

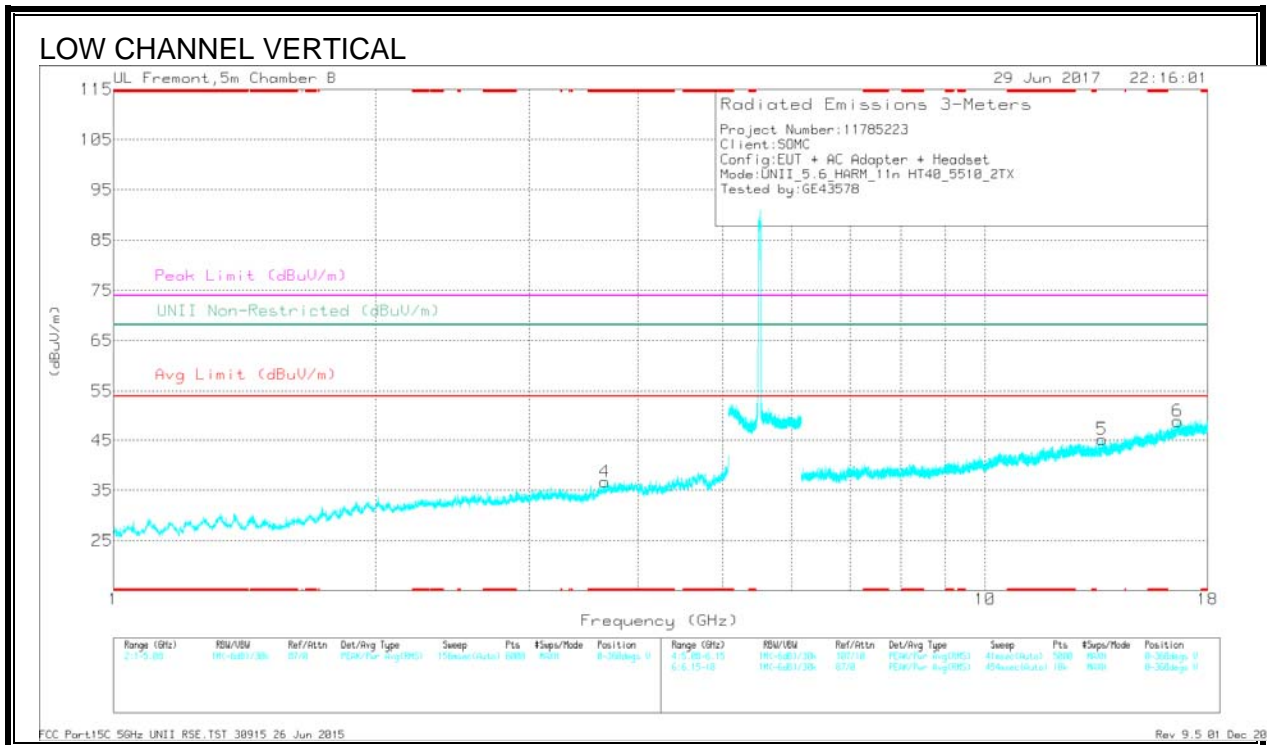
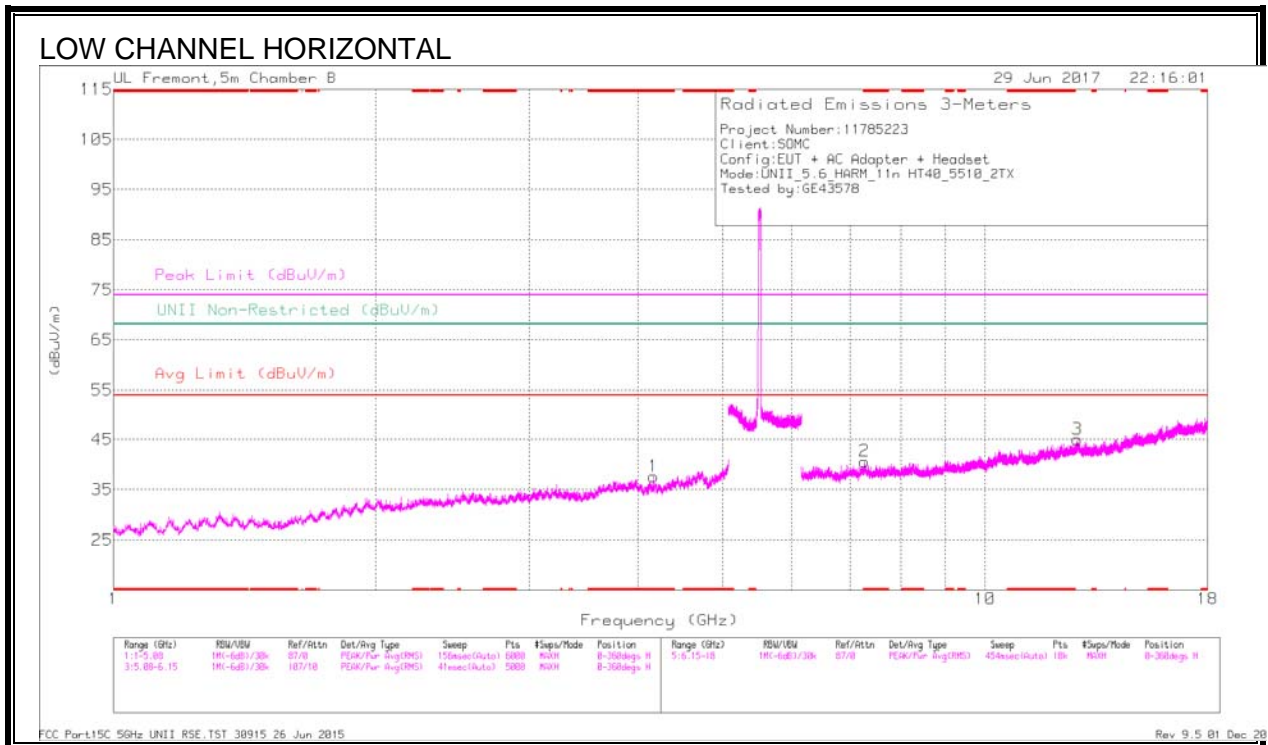
Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 5.725 | 39.69 | Pk | 35 | -18.4 | 0 | 56.29 | 68.2 | -11.91 | 209 | 249 | V |
| 2 | 5.729 | 42.38 | Pk | 35 | -18.3 | 0 | 59.08 | 68.2 | -9.12 | 209 | 249 | V |

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

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



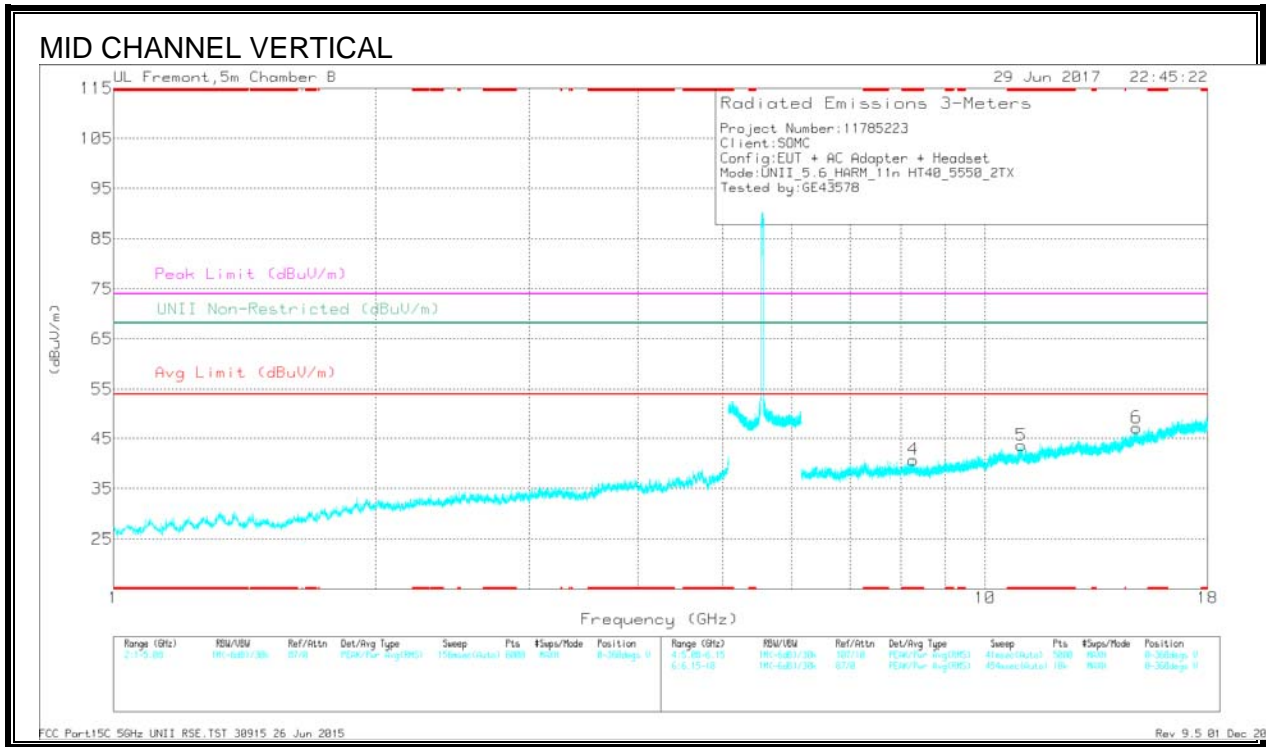
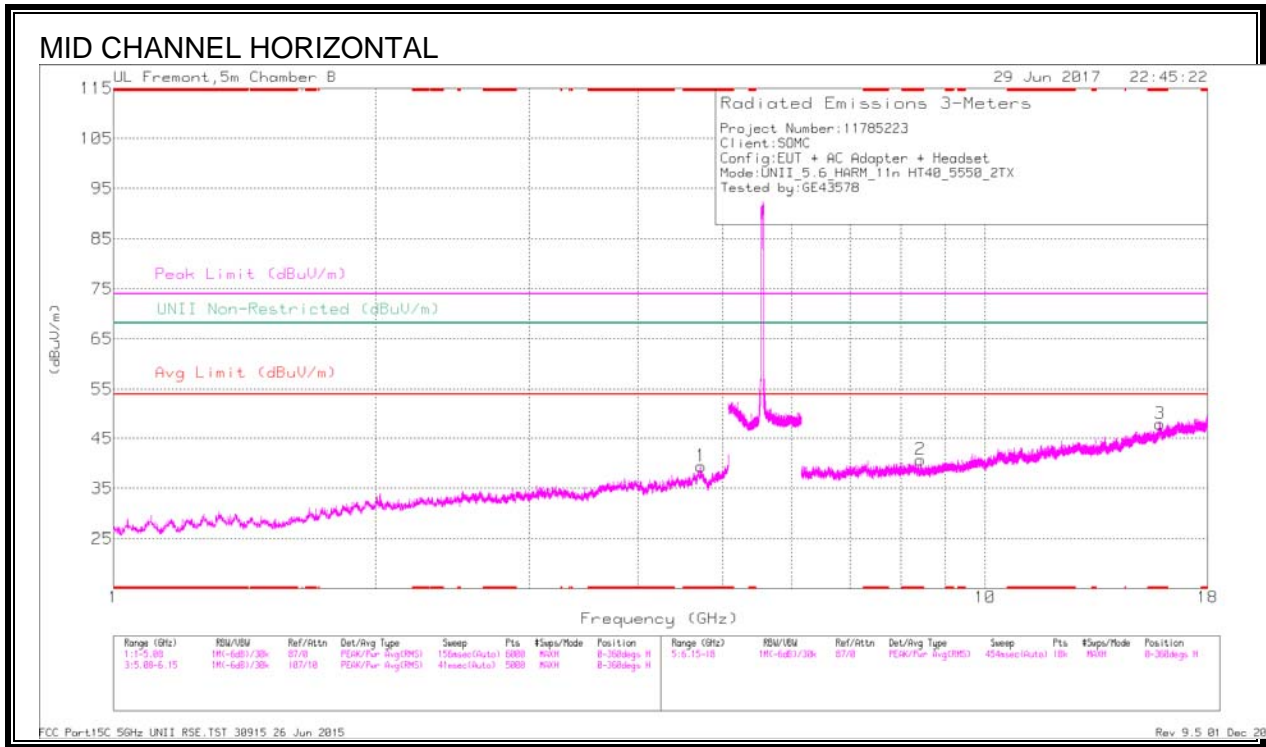
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1983 (dB/m) | Amp/CM/Fit/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 |
|-----------------|----------------------|------|----------------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 4.163 | 38.72 | PK-U | 33.4 | -29.4 | 0 | 42.72 | - | - | 74 | -31.28 | - | - | 320 | 101 | H |
| * 4.163 | 27.1 | ADR | 33.4 | -29.4 | .39 | 31.49 | 54 | -22.51 | - | - | - | - | 320 | 101 | H |
| * 3.663 | 39.92 | PK-U | 33.2 | -31 | 0 | 42.12 | - | - | 74 | -31.88 | - | - | 211 | 101 | V |
| * 3.662 | 28.38 | ADR | 33.2 | -31 | .39 | 30.97 | 54 | -23.03 | - | - | - | - | 211 | 101 | V |
| * 7.271 | 36.24 | PK-U | 35.8 | -25.6 | 0 | 46.44 | - | - | 74 | -27.56 | - | - | 105 | 199 | H |
| * 7.271 | 25.09 | ADR | 35.8 | -25.6 | .39 | 35.68 | 54 | -18.32 | - | - | - | - | 105 | 199 | H |
| 12.769 | 32.56 | PK-U | 39.4 | -21.4 | 0 | 50.56 | - | - | - | - | 68.2 | -17.64 | 164 | 199 | H |
| 13.614 | 33.17 | PK-U | 39.1 | -22 | 0 | 50.27 | - | - | - | - | 68.2 | -17.93 | 29 | 104 | V |
| 16.627 | 31 | PK-U | 42.1 | -18.6 | 0 | 54.5 | - | - | - | - | 68.2 | -13.7 | 65 | 104 | 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



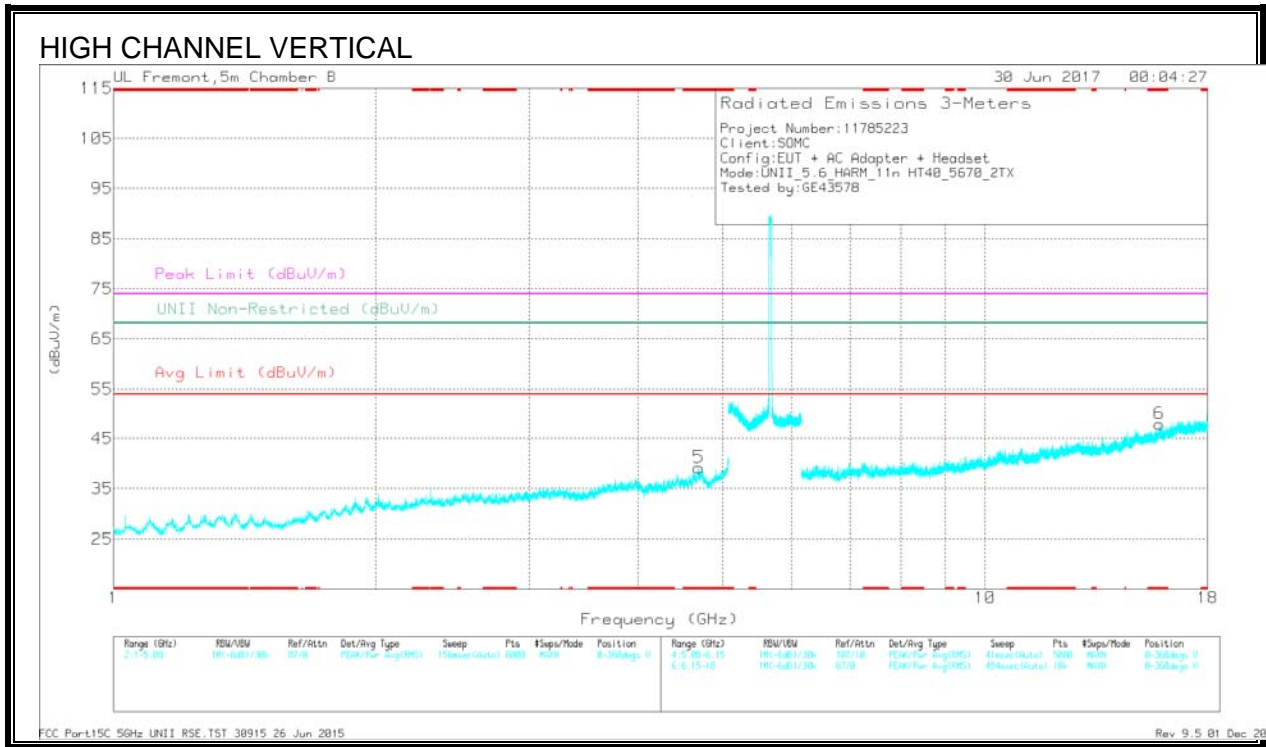
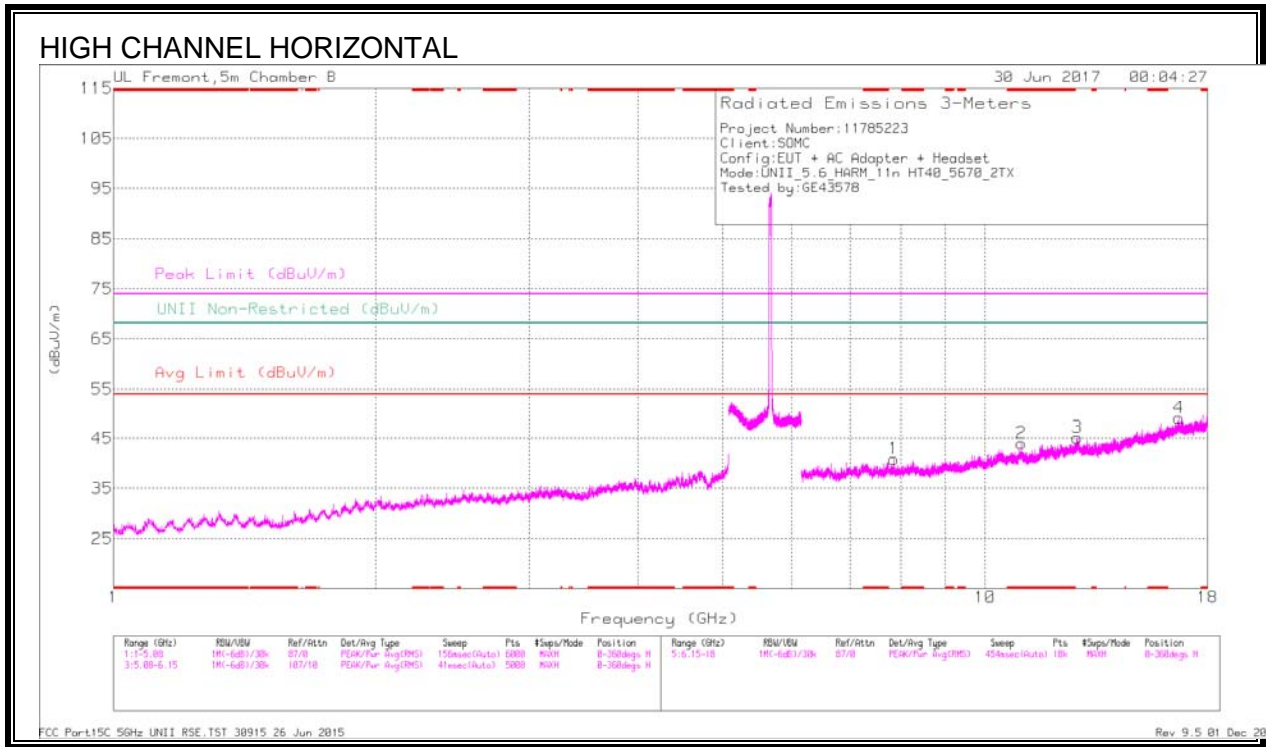
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TBE3 (dB/m) | Amp/Gal/FHz/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Aug 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 |
|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 4.72 | 40.38 | PK-U | 34.2 | -29.2 | 0 | 45.38 | - | - | 74 | -28.62 | - | - | 252 | 199 | H |
| * 4.719 | 28.17 | ADR | 34.2 | -29.2 | .39 | 33.56 | 54 | -20.44 | - | - | - | - | 252 | 199 | H |
| * 8.432 | 35.78 | PK-U | 36 | -26 | 0 | 45.78 | - | - | 74 | -28.22 | - | - | 306 | 199 | H |
| * 8.432 | 24.59 | ADR | 36 | -26 | .39 | 34.98 | 54 | -19.02 | - | - | - | - | 306 | 199 | H |
| * 15.86 | 31.9 | PK-U | 41 | -18.6 | 0 | 54.3 | - | - | 74 | -19.7 | - | - | 342 | 104 | H |
| * 15.859 | 20.79 | ADR | 41 | -18.6 | .39 | 43.58 | 54 | -10.42 | - | - | - | - | 342 | 104 | H |
| * 8.269 | 36.64 | PK-U | 36.1 | -25.6 | 0 | 47.14 | - | - | 74 | -26.86 | - | - | 75 | 104 | V |
| * 8.27 | 24.5 | ADR | 36.1 | -25.6 | .39 | 35.39 | 54 | -18.61 | - | - | - | - | 75 | 104 | V |
| * 10.998 | 33.56 | PK-U | 37.7 | -21.5 | 0 | 49.76 | - | - | 74 | -24.24 | - | - | 5 | 198 | V |
| * 10.998 | 22.11 | ADR | 37.7 | -21.5 | .39 | 38.7 | 54 | -15.3 | - | - | - | - | 5 | 198 | V |
| 14.924 | 32.74 | PK-U | 40.6 | -21 | 0 | 52.34 | - | - | - | - | 68.2 | -15.86 | 33 | 198 | 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



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TMS3 (dB/m) | Amp/Ch/Filt/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 |
|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 4.694 | 40.32 | PK-U | 34.2 | -29 | 0 | 45.52 | - | - | 74 | -28.48 | - | - | 278 | 101 | V |
| * 4.695 | 28.19 | ADR | 34.2 | -29 | .39 | 33.78 | 54 | -20.22 | - | - | - | - | 278 | 101 | V |
| * 11.012 | 33.71 | PK-U | 37.7 | -22 | 0 | 49.41 | - | - | 74 | -24.59 | - | - | 323 | 199 | H |
| * 11.012 | 22.15 | ADR | 37.7 | -22 | .39 | 38.24 | 54 | -15.76 | - | - | - | - | 323 | 199 | H |
| * 15.852 | 32.29 | PK-U | 41 | -18.8 | 0 | 54.49 | - | - | 74 | -19.51 | - | - | 11 | 104 | V |
| * 15.854 | 20.47 | ADR | 41 | -18.7 | .39 | 43.16 | 54 | -10.84 | - | - | - | - | 11 | 104 | V |
| 7.853 | 36.04 | PK-U | 36 | -26.3 | 0 | 45.74 | - | - | - | - | 68.2 | -22.46 | 221 | 104 | H |
| 12.767 | 32.54 | PK-U | 39.4 | -21.5 | 0 | 50.44 | - | - | - | - | 68.2 | -17.76 | 182 | 199 | H |
| 16.674 | 31.08 | PK-U | 42.2 | -19 | 0 | 54.28 | - | - | - | - | 68.2 | -13.92 | 81 | 104 | H |

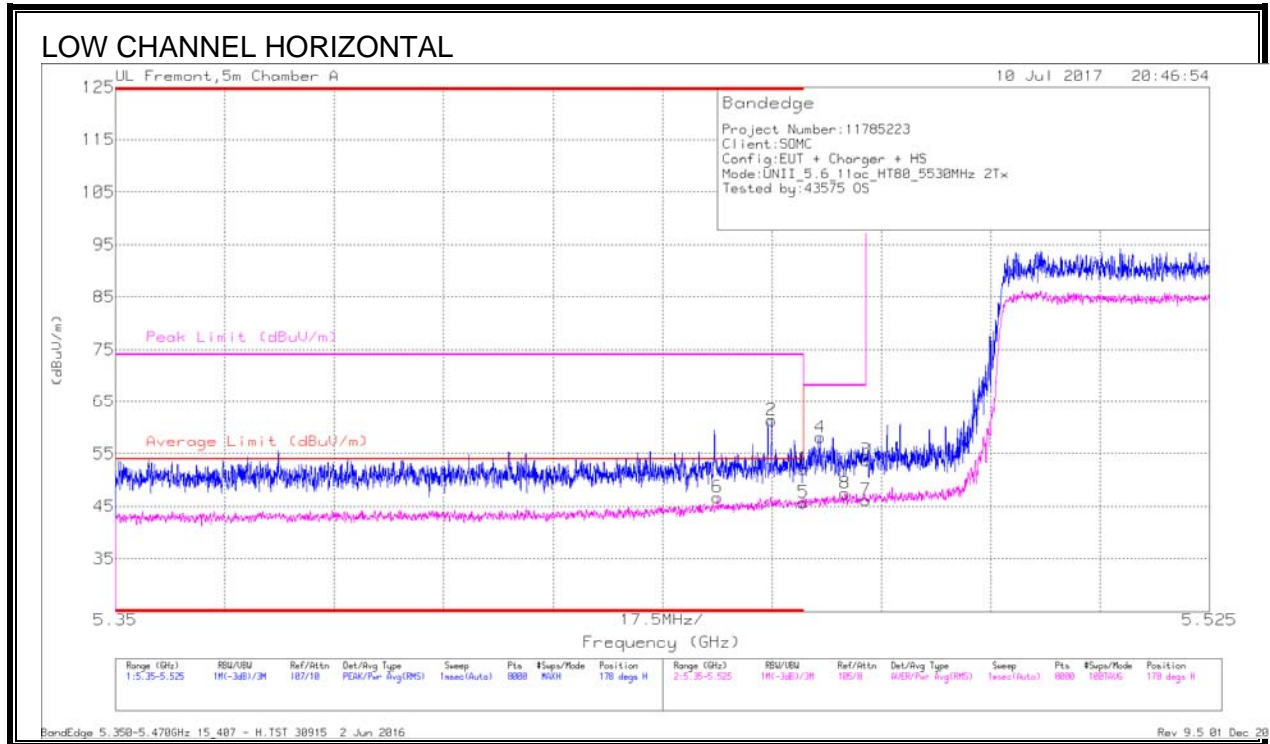
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.12. 11ac HT80 2TX CDD MIMO MODE IN THE 5.6GHz BAND

BANDEDGE (LOW CHANNEL)



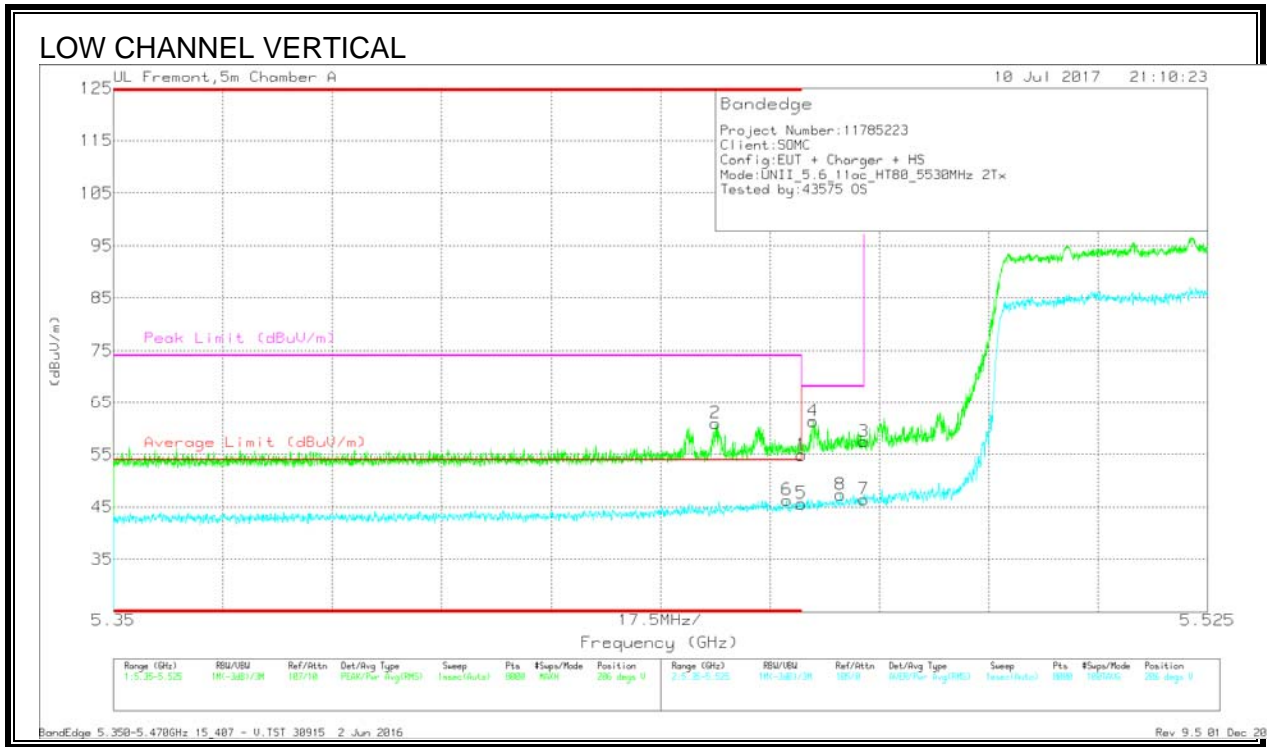
Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF Y862 (dB/m) | Amp/Cbl/Filt/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 |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 6 | * 5.446 | 29.57 | RMS | 34.7 | -18.3 | .72 | 46.69 | 54 | -7.31 | - | - | 178 | 279 | H |
| 2 | * 5.455 | 44.92 | Pk | 34.7 | -18.3 | 0 | 61.32 | - | - | 74 | -12.68 | 178 | 279 | H |
| 1 | * 5.46 | 35.79 | Pk | 34.7 | -18.4 | 0 | 52.09 | - | - | 74 | -21.91 | 178 | 279 | H |
| 5 | * 5.46 | 28.66 | RMS | 34.7 | -18.4 | .72 | 45.68 | 54 | -8.32 | - | - | 178 | 279 | H |
| 4 | 5.463 | 41.75 | Pk | 34.7 | -18.3 | 0 | 58.15 | - | - | 68.2 | -10.05 | 178 | 279 | H |
| 8 | 5.467 | 30.18 | RMS | 34.7 | -18.2 | .72 | 47.4 | - | - | - | - | 178 | 279 | H |
| 3 | 5.47 | 37.15 | Pk | 34.8 | -18.2 | 0 | 53.75 | - | - | 68.2 | -14.45 | 178 | 279 | H |
| 7 | 5.47 | 28.82 | RMS | 34.8 | -18.2 | .72 | 46.14 | - | - | - | - | 178 | 279 | H |

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

Pk - Peak detector

RMS - RMS detection

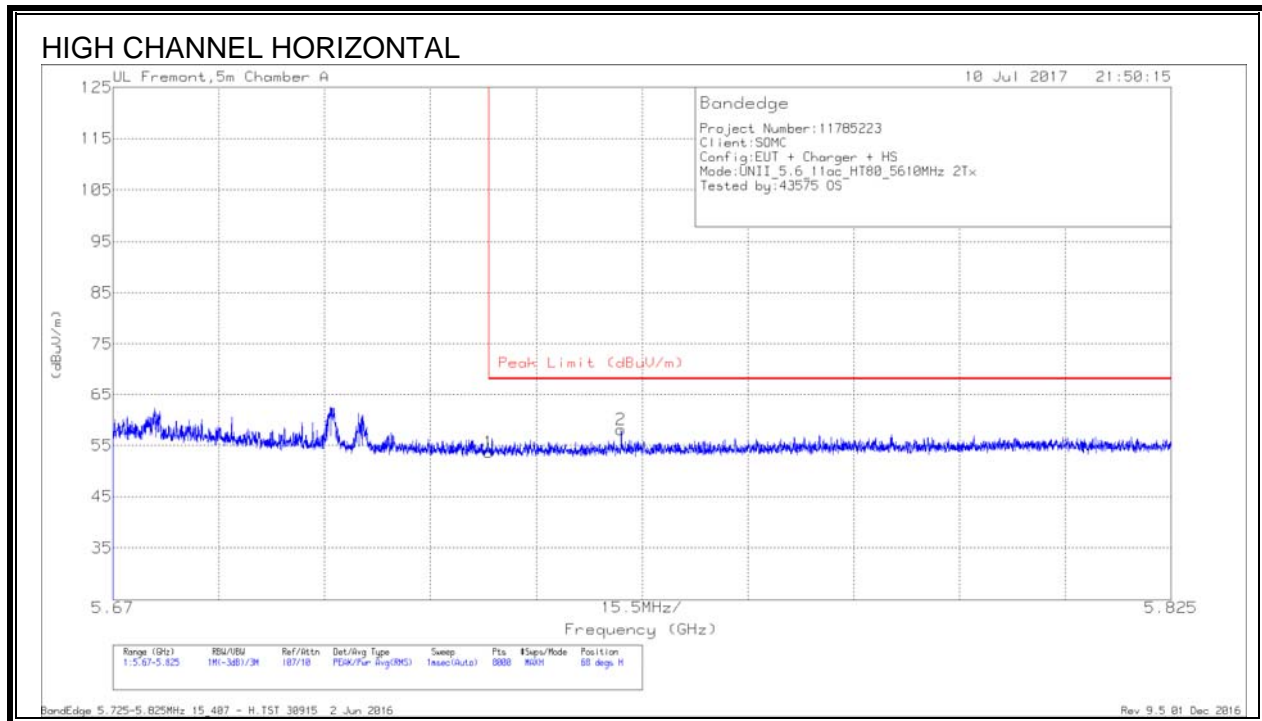


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Chl/Filt/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 | * 5.446 | 44.6 | Pk | 34.7 | -18.3 | 0 | 61 | - | - | 74 | -13 | 206 | 264 | V |
| 6 | * 5.458 | 29.25 | RMS | 34.7 | -18.3 | .72 | 46.37 | 54 | -7.63 | - | - | 206 | 264 | V |
| 1 | * 5.46 | 38.55 | Pk | 34.7 | -18.4 | 0 | 54.85 | - | - | 74 | -19.15 | 206 | 264 | V |
| 5 | * 5.46 | 28.62 | RMS | 34.7 | -18.4 | .72 | 45.64 | 54 | -8.36 | - | - | 206 | 264 | V |
| 4 | 5.462 | 45.03 | Pk | 34.7 | -18.4 | 0 | 61.33 | - | - | 68.2 | -6.87 | 206 | 264 | V |
| 8 | 5.466 | 30.11 | RMS | 34.7 | -18.2 | .72 | 47.33 | - | - | - | - | 206 | 264 | V |
| 3 | 5.47 | 40.85 | Pk | 34.8 | -18.2 | 0 | 57.45 | - | - | 68.2 | -10.75 | 206 | 264 | V |
| 7 | 5.47 | 29.08 | RMS | 34.8 | -18.2 | .72 | 46.4 | - | - | - | - | 206 | 264 | V |

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

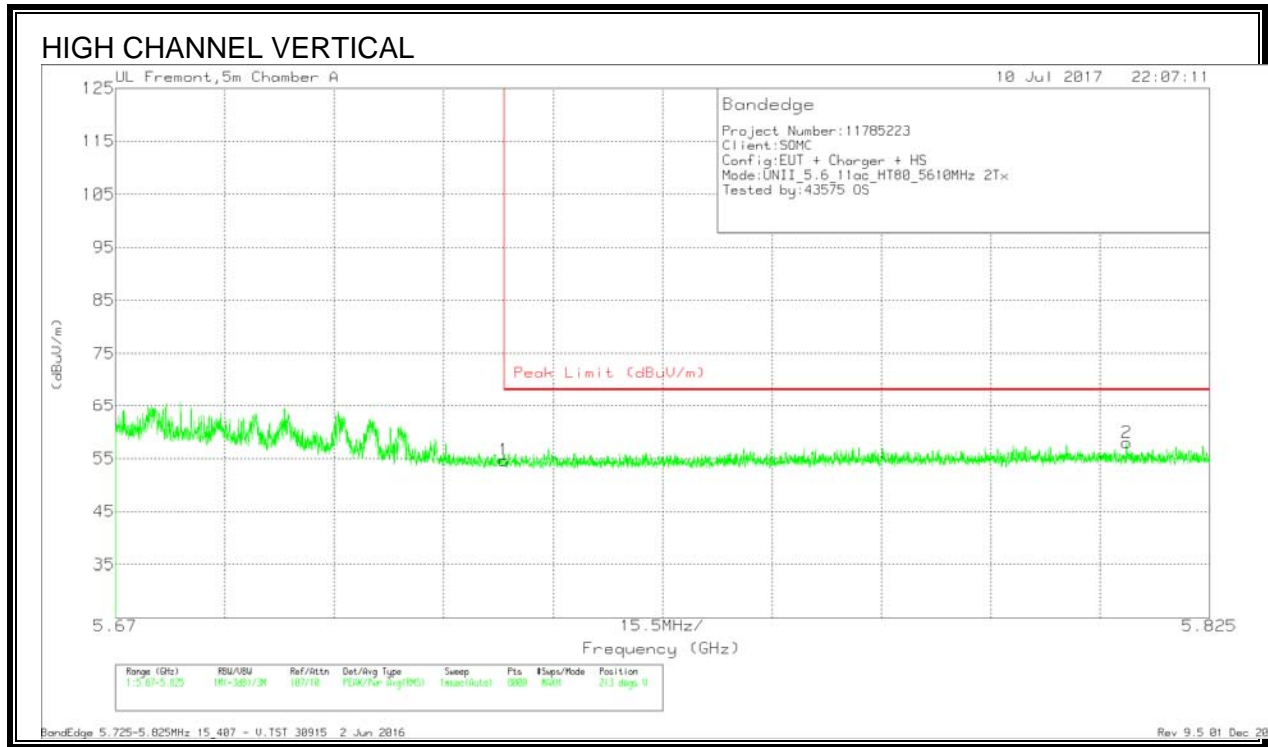
BANDEDGE (HIGH CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbl/Filtr/Parad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 5.725 | 37.08 | Pk | 35 | -18.4 | 0 | 53.68 | 68.2 | -14.52 | 68 | 239 | H |
| 2 | 5.744 | 41.36 | Pk | 35 | -18.3 | 0 | 58.06 | 68.2 | -10.14 | 68 | 239 | H |

Pk - Peak detector

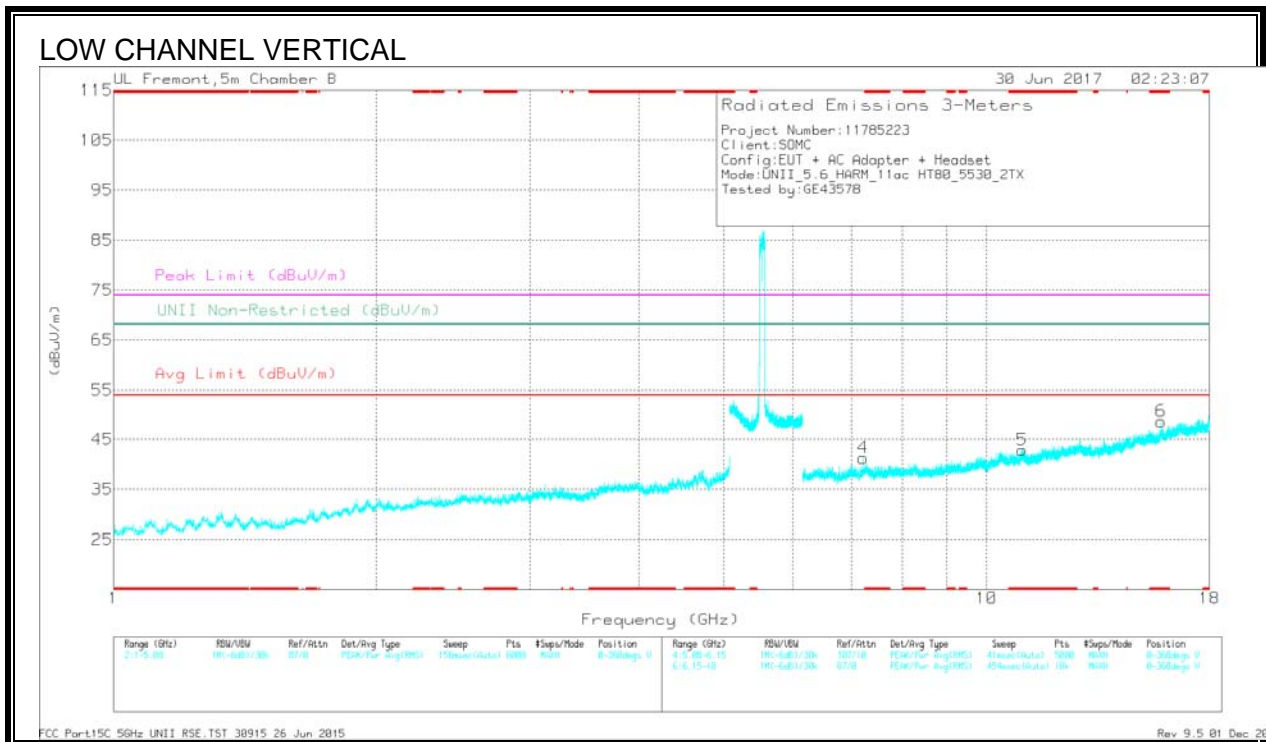
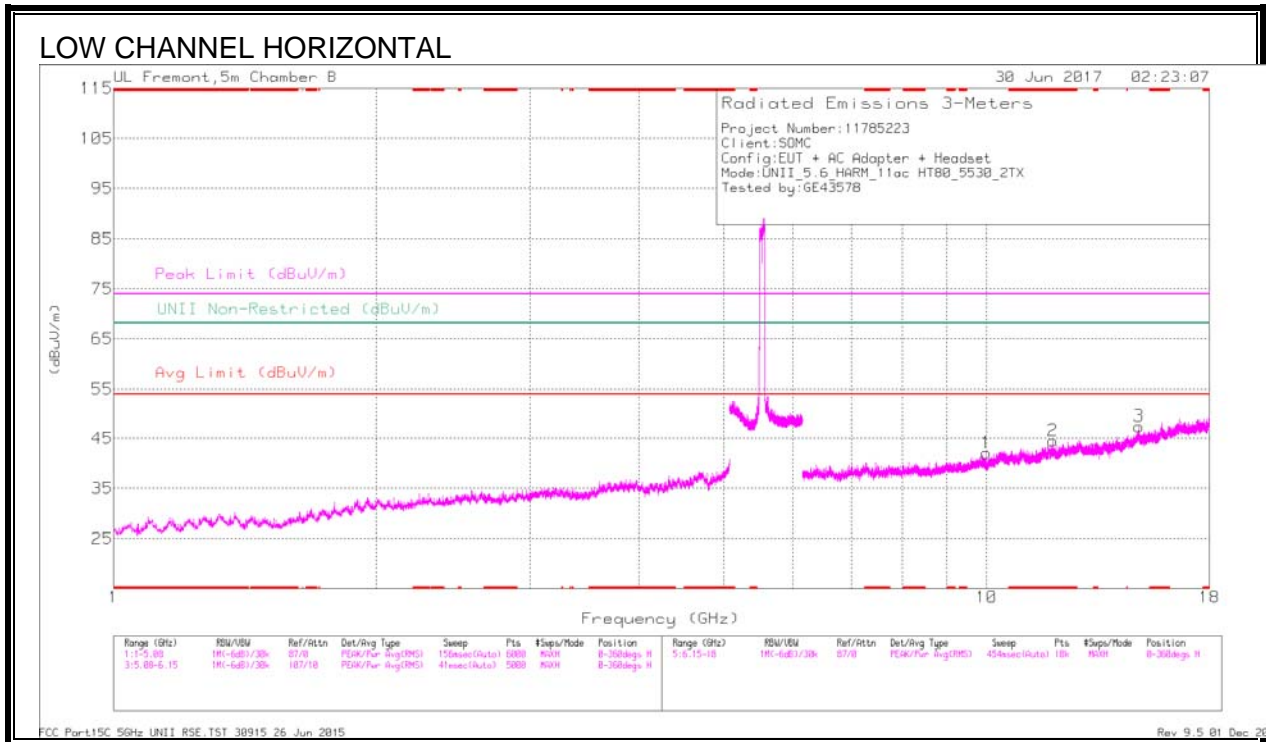


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 5.725 | 38.03 | Pk | 35 | -18.4 | 0 | 54.63 | 68.2 | -13.57 | 213 | 271 | V |
| 2 | 5.813 | 40.86 | Pk | 35.1 | -18 | 0 | 57.96 | 68.2 | -10.24 | 213 | 271 | V |

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



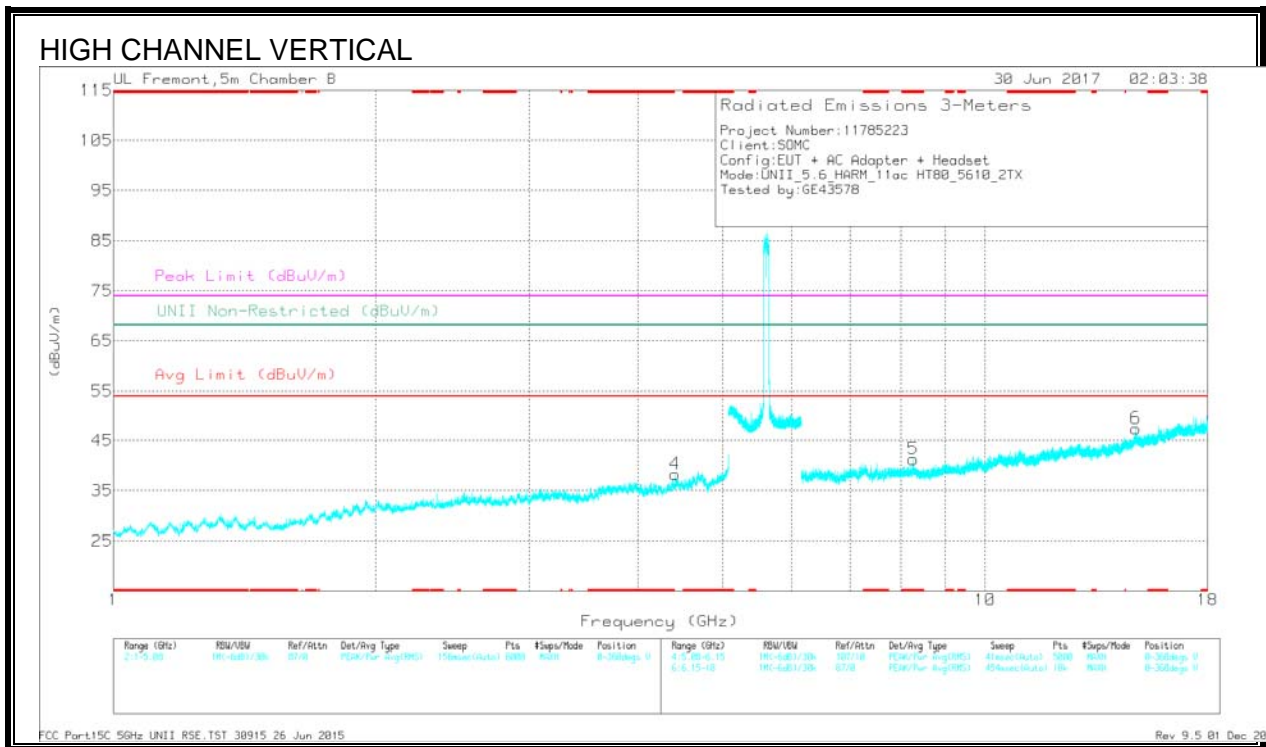
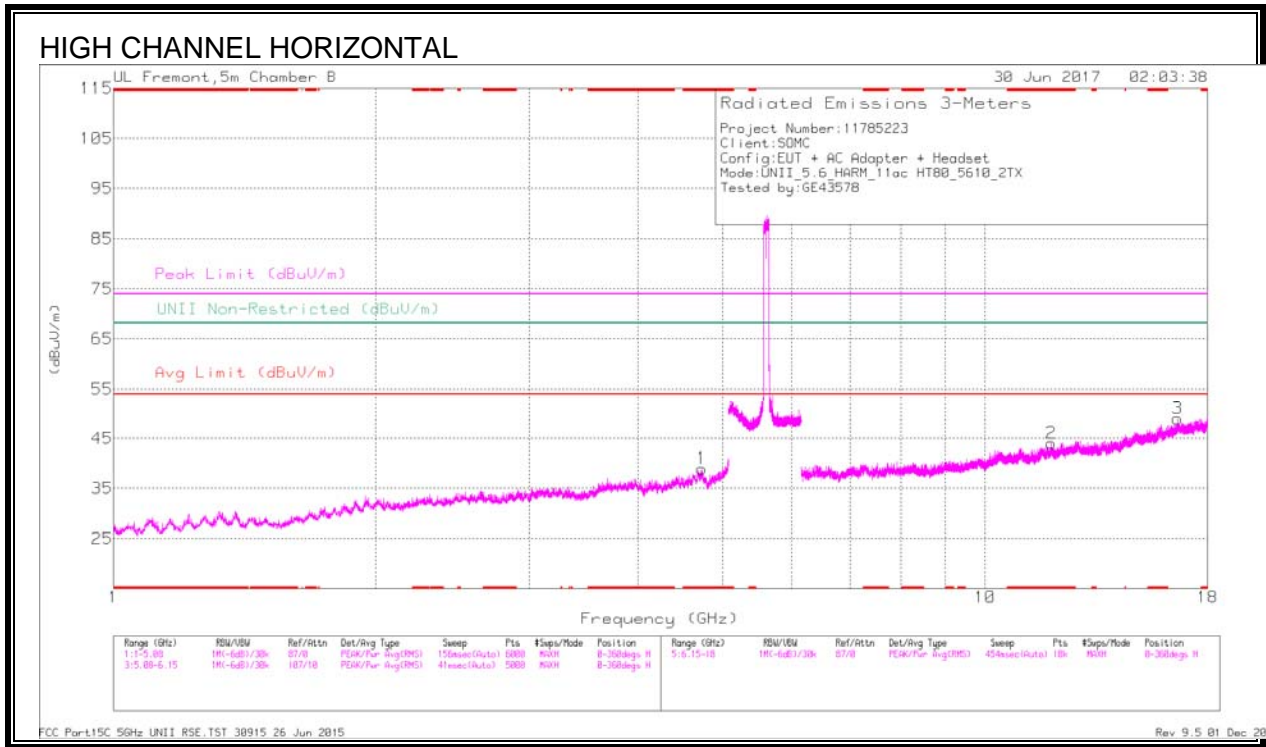
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T83 (dB/m) | Amp/Ch/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Aug 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 |
|-----------------|----------------------|------|---------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 11.912 | 33.55 | PK-U | 38.7 | -22 | 0 | 50.25 | - | - | 74 | -23.75 | - | - | 219 | 199 | H |
| * 11.913 | 21.32 | ADR | 38.7 | -22 | .72 | 38.74 | 54 | -15.26 | - | - | - | - | 219 | 199 | H |
| * 10.987 | 33.42 | PK-U | 37.7 | -22.1 | 0 | 49.02 | - | - | 74 | -24.98 | - | - | 252 | 199 | V |
| * 10.987 | 21.48 | ADR | 37.7 | -22.1 | .72 | 37.8 | 54 | -16.2 | - | - | - | - | 252 | 199 | V |
| * 15.854 | 32.04 | PK-U | 41 | -18.7 | 0 | 54.34 | - | - | 74 | -19.66 | - | - | 325 | 199 | V |
| * 15.856 | 20.34 | ADR | 41 | -18.7 | .72 | 43.36 | 54 | -10.64 | - | - | - | - | 325 | 199 | V |
| 7.223 | 36.98 | PK-U | 35.8 | -26.1 | 0 | 46.68 | - | - | - | - | 68.2 | -21.52 | 356 | 199 | V |
| 9.99 | 34.17 | PK-U | 37.1 | -24.5 | 0 | 46.77 | - | - | - | - | 68.2 | -21.43 | 251 | 198 | H |
| 14.951 | 33.08 | PK-U | 40.6 | -21.2 | 0 | 52.48 | - | - | - | - | 68.2 | -15.72 | 302 | 104 | 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



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T83 (dB/m) | Amp/Ch/Filt/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 (Deg) | Height (cm) | Polarity |
|-----------------|----------------------|------|---------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|---------------|-------------|----------|
| * 4.735 | 40.03 | PK-U | 34.2 | -29 | 0 | 45.23 | - | - | 74 | -28.77 | - | - | 45 | 102 | H |
| * 4.734 | 28.73 | ADR | 34.2 | -29 | .72 | 34.65 | 54 | -19.35 | - | - | - | - | 45 | 102 | H |
| * 11.916 | 33.55 | PK-U | 38.7 | -22.1 | 0 | 50.15 | - | - | 74 | -23.85 | - | - | 255 | 198 | H |
| * 11.916 | 22.07 | ADR | 38.7 | -22.1 | .72 | 39.39 | 54 | -14.61 | - | - | - | - | 255 | 198 | H |
| * 8.268 | 36.28 | PK-U | 36.1 | -25.6 | 0 | 46.78 | - | - | 74 | -27.22 | - | - | 71 | 198 | V |
| * 8.269 | 24.57 | ADR | 36.1 | -25.6 | .72 | 35.79 | 54 | -18.21 | - | - | - | - | 71 | 198 | V |
| 4.405 | 38.62 | PK-U | 33.8 | -29.3 | 0 | 43.12 | - | - | - | - | 68.2 | -25.08 | 133 | 102 | V |
| 14.89 | 32.93 | PK-U | 40.6 | -21.4 | 0 | 52.13 | - | - | - | - | 68.2 | -16.07 | 19 | 104 | V |
| 16.63 | 32.1 | PK-U | 42.1 | -18.6 | 0 | 55.6 | - | - | - | - | 68.2 | -12.6 | 202 | 198 | H |

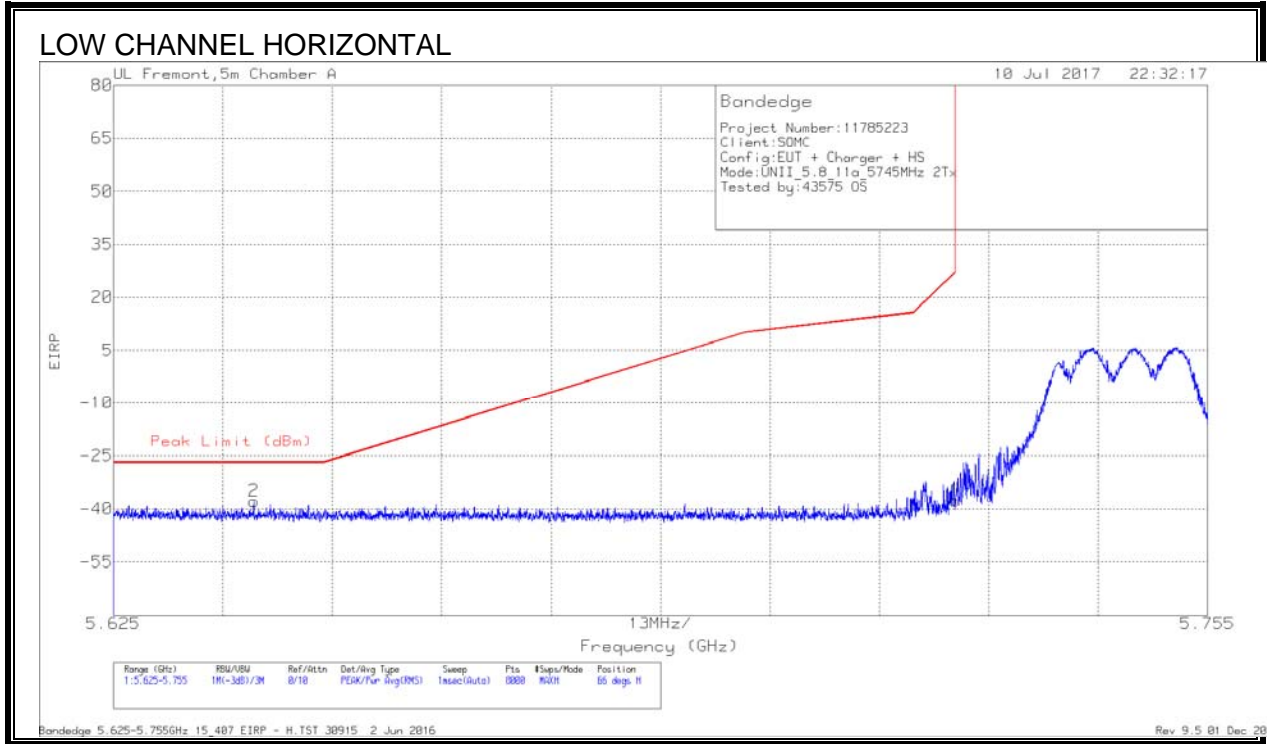
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.13. 11a 2TX CDD MIMO MODE IN THE 5.8GHZ BAND

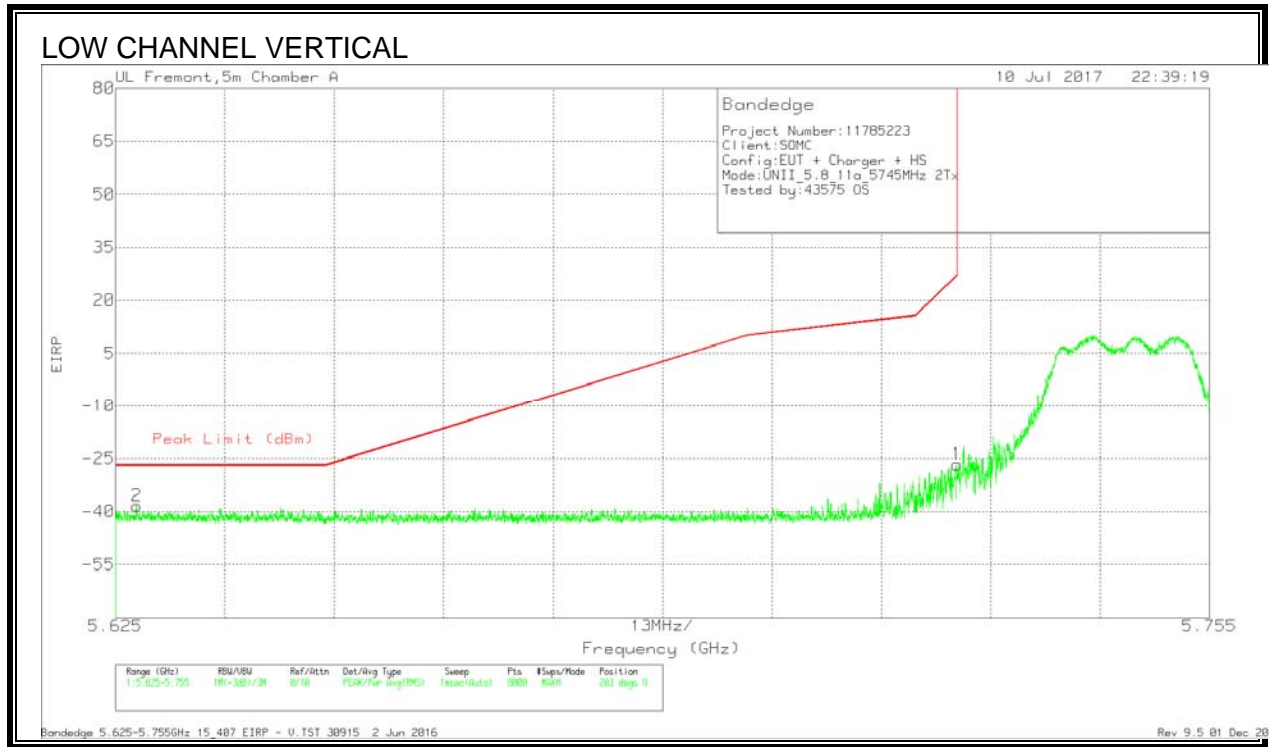
BANDEDGE (LOW CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cb1/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.642 | -66.17 | Pk | 35.1 | -18.5 | 11.8 | 0 | -37.77 | -27 | -10.77 | 66 | 273 | H |
| 1 | 5.725 | -65.99 | Pk | 35 | -18.4 | 11.8 | 0 | -37.59 | 27 | -64.59 | 66 | 273 | H |

Pk - Peak detector

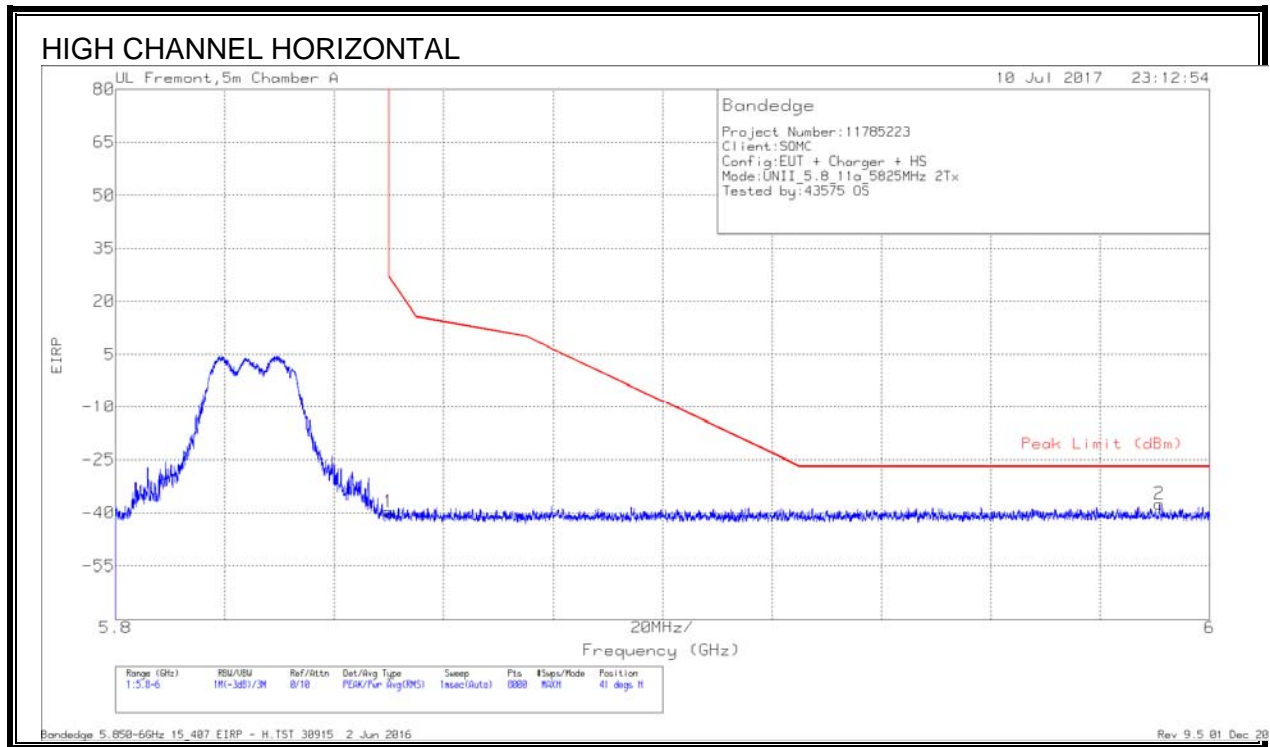


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AFT862 (dB/m) | Amp/CbI/Ftr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.628 | -66.91 | Pk | 35.1 | -18.4 | 11.8 | 0 | -38.41 | -27 | -11.41 | 203 | 321 | V |
| 1 | 5.725 | -55.1 | Pk | 35 | -18.4 | 11.8 | 0 | -26.7 | 27 | -53.7 | 203 | 321 | V |

Pk - Peak detector

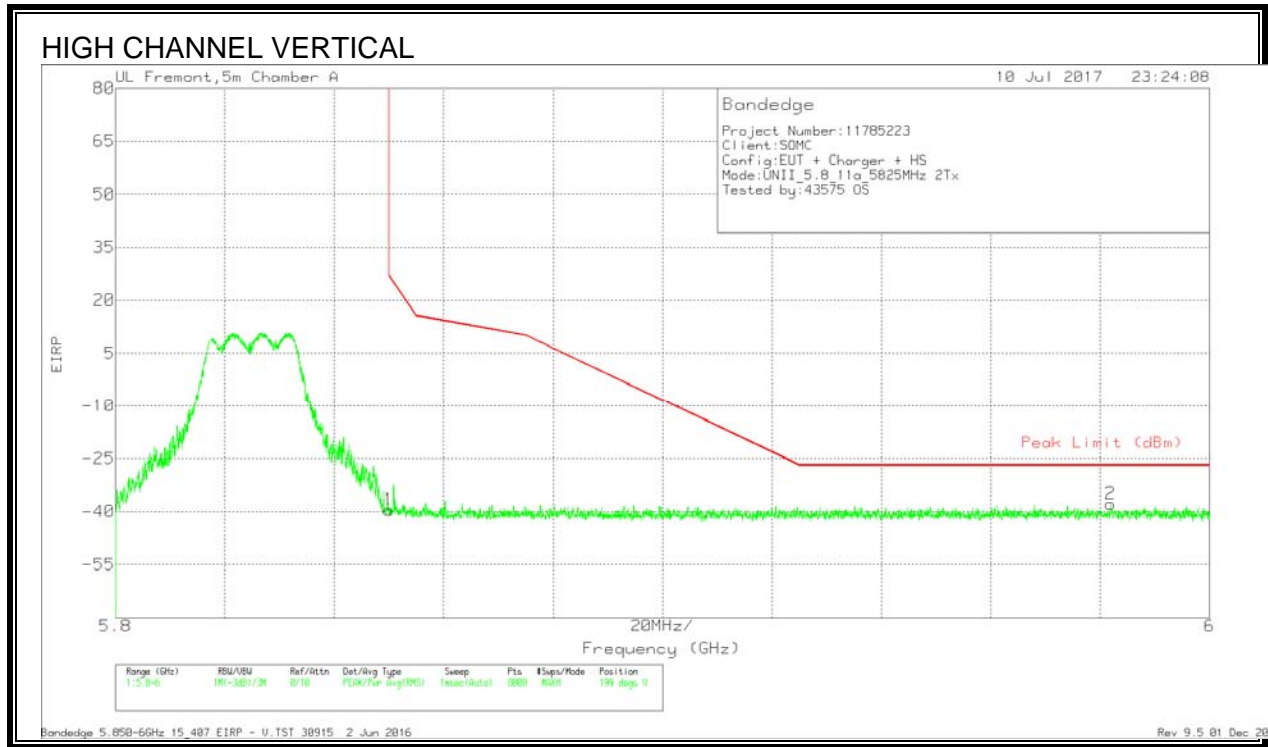
BANDEDGE (HIGH CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cb/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -68.48 | Pk | 35.1 | -18.1 | 11.8 | 0 | -39.68 | 26.99 | -66.67 | 41 | 323 | H |
| 2 | 5.991 | -66.92 | Pk | 35.3 | -17.7 | 11.8 | 0 | -37.52 | -27 | -10.52 | 41 | 323 | H |

Pk - Peak detector

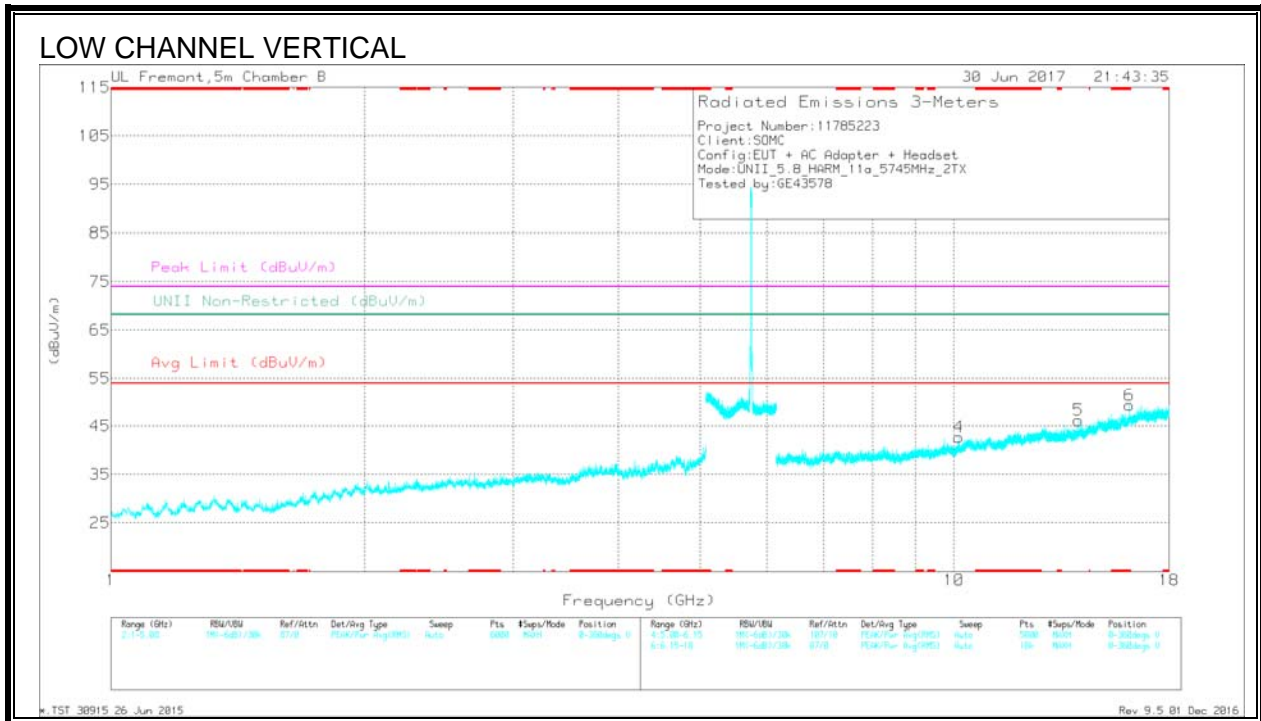
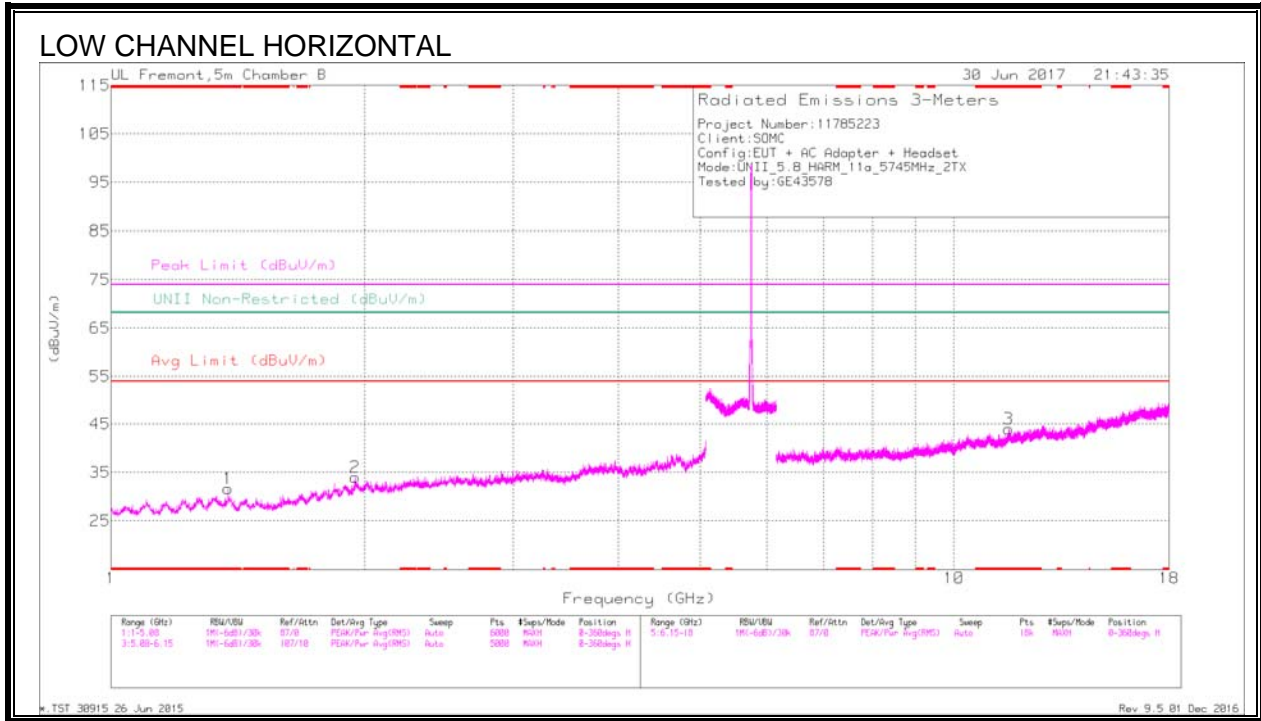


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -68.27 | Pk | 35.1 | -18.1 | 11.8 | 0 | -39.47 | 26.99 | -66.46 | 199 | 323 | V |
| 2 | 5.982 | -67.3 | Pk | 35.3 | -17.7 | 11.8 | 0 | -37.9 | -27 | -10.9 | 199 | 323 | V |

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



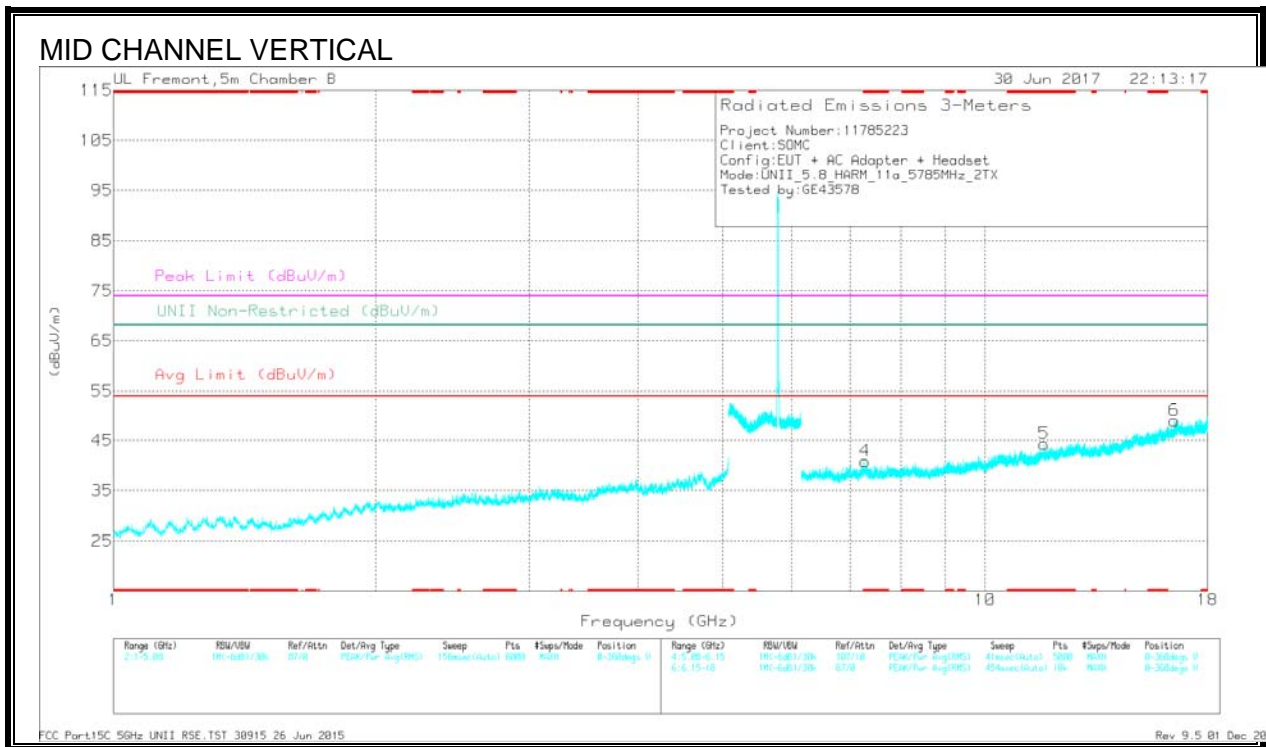
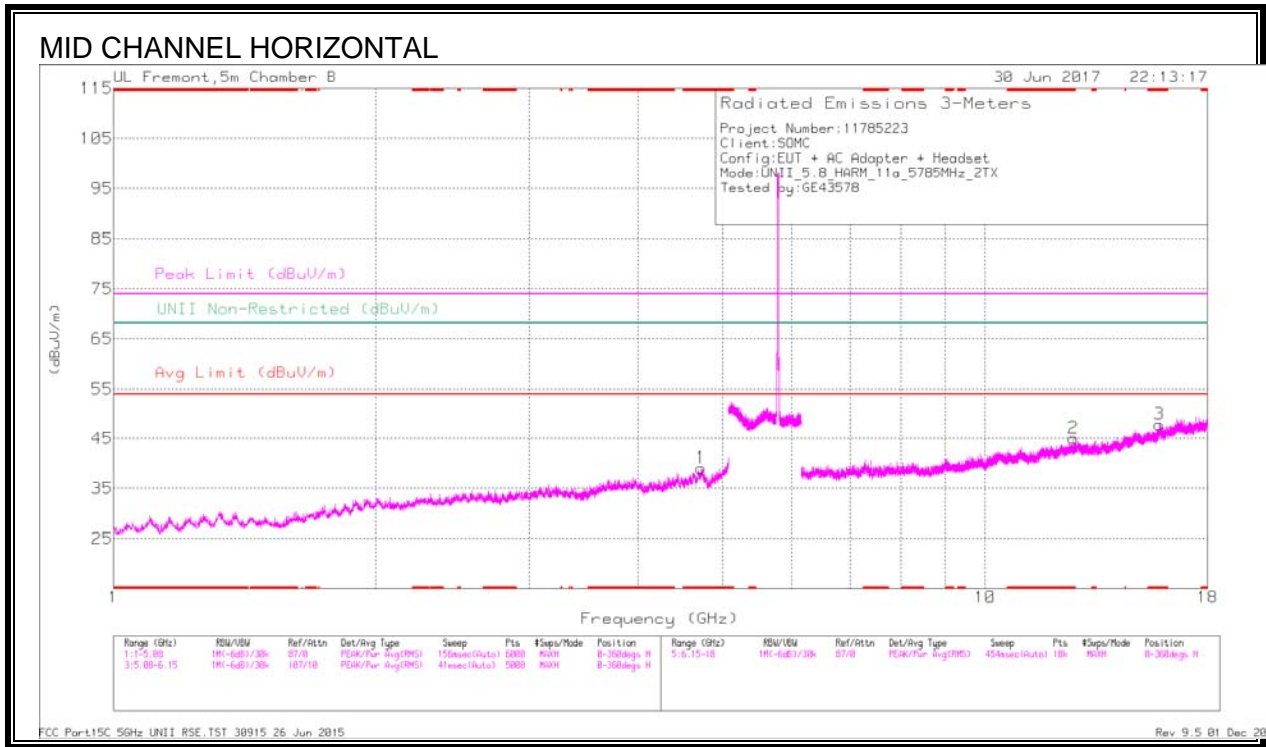
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TBE3 (dB/m) | Amp/CM/Plr/Psd (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Asg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Altitude (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|-----------------|-------------|----------|
| * 1.378 | 41.56 | PK-U | 28.5 | -33.3 | 0 | 36.76 | - | - | 74 | -37.24 | - | - | 312 | 101 | H |
| * 1.376 | 30.11 | ADR | 28.5 | -33.3 | 24 | 25.55 | 54 | -28.45 | - | - | - | - | 312 | 101 | H |
| * 11.615 | 32.7 | PK-U | 38.2 | -21.5 | 0 | 49.4 | - | - | 74 | -24.6 | - | - | 277 | 199 | H |
| * 11.616 | 21.73 | ADR | 38.3 | -21.5 | 24 | 38.77 | 54 | -15.23 | - | - | - | - | 277 | 199 | H |
| * 16.148 | 32.91 | PK-U | 41.3 | -19.7 | 0 | 54.51 | - | - | 74 | -19.49 | - | - | 252 | 104 | V |
| * 16.148 | 21.38 | ADR | 41.3 | -19.7 | 24 | 43.22 | 54 | -10.78 | - | - | - | - | 252 | 104 | V |
| 1.948 | 40.34 | PK-U | 31.1 | -32 | 0 | 39.44 | - | - | - | - | 68.2 | -28.76 | 344 | 101 | H |
| 10.142 | 33.7 | PK-U | 37.4 | -23.5 | 0 | 47.6 | - | - | - | - | 68.2 | -20.6 | 22 | 200 | V |
| 14.051 | 32.97 | PK-U | 39.2 | -21.6 | 0 | 50.57 | - | - | - | - | 68.2 | -17.63 | 155 | 104 | V |

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

PK-U - U-NII: Maximum Peak

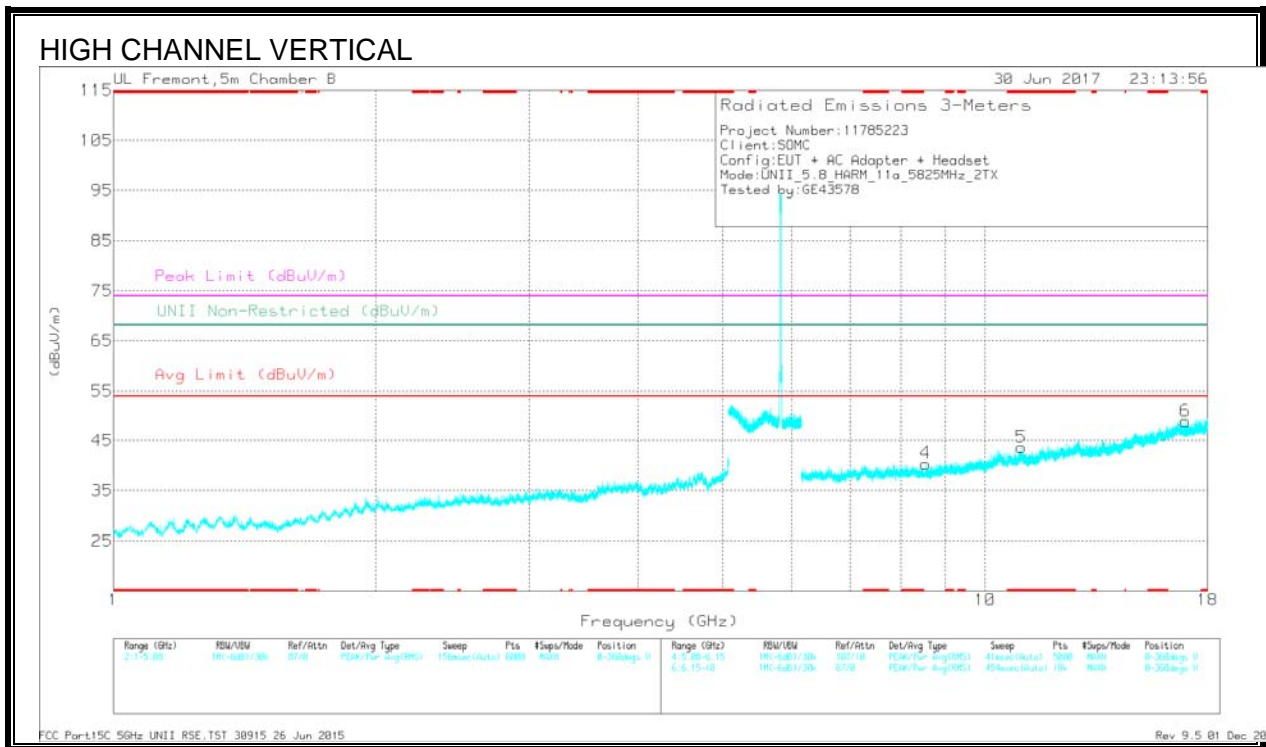
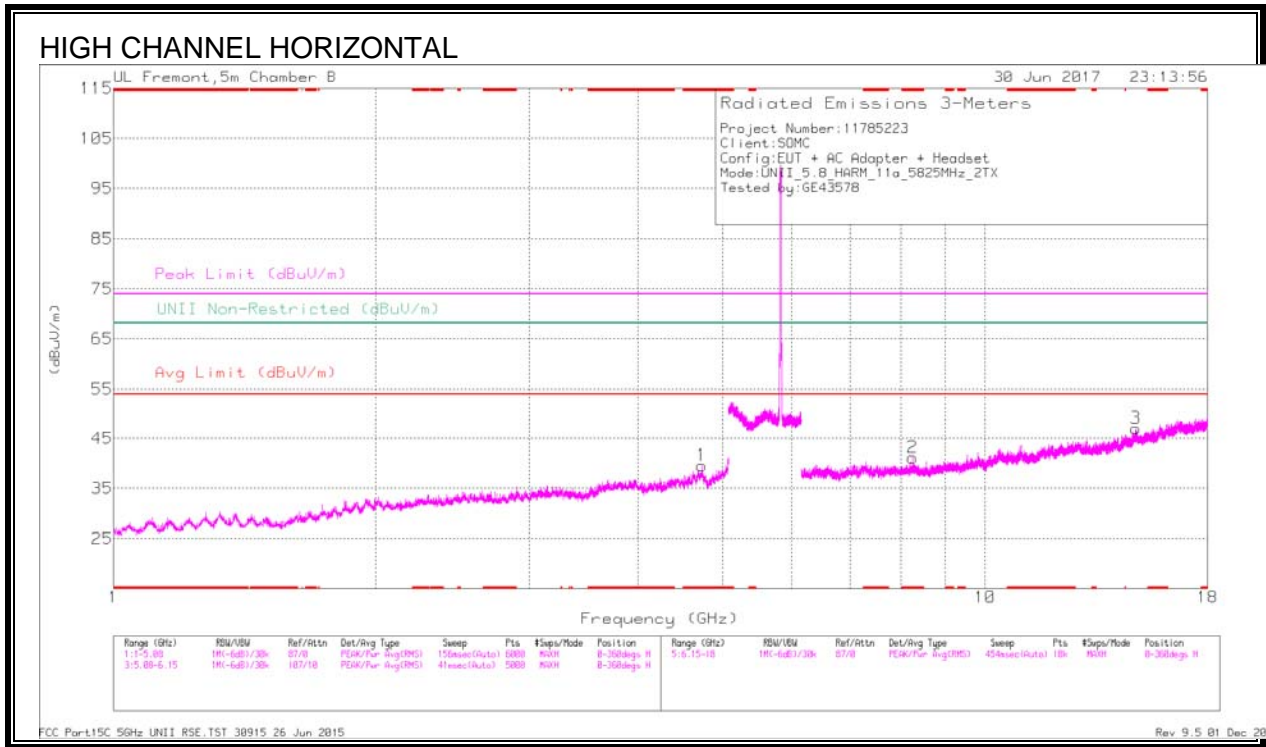
ADR - U-NII AD primary method, RMS average



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TBE3 (dB/m) | Amp/Ch/Flt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Aug 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 |
|-----------------|----------------------|------|----------------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 4.722 | 40.46 | PK-U | 34.2 | -29.1 | 0 | 45.56 | - | - | 74 | -28.44 | - | - | 71 | 199 | H |
| * 4.722 | 28.52 | ADR | 34.2 | -29.1 | .24 | 33.86 | 54 | -20.14 | - | - | - | - | 71 | 199 | H |
| * 15.848 | 32.14 | PK-U | 41 | -19 | 0 | 54.14 | - | - | 74 | -19.86 | - | - | 155 | 199 | H |
| * 15.847 | 20.61 | ADR | 41 | -19 | .24 | 42.85 | 54 | -11.15 | - | - | - | - | 155 | 199 | H |
| * 12.62 | 34.05 | PK-U | 39.3 | -22.7 | 0 | 50.65 | - | - | 74 | -23.35 | - | - | 251 | 104 | H |
| * 12.62 | 22.15 | ADR | 39.3 | -22.7 | .24 | 38.99 | 54 | -15.01 | - | - | - | - | 251 | 104 | H |
| * 7.285 | 36.83 | PK-U | 35.8 | -26 | 0 | 46.63 | - | - | 74 | -27.37 | - | - | 277 | 198 | V |
| * 7.286 | 25.45 | ADR | 35.8 | -26 | .24 | 35.49 | 54 | -18.51 | - | - | - | - | 277 | 198 | V |
| * 11.687 | 34.45 | PK-U | 38.4 | -22.7 | 0 | 50.15 | - | - | 74 | -23.85 | - | - | 312 | 104 | V |
| * 11.685 | 22.27 | ADR | 38.4 | -22.6 | .24 | 38.31 | 54 | -15.69 | - | - | - | - | 312 | 104 | V |
| 16.479 | 31.29 | PK-U | 41.7 | -19.5 | 0 | 53.49 | - | - | - | - | 68.2 | -14.71 | 337 | 104 | 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



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TMS3 (dB/m) | Amp/Ch/Filt/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 |
|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 4.732 | 40.06 | PK-U | 34.2 | -29 | 0 | 45.86 | - | - | 74 | -28.14 | - | - | 146 | 101 | H |
| * 4.732 | 28.38 | ADR | 34.2 | -29 | .24 | 33.82 | 54 | -20.18 | - | - | - | - | 146 | 101 | H |
| * 8.261 | 36.55 | PK-U | 36.1 | -25.7 | 0 | 46.95 | - | - | 74 | -27.05 | - | - | 122 | 199 | H |
| * 8.261 | 25.42 | ADR | 36.1 | -25.7 | .24 | 36.06 | 54 | -17.94 | - | - | - | - | 122 | 199 | H |
| * 11.003 | 33.36 | PK-U | 37.7 | -21.5 | 0 | 49.56 | - | - | 74 | -24.44 | - | - | 238 | 104 | V |
| * 11.004 | 21.29 | ADR | 37.7 | -21.5 | .24 | 37.73 | 54 | -16.27 | - | - | - | - | 238 | 104 | V |
| 8.545 | 34.98 | PK-U | 36 | -26 | 0 | 44.98 | - | - | - | - | 68.2 | -23.22 | 270 | 104 | V |
| 14.891 | 32.84 | PK-U | 40.6 | -21.4 | 0 | 52.04 | - | - | - | - | 68.2 | -16.16 | 255 | 199 | H |
| 16.966 | 30.92 | PK-U | 42.2 | -19.7 | 0 | 53.42 | - | - | - | - | 68.2 | -14.78 | 302 | 199 | V |

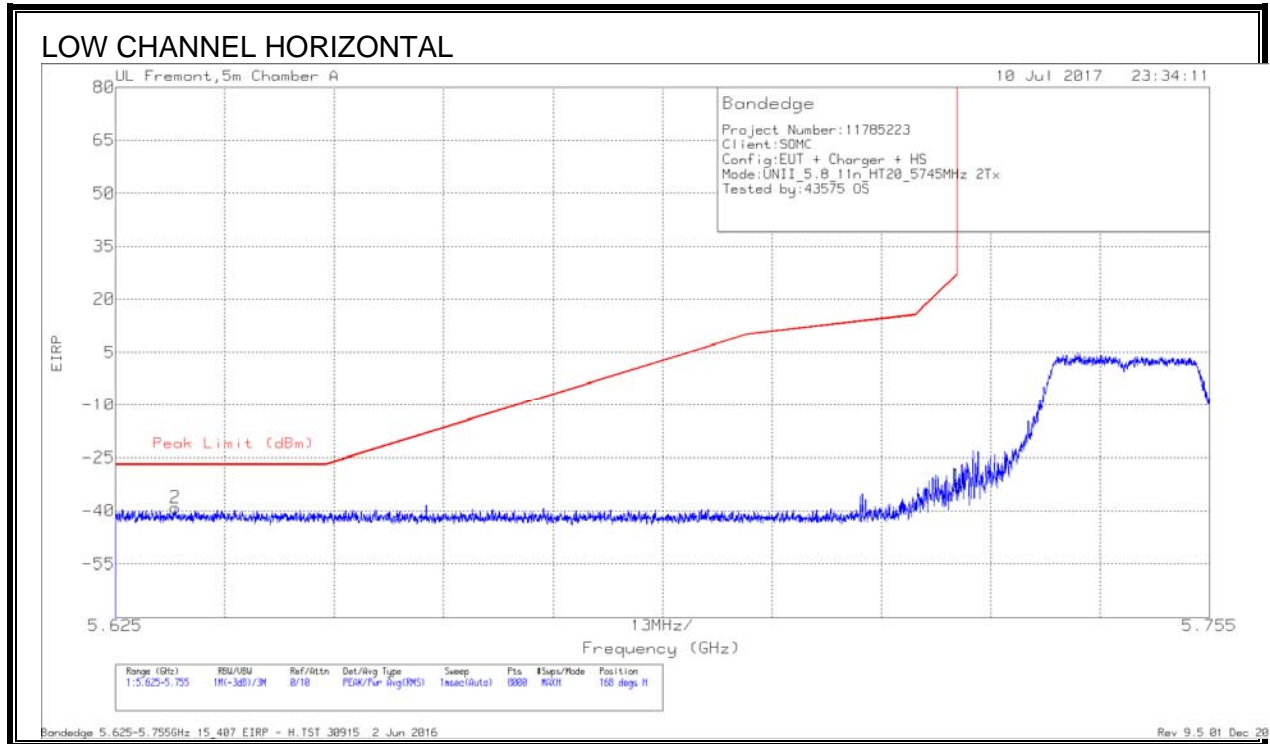
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.14. 11n HT20 2TX CDD MIMO MODE IN THE 5.8GHZ BAND

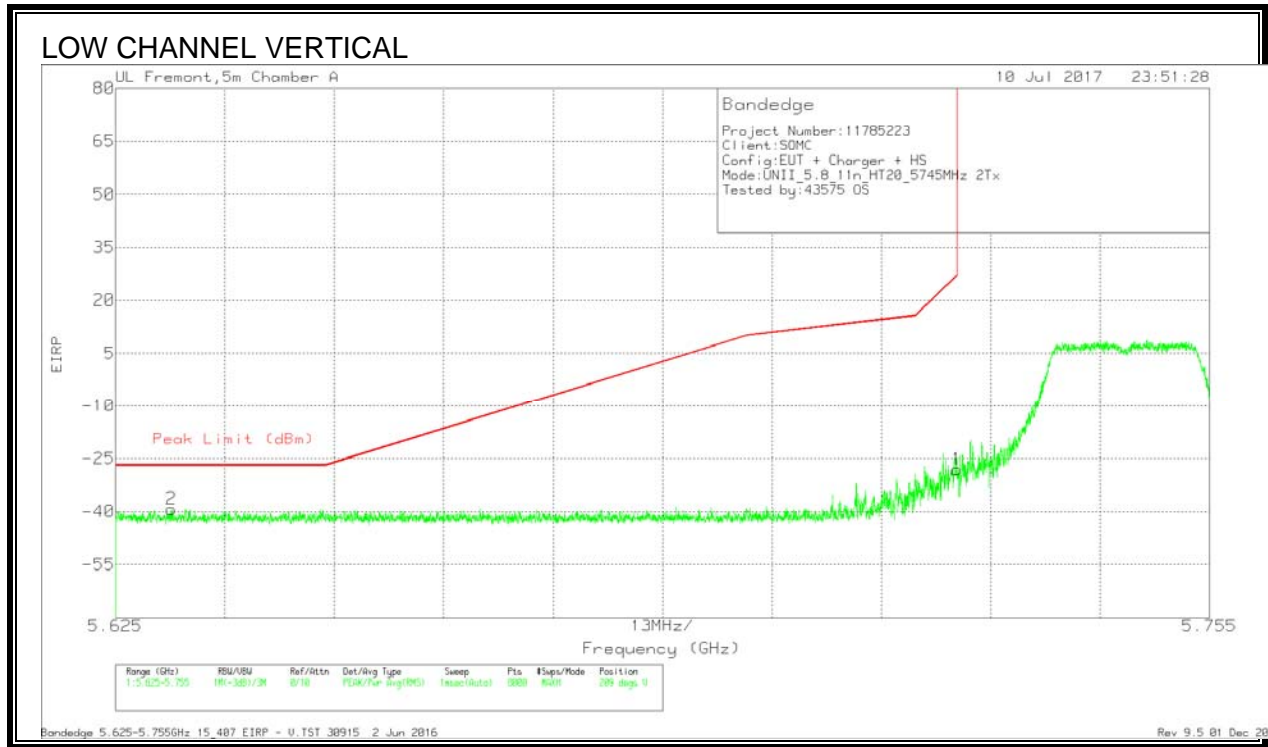
BANDEDGE (LOW CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cb1/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.632 | -67.47 | Pk | 35.1 | -18.5 | 11.8 | 0 | -39.07 | -27 | -12.07 | 168 | 273 | H |
| 1 | 5.725 | -61.2 | Pk | 35 | -18.4 | 11.8 | 0 | -32.8 | 27 | -59.8 | 168 | 273 | H |

Pk - Peak detector

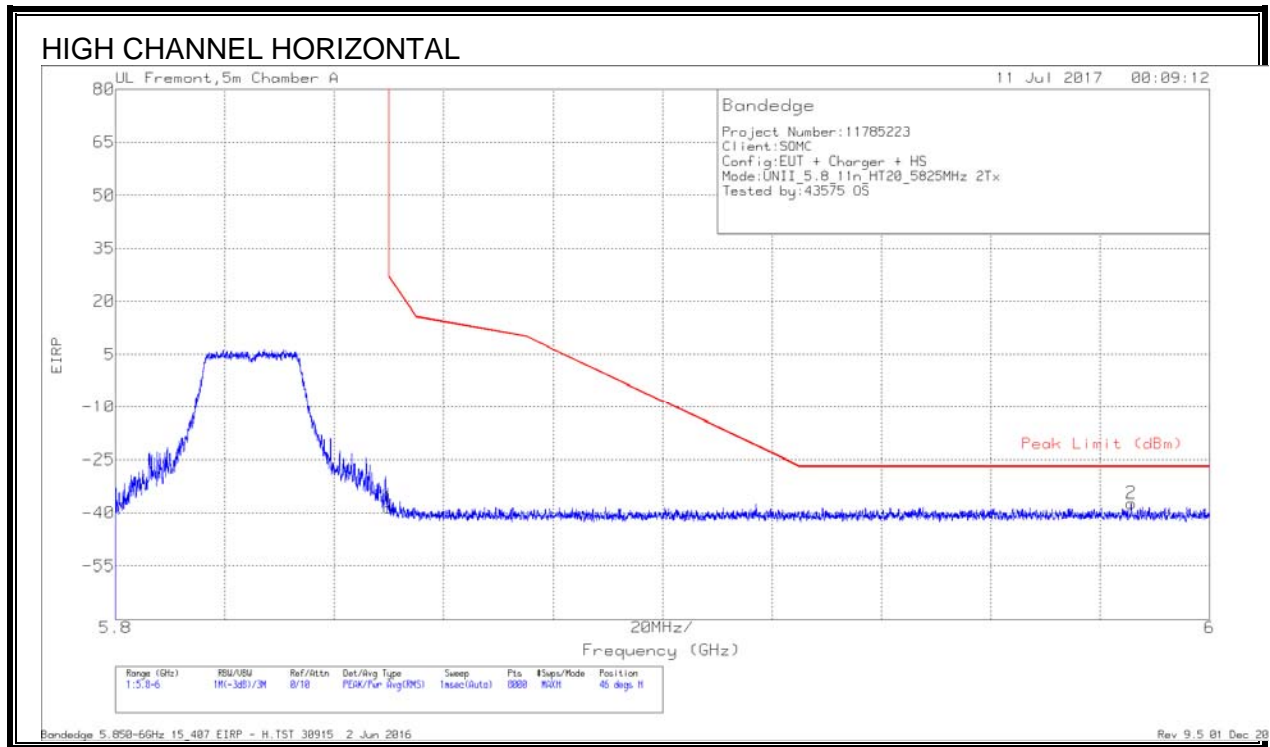


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AFT862 (dB/m) | Amp/Cb/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.632 | -67.72 | Pk | 35.1 | -18.5 | 11.8 | 0 | -39.32 | -27 | -12.32 | 209 | 270 | V |
| 1 | 5.725 | -56.54 | Pk | 35 | -18.4 | 11.8 | 0 | -28.14 | 27 | -55.14 | 209 | 270 | V |

Pk - Peak detector

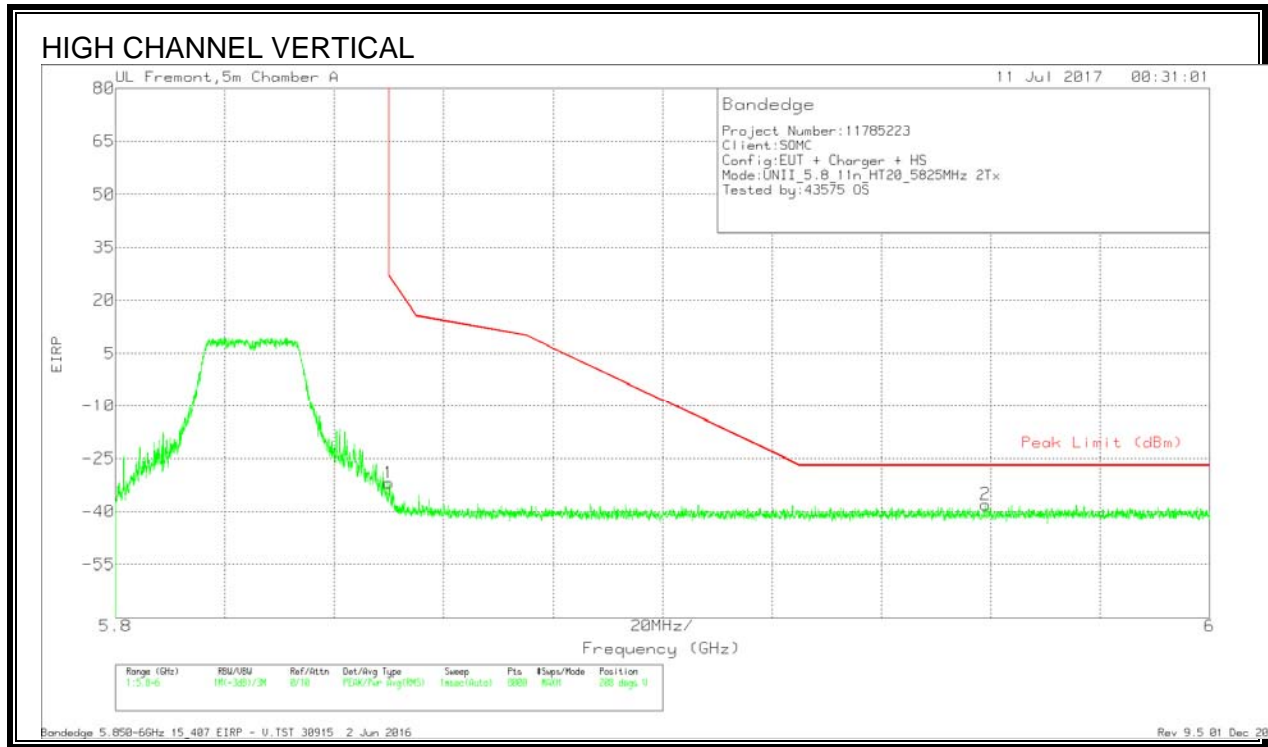
BADEDGE (HIGH CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cb/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -67.43 | Pk | 35.1 | -18.1 | 11.8 | 0 | -38.63 | 26.99 | -65.62 | 46 | 288 | H |
| 2 | 5.986 | -66.64 | Pk | 35.3 | -17.7 | 11.8 | 0 | -37.24 | -27 | -10.24 | 46 | 288 | H |

Pk - Peak detector

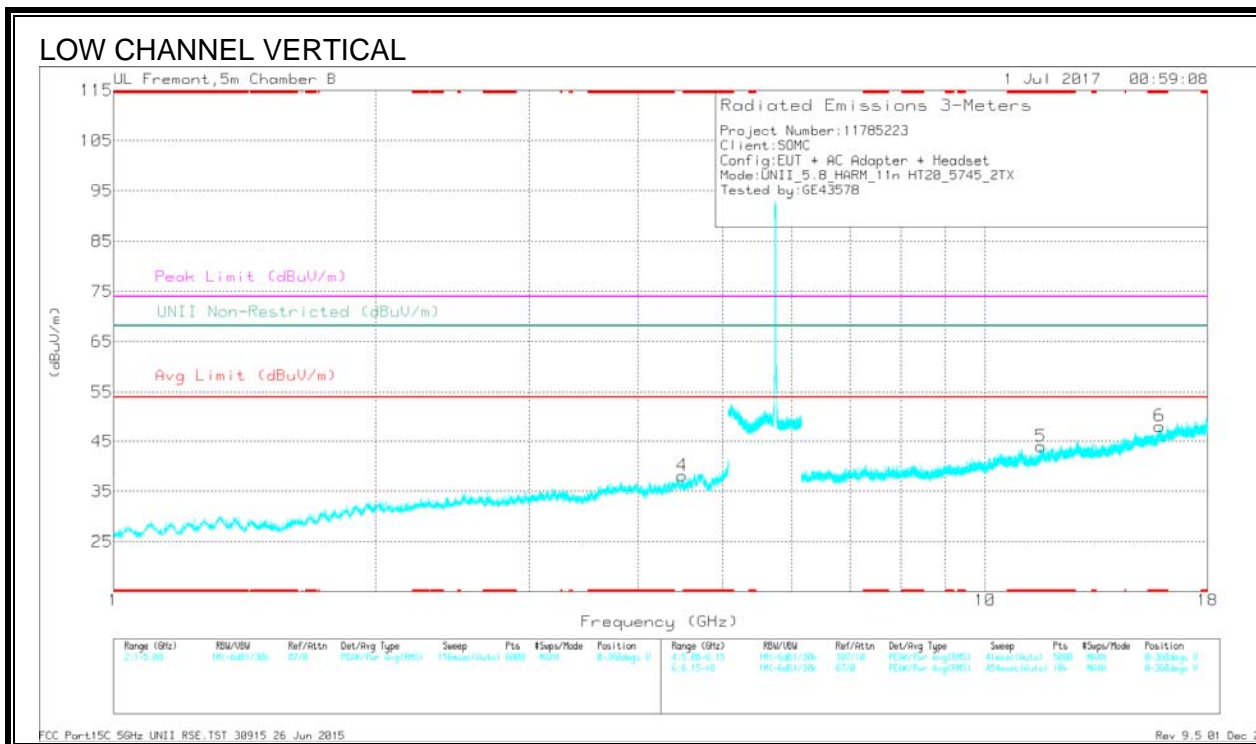
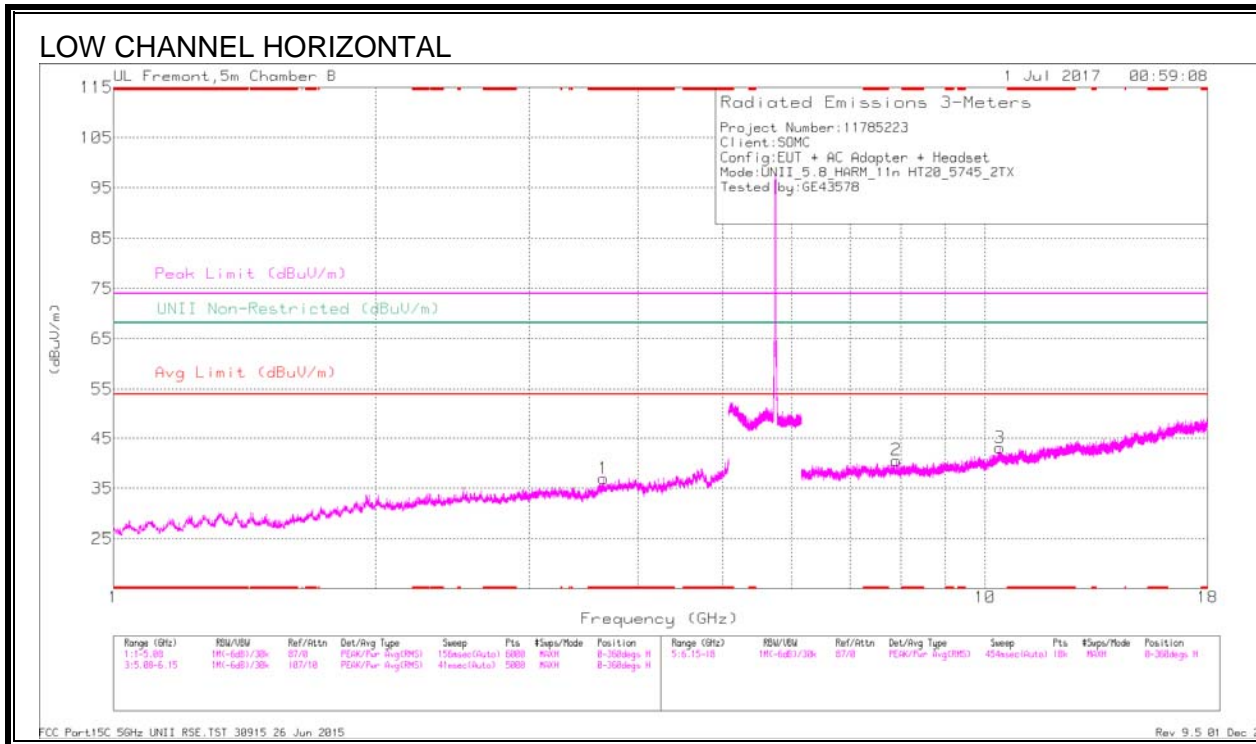


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AFT862 (dB/m) | Amp/CbI/Ftr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -60.75 | Pk | 35.1 | -18.1 | 11.8 | 0 | -31.95 | 26.99 | -58.94 | 208 | 277 | V |
| 2 | 5.959 | -67.28 | Pk | 35.3 | -17.9 | 11.8 | 0 | -38.08 | -27 | -11.08 | 208 | 277 | V |

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



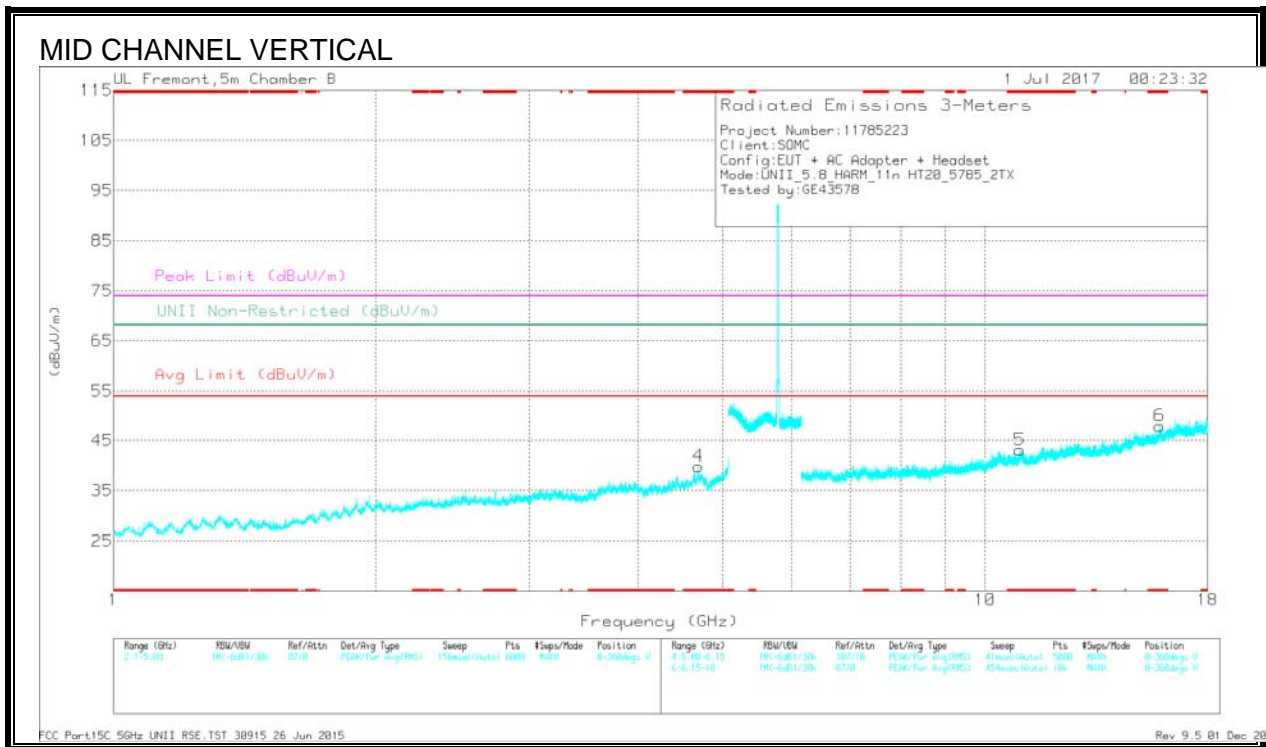
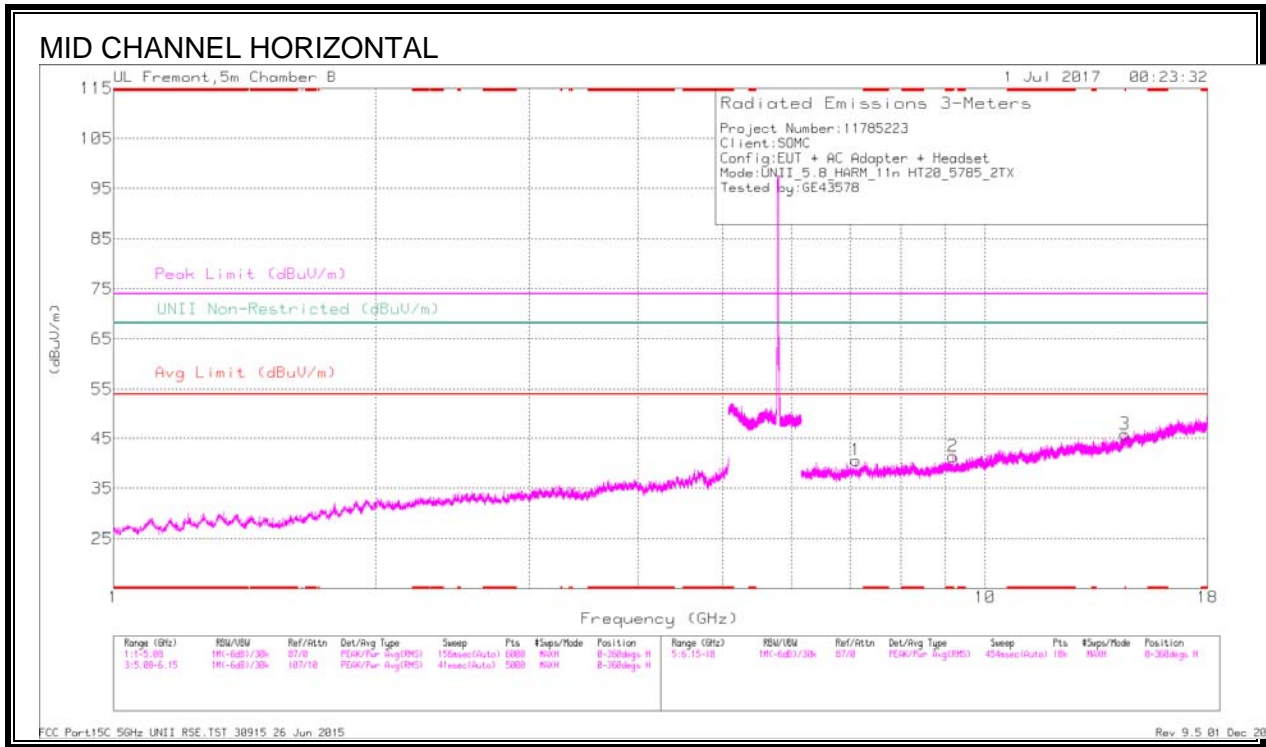
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TMS3 (dB/m) | Amp/Ch/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Aug 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 |
|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 3.648 | 39.94 | PK-U | 33.2 | -31 | 0 | 42.14 | - | - | 74 | -31.86 | - | - | 311 | 101 | H |
| * 3.649 | 28.38 | ADR | 33.2 | -31 | .18 | 30.76 | 54 | -23.24 | - | - | - | - | 311 | 101 | H |
| * 11.579 | 33.72 | PK-U | 38.2 | -22 | 0 | 49.92 | - | - | 74 | -24.08 | - | - | 182 | 198 | V |
| * 11.58 | 21.88 | ADR | 38.2 | -22 | .18 | 38.26 | 54 | -15.74 | - | - | - | - | 182 | 198 | V |
| * 15.859 | 32.01 | PK-U | 41 | -18.6 | 0 | 54.41 | - | - | 74 | -19.59 | - | - | 335 | 198 | V |
| * 15.858 | 19.86 | ADR | 41 | -18.6 | .18 | 42.44 | 54 | -11.56 | - | - | - | - | 335 | 198 | V |
| 4.492 | 39.44 | PK-U | 33.9 | -29.7 | 0 | 43.64 | - | - | - | - | 68.2 | -24.56 | 357 | 198 | V |
| 7.918 | 36.84 | PK-U | 36 | -26.4 | 0 | 46.44 | - | - | - | - | 68.2 | -21.76 | 340 | 198 | H |
| 10.405 | 33.67 | PK-U | 37.5 | -22.5 | 0 | 48.67 | - | - | - | - | 68.2 | -19.53 | 244 | 198 | 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



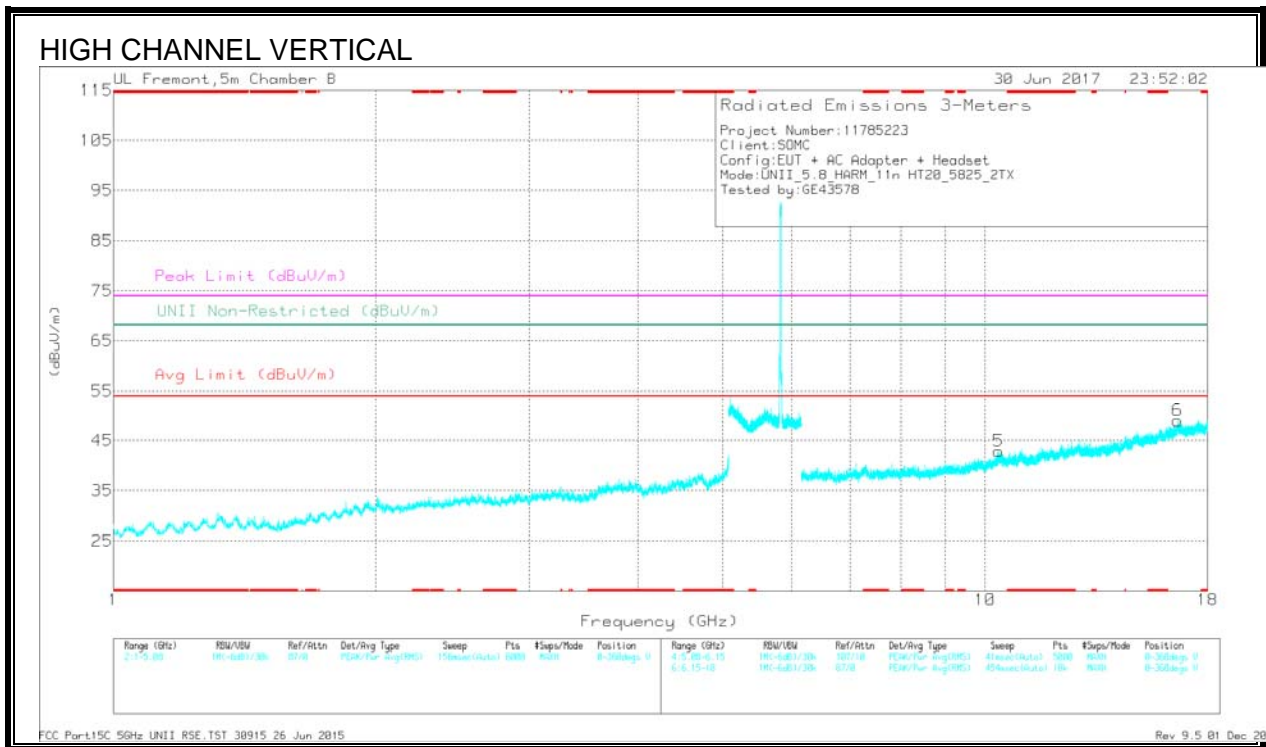
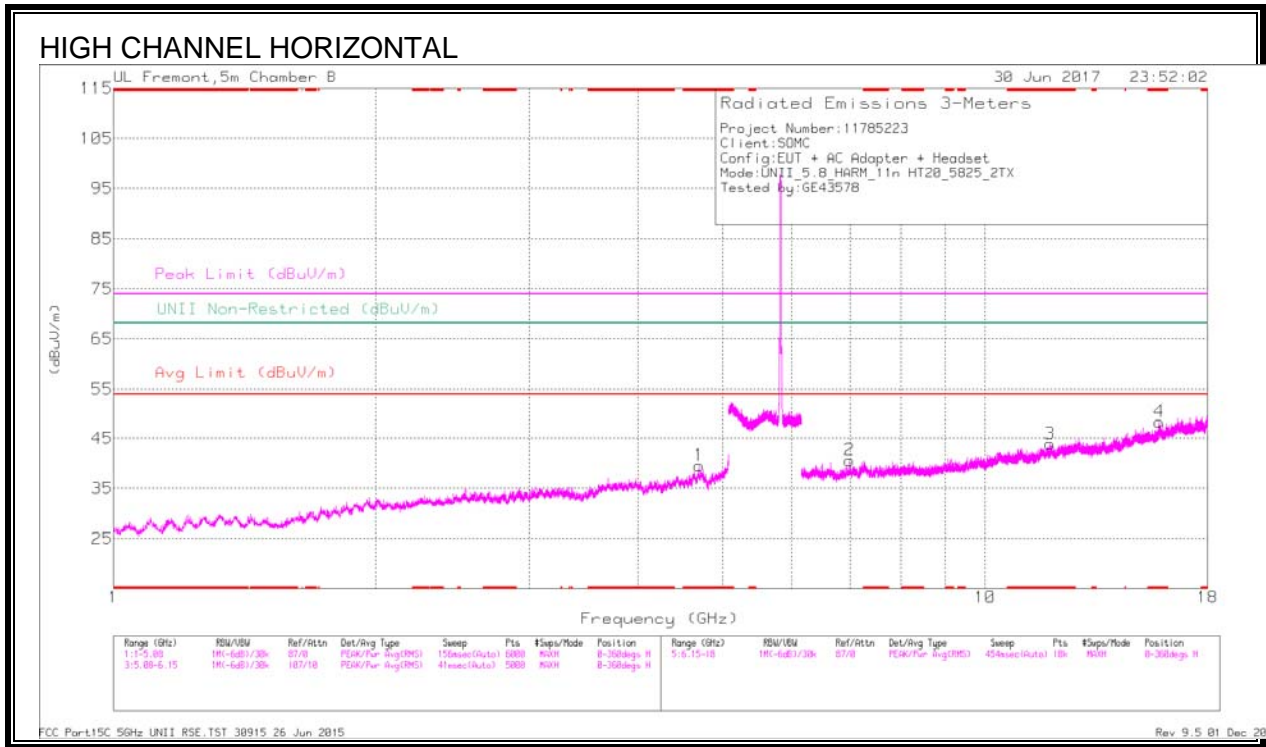
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF TMS3 (dB/m) | Amp/Ch/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Aug 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 |
|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 4.692 | 40.94 | PK-U | 34.2 | -29 | 0 | 46.14 | - | - | 74 | -27.86 | - | - | 57 | 101 | V |
| * 4.693 | 28.11 | ADR | 34.2 | -29 | .18 | 33.49 | 54 | -20.51 | - | - | - | - | 57 | 101 | V |
| * 9.192 | 35.14 | PK-U | 36.4 | -24.4 | 0 | 47.14 | - | - | 74 | -26.86 | - | - | 112 | 101 | H |
| * 9.192 | 23.34 | ADR | 36.4 | -24.4 | .18 | 35.52 | 54 | -18.48 | - | - | - | - | 112 | 101 | H |
| * 14.474 | 31.91 | PK-U | 39.9 | -21.1 | 0 | 50.71 | - | - | 74 | -23.29 | - | - | 244 | 199 | H |
| * 10.958 | 33.76 | PK-U | 37.7 | -22.2 | 0 | 49.26 | - | - | 74 | -24.74 | - | - | 309 | 199 | V |
| * 10.959 | 22.13 | ADR | 37.7 | -22.2 | .18 | 37.81 | 54 | -16.19 | - | - | - | - | 309 | 199 | V |
| * 15.858 | 32.14 | PK-U | 41 | -18.6 | 0 | 54.54 | - | - | 74 | -19.46 | - | - | 282 | 199 | V |
| * 15.858 | 19.9 | ADR | 41 | -18.6 | .18 | 42.48 | 54 | -11.52 | - | - | - | - | 282 | 199 | V |
| 7.111 | 37.25 | PK-U | 35.9 | -27.7 | 0 | 45.45 | - | - | - | - | 68.2 | -22.75 | 188 | 199 | 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



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T83 (dB/m) | Amp/Ch/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Aug Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Deg) | Height (cm) | Polarity |
|-----------------|----------------------|------|---------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|---------------|-------------|----------|
| * 4.694 | 40.1 | PK-U | 34.2 | -29 | 0 | 45.3 | - | - | 74 | -28.7 | - | - | 311 | 101 | H |
| * 4.695 | 28.52 | ADR | 34.2 | -29 | .18 | 33.9 | 54 | -20.1 | - | - | - | - | 311 | 101 | H |
| * 11.869 | 33.36 | PK-U | 38.7 | -22.6 | 0 | 49.46 | - | - | 74 | -24.54 | - | - | 225 | 198 | H |
| * 11.869 | 22.03 | ADR | 38.7 | -22.6 | .18 | 38.31 | 54 | -15.69 | - | - | - | - | 225 | 198 | H |
| * 15.852 | 32.37 | PK-U | 41 | -18.8 | 0 | 54.57 | - | - | 74 | -19.43 | - | - | 171 | 104 | H |
| * 15.852 | 20.62 | ADR | 41 | -18.8 | .18 | 43 | 54 | -11 | - | - | - | - | 171 | 104 | H |
| 6.987 | 36.91 | PK-U | 35.8 | -27.1 | 0 | 45.61 | - | - | - | - | 68.2 | -22.59 | 91 | 104 | H |
| 10.371 | 33.18 | PK-U | 37.5 | -22.6 | 0 | 48.08 | - | - | - | - | 68.2 | -20.12 | 21 | 104 | V |
| 16.634 | 31.18 | PK-U | 42.1 | -18.9 | 0 | 54.38 | - | - | - | - | 68.2 | -13.82 | 133 | 198 | V |

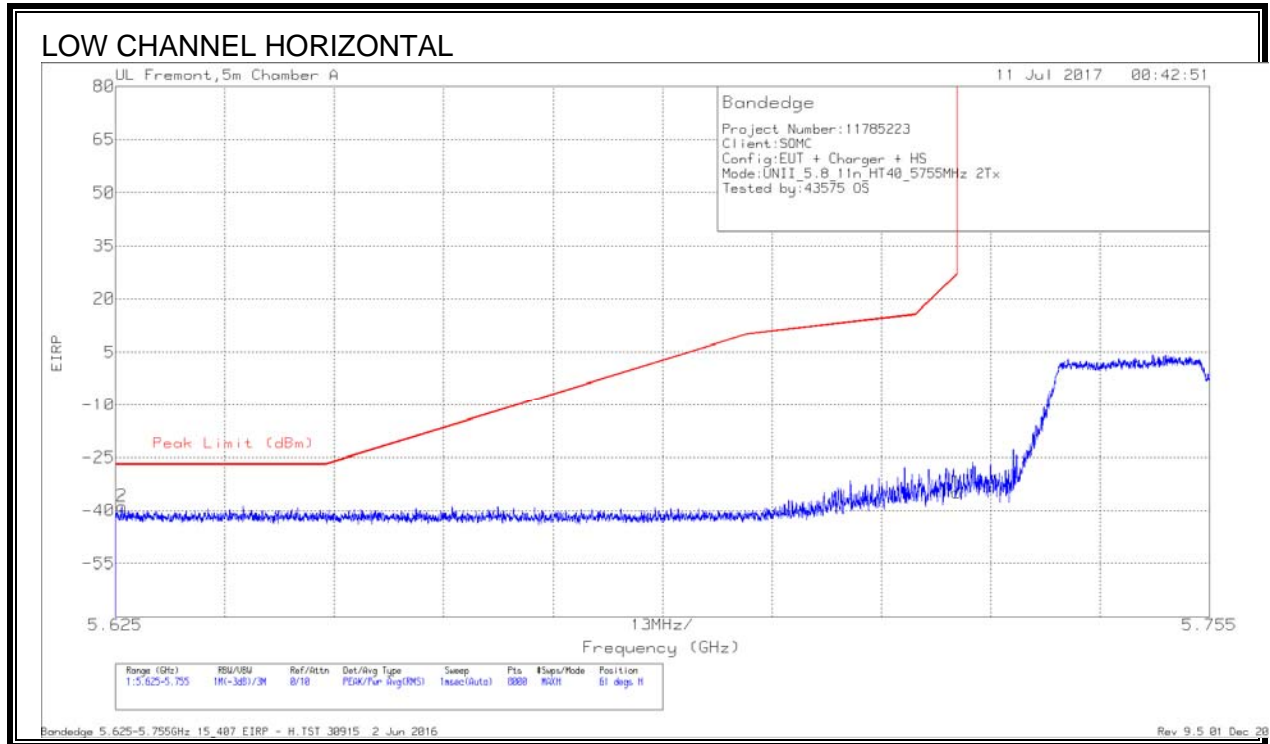
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.15. 11n HT40 2TX CDD MIMO MODE IN THE 5.8GHZ BAND

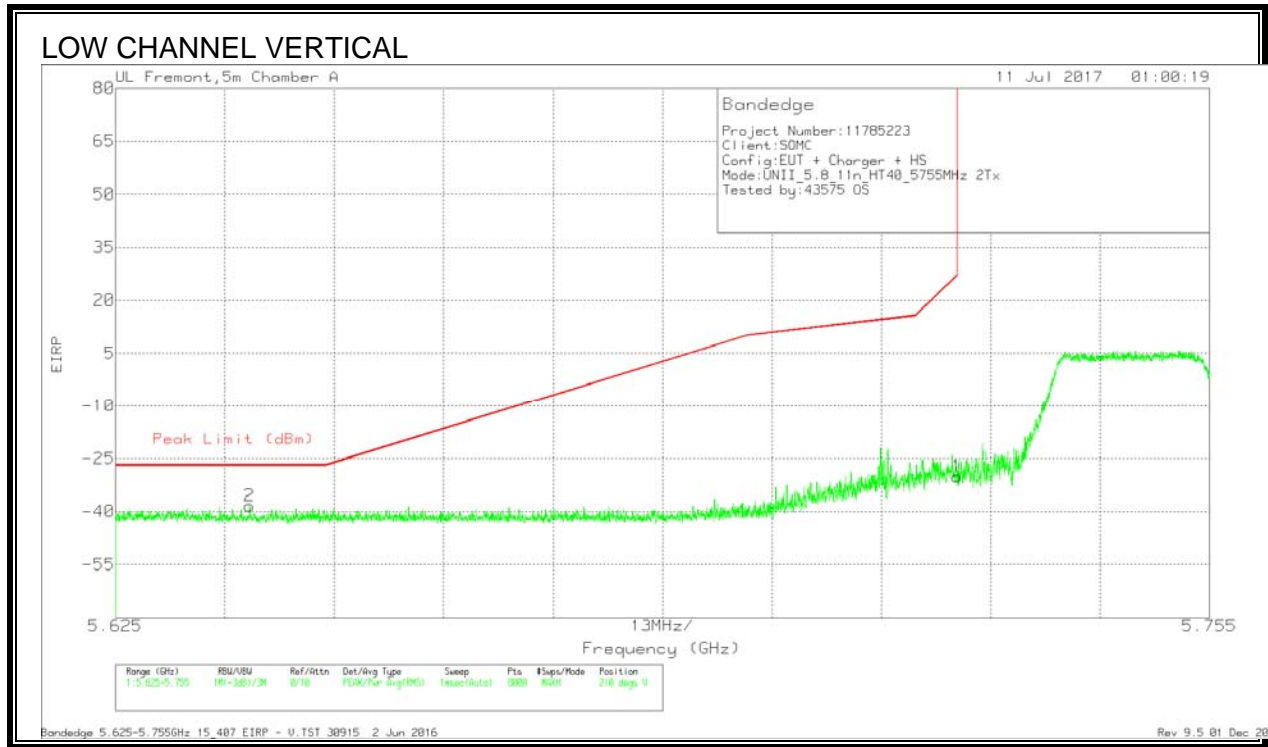
BANDEDGE (LOW CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cb/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.626 | -67.26 | Pk | 35.1 | -18.4 | 11.8 | 0 | -38.76 | -27 | -11.76 | 61 | 238 | H |
| 1 | 5.725 | -63.23 | Pk | 35 | -18.4 | 11.8 | 0 | -34.83 | 27 | -61.83 | 61 | 238 | H |

Pk - Peak detector

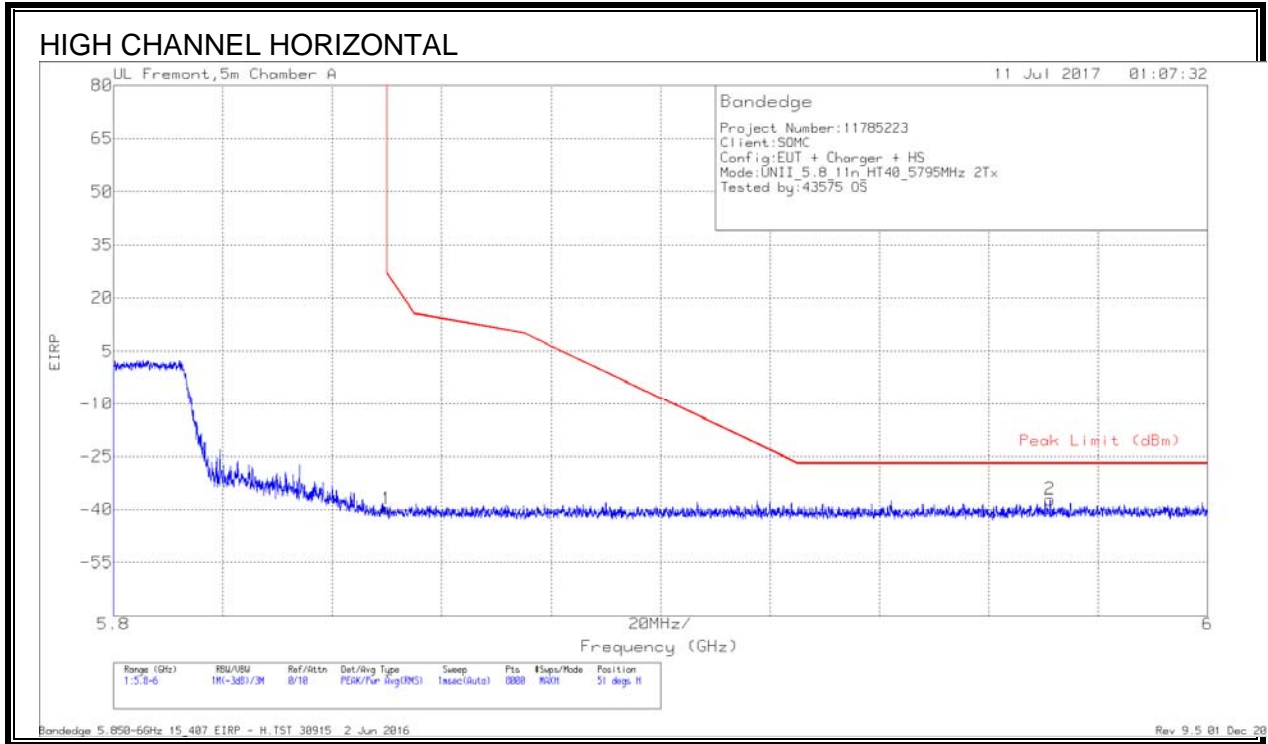


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AFT862 (dB/m) | Amp/CbI/Ftr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.641 | -66.8 | Pk | 35.1 | -18.5 | 11.8 | 0 | -38.4 | -27 | -11.4 | 210 | 318 | V |
| 1 | 5.725 | -58.51 | Pk | 35 | -18.4 | 11.8 | 0 | -30.11 | 27 | -57.11 | 210 | 318 | V |

Pk - Peak detector

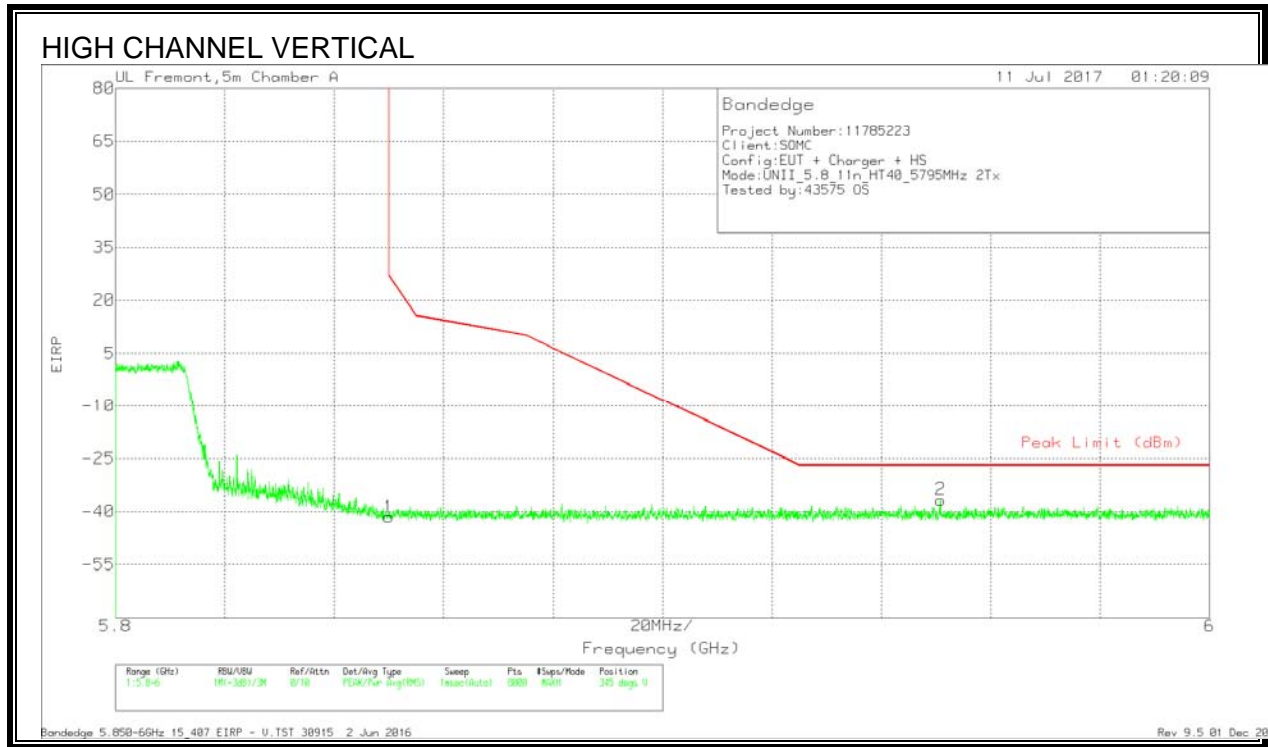
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cbi/Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -68.71 | Pk | 35.1 | -18.1 | 11.8 | 0 | -39.91 | 26.99 | -66.9 | 51 | 145 | H |
| 2 | 5.971 | -66.6 | Pk | 35.3 | -17.7 | 11.8 | 0 | -37.2 | -27 | -10.2 | 51 | 145 | H |

Pk - Peak detector

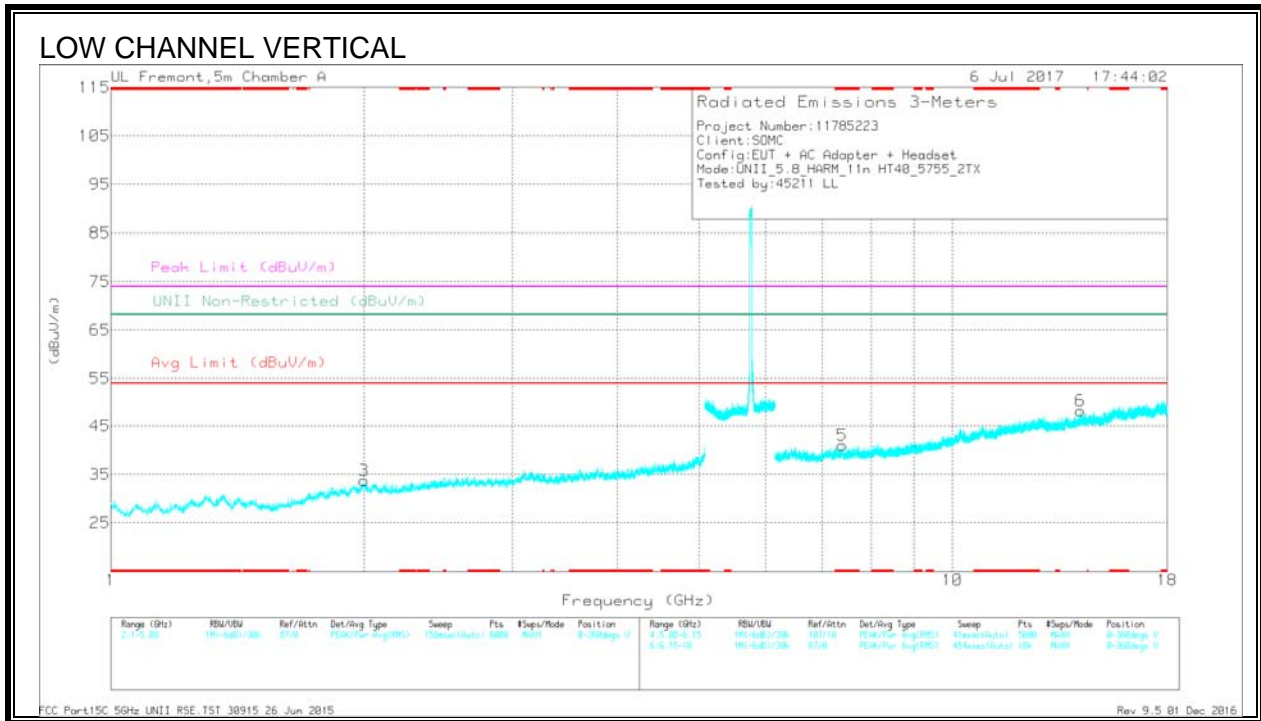
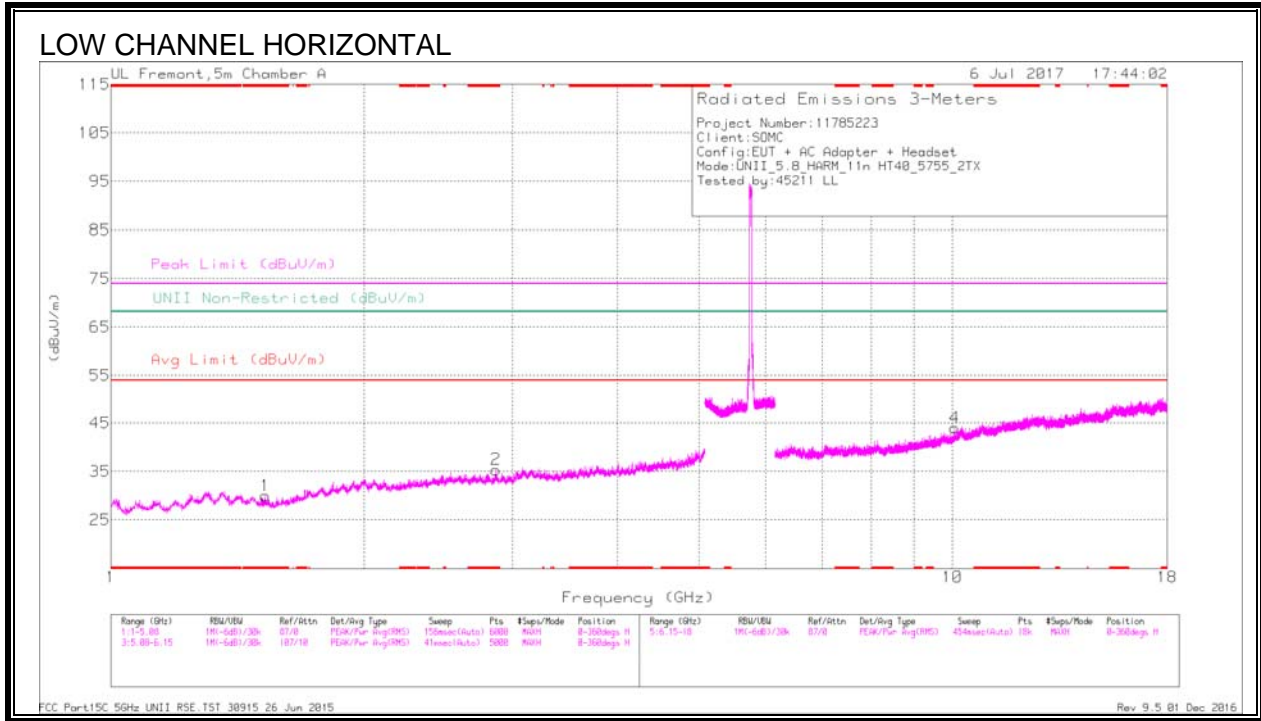


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AFT862 (dB/m) | Amp/Cb1/Ftr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -70.3 | Pk | 35.1 | -18.1 | 11.8 | 0 | -41.5 | 26.99 | -68.49 | 345 | 231 | V |
| 2 | 5.951 | -65.86 | Pk | 35.3 | -17.9 | 11.8 | 0 | -36.66 | -27 | -9.66 | 345 | 231 | V |

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



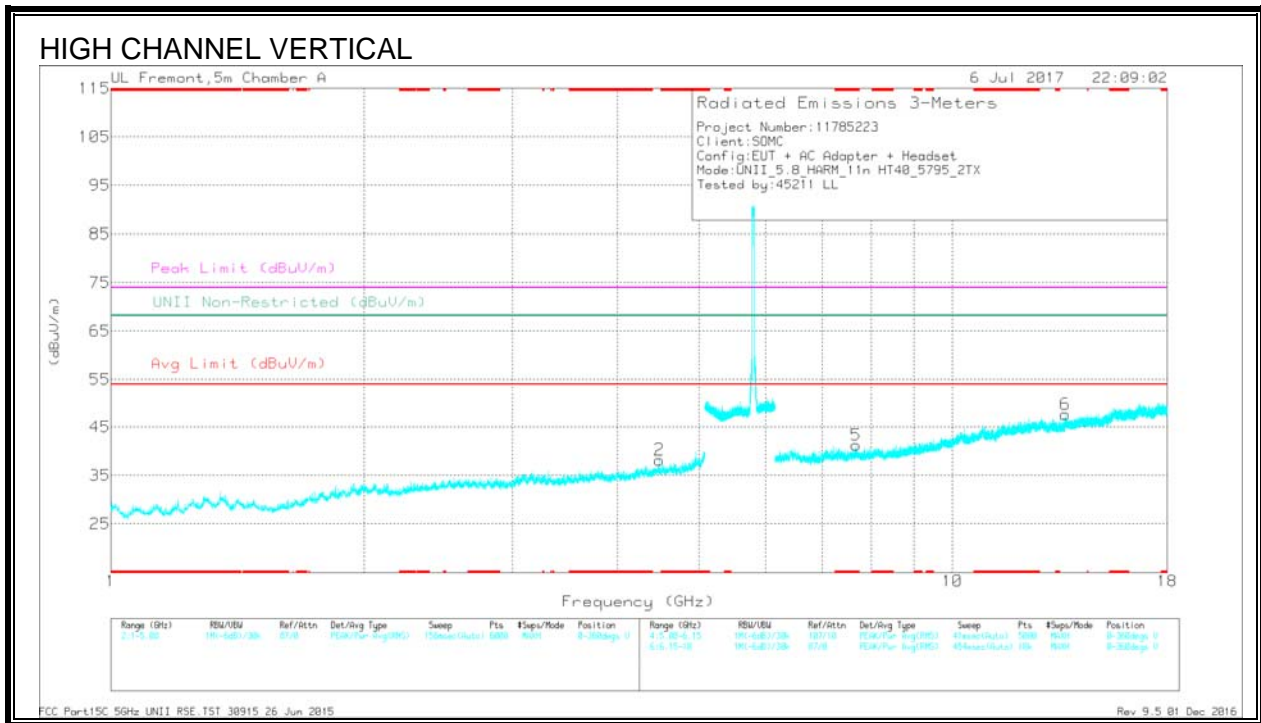
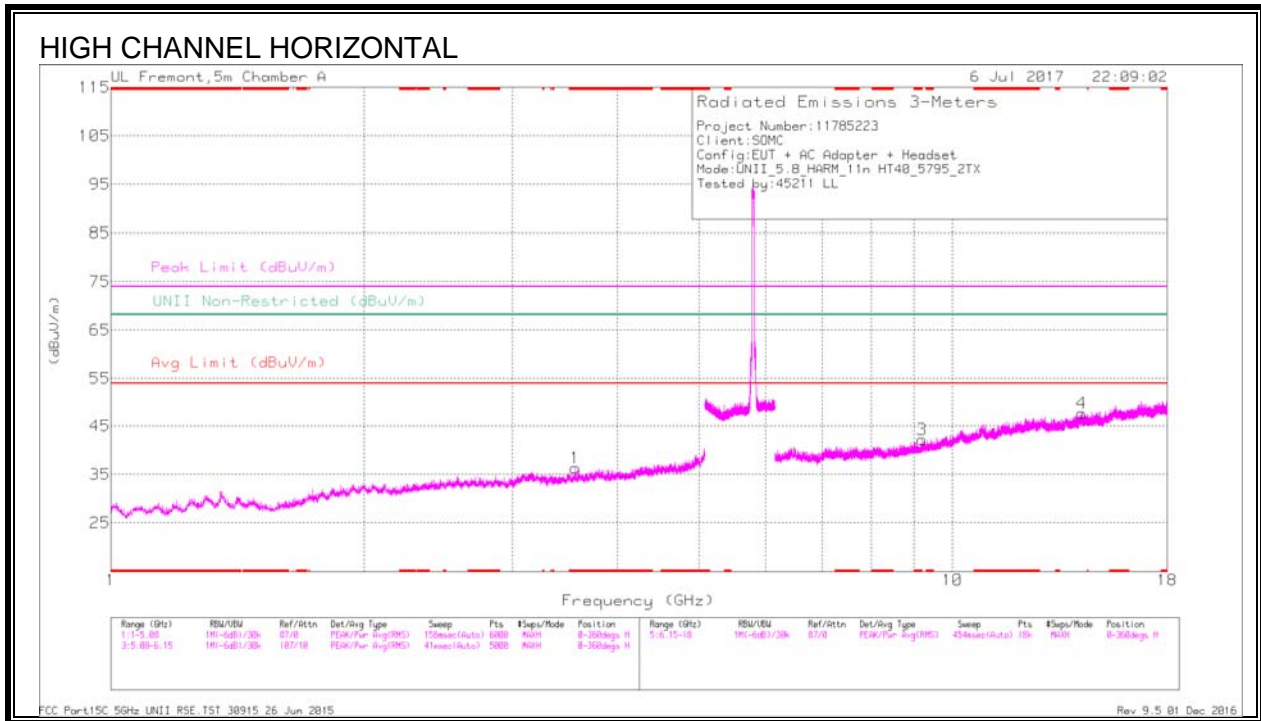
Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1982 (dB/m) | Amp/CM/FHz/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 |
|-----------------|----------------------|------|----------------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| * 1.525 | 40.51 | PK-U | 28.1 | -33.2 | 0 | 35.41 | - | - | 74 | -38.59 | - | - | 308 | 222 | H |
| * 1.526 | 29 | ADR | 28.1 | -33.2 | -39 | 24.29 | 54 | -29.71 | - | - | - | - | 308 | 222 | H |
| * 2.867 | 38.98 | PK-U | 32.2 | -30.5 | 0 | 40.68 | - | - | 74 | -33.32 | - | - | 7 | 148 | H |
| * 2.867 | 27.08 | ADR | 32.2 | -30.5 | -39 | 29.17 | 54 | -24.83 | - | - | - | - | 7 | 148 | H |
| * 7.394 | 33.91 | PK-U | 35.6 | -22.7 | 0 | 46.81 | - | - | 74 | -27.19 | - | - | 8 | 392 | V |
| * 7.393 | 21.77 | ADR | 35.6 | -22.7 | -39 | 35.06 | 54 | -18.94 | - | - | - | - | 8 | 392 | V |
| 2 | 40.13 | PK-U | 31.4 | -31.8 | 0 | 39.73 | - | - | - | - | 68.2 | -28.47 | 166 | 153 | V |
| 10.061 | 33.57 | PK-U | 37.4 | -20.7 | 0 | 50.27 | - | - | - | - | 68.2 | -17.93 | 159 | 137 | H |
| 14.204 | 33.06 | PK-U | 39.6 | -19.4 | 0 | 53.26 | - | - | - | - | 68.2 | -14.94 | 232 | 141 | V |

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF 1982 (dB/m) | Amp/CM/FHz/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) | Altitude (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|---------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|-----------------|-------------|----------|
| * 3.565 | 38.53 | PK-U | 33 | -29.8 | 0 | 41.73 | - | - | 74 | -32.27 | - | - | 62 | 237 | H |
| * 3.564 | 26.61 | ADR | 33 | -29.8 | -39 | 30.2 | 54 | -23.8 | - | - | - | - | 62 | 237 | H |
| * 9.024 | 33.42 | PK-U | 36.3 | -22.4 | 0 | 47.32 | - | - | 74 | -26.68 | - | - | 0 | 346 | H |
| 8.926 | 21.85 | ADR | 36.2 | -22.6 | -39 | 35.84 | - | - | - | - | - | - | 0 | 346 | H |
| * 7.679 | 34.04 | PK-U | 35.7 | -22.7 | 0 | 47.04 | - | - | 74 | -26.96 | - | - | 44 | 223 | V |
| * 7.678 | 21.96 | ADR | 35.7 | -22.7 | -39 | 35.35 | 54 | -18.65 | - | - | - | - | 44 | 223 | V |
| 4.483 | 38.34 | PK-U | 33.8 | -27.7 | 0 | 44.44 | - | - | - | - | 68.2 | -23.76 | 112 | 217 | V |
| 13.621 | 33.57 | PK-U | 39.2 | -19.6 | 0 | 53.17 | - | - | - | - | 68.2 | -15.03 | 5 | 241 | V |
| 14.235 | 32.59 | PK-U | 39.6 | -19.2 | 0 | 52.99 | - | - | - | - | 68.2 | -15.21 | 249 | 133 | H |

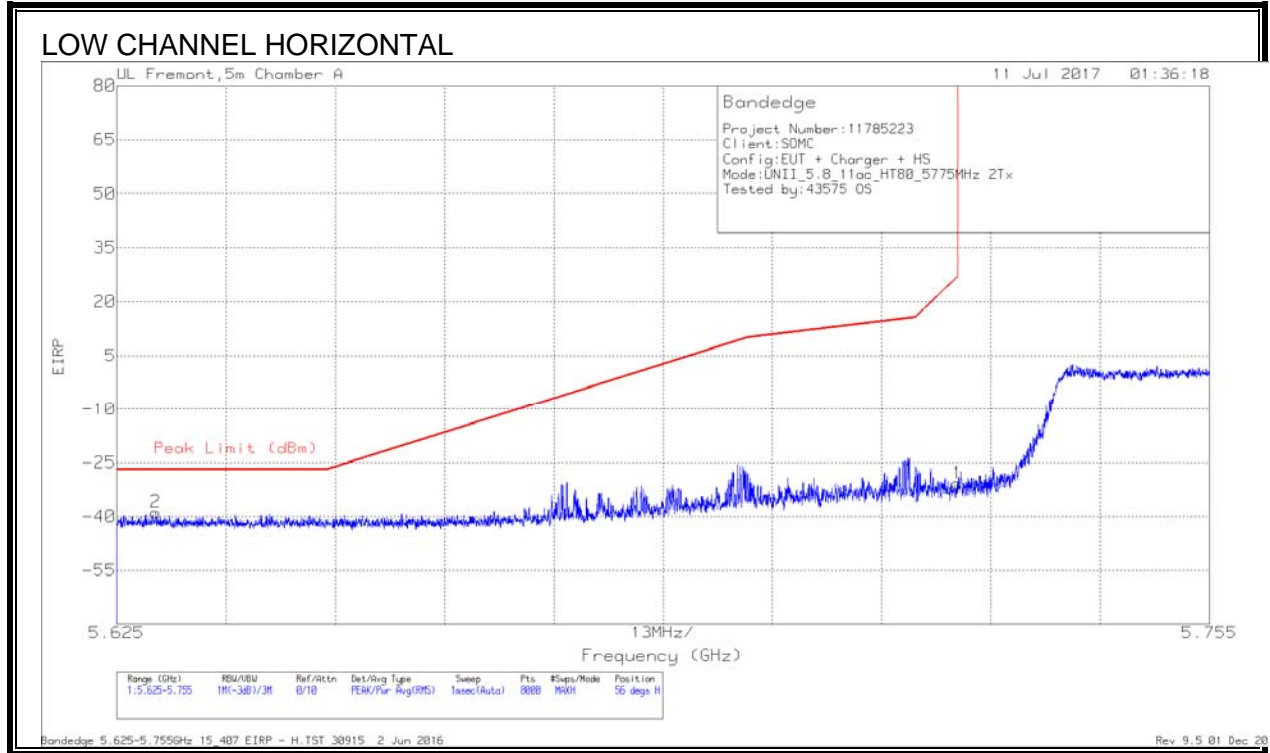
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.16. 11ac HT80 2TX CDD MIMO MODE IN THE 5.8GHz BAND

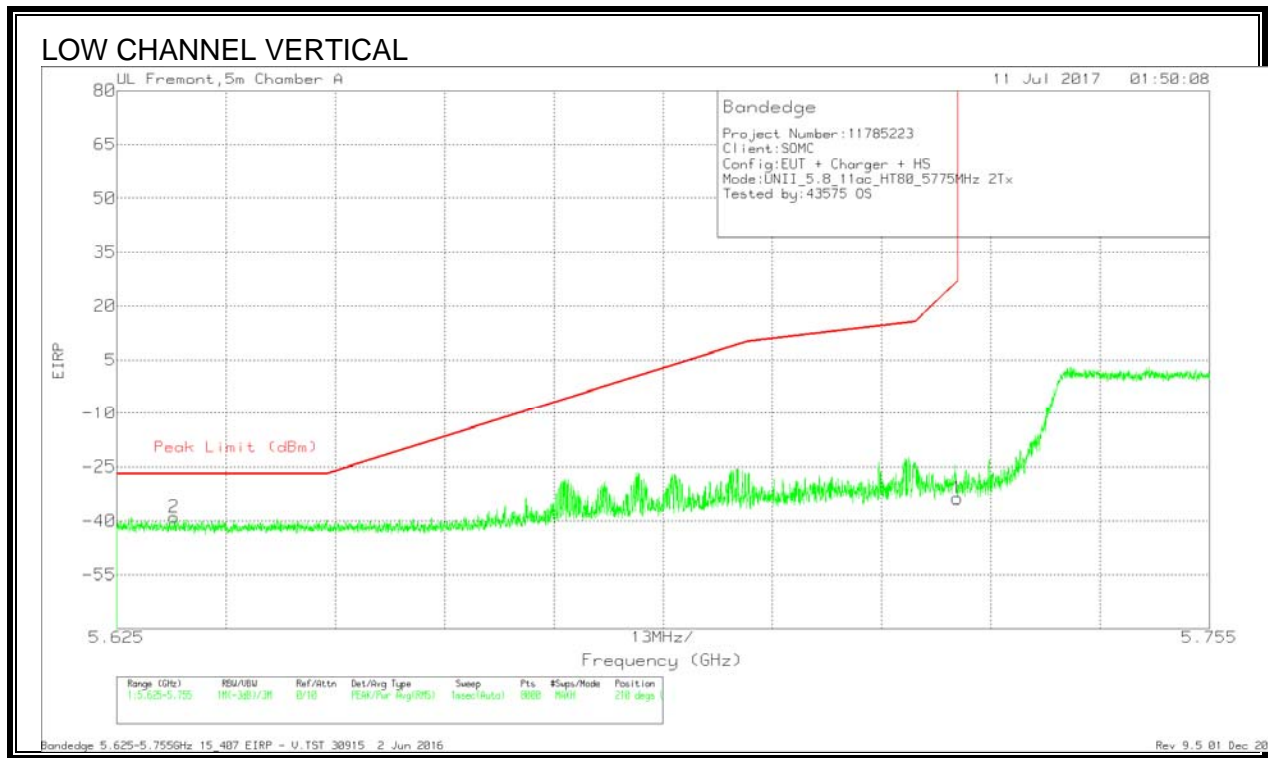
BANDEDGE (LOW CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|-----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.63 | -67.26 | Pk | 35.1 | -18.5 | 11.8 | 0 | -38.86 | -27 | -11.86 | 56 | 284 | H |
| 1 | 5.725 | -59.17 | Pk | 35 | -18.4 | 11.8 | 0 | -30.77 | 27 | -57.77 | 56 | 284 | H |

Pk - Peak detector

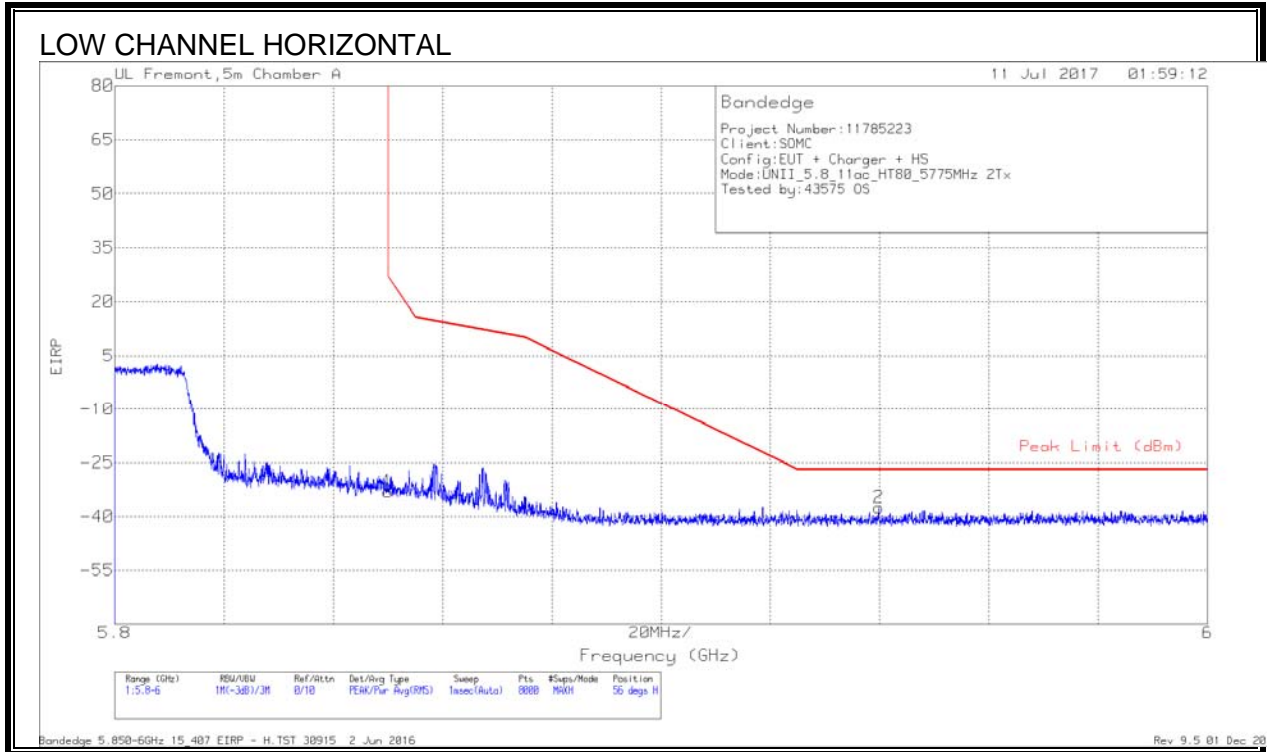


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.632 | -67.34 | Pk | 35.1 | -18.5 | 11.8 | 0 | -38.94 | -27 | -11.94 | 210 | 301 | V |
| 1 | 5.725 | -62.17 | Pk | 35 | -18.4 | 11.8 | 0 | -33.77 | 27 | -60.77 | 210 | 301 | V |

Pk - Peak detector

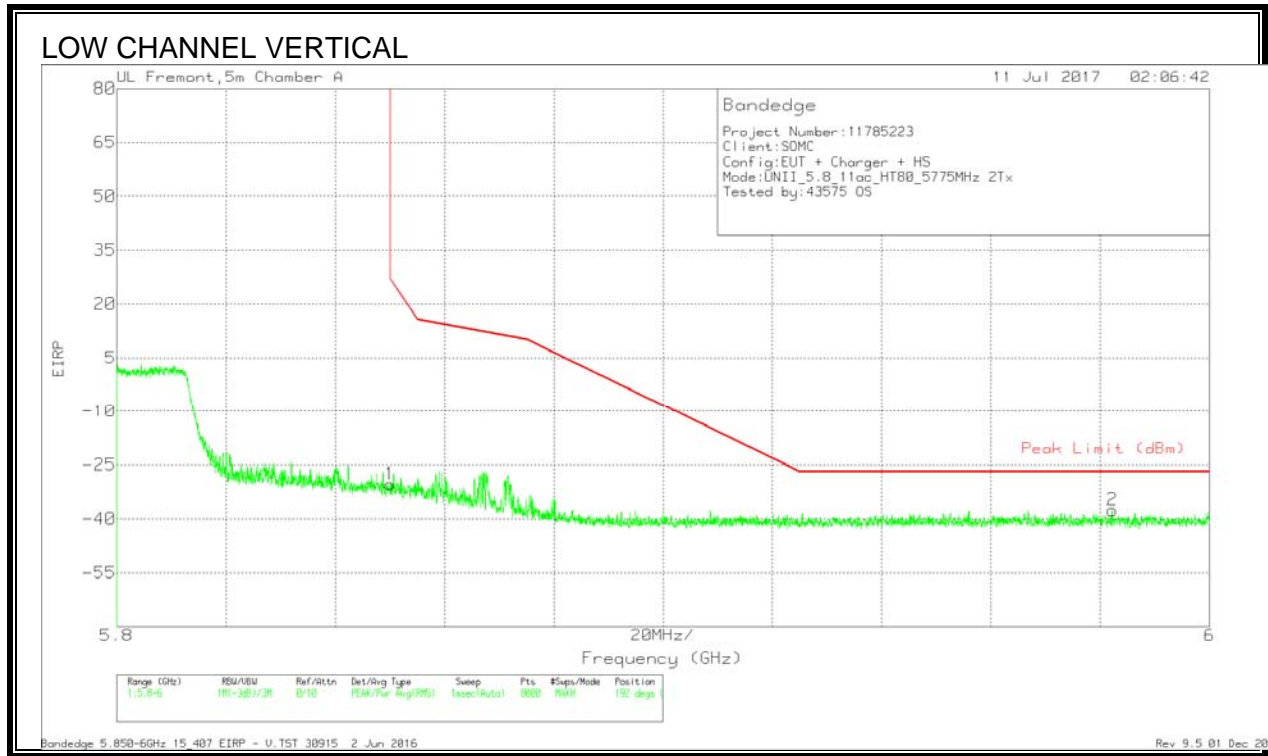
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AFT862 (dB/m) | Amp/Cb/Fltr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -61.91 | Pk | 35.1 | -18.1 | 11.8 | 0 | -33.11 | 26.99 | -60.1 | 56 | 271 | H |
| 2 | 5.94 | -66.71 | Pk | 35.3 | -17.9 | 11.8 | 0 | -37.51 | -27 | -10.51 | 56 | 271 | H |

Pk - Peak detector

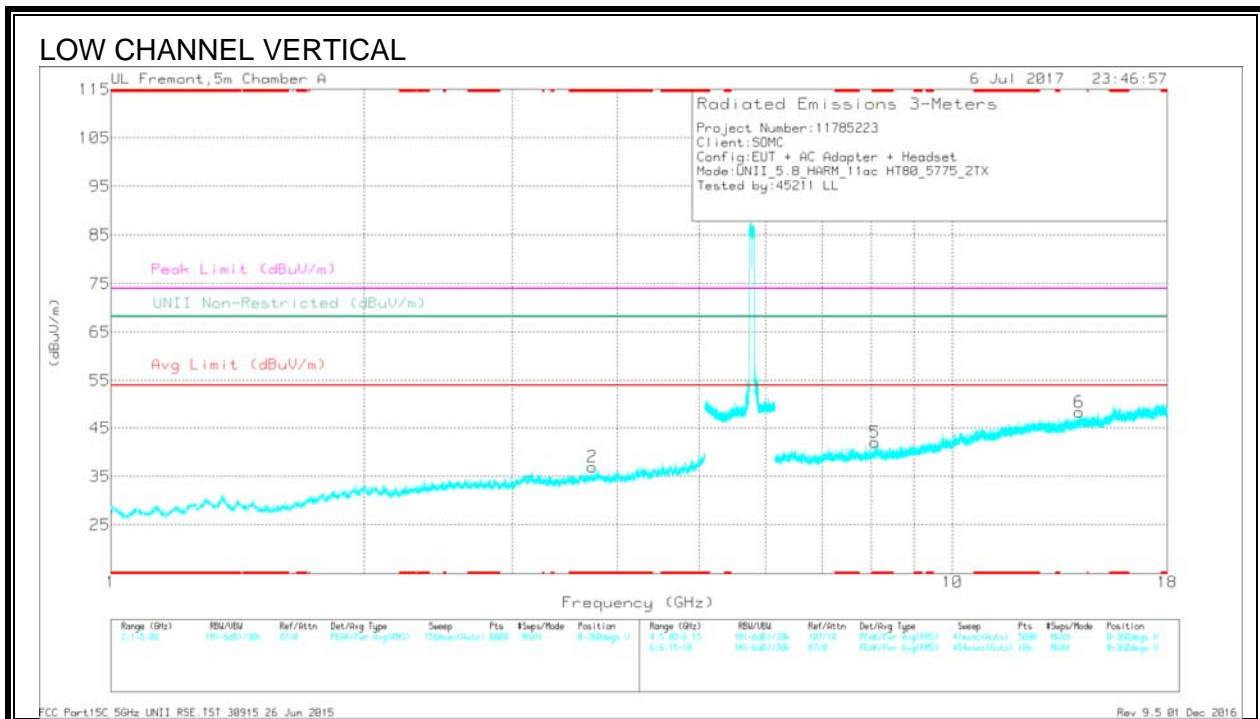
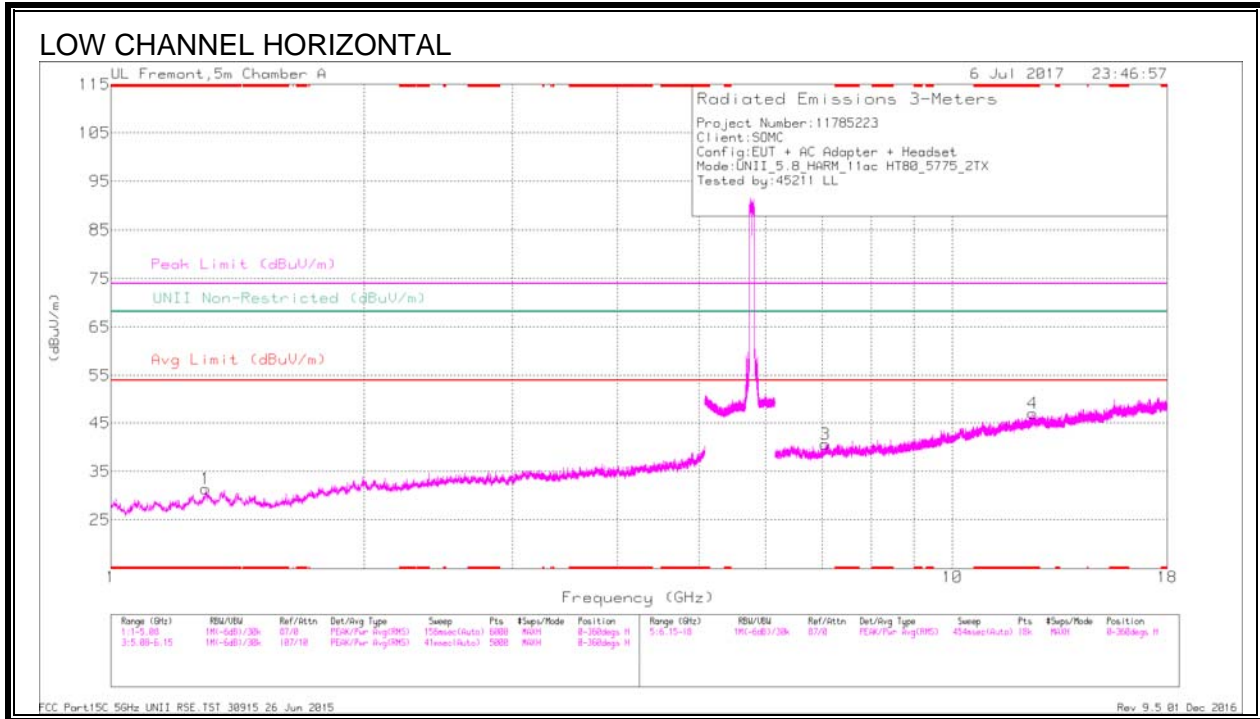


Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AF T862 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|----------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85 | -59.18 | Pk | 35.1 | -18.1 | 11.8 | 0 | -30.38 | 26.99 | -57.37 | 192 | 344 | V |
| 2 | 5.982 | -66.98 | Pk | 35.3 | -17.7 | 11.8 | 0 | -37.58 | -27 | -10.58 | 192 | 344 | V |

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

| Frequency (GHz) | Meter Reading (dBuV) | Det | AF T862 (dB/m) | Amp/CM/Pltr/Psd (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) | Altitude (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|-----------------|-------------|----------|
| * 1.294 | 41.07 | PK-U | 29.4 | -33.2 | 0 | 37.27 | - | - | 74 | -36.73 | - | - | 289 | 102 | H |
| * 1.296 | 29.61 | ADR | 29.4 | -33.2 | .72 | 26.53 | 54 | -27.47 | - | - | - | - | 289 | 102 | H |
| * 3.731 | 37.96 | PK-U | 33.1 | -29.6 | 0 | 41.46 | - | - | 74 | -32.54 | - | - | 291 | 200 | V |
| * 3.732 | 27.16 | ADR | 33.1 | -29.6 | .72 | 31.38 | 54 | -22.62 | - | - | - | - | 291 | 200 | V |
| * 12.457 | 32.34 | PK-U | 39 | -18.5 | 0 | 52.84 | - | - | 74 | -21.16 | - | - | 222 | 207 | H |
| * 12.459 | 20.93 | ADR | 39 | -18.4 | .72 | 42.25 | 54 | -11.75 | - | - | - | - | 222 | 207 | H |
| * 8.084 | 33.4 | PK-U | 35.8 | -22.8 | 0 | 46.4 | - | - | 74 | -27.6 | - | - | 178 | 188 | V |
| * 8.086 | 22.6 | ADR | 35.8 | -22.8 | .72 | 36.32 | 54 | -17.68 | - | - | - | - | 178 | 188 | V |
| 7.06 | 33.97 | PK-U | 35.6 | -23.2 | 0 | 46.37 | - | - | - | - | 68.2 | -21.83 | 212 | 144 | H |
| 14.154 | 33.19 | PK-U | 39.5 | -19.5 | 0 | 53.19 | - | - | - | - | 68.2 | -15.01 | 267 | 102 | V |

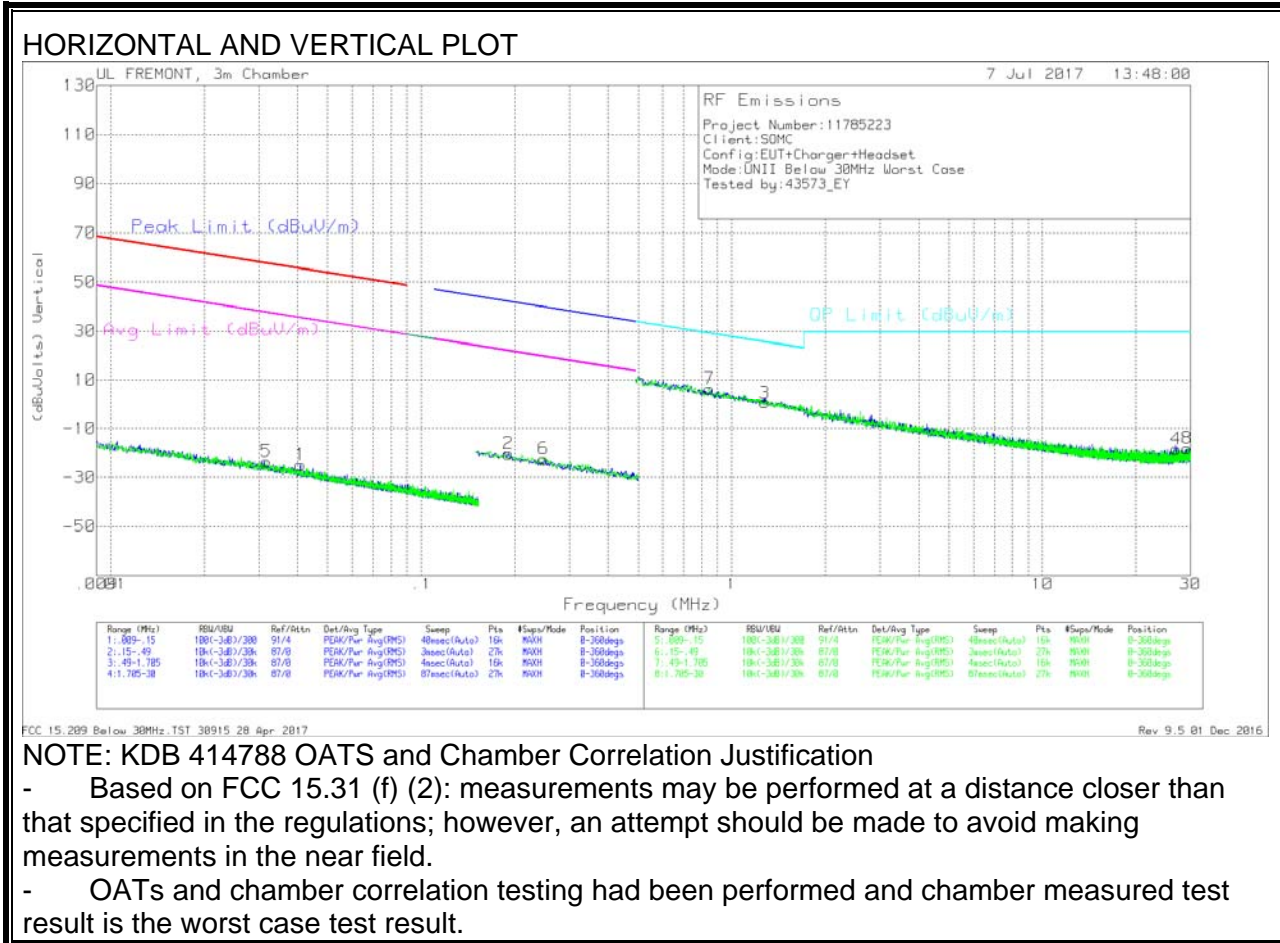
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.2. WORST CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna (dB/m) | Cbl (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) |
|--------|-----------------|----------------------|-----|---------------------|----------|----------------|------------------------------|---------------------|-------------|--------------------|-------------|---------------------|-------------|--------------------|-------------|----------------|
| 5 | .03167 | 40.96 | Pk | 14.2 | 1.4 | -80 | -23.44 | 57.57 | -81.01 | 37.57 | -61.01 | - | - | - | - | 0-360 |
| 1 | .04083 | 40.49 | Pk | 13.3 | 1.4 | -80 | -24.81 | 55.36 | -80.17 | 35.36 | -60.17 | - | - | - | - | 0-360 |
| 2 | .191 | 46.49 | Pk | 11.6 | 1.5 | -80 | -20.41 | - | - | - | - | 42 | -62.41 | 22 | -42.41 | 0-360 |
| 6 | 24804 | 44.62 | Pk | 11.5 | 1.5 | -80 | -22.38 | - | - | - | - | 39.72 | -62.1 | 19.72 | -42.1 | 0-360 |

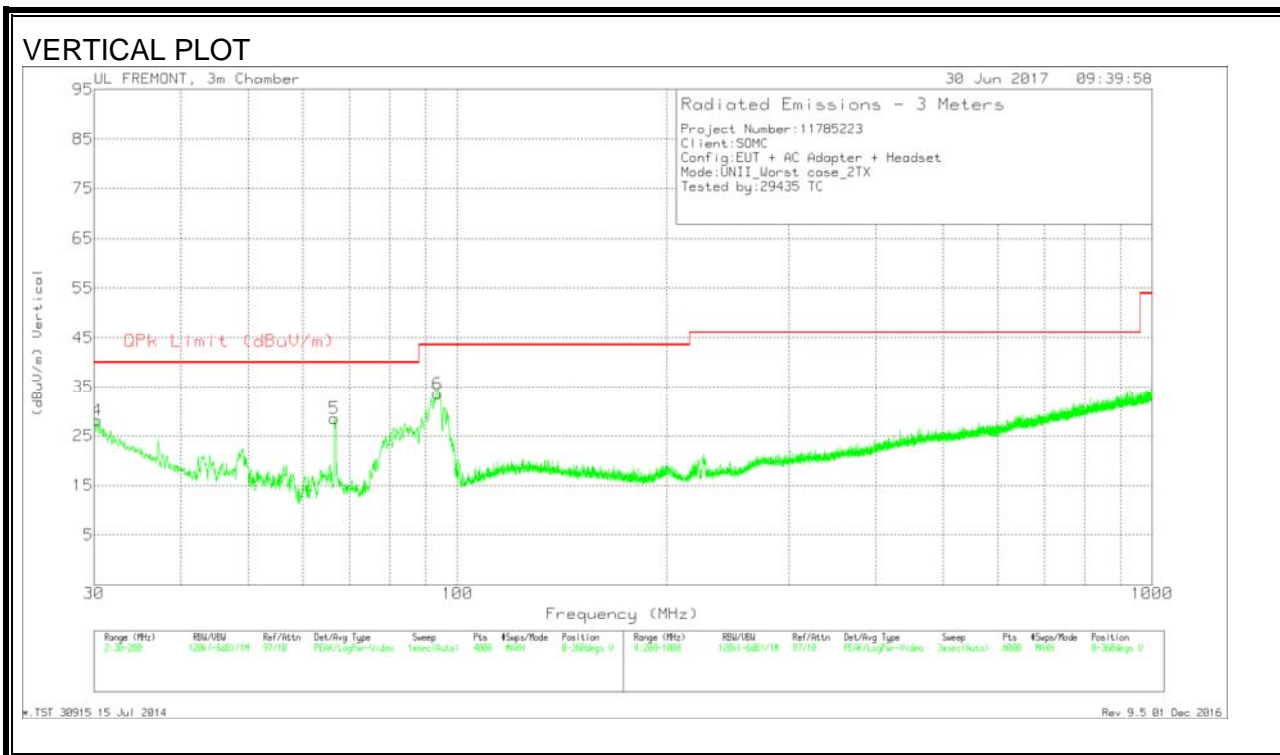
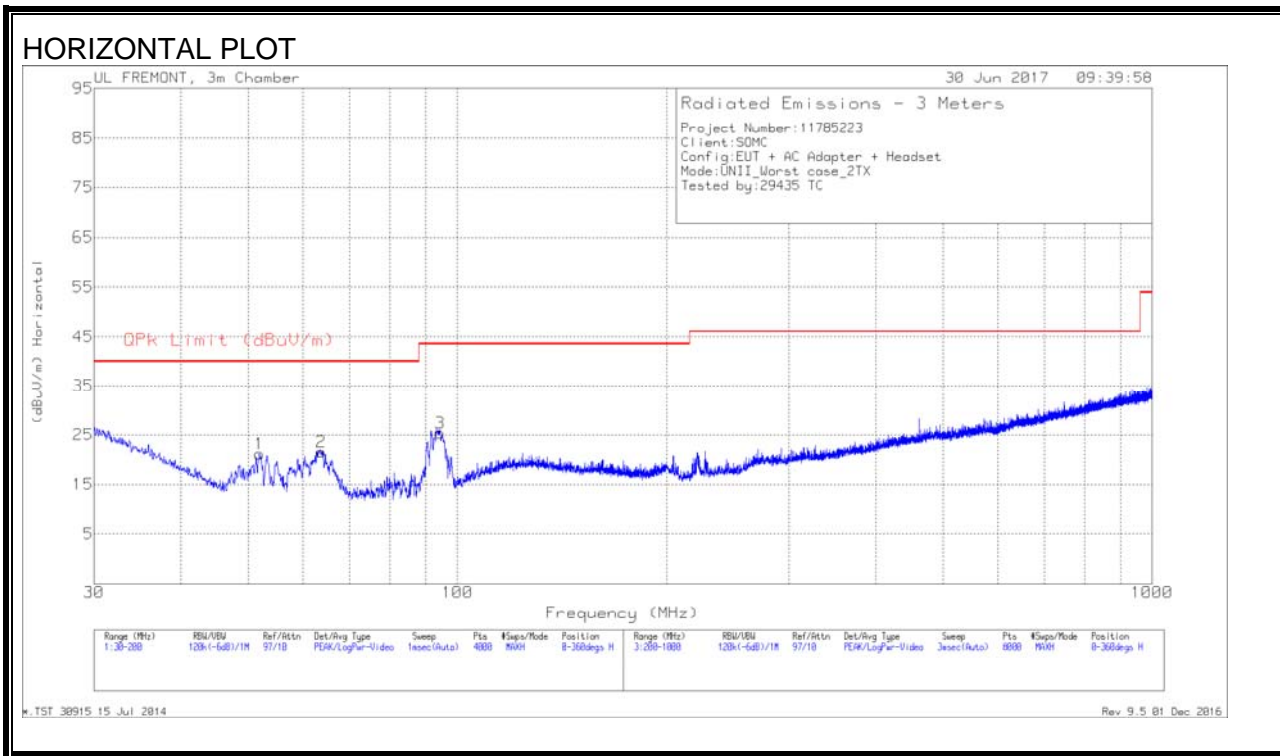
Pk - Peak detector

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna (dB/m) | Cbl (dB) | Dist Corr 30m | Corrected Reading (dBuVolts) | QP Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|----------|---------------|------------------------------|-------------------|-------------|----------------|
| 7 | .84659 | 33.56 | Pk | 11.5 | 1.5 | -40 | 6.56 | 29.06 | -22.5 | 0-360 |
| 3 | 1.27527 | 27.55 | Pk | 11.5 | 1.5 | -40 | .55 | 25.52 | -24.97 | 0-360 |
| 4 | 26.95656 | 11.26 | Pk | 8.5 | 1.7 | -40 | -18.54 | 29.5 | -48.04 | 0-360 |
| 8 | 29.20871 | 11.89 | Pk | 8.1 | 1.7 | -40 | -18.31 | 29.5 | -47.81 | 0-360 |

Pk - Peak detector

11.3. WORST-CASE BELOW 1 GHz

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



DATA

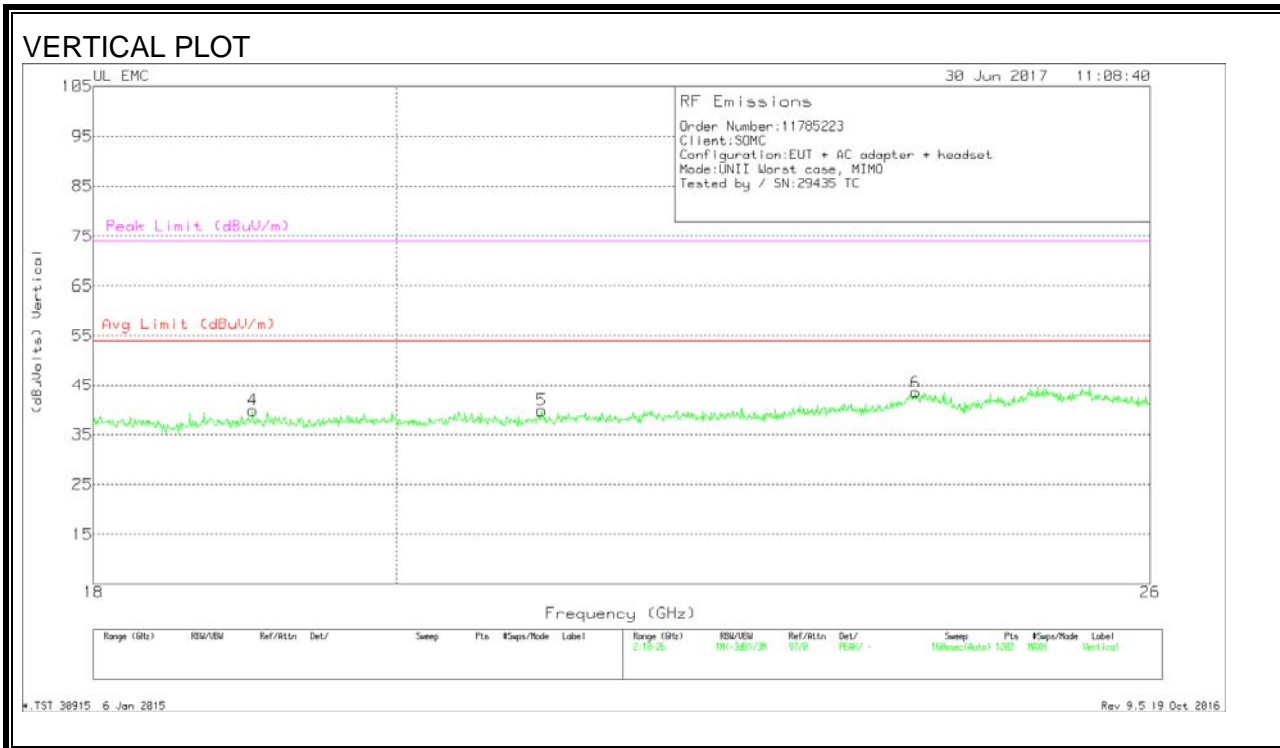
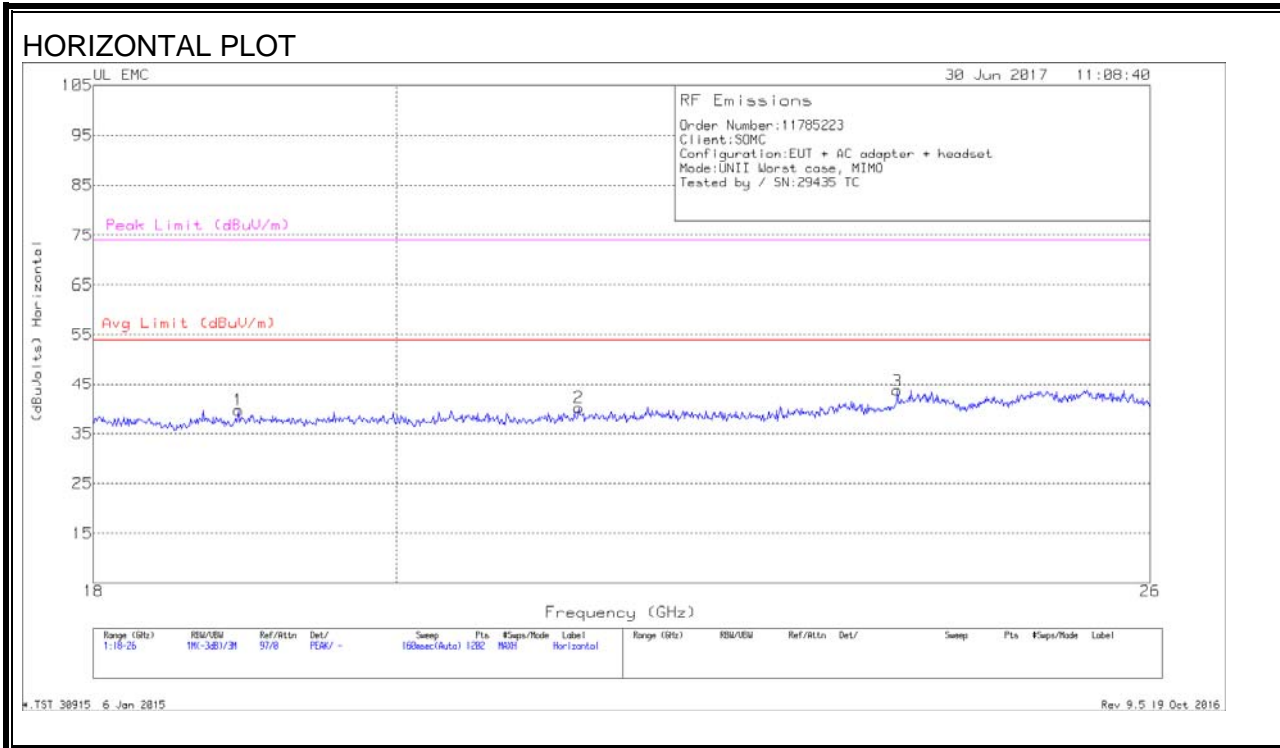
Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF T408 (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 4 | 30.2976 | 30.32 | Pk | 25.1 | -27.3 | 28.12 | 40 | -11.88 | 0-360 | 100 | V |
| 1 | 51.8932 | 36.71 | Pk | 11.3 | -26.9 | 21.11 | 40 | -18.89 | 0-360 | 400 | H |
| 2 | 63.6687 | 36.45 | Pk | 11.8 | -26.7 | 21.55 | 40 | -18.45 | 0-360 | 300 | H |
| 5 | 66.602 | 43.28 | Pk | 12 | -26.7 | 28.58 | 40 | -11.42 | 0-360 | 100 | V |
| 6 | 93.6815 | 47.65 | Pk | 12.4 | -26.4 | 33.65 | 43.52 | -9.87 | 0-360 | 100 | V |
| 3 | 94.4467 | 39.16 | Pk | 12.6 | -26.4 | 25.36 | 43.52 | -18.16 | 0-360 | 300 | H |

Pk - Peak detector

11.4. WORST-CASE 18 to 26 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



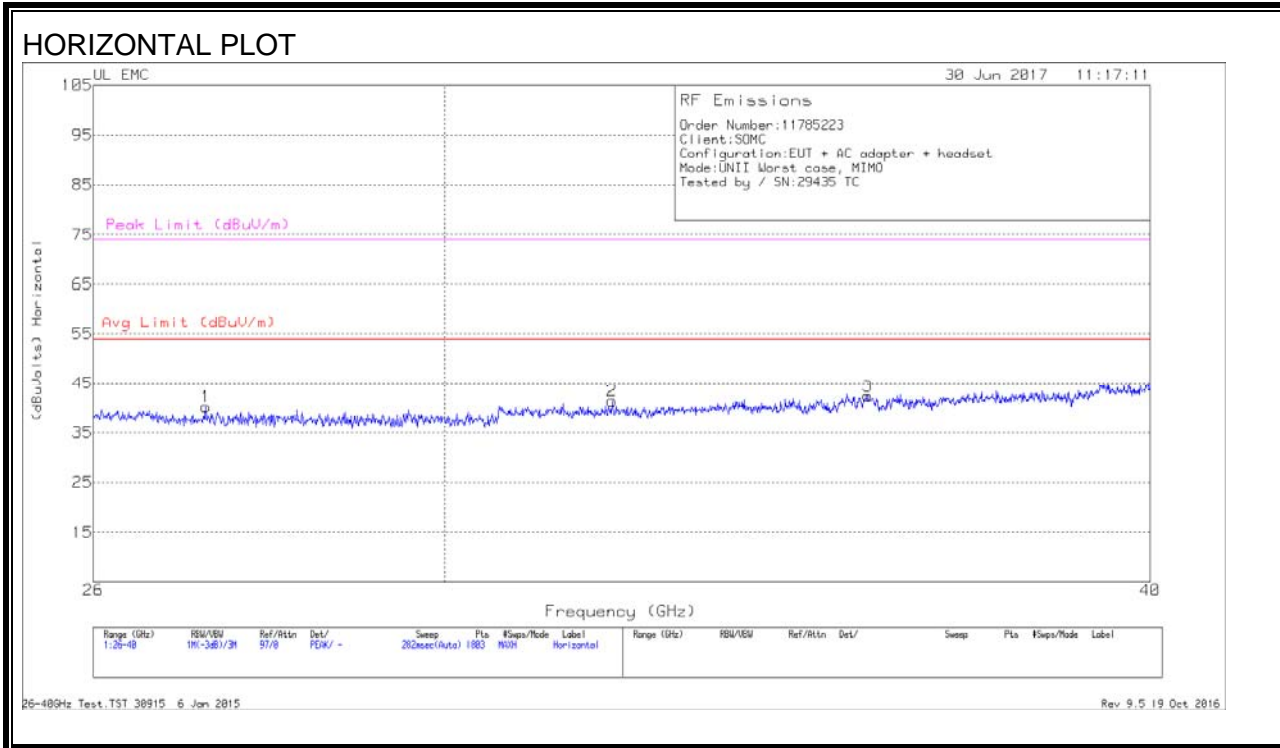
DATA

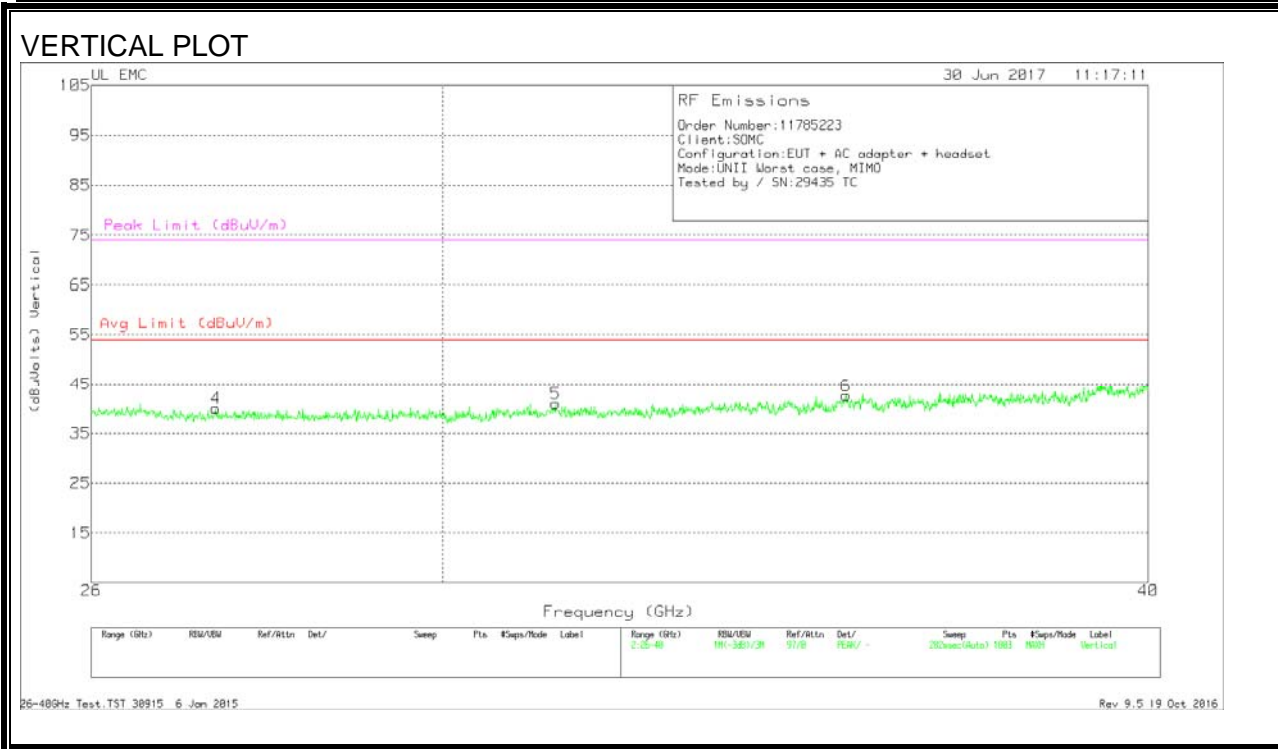
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T449 AF (dB/m) | Amp/Cbl (dB) | Dist Corr (dB) | Corrected Reading (dBuVolts) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) |
|--------|-----------------|----------------------|-----|----------------|--------------|----------------|------------------------------|--------------------|--------------------|---------------------|--------------------|
| 1 | 18.933 | 42.07 | Pk | 32.4 | -25.3 | -9.5 | 39.6666666667 | 54 | - 14.3333333333 | 74 | - 34.3333333333 |
| 2 | 21.311 | 41.87 | Pk | 33 | -25.2 | -9.5 | 40.1666666667 | 54 | - 13.8333333333 | 74 | - 33.8333333333 |
| 3 | 23.808 | 43.37 | Pk | 33.8 | -24 | -9.5 | 43.6666666667 | 54 | - 10.3333333333 | 74 | - 30.3333333333 |
| 4 | 19.026 | 41.63 | Pk | 32.5 | -24.8 | -9.5 | 39.8333333333 | 54 | - 14.1666666667 | 74 | - 34.1666666667 |
| 5 | 21.037 | 41.33 | Pk | 33.2 | -25.2 | -9.5 | 39.8333333333 | 54 | - 14.1666666667 | 74 | - 34.1666666667 |
| 6 | 23.962 | 43.3 | Pk | 33.9 | -24.2 | -9.5 | 43.5 | 54 | -10.5 | 74 | -30.5 |

Pk - Peak detector

11.5. WORST-CASE 26 to 40 GHz

SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION)





DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | T90 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 | 27.22 | 45.47 | Pk | 35.6 | -31.4 | -9.5 | 40.1666666667 | 54 | - 13.8333333333 | 74 | - 33.8333333333 |
| 2 | 32.122 | 47.73 | Pk | 36.3 | -33.2 | -9.5 | 41.3333333333 | 54 | - 12.6666666667 | 74 | - 32.6666666667 |
| 3 | 35.649 | 48.63 | Pk | 37.5 | -34.3 | -9.5 | 42.3333333333 | 54 | - 11.6666666667 | 74 | - 31.6666666667 |
| 4 | 27.352 | 45.5 | Pk | 35.6 | -31.6 | -9.5 | 40 | 54 | -14 | 74 | -34 |
| 5 | 31.415 | 47.5 | Pk | 36.2 | -33.2 | -9.5 | 41 | 54 | -13 | 74 | -33 |
| 6 | 35.362 | 48.07 | Pk | 37.8 | -33.7 | -9.5 | 42.6666666667 | 54 | - 11.3333333333 | 74 | - 31.3333333333 |

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

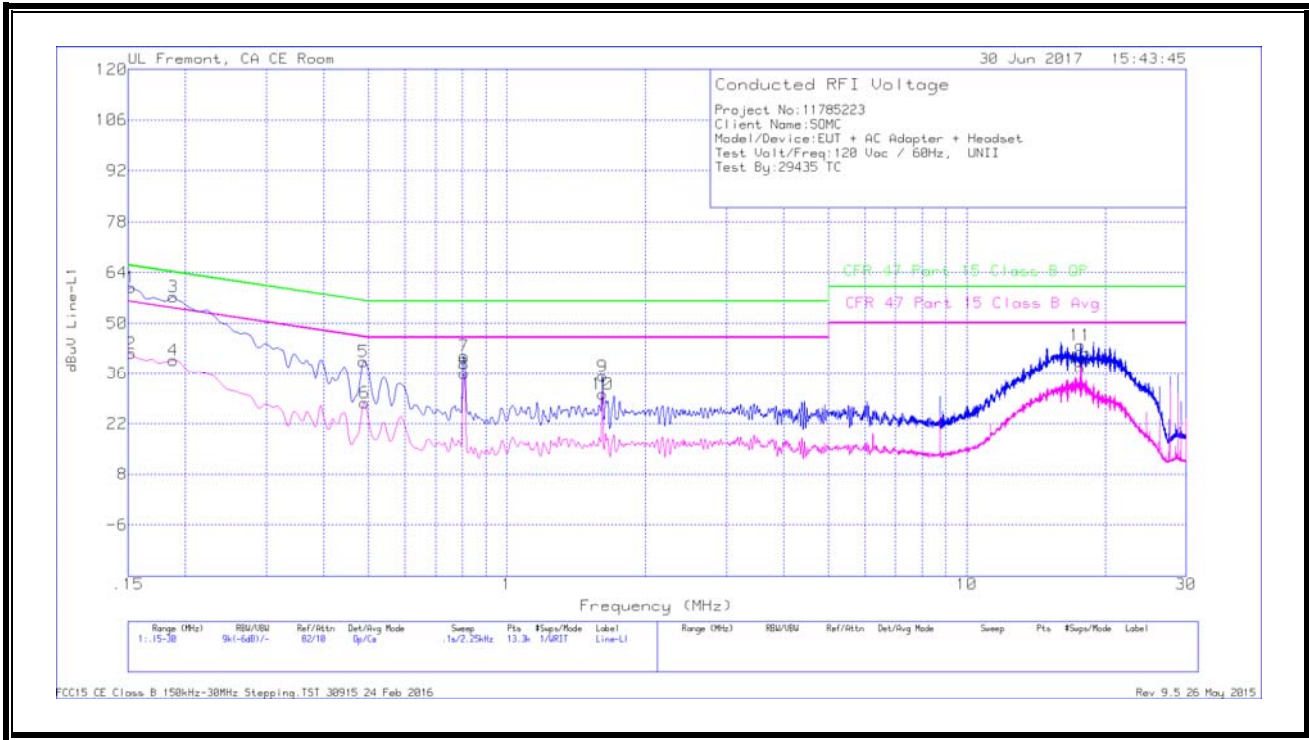
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

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

RESULTS

LINE 1 RESULTS



WORST EMISSIONS

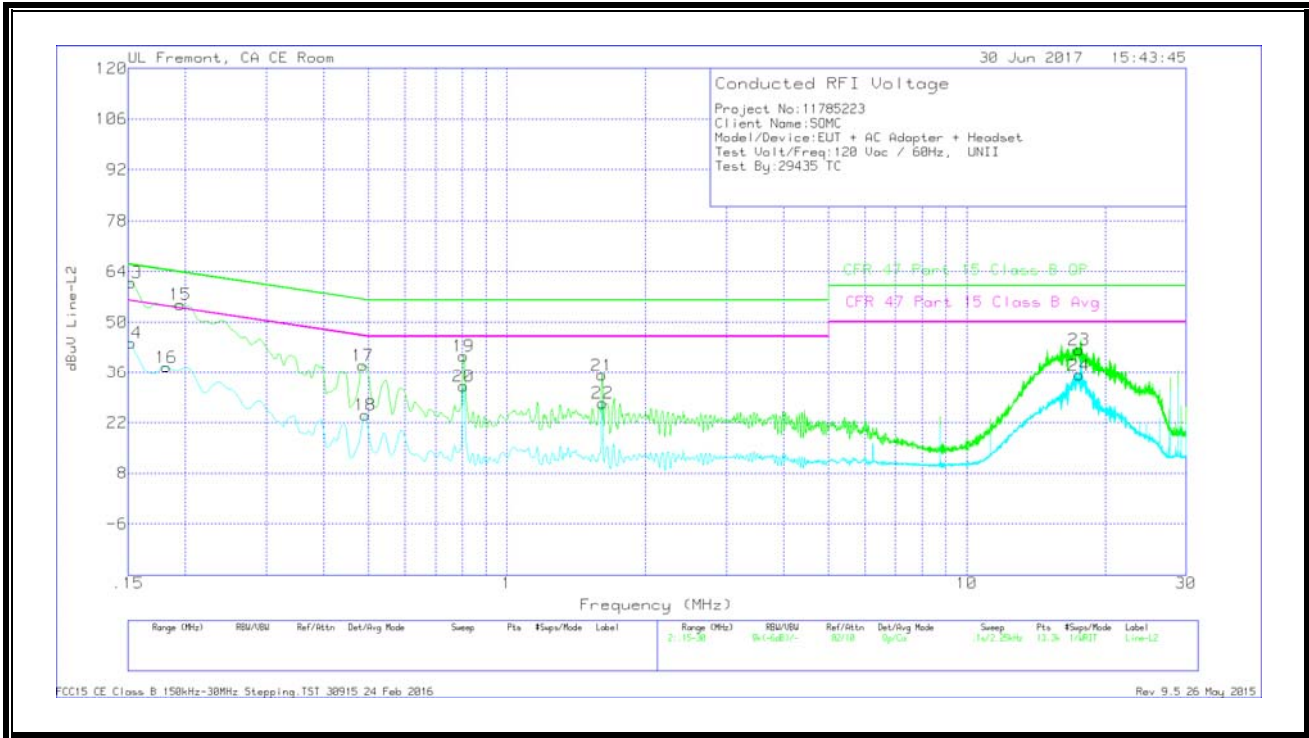
Range 1: Line-L1 .15 - 30MHz

| 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 | .15225 | 49.66 | Qp | .1 | .1 | 10.1 | 59.96 | 65.88 | -5.92 | - | - |
| 2 | .15225 | 31.32 | Ca | .1 | .1 | 10.1 | 41.62 | - | - | 55.88 | -14.26 |
| 3 | .18825 | 47.13 | Qp | 0 | .1 | 10.1 | 57.33 | 64.11 | -6.78 | - | - |
| 4 | .18825 | 29.59 | Ca | 0 | .1 | 10.1 | 39.79 | - | - | 54.11 | -14.32 |
| 5 | .4875 | 29.27 | Qp | 0 | .1 | 10.1 | 39.47 | 56.21 | -16.74 | - | - |
| 6 | .48975 | 17.57 | Ca | 0 | .1 | 10.1 | 27.77 | - | - | 46.17 | -18.4 |
| 7 | .807 | 30.77 | Qp | 0 | .1 | 10.1 | 40.97 | 56 | -15.03 | - | - |
| 8 | .807 | 25.78 | Ca | 0 | .1 | 10.1 | 35.98 | - | - | 46 | -10.02 |
| 9 | 1.6125 | 25.05 | Qp | 0 | .1 | 10.1 | 35.25 | 56 | -20.75 | - | - |
| 10 | 1.6125 | 19.95 | Ca | 0 | .1 | 10.1 | 30.15 | - | - | 46 | -15.85 |
| 11 | 17.646 | 33.39 | Qp | 0 | .2 | 10.3 | 43.89 | 60 | -16.11 | - | - |
| 12 | 17.646 | 27.15 | Ca | 0 | .2 | 10.3 | 37.65 | - | - | 50 | -12.35 |

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

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 | .15225 | 50.79 | Qp | 0 | 0 | 10.1 | 60.89 | 65.88 | -4.99 | - | - |
| 14 | .15225 | 34.11 | Ca | 0 | 0 | 10.1 | 44.21 | - | - | 55.88 | -11.67 |
| 15 | .195 | 44.73 | Qp | 0 | .1 | 10.1 | 54.93 | 63.82 | -8.89 | - | - |
| 16 | .1815 | 27.33 | Ca | 0 | .1 | 10.1 | 37.53 | - | - | 54.42 | -16.89 |
| 17 | .48525 | 27.79 | Qp | 0 | .1 | 10.1 | 37.99 | 56.25 | -18.26 | - | - |
| 18 | .492 | 13.88 | Ca | 0 | .1 | 10.1 | 24.08 | - | - | 46.13 | -22.05 |
| 19 | .80475 | 30.41 | Qp | 0 | .1 | 10.1 | 40.61 | 56 | -15.39 | - | - |
| 20 | .80475 | 21.95 | Ca | 0 | .1 | 10.1 | 32.15 | - | - | 46 | -13.85 |
| 21 | 1.61025 | 25.05 | Qp | 0 | .1 | 10.1 | 35.25 | 56 | -20.75 | - | - |
| 22 | 1.6125 | 17.23 | Ca | 0 | .1 | 10.1 | 27.43 | - | - | 46 | -18.57 |
| 23 | 17.55375 | 31.91 | Qp | 0 | .2 | 10.3 | 42.41 | 60 | -17.59 | - | - |
| 24 | 17.55375 | 24.74 | Ca | 0 | .2 | 10.3 | 35.24 | - | - | 50 | -14.76 |

Qp - Quasi-Peak detector

Ca - CISPR average detection