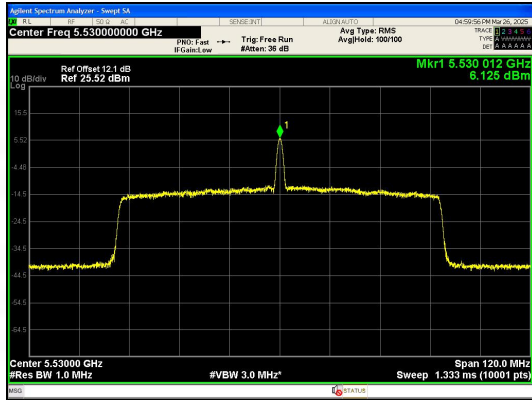
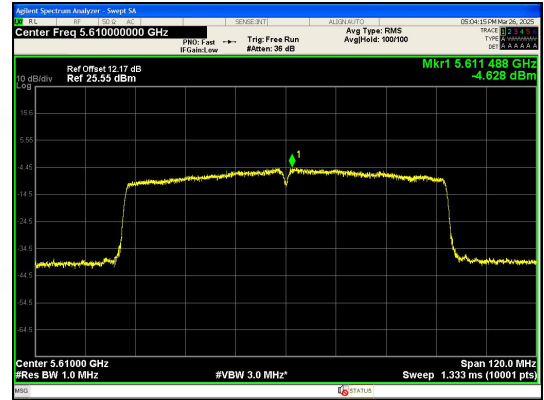




IEEE 802.11ac\_Channel 106\_80MHz\_Antenna 0

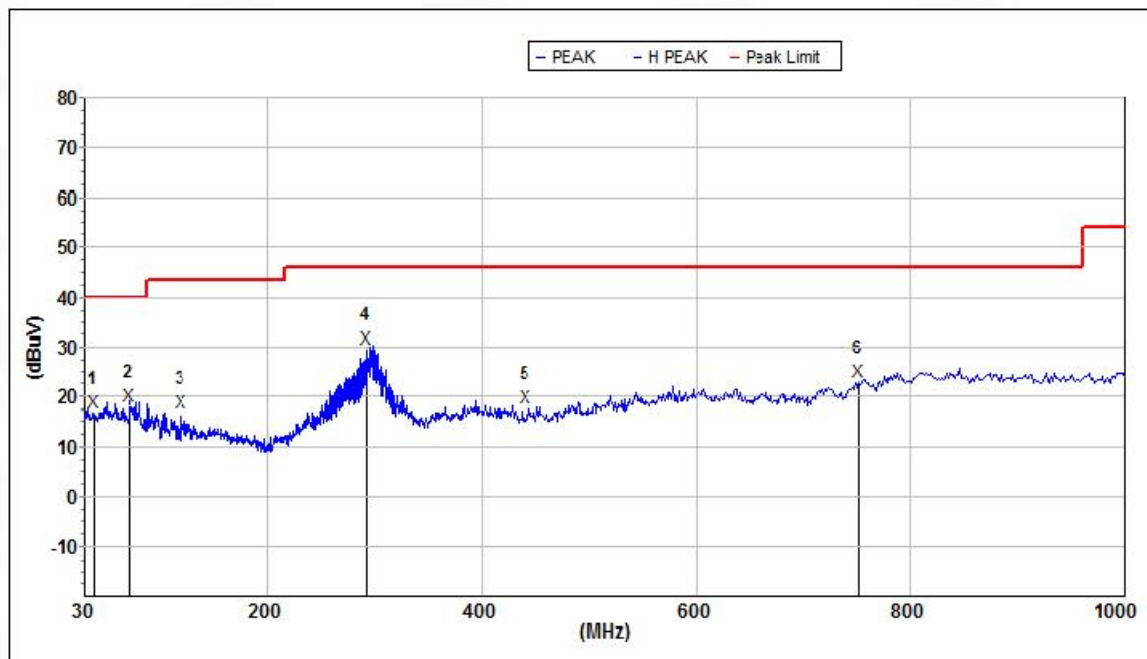


IEEE 802.11ac\_Channel 122\_80MHz\_Antenna 0

# Radiated Test Data

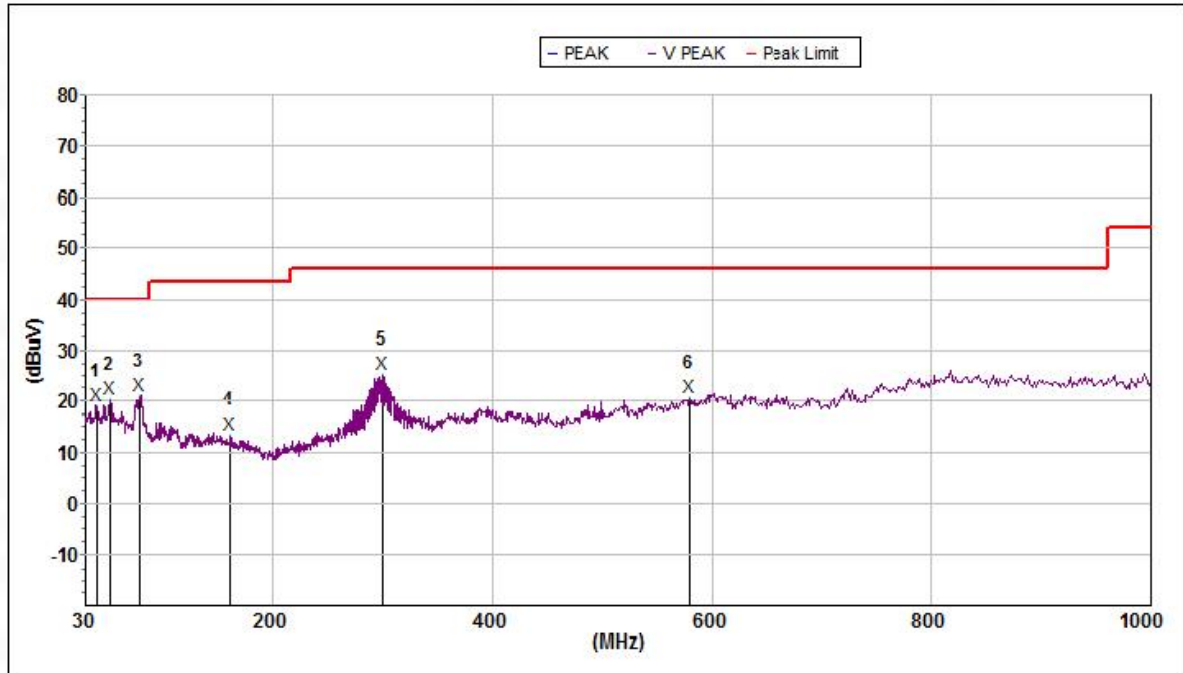
## Radiated spurious emissions

802.11a CH36 5180 Horizontal



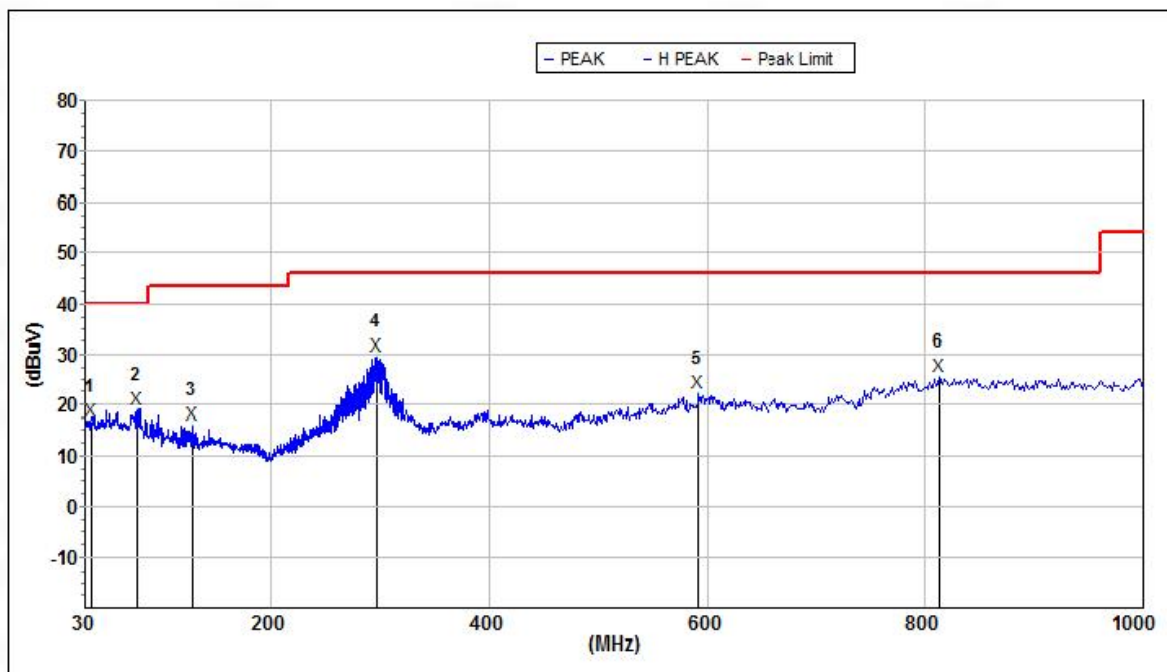
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 38.212         | 16.9              | 40.0              | 23.1           | 100         | 18.9             | 29.6           | H    |
| 2     | 71.455         | 18.0              | 40.0              | 22.0           | 300         | 16.1             | 29.3           | H    |
| 3     | 119.227        | 16.7              | 43.5              | 26.8           | 200         | 16.5             | 32.2           | H    |
| 4     | 293.084        | 29.8              | 46.0              | 16.2           | 100         | 19.0             | 32.0           | H    |
| 5     | 441.743        | 17.9              | 46.0              | 28.1           | 200         | 22.7             | 33.5           | H    |
| 6     | 751.425        | 23.1              | 46.0              | 22.9           | 300         | 27.6             | 32.7           | H    |

## 802.11a CH36 5180 Vertical



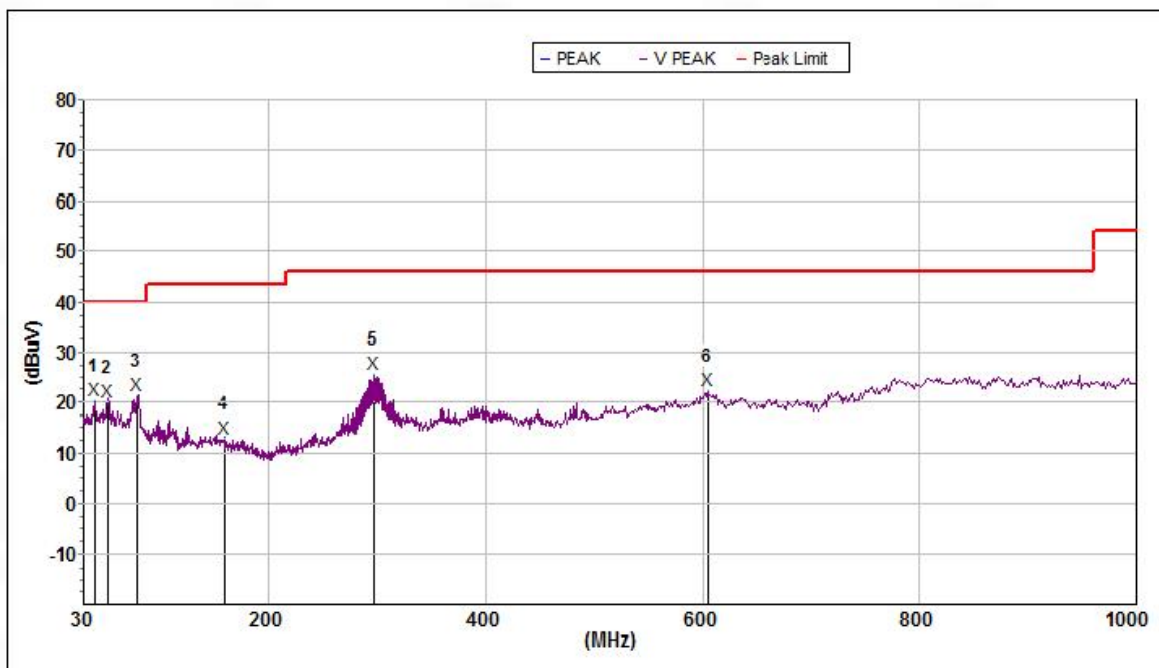
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 39.645         | 19.1              | 40.0              | 20.9           | 100         | 19.0             | 29.6           | V    |
| 2     | 52.116         | 20.3              | 40.0              | 19.7           | 300         | 19.2             | 29.8           | V    |
| 3     | 78.965         | 21.1              | 40.0              | 18.9           | 200         | 14.9             | 29.1           | V    |
| 4     | 161.758        | 13.5              | 43.5              | 30.0           | 100         | 18.4             | 33.5           | V    |
| 5     | 299.316        | 25.5              | 46.0              | 20.5           | 200         | 19.2             | 31.9           | V    |
| 6     | 579.685        | 20.9              | 46.0              | 25.1           | 300         | 25.5             | 32.3           | V    |

## 802.11a CH64 5320 Horizontal



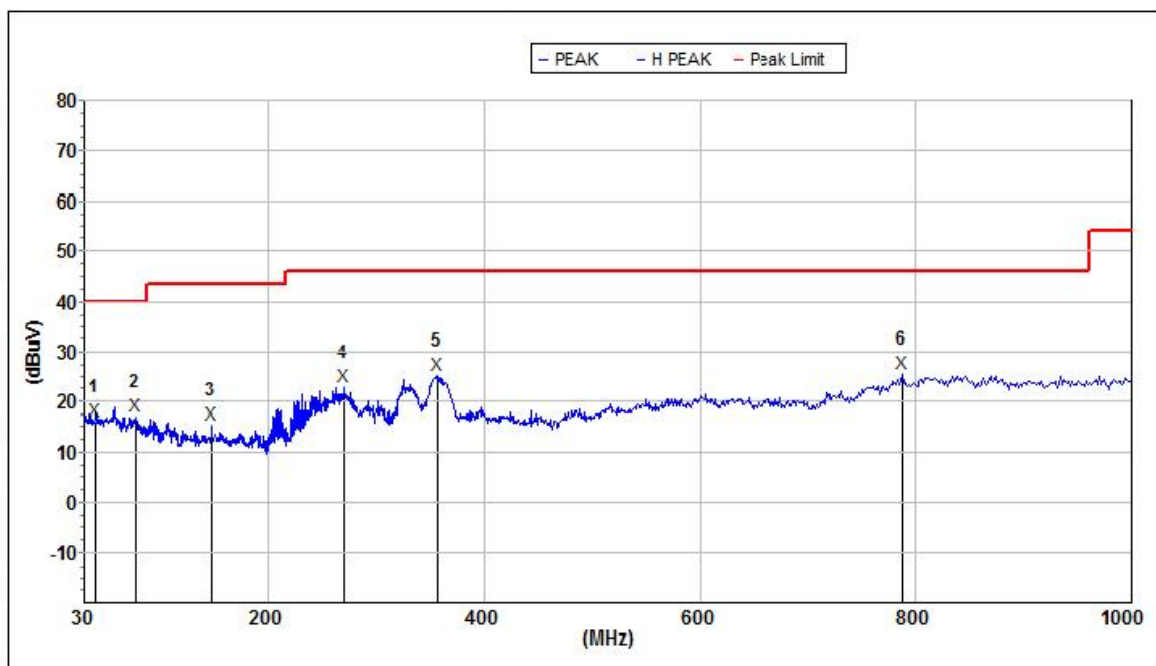
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 36.064         | 16.8              | 40.0              | 23.2           | 100         | 18.8             | 29.5           | H    |
| 2     | 76.512         | 19.2              | 40.0              | 20.8           | 300         | 15.3             | 29.2           | H    |
| 3     | 129.241        | 16.2              | 43.5              | 27.3           | 200         | 17.4             | 32.6           | H    |
| 4     | 296.184        | 29.6              | 46.0              | 16.4           | 100         | 19.1             | 31.9           | H    |
| 5     | 592.011        | 22.3              | 46.0              | 23.7           | 200         | 25.8             | 32.3           | H    |
| 6     | 813.112        | 25.7              | 46.0              | 20.3           | 300         | 28.5             | 31.7           | H    |

## 802.11a CH64 5320 Vertical



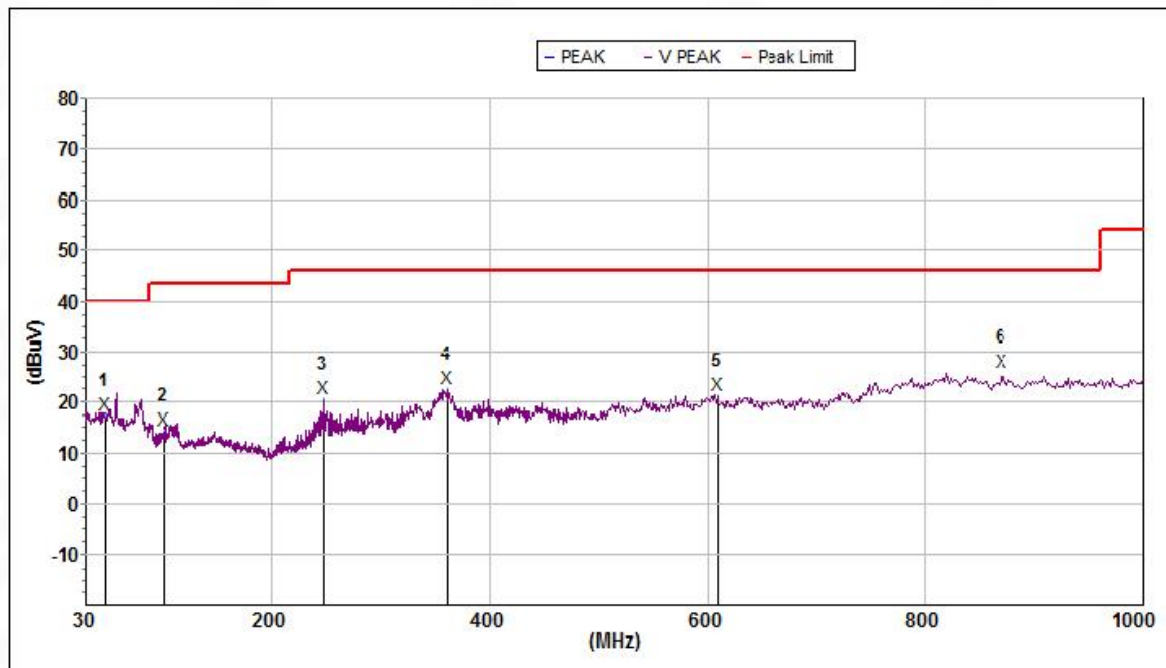
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 40.135         | 20.5              | 40.0              | 19.5           | 100         | 19.0             | 29.6           | V    |
| 2     | 52.668         | 20.2              | 40.0              | 19.8           | 300         | 19.1             | 29.7           | V    |
| 3     | 79.104         | 21.4              | 40.0              | 18.6           | 200         | 14.9             | 29.1           | V    |
| 4     | 159.225        | 12.8              | 43.5              | 30.7           | 100         | 18.6             | 33.5           | V    |
| 5     | 297.224        | 25.8              | 46.0              | 20.2           | 200         | 19.1             | 31.9           | V    |
| 6     | 604.598        | 22.4              | 46.0              | 23.6           | 300         | 26.0             | 32.4           | V    |

## 802.11ac20 CH36 5180 Horizontal



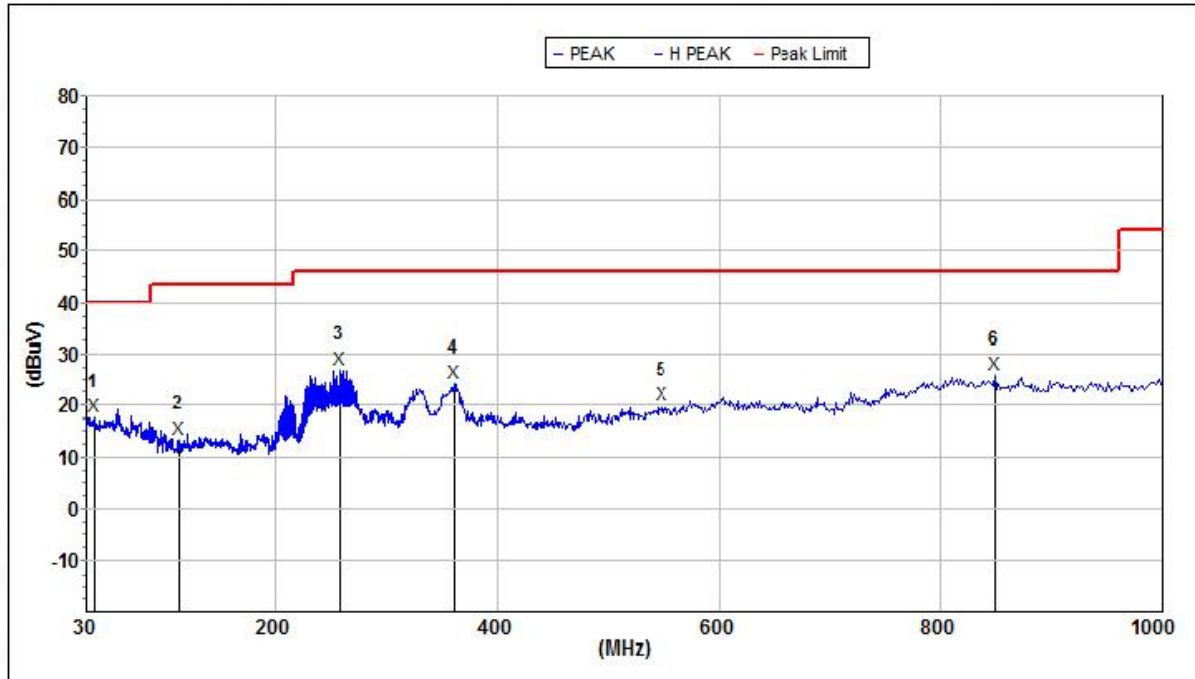
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 40.488         | 16.2              | 40.0              | 23.8           | 100         | 19.0             | 29.6           | H    |
| 2     | 76.916         | 17.3              | 40.0              | 22.7           | 300         | 15.3             | 29.2           | H    |
| 3     | 147.662        | 15.6              | 43.5              | 27.9           | 200         | 19.0             | 33.5           | H    |
| 4     | 270.375        | 23.1              | 46.0              | 22.9           | 100         | 18.3             | 32.1           | H    |
| 5     | 356.676        | 25.5              | 46.0              | 20.5           | 400         | 20.4             | 32.4           | H    |
| 6     | 787.851        | 25.8              | 46.0              | 20.2           | 300         | 28.3             | 31.8           | H    |

## 802.11ac20 CH36 5180 Vertical



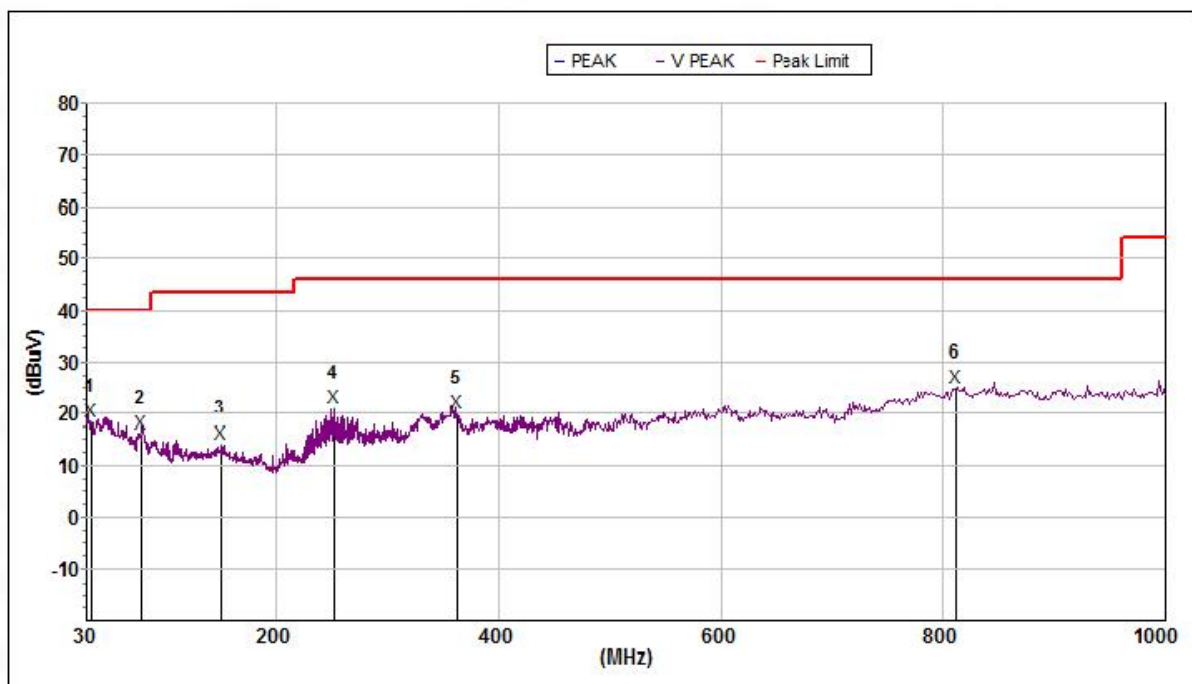
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 47.994      | 17.5           | 40.0           | 22.5        | 100      | 19.5          | 29.8        | V    |
| 2     | 100.229     | 14.5           | 43.5           | 29.0        | 300      | 14.8          | 31.3        | V    |
| 3     | 247.682     | 20.7           | 46.0           | 25.3        | 200      | 17.5          | 32.3        | V    |
| 4     | 362.349     | 22.8           | 46.0           | 23.2        | 100      | 20.5          | 32.4        | V    |
| 5     | 608.853     | 21.5           | 46.0           | 24.5        | 400      | 26.1          | 32.4        | V    |
| 6     | 870.655     | 26.1           | 46.0           | 19.9        | 300      | 28.9          | 32.4        | V    |

## 802.11ac20 CH48 5240 Horizontal



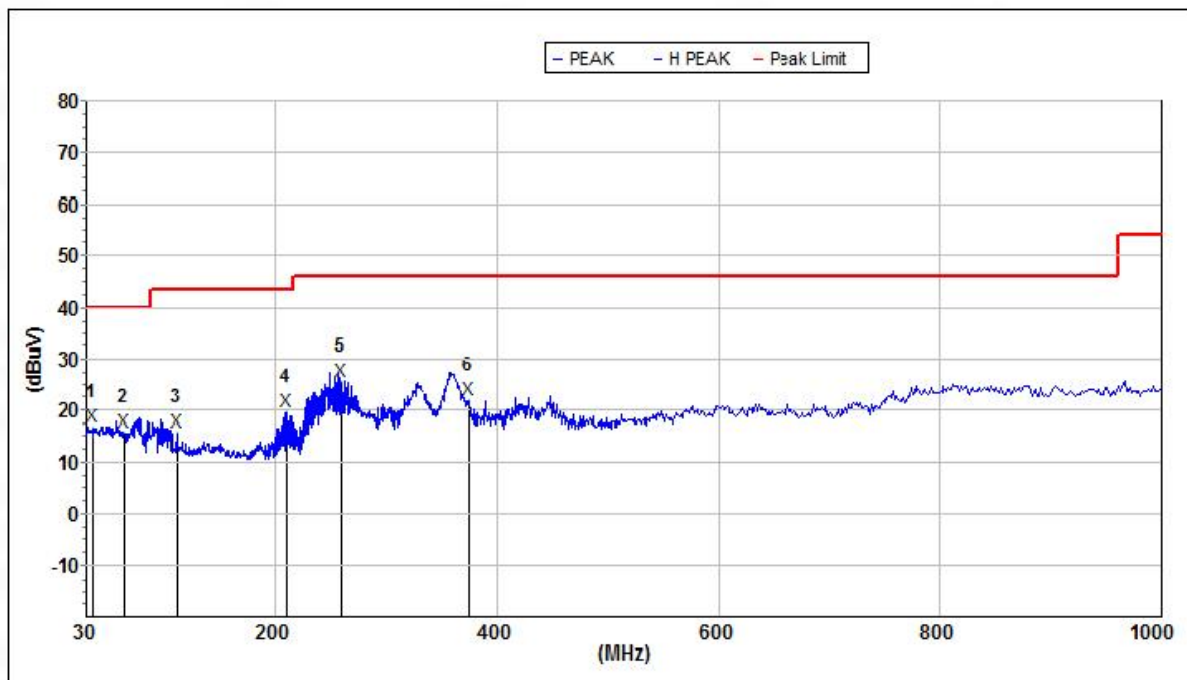
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 37.155         | 17.7              | 40.0              | 22.3           | 100         | 18.8             | 29.5           | H    |
| 2     | 111.934        | 13.6              | 43.5              | 29.9           | 300         | 15.9             | 31.8           | H    |
| 3     | 257.874        | 26.9              | 46.0              | 19.1           | 200         | 17.9             | 32.2           | H    |
| 4     | 361.714        | 24.4              | 46.0              | 21.6           | 100         | 20.5             | 32.4           | H    |
| 5     | 549.019        | 20.2              | 46.0              | 25.8           | 400         | 24.7             | 32.2           | H    |
| 6     | 848.056        | 26.2              | 46.0              | 19.8           | 300         | 28.7             | 32.1           | H    |

## 802.11ac20 CH48 5240 Vertical



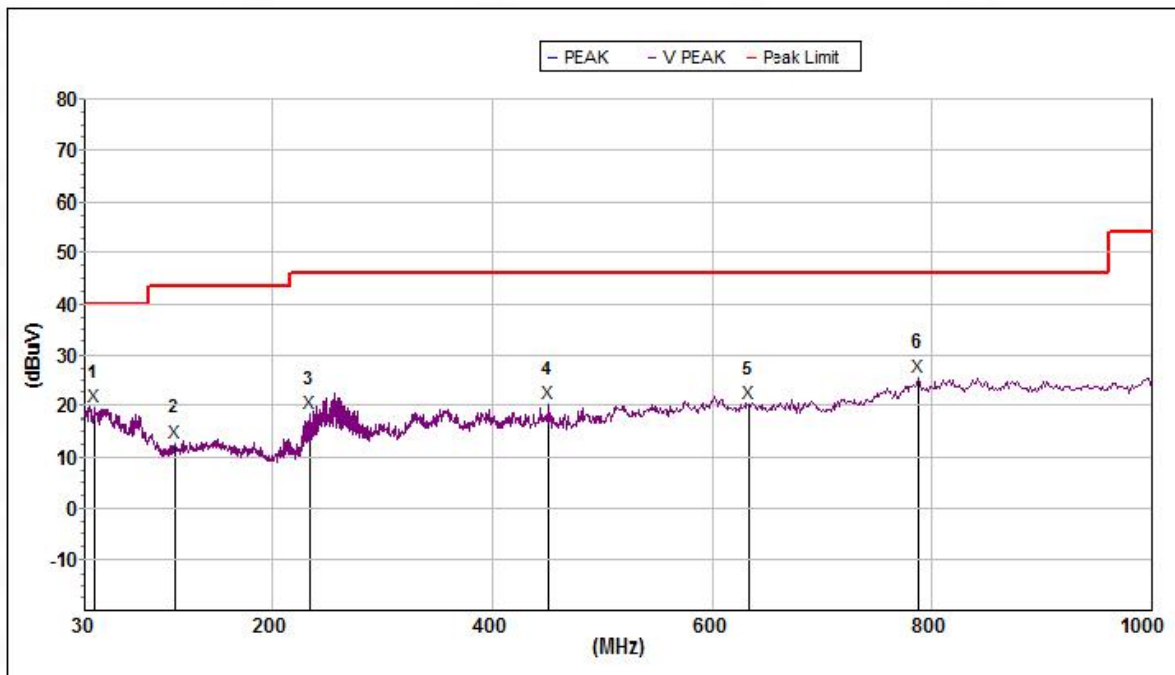
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 33.858      | 18.4           | 40.0           | 21.6        | 100      | 18.6          | 29.5        | V    |
| 2     | 78.827      | 16.3           | 40.0           | 23.7        | 300      | 15.0          | 29.1        | V    |
| 3     | 151.597     | 14.2           | 43.5           | 29.3        | 200      | 19.1          | 33.6        | V    |
| 4     | 252.505     | 21.1           | 46.0           | 24.9        | 100      | 17.7          | 32.3        | V    |
| 5     | 363.621     | 20.0           | 46.0           | 26.0        | 400      | 20.5          | 32.4        | V    |
| 6     | 811.687     | 25.0           | 46.0           | 21.0        | 300      | 28.6          | 31.7        | V    |

## 802.11ac40 CH38 5190 Horizontal



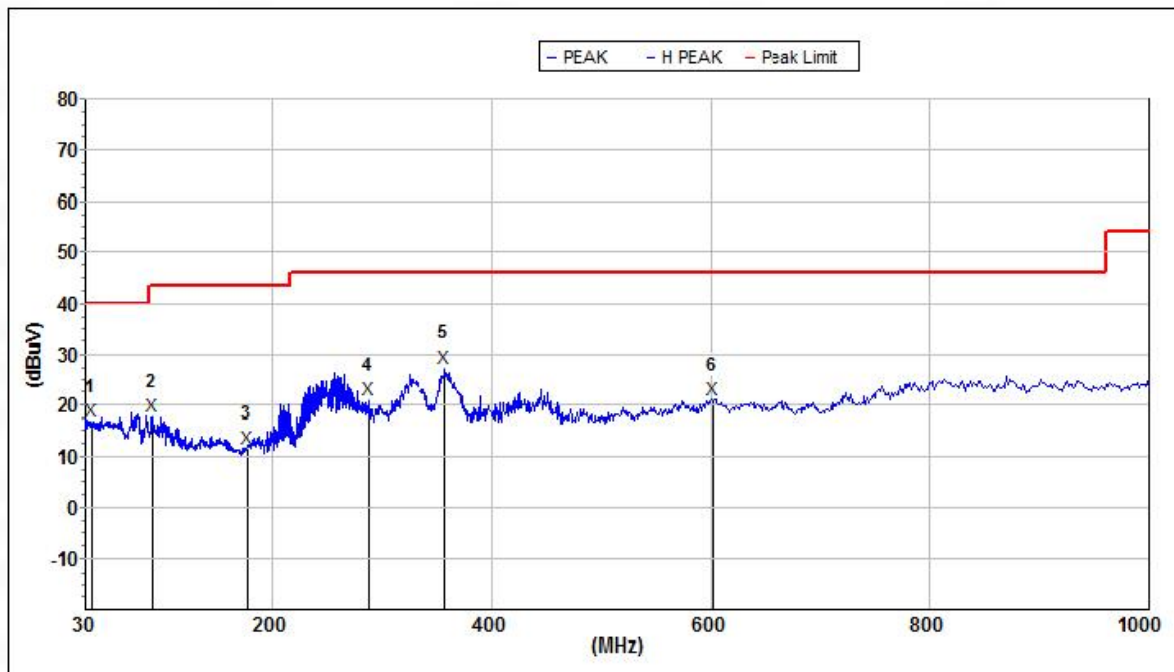
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 36.254         | 16.7              | 40.0              | 23.3           | 100         | 18.8             | 29.5           | H    |
| 2     | 64.320         | 15.8              | 40.0              | 24.2           | 300         | 17.3             | 29.5           | H    |
| 3     | 110.957        | 15.8              | 43.5              | 27.7           | 200         | 15.8             | 31.8           | H    |
| 4     | 210.417        | 19.7              | 43.5              | 23.8           | 100         | 16.1             | 33.1           | H    |
| 5     | 260.601        | 25.7              | 46.0              | 20.3           | 400         | 17.9             | 32.2           | H    |
| 6     | 375.280        | 22.2              | 46.0              | 23.8           | 300         | 20.8             | 32.2           | H    |

## 802.11ac40 CH38 5190 Vertical



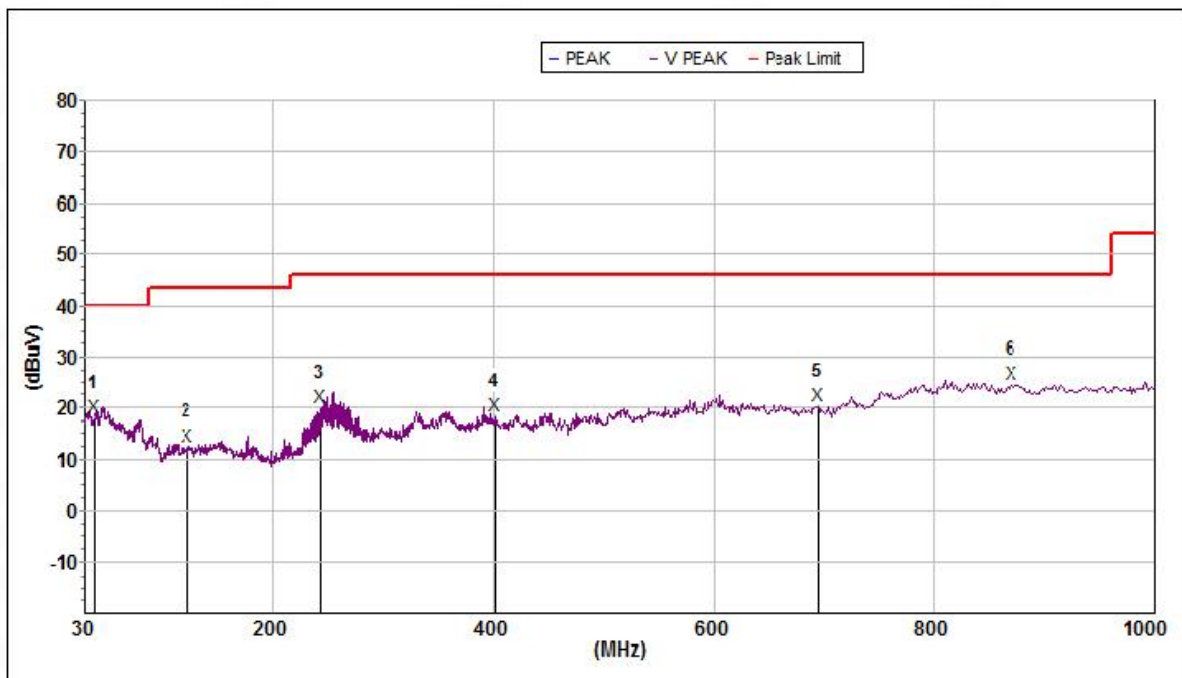
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 39.162         | 19.9              | 40.0              | 20.1           | 100         | 18.9             | 29.6           | V    |
| 2     | 110.375        | 12.8              | 43.5              | 30.7           | 300         | 15.7             | 31.8           | V    |
| 3     | 234.579        | 18.6              | 46.0              | 27.4           | 200         | 17.0             | 32.6           | V    |
| 4     | 451.927        | 20.5              | 46.0              | 25.5           | 100         | 22.9             | 33.7           | V    |
| 5     | 632.797        | 20.5              | 46.0              | 25.5           | 400         | 26.2             | 32.8           | V    |
| 6     | 787.851        | 25.7              | 46.0              | 20.3           | 300         | 28.3             | 31.8           | V    |

## 802.11ac40 CH46 5230 Horizontal



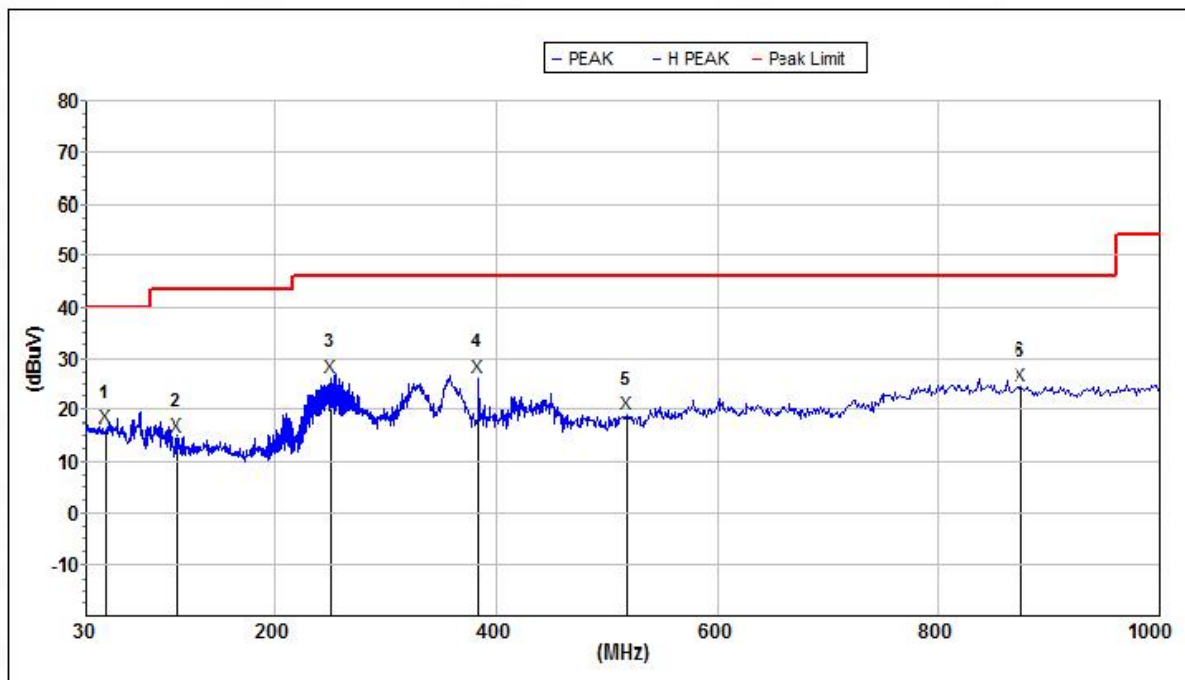
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 35.313         | 17.0              | 40.0              | 23.0           | 100         | 18.7             | 29.5           | H    |
| 2     | 90.537         | 17.7              | 43.5              | 25.8           | 300         | 14.8             | 30.3           | H    |
| 3     | 176.888        | 11.7              | 43.5              | 31.8           | 200         | 17.3             | 33.4           | H    |
| 4     | 288.496        | 21.0              | 46.0              | 25.0           | 100         | 18.8             | 32.0           | H    |
| 5     | 357.302        | 27.4              | 46.0              | 18.6           | 400         | 20.4             | 32.4           | H    |
| 6     | 602.482        | 21.1              | 46.0              | 24.9           | 300         | 26.0             | 32.3           | H    |

## 802.11ac40 CH46 5230 Vertical



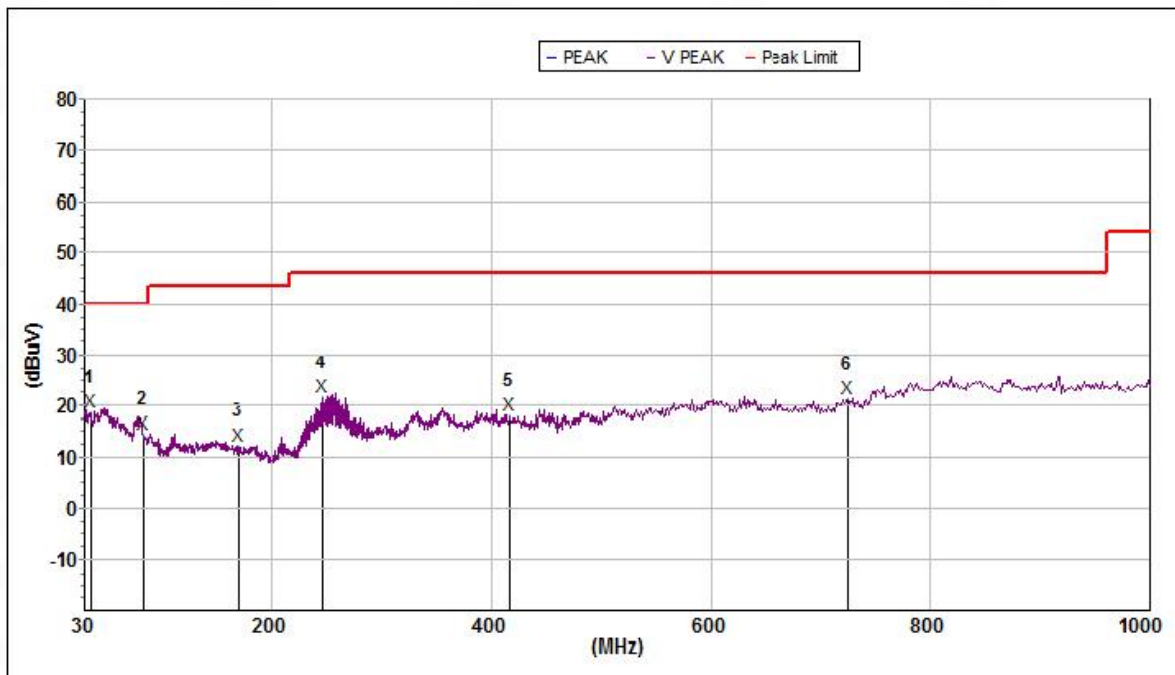
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 39.093      | 18.3           | 40.0           | 21.7        | 100      | 18.9          | 29.6        | V    |
| 2     | 123.482     | 12.7           | 43.5           | 30.8        | 300      | 16.9          | 32.4        | V    |
| 3     | 243.377     | 20.1           | 46.0           | 25.9        | 200      | 17.3          | 32.4        | V    |
| 4     | 401.838     | 18.4           | 46.0           | 27.6        | 100      | 21.5          | 32.1        | V    |
| 5     | 694.417     | 20.5           | 46.0           | 25.5        | 400      | 26.7          | 33.8        | V    |
| 6     | 870.655     | 24.7           | 46.0           | 21.3        | 300      | 28.9          | 32.4        | V    |

## 802.11ac80 CH42 5210 Horizontal



| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 47.409         | 16.5              | 40.0              | 23.5           | 100         | 19.4             | 29.7           | H    |
| 2     | 111.542        | 15.0              | 43.5              | 28.5           | 300         | 15.8             | 31.8           | H    |
| 3     | 251.621        | 26.4              | 46.0              | 19.6           | 200         | 17.7             | 32.3           | H    |
| 4     | 383.932        | 26.3              | 46.0              | 19.7           | 100         | 21.0             | 32.2           | H    |
| 5     | 518.156        | 19.1              | 46.0              | 26.9           | 400         | 23.9             | 32.2           | H    |
| 6     | 875.247        | 24.9              | 46.0              | 21.1           | 300         | 28.9             | 32.5           | H    |

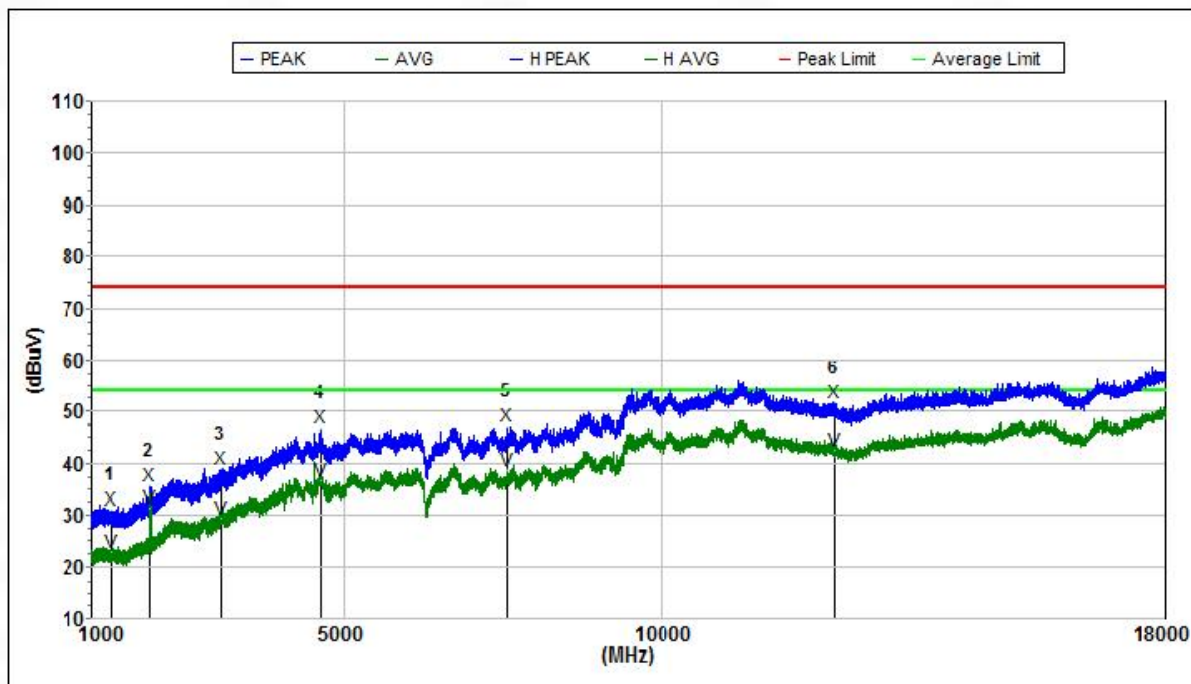
## 802.11ac80 CH42 5210 Vertical



| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 35.812         | 18.8              | 40.0              | 21.2           | 100         | 18.7             | 29.5           | V    |
| 2     | 82.793         | 14.6              | 40.0              | 25.4           | 300         | 14.8             | 29.4           | V    |
| 3     | 169.599        | 12.4              | 43.5              | 31.1           | 200         | 17.8             | 33.5           | V    |
| 4     | 246.383        | 21.9              | 46.0              | 24.1           | 100         | 17.5             | 32.4           | V    |
| 5     | 416.909        | 18.1              | 46.0              | 27.9           | 400         | 21.9             | 32.6           | V    |
| 6     | 724.261        | 21.4              | 46.0              | 24.6           | 300         | 27.1             | 33.3           | V    |

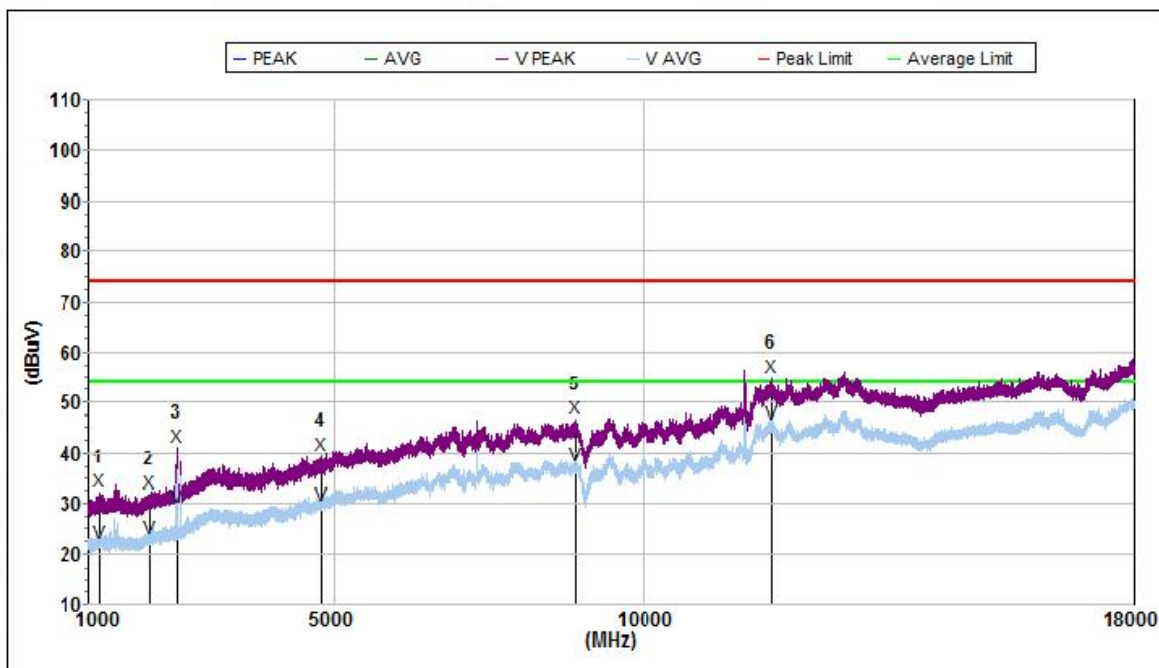
## Above 1GHz

### 802.11a CH36 5180 Horizontal



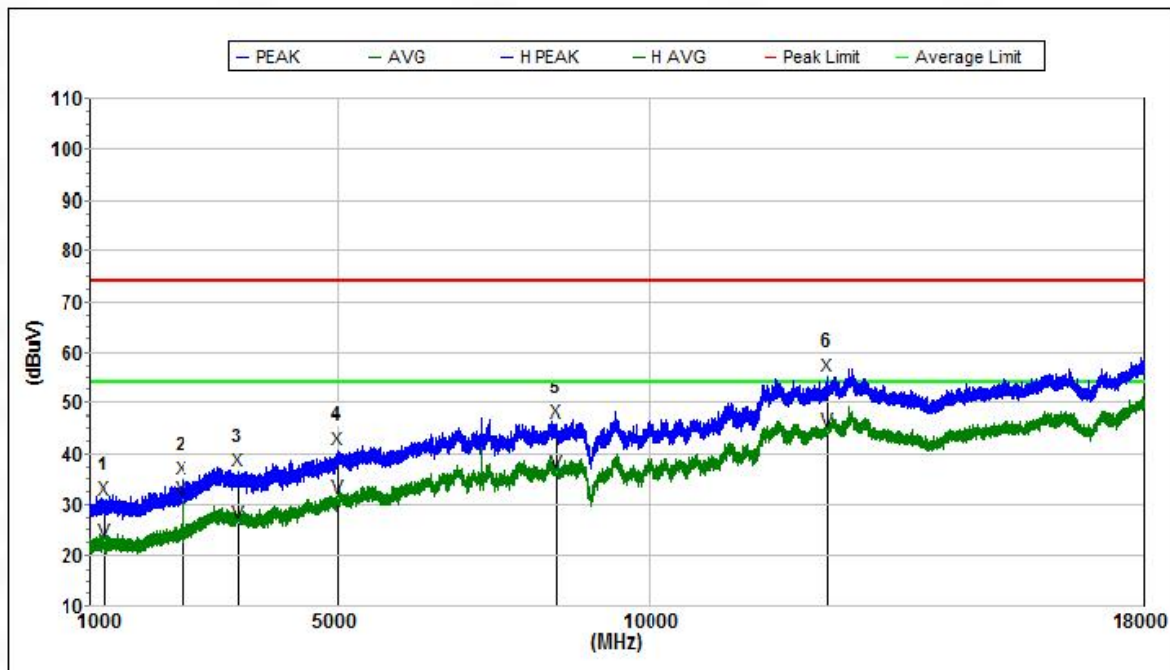
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1304.717       | 31.2              | 74.0              | 42.8           | 100         | 25.6             | 44.1           | H    |
| 2     | 1917.011       | 35.8              | 74.0              | 38.2           | 300         | 25.9             | 43.8           | H    |
| 3     | 3053.197       | 38.9              | 74.0              | 35.1           | 200         | 29.4             | 41.6           | H    |
| 4     | 4640.339       | 46.7              | 74.0              | 27.3           | 100         | 32.0             | 42.2           | H    |
| 5     | 7566.768       | 47.3              | 74.0              | 26.7           | 200         | 36.4             | 40.0           | H    |
| 6     | 12750.244      | 51.8              | 74.0              | 22.2           | 300         | 39.6             | 19.3           | H    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1304.717       | 22.7              | 54.0              | 31.3           | 100         | 25.6             | 44.1           | H    |
| 2     | 1917.011       | 31.5              | 54.0              | 22.5           | 300         | 25.9             | 43.8           | H    |
| 3     | 3053.197       | 29.3              | 54.0              | 24.7           | 200         | 29.4             | 41.6           | H    |
| 4     | 4640.339       | 36.5              | 54.0              | 17.5           | 100         | 32.0             | 42.2           | H    |
| 5     | 7566.768       | 38.6              | 54.0              | 15.4           | 200         | 36.4             | 40.0           | H    |
| 6     | 12750.244      | 42.7              | 54.0              | 11.3           | 300         | 39.6             | 19.3           | H    |

## 802.11a CH36 5180 Vertical



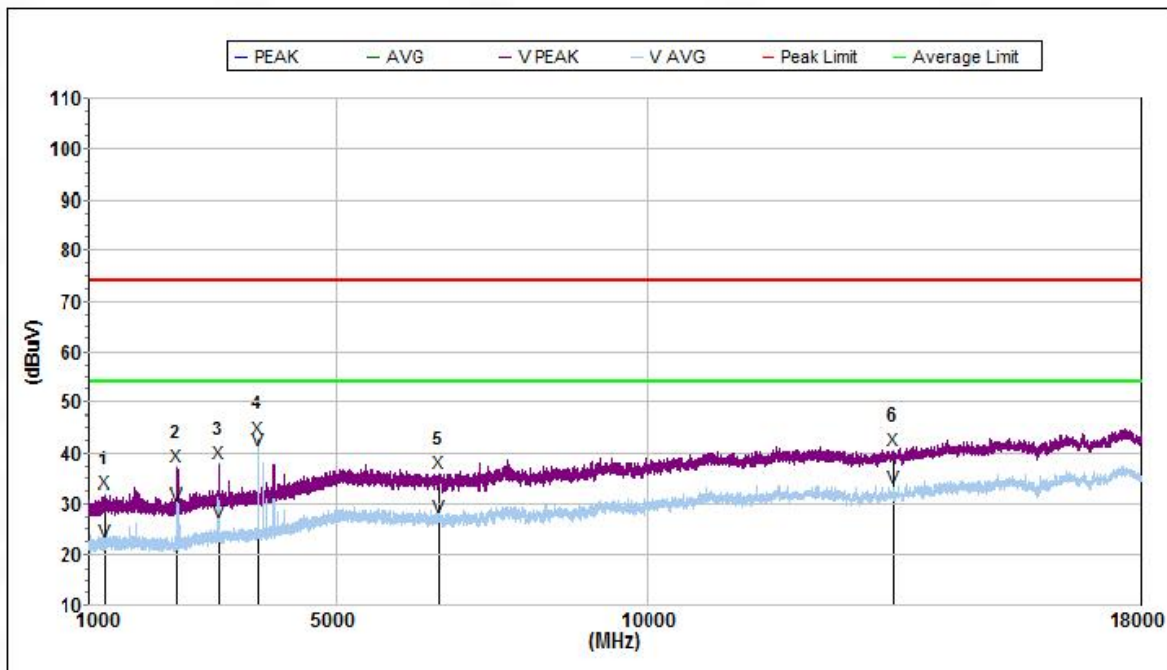
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 1180.600    | 32.5           | 74.0           | 41.5        | 100      | 25.6          | 44.1        | V    |
| 2     | 1975.000    | 31.9           | 74.0           | 42.1        | 300      | 26.3          | 43.8        | V    |
| 3     | 2426.800    | 41.2           | 74.0           | 32.8        | 200      | 27.4          | 43.5        | V    |
| 4     | 4787.500    | 39.7           | 74.0           | 34.3        | 100      | 32.5          | 41.9        | V    |
| 5     | 8927.200    | 46.9           | 74.0           | 27.1        | 200      | 37.8          | 40.0        | V    |
| 6     | 12099.050   | 55.0           | 74.0           | 19.0        | 300      | 39.1          | 20.3        | V    |
| Avg   |             |                |                |             |          |               |             |      |
| 1     | 1180.600    | 22.1           | 54.0           | 31.9        | 100      | 25.6          | 44.1        | V    |
| 2     | 1975.000    | 23.1           | 54.0           | 30.9        | 300      | 26.3          | 43.8        | V    |
| 3     | 2426.800    | 29.3           | 54.0           | 24.7        | 200      | 27.4          | 43.5        | V    |
| 4     | 4787.500    | 29.8           | 54.0           | 24.2        | 100      | 32.5          | 41.9        | V    |
| 5     | 8927.200    | 37.5           | 54.0           | 16.5        | 200      | 37.8          | 40.0        | V    |
| 6     | 12099.050   | 45.8           | 54.0           | 8.2         | 300      | 39.1          | 20.3        | V    |

## 802.11a CH64 5320 Horizontal



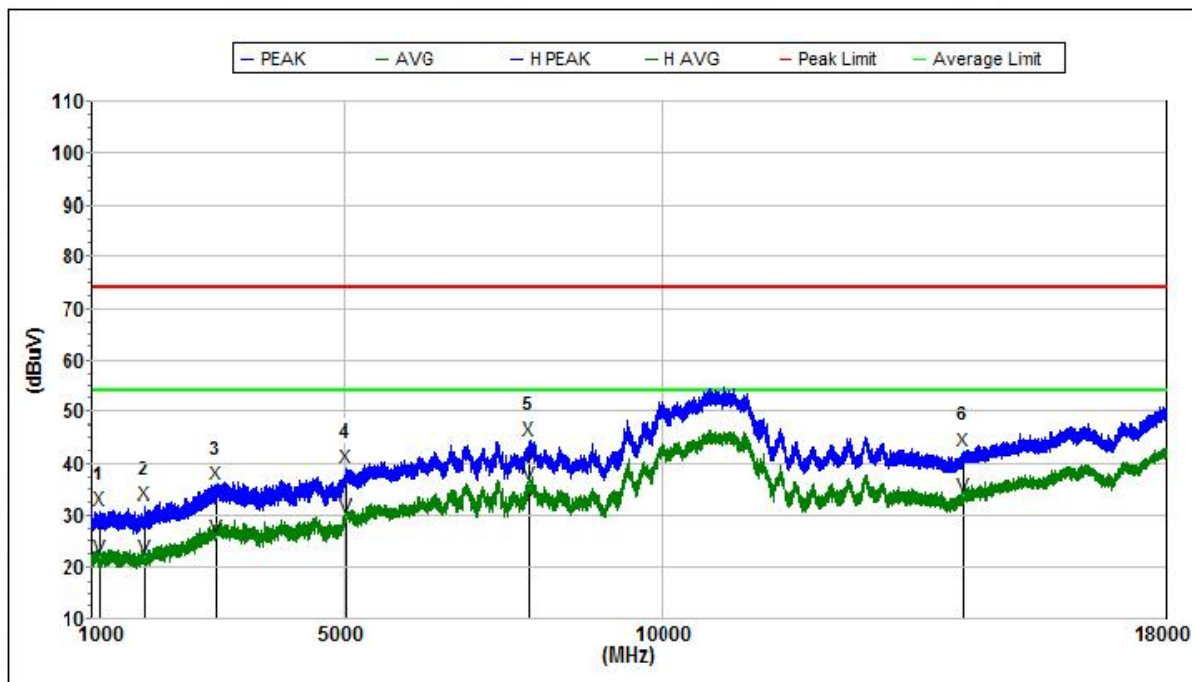
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1246.300       | 31.2              | 74.0              | 42.8           | 100         | 25.7             | 44.1           | H    |
| 2     | 2480.500       | 34.9              | 74.0              | 39.1           | 300         | 27.6             | 43.5           | H    |
| 3     | 3387.700       | 36.6              | 74.0              | 37.4           | 200         | 29.5             | 42.0           | H    |
| 4     | 4984.900       | 40.9              | 74.0              | 33.1           | 100         | 33.1             | 41.6           | H    |
| 5     | 8523.500       | 46.2              | 74.0              | 27.8           | 200         | 37.4             | 40.0           | H    |
| 6     | 12874.550      | 55.3              | 74.0              | 18.7           | 300         | 39.6             | 19.1           | H    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1246.300       | 22.9              | 54.0              | 31.1           | 100         | 25.7             | 44.1           | H    |
| 2     | 2480.500       | 30.9              | 54.0              | 23.1           | 300         | 27.6             | 43.5           | H    |
| 3     | 3387.700       | 26.6              | 54.0              | 27.4           | 200         | 29.5             | 42.0           | H    |
| 4     | 4984.900       | 31.3              | 54.0              | 22.7           | 100         | 33.1             | 41.6           | H    |
| 5     | 8523.500       | 36.4              | 54.0              | 17.6           | 200         | 37.4             | 40.0           | H    |
| 6     | 12874.550      | 44.6              | 54.0              | 9.4            | 300         | 39.6             | 19.1           | H    |

## 802.11a CH64 5320 Vertical



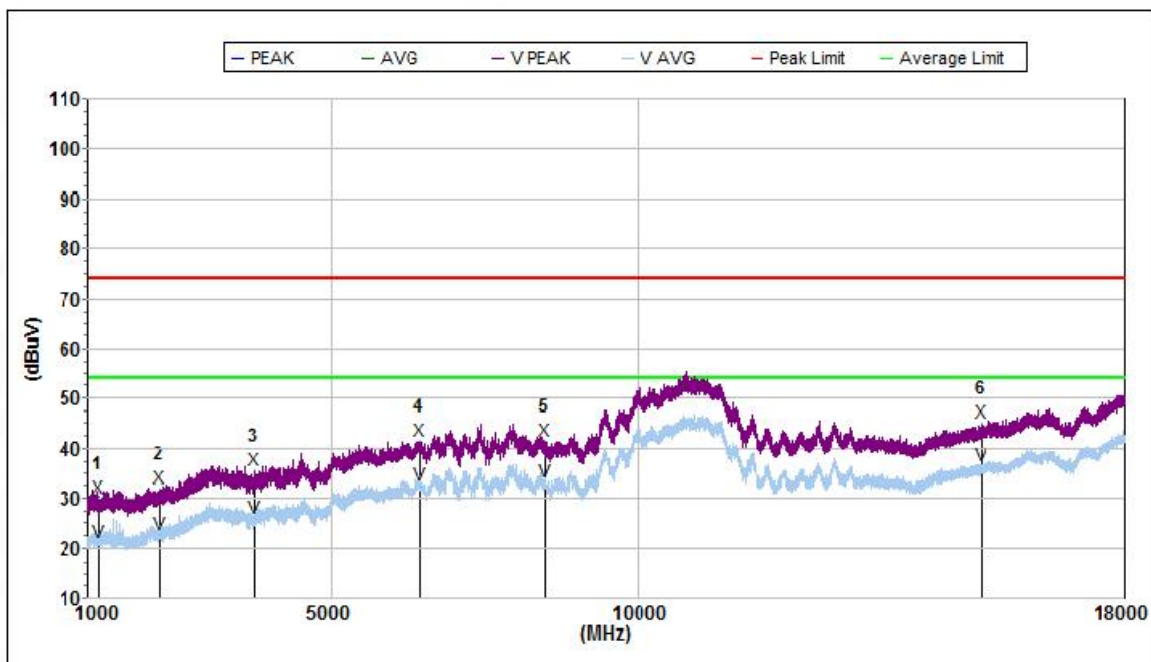
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1250.714       | 32.0              | 74.0              | 42.0           | 100         | 25.6             | 44.1           | V    |
| 2     | 2410.836       | 37.2              | 74.0              | 36.8           | 300         | 27.4             | 43.6           | V    |
| 3     | 3094.286       | 38.0              | 74.0              | 36.0           | 200         | 29.4             | 41.6           | V    |
| 4     | 3729.504       | 42.9              | 74.0              | 31.1           | 100         | 30.2             | 42.4           | V    |
| 5     | 6669.394       | 36.1              | 74.0              | 37.9           | 200         | 35.5             | 40.4           | V    |
| 6     | 13991.862      | 40.7              | 74.0              | 33.3           | 300         | 39.8             | 18.5           | V    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1250.714       | 22.5              | 54.0              | 31.5           | 100         | 25.6             | 44.1           | V    |
| 2     | 2410.836       | 29.8              | 54.0              | 24.2           | 300         | 27.4             | 43.6           | V    |
| 3     | 3094.286       | 26.6              | 54.0              | 27.4           | 200         | 29.4             | 41.6           | V    |
| 4     | 3729.504       | 40.7              | 54.0              | 13.3           | 100         | 30.2             | 42.4           | V    |
| 5     | 6669.394       | 27.3              | 54.0              | 26.7           | 200         | 35.5             | 40.4           | V    |
| 6     | 13991.862      | 32.9              | 54.0              | 21.1           | 300         | 39.8             | 18.5           | V    |

## 802.11ac20 CH36 5180 Horizontal



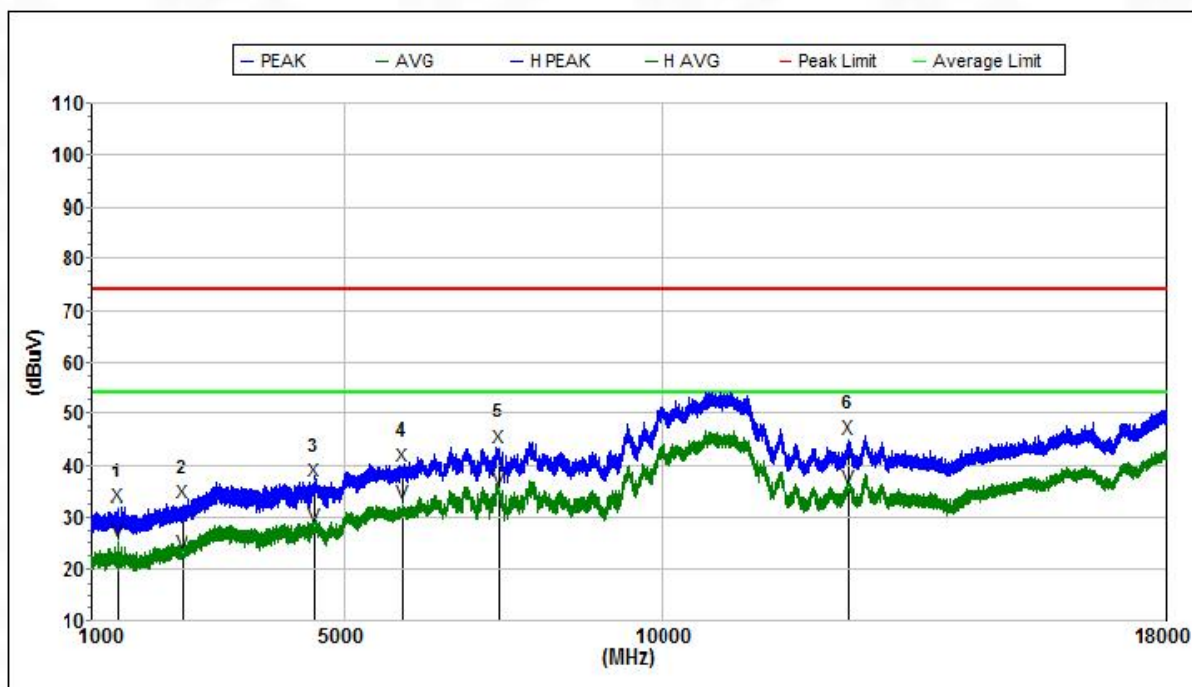
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1120.900       | 31.1              | 74.0              | 42.9           | 100         | 25.4             | 44.2           | H    |
| 2     | 1819.600       | 32.0              | 74.0              | 42.0           | 300         | 25.2             | 43.9           | H    |
| 3     | 2982.700       | 36.1              | 74.0              | 37.9           | 200         | 29.3             | 41.6           | H    |
| 4     | 5021.800       | 39.3              | 74.0              | 34.7           | 100         | 33.1             | 41.6           | H    |
| 5     | 7905.850       | 44.5              | 74.0              | 29.5           | 400         | 36.8             | 40.0           | H    |
| 6     | 14789.650      | 42.5              | 74.0              | 31.5           | 300         | 39.2             | 27.3           | H    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1120.900       | 21.8              | 54.0              | 32.2           | 100         | 25.4             | 44.2           | H    |
| 2     | 1819.600       | 22.0              | 54.0              | 32.0           | 300         | 25.2             | 43.9           | H    |
| 3     | 2982.700       | 25.8              | 54.0              | 28.2           | 200         | 29.3             | 41.6           | H    |
| 4     | 5021.800       | 29.6              | 54.0              | 24.4           | 100         | 33.1             | 41.6           | H    |
| 5     | 7905.850       | 36.0              | 54.0              | 18.0           | 400         | 36.8             | 40.0           | H    |
| 6     | 14789.650      | 33.7              | 54.0              | 20.3           | 300         | 39.2             | 27.3           | H    |

## 802.11ac20 CH36 5180 Vertical



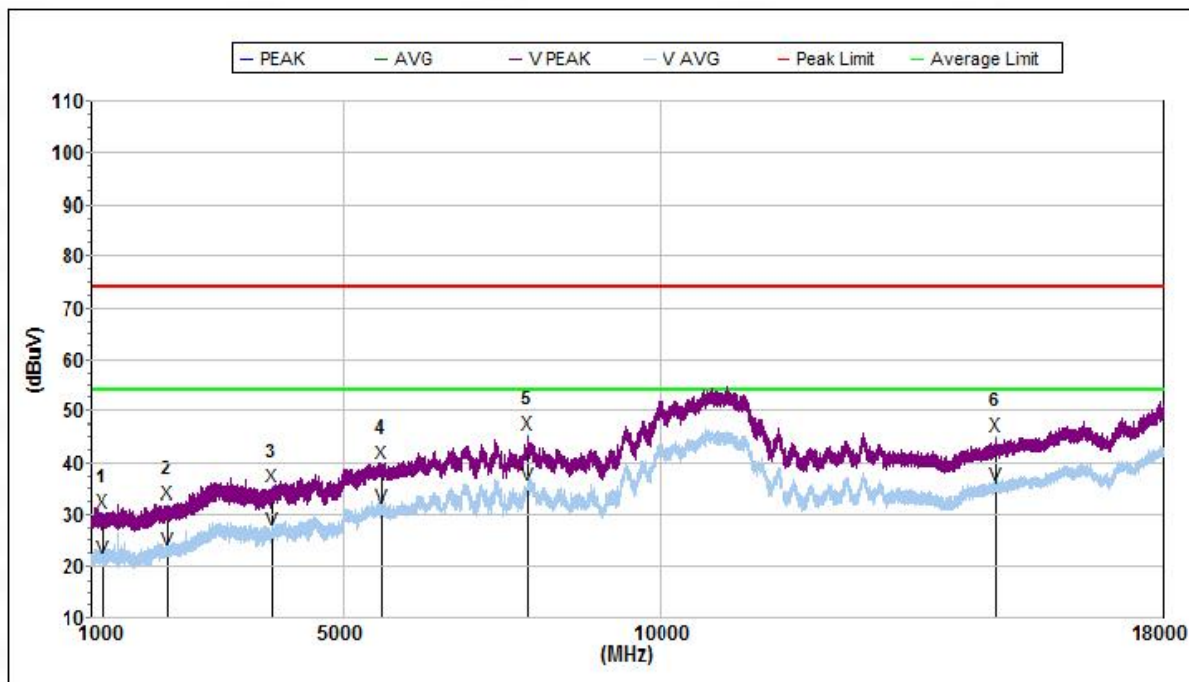
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1192.300       | 30.2              | 74.0              | 43.8           | 100         | 25.7             | 44.1           | V    |
| 2     | 2158.900       | 32.0              | 74.0              | 42.0           | 300         | 26.8             | 43.7           | V    |
| 3     | 3720.100       | 35.5              | 74.0              | 38.5           | 200         | 30.1             | 42.4           | V    |
| 4     | 6446.800       | 41.6              | 74.0              | 32.4           | 100         | 35.2             | 40.7           | V    |
| 5     | 8503.150       | 41.6              | 74.0              | 32.4           | 400         | 37.4             | 42.5           | V    |
| 6     | 15641.050      | 45.1              | 74.0              | 28.9           | 300         | 38.7             | 26.7           | V    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1192.300       | 21.3              | 54.0              | 32.7           | 100         | 25.7             | 44.1           | V    |
| 2     | 2158.900       | 22.9              | 54.0              | 31.1           | 300         | 26.8             | 43.7           | V    |
| 3     | 3720.100       | 26.2              | 54.0              | 27.8           | 200         | 30.1             | 42.4           | V    |
| 4     | 6446.800       | 32.8              | 54.0              | 21.2           | 100         | 35.2             | 40.7           | V    |
| 5     | 8503.150       | 33.3              | 54.0              | 20.7           | 400         | 37.4             | 42.5           | V    |
| 6     | 15641.050      | 36.7              | 54.0              | 17.3           | 300         | 38.7             | 26.7           | V    |

## 802.11ac20 CH48 5240 Horizontal



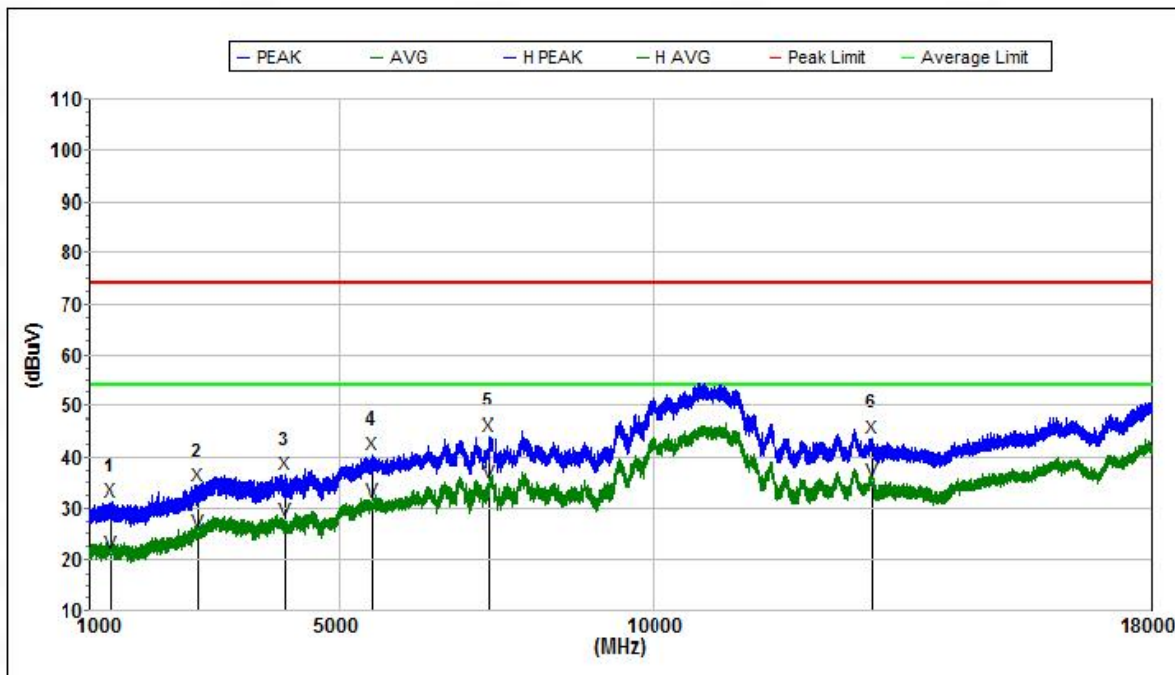
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 1403.800    | 32.2           | 74.0           | 41.8        | 100      | 25.5          | 44.0        | H    |
| 2     | 2423.800    | 32.8           | 74.0           | 41.2        | 300      | 27.4          | 43.5        | H    |
| 3     | 4521.100    | 37.0           | 74.0           | 37.0        | 200      | 31.7          | 42.4        | H    |
| 4     | 5905.600    | 40.0           | 74.0           | 34.0        | 100      | 33.9          | 41.1        | H    |
| 5     | 7435.050    | 43.6           | 74.0           | 30.4        | 400      | 36.3          | 40.0        | H    |
| 6     | 12965.300   | 45.2           | 74.0           | 28.8        | 300      | 39.7          | 28.6        | H    |
| Avg   |             |                |                |             |          |               |             |      |
| 1     | 1403.800    | 25.5           | 54.0           | 28.5        | 100      | 25.5          | 44.0        | H    |
| 2     | 2423.800    | 23.0           | 54.0           | 31.0        | 300      | 27.4          | 43.5        | H    |
| 3     | 4521.100    | 28.5           | 54.0           | 25.5        | 200      | 31.7          | 42.4        | H    |
| 4     | 5905.600    | 32.7           | 54.0           | 21.3        | 100      | 33.9          | 41.1        | H    |
| 5     | 7435.050    | 35.2           | 54.0           | 18.8        | 400      | 36.3          | 40.0        | H    |
| 6     | 12965.300   | 35.5           | 54.0           | 18.5        | 300      | 39.7          | 28.6        | H    |

## 802.11ac20 CH48 5240 Vertical



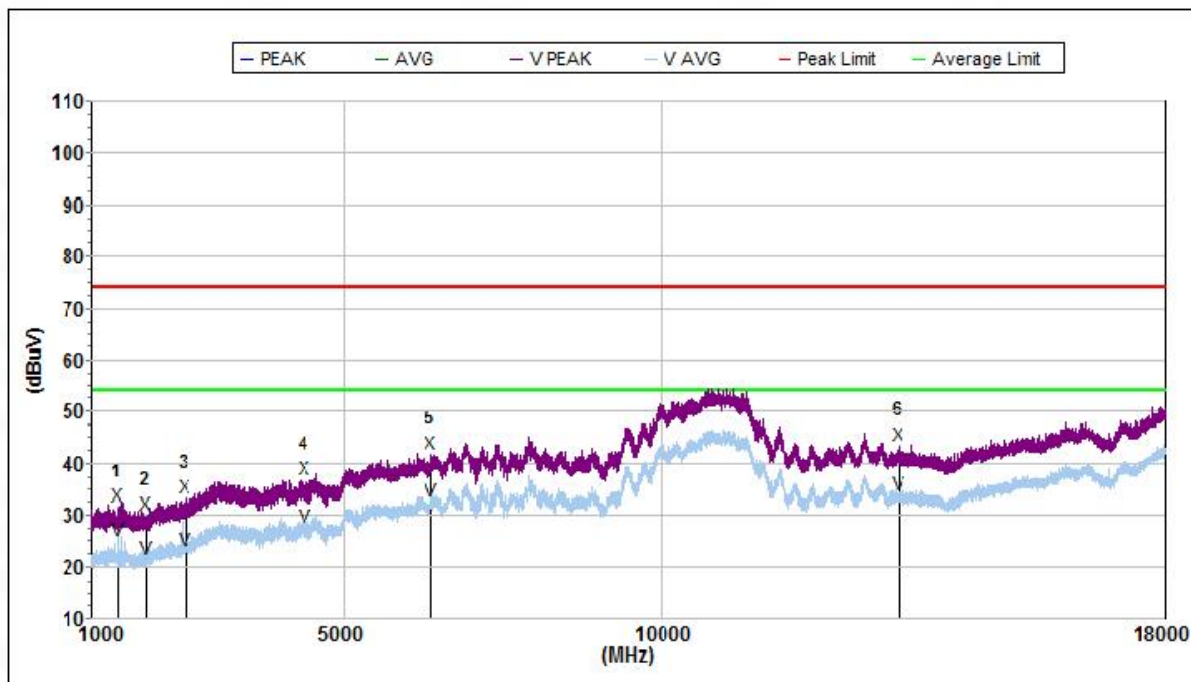
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 1184.800    | 30.5           | 74.0           | 43.5        | 100      | 25.6          | 44.1        | V    |
| 2     | 2197.000    | 31.9           | 74.0           | 42.1        | 300      | 26.9          | 43.7        | V    |
| 3     | 3867.400    | 35.4           | 74.0           | 38.6        | 200      | 30.5          | 42.6        | V    |
| 4     | 5583.700    | 39.9           | 74.0           | 34.1        | 100      | 33.1          | 40.7        | V    |
| 5     | 7909.150    | 45.4           | 74.0           | 28.6        | 400      | 36.8          | 40.0        | V    |
| 6     | 15327.550   | 45.2           | 74.0           | 28.8        | 300      | 38.9          | 26.9        | V    |
| Avg   |             |                |                |             |          |               |             |      |
| 1     | 1184.800    | 21.4           | 54.0           | 32.6        | 100      | 25.6          | 44.1        | V    |
| 2     | 2197.000    | 23.1           | 54.0           | 30.9        | 300      | 26.9          | 43.7        | V    |
| 3     | 3867.400    | 27.0           | 54.0           | 27.0        | 200      | 30.5          | 42.6        | V    |
| 4     | 5583.700    | 31.4           | 54.0           | 22.6        | 100      | 33.1          | 40.7        | V    |
| 5     | 7909.150    | 35.7           | 54.0           | 18.3        | 400      | 36.8          | 40.0        | V    |
| 6     | 15327.550   | 35.5           | 54.0           | 18.5        | 300      | 38.9          | 26.9        | V    |

## 802.11ac40\_CH38 5190 Horizontal



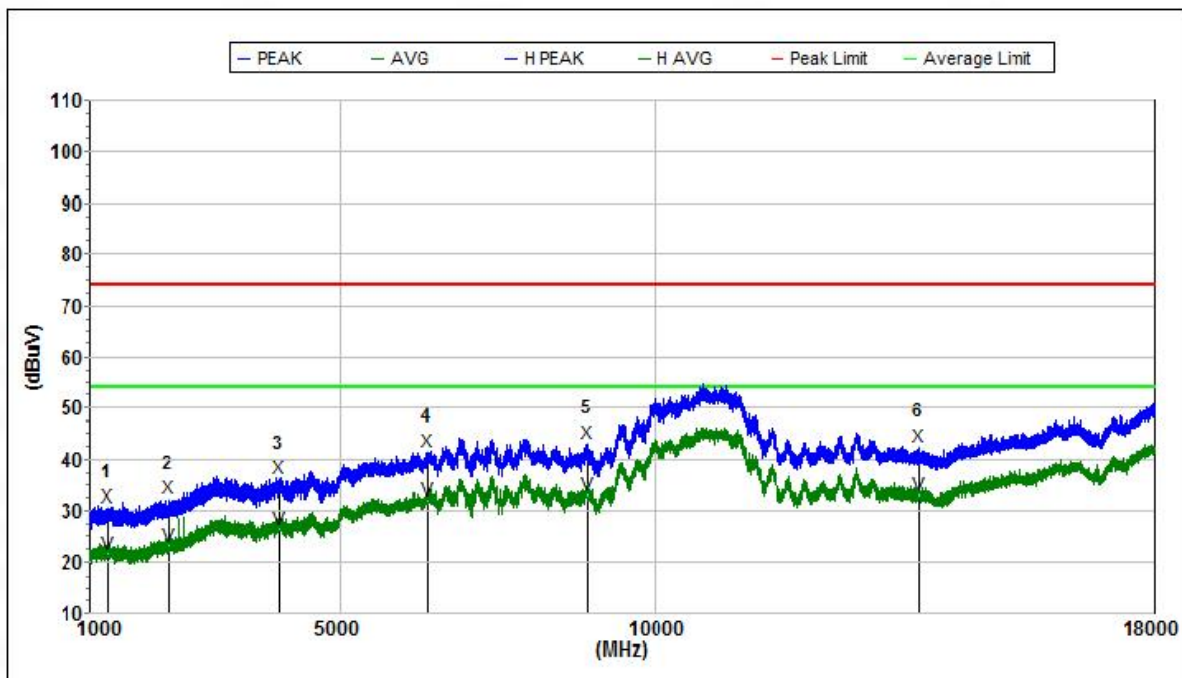
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1339.900       | 31.3              | 74.0              | 42.7           | 100         | 25.6             | 44.1           | H    |
| 2     | 2745.700       | 34.4              | 74.0              | 39.6           | 300         | 28.5             | 42.5           | H    |
| 3     | 4102.300       | 36.6              | 74.0              | 37.4           | 200         | 31.0             | 42.6           | H    |
| 4     | 5524.900       | 40.5              | 74.0              | 33.5           | 100         | 33.0             | 40.6           | H    |
| 5     | 7391.050       | 44.3              | 74.0              | 29.7           | 400         | 36.2             | 40.0           | H    |
| 6     | 13511.450      | 44.0              | 74.0              | 30.0           | 300         | 39.8             | 28.2           | H    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1339.900       | 21.3              | 54.0              | 32.7           | 100         | 25.6             | 44.1           | H    |
| 2     | 2745.700       | 25.6              | 54.0              | 28.4           | 300         | 28.5             | 42.5           | H    |
| 3     | 4102.300       | 27.9              | 54.0              | 26.1           | 200         | 31.0             | 42.6           | H    |
| 4     | 5524.900       | 31.5              | 54.0              | 22.5           | 100         | 33.0             | 40.6           | H    |
| 5     | 7391.050       | 35.0              | 54.0              | 19.0           | 400         | 36.2             | 40.0           | H    |
| 6     | 13511.450      | 35.4              | 54.0              | 18.6           | 300         | 39.8             | 28.2           | H    |

## 802.11ac40\_CH38 5190 Vertical



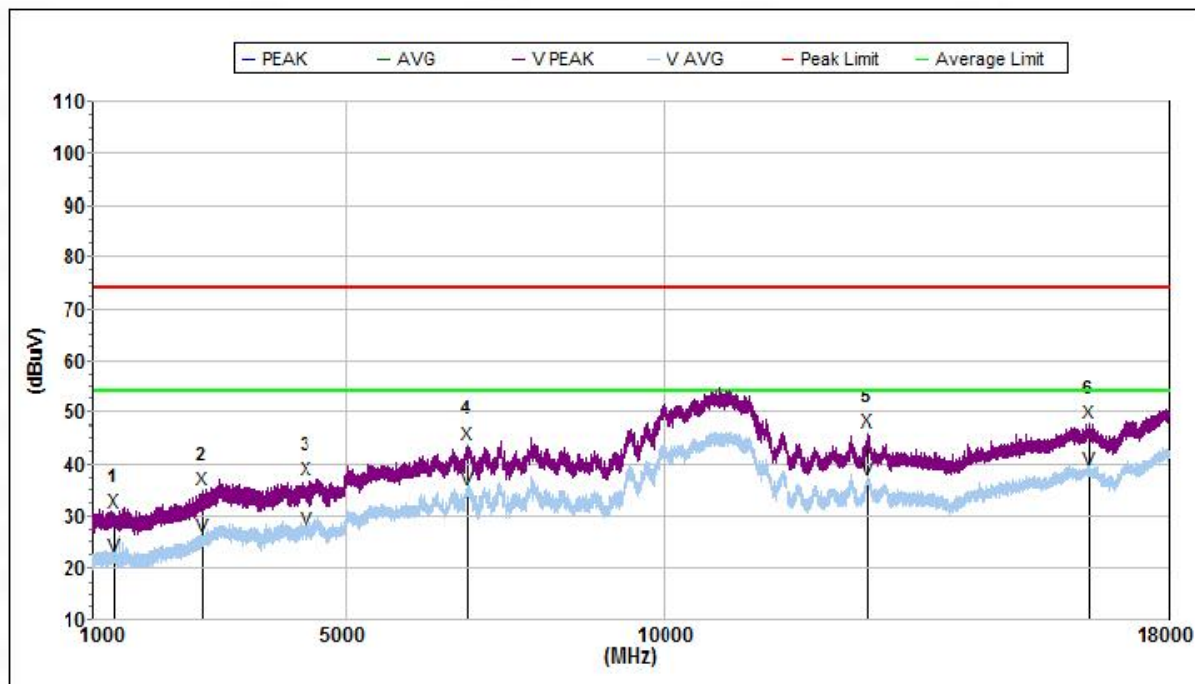
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 1403.800    | 31.8           | 74.0           | 42.2        | 100      | 25.5          | 44.0        | V    |
| 2     | 1847.800    | 30.2           | 74.0           | 43.8        | 300      | 25.4          | 43.9        | V    |
| 3     | 2467.300    | 33.3           | 74.0           | 40.7        | 200      | 27.5          | 43.5        | V    |
| 4     | 4373.200    | 36.9           | 74.0           | 37.1        | 100      | 31.4          | 42.5        | V    |
| 5     | 6379.300    | 41.8           | 74.0           | 32.2        | 400      | 35.0          | 40.7        | V    |
| 6     | 13764.450   | 43.7           | 74.0           | 30.3        | 300      | 39.8          | 28.0        | V    |
| Avg   |             |                |                |             |          |               |             |      |
| 1     | 1403.800    | 25.0           | 54.0           | 29.0        | 100      | 25.5          | 44.0        | V    |
| 2     | 1847.800    | 21.5           | 54.0           | 32.5        | 300      | 25.4          | 43.9        | V    |
| 3     | 2467.300    | 23.3           | 54.0           | 30.7        | 200      | 27.5          | 43.5        | V    |
| 4     | 4373.200    | 27.9           | 54.0           | 26.1        | 100      | 31.4          | 42.5        | V    |
| 5     | 6379.300    | 32.7           | 54.0           | 21.3        | 400      | 35.0          | 40.7        | V    |
| 6     | 13764.450   | 33.9           | 54.0           | 20.1        | 300      | 39.8          | 28.0        | V    |

## 802.11ac40\_CH46 5230 Horizontal



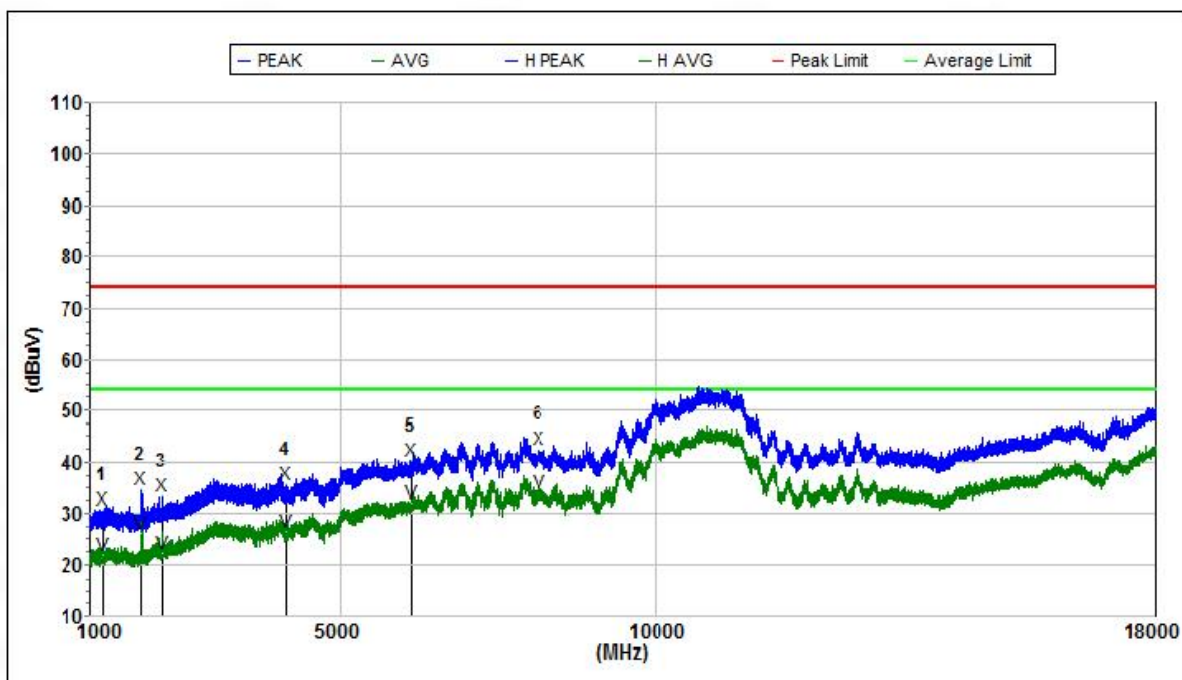
| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1297.600       | 30.6              | 74.0              | 43.4           | 100         | 25.6             | 44.1           | H    |
| 2     | 2239.000       | 32.4              | 74.0              | 41.6           | 300         | 27.0             | 43.7           | H    |
| 3     | 4004.200       | 36.3              | 74.0              | 37.7           | 200         | 30.9             | 42.7           | H    |
| 4     | 6399.100       | 41.6              | 74.0              | 32.4           | 100         | 35.1             | 40.7           | H    |
| 5     | 8943.700       | 43.1              | 74.0              | 30.9           | 400         | 37.8             | 44.7           | H    |
| 6     | 14233.050      | 42.6              | 74.0              | 31.4           | 300         | 39.6             | 27.7           | H    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1297.600       | 21.5              | 54.0              | 32.5           | 100         | 25.6             | 44.1           | H    |
| 2     | 2239.000       | 23.2              | 54.0              | 30.8           | 300         | 27.0             | 43.7           | H    |
| 3     | 4004.200       | 26.6              | 54.0              | 27.4           | 200         | 30.9             | 42.7           | H    |
| 4     | 6399.100       | 32.1              | 54.0              | 21.9           | 100         | 35.1             | 40.7           | H    |
| 5     | 8943.700       | 33.1              | 54.0              | 20.9           | 400         | 37.8             | 44.7           | H    |
| 6     | 14233.050      | 32.9              | 54.0              | 21.1           | 300         | 39.6             | 27.7           | H    |

## 802.11ac40\_CH46 5230 Vertical



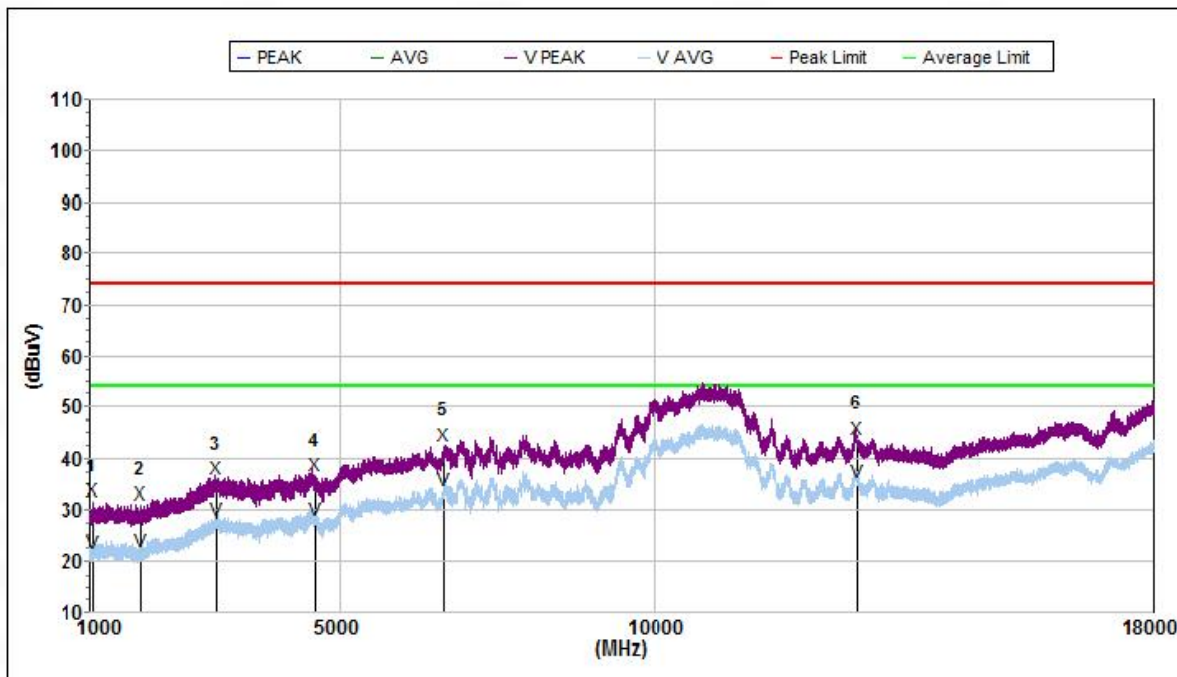
| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 1343.800    | 30.6           | 74.0           | 43.4        | 100      | 25.6          | 44.1        | V    |
| 2     | 2738.500    | 35.0           | 74.0           | 39.0        | 300      | 28.5          | 42.5        | V    |
| 3     | 4375.000    | 36.9           | 74.0           | 37.1        | 200      | 31.4          | 42.5        | V    |
| 4     | 6922.300    | 43.8           | 74.0           | 30.2        | 100      | 35.9          | 40.1        | V    |
| 5     | 13219.950   | 46.1           | 74.0           | 27.9        | 400      | 39.7          | 28.4        | V    |
| 6     | 16738.850   | 47.8           | 74.0           | 26.2        | 300      | 38.8          | 25.9        | V    |
| Avg   |             |                |                |             |          |               |             |      |
| 1     | 1343.800    | 22.1           | 54.0           | 31.9        | 100      | 25.6          | 44.1        | V    |
| 2     | 2738.500    | 26.1           | 54.0           | 27.9        | 300      | 28.5          | 42.5        | V    |
| 3     | 4375.000    | 27.5           | 54.0           | 26.5        | 200      | 31.4          | 42.5        | V    |
| 4     | 6922.300    | 35.0           | 54.0           | 19.0        | 100      | 35.9          | 40.1        | V    |
| 5     | 13219.950   | 37.0           | 54.0           | 17.0        | 400      | 39.7          | 28.4        | V    |
| 6     | 16738.850   | 39.0           | 54.0           | 15.0        | 300      | 38.8          | 25.9        | V    |

## 802.11ac80\_CH42 5210 Horizontal



| Mk.   | Freq.<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB) | Amp.G.<br>(dB) | Pol. |
|-------|----------------|-------------------|-------------------|----------------|-------------|------------------|----------------|------|
| Peak: |                |                   |                   |                |             |                  |                |      |
| 1     | 1215.700       | 30.8              | 74.0              | 43.2           | 100         | 25.7             | 44.1           | H    |
| 2     | 1816.300       | 34.7              | 74.0              | 39.3           | 300         | 25.2             | 43.9           | H    |
| 3     | 2133.700       | 33.5              | 74.0              | 40.5           | 200         | 26.8             | 43.7           | H    |
| 4     | 4105.000       | 35.6              | 74.0              | 38.4           | 100         | 31.0             | 42.6           | H    |
| 5     | 6105.700       | 40.2              | 74.0              | 33.8           | 400         | 34.4             | 41.1           | H    |
| 6     | 8168.200       | 42.6              | 74.0              | 31.4           | 300         | 37.1             | 40.8           | H    |
| Avg   |                |                   |                   |                |             |                  |                |      |
| 1     | 1215.700       | 21.7              | 54.0              | 32.3           | 100         | 25.7             | 44.1           | H    |
| 2     | 1816.300       | 26.2              | 54.0              | 27.8           | 300         | 25.2             | 43.9           | H    |
| 3     | 2133.700       | 22.3              | 54.0              | 31.7           | 200         | 26.8             | 43.7           | H    |
| 4     | 4105.000       | 26.3              | 54.0              | 27.7           | 100         | 31.0             | 42.6           | H    |
| 5     | 6105.700       | 32.0              | 54.0              | 22.0           | 400         | 34.4             | 41.1           | H    |
| 6     | 8168.200       | 34.0              | 54.0              | 20.0           | 300         | 37.1             | 40.8           | H    |

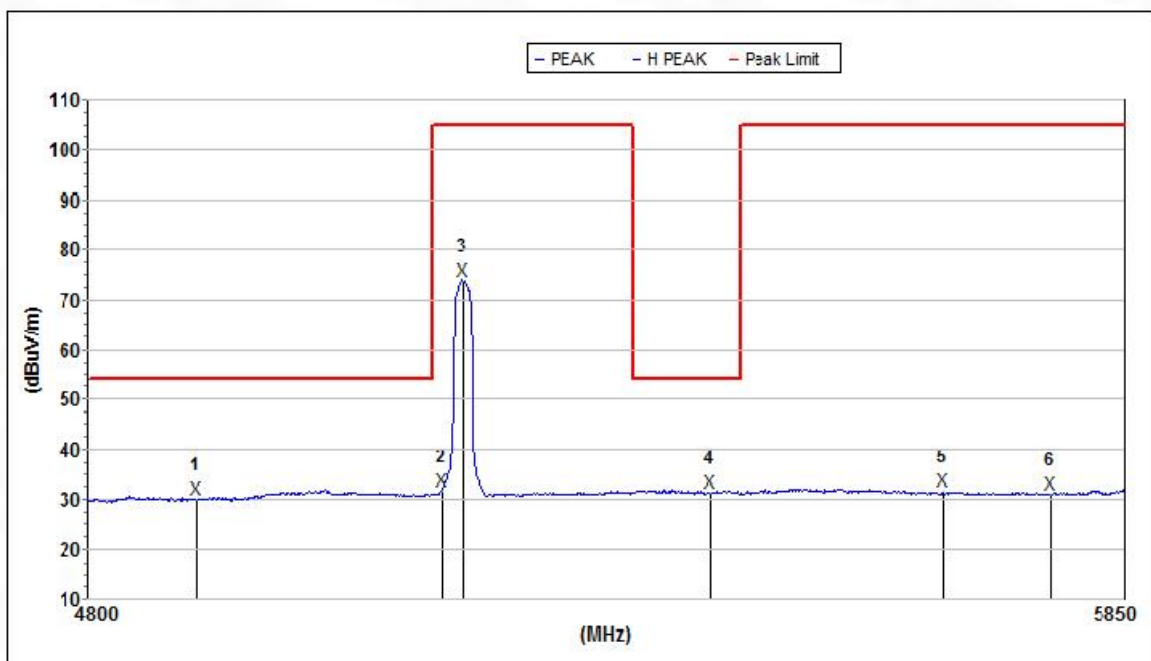
## 802.11ac80\_CH42 5210 Vertical



| Mk.   | Freq. (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Hi. (cm) | Ant.F/G. (dB) | Amp.G. (dB) | Pol. |
|-------|-------------|----------------|----------------|-------------|----------|---------------|-------------|------|
| Peak: |             |                |                |             |          |               |             |      |
| 1     | 1061.200    | 31.7           | 74.0           | 42.3        | 100      | 25.1          | 44.2        | V    |
| 2     | 1806.700    | 31.1           | 74.0           | 42.9        | 300      | 25.1          | 43.9        | V    |
| 3     | 3024.100    | 36.1           | 74.0           | 37.9        | 200      | 29.4          | 41.5        | V    |
| 4     | 4606.000    | 36.8           | 74.0           | 37.2        | 100      | 31.9          | 42.2        | V    |
| 5     | 6664.300    | 42.7           | 74.0           | 31.3        | 400      | 35.5          | 40.4        | V    |
| 6     | 13251.850   | 44.0           | 74.0           | 30.0        | 300      | 39.7          | 28.4        | V    |
| Avg   |             |                |                |             |          |               |             |      |
| 1     | 1061.200    | 21.5           | 54.0           | 32.5        | 100      | 25.1          | 44.2        | V    |
| 2     | 1806.700    | 22.0           | 54.0           | 32.0        | 300      | 25.1          | 43.9        | V    |
| 3     | 3024.100    | 28.1           | 54.0           | 25.9        | 200      | 29.4          | 41.5        | V    |
| 4     | 4606.000    | 28.0           | 54.0           | 26.0        | 100      | 31.9          | 42.2        | V    |
| 5     | 6664.300    | 33.7           | 54.0           | 20.3        | 400      | 35.5          | 40.4        | V    |
| 6     | 13251.850   | 35.4           | 54.0           | 18.6        | 300      | 39.7          | 28.4        | V    |

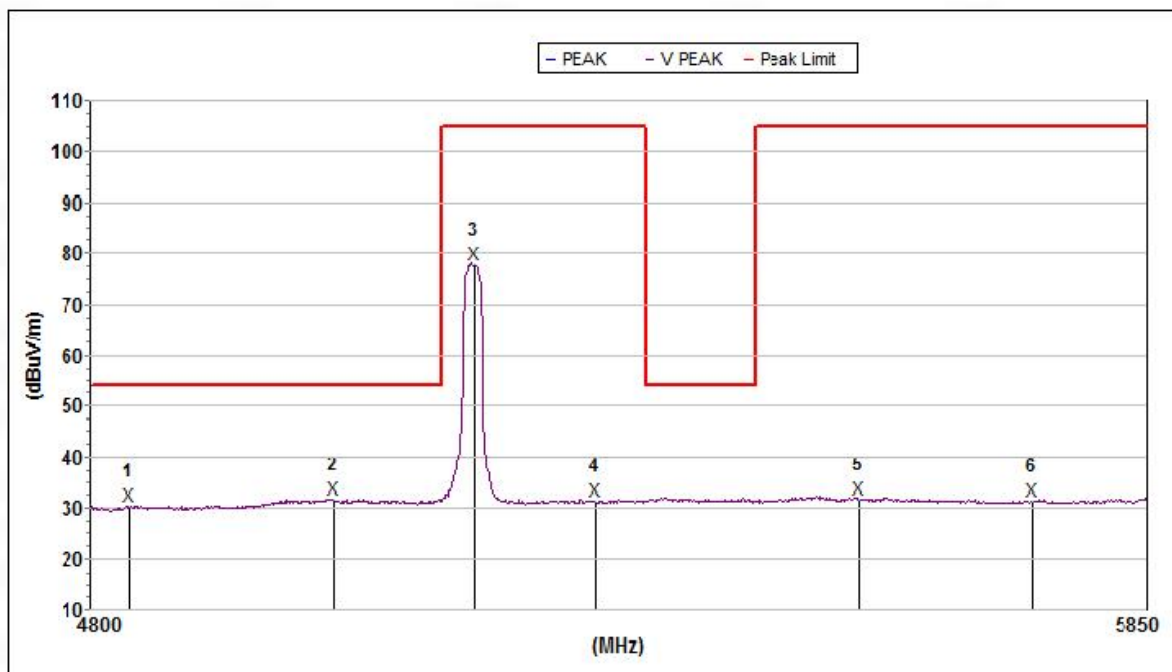
## Test Result of Restricted Band

802.11a CH36 5180 Horizontal



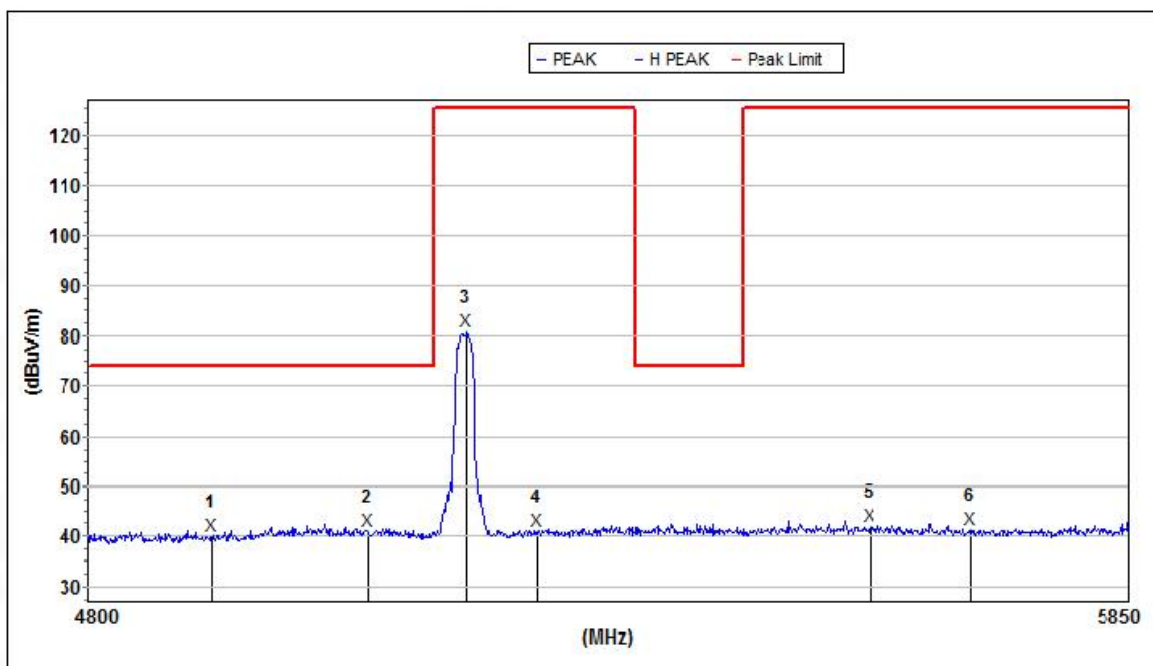
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4910.451           | 30.1              | 54.0              | 23.9           | 100         | 32.8               | 41.7           | H    |
| 2   | 5158.390           | 31.8              | 105.2             | 73.4           | 300         | 33.0               | 41.3           | H    |
| 3   | 5179.864           | 73.8              | 105.2             | 31.4           | 200         | 33.0               | 41.2           | H    |
| 4   | 5429.578           | 31.4              | 54.0              | 22.6           | 100         | 32.9               | 40.7           | H    |
| 5   | 5665.493           | 31.6              | 105.2             | 73.6           | 200         | 33.3               | 40.8           | H    |
| 6   | 5774.116           | 31.0              | 105.2             | 74.2           | 300         | 33.6               | 40.9           | H    |

## 802.11a CH36 5180 Vertical



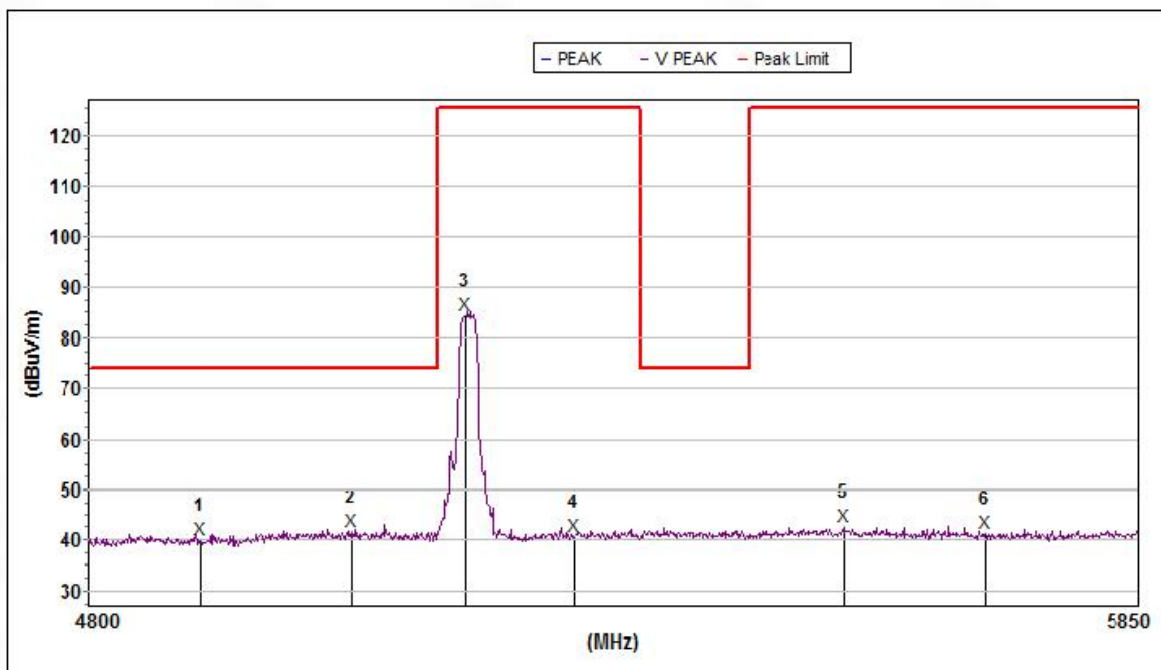
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4839.090           | 30.3              | 54.0              | 23.7           | 100         | 32.6               | 41.9           | V    |
| 2   | 5042.362           | 31.6              | 54.0              | 22.4           | 300         | 33.0               | 41.5           | V    |
| 3   | 5181.914           | 77.6              | 105.2             | 27.6           | 200         | 33.0               | 41.2           | V    |
| 4   | 5302.202           | 31.4              | 105.2             | 73.8           | 100         | 33.0               | 41.0           | V    |
| 5   | 5563.314           | 31.8              | 105.2             | 73.4           | 200         | 33.1               | 40.7           | V    |
| 6   | 5735.409           | 31.3              | 105.2             | 73.9           | 300         | 33.5               | 40.9           | V    |

## 802.11a CH36 5180 Horizontal



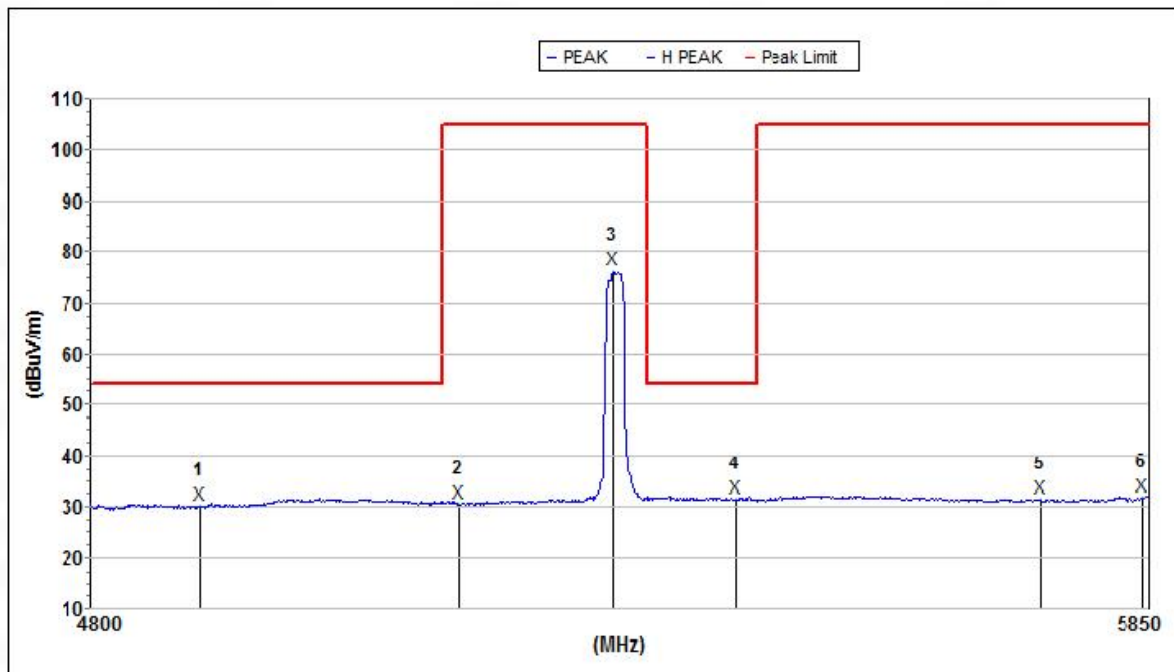
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4925.044           | 40.2              | 74.0              | 33.8           | 100         | 32.8               | 41.7           | H    |
| 2    | 5081.415           | 41.0              | 74.0              | 33.0           | 300         | 33.0               | 41.4           | H    |
| 3    | 5181.914           | 80.9              | 125.2             | 44.3           | 200         | 33.0               | 41.2           | H    |
| 4    | 5253.132           | 41.2              | 125.2             | 84.0           | 100         | 33.0               | 41.1           | H    |
| 5    | 5588.684           | 42.0              | 125.2             | 83.2           | 200         | 33.1               | 40.7           | H    |
| 6    | 5689.078           | 41.6              | 125.2             | 83.6           | 300         | 33.4               | 40.8           | H    |

## 802.11a CH36 5180 Vertical



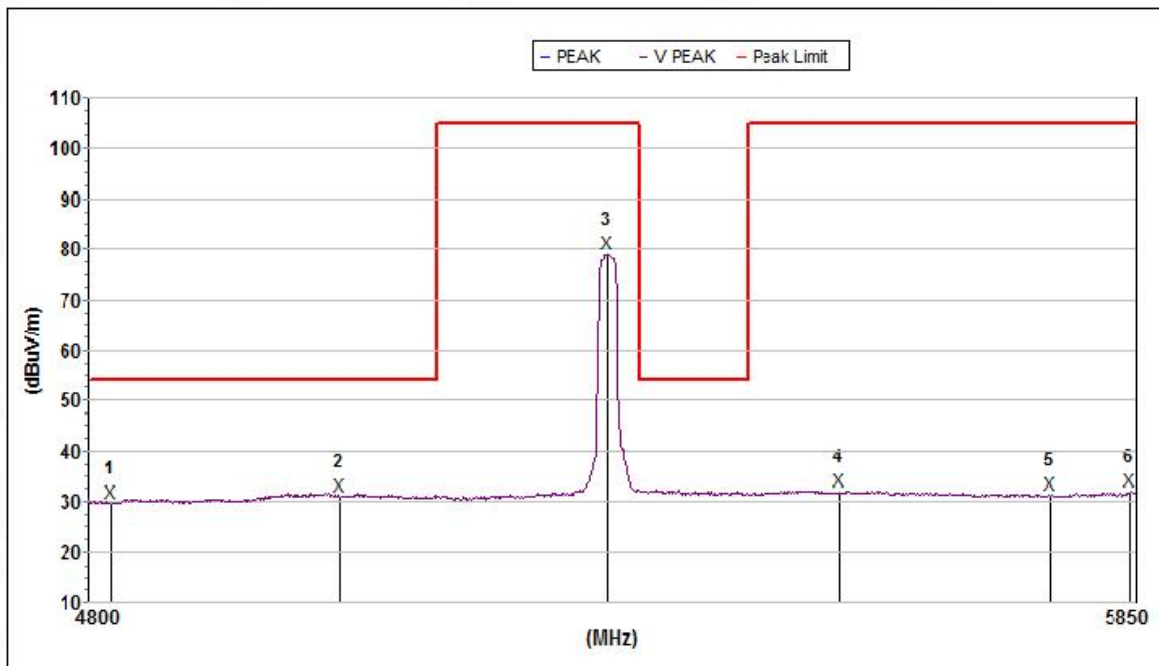
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4911.423           | 40.2              | 74.0              | 33.8           | 100         | 32.8               | 41.7           | V    |
| 2    | 5063.353           | 41.8              | 74.0              | 32.2           | 300         | 33.0               | 41.5           | V    |
| 3    | 5176.791           | 84.6              | 125.2             | 40.6           | 200         | 33.0               | 41.2           | V    |
| 4    | 5285.446           | 40.8              | 125.2             | 84.4           | 100         | 33.0               | 41.0           | V    |
| 5    | 5554.516           | 42.7              | 125.2             | 82.5           | 200         | 33.0               | 40.7           | V    |
| 6    | 5695.835           | 41.5              | 125.2             | 83.7           | 300         | 33.4               | 40.8           | V    |

## 802.11a CH64 5320 Horizontal



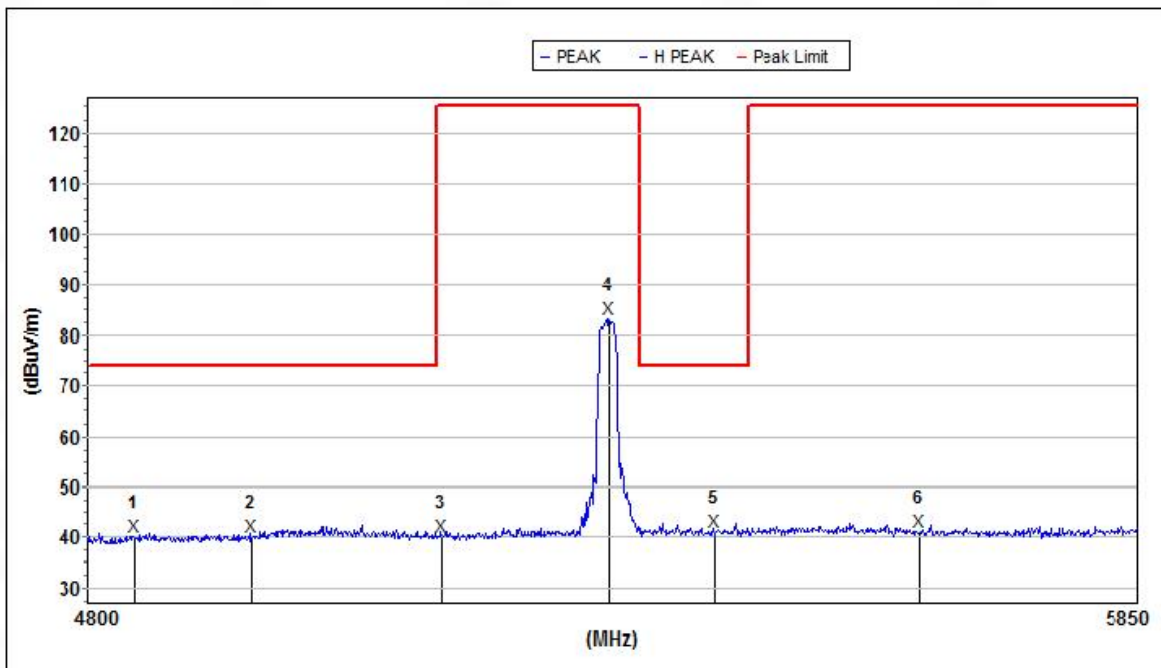
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4909.480           | 30.3              | 54.0              | 23.7           | 100         | 32.8               | 41.7           | H    |
| 2   | 5165.538           | 30.6              | 105.2             | 74.6           | 300         | 33.0               | 41.3           | H    |
| 3   | 5317.959           | 76.3              | 105.2             | 28.9           | 200         | 33.0               | 41.0           | H    |
| 4   | 5439.253           | 31.7              | 54.0              | 22.3           | 100         | 32.9               | 40.7           | H    |
| 5   | 5742.221           | 31.6              | 105.2             | 73.6           | 200         | 33.5               | 40.9           | H    |
| 6   | 5843.060           | 31.9              | 105.2             | 73.3           | 300         | 33.7               | 41.0           | H    |

## 802.11a CH64 5320 Vertical



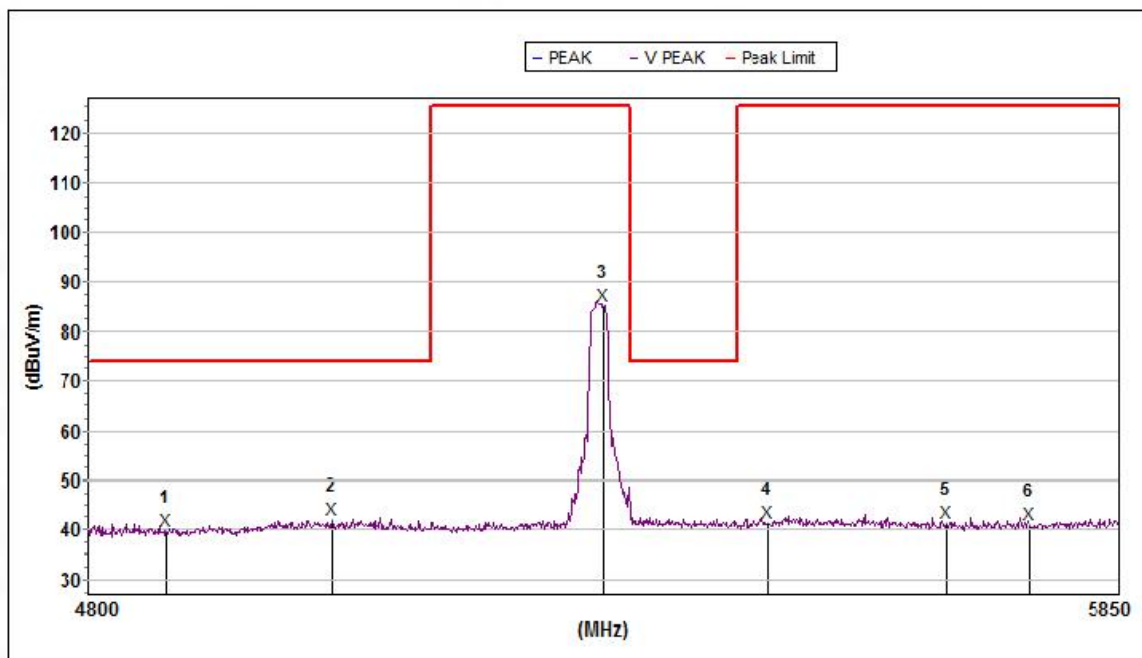
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4821.890           | 29.8              | 54.0              | 24.2           | 100         | 32.5               | 41.9           | V    |
| 2   | 5052.346           | 31.1              | 54.0              | 22.9           | 300         | 33.0               | 41.5           | V    |
| 3   | 5320.064           | 79.0              | 105.2             | 26.2           | 200         | 33.0               | 41.0           | V    |
| 4   | 5551.221           | 31.9              | 105.2             | 73.3           | 100         | 33.0               | 40.7           | V    |
| 5   | 5762.705           | 31.5              | 105.2             | 73.7           | 200         | 33.6               | 40.9           | V    |
| 6   | 5844.216           | 31.9              | 105.2             | 73.3           | 300         | 33.7               | 41.0           | V    |

## 802.11a CH64 5320 Horizontal



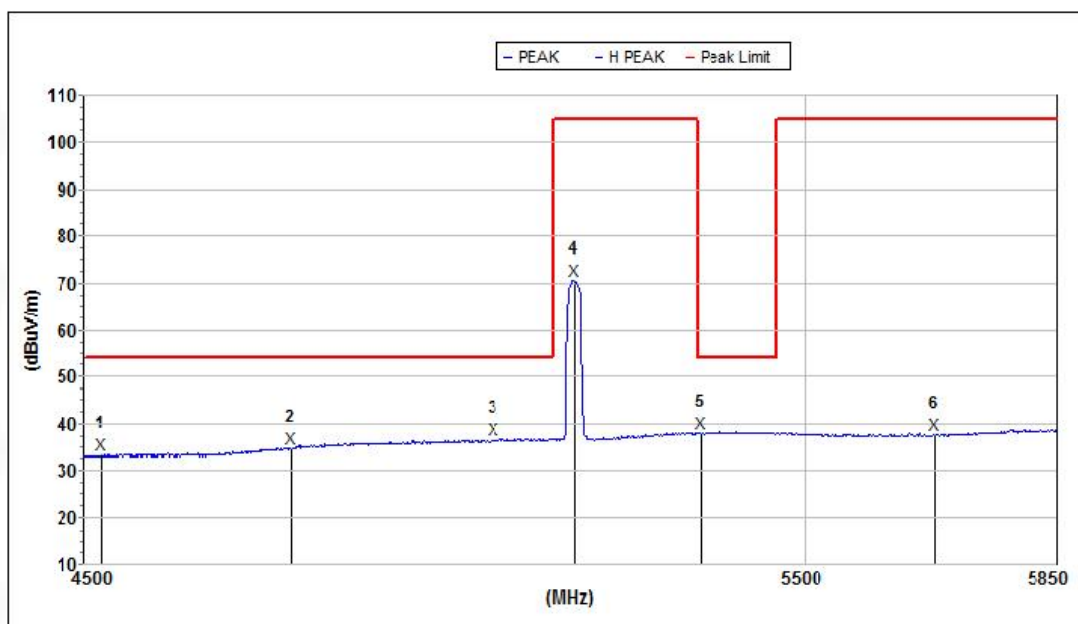
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4846.755           | 40.3              | 74.0              | 33.7           | 100         | 32.6               | 41.8           | H    |
| 2    | 4964.171           | 40.3              | 74.0              | 33.7           | 300         | 33.0               | 41.7           | H    |
| 3    | 5154.310           | 40.2              | 125.2             | 85.0           | 200         | 33.0               | 41.3           | H    |
| 4    | 5321.116           | 83.3              | 125.2             | 41.9           | 100         | 33.0               | 41.0           | H    |
| 5    | 5427.430           | 41.1              | 74.0              | 32.9           | 200         | 32.9               | 40.7           | H    |
| 6    | 5631.969           | 41.3              | 125.2             | 83.9           | 300         | 33.2               | 40.8           | H    |

## 802.11a CH64 5320 Vertical



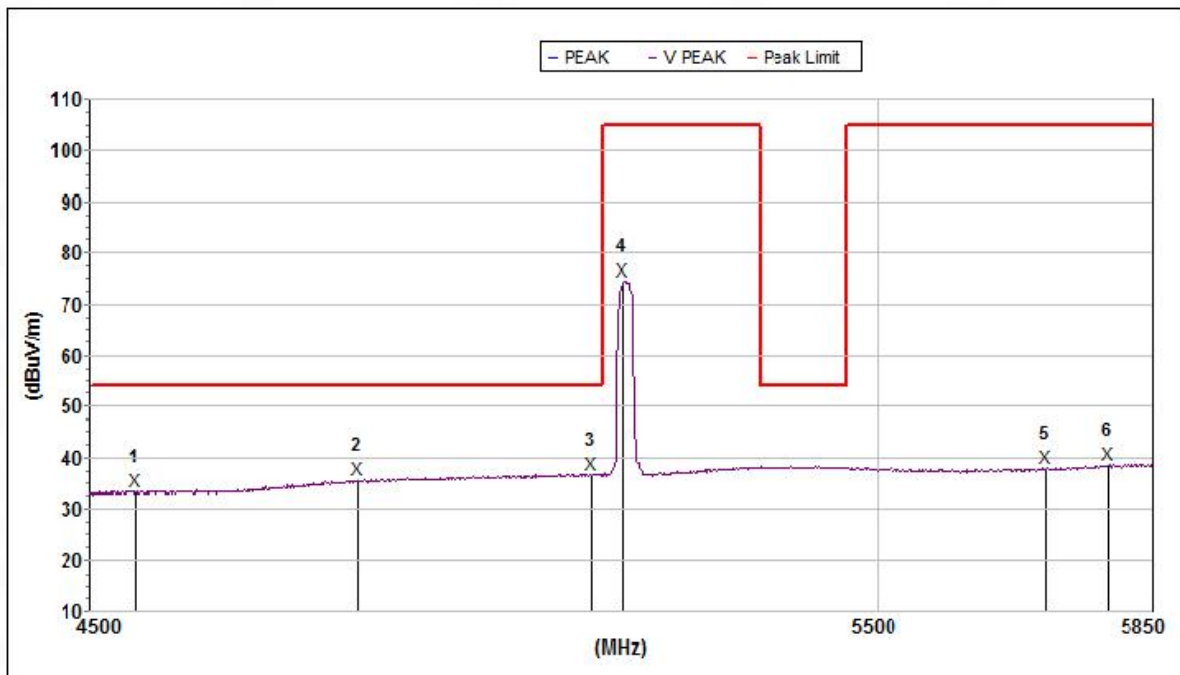
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4878.499           | 39.8              | 74.0              | 34.2           | 100         | 32.7               | 41.8           | V    |
| 2    | 5048.350           | 42.1              | 74.0              | 31.9           | 300         | 33.0               | 41.5           | V    |
| 3    | 5324.275           | 85.1              | 125.2             | 40.1           | 200         | 33.0               | 41.0           | V    |
| 4    | 5492.235           | 41.4              | 125.2             | 83.8           | 100         | 32.9               | 40.6           | V    |
| 5    | 5673.344           | 41.5              | 125.2             | 83.7           | 200         | 33.3               | 40.8           | V    |
| 6    | 5759.286           | 41.0              | 125.2             | 84.2           | 300         | 33.5               | 40.9           | V    |

## 802.11ac20 CH36 5180 Horizontal



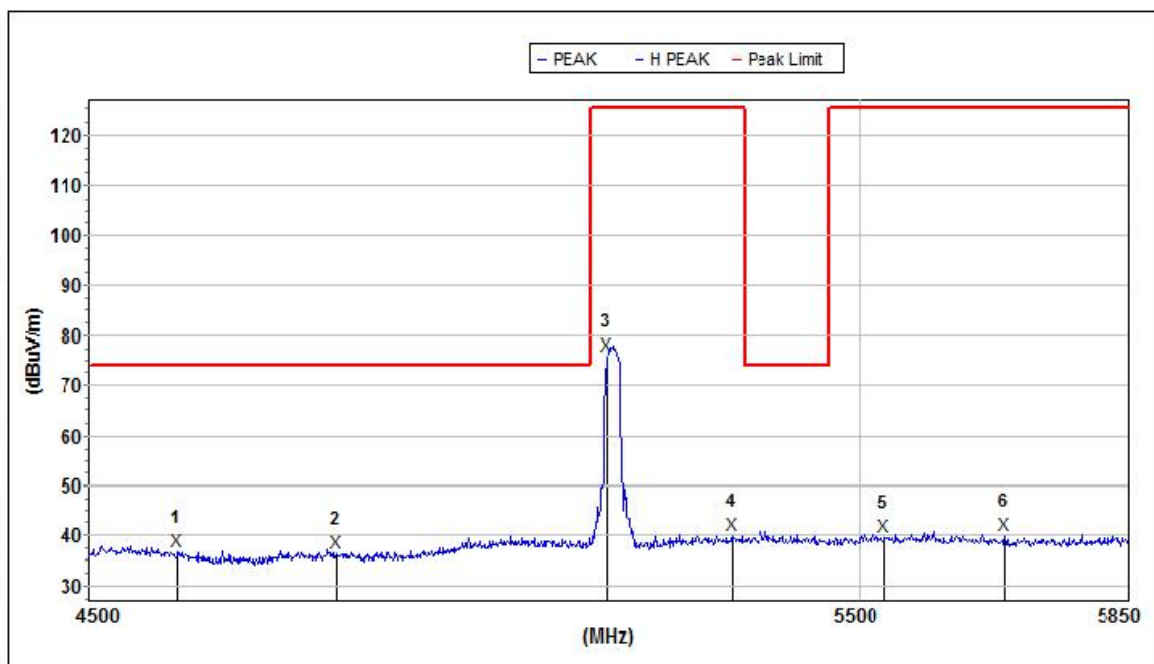
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4524.862           | 33.3              | 54.0              | 20.7           | 100         | 31.7               | 42.4           | H    |
| 2   | 4788.694           | 34.8              | 54.0              | 19.2           | 300         | 32.5               | 41.9           | H    |
| 3   | 5069.239           | 36.5              | 54.0              | 17.5           | 200         | 33.1               | 41.5           | H    |
| 4   | 5179.480           | 70.6              | 105.2             | 34.6           | 100         | 33.0               | 41.2           | H    |
| 5   | 5356.374           | 38.0              | 54.0              | 16.0           | 400         | 33.0               | 40.9           | H    |
| 6   | 5680.600           | 37.6              | 105.2             | 67.6           | 300         | 33.3               | 40.8           | H    |

## 802.11ac20 CH36 5180 Vertical



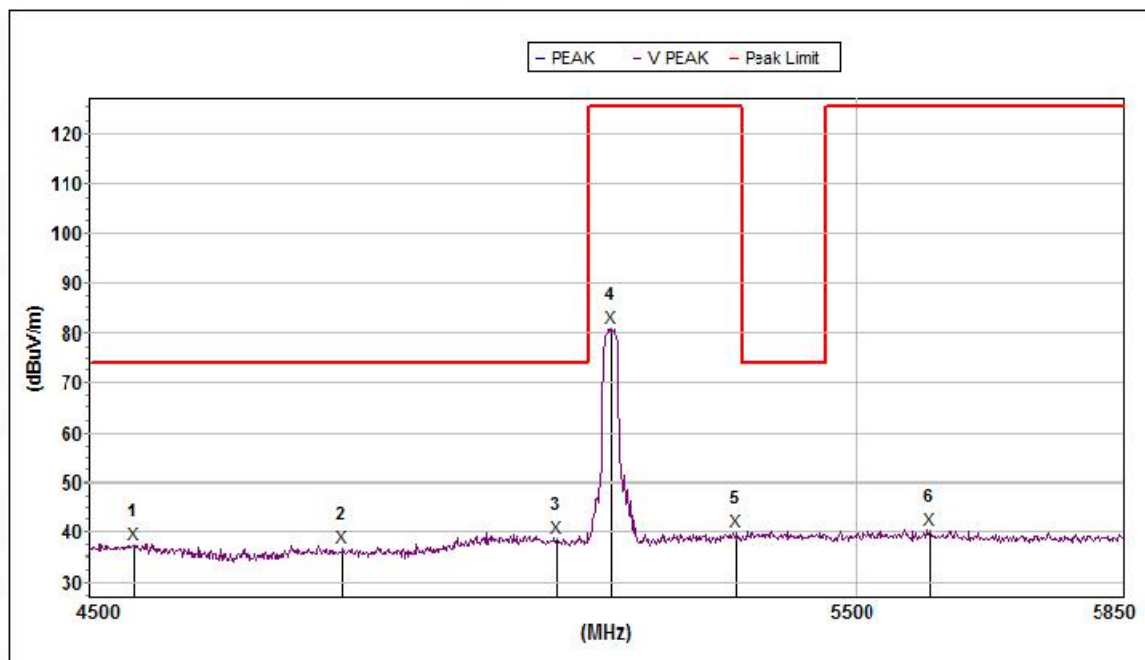
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4557.029           | 33.4              | 54.0              | 20.6           | 100         | 31.8               | 42.3           | V    |
| 2   | 4839.214           | 35.5              | 54.0              | 18.5           | 300         | 32.6               | 41.9           | V    |
| 3   | 5137.525           | 36.8              | 54.0              | 17.2           | 200         | 33.0               | 41.3           | V    |
| 4   | 5176.763           | 74.6              | 105.2             | 30.6           | 100         | 33.0               | 41.2           | V    |
| 5   | 5714.983           | 37.8              | 105.2             | 67.4           | 400         | 33.4               | 40.9           | V    |
| 6   | 5791.966           | 38.6              | 105.2             | 66.6           | 300         | 33.6               | 41.0           | V    |

## 802.11ac20 CH36 5180 Horizontal



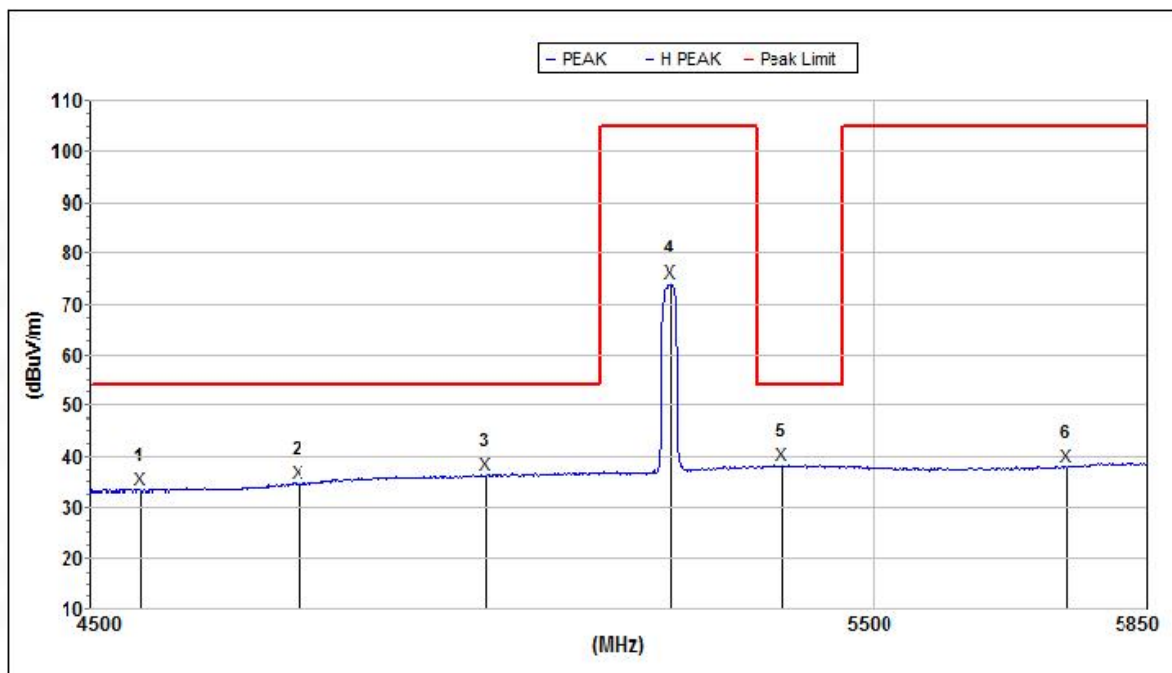
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4613.570           | 36.9              | 74.0              | 37.1           | 100         | 31.9               | 42.2           | H    |
| 2    | 4821.472           | 36.4              | 74.0              | 37.6           | 300         | 32.6               | 41.9           | H    |
| 3    | 5172.690           | 75.9              | 125.2             | 49.3           | 200         | 33.0               | 41.3           | H    |
| 4    | 5333.936           | 40.0              | 125.2             | 85.2           | 100         | 33.0               | 40.9           | H    |
| 5    | 5533.500           | 39.9              | 125.2             | 85.3           | 400         | 33.0               | 40.6           | H    |
| 6    | 5689.549           | 40.3              | 125.2             | 84.9           | 300         | 33.4               | 40.8           | H    |

## 802.11ac20 CH36 5180 Vertical



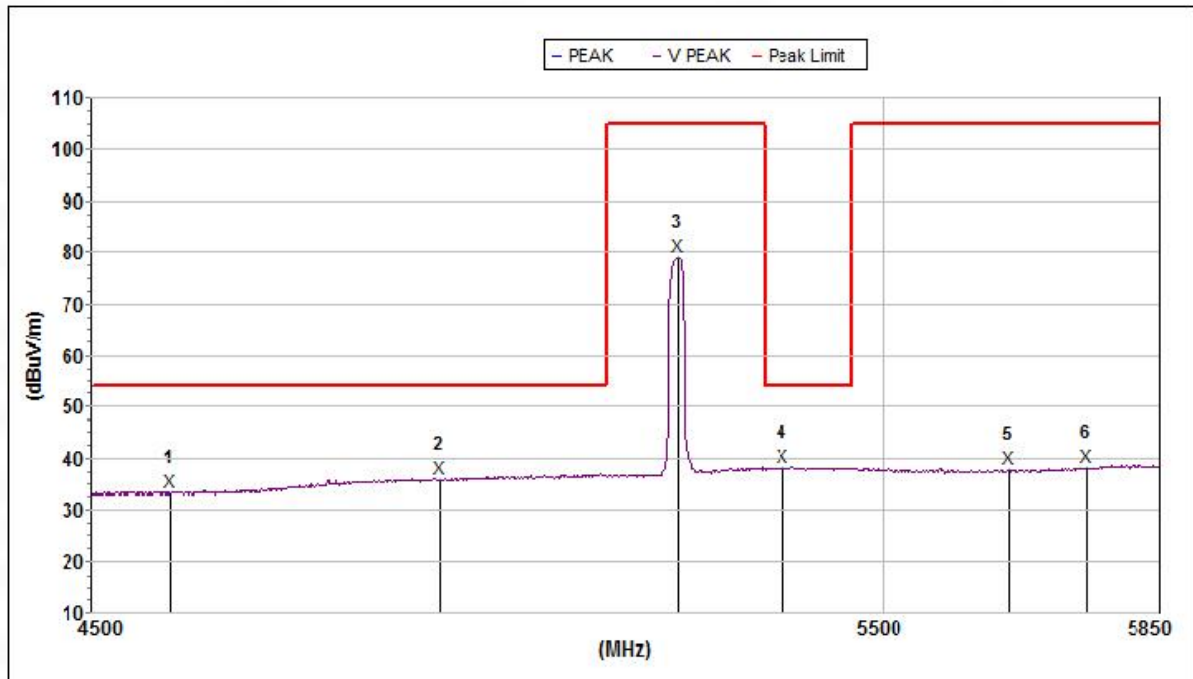
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4558.225           | 37.5              | 74.0              | 36.5           | 100         | 31.8               | 42.3           | V    |
| 2    | 4830.335           | 37.0              | 74.0              | 37.0           | 300         | 32.6               | 41.9           | V    |
| 3    | 5110.637           | 39.0              | 74.0              | 35.0           | 200         | 33.1               | 41.4           | V    |
| 4    | 5180.839           | 81.0              | 125.2             | 44.2           | 100         | 33.0               | 41.2           | V    |
| 5    | 5343.741           | 40.0              | 125.2             | 85.2           | 400         | 33.0               | 40.9           | V    |
| 6    | 5596.280           | 40.4              | 125.2             | 84.8           | 300         | 33.1               | 40.7           | V    |

## 802.11ac20 CH48 5240 Horizontal



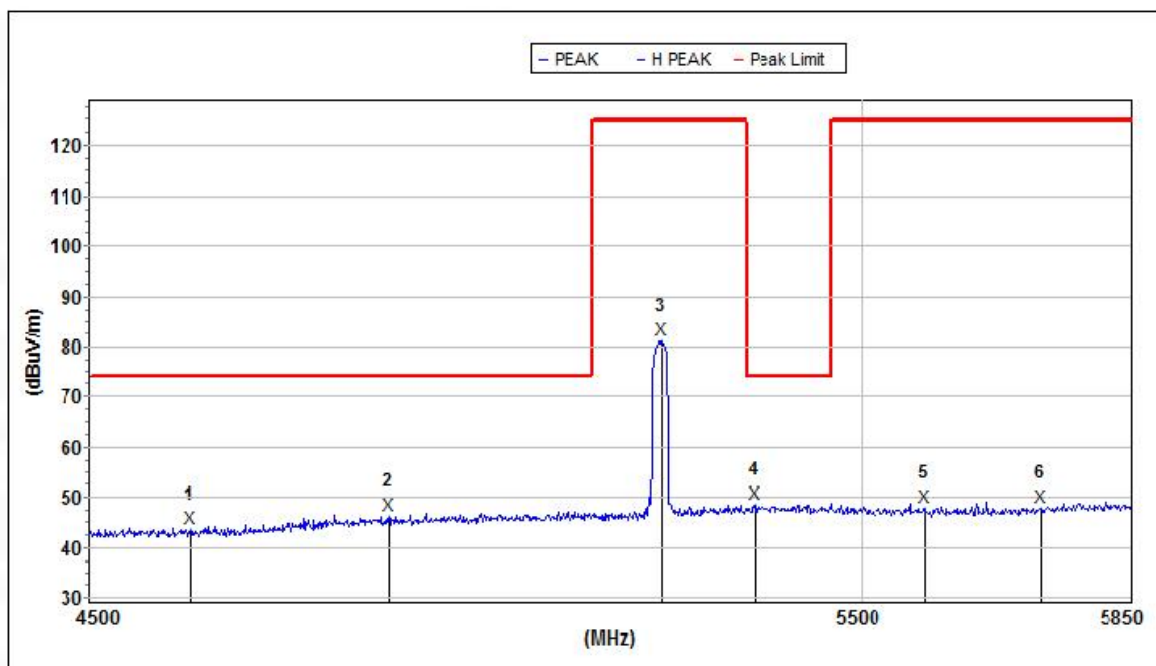
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4564.208           | 33.4              | 54.0              | 20.6           | 100         | 31.8               | 42.3           | H    |
| 2   | 4764.882           | 34.8              | 54.0              | 19.2           | 300         | 32.4               | 42.0           | H    |
| 3   | 5004.487           | 36.3              | 54.0              | 17.7           | 200         | 33.1               | 41.6           | H    |
| 4   | 5240.993           | 74.0              | 105.2             | 31.2           | 100         | 33.0               | 41.1           | H    |
| 5   | 5384.554           | 38.2              | 54.0              | 15.8           | 400         | 32.9               | 40.8           | H    |
| 6   | 5746.557           | 38.1              | 105.2             | 67.1           | 300         | 33.5               | 40.9           | H    |

## 802.11ac20 CH48 5240 Vertical



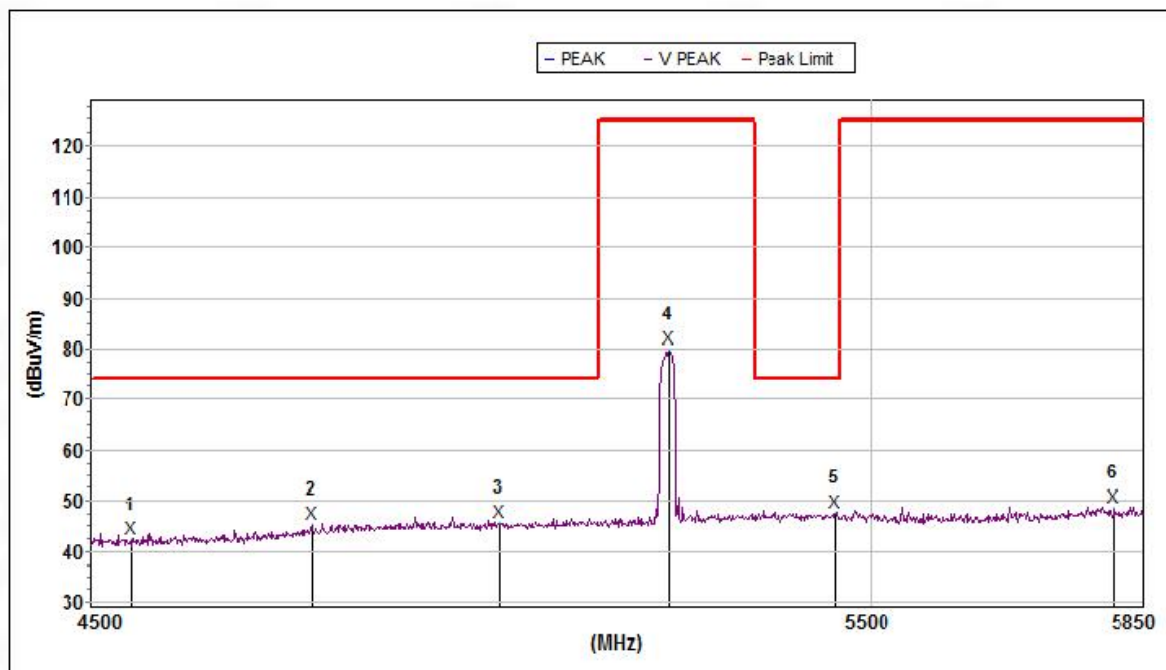
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4599.068           | 33.5              | 54.0              | 20.5           | 100         | 31.9               | 42.2           | V    |
| 2   | 4941.858           | 36.0              | 54.0              | 18.0           | 300         | 32.9               | 41.7           | V    |
| 3   | 5242.368           | 79.1              | 105.2             | 26.1           | 200         | 33.0               | 41.1           | V    |
| 4   | 5373.265           | 38.4              | 54.0              | 15.6           | 100         | 33.0               | 40.9           | V    |
| 5   | 5658.288           | 38.1              | 105.2             | 67.1           | 400         | 33.3               | 40.8           | V    |
| 6   | 5757.121           | 38.2              | 105.2             | 67.0           | 300         | 33.5               | 40.9           | V    |

## 802.11ac20 CH48 5240 Horizontal



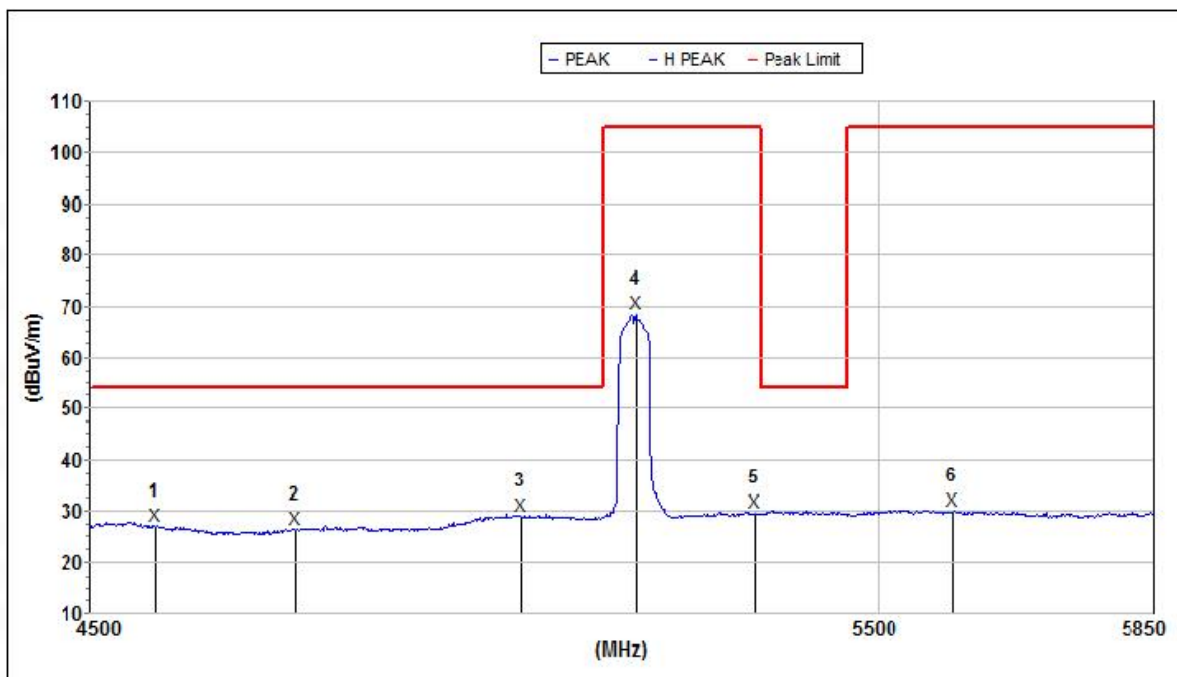
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4631.763           | 43.7              | 74.0              | 30.3           | 100         | 32.0               | 42.2           | H    |
| 2    | 4887.701           | 46.3              | 74.0              | 27.7           | 300         | 32.8               | 41.8           | H    |
| 3    | 5240.993           | 81.4              | 125.2             | 43.8           | 200         | 33.0               | 41.1           | H    |
| 4    | 5361.998           | 48.8              | 74.0              | 25.2           | 100         | 33.0               | 40.9           | H    |
| 5    | 5581.617           | 48.2              | 125.2             | 77.0           | 400         | 33.1               | 40.7           | H    |
| 6    | 5733.004           | 48.2              | 125.2             | 77.0           | 300         | 33.5               | 40.9           | H    |

## 802.11ac20 CH48 5240 Vertical



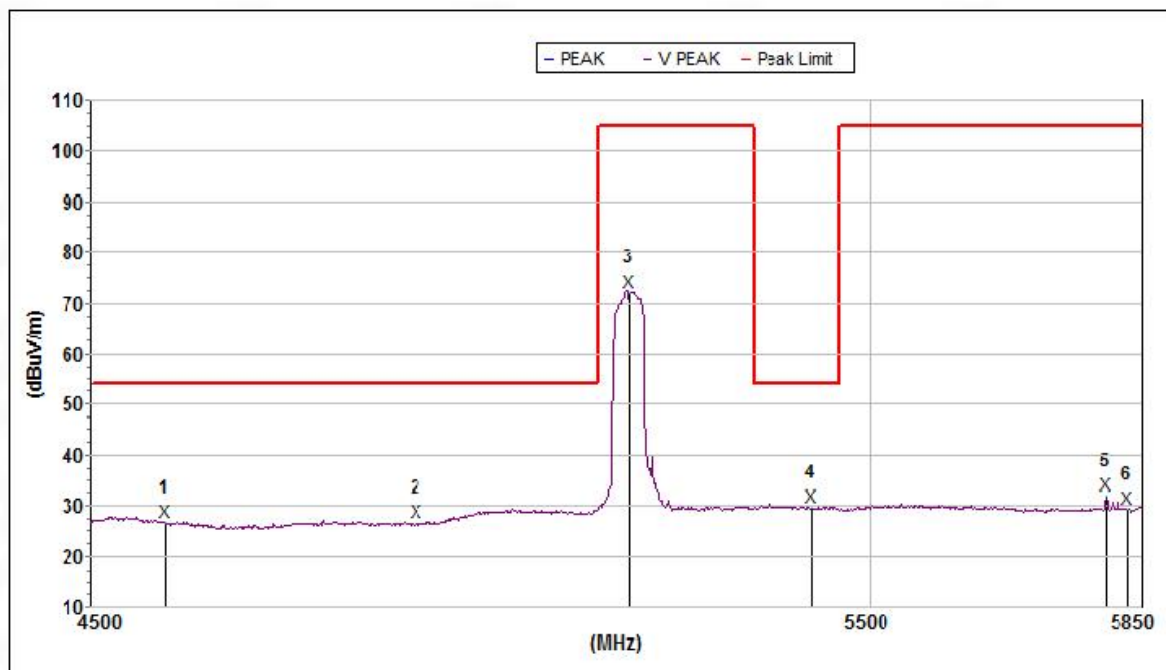
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4551.055           | 42.5              | 74.0              | 31.5           | 100         | 31.8               | 42.3           | V    |
| 2    | 4783.671           | 45.3              | 74.0              | 28.7           | 300         | 32.5               | 41.9           | V    |
| 3    | 5022.903           | 45.8              | 74.0              | 28.2           | 200         | 33.1               | 41.6           | V    |
| 4    | 5242.368           | 80.0              | 125.2             | 45.2           | 100         | 33.0               | 41.1           | V    |
| 5    | 5454.224           | 47.6              | 74.0              | 26.4           | 400         | 32.9               | 40.7           | V    |
| 6    | 5811.755           | 48.9              | 125.2             | 76.3           | 300         | 33.6               | 41.0           | V    |

## 802.11ac40 CH38 5190 Horizontal



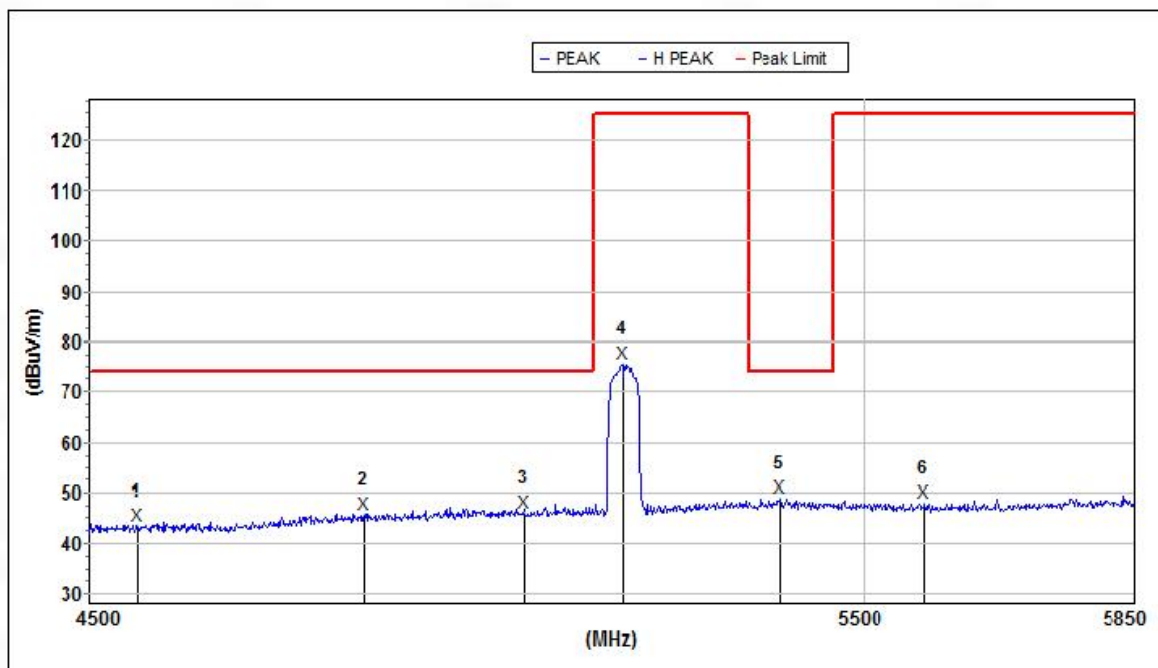
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4583.408           | 27.2              | 54.0              | 26.8           | 100         | 31.9               | 42.3           | H    |
| 2   | 4759.884           | 26.5              | 54.0              | 27.5           | 300         | 32.4               | 42.0           | H    |
| 3   | 5046.680           | 29.0              | 54.0              | 25.0           | 200         | 33.1               | 41.5           | H    |
| 4   | 5191.725           | 68.5              | 105.2             | 36.7           | 100         | 33.0               | 41.2           | H    |
| 5   | 5342.339           | 29.9              | 105.2             | 75.3           | 400         | 33.0               | 40.9           | H    |
| 6   | 5594.812           | 30.1              | 105.2             | 75.1           | 300         | 33.1               | 40.7           | H    |

## 802.11ac40 CH38 5190 Vertical



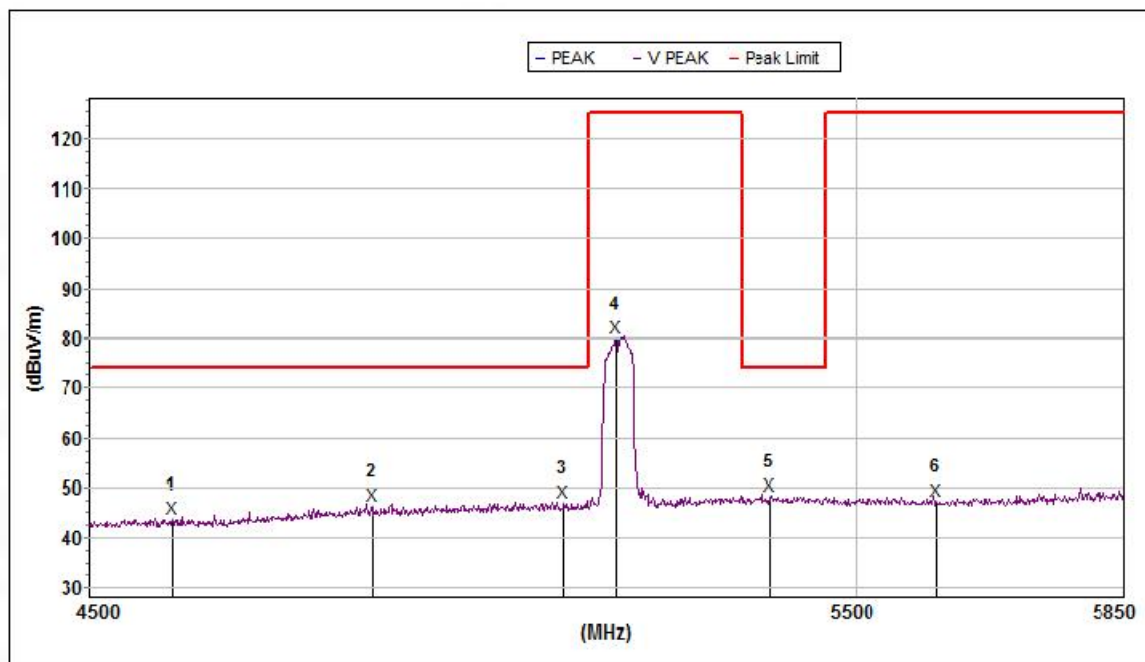
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4594.244           | 26.9              | 54.0              | 27.1           | 100         | 31.9               | 42.2           | V    |
| 2   | 4918.575           | 26.7              | 54.0              | 27.3           | 300         | 32.9               | 41.7           | V    |
| 3   | 5190.363           | 72.3              | 105.2             | 32.9           | 200         | 33.0               | 41.2           | V    |
| 4   | 5425.679           | 29.7              | 54.0              | 24.3           | 100         | 32.9               | 40.7           | V    |
| 5   | 5802.613           | 32.1              | 105.2             | 73.1           | 400         | 33.6               | 41.0           | V    |
| 6   | 5831.611           | 29.5              | 105.2             | 75.7           | 300         | 33.7               | 41.0           | V    |

## 802.11ac40 CH38 5190 Horizontal



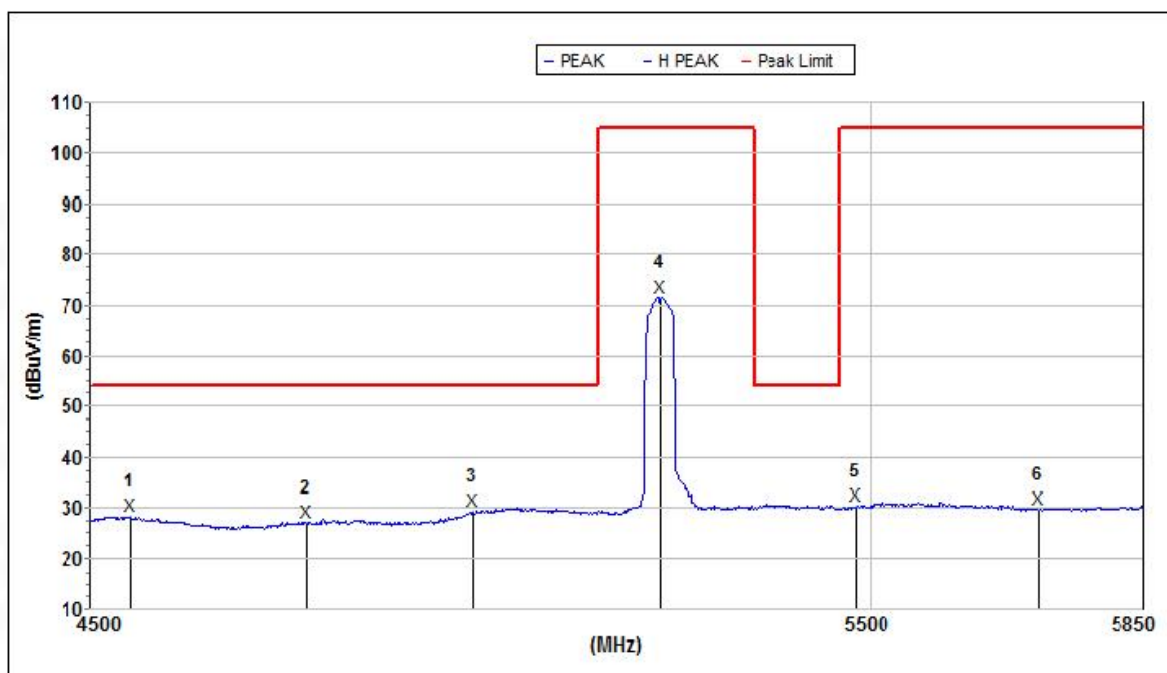
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4561.814           | 43.4              | 74.0              | 30.6           | 100         | 31.8               | 42.3           | H    |
| 2    | 4854.474           | 45.9              | 74.0              | 28.1           | 300         | 32.7               | 41.8           | H    |
| 3    | 5061.266           | 46.1              | 74.0              | 27.9           | 200         | 33.1               | 41.5           | H    |
| 4    | 5187.640           | 75.6              | 125.2             | 49.6           | 100         | 33.0               | 41.2           | H    |
| 5    | 5393.037           | 49.0              | 74.0              | 25.0           | 400         | 32.9               | 40.8           | H    |
| 6    | 5578.689           | 48.0              | 125.2             | 77.2           | 300         | 33.1               | 40.7           | H    |

## 802.11ac40 CH38 5190 Vertical



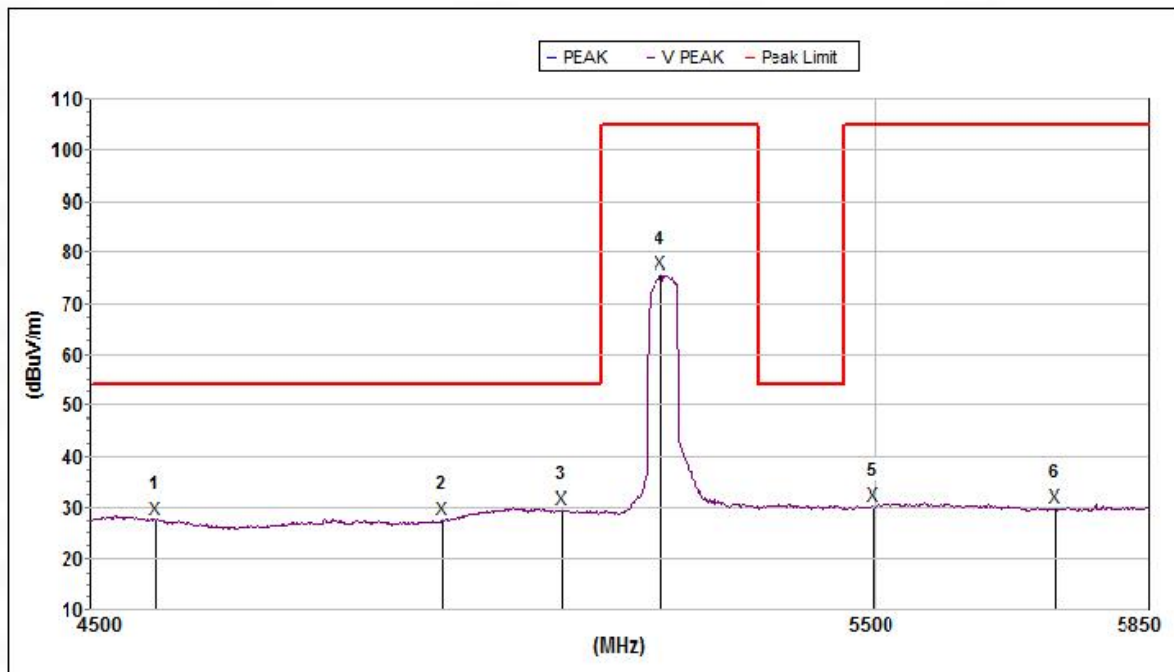
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4606.313           | 43.8              | 74.0              | 30.2           | 100         | 31.9               | 42.2           | V    |
| 2    | 4868.504           | 46.4              | 74.0              | 27.6           | 300         | 32.7               | 41.8           | V    |
| 3    | 5118.688           | 47.2              | 74.0              | 26.8           | 200         | 33.1               | 41.4           | V    |
| 4    | 5186.279           | 79.9              | 125.2             | 45.3           | 100         | 33.0               | 41.2           | V    |
| 5    | 5387.381           | 48.5              | 74.0              | 25.5           | 400         | 32.9               | 40.8           | V    |
| 6    | 5605.097           | 47.4              | 125.2             | 77.8           | 300         | 33.2               | 40.7           | V    |

## 802.11ac40 CH46 5230 Horizontal



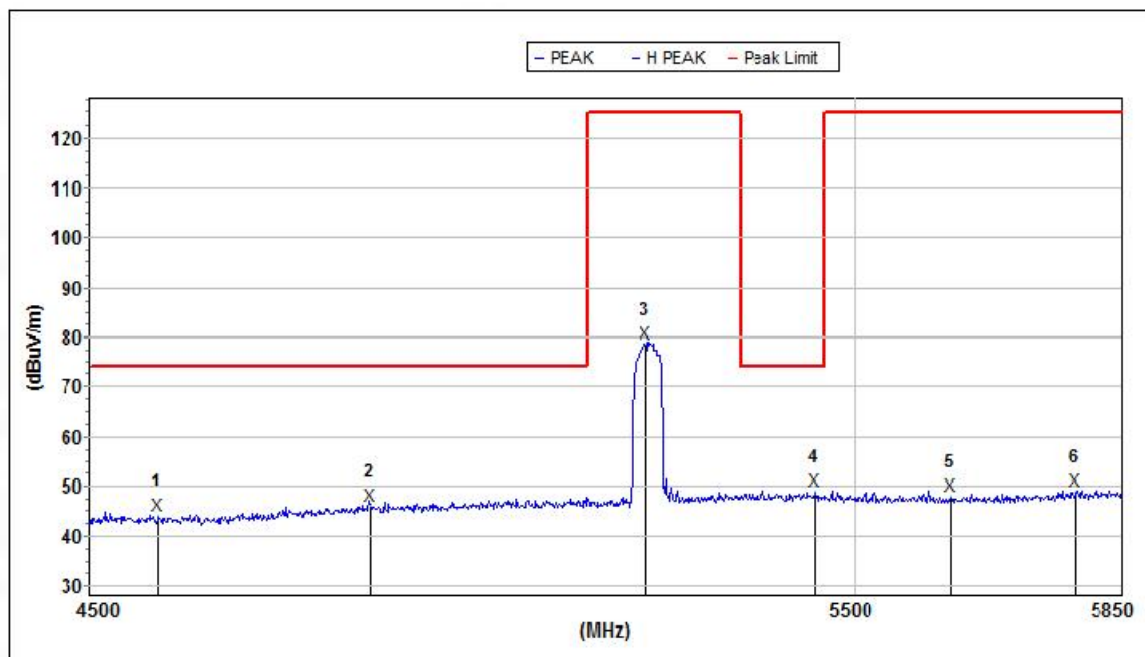
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4551.055           | 28.3              | 54.0              | 25.7           | 100         | 31.8               | 42.3           | H    |
| 2   | 4778.654           | 27.0              | 54.0              | 27.0           | 300         | 32.4               | 42.0           | H    |
| 3   | 4991.374           | 29.4              | 54.0              | 24.6           | 200         | 33.1               | 41.6           | H    |
| 4   | 5231.377           | 71.6              | 105.2             | 33.6           | 100         | 33.0               | 41.1           | H    |
| 5   | 5480.043           | 30.4              | 105.2             | 74.8           | 400         | 32.9               | 40.6           | H    |
| 6   | 5716.482           | 29.9              | 105.2             | 75.3           | 300         | 33.4               | 40.9           | H    |

## 802.11ac40 CH46 5230 Vertical



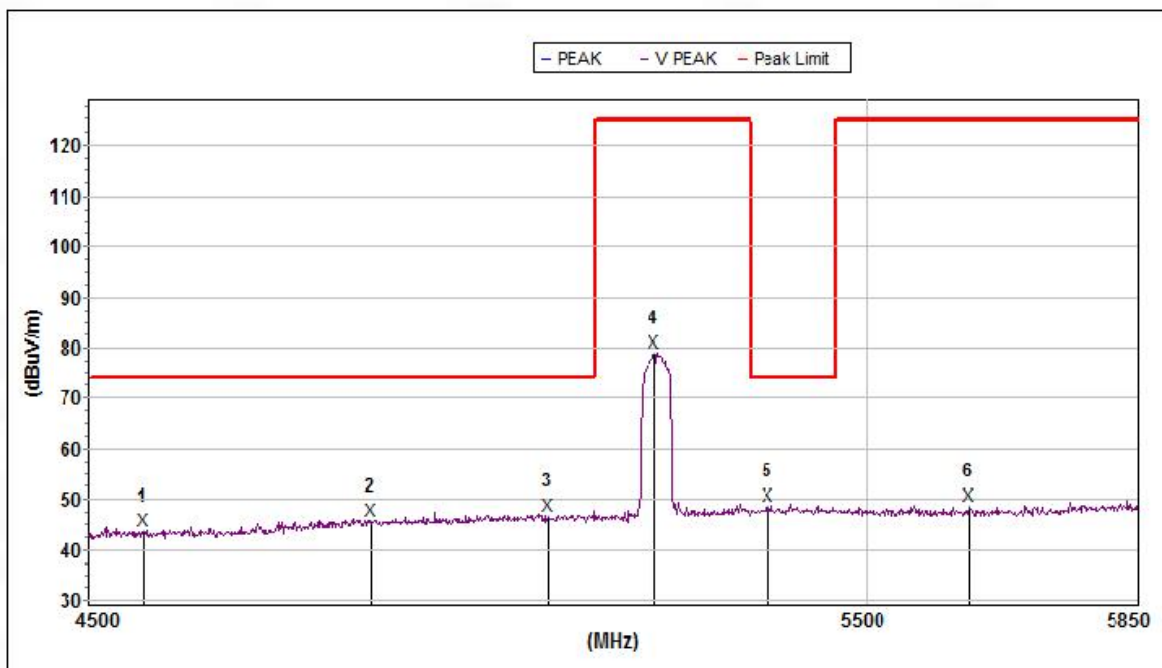
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4582.206           | 27.6              | 54.0              | 26.4           | 100         | 31.8               | 42.3           | V    |
| 2   | 4948.345           | 27.7              | 54.0              | 26.3           | 300         | 32.9               | 41.7           | V    |
| 3   | 5102.598           | 29.6              | 54.0              | 24.4           | 200         | 33.1               | 41.4           | V    |
| 4   | 5227.261           | 75.8              | 105.2             | 29.4           | 100         | 33.0               | 41.1           | V    |
| 5   | 5497.323           | 30.4              | 105.2             | 74.8           | 400         | 32.9               | 40.6           | V    |
| 6   | 5729.996           | 30.1              | 105.2             | 75.1           | 300         | 33.5               | 40.9           | V    |

## 802.11ac40 CH46 5230 Horizontal



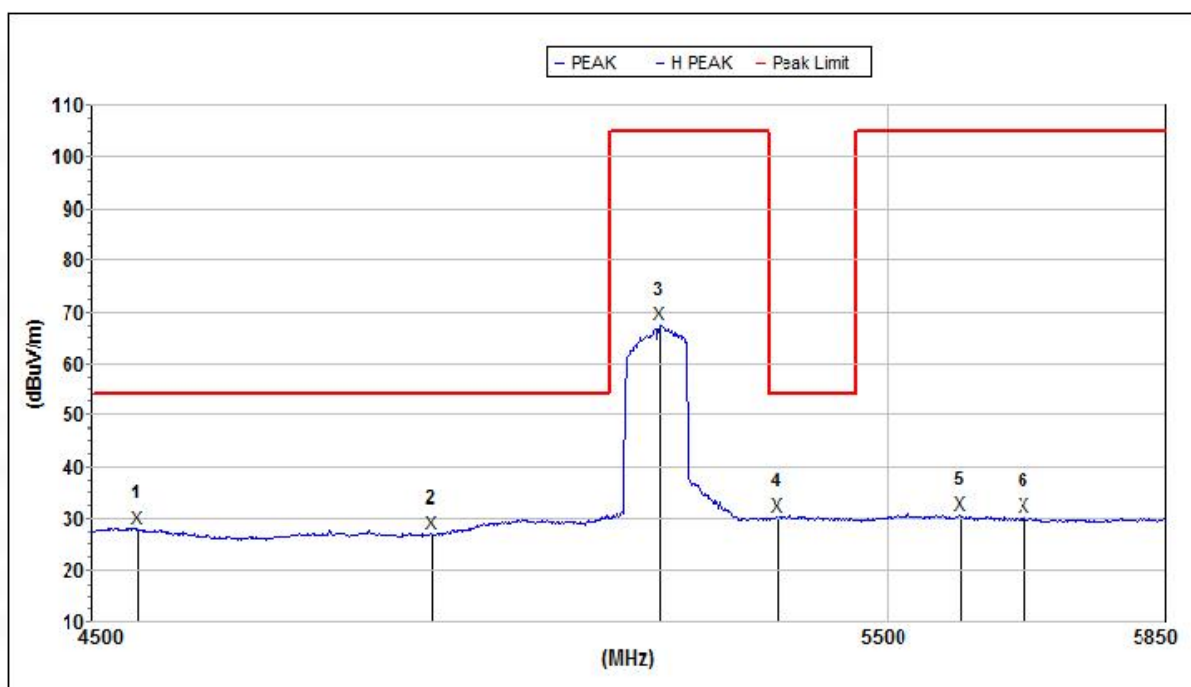
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4589.425           | 44.1              | 74.0              | 29.9           | 100         | 31.9               | 42.3           | H    |
| 2    | 4865.950           | 46.0              | 74.0              | 28.0           | 300         | 32.7               | 41.8           | H    |
| 3    | 5227.261           | 78.7              | 125.2             | 46.5           | 200         | 33.0               | 41.1           | H    |
| 4    | 5448.503           | 48.9              | 74.0              | 25.1           | 100         | 32.9               | 40.7           | H    |
| 5    | 5625.723           | 48.1              | 125.2             | 77.1           | 400         | 33.2               | 40.8           | H    |
| 6    | 5788.928           | 48.9              | 125.2             | 76.3           | 300         | 33.6               | 40.9           | H    |

## 802.11ac40 CH46 5230 Vertical



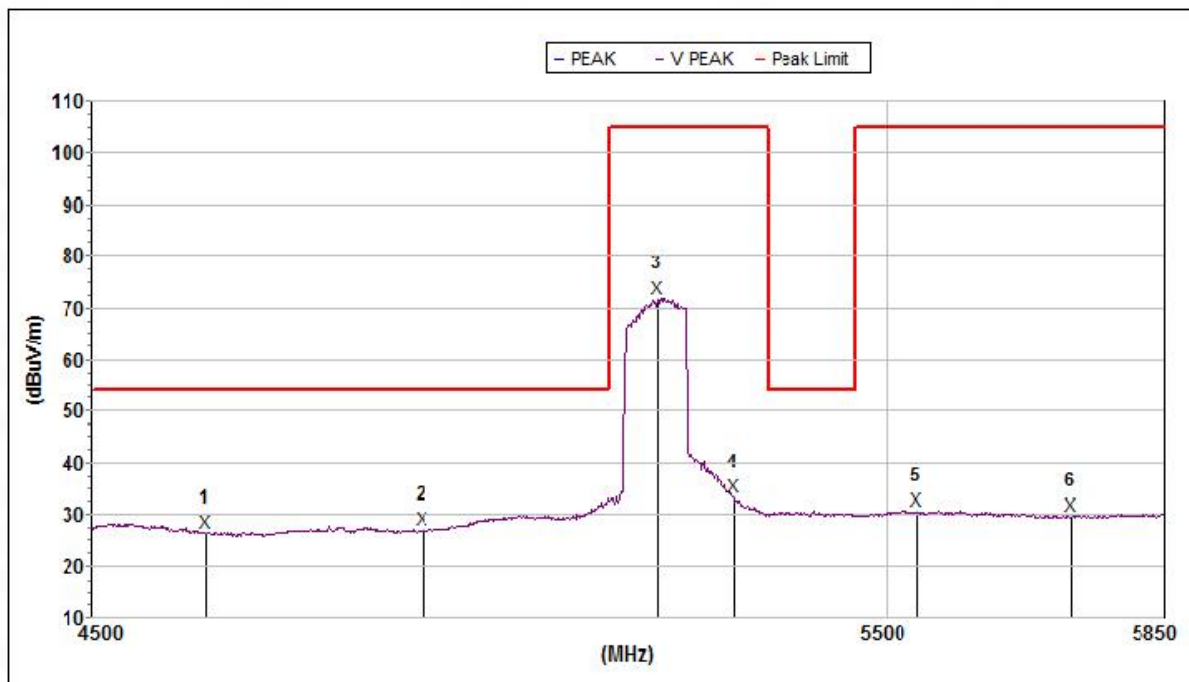
| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4570.200           | 43.9              | 74.0              | 30.1           | 100         | 31.8               | 42.3           | V    |
| 2    | 4863.397           | 45.9              | 74.0              | 28.1           | 300         | 32.7               | 41.8           | V    |
| 3    | 5090.564           | 46.9              | 74.0              | 27.1           | 200         | 33.1               | 41.4           | V    |
| 4    | 5227.261           | 79.0              | 125.2             | 46.2           | 100         | 33.0               | 41.1           | V    |
| 5    | 5373.265           | 48.7              | 74.0              | 25.3           | 400         | 33.0               | 40.9           | V    |
| 6    | 5631.630           | 48.9              | 125.2             | 76.3           | 300         | 33.2               | 40.8           | V    |

## 802.11ac80 CH42 5210 Horizontal



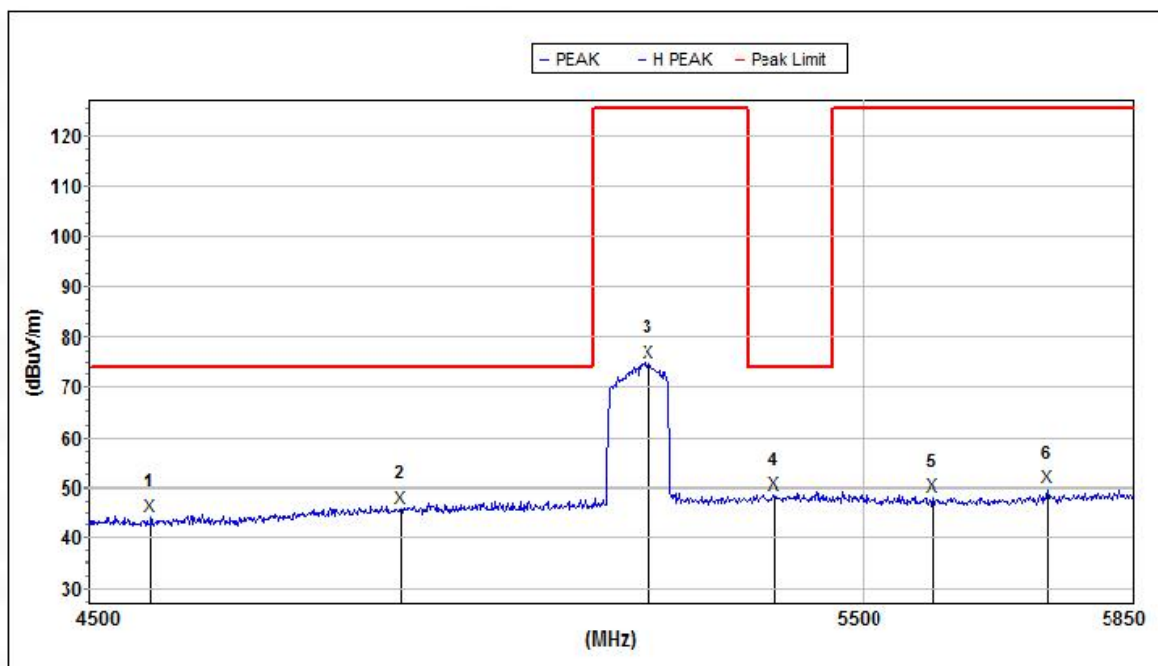
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4557.029           | 28.1              | 54.0              | 25.9           | 100         | 31.8               | 42.3           | H    |
| 2   | 4928.910           | 27.2              | 54.0              | 26.8           | 300         | 32.9               | 41.7           | H    |
| 3   | 5213.564           | 67.5              | 105.2             | 37.7           | 200         | 33.0               | 41.2           | H    |
| 4   | 5360.592           | 30.4              | 54.0              | 23.6           | 100         | 33.0               | 40.9           | H    |
| 5   | 5593.344           | 30.8              | 105.2             | 74.4           | 400         | 33.1               | 40.7           | H    |
| 6   | 5673.153           | 30.3              | 105.2             | 74.9           | 300         | 33.3               | 40.8           | H    |

## 802.11ac80 CH42 5210 Vertical



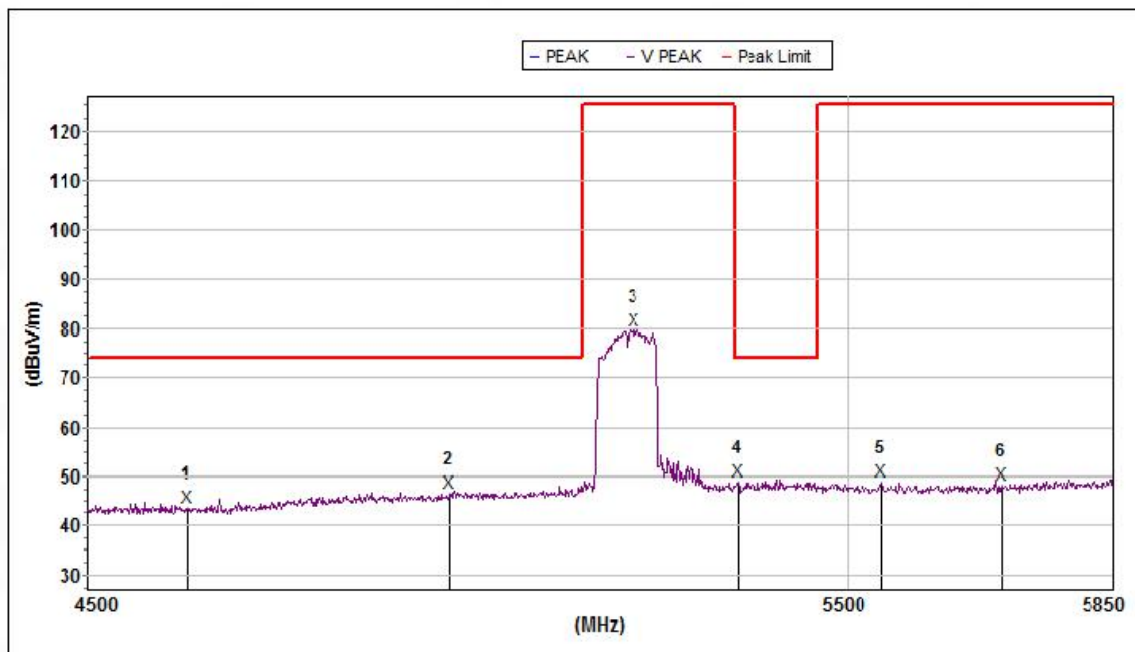
| Mk. | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|-----|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| AVG |                    |                   |                   |                |             |                    |                |      |
| 1   | 4645.149           | 26.6              | 54.0              | 27.4           | 100         | 32.0               | 42.2           | V    |
| 2   | 4917.285           | 27.2              | 54.0              | 26.8           | 300         | 32.9               | 41.7           | V    |
| 3   | 5210.829           | 71.7              | 105.2             | 33.5           | 200         | 33.0               | 41.2           | V    |
| 4   | 5307.413           | 33.2              | 105.2             | 72.0           | 100         | 33.0               | 41.0           | V    |
| 5   | 5537.857           | 30.7              | 105.2             | 74.5           | 400         | 33.0               | 40.6           | V    |
| 6   | 5733.004           | 29.9              | 105.2             | 75.3           | 300         | 33.5               | 40.9           | V    |

## 802.11ac80 CH42 5210 Horizontal



| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4578.601           | 44.3              | 74.0              | 29.7           | 100         | 31.8               | 42.3           | H    |
| 2    | 4901.828           | 46.1              | 74.0              | 27.9           | 300         | 32.8               | 41.8           | H    |
| 3    | 5223.148           | 75.1              | 125.2             | 50.1           | 200         | 33.0               | 41.2           | H    |
| 4    | 5385.967           | 48.7              | 74.0              | 25.3           | 100         | 32.9               | 40.8           | H    |
| 5    | 5590.410           | 48.3              | 125.2             | 76.9           | 400         | 33.1               | 40.7           | H    |
| 6    | 5739.023           | 49.9              | 125.2             | 75.3           | 300         | 33.5               | 40.9           | H    |

## 802.11ac80 CH42 5210 Vertical



| Mk.  | Frequency<br>(MHz) | Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Hi.<br>(cm) | Ant.F/G.<br>(dB/m) | Amp.G.<br>(dB) | Pol. |
|------|--------------------|-------------------|-------------------|----------------|-------------|--------------------|----------------|------|
| Peak |                    |                   |                   |                |             |                    |                |      |
| 1    | 4631.763           | 43.7              | 74.0              | 30.3           | 100         | 32.0               | 42.2           | V    |
| 2    | 4976.990           | 46.7              | 74.0              | 27.3           | 300         | 33.0               | 41.6           | V    |
| 3    | 5219.039           | 79.6              | 125.2             | 45.6           | 200         | 33.0               | 41.2           | V    |
| 4    | 5354.969           | 49.0              | 74.0              | 25.0           | 100         | 33.0               | 40.9           | V    |
| 5    | 5545.126           | 49.0              | 125.2             | 76.2           | 400         | 33.0               | 40.7           | V    |
| 6    | 5703.000           | 48.4              | 125.2             | 76.8           | 300         | 33.4               | 40.8           | V    |

\*\*\*\*\*END OF APPENDIX A4\*\*\*\*\*