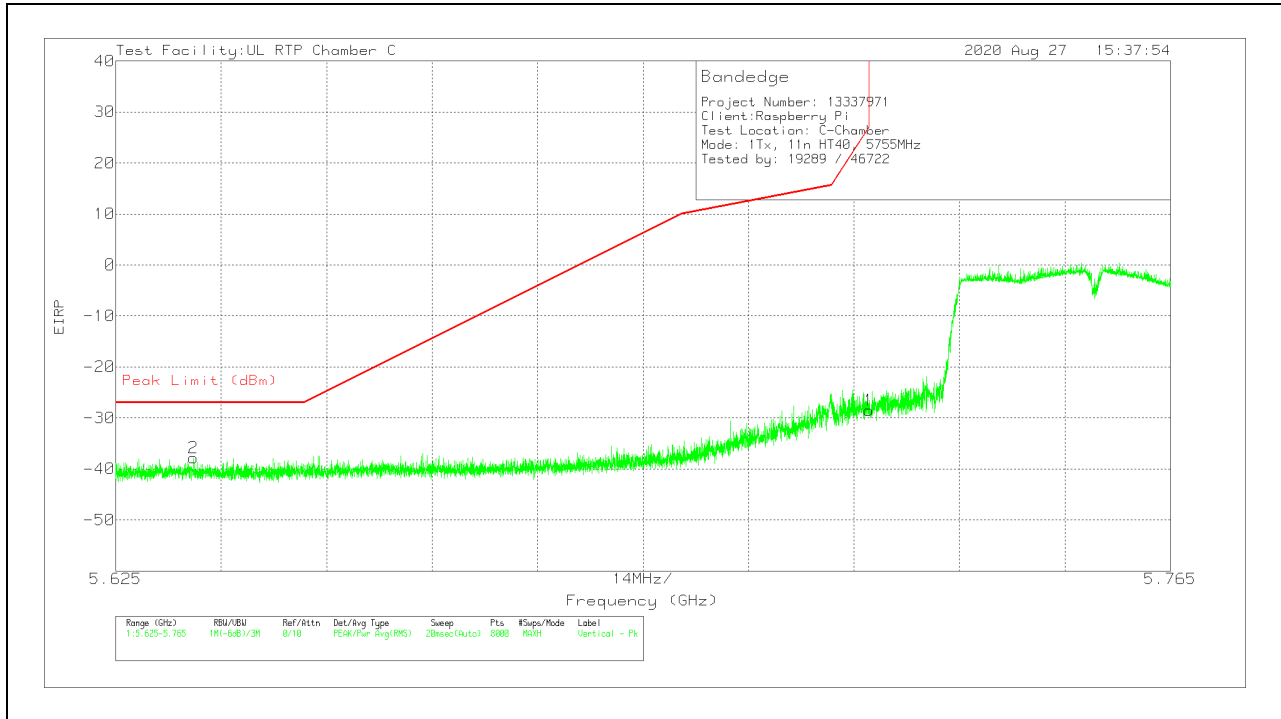


VERTICAL RESULT

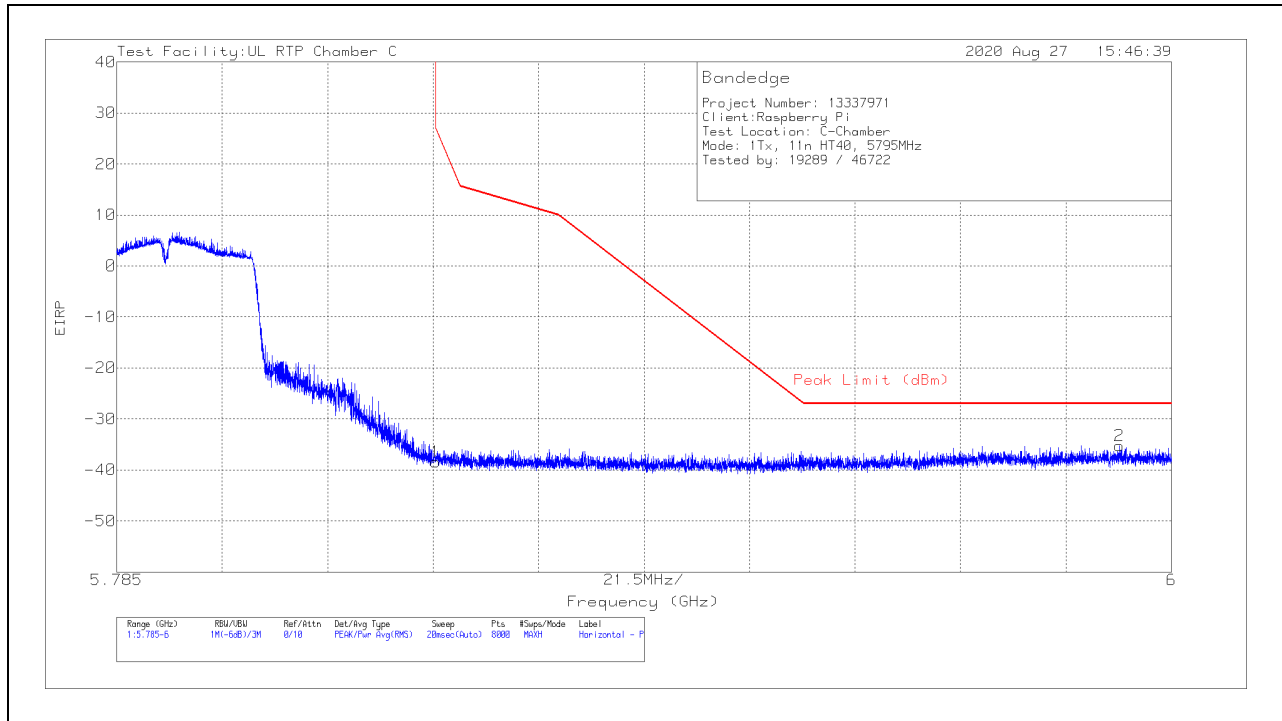


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.63533 | -69.44 | Pk | 34.6 | -14.8 | 11.8 | 0 | -37.84 | -27 | -10.84 | 271 | 248 | V |
| 1 | 5.72499 | -60.12 | Pk | 34.6 | -14.8 | 11.8 | 0 | -28.52 | 26.97 | -55.49 | 271 | 248 | V |

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

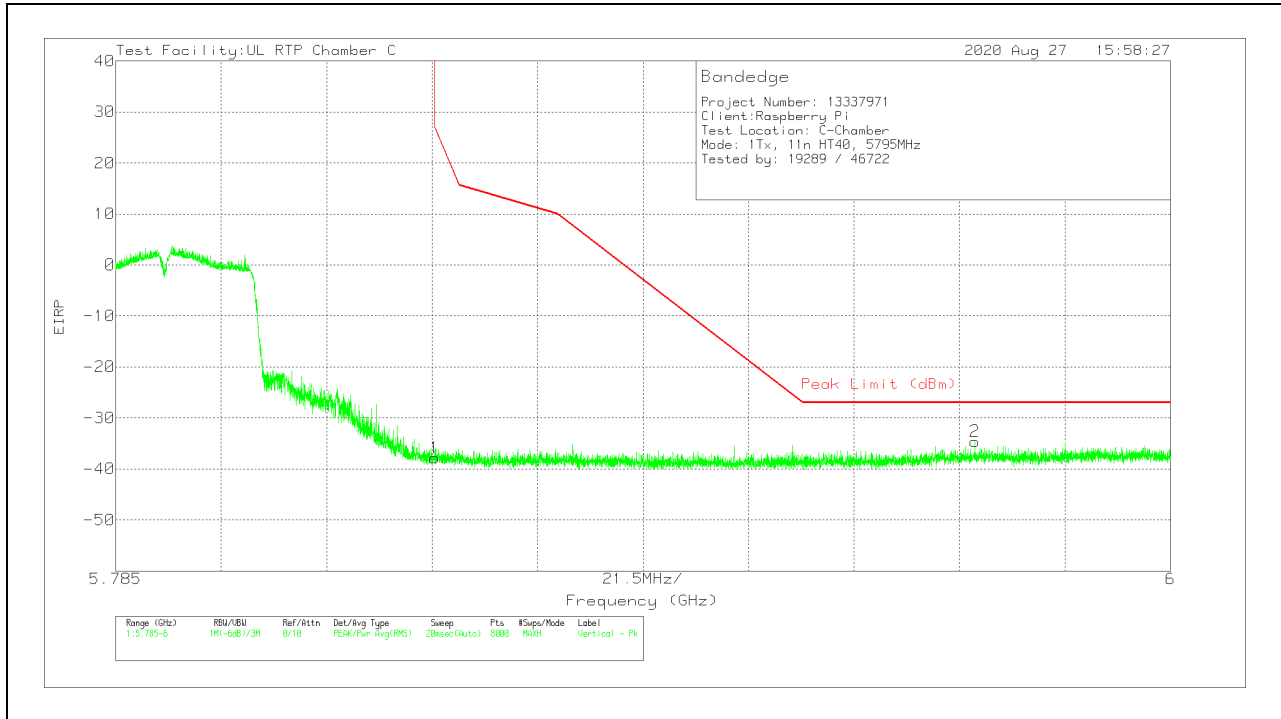
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -70.84 | Pk | 34.9 | -14.3 | 11.8 | -38.44 | 26.96 | -65.4 | 24 | 242 | H |
| 2 | 5.98935 | -67.91 | Pk | 35.1 | -14.2 | 11.8 | -35.21 | -27 | -8.21 | 24 | 242 | H |

Pk - Peak detector

VERTICAL RESULT

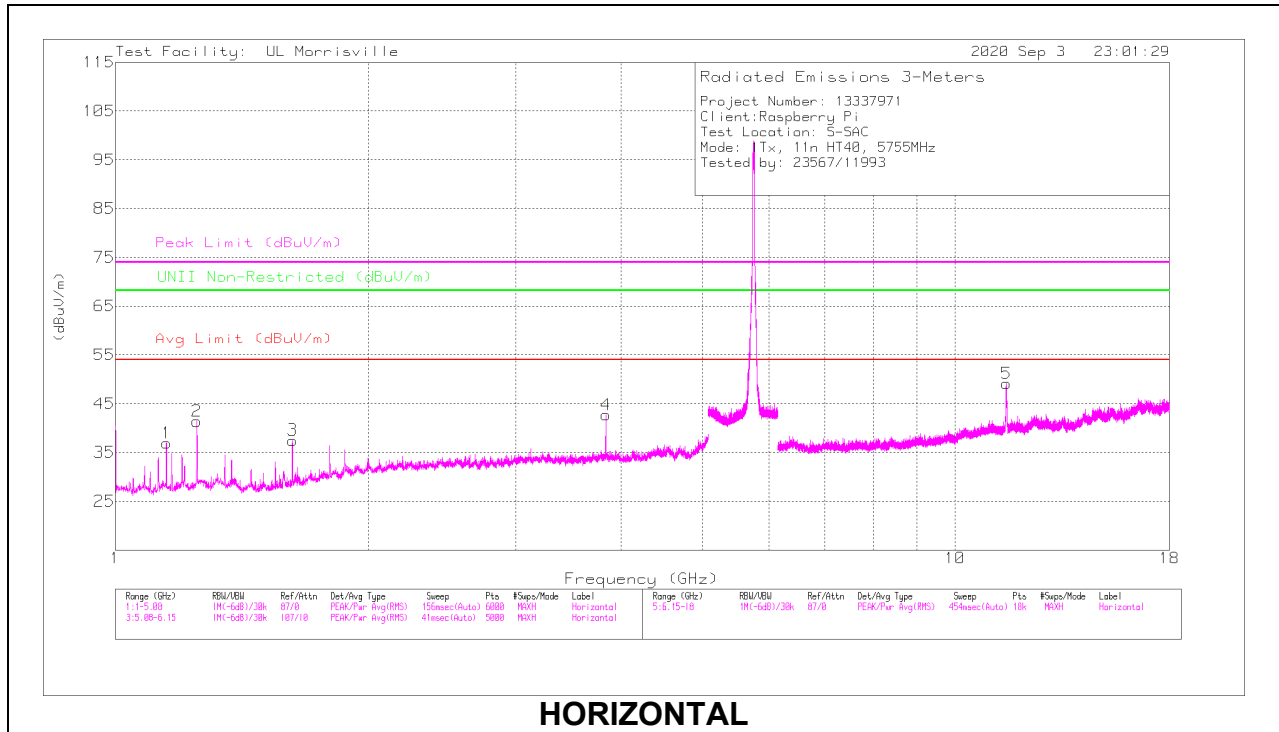


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | DC Corr (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|--------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -70.28 | Pk | 34.9 | -14.3 | 11.8 | 0 | -37.88 | 26.96 | -64.84 | 199 | 251 | V |
| 2 | 5.96016 | -67.68 | Pk | 35.1 | -13.8 | 11.8 | 0 | -34.58 | -27 | -7.58 | 199 | 251 | V |

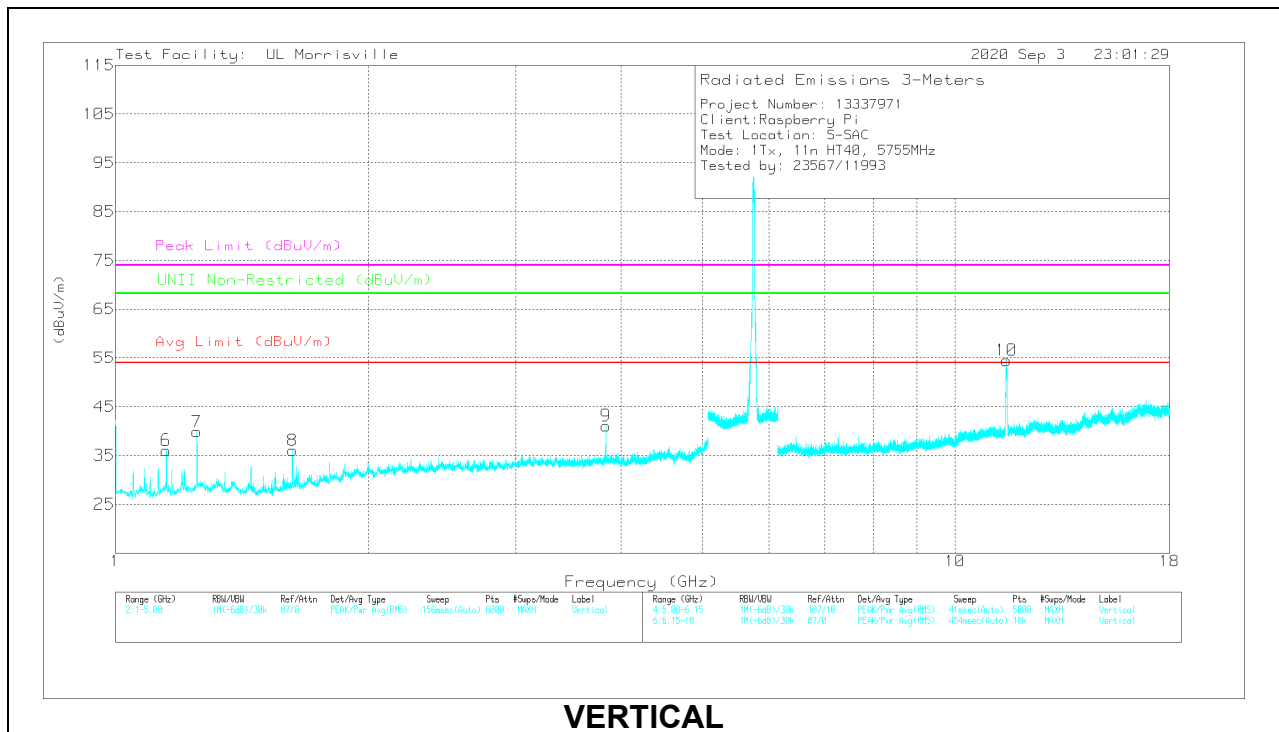
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



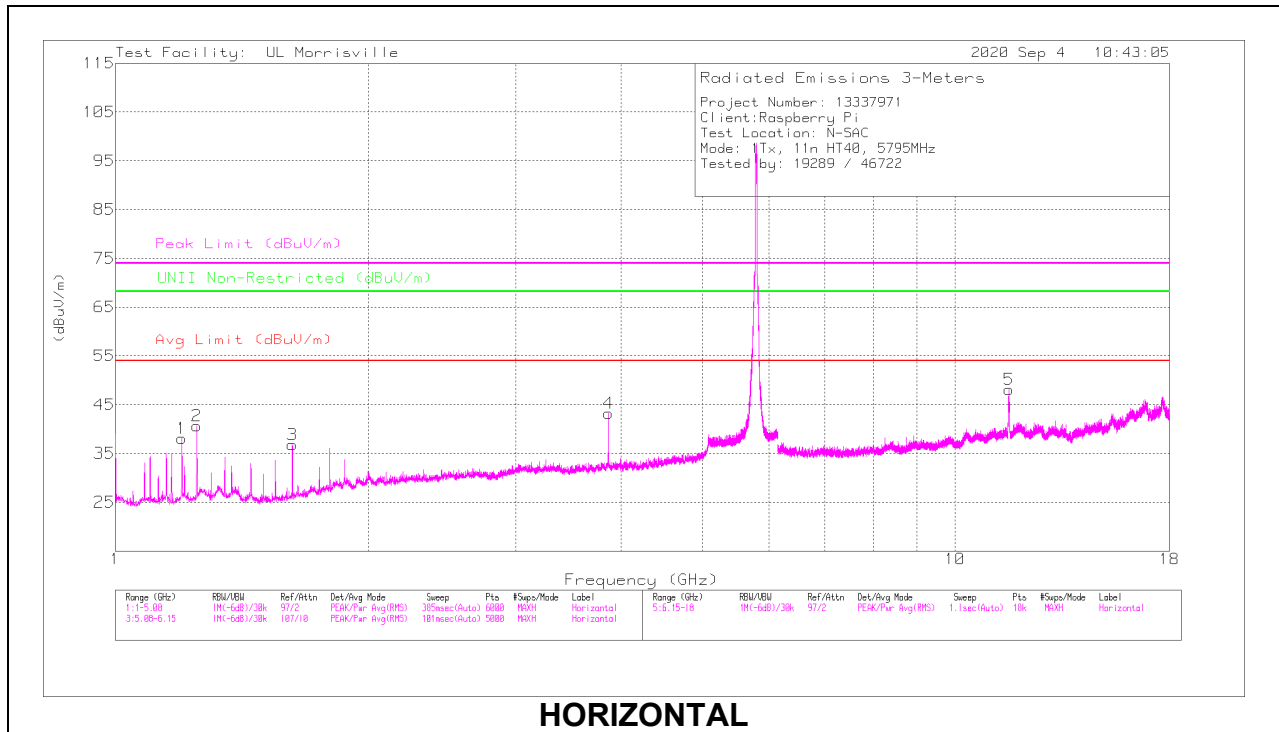
VERTICAL

RADIATED EMISSIONS

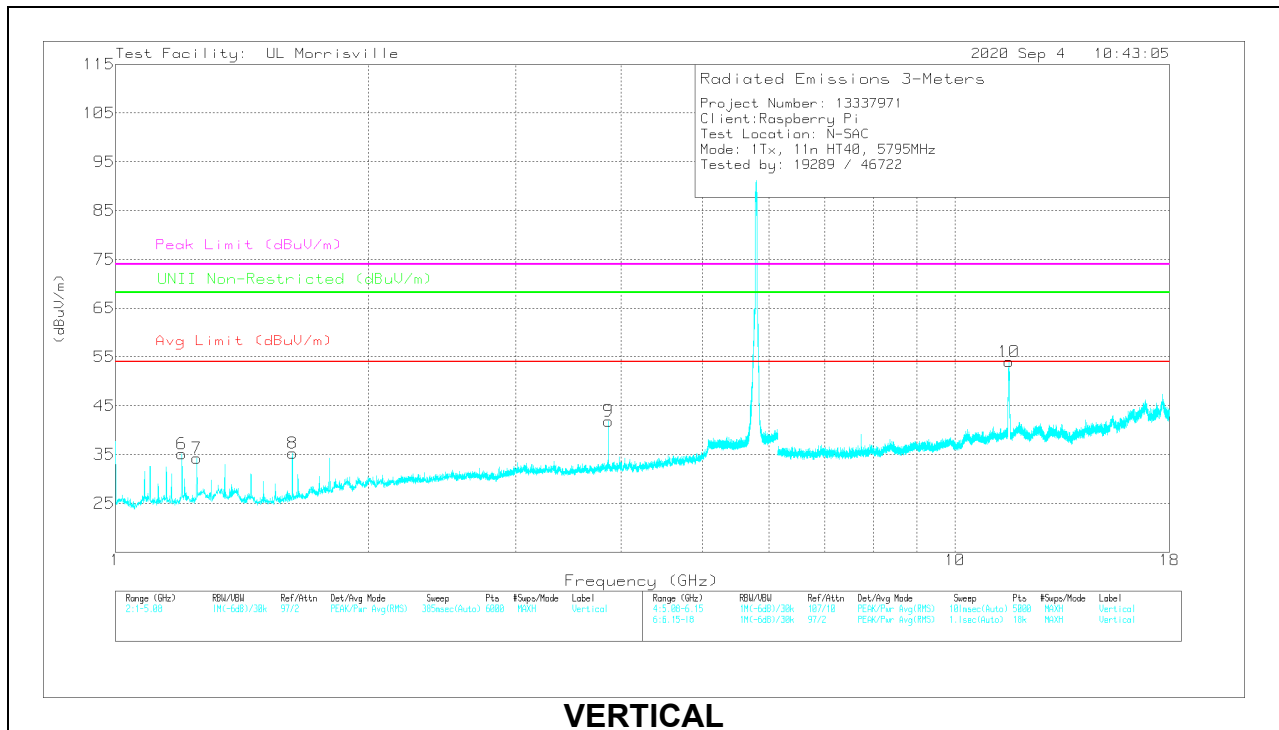
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0067 (dB/m) | Amp/Cbl/fltr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 4 | *** 3.83671 | 47.62 | PK-U | 33.3 | -32.7 | 0 | 48.22 | - | - | 74 | -25.78 | - | - | 260 | 184 | H |
| | *** 3.83661 | 42.06 | ADV | 33.3 | -32.7 | .23 | 42.89 | 54 | -11.11 | - | - | - | - | 260 | 184 | H |
| 3 | *** 1.62488 | 48.25 | PK-U | 28.5 | -34.4 | 0 | 42.35 | - | - | 74 | -31.65 | - | - | 211 | 399 | H |
| | *** 1.62488 | 42.44 | ADV | 28.5 | -34.4 | .23 | 36.77 | 54 | -17.23 | - | - | - | - | 211 | 399 | H |
| 2 | * 1.24982 | 51.59 | PK-U | 29.2 | -35.1 | 0 | 45.69 | - | - | 74 | -28.31 | - | - | 181 | 380 | H |
| | * 1.25006 | 47.27 | ADV | 29.2 | -35.1 | .23 | 41.6 | 54 | -12.4 | - | - | - | - | 181 | 380 | H |
| 1 | *** 1.15007 | 48.33 | PK-U | 28.4 | -35.3 | 0 | 41.43 | - | - | 74 | -32.57 | - | - | 217 | 108 | H |
| | *** 1.15 | 43.04 | ADV | 28.4 | -35.3 | .23 | 36.37 | 54 | -17.63 | - | - | - | - | 217 | 108 | H |
| 9 | *** 3.83677 | 46.67 | PK-U | 33.3 | -32.7 | 0 | 47.27 | - | - | 74 | -26.73 | - | - | 285 | 377 | V |
| | *** 3.8366 | 40.99 | ADV | 33.3 | -32.7 | .23 | 41.82 | 54 | -12.18 | - | - | - | - | 285 | 377 | V |
| 8 | *** 1.62488 | 47.37 | PK-U | 28.5 | -34.4 | 0 | 41.47 | - | - | 74 | -32.53 | - | - | 158 | 385 | V |
| | *** 1.62488 | 41.4 | ADV | 28.5 | -34.4 | .23 | 35.73 | 54 | -18.27 | - | - | - | - | 158 | 385 | V |
| 7 | * 1.25034 | 49.65 | PK-U | 29.2 | -35.1 | 0 | 43.75 | - | - | 74 | -30.25 | - | - | 79 | 239 | V |
| | * 1.25003 | 44.98 | ADV | 29.2 | -35.1 | .23 | 39.31 | 54 | -14.69 | - | - | - | - | 79 | 239 | V |
| 6 | *** 1.15 | 47.16 | PK-U | 28.4 | -35.3 | 0 | 40.26 | - | - | 74 | -33.74 | - | - | 346 | 110 | V |
| | *** 1.1501 | 40.88 | ADV | 28.4 | -35.3 | .23 | 34.21 | 54 | -19.79 | - | - | - | - | 346 | 110 | V |
| 5 | *** 11.51189 | 43.31 | PK-U | 38.2 | -24.7 | 0 | 56.81 | - | - | 74 | -17.19 | - | - | 264 | 259 | H |
| | *** 11.51114 | 29.54 | ADV | 38.2 | -24.7 | .23 | 43.27 | 54 | -10.73 | - | - | - | - | 264 | 259 | H |
| 10 | *** 11.50906 | 50.41 | PK-U | 38.2 | -24.6 | 0 | 64.01 | - | - | 74 | -9.99 | - | - | 255 | 306 | V |
| | *** 11.50951 | 36.62 | ADV | 38.2 | -24.6 | .23 | 50.45 | 54 | -3.55 | - | - | - | - | 255 | 306 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

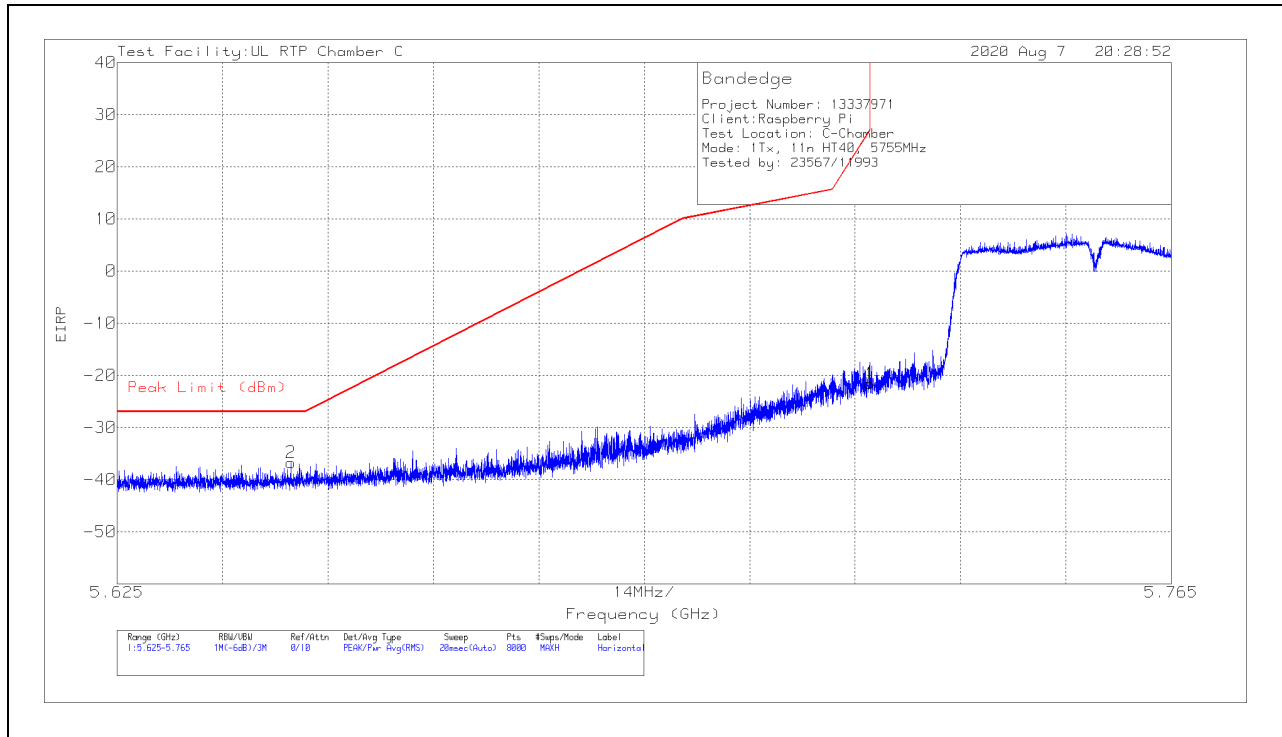
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0072 dB(/m) | Amp/Cbl/ Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | *** 1.19985 | 50.52 | PK-U | 28.7 | -36.9 | 0 | 42.32 | - | - | 74 | -31.68 | - | - | 115 | 110 | H |
| | *** 1.19999 | 44.84 | ADV | 28.7 | -36.9 | .23 | 36.87 | 54 | -17.13 | - | - | - | - | 115 | 110 | H |
| 2 | * 1.24982 | 51.95 | PK-U | 29.1 | -36.6 | 0 | 44.45 | - | - | 74 | -29.55 | - | - | 158 | 304 | H |
| | * 1.25003 | 47.25 | ADV | 29.1 | -36.6 | .23 | 39.98 | 54 | -14.02 | - | - | - | - | 158 | 304 | H |
| 3 | *** 1.6251 | 49.84 | PK-U | 28.2 | -35.4 | 0 | 42.64 | - | - | 74 | -31.36 | - | - | 17 | 361 | H |
| | *** 1.62499 | 44.08 | ADV | 28.2 | -35.4 | .23 | 37.11 | 54 | -16.89 | - | - | - | - | 17 | 361 | H |
| 4 | *** 3.86331 | 49.11 | PK-U | 33.6 | -32.5 | 0 | 50.21 | - | - | 74 | -23.79 | - | - | 252 | 352 | H |
| | *** 3.86333 | 44.01 | ADV | 33.6 | -32.5 | .23 | 45.34 | 54 | -8.66 | - | - | - | - | 252 | 352 | H |
| 6 | *** 1.19982 | 50.38 | PK-U | 28.7 | -36.9 | 0 | 42.18 | - | - | 74 | -31.82 | - | - | 41 | 388 | V |
| | *** 1.19999 | 44.21 | ADV | 28.7 | -36.9 | .23 | 36.24 | 54 | -17.76 | - | - | - | - | 41 | 388 | V |
| 7 | * 1.25005 | 51 | PK-U | 29.1 | -36.6 | 0 | 43.5 | - | - | 74 | -30.5 | - | - | 230 | 380 | V |
| | * 1.25002 | 45.23 | ADV | 29.1 | -36.6 | .23 | 37.96 | 54 | -16.04 | - | - | - | - | 230 | 380 | V |
| 8 | *** 1.6252 | 49.93 | PK-U | 28.2 | -35.4 | 0 | 42.73 | - | - | 74 | -31.27 | - | - | 110 | 312 | V |
| | *** 1.62507 | 44.14 | ADV | 28.2 | -35.4 | .23 | 37.17 | 54 | -16.83 | - | - | - | - | 110 | 312 | V |
| 9 | *** 3.86323 | 47.9 | PK-U | 33.6 | -32.5 | 0 | 49 | - | - | 74 | -25 | - | - | 222 | 304 | V |
| | *** 3.86324 | 42.45 | ADV | 33.6 | -32.5 | .23 | 43.78 | 54 | -10.22 | - | - | - | - | 222 | 304 | V |
| 5 | *** 11.59065 | 48.37 | PK-U | 38.2 | -26.6 | 0 | 59.97 | - | - | 74 | -14.03 | - | - | 239 | 375 | H |
| | *** 11.58889 | 35.3 | ADV | 38.2 | -26.6 | .23 | 47.13 | 54 | -6.87 | - | - | - | - | 239 | 375 | H |
| 10 | *** 11.58988 | 51.14 | PK-U | 38.2 | -26.6 | 0 | 62.74 | - | - | 74 | -11.26 | - | - | 56 | 387 | V |
| | *** 11.59117 | 38.49 | ADV | 38.2 | -26.6 | .23 | 50.32 | 54 | -3.68 | - | - | - | - | 56 | 387 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL)

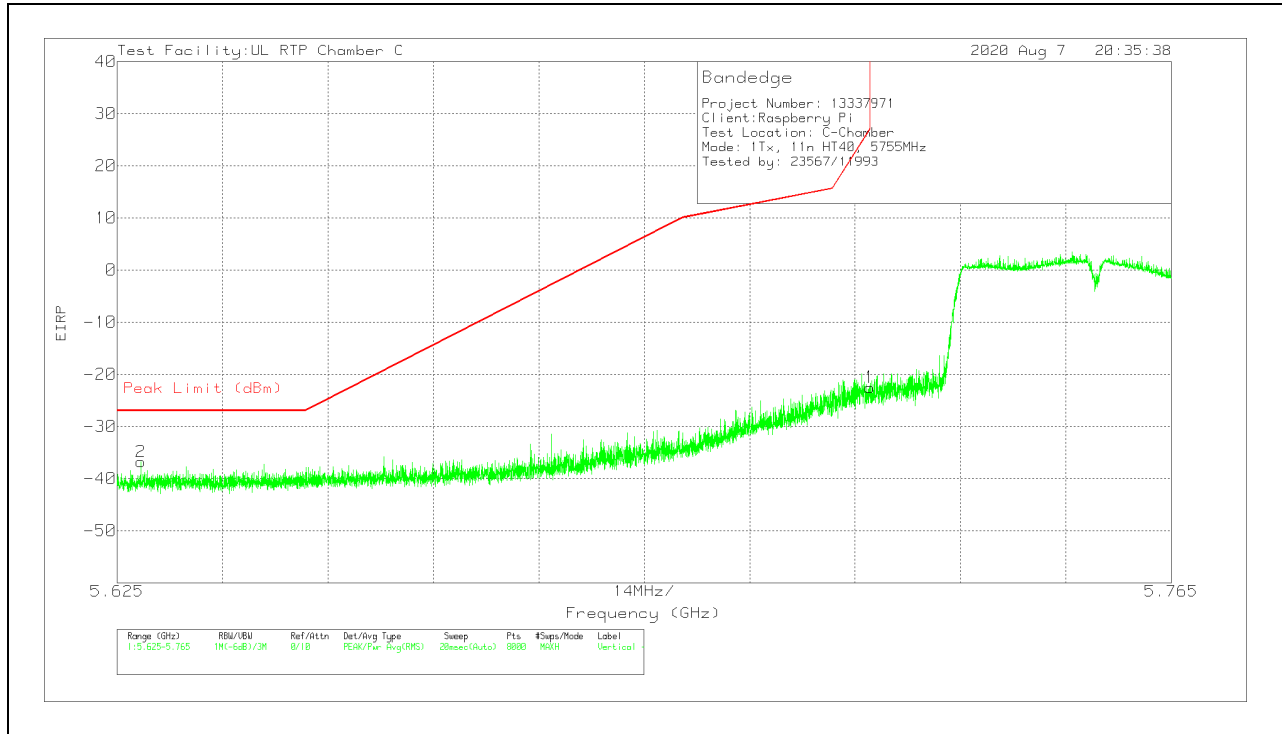
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.6481 | -68.25 | Pk | 34.6 | -14.9 | 11.8 | -36.75 | -27 | -9.75 | 143 | 374 | H |
| 1 | 5.72499 | -53.19 | Pk | 34.6 | -14.8 | 11.8 | -21.59 | 26.97 | -48.56 | 143 | 374 | H |

Pk - Peak detector

VERTICAL RESULT

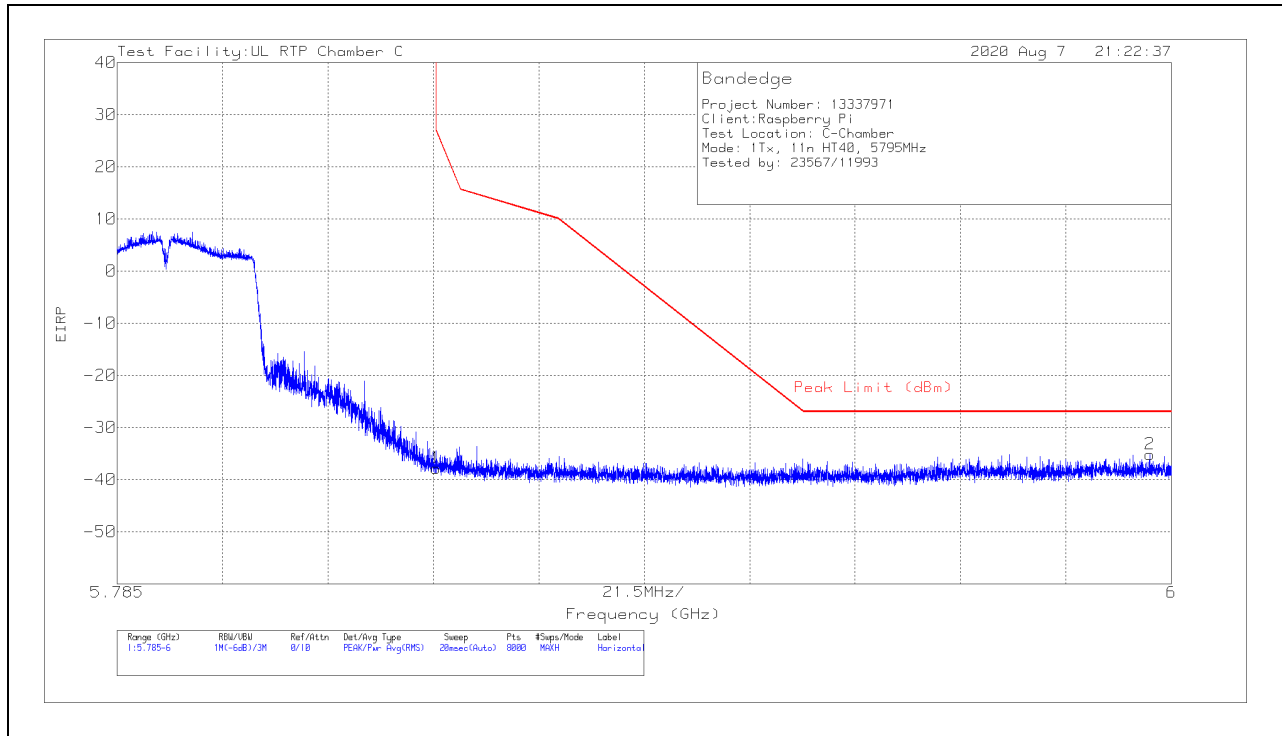


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.62813 | -68.28 | Pk | 34.6 | -14.9 | 11.8 | -36.78 | -27 | -9.78 | 232 | 386 | V |
| 1 | 5.72499 | -54.1 | Pk | 34.6 | -14.8 | 11.8 | -22.5 | 26.97 | -49.47 | 232 | 386 | V |

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

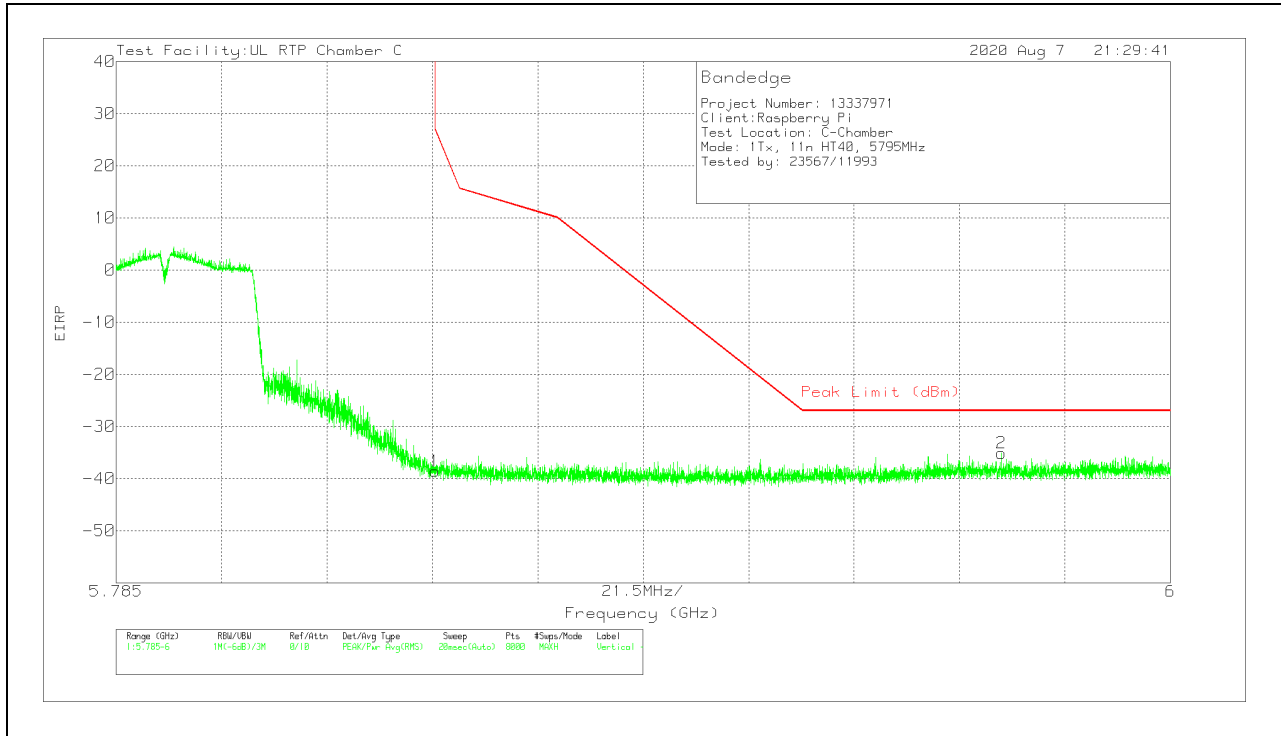
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -70.19 | Pk | 34.9 | -14.3 | 11.8 | -37.79 | 26.96 | -64.75 | 140 | 383 | H |
| 2 | 5.99567 | -67.94 | Pk | 35.2 | -14.2 | 11.8 | -35.14 | -27 | -8.14 | 140 | 383 | H |

Pk - Peak detector

VERTICAL RESULT

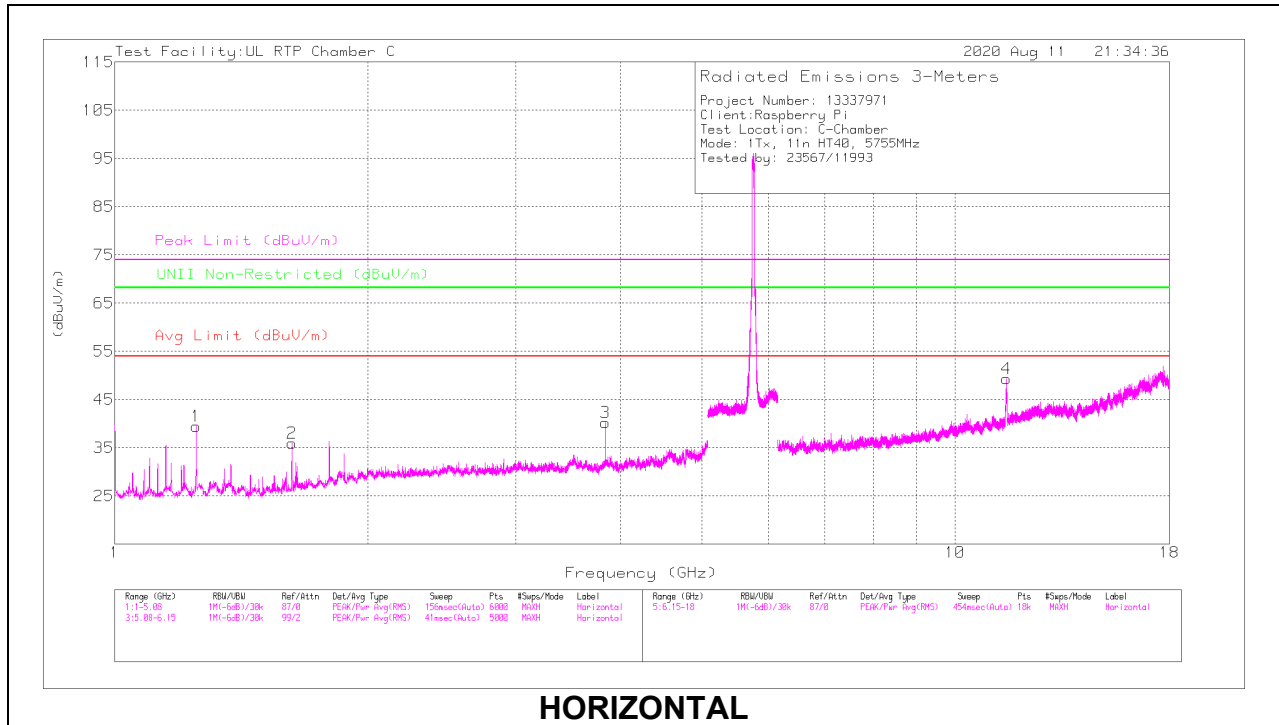


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -70.98 | Pk | 34.9 | -14.3 | 11.8 | -38.58 | 26.96 | -65.54 | 204 | 383 | V |
| 2 | 5.96551 | -68.11 | Pk | 35.1 | -13.9 | 11.8 | -35.11 | -27 | -8.11 | 204 | 383 | V |

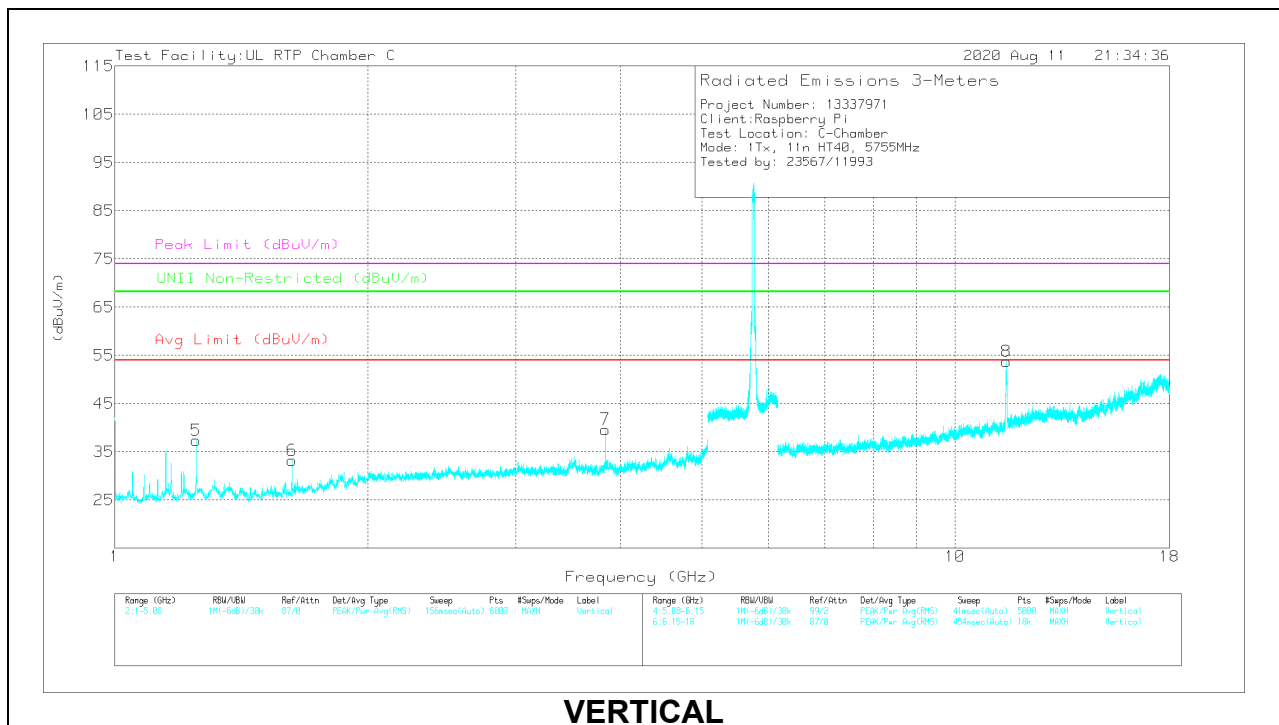
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



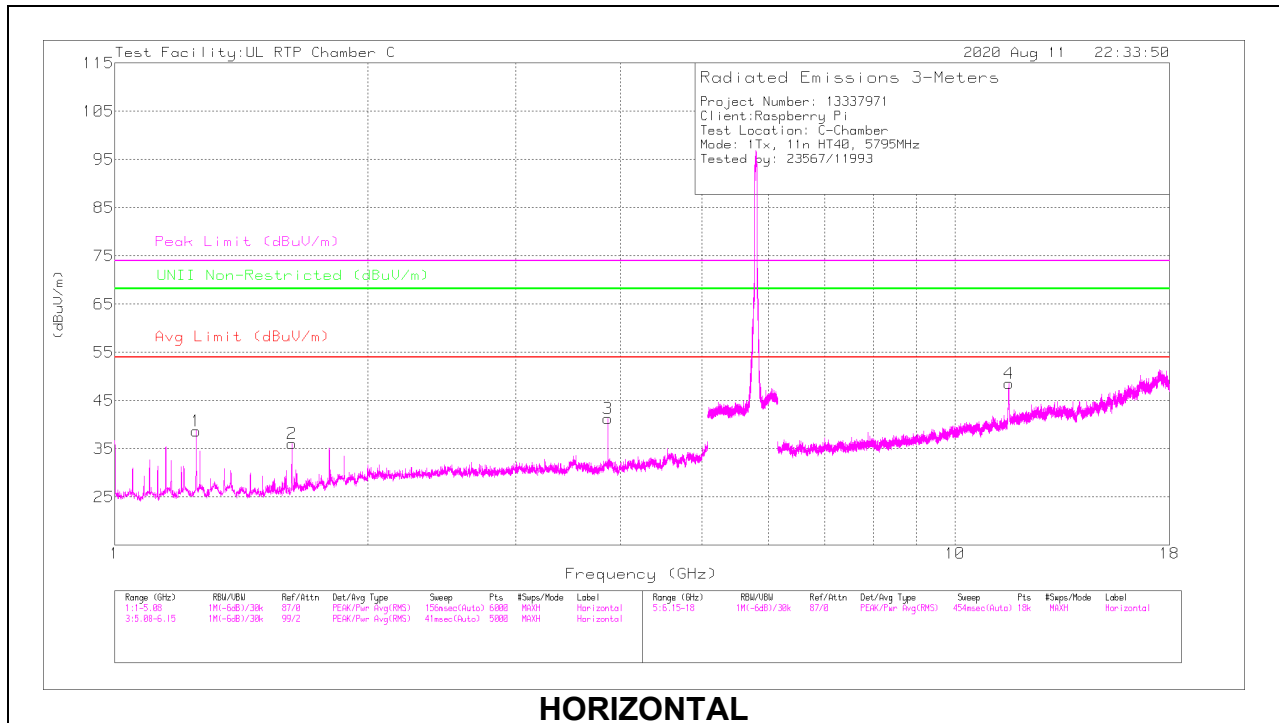
VERTICAL

RADIATED EMISSIONS

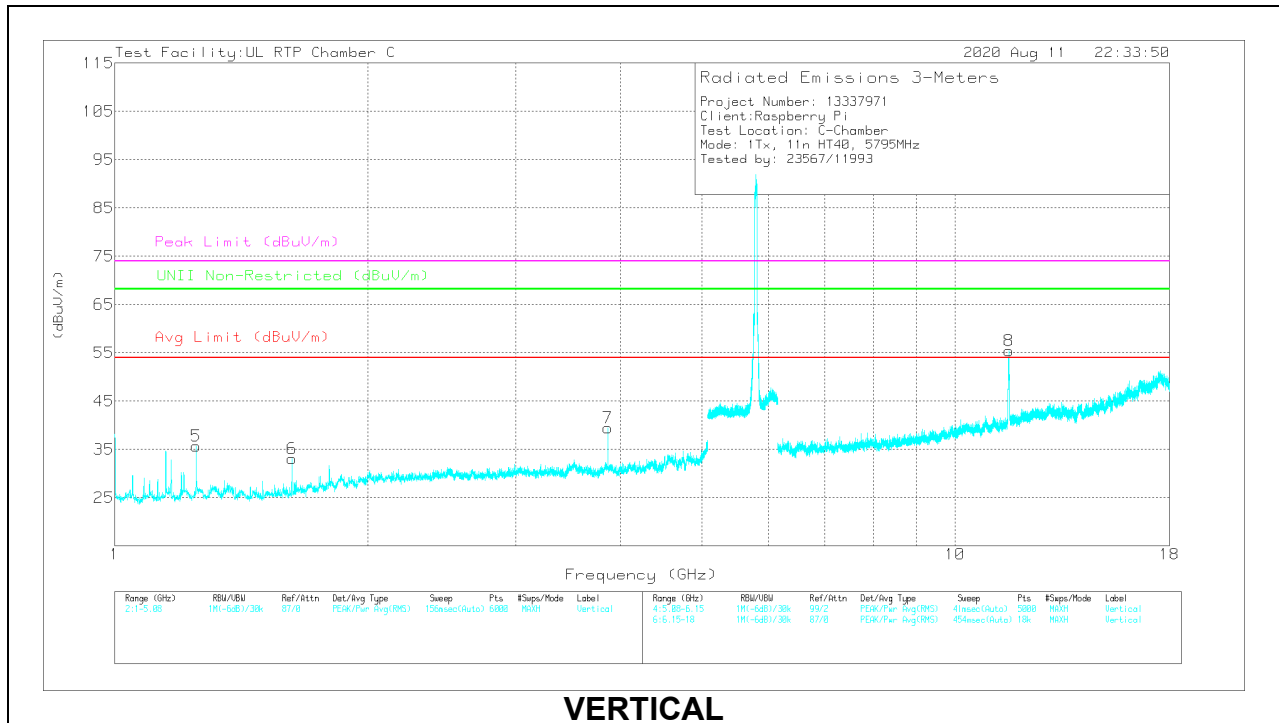
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | * 1.25013 | 69.52 | PK-U | 28.6 | -55.3 | 0 | 42.82 | - | - | 74 | -31.18 | - | - | 134 | 198 | H |
| | * 1.25003 | 65.42 | ADV | 28.6 | -55.3 | .23 | 38.95 | 54 | -15.05 | - | - | - | - | 134 | 198 | H |
| 2 | *** 1.62488 | 64.38 | PK-U | 28.5 | -54.1 | 0 | 38.78 | - | - | 74 | -35.22 | - | - | 181 | 103 | H |
| | *** 1.62488 | 58.66 | ADV | 28.5 | -54.1 | .23 | 33.29 | 54 | -20.71 | - | - | - | - | 181 | 103 | H |
| 3 | *** 3.83663 | 59.86 | PK-U | 33.5 | -49.2 | 0 | 44.16 | - | - | 74 | -29.84 | - | - | 330 | 102 | H |
| | *** 3.83664 | 54.23 | ADV | 33.5 | -49.2 | .23 | 38.76 | 54 | -15.24 | - | - | - | - | 330 | 102 | H |
| 5 | * 1.24991 | 67.32 | PK-U | 28.6 | -55.3 | 0 | 40.62 | - | - | 74 | -33.38 | - | - | 357 | 103 | V |
| | * 1.25005 | 62.07 | ADV | 28.6 | -55.3 | .23 | 35.6 | 54 | -18.4 | - | - | - | - | 357 | 103 | V |
| 6 | *** 1.62525 | 66.26 | PK-U | 28.5 | -54.1 | 0 | 40.66 | - | - | 74 | -33.34 | - | - | 239 | 297 | V |
| | *** 1.62488 | 60.29 | ADV | 28.5 | -54.1 | .23 | 34.92 | 54 | -19.08 | - | - | - | - | 239 | 297 | V |
| 7 | *** 3.83656 | 61.85 | PK-U | 33.5 | -49.2 | 0 | 46.15 | - | - | 74 | -27.85 | - | - | 0 | 297 | V |
| | *** 3.83662 | 56.13 | ADV | 33.5 | -49.2 | .23 | 40.66 | 54 | -13.34 | - | - | - | - | 0 | 297 | V |
| 4 | *** 11.5089 | 61.43 | PK-U | 38.2 | -41.9 | 0 | 57.73 | - | - | 74 | -16.27 | - | - | 342 | 268 | H |
| | *** 11.50956 | 47.98 | ADV | 38.2 | -41.9 | .23 | 44.51 | 54 | -9.49 | - | - | - | - | 342 | 268 | H |
| 8 | *** 11.51148 | 67.17 | PK-U | 38.2 | -41.8 | 0 | 63.57 | - | - | 74 | -10.43 | - | - | 327 | 321 | V |
| | *** 11.51145 | 53.1 | ADV | 38.2 | -41.8 | .23 | 49.73 | 54 | -4.27 | - | - | - | - | 327 | 321 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0062 (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) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | * 1.25015 | 68.35 | PK-U | 28.6 | -55.3 | 0 | 41.65 | - | - | 74 | -32.35 | - | - | 133 | 103 | H |
| | * 1.25001 | 64.18 | ADV | 28.6 | -55.3 | .23 | 37.71 | 54 | -16.29 | - | - | - | - | 133 | 103 | H |
| 2 | *** 1.62488 | 64.41 | PK-U | 28.5 | -54.1 | 0 | 38.81 | - | - | 74 | -35.19 | - | - | 207 | 102 | H |
| | *** 1.62488 | 58.69 | ADV | 28.5 | -54.1 | .23 | 33.32 | 54 | -20.68 | - | - | - | - | 207 | 102 | H |
| 3 | *** 3.86316 | 58.84 | PK-U | 33.5 | -49.5 | 0 | 42.84 | - | - | 74 | -31.16 | - | - | 327 | 102 | H |
| | *** 3.8633 | 52.58 | ADV | 33.5 | -49.6 | .23 | 36.71 | 54 | -17.29 | - | - | - | - | 327 | 102 | H |
| 5 | * 1.24998 | 66.01 | PK-U | 28.6 | -55.3 | 0 | 39.31 | - | - | 74 | -34.69 | - | - | 290 | 102 | V |
| | * 1.25002 | 60.2 | ADV | 28.6 | -55.3 | .23 | 33.73 | 54 | -20.27 | - | - | - | - | 290 | 102 | V |
| 6 | *** 1.62488 | 65.29 | PK-U | 28.5 | -54.1 | 0 | 39.69 | - | - | 74 | -34.31 | - | - | 250 | 339 | V |
| | *** 1.62488 | 57.83 | ADV | 28.5 | -54.1 | .23 | 32.46 | 54 | -21.54 | - | - | - | - | 250 | 339 | V |
| 7 | *** 3.86337 | 61.34 | PK-U | 33.5 | -49.6 | 0 | 45.24 | - | - | 74 | -28.76 | - | - | 62 | 255 | V |
| | *** 3.86331 | 54.7 | ADV | 33.5 | -49.6 | .23 | 38.83 | 54 | -15.17 | - | - | - | - | 62 | 255 | V |
| 4 | *** 11.59196 | 58.36 | PK-U | 38.3 | -41.9 | 0 | 54.76 | - | - | 74 | -19.24 | - | - | 225 | 400 | H |
| | *** 11.59111 | 45.01 | ADV | 38.3 | -41.9 | .23 | 41.64 | 54 | -12.36 | - | - | - | - | 225 | 400 | H |
| 8 | *** 11.59152 | 68.56 | PK-U | 38.3 | -41.9 | 0 | 64.96 | - | - | 74 | -9.04 | - | - | 329 | 323 | V |
| | *** 11.59104 | 55.01 | ADV | 38.3 | -41.9 | .23 | 51.64 | 54 | -2.36 | - | - | - | - | 329 | 323 | V |

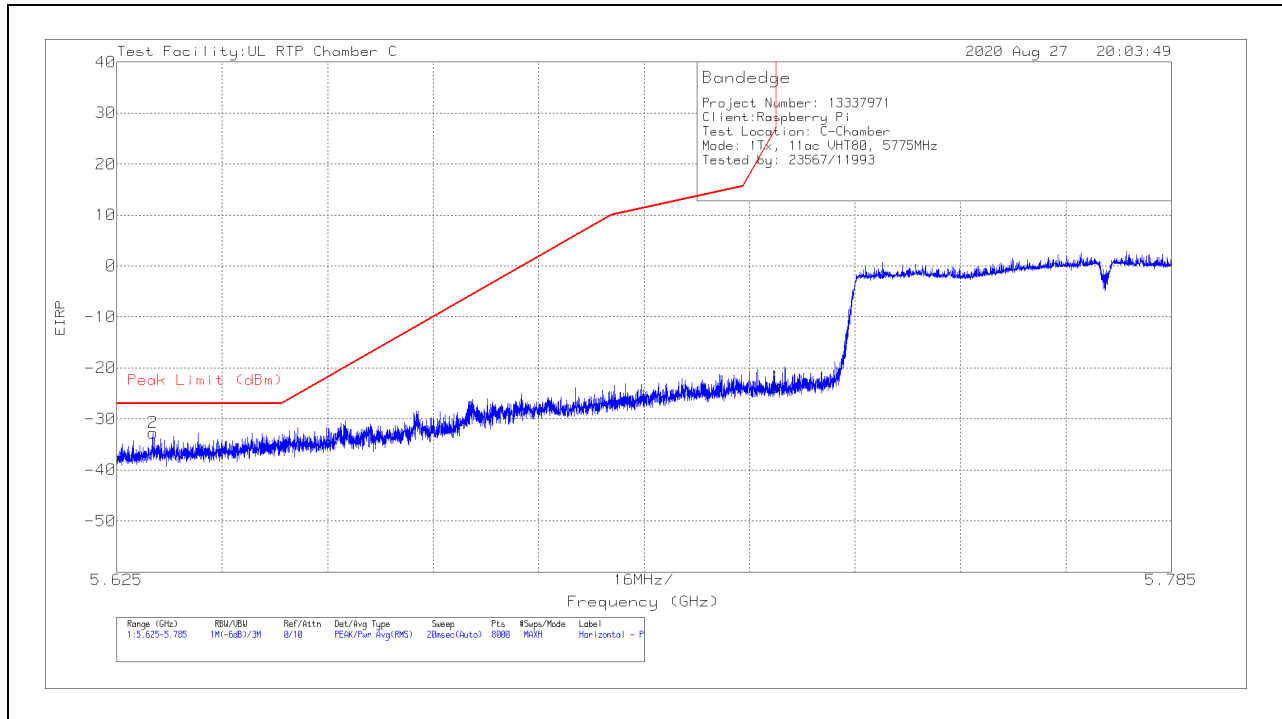
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

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

1TX Antenna 1 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

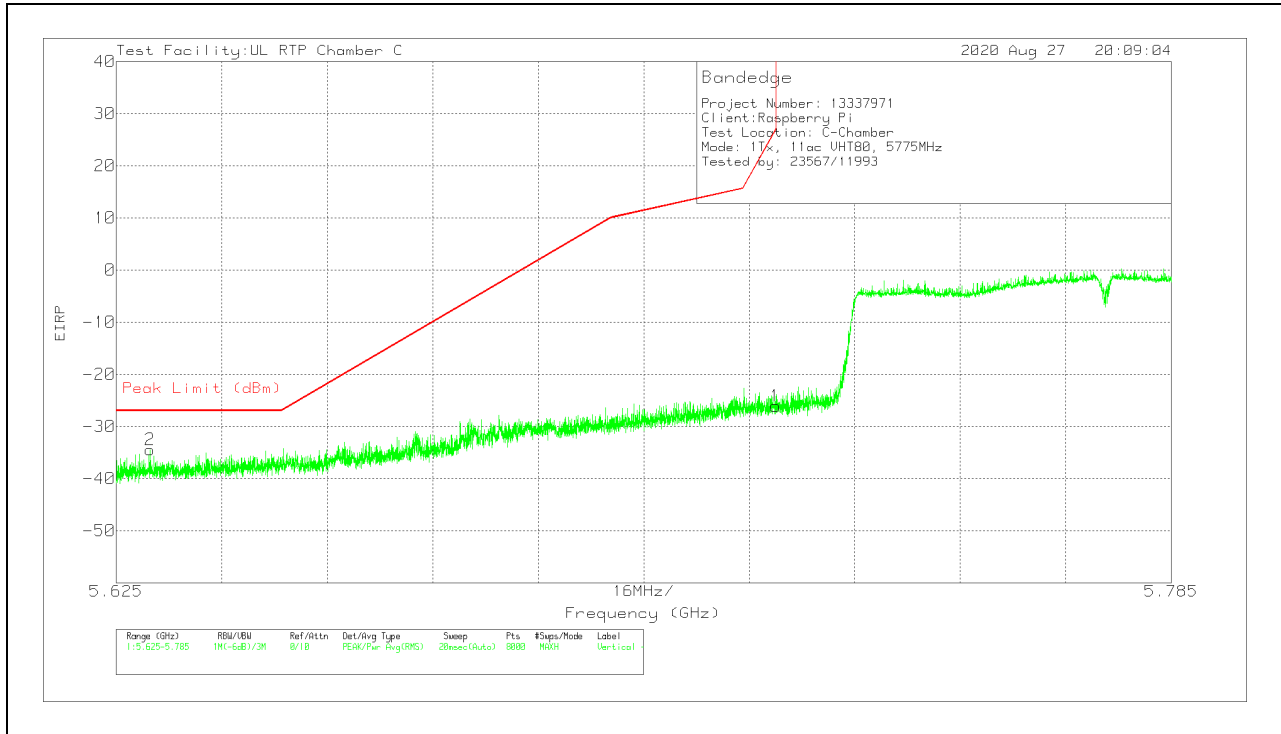
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.6305 | -64.33 | Pk | 34.6 | -14.8 | 11.8 | -32.73 | -27 | -5.73 | 190 | 358 | H |
| 1 | 5.725 | -55.43 | Pk | 34.6 | -14.8 | 11.8 | -23.83 | 26.99 | -50.82 | 190 | 358 | H |

Pk - Peak detector

VERTICAL RESULT

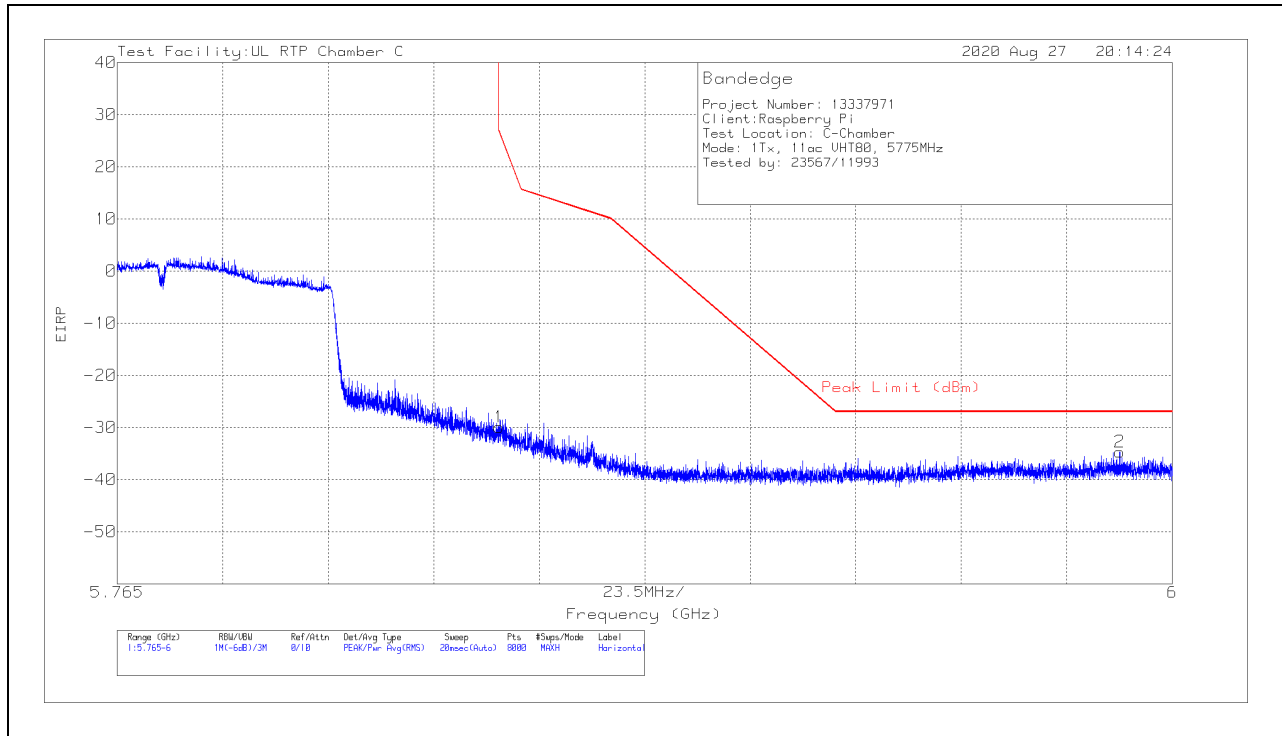


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.63016 | -66.07 | Pk | 34.6 | -14.8 | 11.8 | -34.47 | -27 | -7.47 | 161 | 271 | V |
| 1 | 5.725 | -57.68 | Pk | 34.6 | -14.8 | 11.8 | -26.08 | 26.99 | -53.07 | 161 | 271 | V |

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

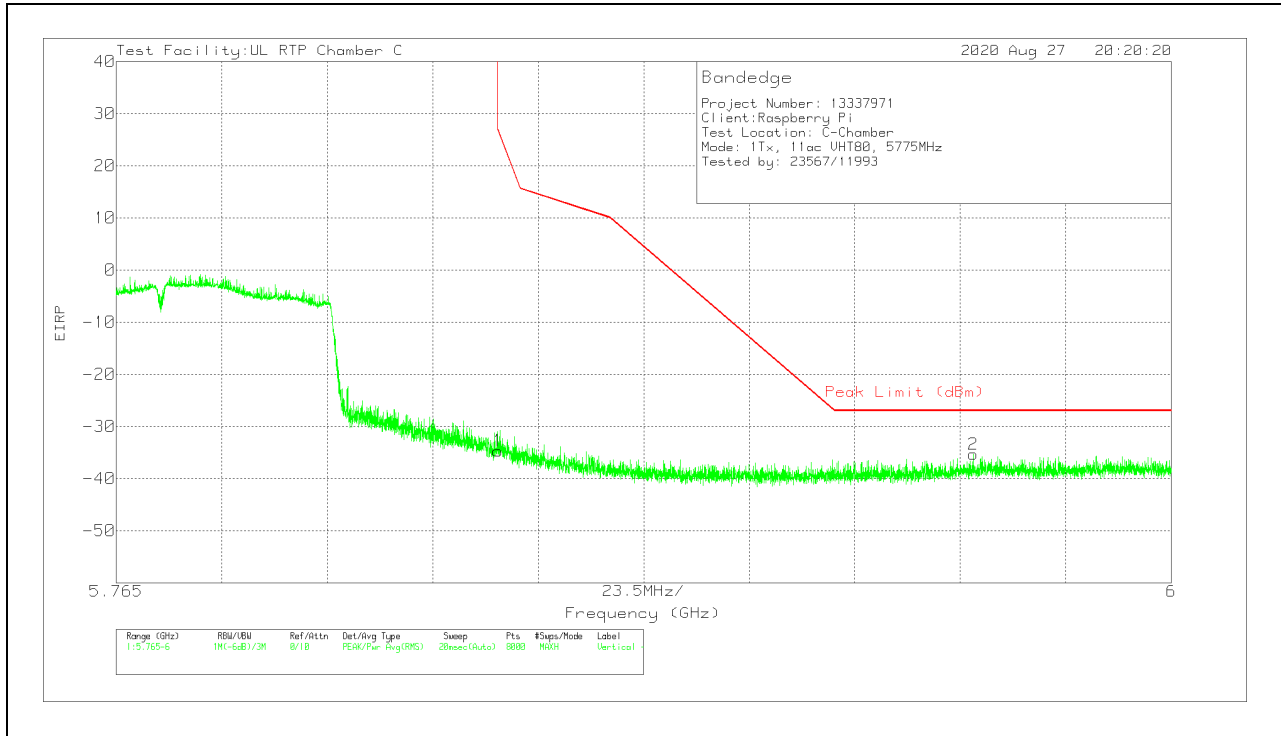
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -62.33 | Pk | 34.9 | -14.3 | 11.8 | -29.93 | 26.95 | -56.88 | 185 | 166 | H |
| 2 | 5.98831 | -67.39 | Pk | 35.1 | -14.2 | 11.8 | -34.69 | -27 | -7.69 | 185 | 166 | H |

Pk - Peak detector

VERTICAL RESULT

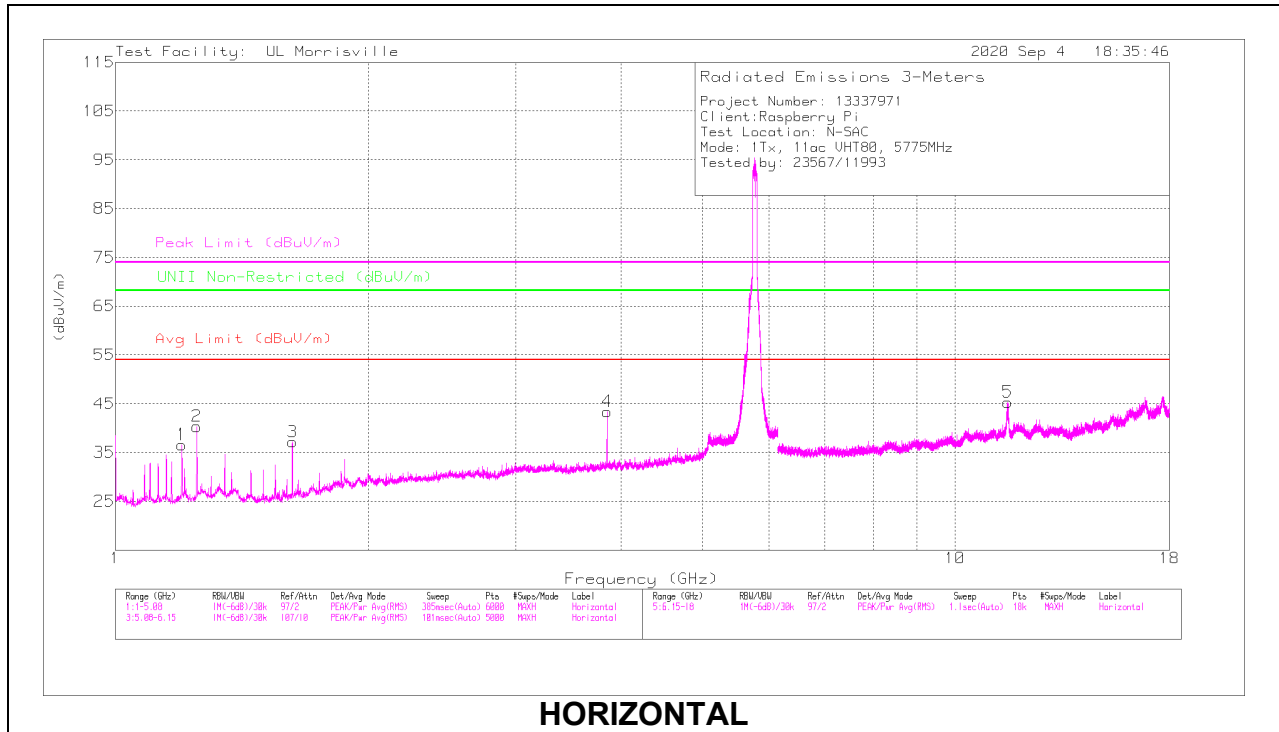


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -67.09 | Pk | 34.9 | -14.3 | 11.8 | -34.69 | 26.95 | -61.64 | 271 | 238 | V |
| 2 | 5.95585 | -68.34 | Pk | 35.1 | -13.9 | 11.8 | -35.34 | -27 | -8.34 | 271 | 238 | V |

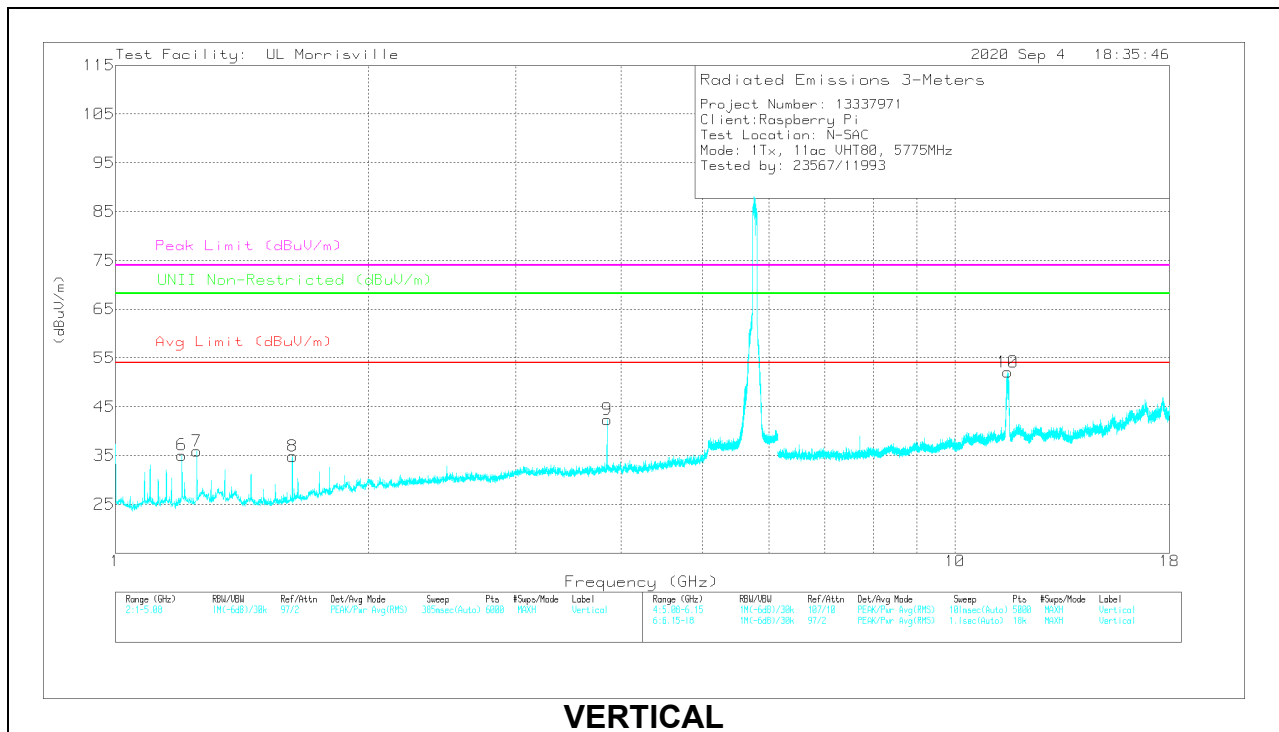
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

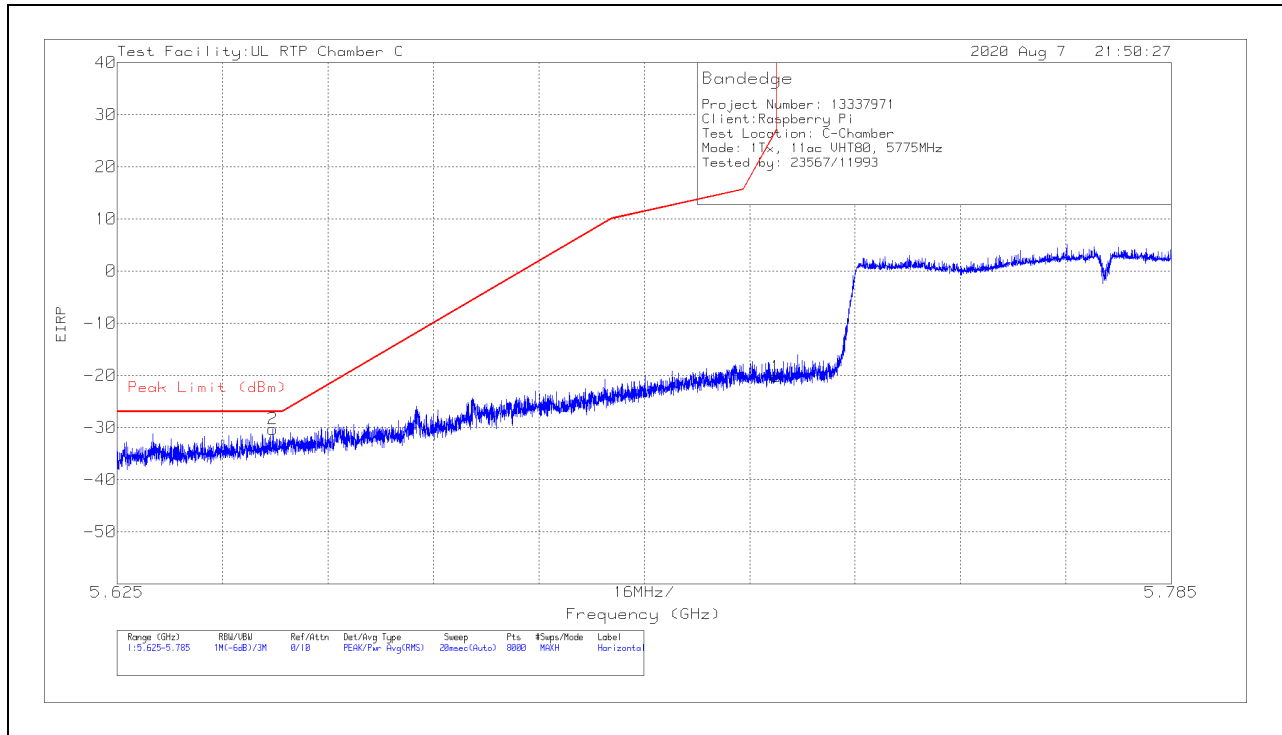
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0072 dB/(m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | *** 1.20001 | 50.23 | PK-U | 28.7 | -36.9 | 0 | 42.03 | - | - | 74 | -31.97 | - | - | 114 | 104 | H |
| | *** 1.20002 | 44.64 | ADV | 28.7 | -36.9 | .42 | 36.86 | 54 | -17.14 | - | - | - | - | 114 | 104 | H |
| 2 | * 1.25017 | 51.91 | PK-U | 29.1 | -36.6 | 0 | 44.41 | - | - | 74 | -29.59 | - | - | 324 | 102 | H |
| | * 1.25001 | 47.22 | ADV | 29.1 | -36.6 | .42 | 40.14 | 54 | -13.86 | - | - | - | - | 324 | 102 | H |
| 3 | *** 1.62478 | 48.73 | PK-U | 28.2 | -35.4 | 0 | 41.53 | - | - | 74 | -32.47 | - | - | 127 | 196 | H |
| | *** 1.62516 | 43.61 | ADV | 28.2 | -35.4 | .42 | 36.83 | 54 | -17.17 | - | - | - | - | 127 | 196 | H |
| 4 | *** 3.84998 | 48.33 | PK-U | 33.5 | -32.6 | 0 | 49.23 | - | - | 74 | -24.77 | - | - | 189 | 142 | H |
| | *** 3.85001 | 42.58 | ADV | 33.5 | -32.6 | .42 | 43.9 | 54 | -10.1 | - | - | - | - | 189 | 142 | H |
| 6 | *** 1.19993 | 49.39 | PK-U | 28.7 | -36.9 | 0 | 41.19 | - | - | 74 | -32.81 | - | - | 13 | 387 | V |
| | *** 1.20001 | 42.85 | ADV | 28.7 | -36.9 | .42 | 35.07 | 54 | -18.93 | - | - | - | - | 13 | 387 | V |
| 7 | * 1.25015 | 49.59 | PK-U | 29.1 | -36.6 | 0 | 42.09 | - | - | 74 | -31.91 | - | - | 281 | 173 | V |
| | * 1.25005 | 43.53 | ADV | 29.1 | -36.6 | .42 | 36.45 | 54 | -17.55 | - | - | - | - | 281 | 173 | V |
| 8 | *** 1.62478 | 48.37 | PK-U | 28.2 | -35.4 | 0 | 41.17 | - | - | 74 | -32.83 | - | - | 99 | 323 | V |
| | *** 1.62516 | 42.91 | ADV | 28.2 | -35.4 | .42 | 36.13 | 54 | -17.87 | - | - | - | - | 99 | 323 | V |
| 9 | *** 3.85001 | 47.72 | PK-U | 33.5 | -32.6 | 0 | 48.62 | - | - | 74 | -25.38 | - | - | 212 | 214 | V |
| | *** 3.85 | 41.92 | ADV | 33.5 | -32.6 | .42 | 43.24 | 54 | -10.76 | - | - | - | - | 212 | 214 | V |
| 5 | *** 11.56003 | 43.85 | PK-U | 38.2 | -26.3 | 0 | 55.75 | - | - | 74 | -18.25 | - | - | 195 | 221 | H |
| | *** 11.55722 | 30.98 | ADV | 38.2 | -26.2 | .42 | 43.4 | 54 | -10.6 | - | - | - | - | 195 | 221 | H |
| 10 | *** 11.55851 | 51.66 | PK-U | 38.2 | -26.2 | 0 | 63.66 | - | - | 74 | -10.34 | - | - | 190 | 321 | V |
| | *** 11.55913 | 38.68 | ADV | 38.2 | -26.3 | .42 | 51 | 54 | -3 | - | - | - | - | 190 | 321 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

1TX Antenna 2 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

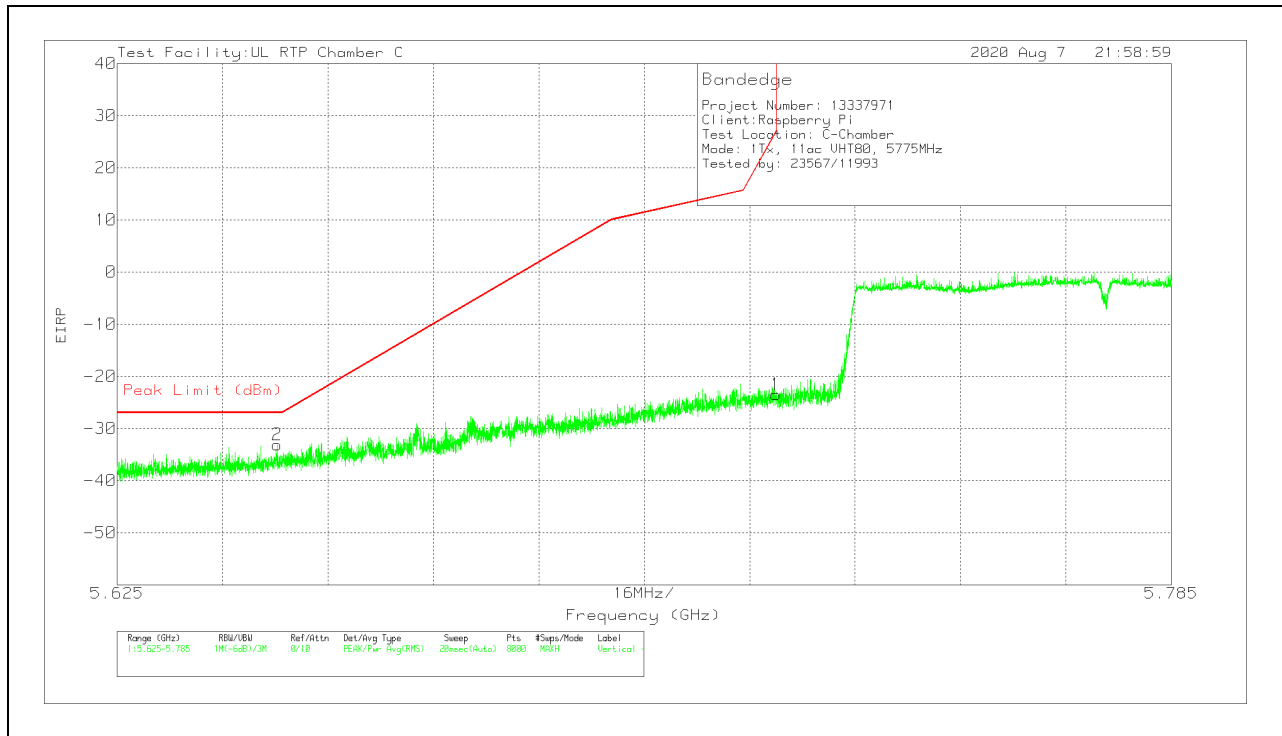
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.6486 | -61.81 | Pk | 34.6 | -14.9 | 11.8 | -30.31 | -27 | -3.31 | 144 | 298 | H |
| 1 | 5.725 | -51.86 | Pk | 34.6 | -14.8 | 11.8 | -20.26 | 26.99 | -47.25 | 144 | 298 | H |

Pk - Peak detector

VERTICAL RESULT

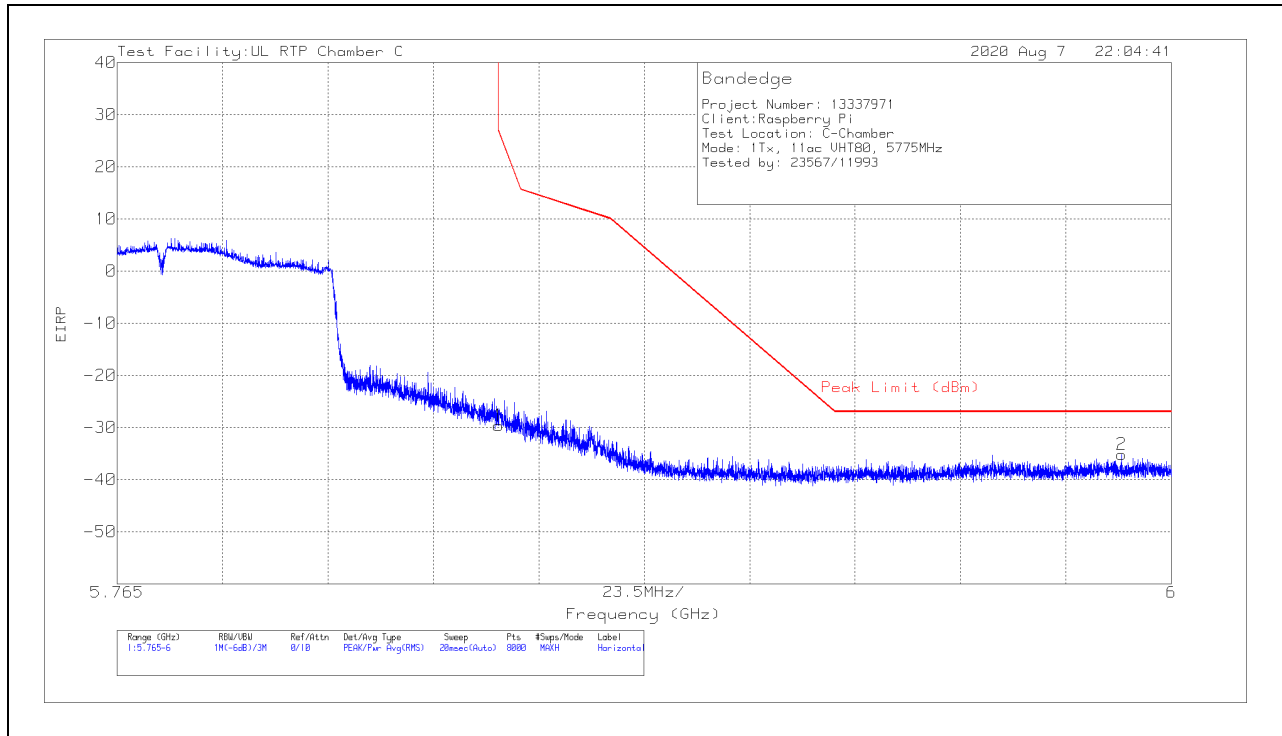


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 2 | 5.6493 | -64.71 | Pk | 34.6 | -14.8 | 11.8 | -33.11 | -27 | -6.11 | 295 | 295 | V |
| 1 | 5.725 | -55.07 | Pk | 34.6 | -14.8 | 11.8 | -23.47 | 26.99 | -50.46 | 295 | 295 | V |

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

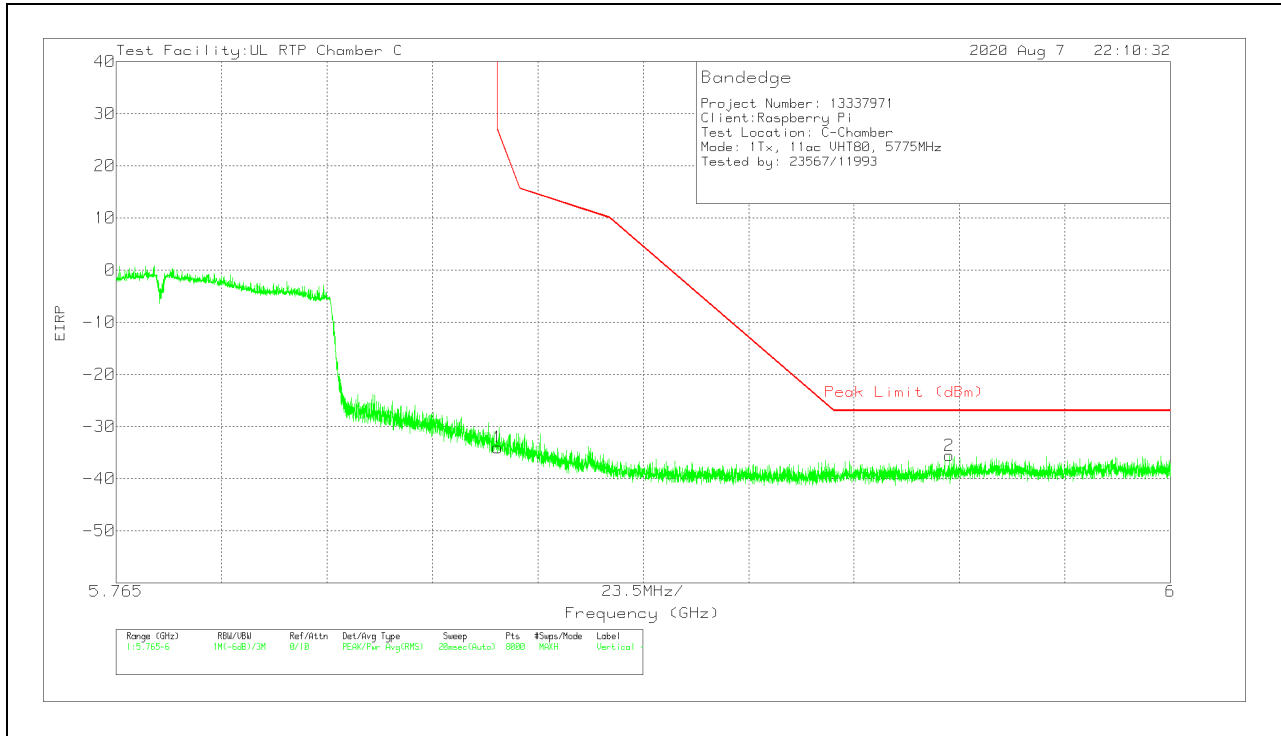
HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -62.03 | Pk | 34.9 | -14.3 | 11.8 | -29.63 | 26.95 | -56.58 | 125 | 291 | H |
| 2 | 5.98893 | -67.85 | Pk | 35.1 | -14.2 | 11.8 | -35.15 | -27 | -8.15 | 125 | 291 | H |

Pk - Peak detector

VERTICAL RESULT

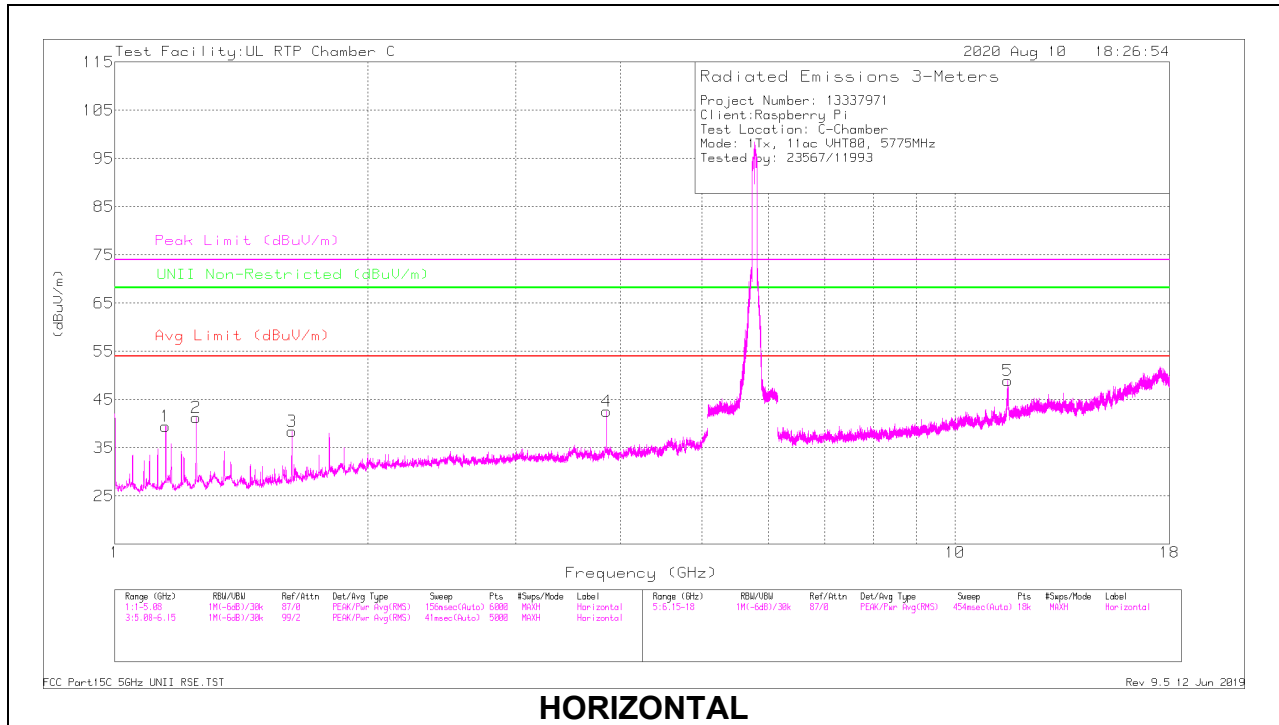


| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0062 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Conversion Factor (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|------------------------|------------------------|------------------------|------------------|----------------|----------------|-------------|----------|
| 1 | 5.85002 | -66.44 | Pk | 34.9 | -14.3 | 11.8 | -34.04 | 26.95 | -60.99 | 195 | 263 | V |
| 2 | 5.95073 | -68.37 | Pk | 35.1 | -14.1 | 11.8 | -35.57 | -27 | -8.57 | 195 | 263 | V |

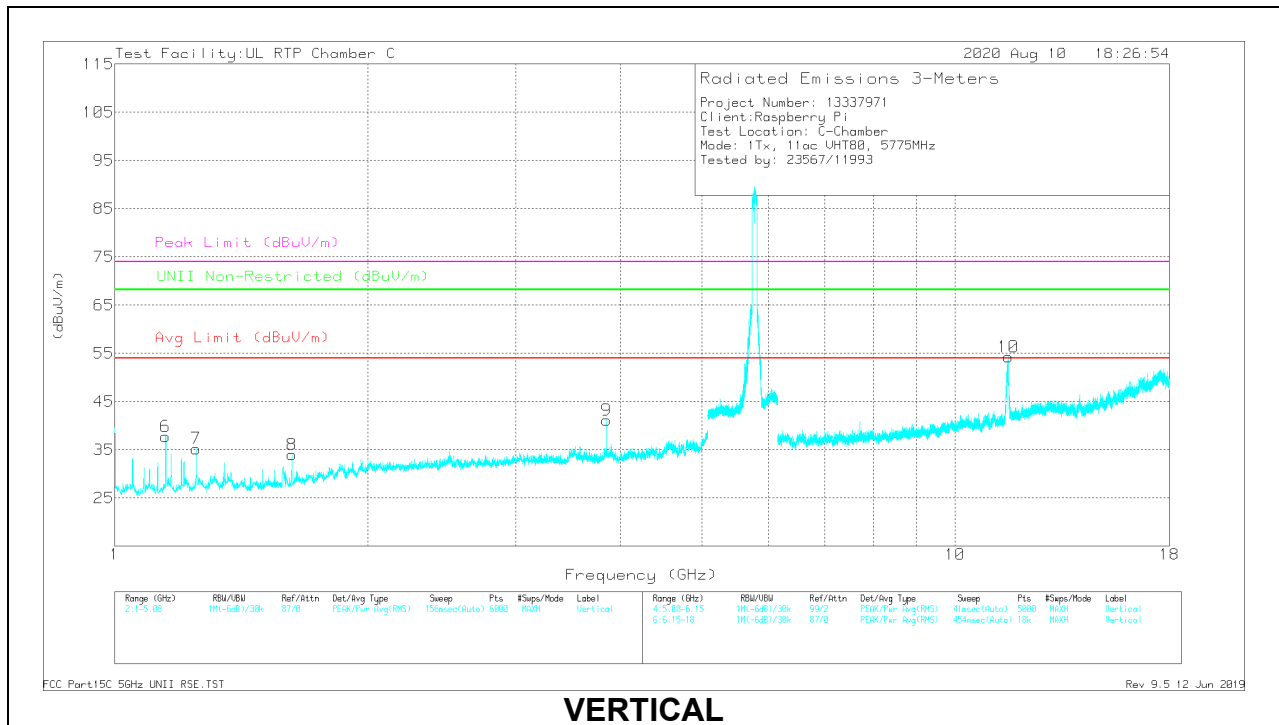
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0062 (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) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | *** 1.14997 | 69.75 | PK-U | 27.4 | -54.9 | 0 | 42.25 | - | - | 74 | -31.75 | - | - | 169 | 107 | H |
| | *** 1.15002 | 65.15 | ADV | 27.4 | -54.9 | .42 | 38.07 | 54 | -15.93 | - | - | - | - | 169 | 107 | H |
| 2 | * 1.24984 | 70.26 | PK-U | 28.6 | -55.3 | 0 | 43.56 | - | - | 74 | -30.44 | - | - | 89 | 187 | H |
| | * 1.25 | 65.93 | ADV | 28.6 | -55.3 | .42 | 39.65 | 54 | -14.35 | - | - | - | - | 89 | 187 | H |
| 3 | *** 1.62488 | 66.57 | PK-U | 28.5 | -54.1 | 0 | 40.97 | - | - | 74 | -33.03 | - | - | 289 | 213 | H |
| | *** 1.62488 | 60.3 | ADV | 28.5 | -54.1 | .42 | 35.12 | 54 | -18.88 | - | - | - | - | 289 | 213 | H |
| 4 | *** 3.84992 | 62.53 | PK-U | 33.5 | -49.4 | 0 | 46.63 | - | - | 74 | -27.37 | - | - | 182 | 102 | H |
| | *** 3.84996 | 55.99 | ADV | 33.5 | -49.4 | .42 | 40.51 | 54 | -13.49 | - | - | - | - | 182 | 102 | H |
| 6 | *** 1.15005 | 67.8 | PK-U | 27.4 | -54.9 | 0 | 40.3 | - | - | 74 | -33.7 | - | - | 329 | 103 | V |
| | *** 1.15007 | 62.83 | ADV | 27.4 | -54.9 | .42 | 35.75 | 54 | -18.25 | - | - | - | - | 329 | 103 | V |
| 7 | * 1.25036 | 66.09 | PK-U | 28.6 | -55.3 | 0 | 39.39 | - | - | 74 | -34.61 | - | - | 240 | 131 | V |
| | * 1.25005 | 60.28 | ADV | 28.6 | -55.3 | .42 | 34 | 54 | -20 | - | - | - | - | 240 | 131 | V |
| 8 | *** 1.62488 | 65.32 | PK-U | 28.5 | -54.1 | 0 | 39.72 | - | - | 74 | -34.28 | - | - | 242 | 339 | V |
| | *** 1.62488 | 59.32 | ADV | 28.5 | -54.1 | .42 | 34.14 | 54 | -19.86 | - | - | - | - | 242 | 339 | V |
| 9 | *** 3.84987 | 63.05 | PK-U | 33.5 | -49.4 | 0 | 47.15 | - | - | 74 | -26.85 | - | - | 360 | 269 | V |
| | *** 3.84994 | 56.96 | ADV | 33.5 | -49.4 | .42 | 41.48 | 54 | -12.52 | - | - | - | - | 360 | 269 | V |
| 5 | *** 11.56472 | 57.34 | PK-U | 38.3 | -41.7 | 0 | 53.94 | - | - | 74 | -20.06 | - | - | 332 | 226 | H |
| | *** 11.56369 | 44.04 | ADV | 38.3 | -41.8 | .42 | 40.96 | 54 | -13.04 | - | - | - | - | 332 | 226 | H |
| 10 | *** 11.56952 | 65.55 | PK-U | 38.3 | -41.6 | 0 | 62.25 | - | - | 74 | -11.75 | - | - | 325 | 375 | V |
| | *** 11.56852 | 51.93 | ADV | 38.3 | -41.6 | .42 | 49.05 | 54 | -4.95 | - | - | - | - | 325 | 375 | V |

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

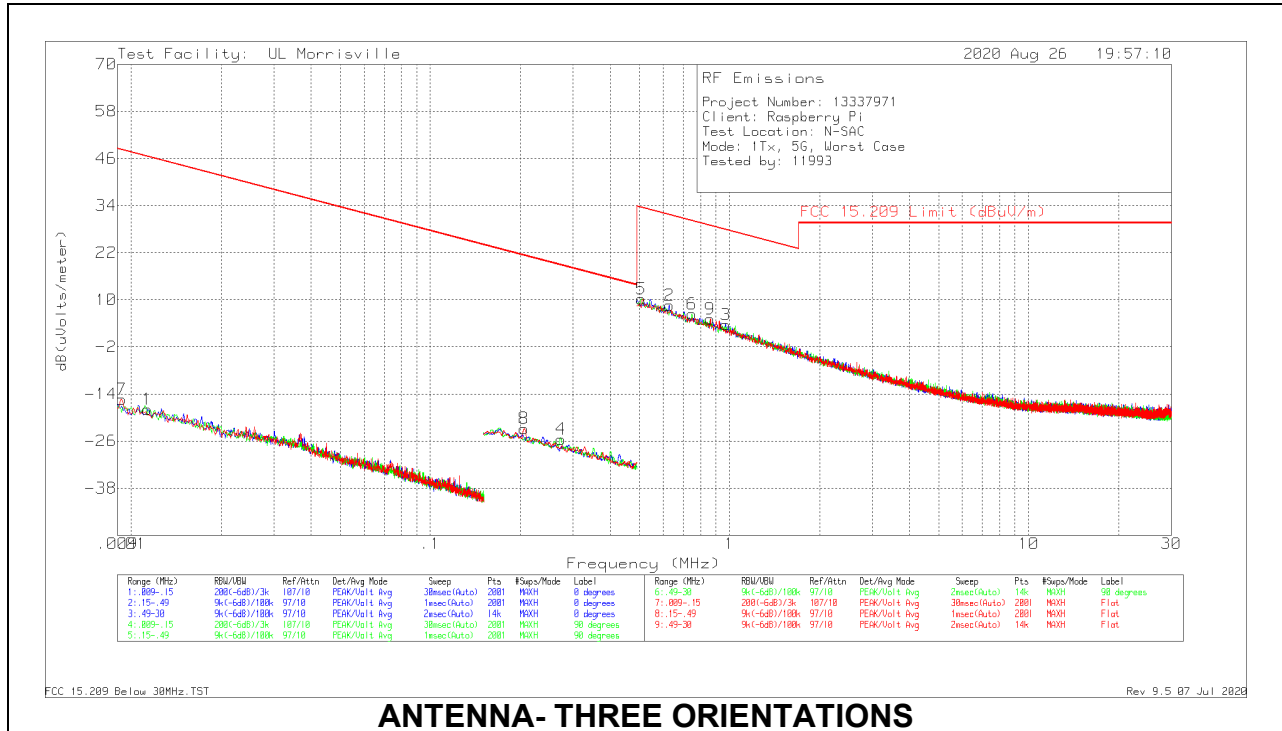
ADV - Linear Voltage Average

9.2. WORST CASE BELOW 30MHZ

Note for below 30 MHz scans: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were $40 \cdot \log(\text{test distance} / \text{specification distance})$.

The below 30 MHz limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω . For example, the measurement frequency 11.34 kHz resulted in a level of -17.88 dBuV/m, which is equivalent to $-17.88 - 51.5 = -69.38$ dBuA/m, which has the same margin, -64.39 dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION) – Antenna 1



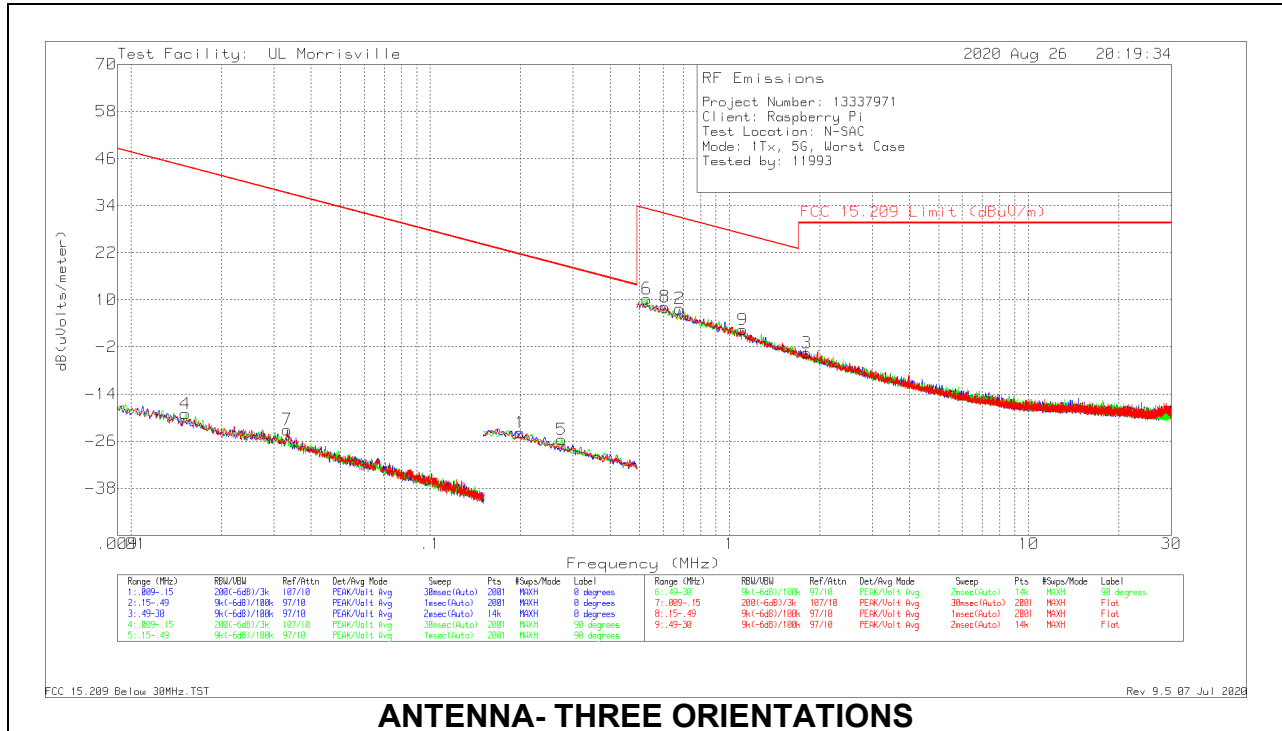
ANTENNA- THREE ORIENTATIONS

Below 30MHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AT0059 (dB/m) | Cbl (dB) | Dist. Corr. Factor (dB) | Corrected Reading dB(uVolts/meter) | FCC 15.209 Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Antenna Face |
|--------|-----------------|----------------------|-----|---------------|----------|-------------------------|------------------------------------|---------------------------|-------------|----------------|--------------|
| 1 | .01134 | 43.72 | Pk | 18.3 | .1 | -80 | -17.88 | 46.51 | -64.39 | 0-360 | On |
| 2 | .62913 | 37.95 | Pk | 10.4 | .2 | -40 | 8.55 | 31.63 | -23.08 | 0-360 | On |
| 3 | .97062 | 32.94 | Pk | 10.5 | .2 | -40 | 3.64 | 27.86 | -24.22 | 0-360 | On |
| 4 | .27393 | 44.19 | Pk | 10.2 | .1 | -80 | -25.51 | 18.85 | -44.36 | 0-360 | Off |
| 5 | .50686 | 39.61 | Pk | 10.4 | .2 | -40 | 10.21 | 33.51 | -23.3 | 0-360 | Off |
| 6 | .74928 | 35.9 | Pk | 10.3 | .2 | -40 | 6.4 | 30.11 | -23.71 | 0-360 | Off |
| 7 | .00928 | 44.96 | Pk | 19.6 | .1 | -80 | -15.34 | 48.25 | -63.59 | 0-360 | Flat |
| 8 | .20602 | 46.78 | Pk | 10.3 | .1 | -80 | -22.82 | 21.33 | -44.15 | 0-360 | Flat |
| 9 | .86312 | 34.5 | Pk | 10.4 | .2 | -40 | 5.1 | 28.88 | -23.78 | 0-360 | Flat |

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION) – Antenna 2



ANTENNA- THREE ORIENTATIONS

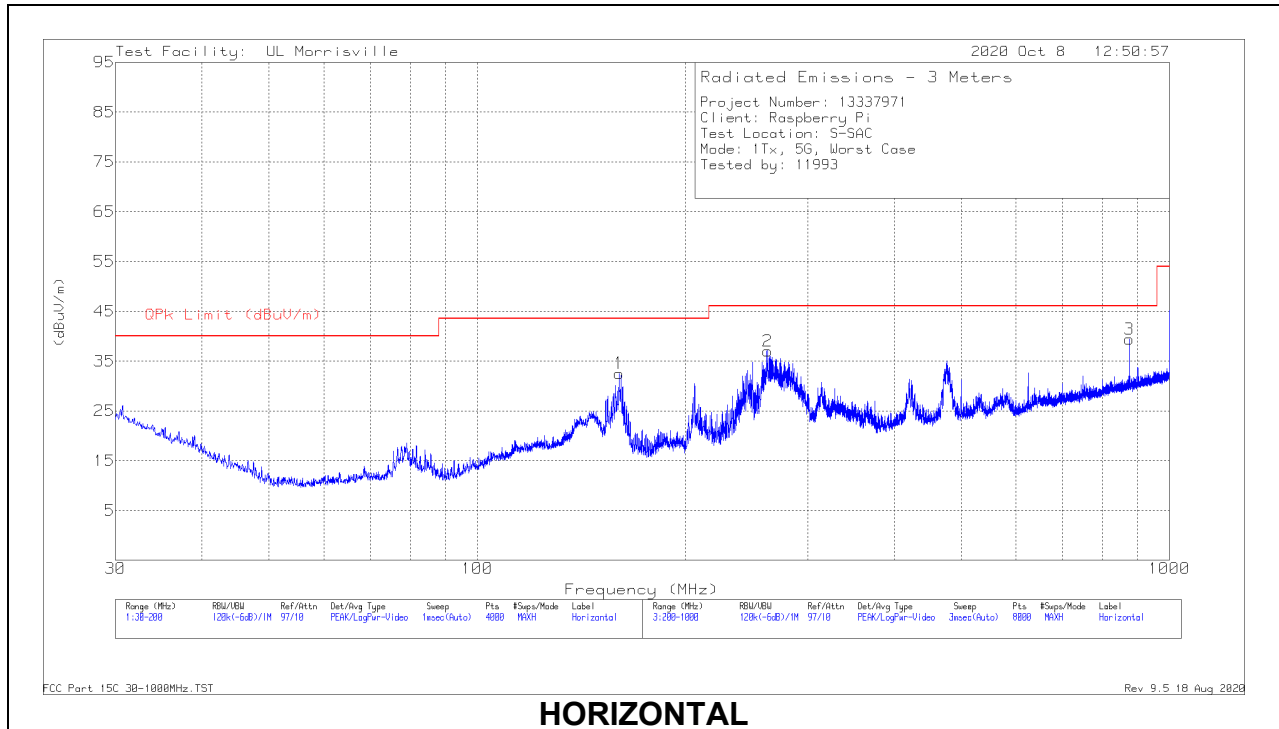
Below 30MHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AT0059 (dB/m) | Cbl (dB) | Dist. Corr. Factor (dB) | Corrected Reading dB(uVolts/meter) | FCC 15.209 Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Antenna Face |
|--------|-----------------|----------------------|-----|---------------|----------|-------------------------|------------------------------------|---------------------------|-------------|----------------|--------------|
| 1 | .20007 | 45.74 | Pk | 10.3 | .1 | -80 | -23.86 | 21.58 | -45.44 | 0-360 | On |
| 2 | .68183 | 37.23 | Pk | 10.3 | .2 | -40 | 7.73 | 30.93 | -23.2 | 0-360 | On |
| 3 | 1.81277 | 25.55 | Pk | 10.6 | .3 | -40 | -3.55 | 29.54 | -33.09 | 0-360 | On |
| 4 | .01518 | 44.47 | Pk | 16.4 | .1 | -80 | -19.03 | 43.98 | -63.01 | 0-360 | Off |
| 5 | .27461 | 44.1 | Pk | 10.2 | .1 | -80 | -25.6 | 18.83 | -44.43 | 0-360 | Off |
| 6 | .53005 | 39.64 | Pk | 10.4 | .2 | -40 | 10.24 | 33.12 | -22.88 | 0-360 | Off |
| 7 | .03328 | 43.79 | Pk | 13 | .1 | -80 | -23.11 | 37.16 | -60.27 | 0-360 | Flat |
| 8 | .60805 | 37.59 | Pk | 10.4 | .2 | -40 | 8.19 | 31.93 | -23.74 | 0-360 | Flat |
| 9 | 1.10554 | 31.57 | Pk | 10.6 | .2 | -40 | 2.37 | 26.73 | -24.36 | 0-360 | Flat |

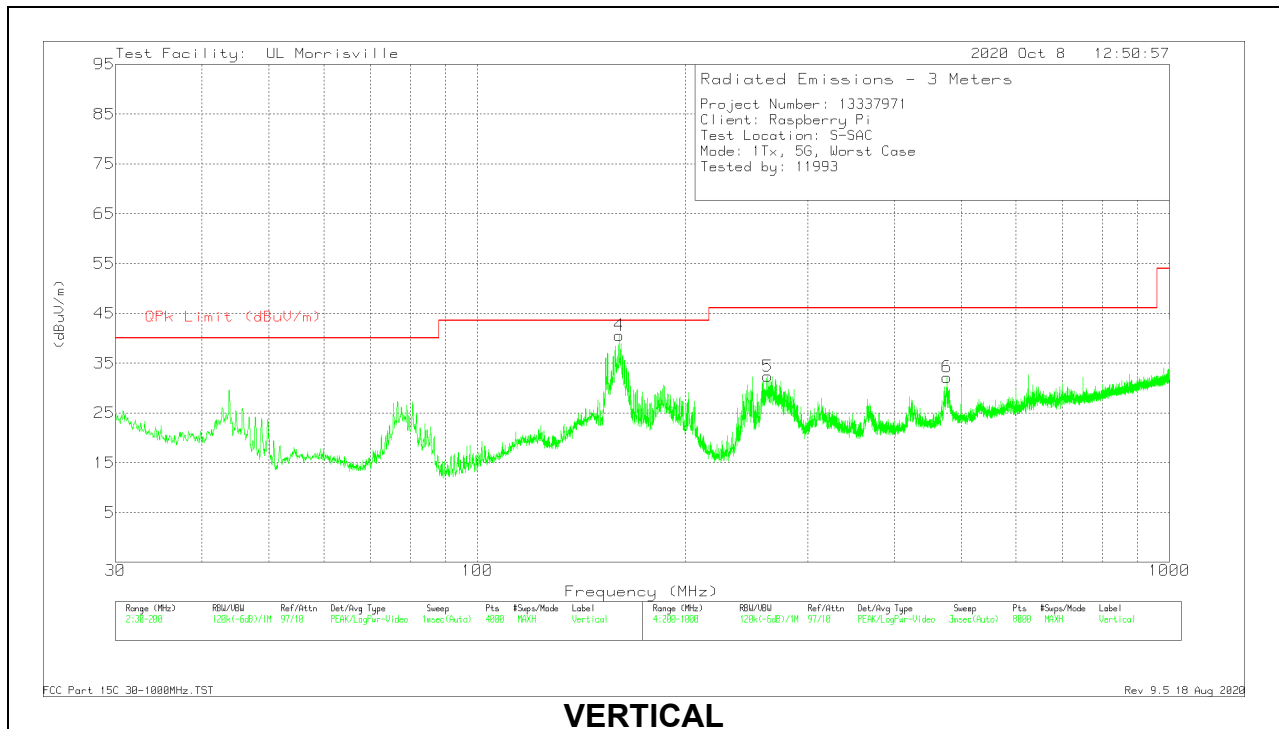
Pk - Peak detector

9.3. WORST CASE BELOW 1 GHZ

Antenna 1



HORIZONTAL



VERTICAL

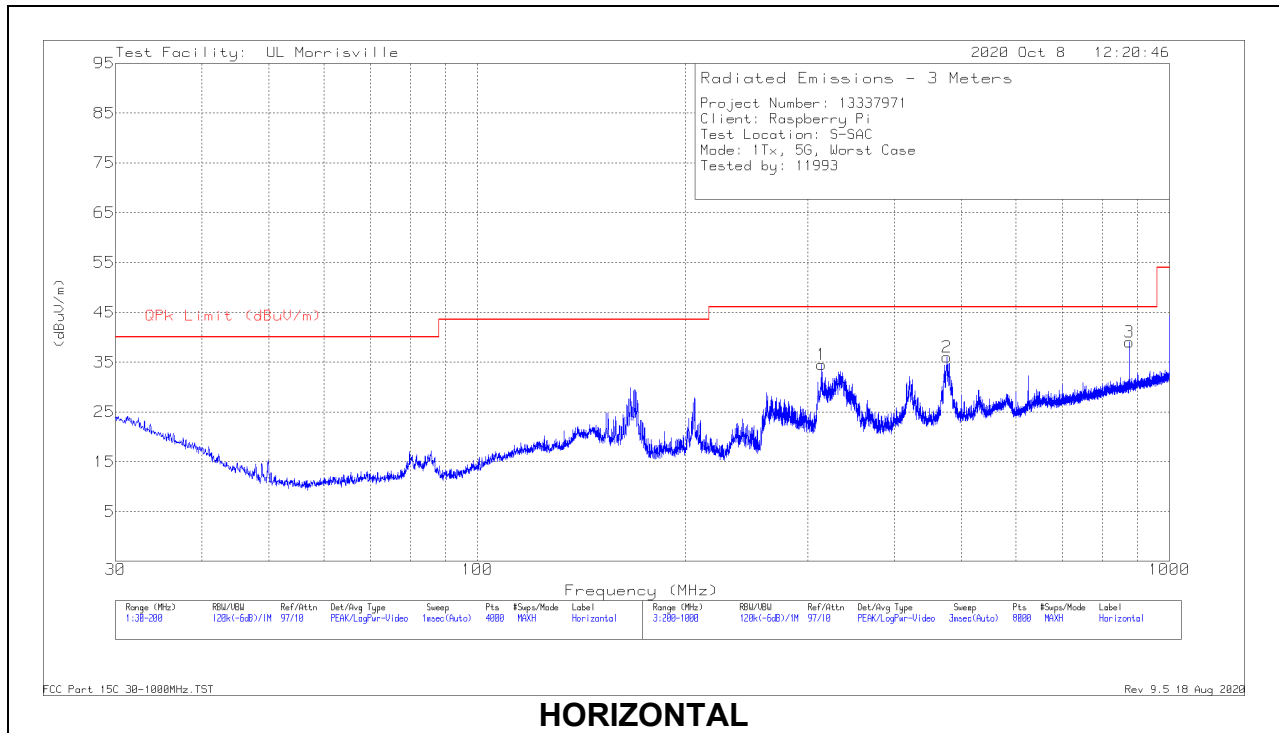
Below 1GHz DATA

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AT0081 AF (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 4 | 160.1479 | 49.19 | Qp | 18.4 | -29.9 | 37.69 | 43.52 | -5.83 | 276 | 106 | V |
| 1 | 160.3387 | 44.05 | Pk | 18.4 | -29.9 | 32.55 | 43.52 | -10.97 | 0-360 | 200 | H |
| 2 | 262.7082 | 47.4 | Pk | 18.6 | -29 | 37 | 46.02 | -9.02 | 0-360 | 101 | H |
| 5 | 262.7082 | 42.78 | Pk | 18.6 | -29 | 32.38 | 46.02 | -13.64 | 0-360 | 200 | V |
| 6 | 476.736 | 36.48 | Pk | 23.7 | -28 | 32.18 | 46.02 | -13.84 | 0-360 | 200 | V |
| 3 | 874.9877 | 37.42 | Pk | 28 | -26 | 39.42 | 46.02 | -6.6 | 0-360 | 101 | H |

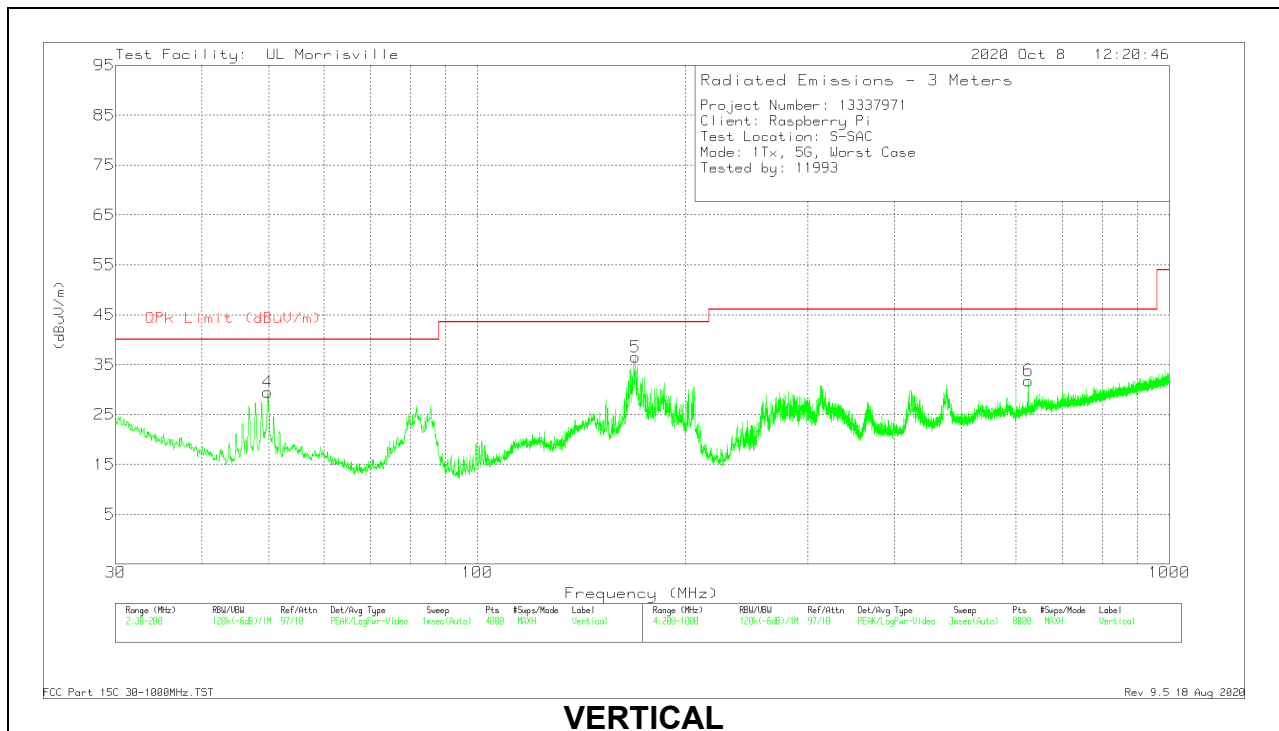
Pk - Peak detector

Qp - Quasi-Peak detector

Antenna 2



HORIZONTAL



VERTICAL

Below 1GHz DATA

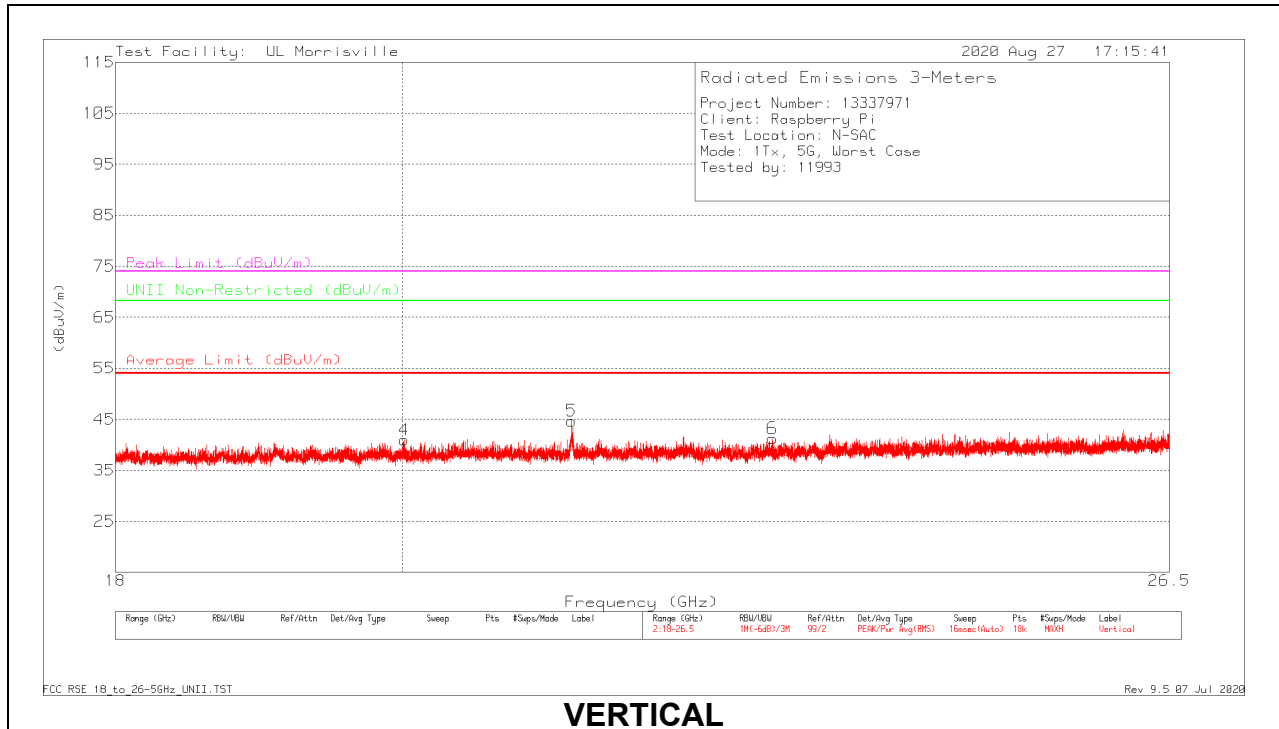
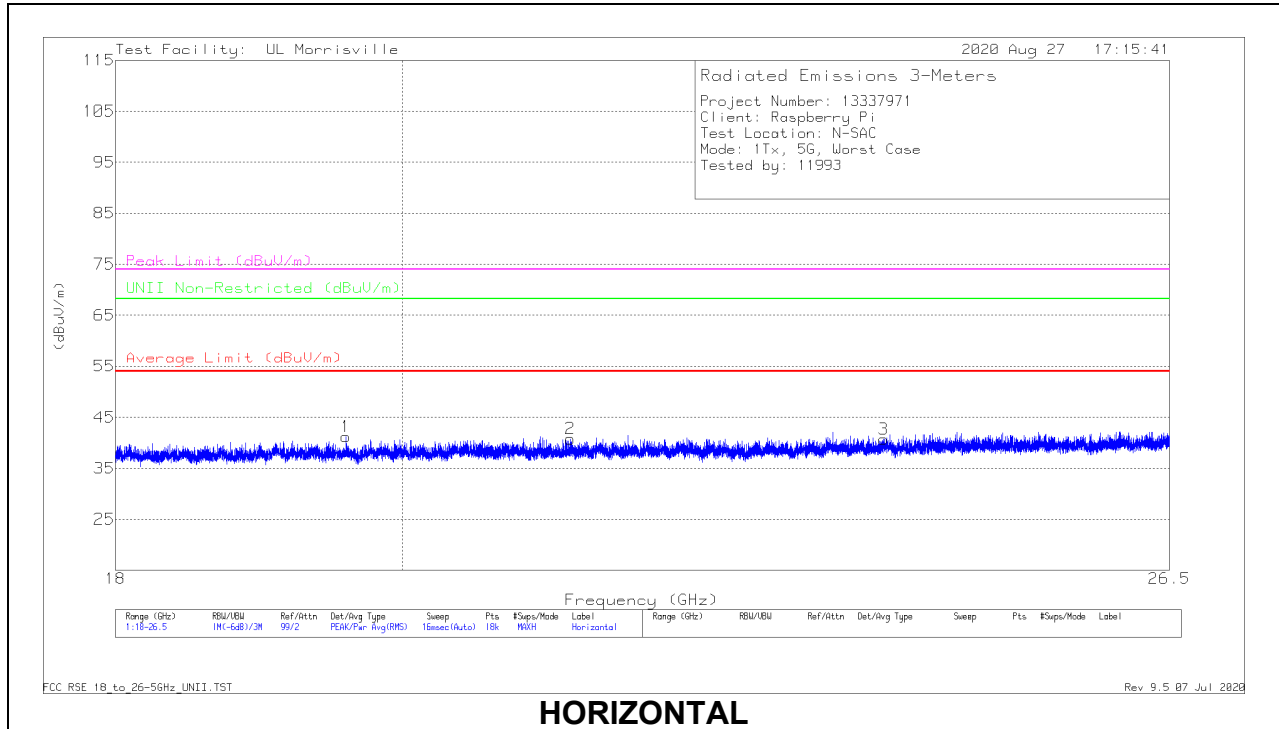
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AT0081 AF (dB/m) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 4 | 49.7676 | 46.36 | Pk | 14.3 | -31.2 | 29.46 | 40 | -10.54 | 0-360 | 101 | V |
| 5 | 169.2235 | 48.54 | Pk | 17.9 | -29.9 | 36.54 | 43.52 | -6.98 | 0-360 | 101 | V |
| 1 | 314.6149 | 43.28 | Pk | 19.9 | -28.7 | 34.48 | 46.02 | -11.54 | 0-360 | 101 | H |
| 2 | 476.836 | 40.32 | Pk | 23.7 | -28 | 36.02 | 46.02 | -10 | 0-360 | 101 | H |
| 6 | 625.0553 | 33.59 | Pk | 25.4 | -27.2 | 31.79 | 46.02 | -14.23 | 0-360 | 101 | V |
| 3 | 874.9877 | 37.01 | Pk | 28 | -26 | 39.01 | 46.02 | -7.01 | 0-360 | 101 | H |

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. WORST CASE 18-26 GHZ

Antenna 1



18 – 26GHz DATA

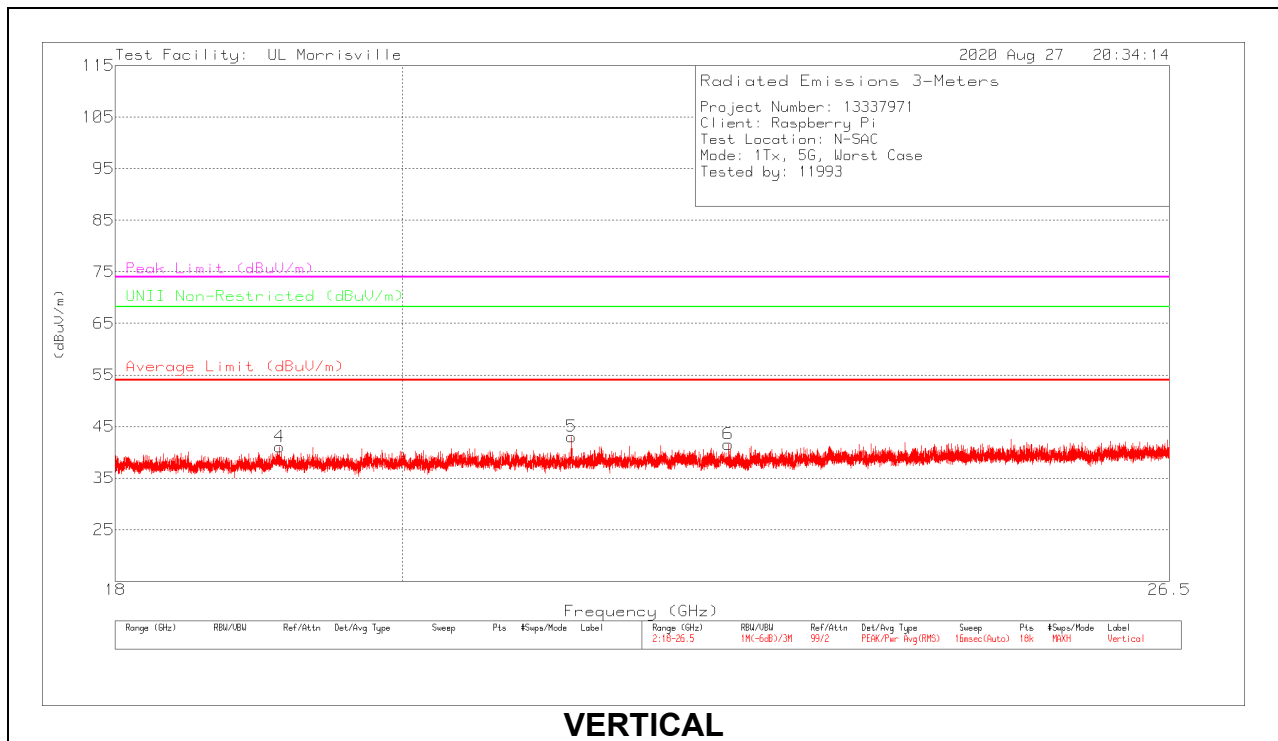
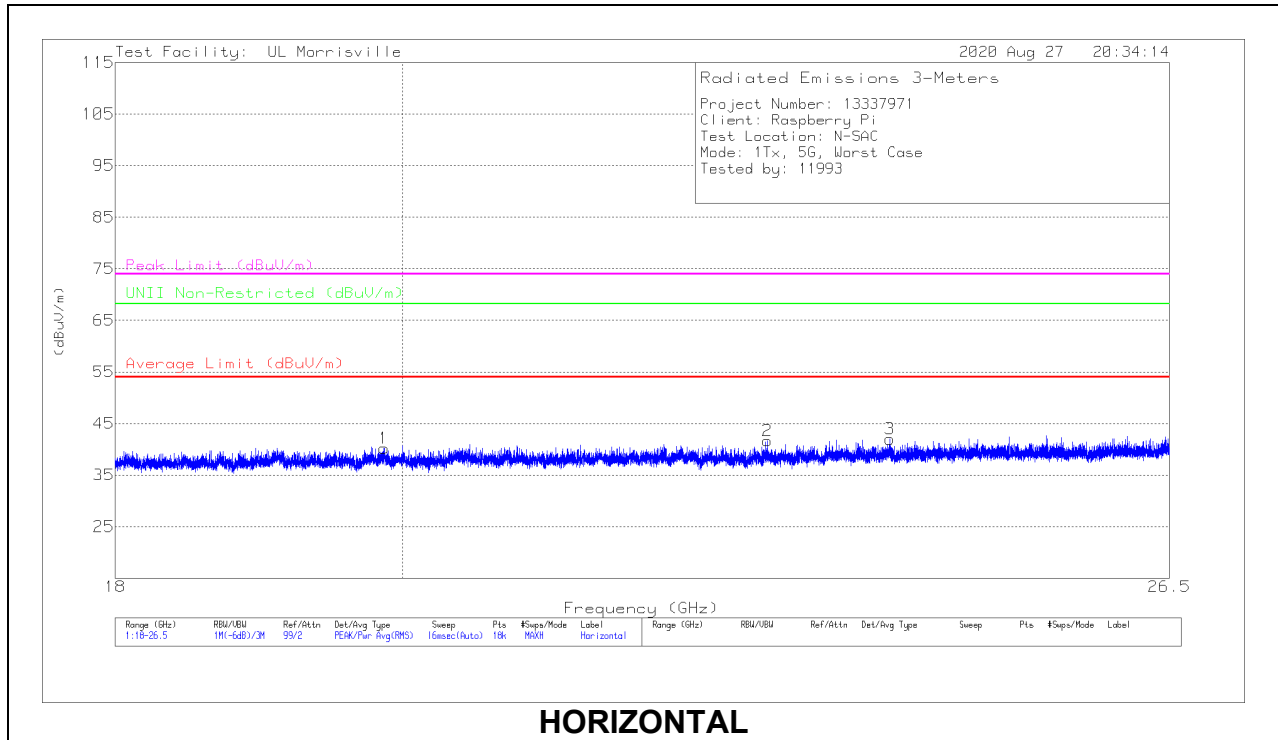
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0076 AF (dB/m) | Amp/CBL (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|-------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | *** 19.5877 | 48.79 | Pk | 32.8 | -40.4 | 41.19 | 54 | -12.81 | 74 | -32.81 | - | - | 0-360 | 250 | H |
| 2 | *** 21.2689 | 48.48 | Pk | 33.2 | -40.9 | 40.78 | 54 | -13.22 | 74 | -33.22 | - | - | 0-360 | 250 | H |
| 3 | *** 23.8606 | 47.2 | Pk | 34.1 | -40.6 | 40.7 | 54 | -13.3 | 74 | -33.3 | - | - | 0-360 | 200 | H |
| 4 | *** 20.01414 | 48.74 | Pk | 32.9 | -40.7 | 40.94 | 54 | -13.06 | 74 | -33.06 | - | - | 0-360 | 250 | V |
| 5 | *** 21.27976 | 52.2 | Pk | 33.2 | -40.7 | 44.7 | 54 | -9.3 | 74 | -29.3 | - | - | 0-360 | 300 | V |
| 6 | *** 22.90713 | 48.44 | Pk | 33.8 | -41 | 41.24 | 54 | -12.76 | 74 | -32.76 | - | - | 0-360 | 101 | V |

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

Antenna 2



18 – 26GHz DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0076 AF (dB/m) | Amp/CBL (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|--------------|----------------------------|------------------------|-------------|---------------------|-------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | * ** 19.86632 | 48.19 | Pk | 32.8 | -40.8 | 40.19 | 54 | -13.81 | 74 | -33.81 | - | - | 0-360 | 150 | H |
| 2 | * ** 22.86604 | 48.63 | Pk | 33.7 | -40.7 | 41.63 | 54 | -12.37 | 74 | -32.37 | - | - | 0-360 | 150 | H |
| 3 | * ** 23.91821 | 48.19 | Pk | 34.1 | -40.3 | 41.99 | 54 | -12.01 | 74 | -32.01 | - | - | 0-360 | 300 | H |
| 4 | * ** 19.12064 | 48.99 | Pk | 32.9 | -40.8 | 41.09 | 54 | -12.91 | 74 | -32.91 | - | - | 0-360 | 200 | V |
| 5 | * ** 21.27929 | 50.56 | Pk | 33.2 | -40.7 | 43.06 | 54 | -10.94 | 74 | -30.94 | - | - | 0-360 | 250 | V |
| 6 | * ** 22.54019 | 49.09 | Pk | 33.6 | -41.1 | 41.59 | 54 | -12.41 | 74 | -32.41 | - | - | 0-360 | 101 | V |

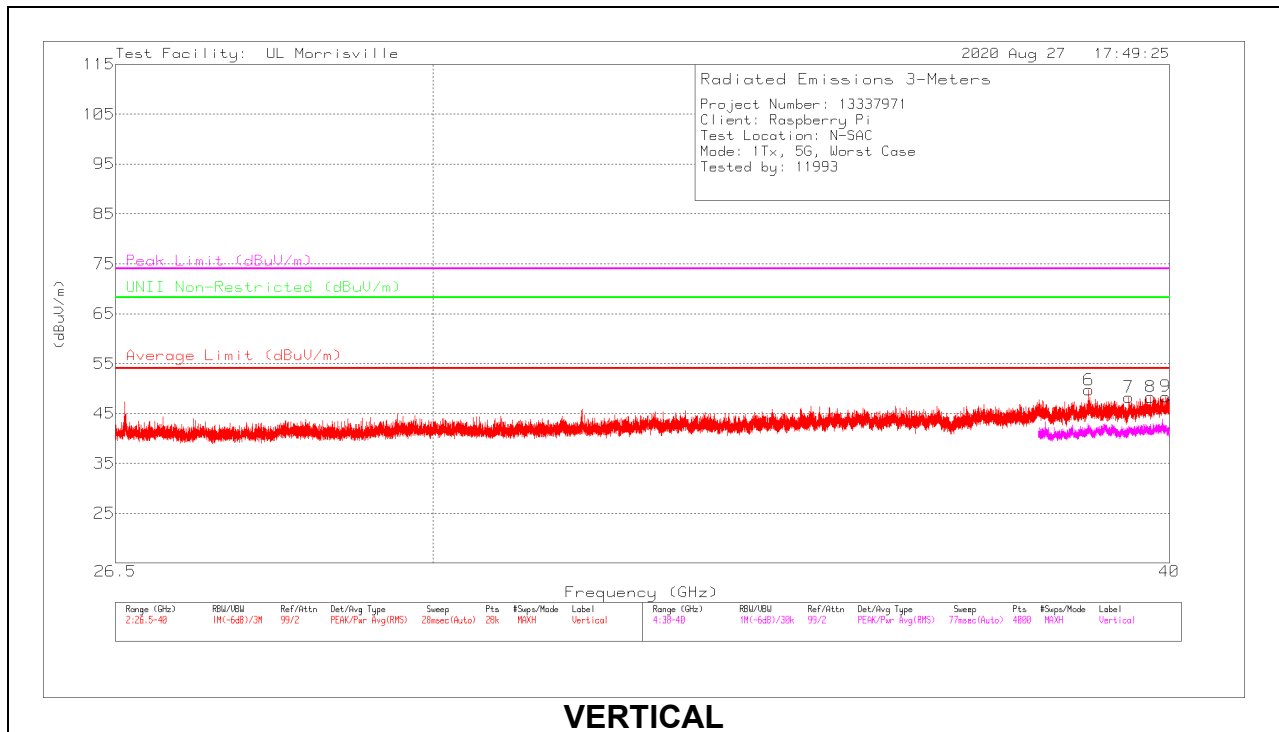
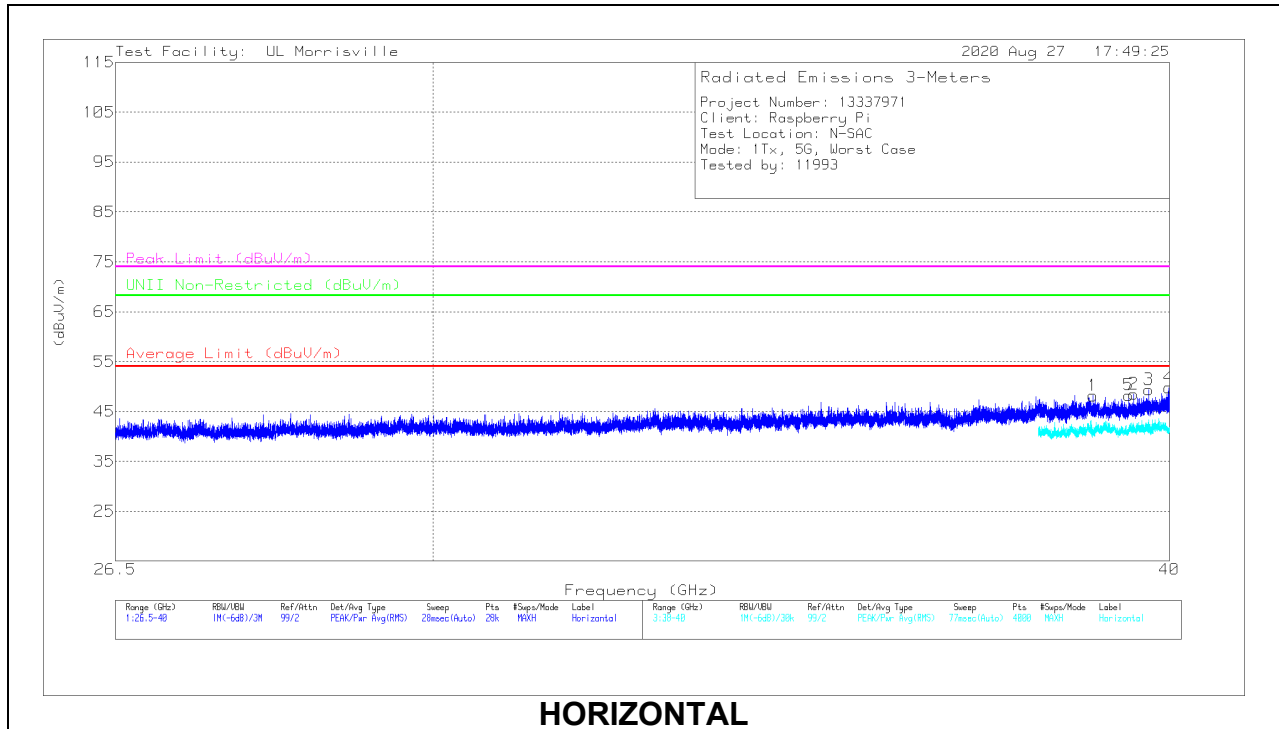
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

9.5. WORST CASE 26-40 GHZ

Antenna 1

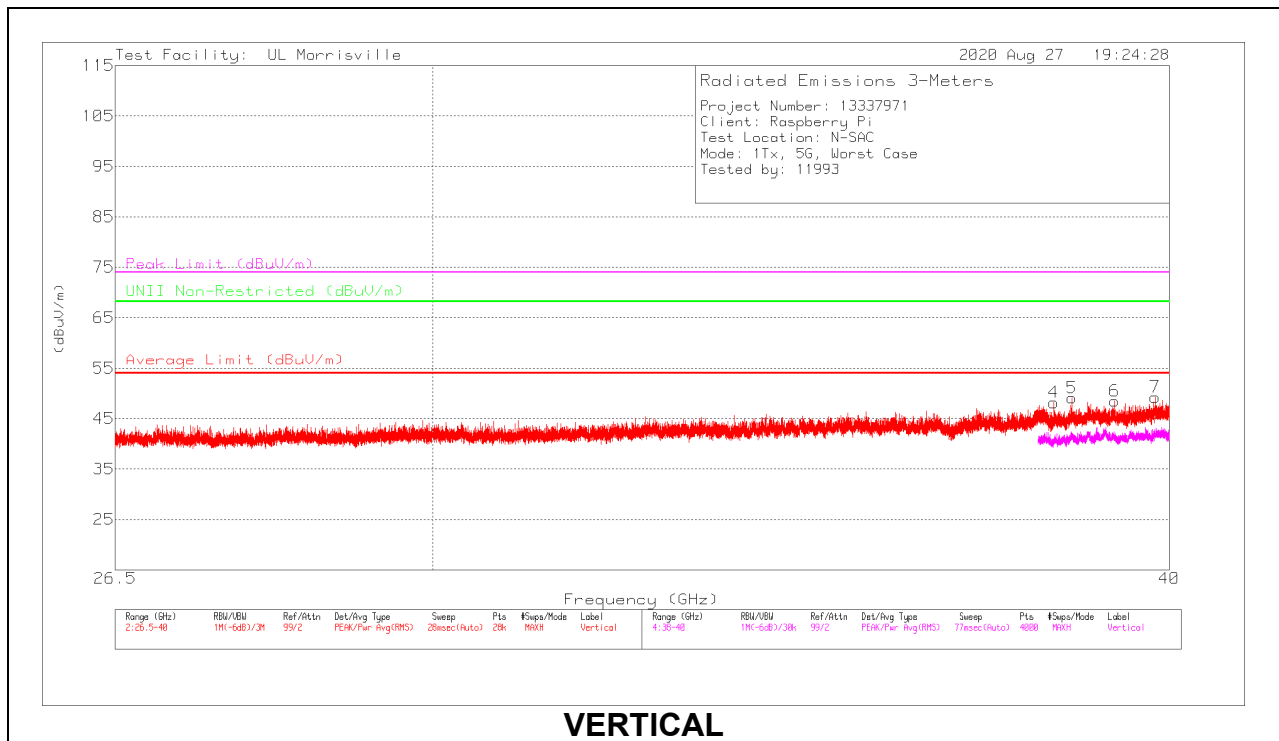
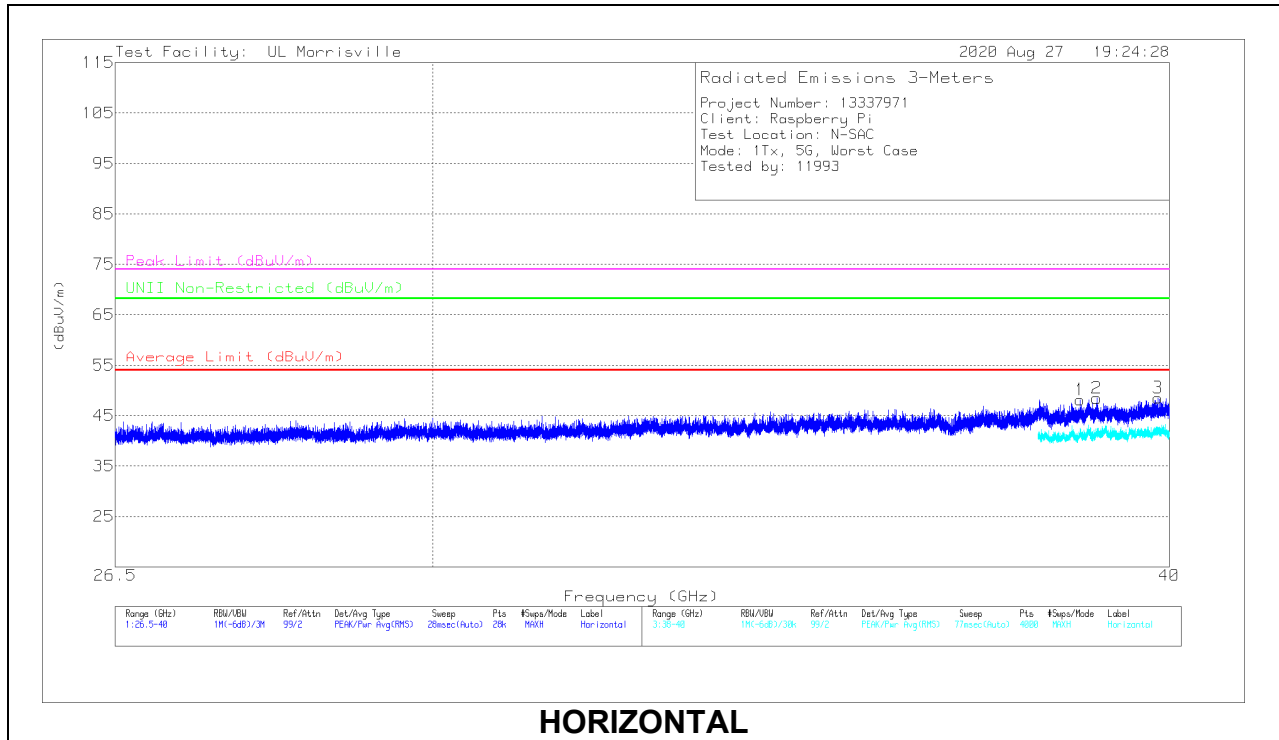


26 – 40GHz DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0077 AF (dB/m) | Amp/CBL (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|-------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | *** 38.82198 | 46.91 | PK-U | 38.5 | -36.5 | 48.91 | - | - | 74 | -25.09 | - | - | 327 | 327 | H |
| | *** 38.82194 | 33.02 | ADV | 38.5 | -36.6 | 34.92 | 54 | -19.08 | - | - | - | - | 327 | 327 | H |
| 2 | *** 39.44041 | 45.84 | PK-U | 38.5 | -35.7 | 48.64 | - | - | 74 | -25.36 | - | - | 235 | 374 | H |
| | *** 39.44035 | 32.4 | ADV | 38.5 | -35.7 | 35.2 | 54 | -18.8 | - | - | - | - | 235 | 374 | H |
| 3 | *** 39.67602 | 45.73 | PK-U | 38.5 | -35.4 | 48.83 | - | - | 74 | -25.17 | - | - | 119 | 332 | H |
| | *** 39.67588 | 32.1 | ADV | 38.5 | -35.4 | 35.2 | 54 | -18.8 | - | - | - | - | 119 | 332 | H |
| 4 | *** 39.98826 | 45.18 | PK-U | 38.9 | -35.4 | 48.68 | - | - | 74 | -25.32 | - | - | 306 | 269 | H |
| | *** 39.98808 | 31.35 | ADV | 38.9 | -35.4 | 34.85 | 54 | -19.15 | - | - | - | - | 306 | 269 | H |
| 5 | *** 39.36845 | 46.6 | PK-U | 38.6 | -36.2 | 49 | - | - | 74 | -25 | - | - | 328 | 385 | H |
| | *** 39.3684 | 32.71 | ADV | 38.6 | -36.2 | 35.11 | 54 | -18.89 | - | - | - | - | 328 | 385 | H |
| 6 | *** 38.76242 | 47.23 | PK-U | 38.5 | -36.2 | 49.53 | - | - | 74 | -24.47 | - | - | 53 | 397 | V |
| | *** 38.76222 | 33.34 | ADV | 38.5 | -36.2 | 35.64 | 54 | -18.36 | - | - | - | - | 53 | 397 | V |
| 7 | *** 39.36871 | 46.1 | PK-U | 38.6 | -36.1 | 48.6 | - | - | 74 | -25.4 | - | - | 299 | 200 | V |
| | *** 39.36858 | 32.84 | ADV | 38.6 | -36.1 | 35.34 | 54 | -18.66 | - | - | - | - | 299 | 200 | V |
| 8 | *** 39.71245 | 45.94 | PK-U | 38.5 | -35.5 | 48.94 | - | - | 74 | -25.06 | - | - | 291 | 227 | V |
| | *** 39.71234 | 32.21 | ADV | 38.5 | -35.5 | 35.21 | 54 | -18.79 | - | - | - | - | 291 | 227 | V |
| 9 | *** 39.93851 | 46.02 | PK-U | 38.7 | -35 | 49.72 | - | - | 74 | -24.28 | - | - | 47 | 304 | V |
| | *** 39.93842 | 31.9 | ADV | 38.7 | -35 | 35.6 | 54 | -18.4 | - | - | - | - | 47 | 304 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

Antenna 2



26 – 40GHz DATA

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AT0077 AF (dB/m) | Amp/CBL (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|-------------|------------------------------|----------------|----------------|-------------|----------|
| 1 | * ** 38.63038 | 46.4 | PK-U | 38.5 | -36.3 | 48.6 | - | - | 74 | -25.4 | - | - | 23 | 315 | H |
| | * ** 38.63027 | 33.28 | ADV | 38.5 | -36.3 | 35.48 | 54 | -18.52 | - | - | - | - | 23 | 315 | H |
| 2 | * ** 38.88016 | 46.66 | PK-U | 38.6 | -36.3 | 48.96 | - | - | 74 | -25.04 | - | - | 199 | 356 | H |
| | * ** 38.87981 | 33.56 | ADV | 38.6 | -36.3 | 35.86 | 54 | -18.14 | - | - | - | - | 199 | 356 | H |
| 3 | * ** 39.82293 | 45.85 | PK-U | 38.7 | -35.3 | 49.25 | - | - | 74 | -24.75 | - | - | 333 | 379 | H |
| | * ** 39.82277 | 31.86 | ADV | 38.7 | -35.3 | 35.26 | 54 | -18.74 | - | - | - | - | 333 | 379 | H |
| 6 | * ** 39.15162 | 45.54 | PK-U | 38.5 | -35.9 | 48.14 | - | - | 74 | -25.86 | - | - | 147 | 139 | V |
| | * ** 39.15129 | 32.24 | ADV | 38.5 | -35.9 | 34.84 | 54 | -19.16 | - | - | - | - | 147 | 139 | V |
| 7 | * ** 39.78079 | 45.95 | PK-U | 38.7 | -35.5 | 49.15 | - | - | 74 | -24.85 | - | - | 75 | 375 | V |
| | * ** 39.78063 | 32.3 | ADV | 38.7 | -35.5 | 35.5 | 54 | -18.5 | - | - | - | - | 75 | 375 | V |
| 4 | 38.23884 | 47.09 | PK-U | 38.2 | -36.7 | 48.59 | - | - | - | - | 68.2 | -19.61 | 257 | 359 | V |
| 5 | 38.50899 | 46.53 | PK-U | 38.6 | -36.5 | 48.63 | - | - | - | - | 68.2 | -19.57 | 141 | 314 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

| 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.

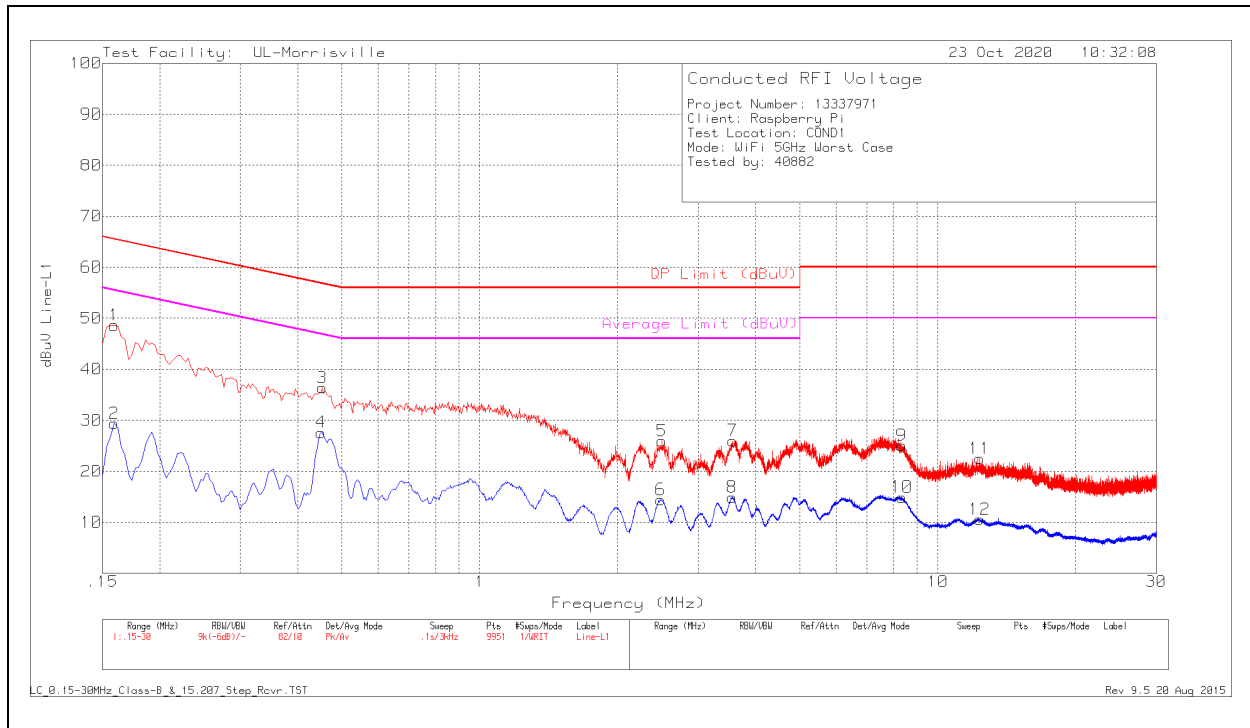
TEST PROCEDURE

ANSI C63.10

RESULTS

10.1. ANTENNA 1

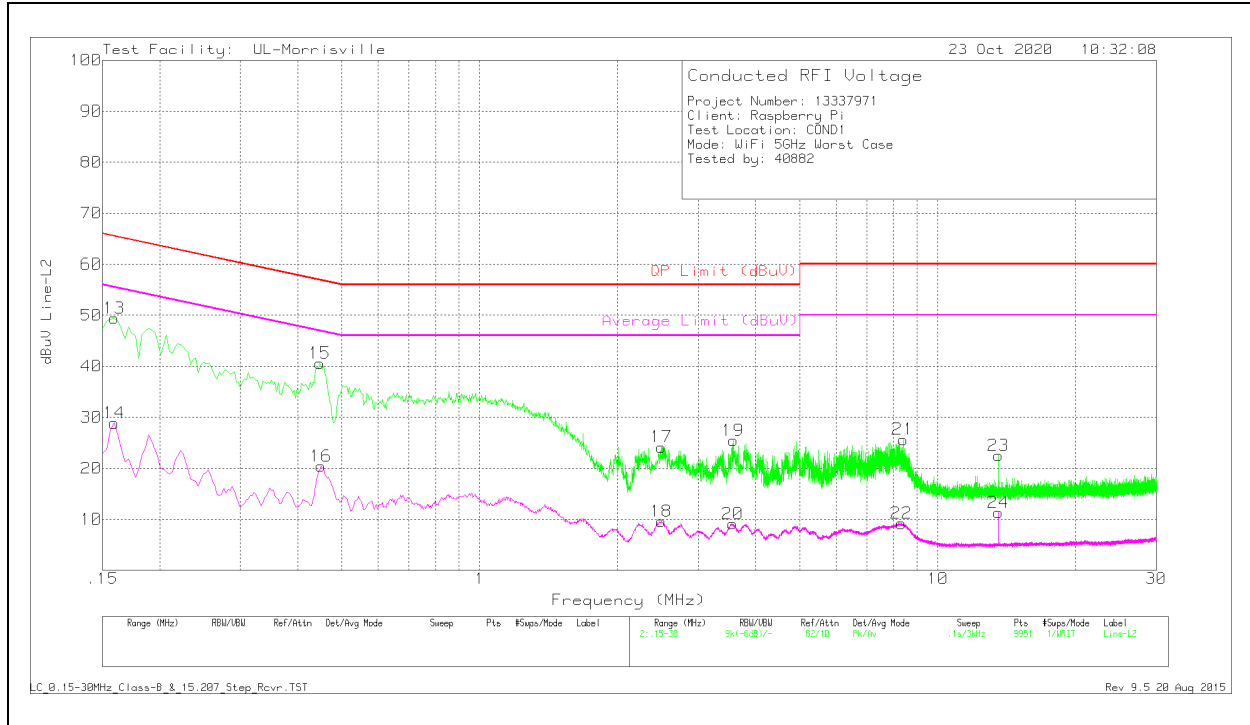
LINE 1 RESULTS



| Range 1: Line-L1 .15 - 30MHz | | | | | | | | | | |
|------------------------------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VCF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
| 1 | .159 | 38.74 | Pk | .2 | 9.7 | 48.64 | 65.52 | -16.88 | - | - |
| 2 | .159 | 19.47 | Av | .2 | 9.7 | 29.37 | - | - | 55.52 | -26.15 |
| 3 | .453 | 26.52 | Pk | .1 | 9.8 | 36.42 | 56.82 | -20.4 | - | - |
| 4 | .45 | 17.72 | Av | .1 | 9.8 | 27.62 | - | - | 46.88 | -19.26 |
| 5 | 2.499 | 16.15 | Pk | 0 | 9.8 | 25.95 | 56 | -30.05 | - | - |
| 6 | 2.484 | 4.64 | Av | 0 | 9.8 | 14.44 | - | - | 46 | -31.56 |
| 7 | 3.564 | 16.22 | Pk | 0 | 9.8 | 26.02 | 56 | -29.98 | - | - |
| 8 | 3.558 | 5.13 | Av | 0 | 9.8 | 14.93 | - | - | 46 | -31.07 |
| 9 | 8.334 | 15 | Pk | .1 | 10 | 25.1 | 60 | -34.9 | - | - |
| 10 | 8.343 | 4.84 | Av | .1 | 10 | 14.94 | - | - | 50 | -35.06 |
| 11 | 12.345 | 12.38 | Pk | .1 | 10 | 22.48 | 60 | -37.52 | - | - |
| 12 | 12.348 | .49 | Av | .1 | 10 | 10.59 | - | - | 50 | -39.41 |

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

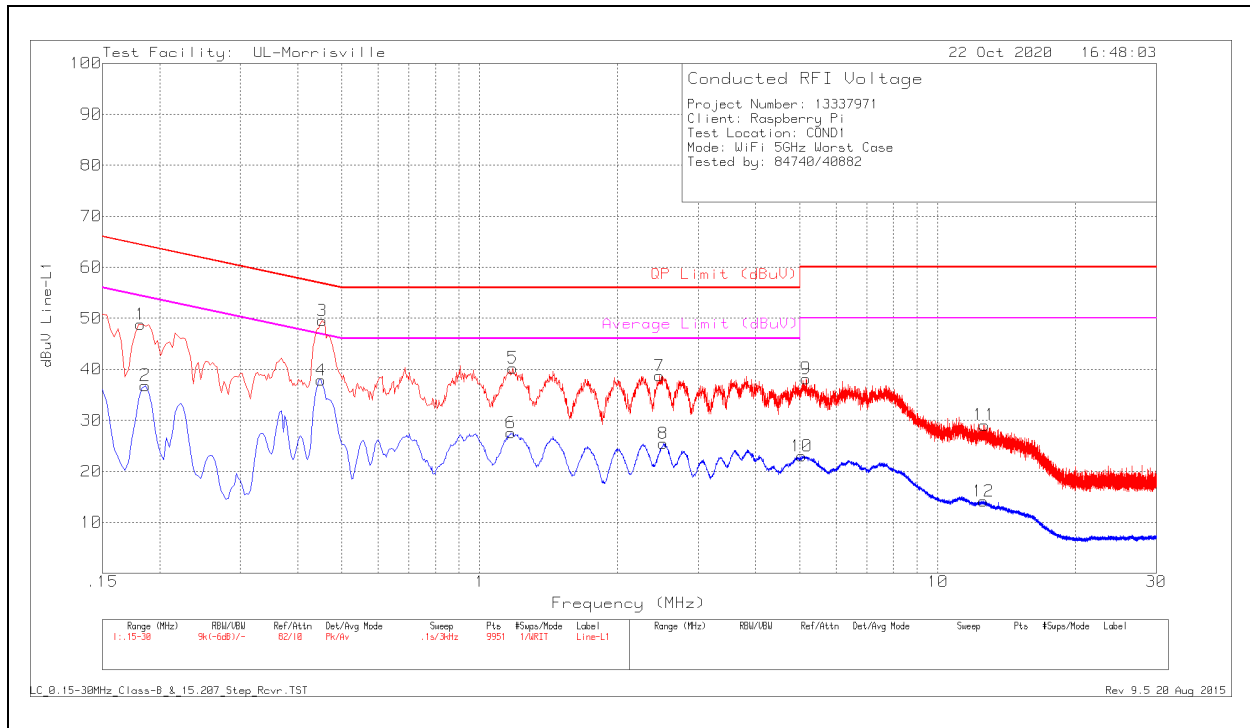


| Range 2: Line-L2 .15 - 30MHz | | | | | | | | | | |
|------------------------------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VCF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
| 13 | .159 | 39.5 | Pk | .2 | 9.7 | 49.4 | 65.52 | -16.12 | - | - |
| 14 | .159 | 18.96 | Av | .2 | 9.7 | 28.86 | - | - | 55.52 | -26.66 |
| 15 | .447 | 30.82 | Pk | .1 | 9.7 | 40.62 | 56.93 | -16.31 | - | - |
| 16 | .45 | 10.5 | Av | .1 | 9.8 | 20.4 | - | - | 46.88 | -26.48 |
| 17 | 2.493 | 14.38 | Pk | 0 | 9.8 | 24.18 | 56 | -31.82 | - | - |
| 18 | 2.49 | -.2 | Av | 0 | 9.8 | 9.6 | - | - | 46 | -36.4 |
| 19 | 3.573 | 15.66 | Pk | 0 | 9.8 | 25.46 | 56 | -30.54 | - | - |
| 20 | 3.564 | -.71 | Av | 0 | 9.8 | 9.09 | - | - | 46 | -36.91 |
| 21 | 8.391 | 15.55 | Pk | .1 | 10 | 25.65 | 60 | -34.35 | - | - |
| 22 | 8.322 | -.91 | Av | .1 | 10 | 9.19 | - | - | 50 | -40.81 |
| 23 | 13.563 | 12.39 | Pk | .1 | 10 | 22.49 | 60 | -37.51 | - | - |
| 24 | 13.563 | 1.19 | Av | .1 | 10 | 11.29 | - | - | 50 | -38.71 |

Pk - Peak detector
 Av - Average detection

10.2. ANTENNA 2

LINE 1 RESULTS

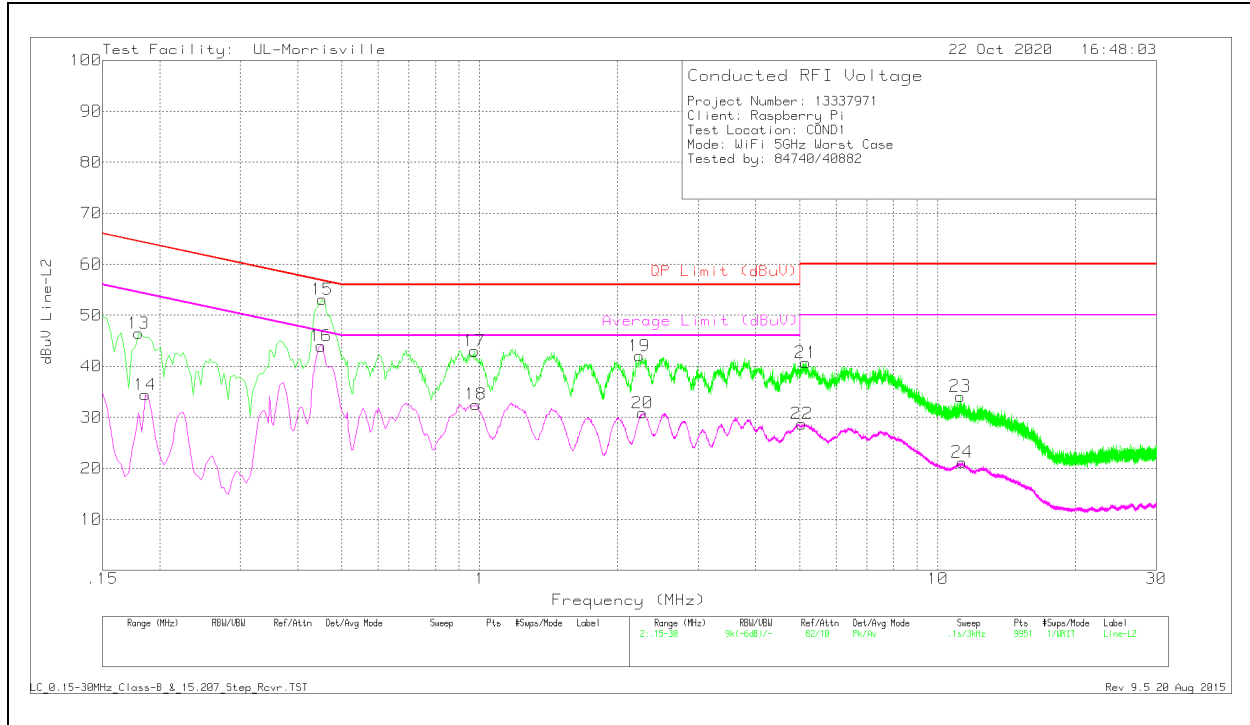


| Range 1: Line-L1 .15 - 30MHz | | | | | | | | | | |
|------------------------------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VCF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
| 1 | .1815 | 38.9 | Pk | .2 | 9.7 | 48.8 | 64.42 | -15.62 | - | - |
| 2 | .186 | 26.92 | Av | .2 | 9.7 | 36.82 | - | - | 54.21 | -17.39 |
| 3 | .453 | 39.64 | Pk | .1 | 9.8 | 49.54 | 56.82 | -7.28 | - | - |
| 4 | .45 | 27.97 | Av | .1 | 9.8 | 37.87 | - | - | 46.88 | -9.01 |
| 5 | 1.179 | 30.47 | Pk | 0 | 9.8 | 40.27 | 56 | -15.73 | - | - |
| 6 | 1.17 | 17.73 | Av | 0 | 9.8 | 27.53 | - | - | 46 | -18.47 |
| 7 | 2.469 | 28.9 | Pk | 0 | 9.8 | 38.7 | 56 | -17.3 | - | - |
| 8 | 2.514 | 15.66 | Av | 0 | 9.8 | 25.46 | - | - | 46 | -20.54 |
| 9 | 5.16 | 28.16 | Pk | .1 | 9.9 | 38.16 | 60 | -21.84 | - | - |
| 10 | 5.043 | 13.03 | Av | .1 | 9.9 | 23.03 | - | - | 50 | -26.97 |
| 11 | 12.636 | 18.99 | Pk | .1 | 10 | 29.09 | 60 | -30.91 | - | - |
| 12 | 12.579 | 4.04 | Av | .1 | 10 | 14.14 | - | - | 50 | -35.86 |

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



| Range 2: Line-L2 .15 - 30MHz | | | | | | | | | | |
|------------------------------|-----------------|----------------------|-----|---------------|------------------|------------------------|-----------------|-------------|----------------------|-------------|
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | LISN VCF (dB) | Cbl/Limiter (dB) | Corrected Reading dBuV | QP Limit (dBuV) | Margin (dB) | Average Limit (dBuV) | Margin (dB) |
| 13 | .18 | 36.55 | Pk | .2 | 9.7 | 46.45 | 64.49 | -18.04 | - | - |
| 14 | .186 | 24.5 | Av | .2 | 9.7 | 34.4 | - | - | 54.21 | -19.81 |
| 15 | .45588 | 40.14 | Qp | .1 | 9.8 | 50.04 | 56.77 | -6.73 | - | - |
| 16 | .4578 | 32.44 | Ca | .1 | 9.8 | 42.34 | - | - | 46.73 | -4.39 |
| 17 | .975 | 33.2 | Pk | 0 | 9.8 | 43 | 56 | -13 | - | - |
| 18 | .981 | 22.73 | Av | 0 | 9.8 | 32.53 | - | - | 46 | -13.47 |
| 19 | 2.229 | 32.23 | Pk | 0 | 9.8 | 42.03 | 56 | -13.97 | - | - |
| 20 | 2.265 | 21.08 | Av | 0 | 9.8 | 30.88 | - | - | 46 | -15.12 |
| 21 | 5.148 | 30.74 | Pk | .1 | 9.9 | 40.74 | 60 | -19.26 | - | - |
| 22 | 5.049 | 18.74 | Av | .1 | 9.9 | 28.74 | - | - | 50 | -21.26 |
| 23 | 11.187 | 24.02 | Pk | .1 | 10 | 34.12 | 60 | -25.88 | - | - |
| 24 | 11.298 | 11.11 | Av | .1 | 10 | 21.21 | - | - | 50 | -28.79 |

Pk - Peak detector
 Av - Average detection
 Qp - Quasi-peak detection
 Ca - CISPR average detection

11. SETUP PHOTOS

Please refer to R13337971-EP2 for setup photos.

END OF TEST REPORT