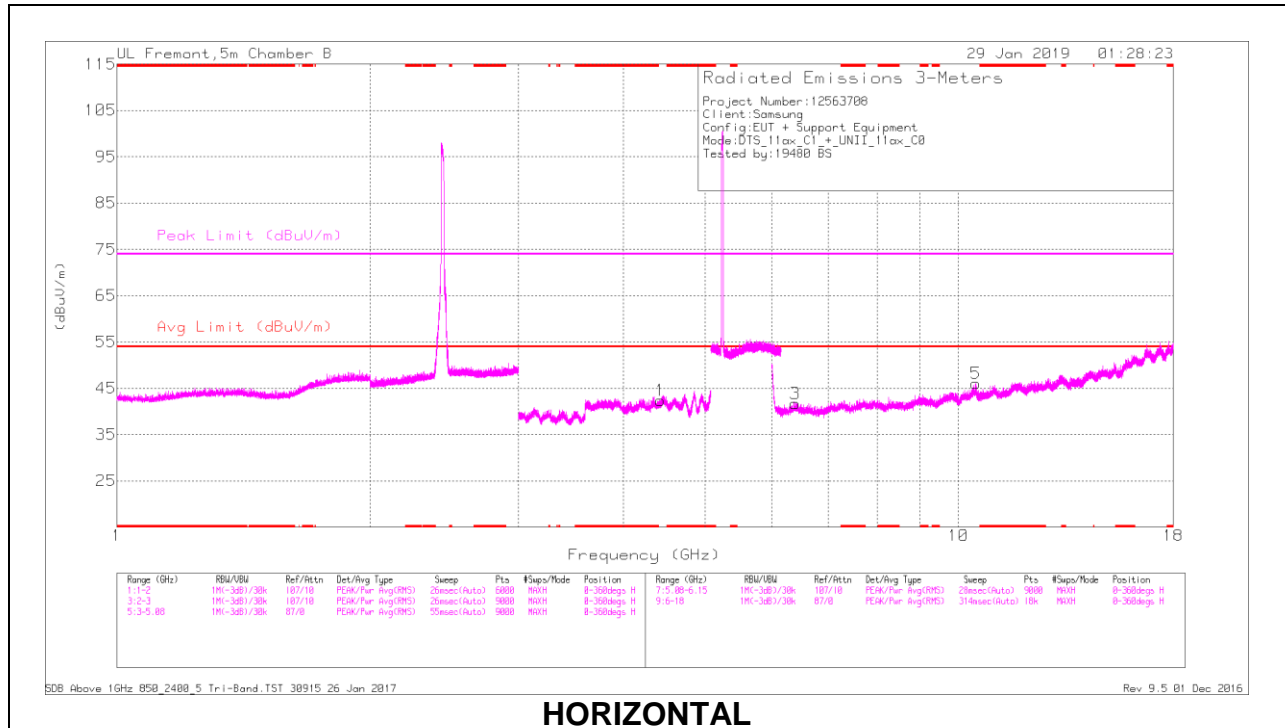
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 10.482 | 45.27 | PK-U | 37.8 | -22.4 | 60.67 | - | - | - | - | 313 | 128 | H |
| 10.482 | 40.09 | PK-U | 37.8 | -22.4 | 55.49 | - | - | - | - | 252 | 139 | V |

PK-U - U-NII: Maximum Peak

9.2.4. TEST CASE 4

Antenna 1 802.11ax HE20 242T – RU61 Channel 48 + Antenna 2 802.11ax HE20 242T – RU61 Channel 6



RADIATED EMISSIONS

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Filter (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 2 | 4.416 | 34.86 | Pk | 33.8 | -29 | 1 | 40.66 | - | - | - | - | 0-360 | 101 | V |
| 1 | 4.425 | 34.54 | Pk | 33.8 | -29 | 3 | 42.34 | - | - | - | - | 0-360 | 102 | H |

Pk - Peak detector

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 4 | 6.395 | 33.69 | Pk | 35.8 | -27.3 | 42.19 | - | - | - | - | 0-360 | 200 | V |
| 3 | 6.397 | 33.23 | Pk | 35.8 | -27.3 | 41.73 | - | - | - | - | 0-360 | 199 | H |
| 5 | 10.481 | 30.59 | Pk | 37.8 | -22.3 | 46.09 | - | - | - | - | 0-360 | 102 | H |
| 6 | 10.481 | 29.94 | Pk | 37.8 | -22.3 | 45.44 | - | - | - | - | 0-360 | 102 | V |

Pk - Peak detector

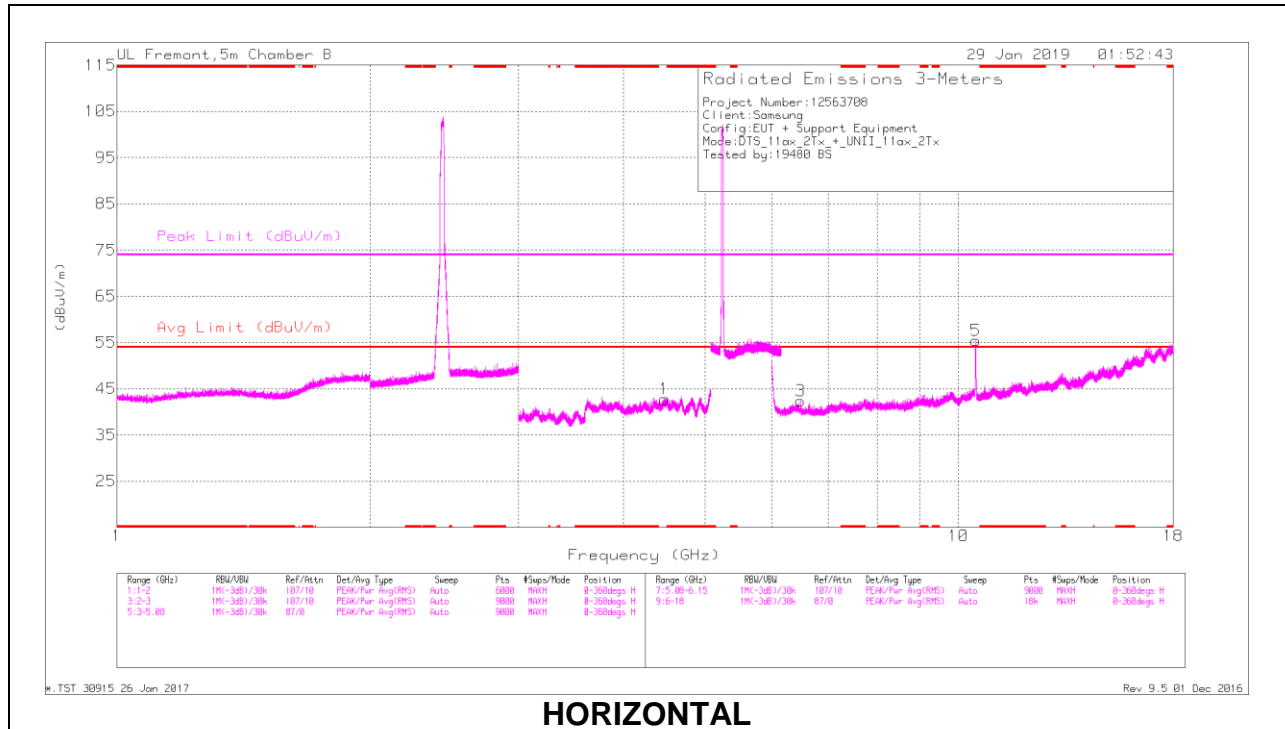
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 10.477 | 36.86 | PK-U | 37.8 | -22.3 | 52.36 | - | - | - | - | 252 | 103 | V |
| 10.483 | 38.19 | PK-U | 37.8 | -22.4 | 53.59 | - | - | - | - | 349 | 171 | H |

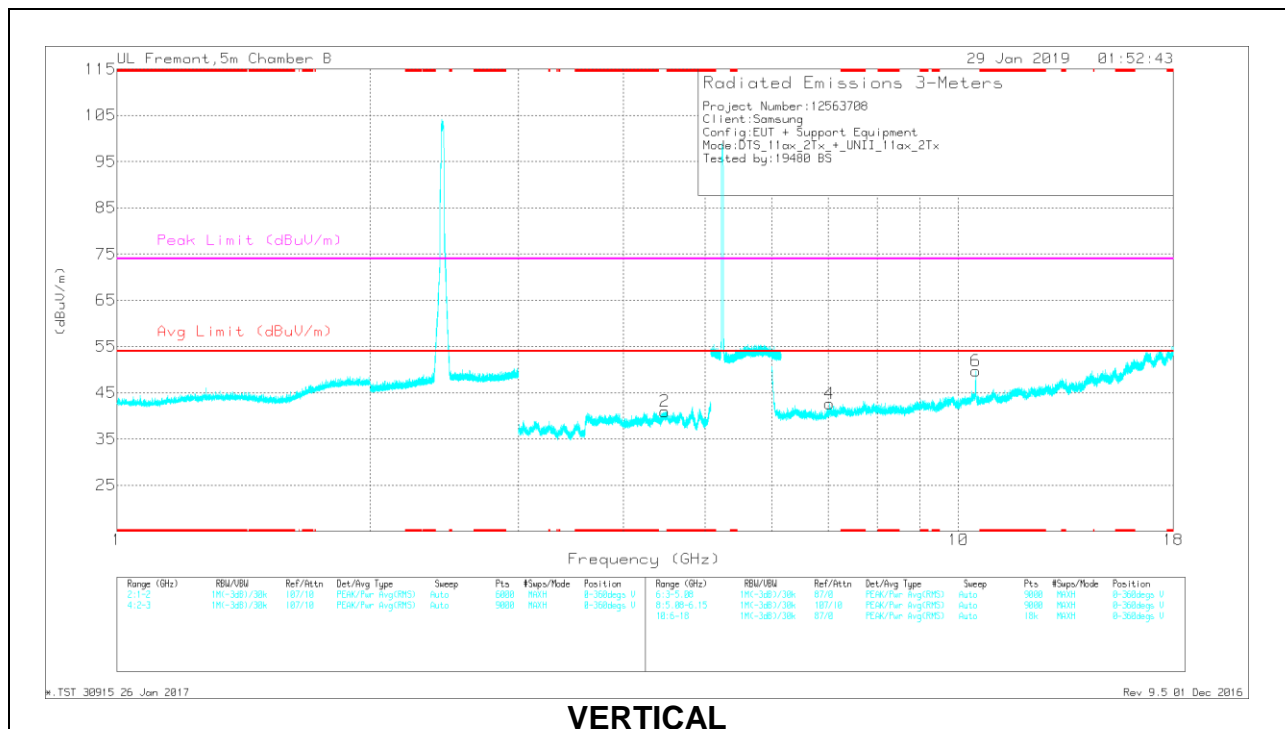
PK-U - U-NII: Maximum Peak

9.2.5. TEST CASE 5

2TX 802.11ax HE20 242T – RU61 Channel 6 + 2TX 802.11ax HE20 242T – RU61 Channel 48



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Filter (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|-------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 4.472 | 34.92 | Pk | 33.8 | -29 | 3 | 42.72 | - | - | - | - | 0-360 | 199 | H |
| 2 | 4.481 | 35.15 | Pk | 33.8 | -29 | 1 | 40.95 | - | - | - | - | 0-360 | 200 | V |

Pk - Peak detector

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 3 | 6.493 | 35.24 | Pk | 35.7 | -28.6 | 42.34 | - | - | - | - | 0-360 | 102 | H |
| 4 | 7.031 | 33.68 | Pk | 35.9 | -26.9 | 42.68 | - | - | - | - | 0-360 | 200 | V |
| 5 | 10.481 | 39.92 | Pk | 37.8 | -22.3 | 55.42 | - | - | - | - | 0-360 | 102 | H |
| 6 | 10.482 | 34.33 | Pk | 37.8 | -22.4 | 49.73 | - | - | - | - | 0-360 | 200 | V |

Pk - Peak detector

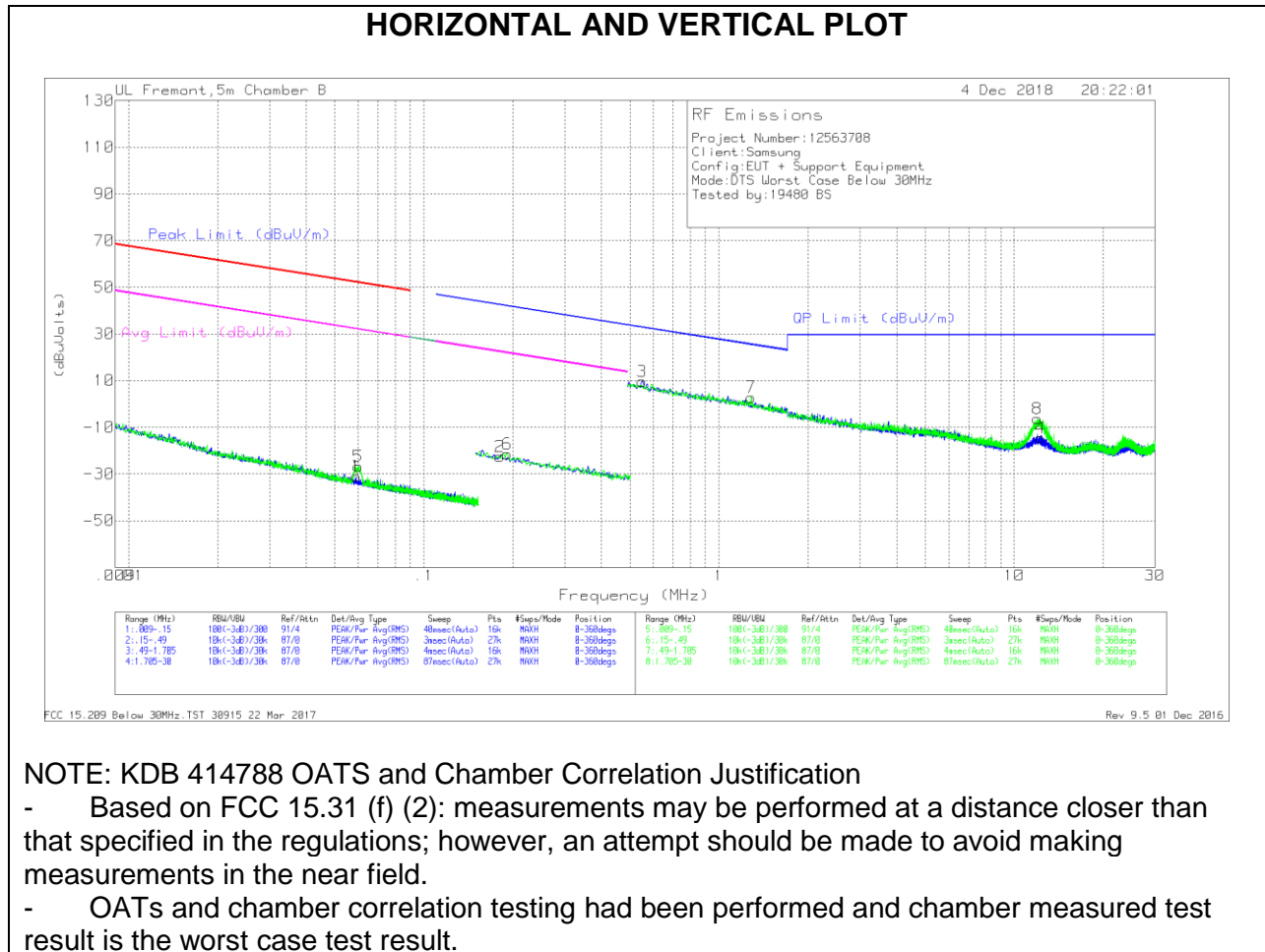
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T863 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 10.475 | 46.01 | PK-U | 37.8 | -22.2 | 61.61 | - | - | - | - | 315 | 104 | H |
| 10.486 | 41.19 | PK-U | 37.8 | -22.4 | 56.59 | - | - | - | - | 334 | 211 | V |

PK-U - U-NII: Maximum Peak

9.3. Worst Case Below 30 MHz

SPURIOUS EMISSIONS 9 kHz TO 30 MHz (WORST-CASE CONFIGURATION)



NOTE: KDB 414788 OATS and Chamber Correlation Justification

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Below 30 MHz Data

Trace Markers

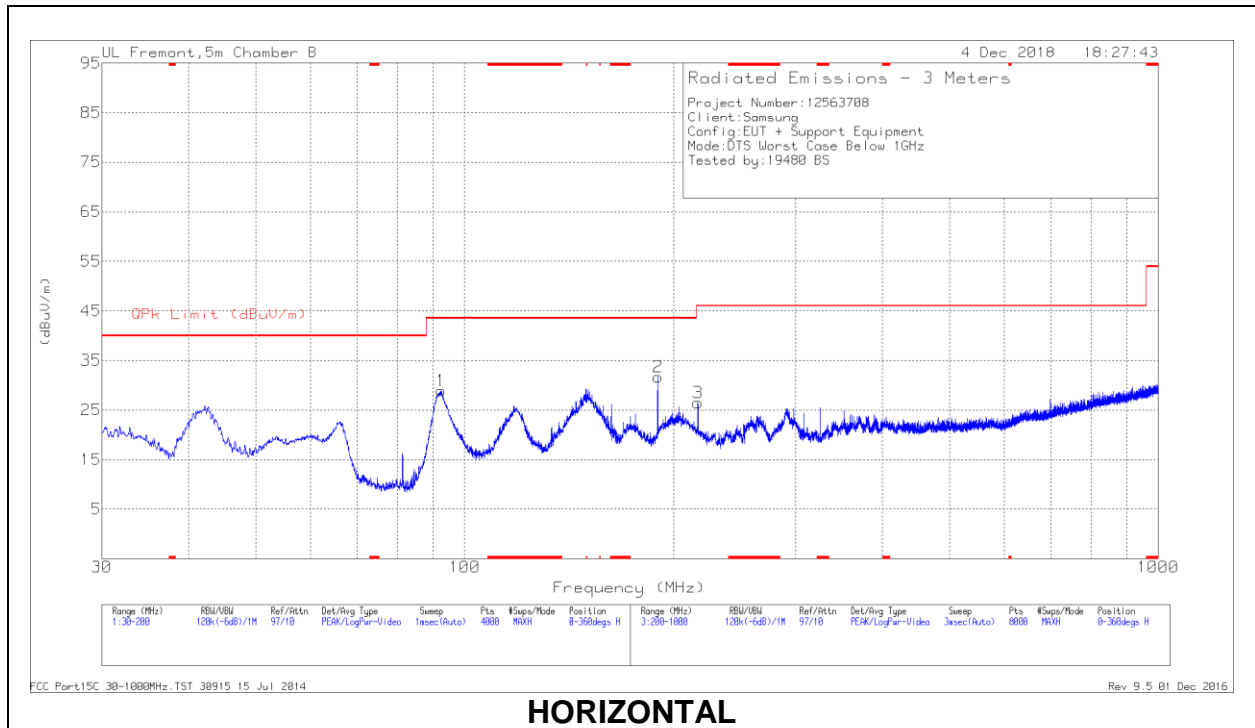
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna (dB/m) | Cables (dB) | Dist Corr 300m | Corrected Reading (dBuVolts) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|-------------|----------------|------------------------------|---------------------|-------------|--------------------|-------------|---------------------|-------------|--------------------|-------------|----------------|
| 1 | .05907 | 37.26 | Pk | 11.8 | 0 | -80 | -30.94 | 52.16 | -83.1 | 32.16 | -63.1 | - | - | - | - | 0-360 |
| 5 | .0599 | 41.36 | Pk | 11.8 | 0 | -80 | -26.84 | 52.04 | -78.88 | 32.04 | -58.88 | - | - | - | - | 0-360 |
| 2 | .18119 | 46.36 | Pk | 11 | .1 | -80 | -22.54 | - | - | - | - | 42.46 | -65 | 22.46 | -45 | 0-360 |
| 6 | .19187 | 47.44 | Pk | 11 | .1 | -80 | -21.46 | - | - | - | - | 41.96 | -63.42 | 21.96 | -43.42 | 0-360 |

Pk - Peak detector

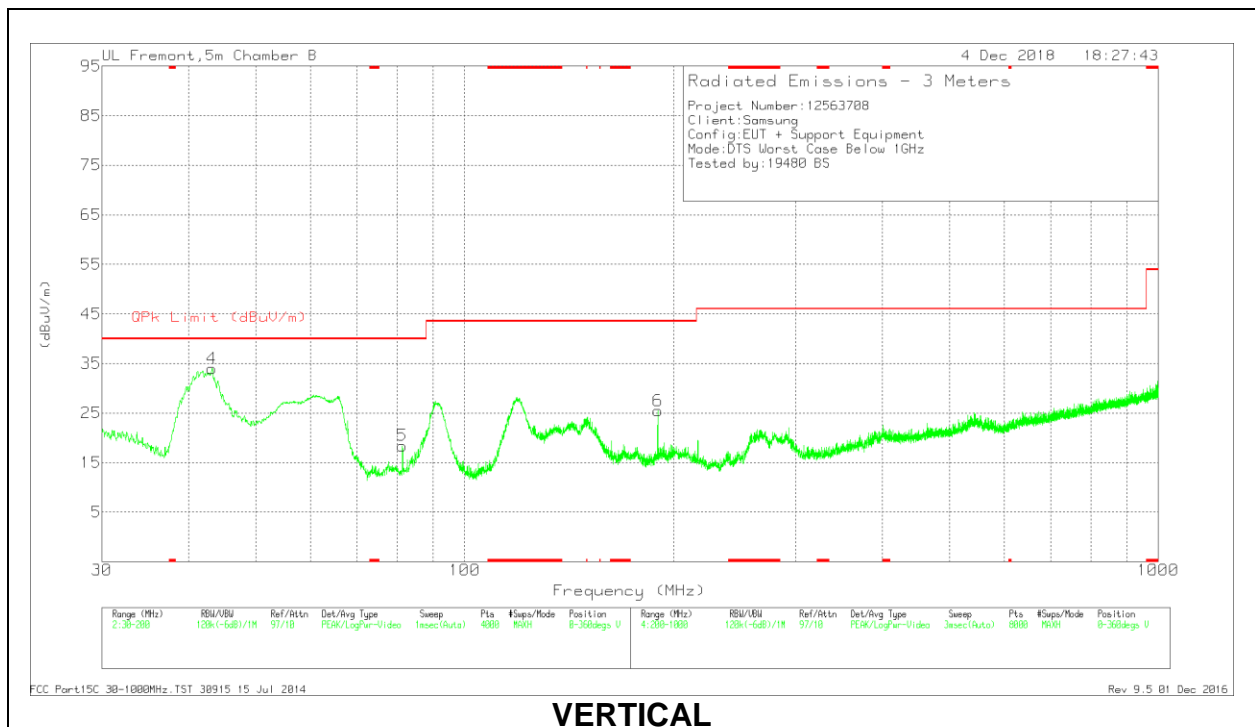
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna (dB/m) | Cables (dB) | Dist Corr (dB) 40Log | Corrected Reading (dBuVolts) | QP Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|-------------|----------------------|------------------------------|-------------------|-------------|---------------------|-------------|--------------------|-------------|----------------|
| 3 | .5497 | 38.58 | Pk | 11.1 | .1 | -40 | 9.78 | 32.8 | -23.02 | - | - | - | - | 0-360 |
| 7 | 1.28443 | 31.5 | Pk | 11.3 | .1 | -40 | 2.9 | 25.45 | -22.55 | - | - | - | - | 0-360 |
| 8 | 11.96597 | 22.32 | Pk | 11 | .5 | -40 | -6.18 | 29.5 | -35.68 | - | - | - | - | 0-360 |
| 4 | 12.24998 | 13.95 | Pk | 11 | .5 | -40 | -14.55 | 29.5 | -44.05 | - | - | - | - | 0-360 |

Pk - Peak detector

9.4. Worst Case Below 1 GHz



HORIZONTAL



VERTICAL

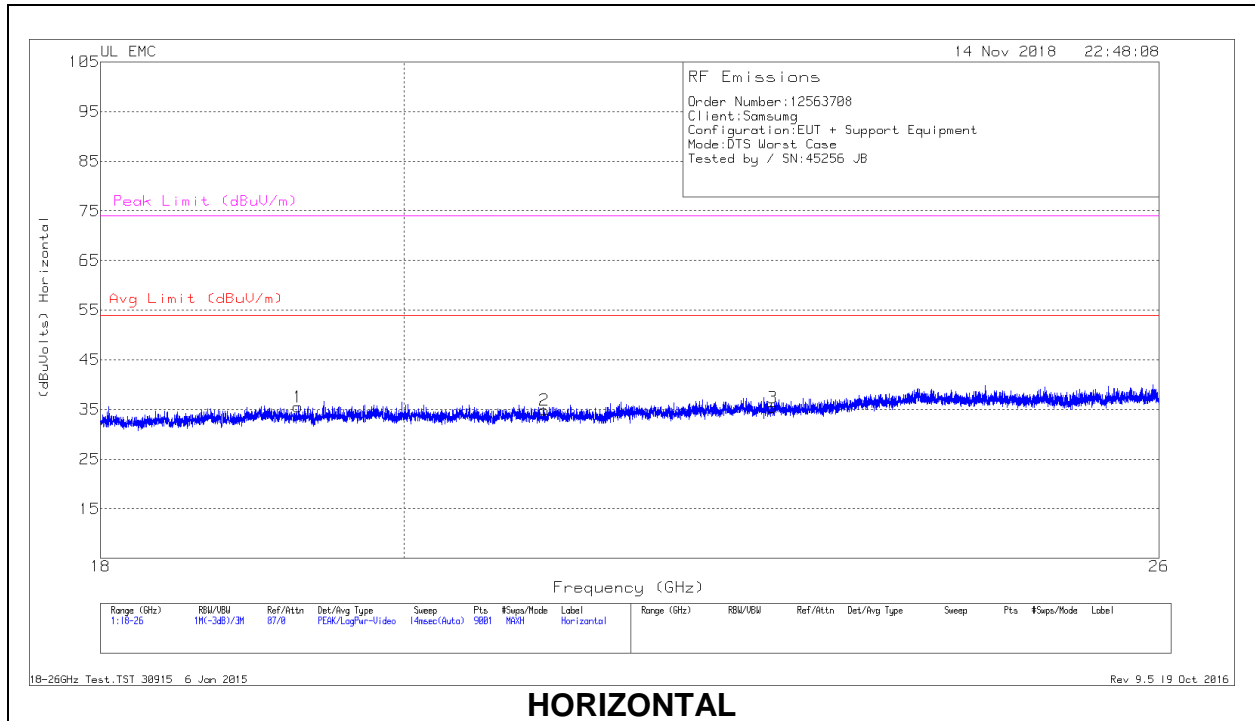
Below 1GHz DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AFT407 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|---------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 4 | 43.2209 | 49.56 | Pk | 15.6 | -31.2 | 33.96 | 40 | -6.04 | 0-360 | 100 | V |
| | 43.0902 | 42.52 | Qp | 15.6 | -31.2 | 26.92 | 40 | -13.08 | 0 | 100 | V |
| 5 | 81.3533 | 37.83 | Pk | 11.5 | -30.9 | 18.43 | 40 | -21.57 | 0-360 | 100 | V |
| 1 | 92.5337 | 47.42 | Pk | 12.2 | -30.7 | 28.92 | 43.52 | -14.6 | 0-360 | 200 | H |
| 2 | 189.8414 | 46.64 | Pk | 15.3 | -30.2 | 31.74 | 43.52 | -11.78 | 0-360 | 200 | H |
| 6 | 189.8414 | 40.38 | Pk | 15.3 | -30.2 | 25.48 | 43.52 | -18.04 | 0-360 | 100 | V |
| 3 | 216.9022 | 41.84 | Pk | 14.6 | -30 | 26.44 | 46.02 | -19.58 | 0-360 | 200 | H |

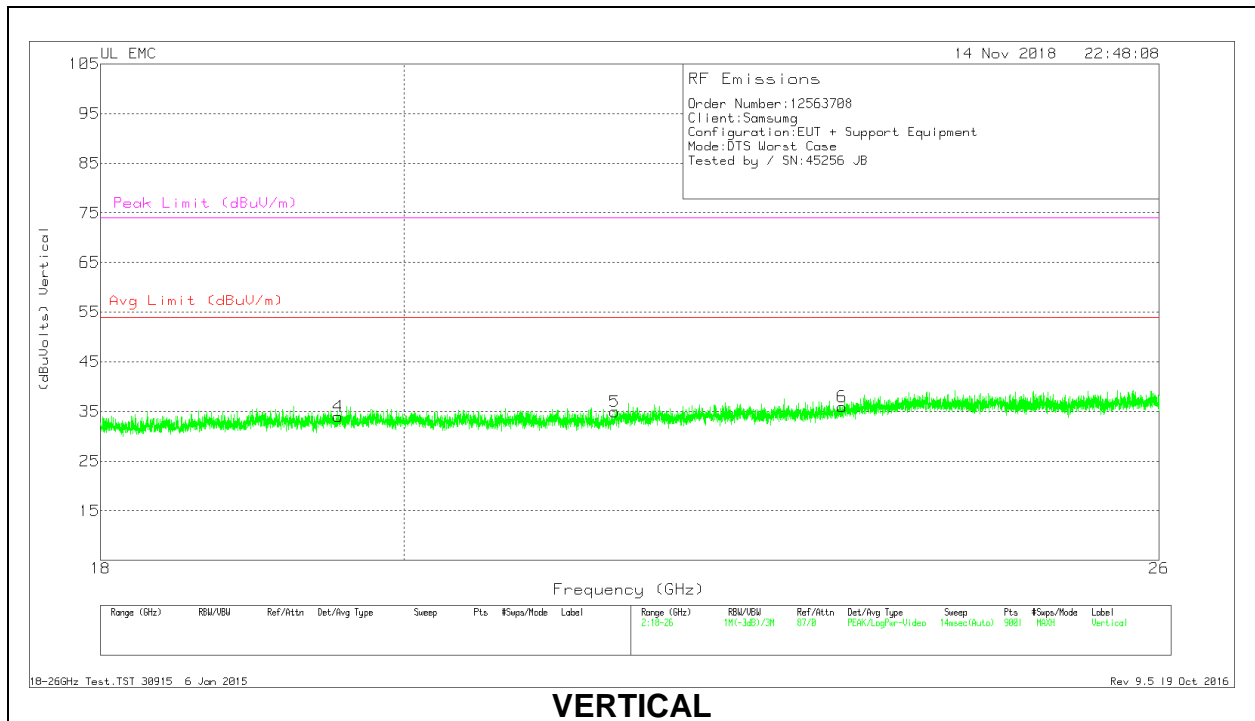
Pk - Peak detector

Qp - Quasi-Peak detector

9.5. Worst Case 18-26 GHz



HORIZONTAL



VERTICAL

18 – 26GHz DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T89 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 | 19.278 | 37.11 | Pk | 32.7 | -24.8 | -9.5 | 35.51 | 54 | -18.49 | 74 | -38.49 |
| 2 | 20.998 | 36.97 | Pk | 33.1 | -25.7 | -9.5 | 34.87 | 54 | -19.13 | 74 | -39.13 |
| 3 | 22.732 | 36.66 | Pk | 33.5 | -25.3 | -9.5 | 35.36 | 54 | -18.64 | 74 | -38.64 |
| 4 | 19.549 | 35.8 | Pk | 32.8 | -25.1 | -9.5 | 34 | 54 | -20 | 74 | -40 |
| 5 | 21.519 | 36.75 | Pk | 33.1 | -25.4 | -9.5 | 34.95 | 54 | -19.05 | 74 | -39.05 |
| 6 | 23.288 | 36.33 | Pk | 33.8 | -24.7 | -9.5 | 35.93 | 54 | -18.07 | 74 | -38.07 |

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

| Frequency of Emission (MHz) | Conducted Limit (dBuV) | |
|-----------------------------|------------------------|-----------|
| | 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.

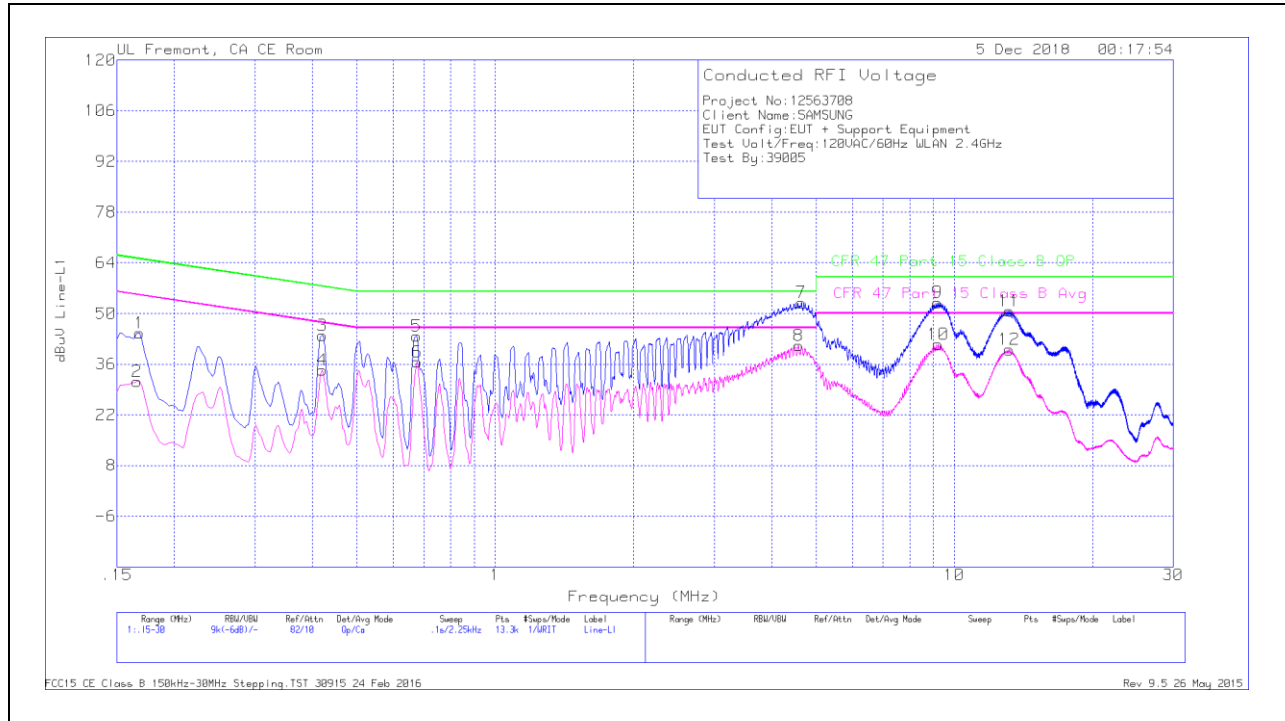
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Norm

LINE 1 RESULTS

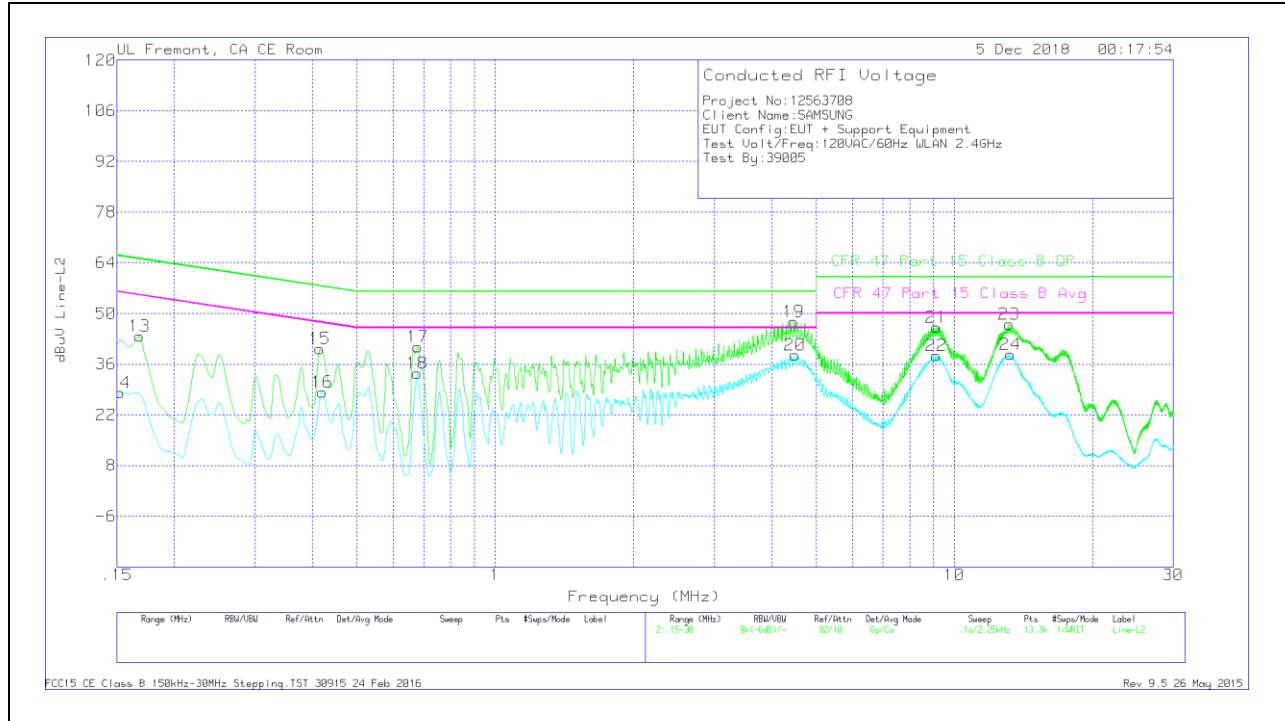


Trace Markers

| Range 1: Line-L1 .15 - 30MHz | | | | | | | | | | | |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|-----------------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L1 | LC Cables C1&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR) Margin (dB) |
| 1 | .168 | 34.46 | Qp | .1 | 0 | 10.1 | 44.66 | 65.06 | -20.4 | - | - |
| 2 | .16575 | 21.09 | Ca | .1 | 0 | 10.1 | 31.29 | - | - | 55.17 | -23.88 |
| 3 | .42 | 33.82 | Qp | 0 | 0 | 10.1 | 43.92 | 57.45 | -13.53 | - | - |
| 4 | .42 | 24.29 | Ca | 0 | 0 | 10.1 | 34.39 | - | - | 47.45 | -13.06 |
| 5 | .67425 | 33.71 | Qp | 0 | 0 | 10.1 | 43.81 | 56 | -12.19 | - | - |
| 6 | .6765 | 26.52 | Ca | 0 | 0 | 10.1 | 36.62 | - | - | 46 | -9.38 |
| 7 | 4.64325 | 42.84 | Qp | 0 | .1 | 10.1 | 53.04 | 56 | -2.96 | - | - |
| 8 | 4.57575 | 31.01 | Ca | 0 | .1 | 10.1 | 41.21 | - | - | 46 | -4.79 |
| 9 | 9.20175 | 42.64 | Qp | 0 | .2 | 10.2 | 53.04 | 60 | -6.96 | - | - |
| 10 | 9.213 | 31.03 | Ca | 0 | .2 | 10.2 | 41.43 | - | - | 50 | -8.57 |
| 11 | 13.164 | 40.17 | Qp | .1 | .2 | 10.2 | 50.67 | 60 | -9.33 | - | - |
| 12 | 13.1685 | 29.51 | Ca | .1 | .2 | 10.2 | 40.01 | - | - | 50 | -9.99 |

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS



Trace Markers

| Range 2: Line-L2 .15 - 30MHz | | | | | | | | | | | |
|------------------------------|-----------------|----------------------|-----|---------|-----------------|--------------|------------------------|---------------------------|----------------|----------------------------|-----------------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN L2 | LC Cables C2&C3 | Limiter (dB) | Corrected Reading dBuV | CFR 47 Part 15 Class B QP | QP Margin (dB) | CFR 47 Part 15 Class B Avg | Av(CISPR) Margin (dB) |
| 13 | .168 | 33.54 | Qp | .1 | 0 | 10.1 | 43.74 | 65.06 | -21.32 | - | - |
| 14 | .15225 | 17.92 | Ca | .1 | 0 | 10.1 | 28.12 | - | - | 55.88 | -27.76 |
| 15 | .4155 | 30.17 | Qp | 0 | 0 | 10.1 | 40.27 | 57.54 | -17.27 | - | - |
| 16 | .42 | 18.24 | Ca | 0 | 0 | 10.1 | 28.34 | - | - | 47.45 | -19.11 |
| 17 | .67875 | 30.73 | Qp | 0 | 0 | 10.1 | 40.83 | 56 | -15.17 | - | - |
| 18 | .6765 | 23.42 | Ca | 0 | 0 | 10.1 | 33.52 | - | - | 46 | -12.48 |
| 19 | 4.4745 | 37.56 | Qp | 0 | .1 | 10.1 | 47.76 | 56 | -8.24 | - | - |
| 20 | 4.497 | 28.29 | Ca | 0 | .1 | 10.1 | 38.49 | - | - | 46 | -7.51 |
| 21 | 9.1365 | 35.83 | Qp | 0 | .2 | 10.2 | 46.23 | 60 | -13.77 | - | - |
| 22 | 9.13425 | 27.92 | Ca | 0 | .2 | 10.2 | 38.32 | - | - | 50 | -11.68 |
| 23 | 13.173 | 36.5 | Qp | .1 | .2 | 10.2 | 47 | 60 | -13 | - | - |
| 24 | 13.25175 | 28.26 | Ca | .1 | .2 | 10.2 | 38.76 | - | - | 50 | -11.24 |

Qp - Quasi-Peak detector
 Ca - CISPR average detection