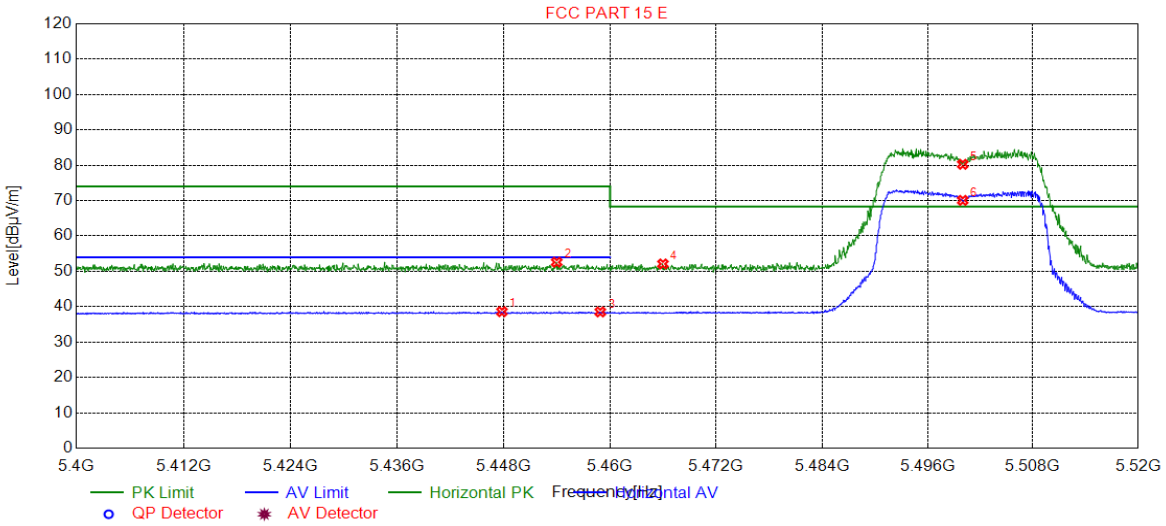
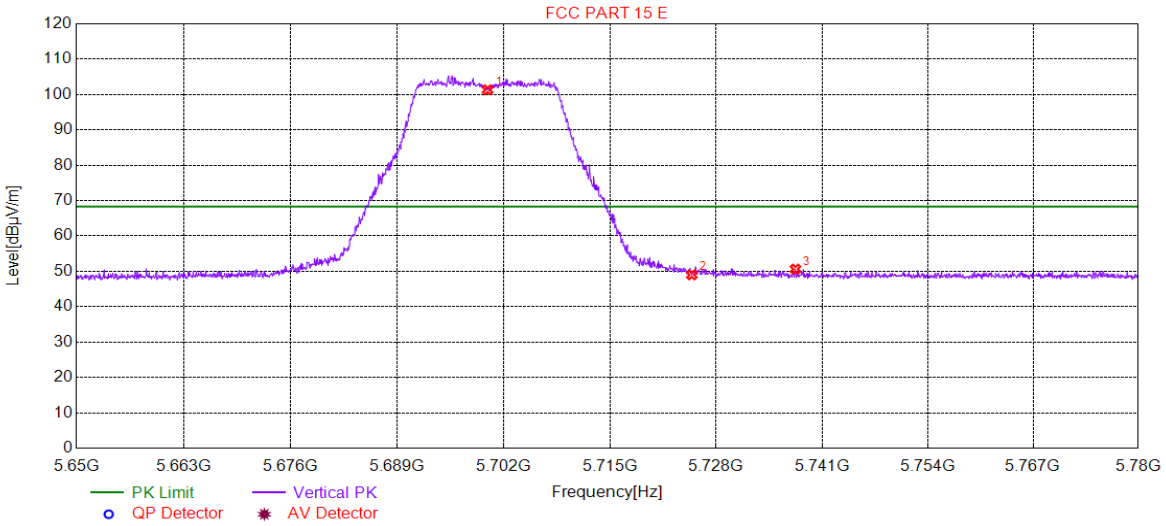
### 4.4.1.26 11N20_MIMO_100 _ Horizontal



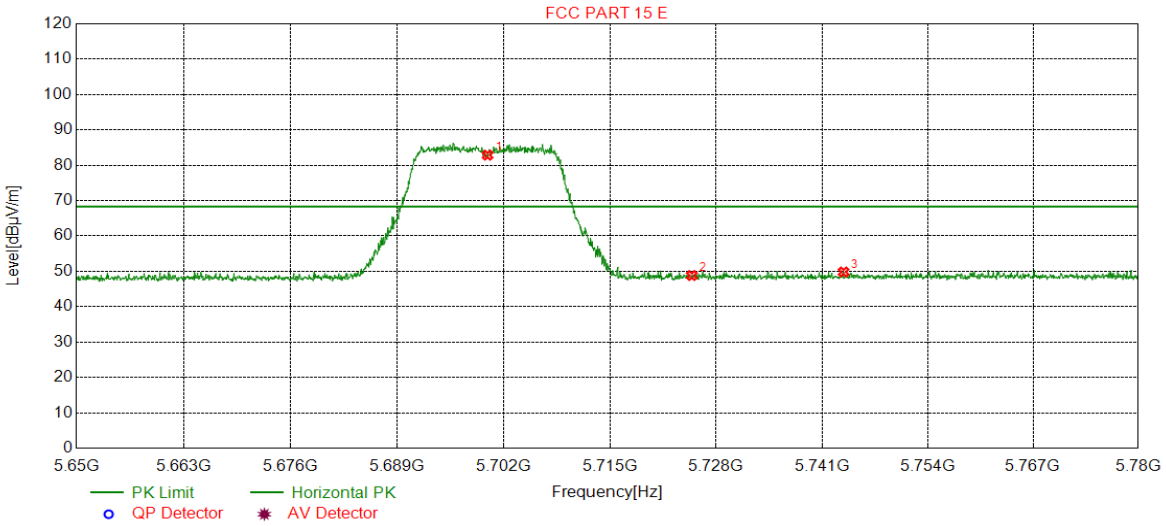

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5447.7839 | 38.60 | 8.02 | 54.00 | 15.40 | 150 | 23 | Horizontal |
| 2 | 5453.9670 | 52.58 | 8.03 | 74.00 | 21.42 | 150 | 289 | Horizontal |
| 3 | 5458.8894 | 38.53 | 8.03 | 54.00 | 15.47 | 150 | 292 | Horizontal |
| 4 | 5465.9730 | 52.10 | 8.05 | 68.30 | 16.20 | 150 | 339 | Horizontal |
| 5 | 5500.0000 | 80.27 | 8.10 | 68.30 | -11.97 | 150 | 262 | Horizontal |
| 6 | 5500.0000 | 70.08 | 8.10 | 0.00 | -70.08 | 150 | 266 | Horizontal |

### 4.4.1.27 11N20_MIMO_140 _Vertical



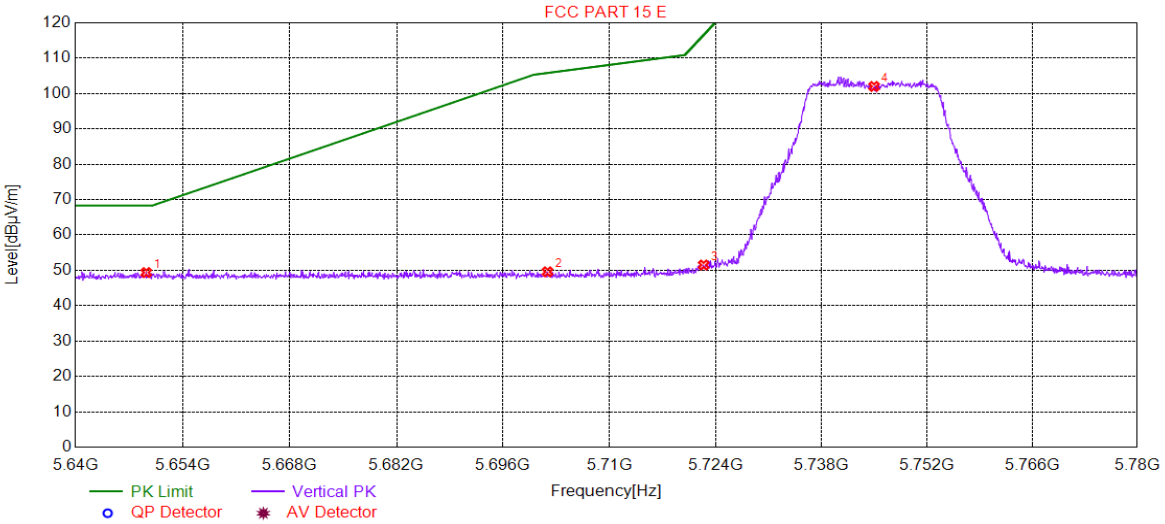

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.0000 | 101.31 | 8.51 | 68.30 | -33.01 | 150 | 217 | Vertical |
| 2 | 5725.0000 | 49.01 | 8.57 | 68.30 | 19.29 | 150 | 225 | Vertical |
| 3 | 5737.7289 | 50.64 | 8.60 | 68.30 | 17.66 | 150 | 207 | Vertical |

### 4.4.1.28 11N20_MIMO_140 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.0000 | 82.85 | 8.51 | 68.30 | -14.55 | 150 | 165 | Horizontal |
| 2 | 5725.0000 | 48.83 | 8.57 | 68.30 | 19.47 | 150 | 248 | Horizontal |
| 3 | 5743.6468 | 49.82 | 8.61 | 68.30 | 18.48 | 150 | 344 | Horizontal |

### 4.4.1.29 11N20_MIMO_149 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5649.2446 | 49.38 | 8.43 | 68.30 | 18.92 | 150 | 227 | Vertical |
| 2 | 5701.8409 | 49.58 | 8.51 | 105.82 | 56.24 | 150 | 16 | Vertical |
| 3 | 5722.4312 | 51.51 | 8.56 | 116.44 | 64.93 | 150 | 216 | Vertical |
| 4 | 5745.0000 | 102.00 | 8.61 | 0.00 | -102.00 | 150 | 206 | Vertical |



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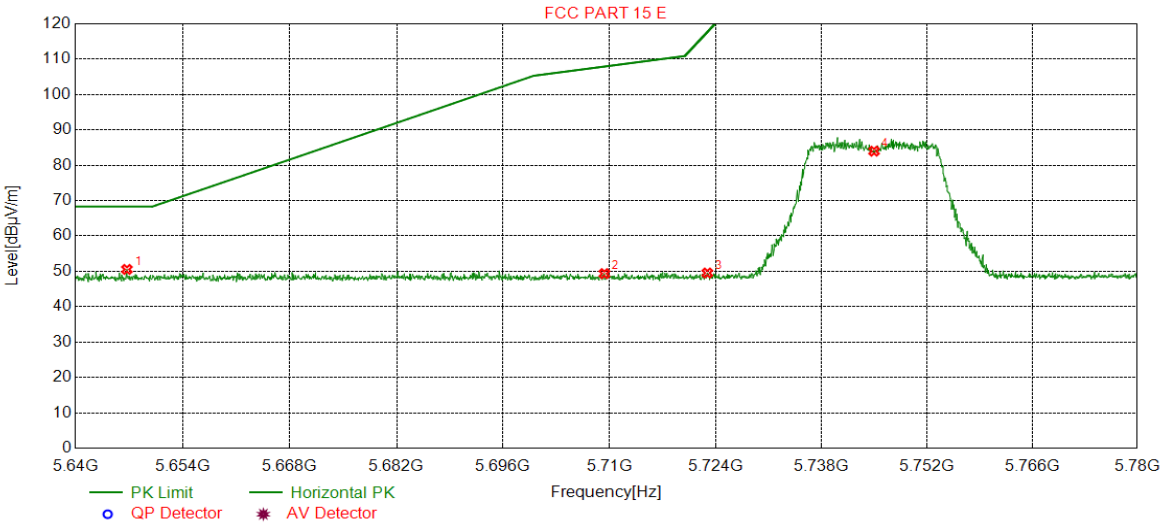
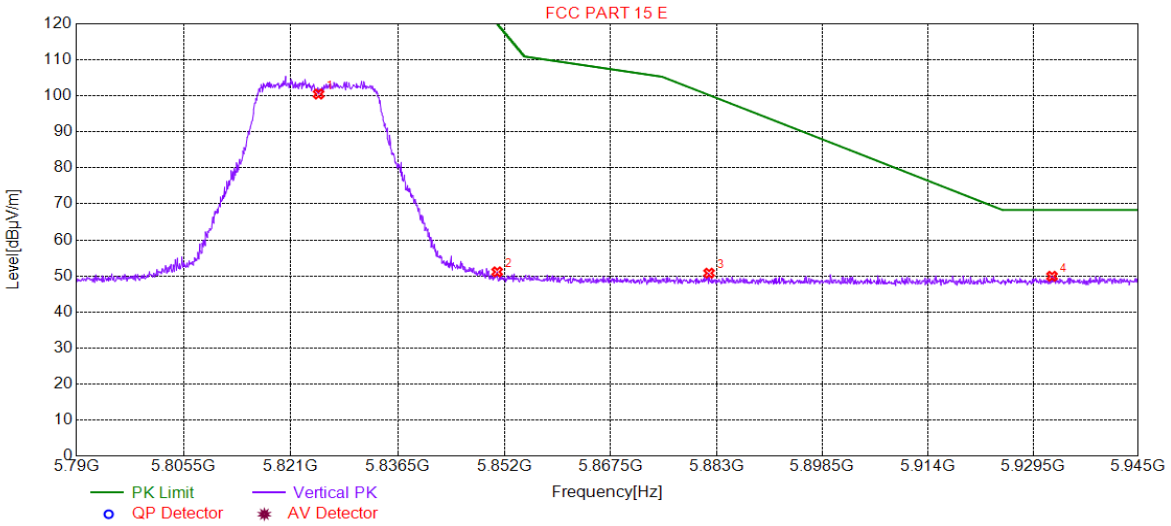
### 4.4.1.30 11N20_MIMO_149 _ Horizontal



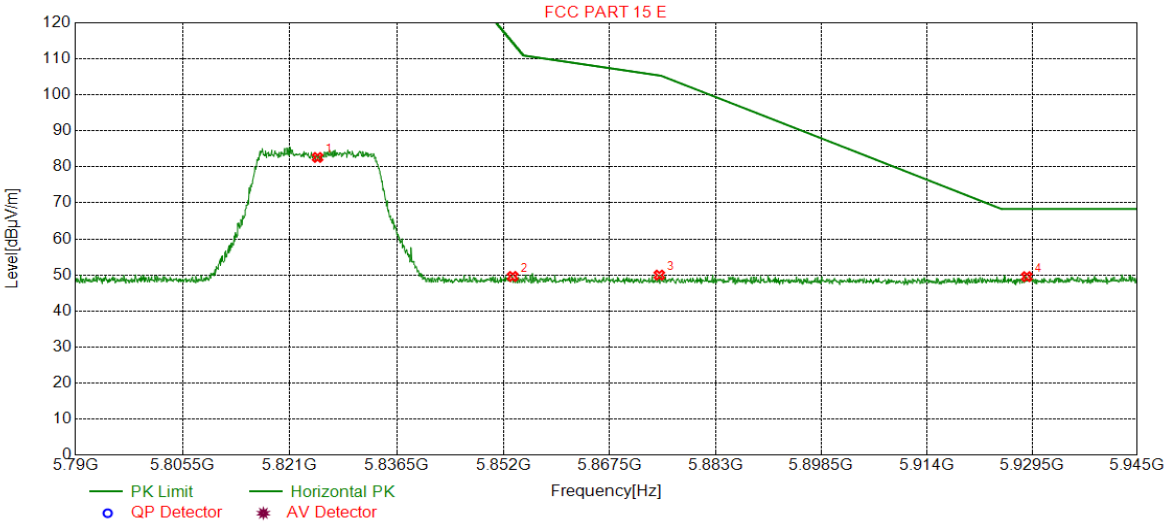

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5646.7234 | 50.55 | 8.42 | 68.30 | 17.75 | 150 | 284 | Horizontal |
| 2 | 5709.3347 | 49.36 | 8.53 | 107.91 | 58.55 | 150 | 344 | Horizontal |
| 3 | 5722.9215 | 49.54 | 8.56 | 117.56 | 68.02 | 150 | 17 | Horizontal |
| 4 | 5745.0000 | 83.98 | 8.61 | 0.00 | -83.98 | 150 | 166 | Horizontal |

### 4.4.1.31 11N20_MIMO_165 _Vertical



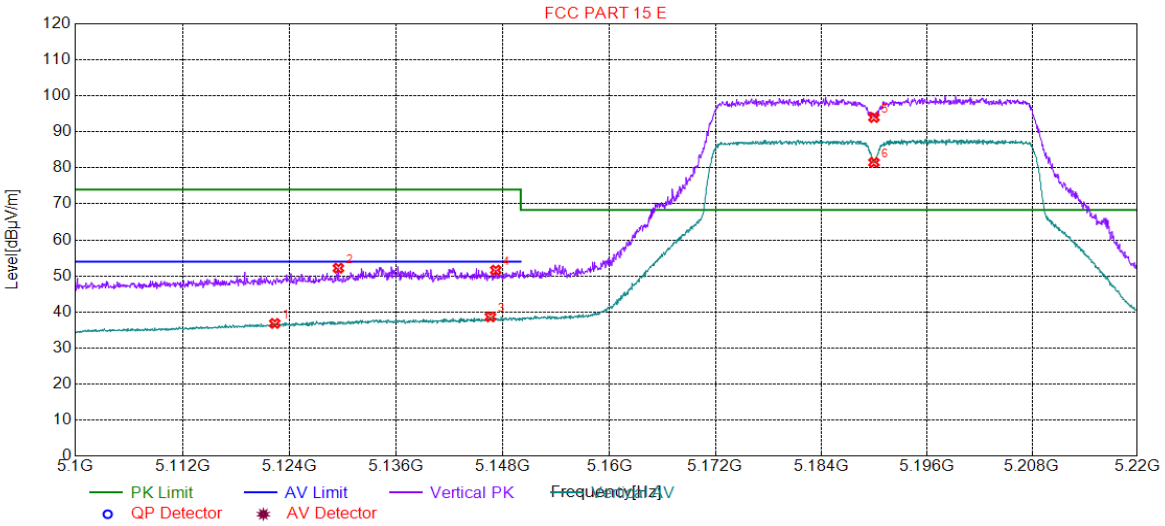

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.0000 | 100.49 | 8.82 | 0.00 | -100.49 | 150 | 223 | Vertical |
| 2 | 5850.9455 | 51.14 | 8.89 | 120.14 | 69.00 | 150 | 202 | Vertical |
| 3 | 5881.8834 | 50.78 | 8.99 | 100.21 | 49.43 | 150 | 208 | Vertical |
| 4 | 5932.2836 | 49.92 | 9.14 | 68.30 | 18.38 | 150 | 16 | Vertical |

### 4.4.1.32 11N20_MIMO_165 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.0000 | 82.63 | 8.82 | 0.00 | -82.63 | 150 | 228 | Horizontal |
| 2 | 5853.3492 | 49.59 | 8.90 | 114.66 | 65.07 | 150 | 95 | Horizontal |
| 3 | 5874.7499 | 49.97 | 8.96 | 105.37 | 55.40 | 150 | 291 | Horizontal |
| 4 | 5928.7169 | 49.53 | 9.13 | 68.30 | 18.77 | 150 | 10 | Horizontal |

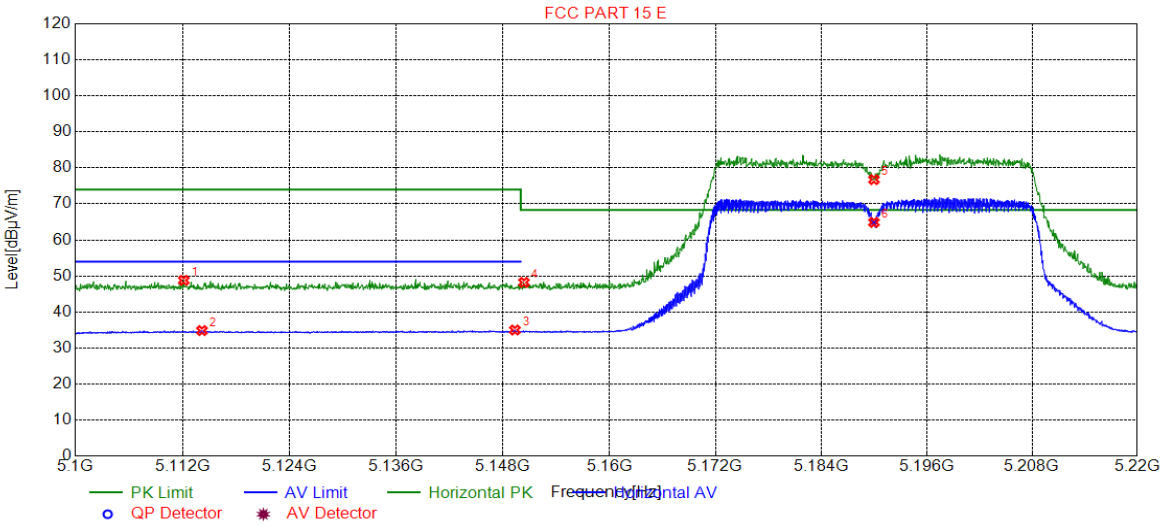
### 4.4.1.33 11N40_MIMO_38 _Vertical




**Suspected List**

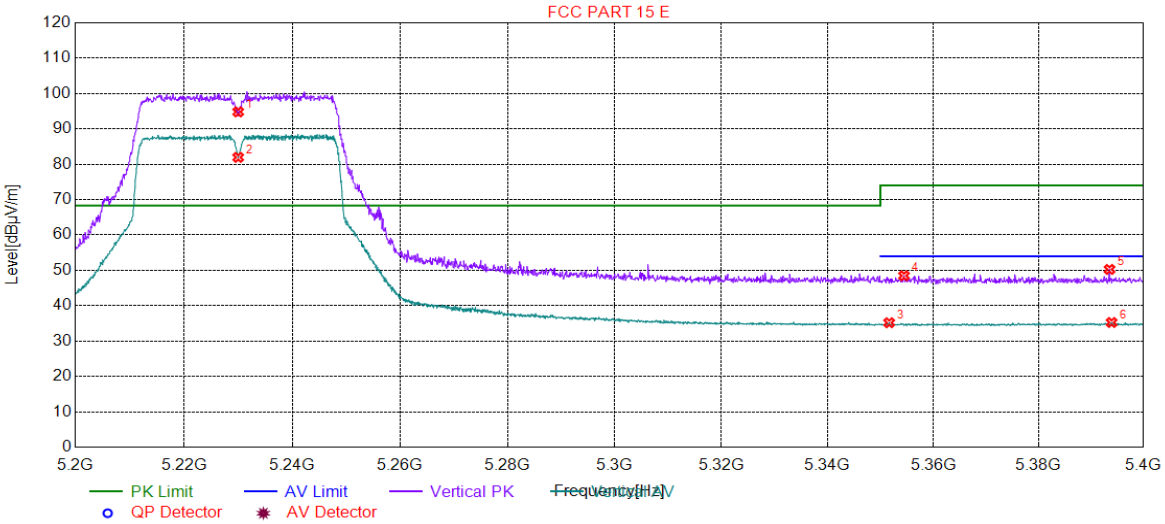
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5122.3312 | 36.83 | 7.51 | 54.00 | 17.17 | 150 | 231 | Vertical |
| 2 | 5129.4747 | 52.16 | 7.52 | 74.00 | 21.84 | 150 | 237 | Vertical |
| 3 | 5146.5833 | 38.65 | 7.55 | 54.00 | 15.35 | 150 | 231 | Vertical |
| 4 | 5147.1836 | 51.62 | 7.55 | 74.00 | 22.38 | 150 | 231 | Vertical |
| 5 | 5190.0000 | 94.00 | 7.62 | 68.30 | -25.70 | 150 | 198 | Vertical |
| 6 | 5190.0000 | 81.50 | 7.62 | 0.00 | -81.50 | 150 | 237 | Vertical |

### 4.4.1.34 11N40_MIMO_38 _ Horizontal



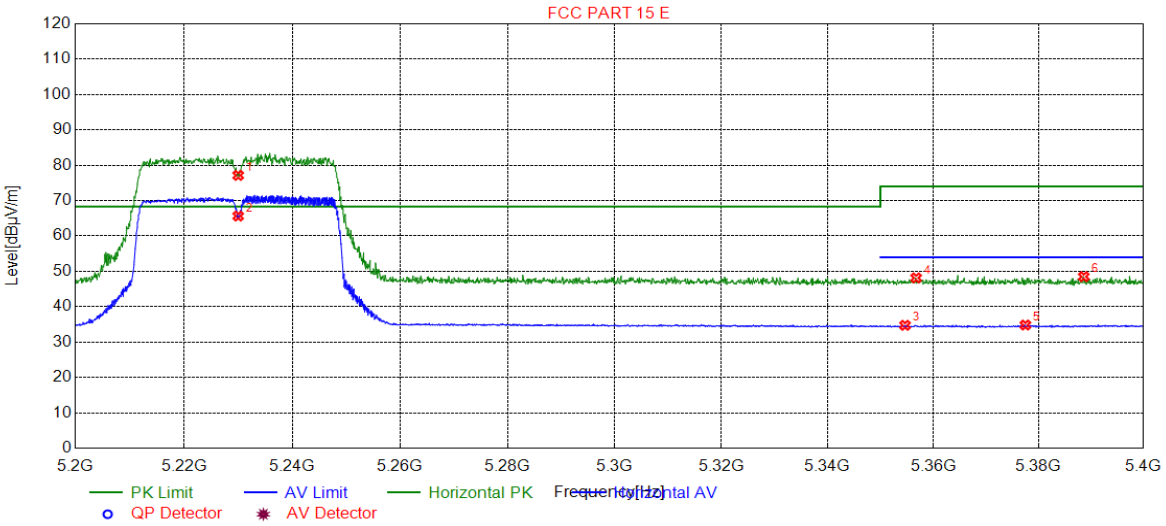

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5112.1261 | 48.78 | 7.49 | 74.00 | 25.22 | 150 | 254 | Horizontal |
| 2 | 5114.1671 | 34.84 | 7.49 | 54.00 | 19.16 | 150 | 317 | Horizontal |
| 3 | 5149.3447 | 34.99 | 7.55 | 54.00 | 19.01 | 150 | 273 | Horizontal |
| 4 | 5150.3652 | 48.21 | 7.56 | 68.30 | 20.09 | 150 | 128 | Horizontal |
| 5 | 5190.0000 | 76.75 | 7.62 | 68.30 | -8.45 | 150 | 159 | Horizontal |
| 6 | 5190.0000 | 64.87 | 7.62 | 0.00 | -64.87 | 150 | 228 | Horizontal |

### 4.4.1.35 11N40_MIMO_46 _Vertical



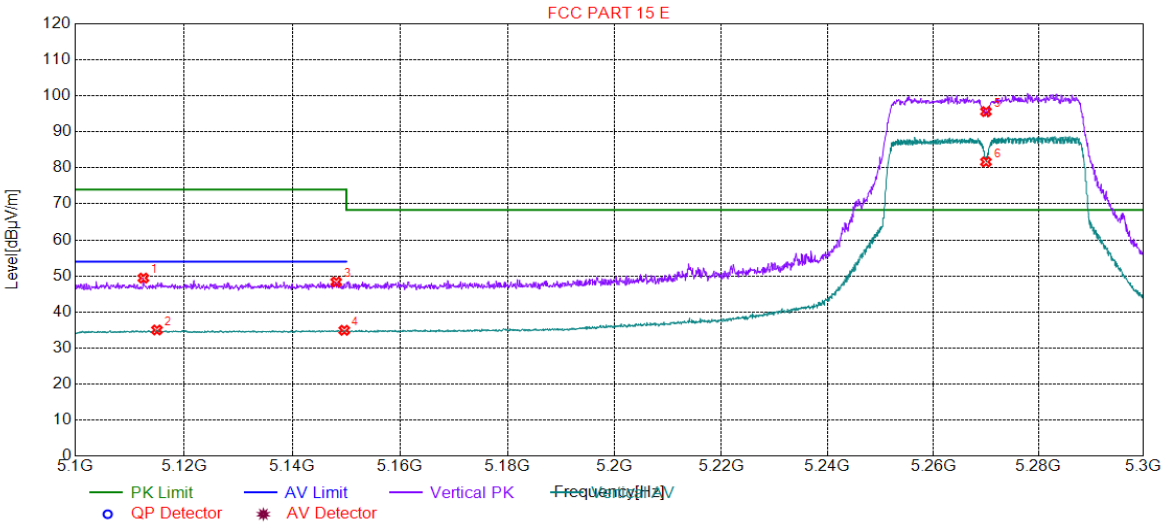

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.0000 | 94.81 | 7.67 | 68.30 | -26.51 | 150 | 183 | Vertical |
| 2 | 5230.0000 | 81.94 | 7.67 | 0.00 | -81.94 | 150 | 209 | Vertical |
| 3 | 5351.6758 | 35.19 | 7.84 | 54.00 | 18.81 | 150 | 209 | Vertical |
| 4 | 5354.4772 | 48.47 | 7.85 | 74.00 | 25.53 | 150 | 291 | Vertical |
| 5 | 5393.4967 | 50.27 | 7.93 | 74.00 | 23.73 | 150 | 81 | Vertical |
| 6 | 5393.8969 | 35.26 | 7.93 | 54.00 | 18.74 | 150 | 25 | Vertical |

### 4.4.1.36 11N40_MIMO_46 _ Horizontal



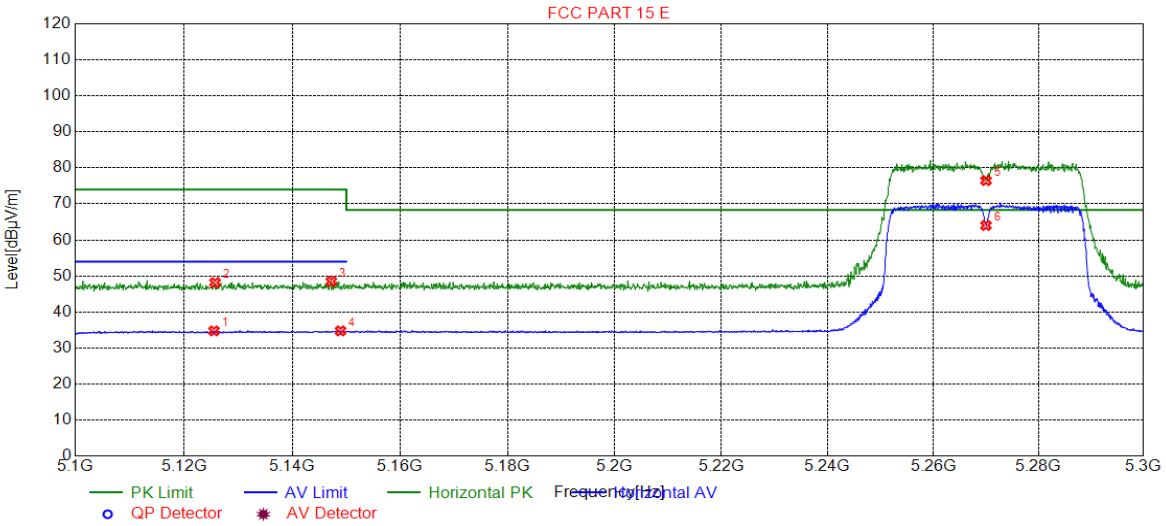

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.0000 | 77.14 | 7.67 | 68.30 | -8.84 | 150 | 317 | Horizontal |
| 2 | 5230.0000 | 65.63 | 7.67 | 0.00 | -65.63 | 150 | 222 | Horizontal |
| 3 | 5354.6773 | 34.74 | 7.85 | 54.00 | 19.26 | 150 | 83 | Horizontal |
| 4 | 5356.7784 | 48.15 | 7.85 | 74.00 | 25.85 | 150 | 159 | Horizontal |
| 5 | 5377.4887 | 34.82 | 7.89 | 54.00 | 19.18 | 150 | 235 | Horizontal |
| 6 | 5388.5943 | 48.50 | 7.92 | 74.00 | 25.50 | 150 | 45 | Horizontal |

### 4.4.1.37 11N40_MIMO_54 _Vertical



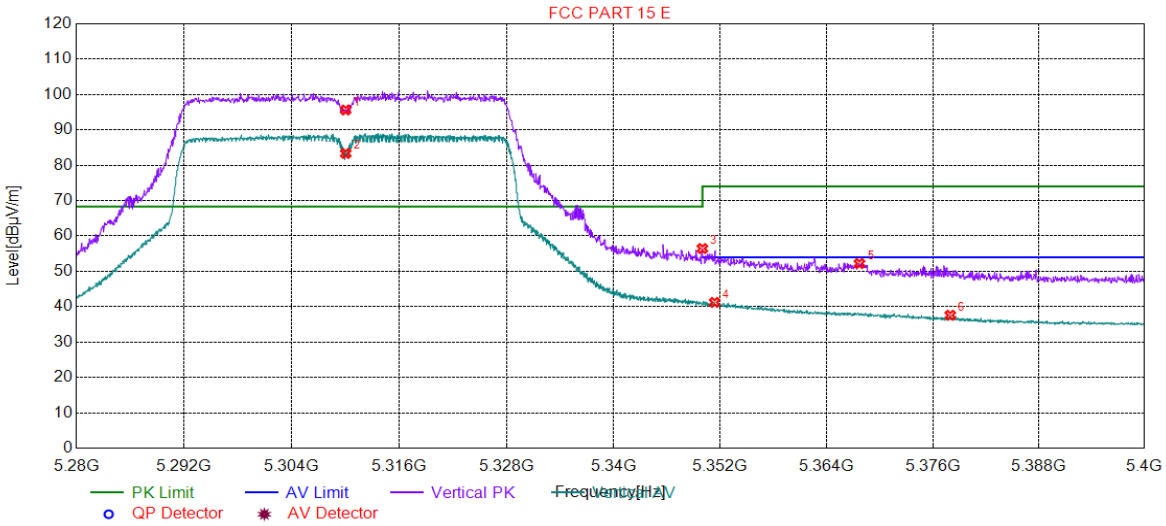

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5112.5063 | 49.41 | 7.49 | 74.00 | 24.59 | 150 | 184 | Vertical |
| 2 | 5115.0075 | 35.01 | 7.50 | 54.00 | 18.99 | 150 | 197 | Vertical |
| 3 | 5148.1241 | 48.33 | 7.55 | 74.00 | 25.67 | 150 | 50 | Vertical |
| 4 | 5149.6248 | 34.92 | 7.55 | 54.00 | 19.08 | 150 | 204 | Vertical |
| 5 | 5270.0000 | 95.63 | 7.71 | 68.30 | -27.33 | 150 | 210 | Vertical |
| 6 | 5270.0000 | 81.66 | 7.71 | 0.00 | -81.66 | 150 | 235 | Vertical |

### 4.4.1.38 11N40_MIMO_54 _ Horizontal



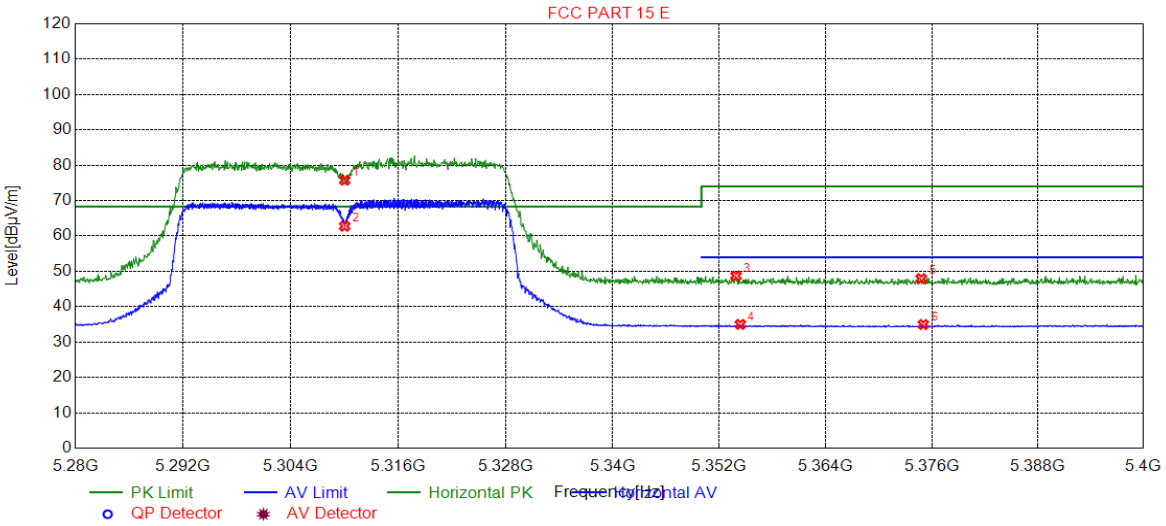

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5125.5128 | 34.76 | 7.51 | 54.00 | 19.24 | 150 | 106 | Horizontal |
| 2 | 5125.7129 | 48.15 | 7.51 | 74.00 | 25.85 | 150 | 106 | Horizontal |
| 3 | 5147.2236 | 48.47 | 7.55 | 74.00 | 25.53 | 150 | 120 | Horizontal |
| 4 | 5148.9245 | 34.76 | 7.55 | 54.00 | 19.24 | 150 | 126 | Horizontal |
| 5 | 5270.0000 | 76.48 | 7.71 | 68.30 | -8.18 | 150 | 342 | Horizontal |
| 6 | 5270.0000 | 64.02 | 7.71 | 0.00 | -64.02 | 150 | 164 | Horizontal |

### 4.4.1.39 11N40_MIMO_62 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.0000 | 95.63 | 7.76 | 68.30 | -27.33 | 150 | 212 | Vertical |
| 2 | 5310.0000 | 83.34 | 7.76 | 0.00 | -83.34 | 150 | 205 | Vertical |
| 3 | 5349.9950 | 56.45 | 7.84 | 68.30 | 11.85 | 150 | 212 | Vertical |
| 4 | 5351.3757 | 41.23 | 7.84 | 54.00 | 12.77 | 150 | 200 | Vertical |
| 5 | 5367.7039 | 52.21 | 7.88 | 74.00 | 21.79 | 150 | 212 | Vertical |
| 6 | 5377.9690 | 37.60 | 7.90 | 54.00 | 16.40 | 150 | 200 | Vertical |

### 4.4.1.40 11N40_MIMO_62 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.0000 | 75.77 | 7.76 | 68.30 | -7.47 | 150 | 228 | Horizontal |
| 2 | 5310.0000 | 62.76 | 7.76 | 0.00 | -62.76 | 150 | 297 | Horizontal |
| 3 | 5353.8969 | 48.70 | 7.85 | 74.00 | 25.30 | 150 | 159 | Horizontal |
| 4 | 5354.3772 | 35.00 | 7.85 | 54.00 | 19.00 | 150 | 222 | Horizontal |
| 5 | 5374.7874 | 47.95 | 7.89 | 74.00 | 26.05 | 150 | 239 | Horizontal |
| 6 | 5375.0275 | 34.97 | 7.89 | 54.00 | 19.03 | 150 | 147 | Horizontal |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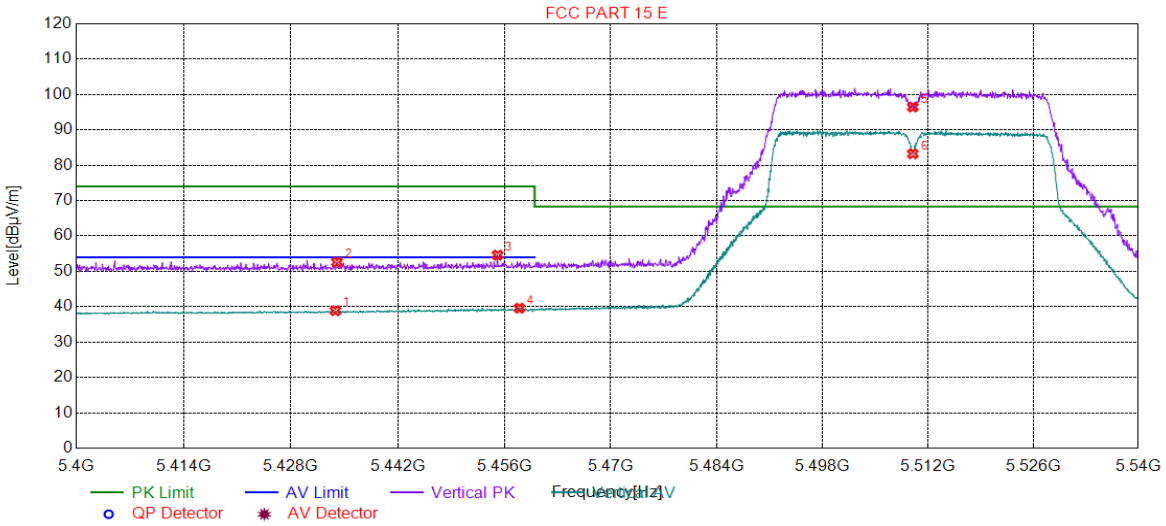
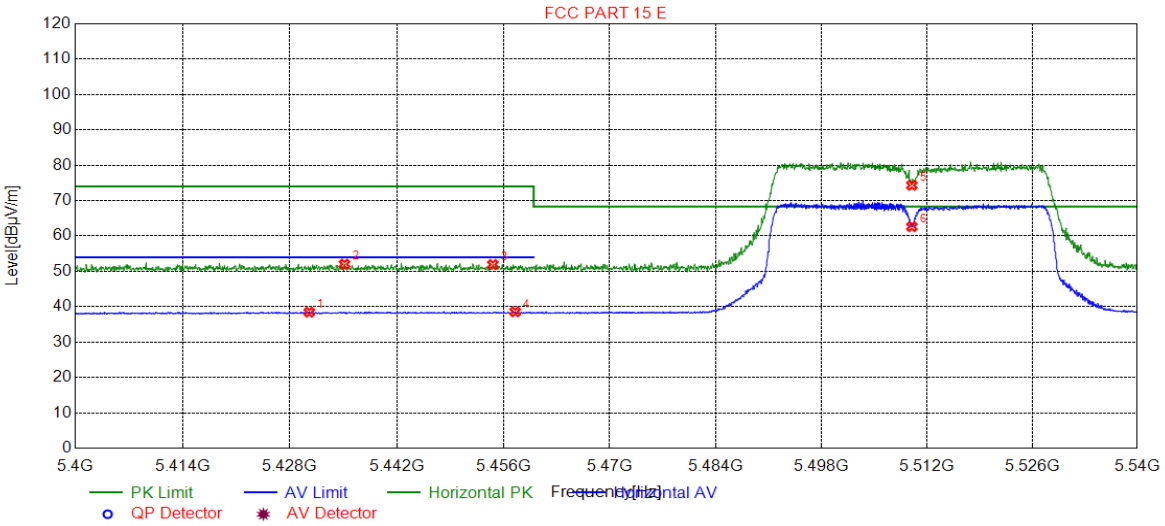
### 4.4.1.41 11N40_MIMO_102 _Vertical



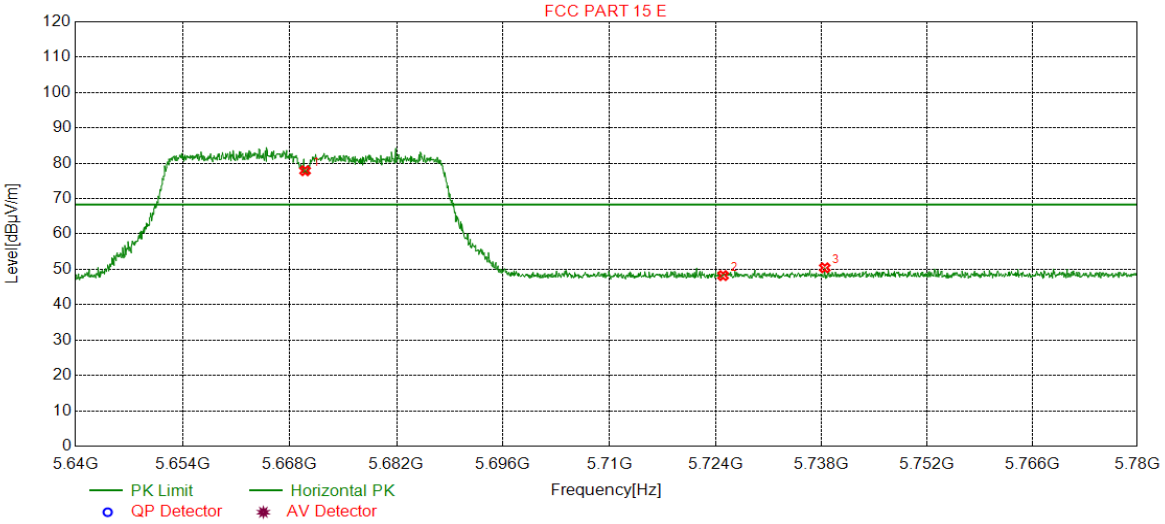

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5433.8269 | 38.86 | 7.99 | 54.00 | 15.14 | 150 | 14 | Vertical |
| 2 | 5434.0370 | 52.59 | 7.99 | 74.00 | 21.41 | 150 | 214 | Vertical |
| 3 | 5455.1176 | 54.59 | 8.03 | 74.00 | 19.41 | 150 | 214 | Vertical |
| 4 | 5457.9890 | 39.58 | 8.03 | 54.00 | 14.42 | 150 | 199 | Vertical |
| 5 | 5510.0000 | 96.47 | 8.13 | 68.30 | -28.17 | 150 | 203 | Vertical |
| 6 | 5510.0000 | 83.24 | 8.13 | 0.00 | -83.24 | 150 | 207 | Vertical |

### 4.4.1.42 11N40_MIMO_102 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5430.5353 | 38.45 | 7.99 | 54.00 | 15.55 | 150 | 106 | Horizontal |
| 2 | 5435.1576 | 52.04 | 8.00 | 74.00 | 21.96 | 150 | 152 | Horizontal |
| 3 | 5454.6273 | 51.91 | 8.03 | 74.00 | 22.09 | 150 | 133 | Horizontal |
| 4 | 5457.5688 | 38.56 | 8.03 | 54.00 | 15.44 | 150 | 103 | Horizontal |
| 5 | 5510.0000 | 74.33 | 8.13 | 68.30 | -6.03 | 150 | 84 | Horizontal |
| 6 | 5510.0000 | 62.64 | 8.13 | 0.00 | -62.64 | 150 | 261 | Horizontal |

### 4.4.1.43 11N40_MIMO_134 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.0000 | 77.89 | 8.46 | 68.30 | -9.59 | 150 | 129 | Horizontal |
| 2 | 5725.0000 | 48.23 | 8.57 | 68.30 | 20.07 | 150 | 76 | Horizontal |
| 3 | 5738.4692 | 50.44 | 8.60 | 68.30 | 17.86 | 150 | 304 | Horizontal |



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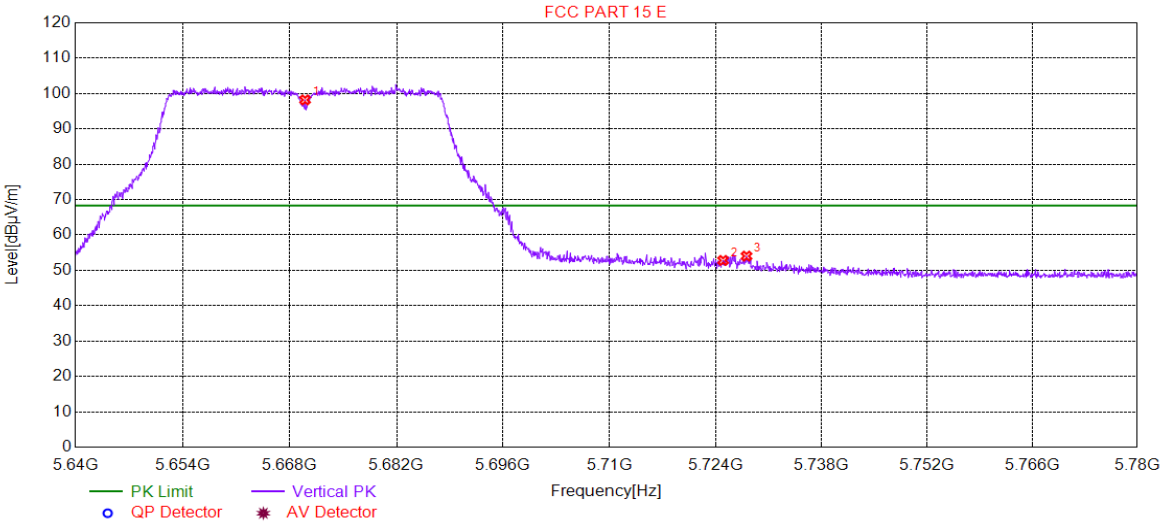
### 4.4.1.44 11N40_MIMO_134 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.0000 | 98.20 | 8.46 | 68.30 | -29.90 | 150 | 219 | Vertical |
| 2 | 5725.0000 | 52.81 | 8.57 | 68.30 | 15.49 | 150 | 224 | Vertical |
| 3 | 5728.1041 | 54.03 | 8.57 | 68.30 | 14.27 | 150 | 243 | Vertical |



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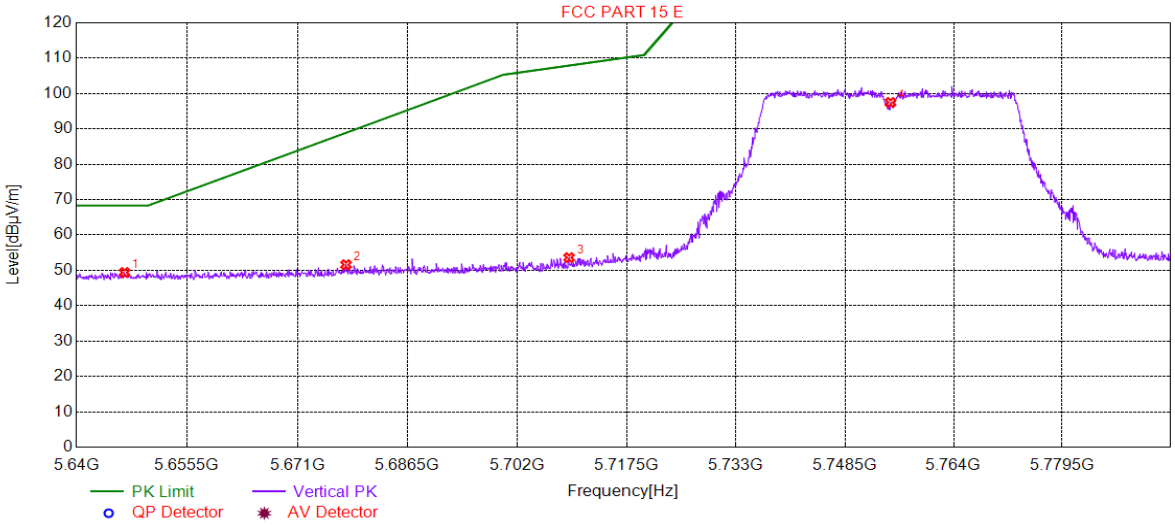
### 4.4.1.45 11N40_MIMO_151 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5646.7459 | 49.39 | 8.42 | 68.30 | 18.91 | 150 | 18 | Vertical |
| 2 | 5677.8389 | 51.59 | 8.47 | 88.90 | 37.31 | 150 | 215 | Vertical |
| 3 | 5709.3197 | 53.61 | 8.53 | 107.91 | 54.30 | 150 | 205 | Vertical |
| 4 | 5755.0000 | 97.47 | 8.64 | 0.00 | -97.47 | 150 | 215 | Vertical |



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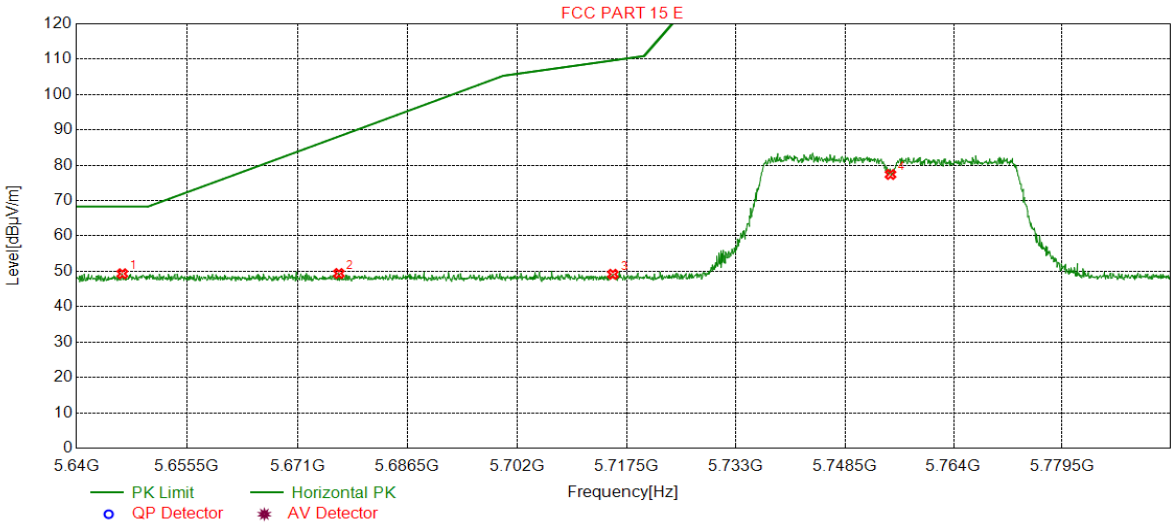
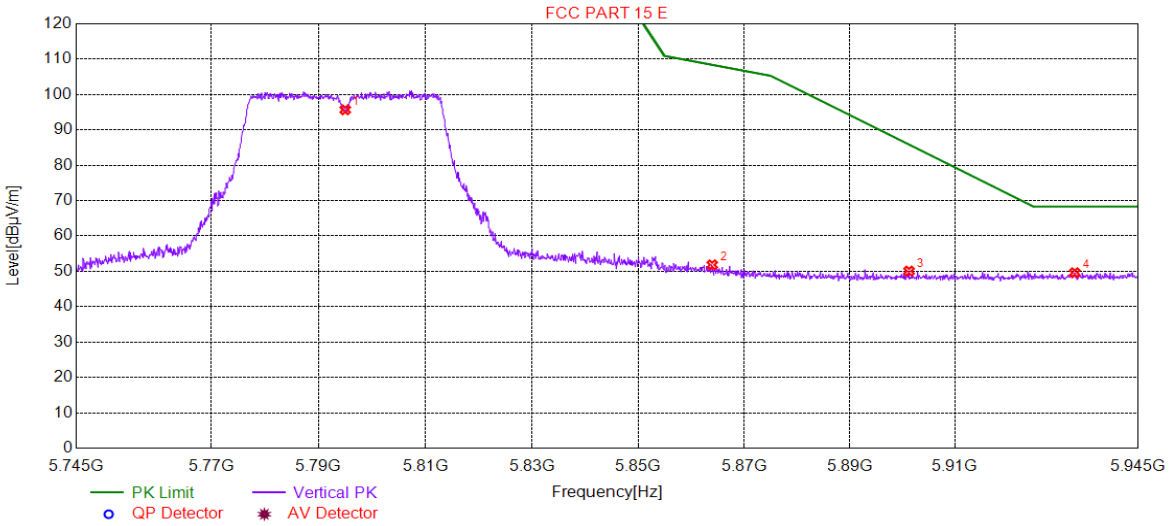
### 4.4.1.46 11N40_MIMO_151 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5646.4357 | 49.33 | 8.42 | 68.30 | 18.97 | 150 | 8 | Horizontal |
| 2 | 5676.8309 | 49.39 | 8.47 | 88.15 | 38.76 | 150 | 207 | Horizontal |
| 3 | 5715.5228 | 49.17 | 8.55 | 109.65 | 60.48 | 150 | 0 | Horizontal |
| 4 | 5755.0000 | 77.39 | 8.64 | 0.00 | -77.39 | 150 | 174 | Horizontal |

### 4.4.1.47 11N40_MIMO_159 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.0000 | 95.68 | 8.73 | 0.00 | -95.68 | 150 | 207 | Vertical |
| 2 | 5863.9595 | 51.84 | 8.93 | 108.39 | 56.55 | 150 | 240 | Vertical |
| 3 | 5901.2781 | 50.08 | 9.04 | 85.85 | 35.77 | 150 | 18 | Vertical |
| 4 | 5932.8939 | 49.61 | 9.14 | 68.30 | 18.69 | 150 | 216 | Vertical |



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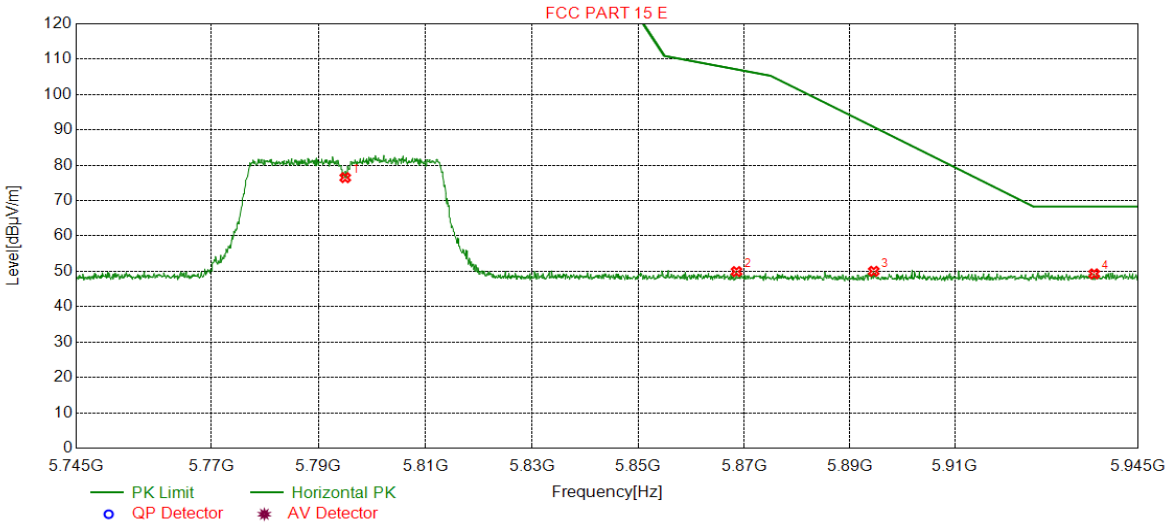
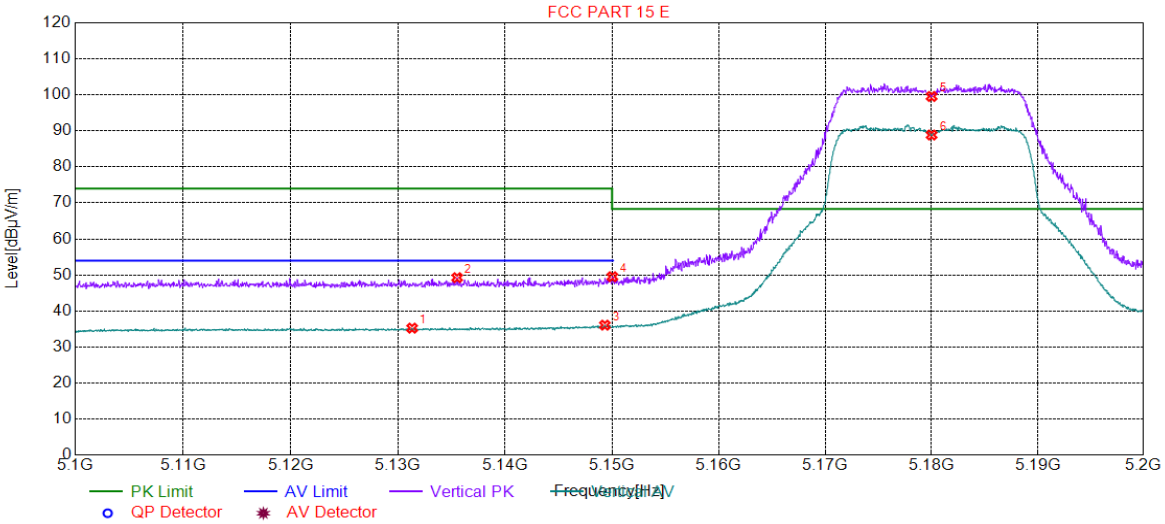
### 4.4.1.48 11N40_MIMO_159 _ Horizontal



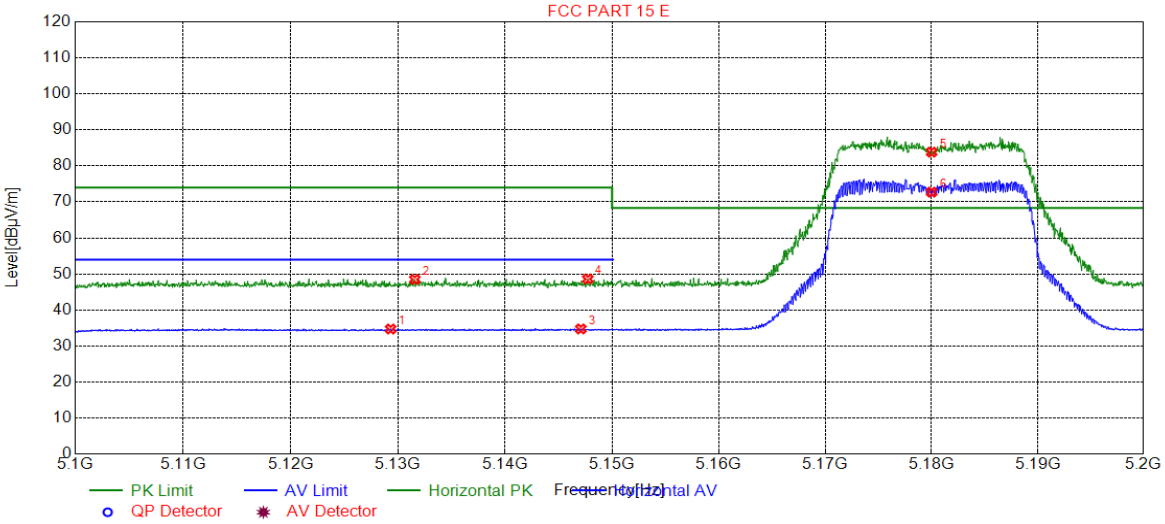

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.0000 | 76.49 | 8.73 | 0.00 | -76.49 | 150 | 167 | Horizontal |
| 2 | 5868.5618 | 49.95 | 8.95 | 107.10 | 57.15 | 150 | 38 | Horizontal |
| 3 | 5894.5748 | 50.03 | 9.02 | 90.81 | 40.78 | 150 | 327 | Horizontal |
| 4 | 5936.5958 | 49.30 | 9.15 | 68.30 | 19.00 | 150 | 87 | Horizontal |

### 4.4.1.49 11AC20_MIMO_36 _Vertical



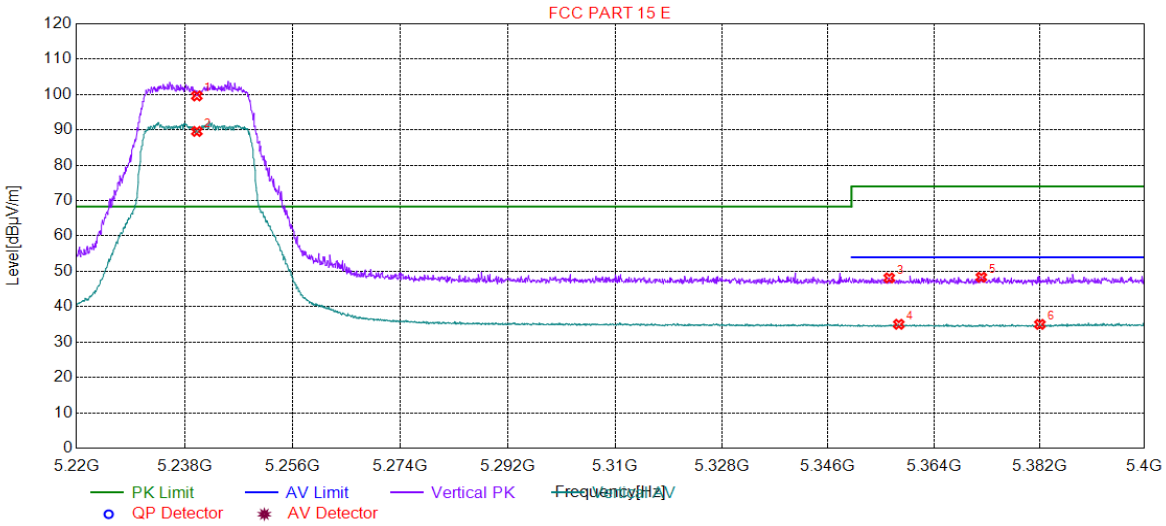

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5131.3157 | 35.24 | 7.52 | 54.00 | 18.76 | 150 | 176 | Vertical |
| 2 | 5135.5178 | 49.26 | 7.53 | 74.00 | 24.74 | 150 | 263 | Vertical |
| 3 | 5149.3247 | 36.07 | 7.55 | 54.00 | 17.93 | 150 | 229 | Vertical |
| 4 | 5150.0250 | 49.51 | 7.56 | 68.30 | 18.79 | 150 | 236 | Vertical |
| 5 | 5180.0000 | 99.55 | 7.61 | 68.30 | -31.25 | 150 | 203 | Vertical |
| 6 | 5180.0000 | 88.84 | 7.61 | 0.00 | -88.84 | 150 | 229 | Vertical |

## 4.4.1.50 11AC20_MIMO_36 _ Horizontal



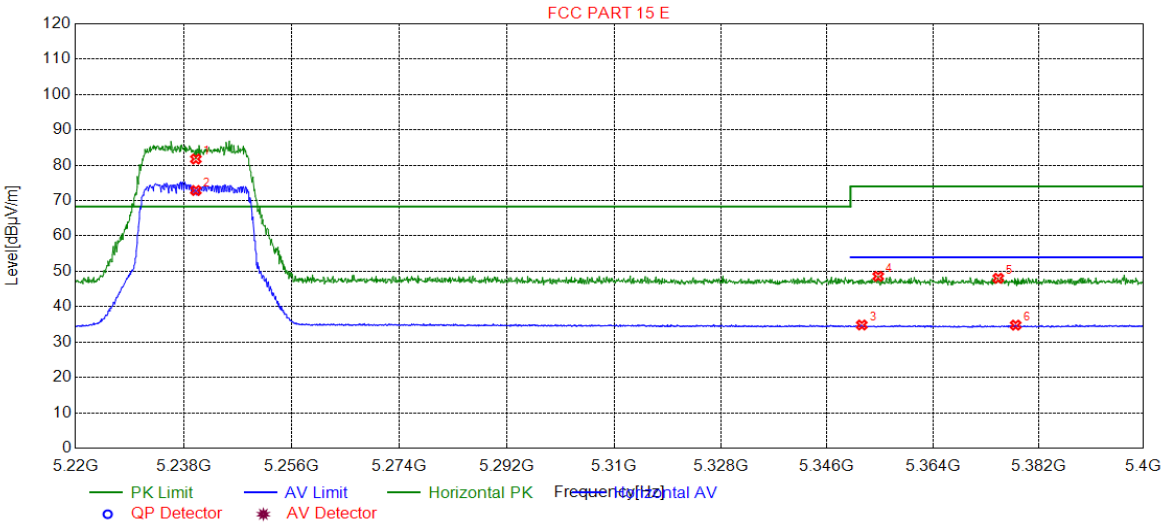

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5129.3147 | 34.72 | 7.52 | 54.00 | 19.28 | 150 | 214 | Horizontal |
| 2 | 5131.5658 | 48.49 | 7.52 | 74.00 | 25.51 | 150 | 74 | Horizontal |
| 3 | 5147.0735 | 34.74 | 7.55 | 54.00 | 19.26 | 150 | 286 | Horizontal |
| 4 | 5147.7239 | 48.61 | 7.55 | 74.00 | 25.39 | 150 | 225 | Horizontal |
| 5 | 5180.0000 | 83.82 | 7.61 | 68.30 | -15.52 | 150 | 157 | Horizontal |
| 6 | 5180.0000 | 72.71 | 7.61 | 0.00 | -72.71 | 150 | 161 | Horizontal |

### 4.4.1.51 11AC20_MIMO_48 _Vertical



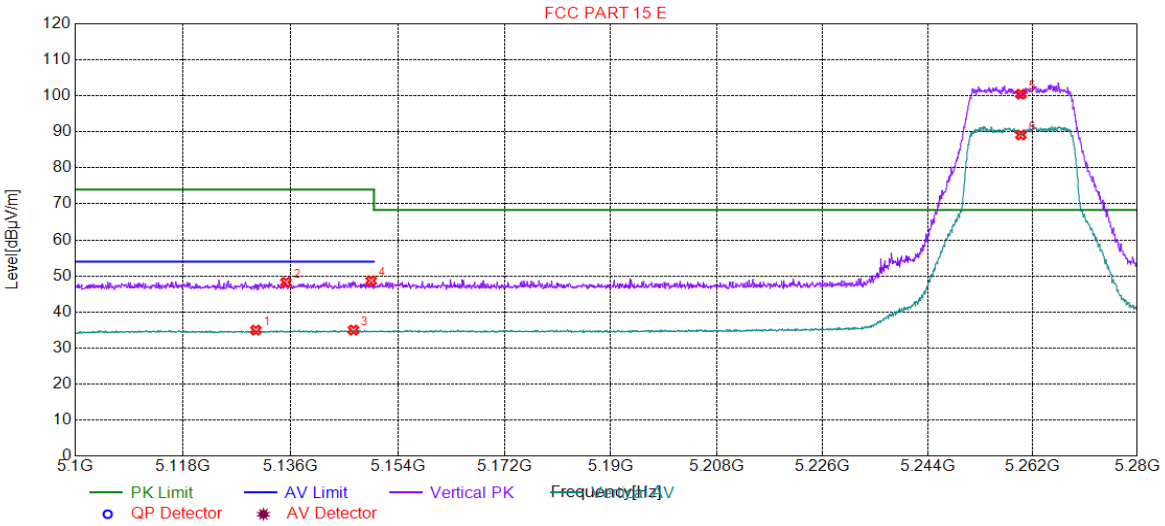

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.0000 | 99.60 | 7.68 | 68.30 | -31.30 | 150 | 200 | Vertical |
| 2 | 5240.0000 | 89.56 | 7.68 | 0.00 | -89.56 | 150 | 209 | Vertical |
| 3 | 5356.4182 | 48.14 | 7.85 | 74.00 | 25.86 | 150 | 328 | Vertical |
| 4 | 5358.0390 | 35.03 | 7.86 | 54.00 | 18.97 | 150 | 219 | Vertical |
| 5 | 5372.0860 | 48.34 | 7.88 | 74.00 | 25.66 | 150 | 299 | Vertical |
| 6 | 5382.0810 | 35.01 | 7.90 | 54.00 | 18.99 | 150 | 200 | Vertical |

### 4.4.1.52 11AC20_MIMO_48 _ Horizontal



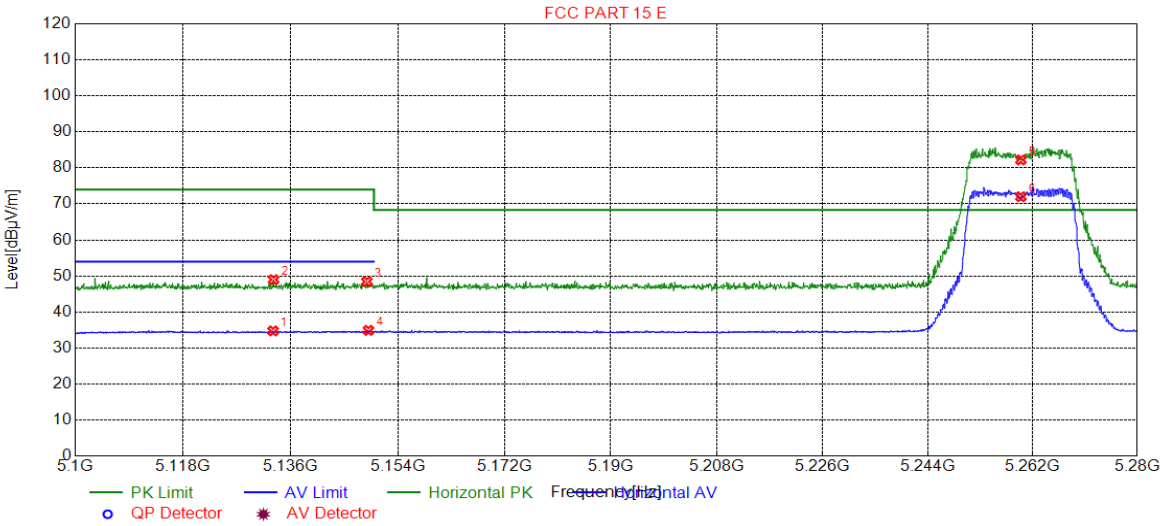

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.0000 | 81.75 | 7.68 | 68.30 | -13.45 | 150 | 254 | Horizontal |
| 2 | 5240.0000 | 72.86 | 7.68 | 0.00 | -72.86 | 150 | 225 | Horizontal |
| 3 | 5351.9160 | 34.83 | 7.84 | 54.00 | 19.17 | 150 | 78 | Horizontal |
| 4 | 5354.7074 | 48.60 | 7.85 | 74.00 | 25.40 | 150 | 73 | Horizontal |
| 5 | 5375.1476 | 48.05 | 7.89 | 74.00 | 25.95 | 150 | 7 | Horizontal |
| 6 | 5378.1191 | 34.79 | 7.90 | 54.00 | 19.21 | 150 | 287 | Horizontal |

### 4.4.1.53 11AC20_MIMO_52 _Vertical



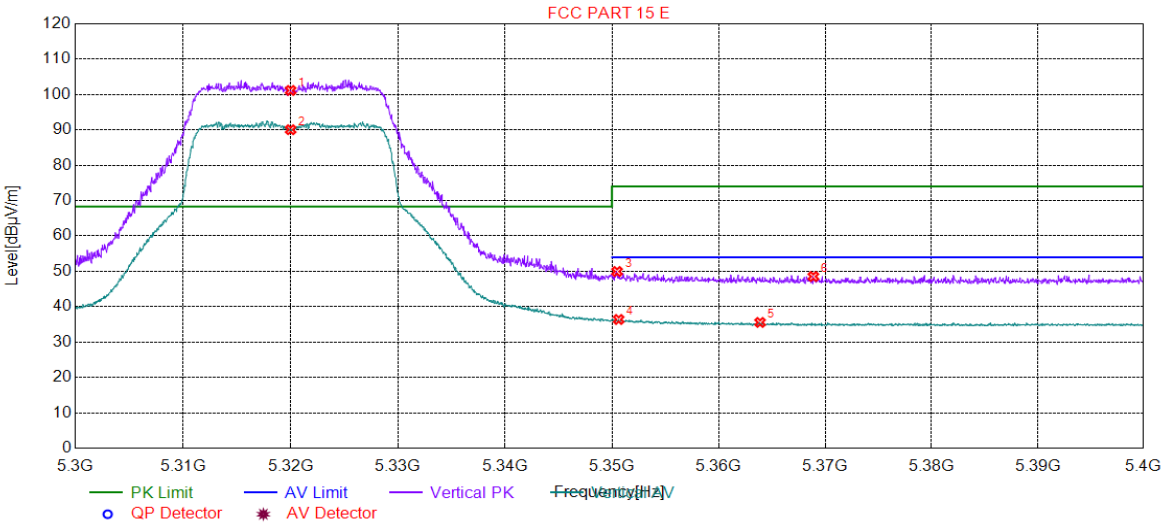

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5130.1651 | 34.97 | 7.52 | 54.00 | 19.03 | 150 | 177 | Vertical |
| 2 | 5135.2076 | 48.25 | 7.53 | 74.00 | 25.75 | 150 | 167 | Vertical |
| 3 | 5146.5533 | 34.97 | 7.55 | 54.00 | 19.03 | 150 | 182 | Vertical |
| 4 | 5149.5248 | 48.67 | 7.55 | 74.00 | 25.33 | 150 | 234 | Vertical |
| 5 | 5260.0000 | 100.47 | 7.70 | 68.30 | -32.17 | 150 | 200 | Vertical |
| 6 | 5260.0000 | 89.15 | 7.70 | 0.00 | -89.15 | 150 | 196 | Vertical |

### 4.4.1.54 11AC20_MIMO_52 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5133.0465 | 34.75 | 7.53 | 54.00 | 19.25 | 150 | 330 | Horizontal |
| 2 | 5133.1366 | 48.98 | 7.53 | 74.00 | 25.02 | 150 | 49 | Horizontal |
| 3 | 5148.8044 | 48.46 | 7.55 | 74.00 | 25.54 | 150 | 29 | Horizontal |
| 4 | 5149.0745 | 34.90 | 7.55 | 54.00 | 19.10 | 150 | 44 | Horizontal |
| 5 | 5260.0000 | 82.21 | 7.70 | 68.30 | -13.91 | 150 | 179 | Horizontal |
| 6 | 5260.0000 | 71.99 | 7.70 | 0.00 | -71.99 | 150 | 184 | Horizontal |

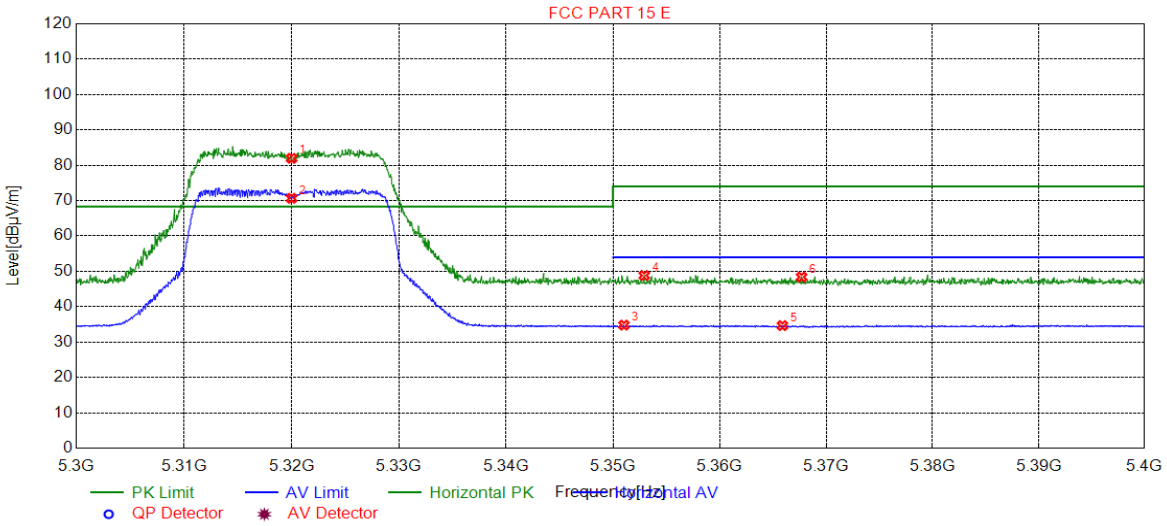
### 4.4.1.55 11AC20_MIMO_64 _Vertical




**Suspected List**

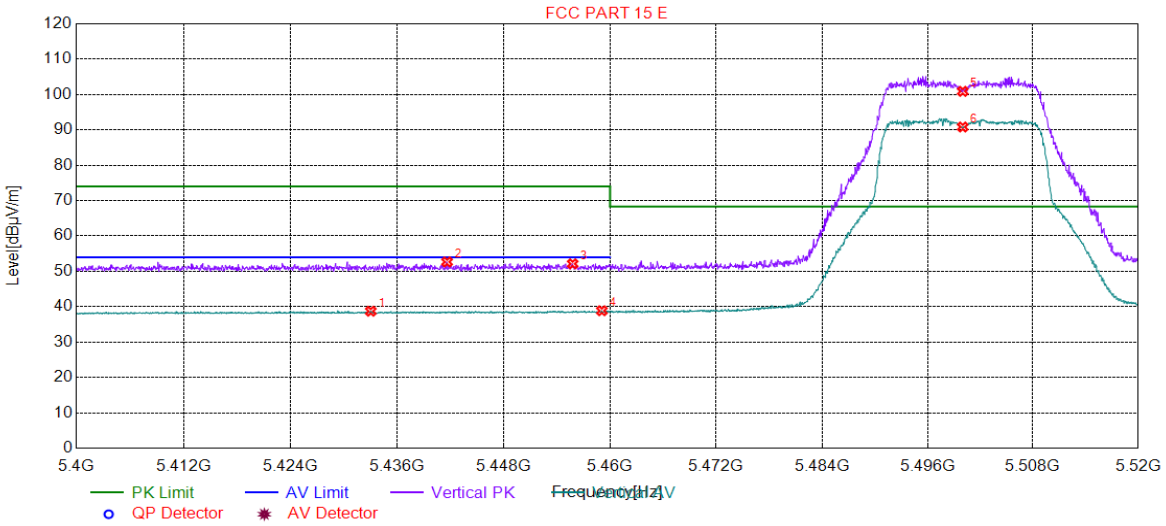
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5320.0000 | 101.15 | 7.78 | 68.30 | -32.85 | 150 | 205 | Vertical |
| 2 | 5320.0000 | 90.05 | 7.78 | 0.00 | -90.05 | 150 | 205 | Vertical |
| 3 | 5350.4752 | 49.96 | 7.84 | 74.00 | 24.04 | 150 | 214 | Vertical |
| 4 | 5350.6253 | 36.40 | 7.84 | 54.00 | 17.60 | 150 | 210 | Vertical |
| 5 | 5363.8819 | 35.56 | 7.87 | 54.00 | 18.44 | 150 | 195 | Vertical |
| 6 | 5368.8844 | 48.54 | 7.88 | 74.00 | 25.46 | 150 | 162 | Vertical |

### 4.4.1.56 11AC20_MIMO_64 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.0000 | 81.96 | 7.78 | 68.30 | -13.66 | 150 | 226 | Horizontal |
| 2 | 5320.0000 | 70.66 | 7.78 | 0.00 | -70.66 | 150 | 226 | Horizontal |
| 3 | 5351.0255 | 34.80 | 7.84 | 54.00 | 19.20 | 150 | 231 | Horizontal |
| 4 | 5352.9265 | 48.83 | 7.85 | 74.00 | 25.17 | 150 | 217 | Horizontal |
| 5 | 5365.8829 | 34.66 | 7.87 | 54.00 | 19.34 | 150 | 217 | Horizontal |
| 6 | 5367.6838 | 48.41 | 7.88 | 74.00 | 25.59 | 150 | 269 | Horizontal |

## 4.4.1.57 11AC20_MIMO_100 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5433.0165 | 38.73 | 7.99 | 54.00 | 15.27 | 150 | 170 | Vertical |
| 2 | 5441.6008 | 52.67 | 8.01 | 74.00 | 21.33 | 150 | 262 | Vertical |
| 3 | 5455.7679 | 52.13 | 8.03 | 74.00 | 21.87 | 150 | 311 | Vertical |
| 4 | 5459.0695 | 38.87 | 8.03 | 54.00 | 15.13 | 150 | 204 | Vertical |
| 5 | 5500.0000 | 100.90 | 8.10 | 68.30 | -32.60 | 150 | 208 | Vertical |
| 6 | 5500.0000 | 90.82 | 8.10 | 0.00 | -90.82 | 150 | 204 | Vertical |



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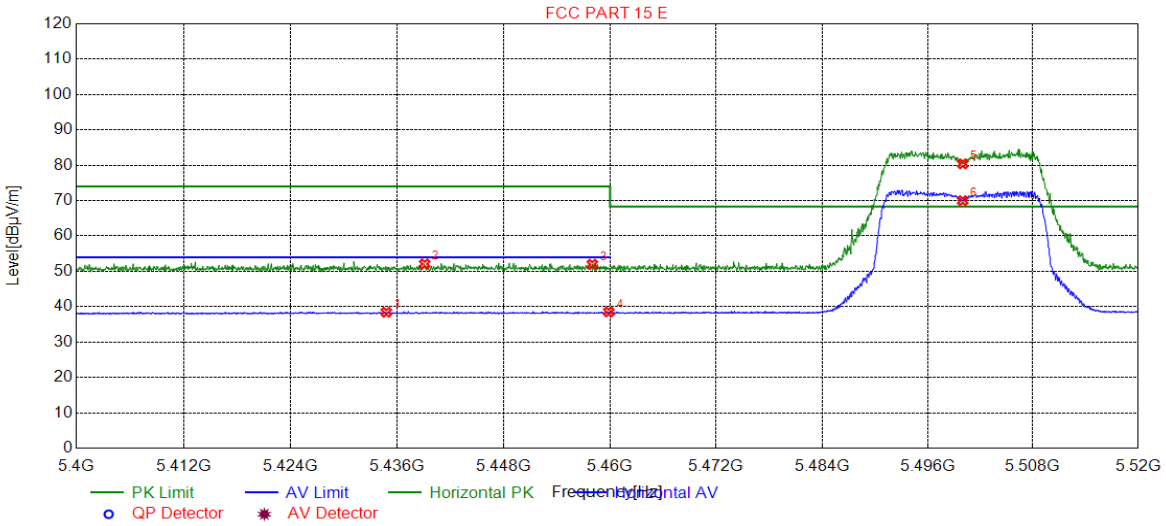
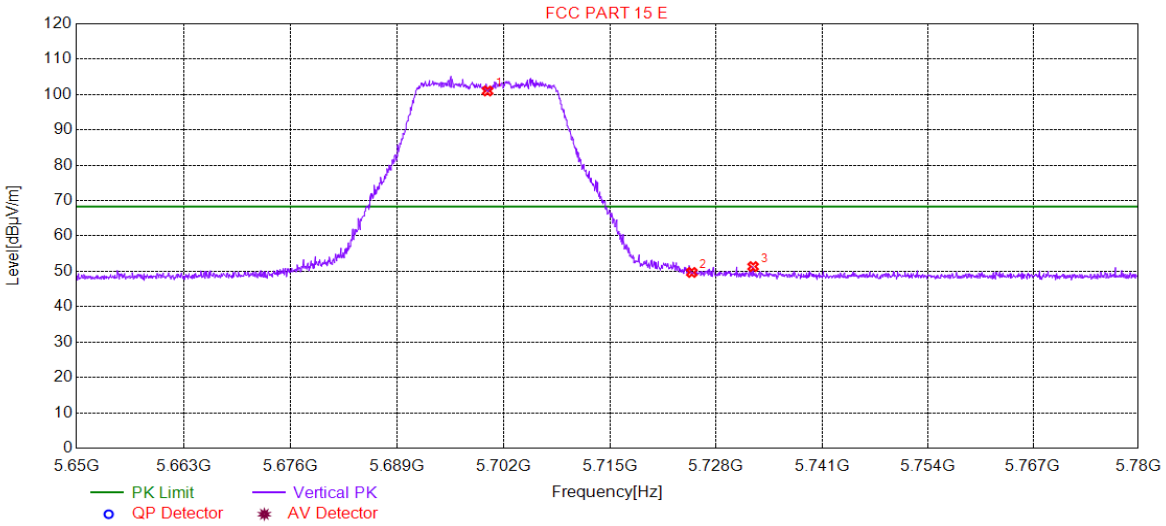
### 4.4.1.58 11AC20_MIMO_100 _ Horizontal




**Suspected List**

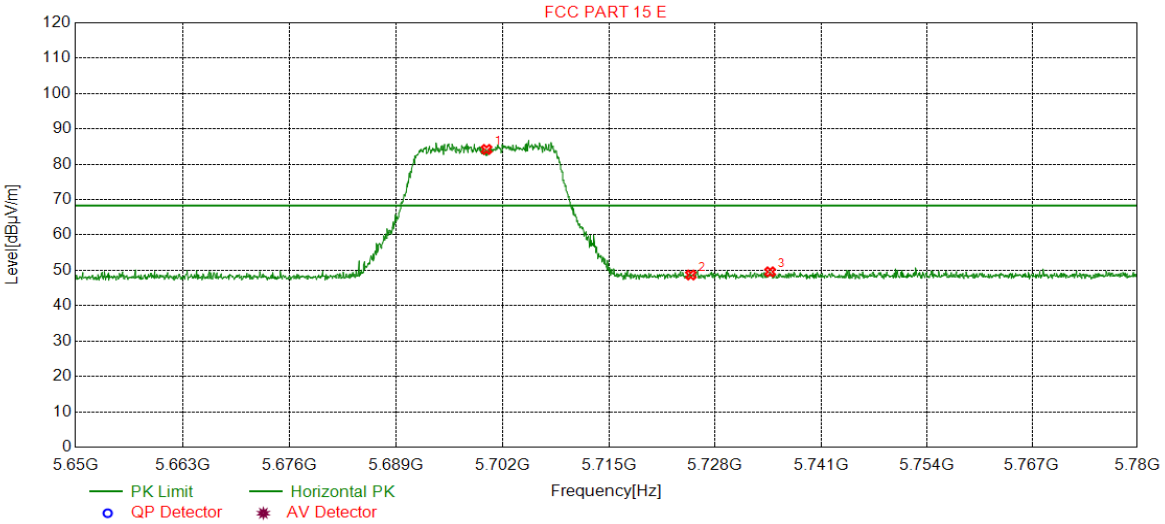
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5434.7574 | 38.44 | 8.00 | 54.00 | 15.56 | 150 | 62 | Horizontal |
| 2 | 5439.0795 | 52.10 | 8.00 | 74.00 | 21.90 | 150 | 156 | Horizontal |
| 3 | 5457.9890 | 52.01 | 8.03 | 74.00 | 21.99 | 150 | 301 | Horizontal |
| 4 | 5459.8499 | 38.53 | 8.04 | 54.00 | 15.47 | 150 | 62 | Horizontal |
| 5 | 5500.0000 | 80.41 | 8.10 | 68.30 | -12.11 | 150 | 278 | Horizontal |
| 6 | 5500.0000 | 69.99 | 8.10 | 0.00 | -69.99 | 150 | 297 | Horizontal |

### 4.4.1.59 11AC20_MIMO_140 _Vertical



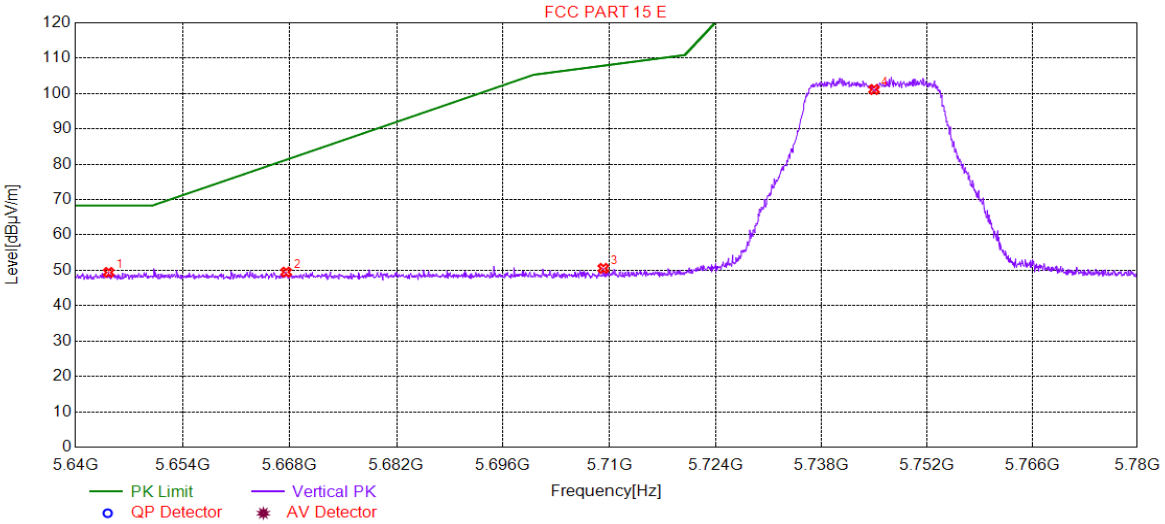

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.0000 | 101.00 | 8.51 | 68.30 | -32.70 | 150 | 217 | Vertical |
| 2 | 5725.0000 | 49.69 | 8.57 | 68.30 | 18.61 | 150 | 221 | Vertical |
| 3 | 5732.5263 | 51.34 | 8.58 | 68.30 | 16.96 | 150 | 245 | Vertical |

### 4.4.1.60 11AC20_MIMO_140 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.0000 | 84.19 | 8.51 | 68.30 | -15.89 | 150 | 228 | Horizontal |
| 2 | 5725.0000 | 48.70 | 8.57 | 68.30 | 19.60 | 150 | 218 | Horizontal |
| 3 | 5734.7374 | 49.59 | 8.59 | 68.30 | 18.71 | 150 | 190 | Horizontal |

### 4.4.1.61 11AC20_MIMO_149 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5644.3422 | 49.41 | 8.42 | 68.30 | 18.89 | 150 | 242 | Vertical |
| 2 | 5667.5238 | 49.50 | 8.46 | 81.27 | 31.77 | 150 | 323 | Vertical |
| 3 | 5709.1946 | 50.56 | 8.53 | 107.87 | 57.31 | 150 | 175 | Vertical |
| 4 | 5745.0000 | 101.13 | 8.61 | 0.00 | -101.13 | 150 | 213 | Vertical |



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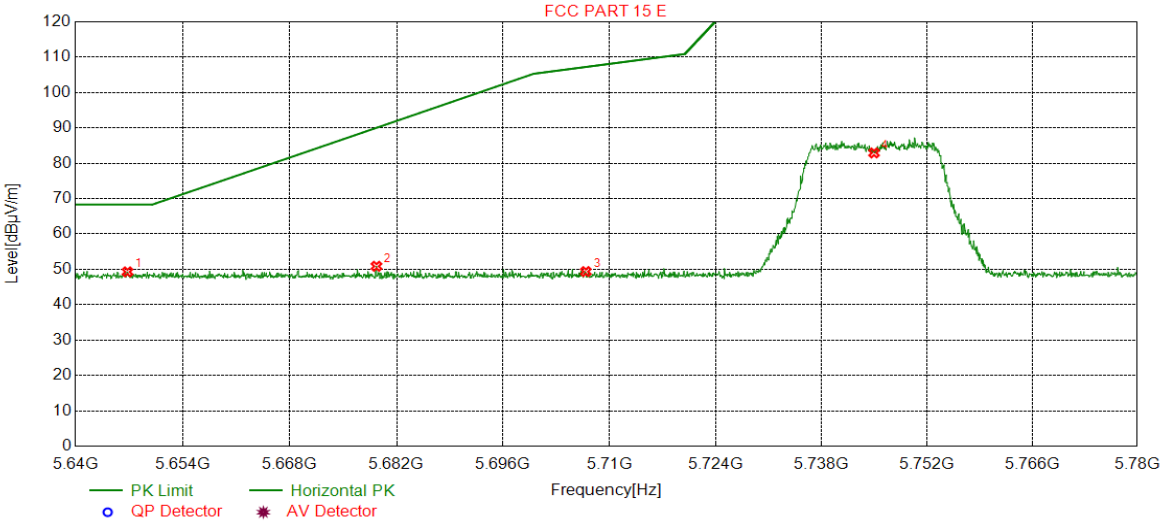
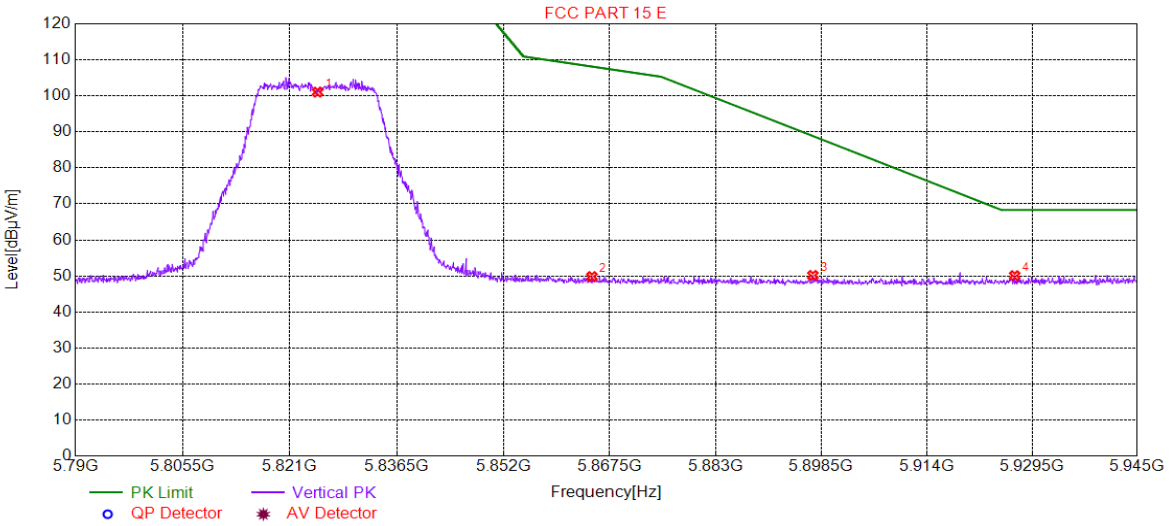
### 4.4.1.62 11AC20_MIMO_149 _ Horizontal



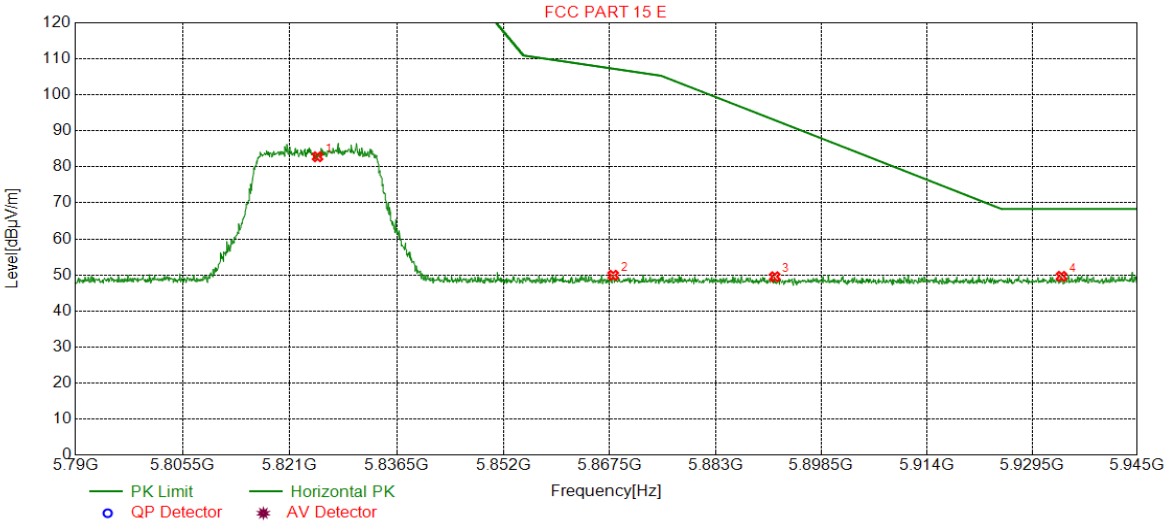

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5646.7934 | 49.30 | 8.42 | 68.30 | 19.00 | 150 | 133 | Horizontal |
| 2 | 5679.3597 | 50.87 | 8.48 | 90.03 | 39.16 | 150 | 161 | Horizontal |
| 3 | 5706.8834 | 49.37 | 8.53 | 107.23 | 57.86 | 150 | 19 | Horizontal |
| 4 | 5745.0000 | 82.92 | 8.61 | 0.00 | -82.92 | 150 | 83 | Horizontal |

### 4.4.1.63 11AC20_MIMO_165 _Vertical



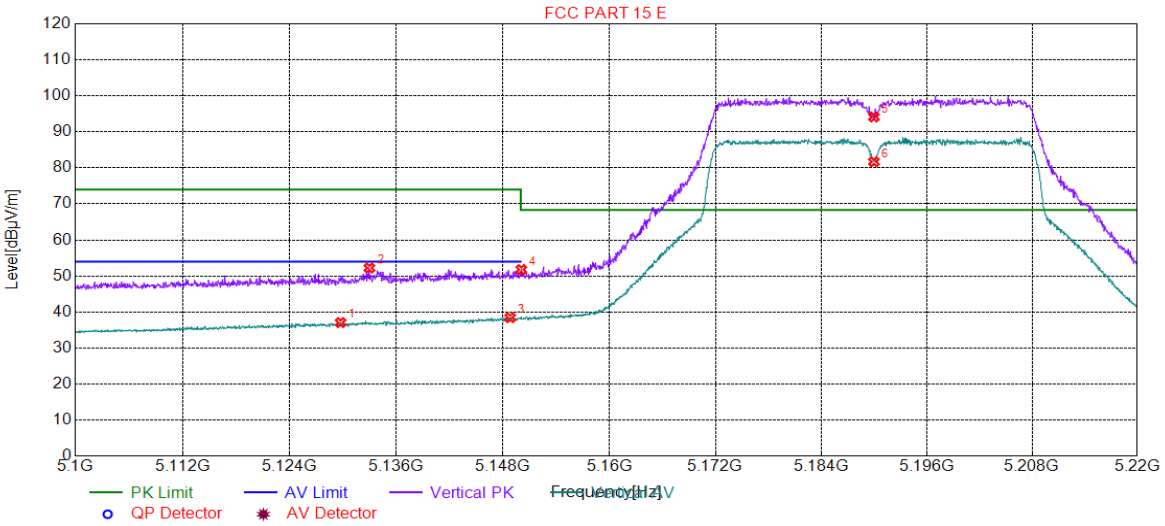

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.0000 | 101.03 | 8.82 | 0.00 | -101.03 | 150 | 217 | Vertical |
| 2 | 5864.9025 | 49.83 | 8.93 | 108.13 | 58.30 | 150 | 228 | Vertical |
| 3 | 5897.2361 | 50.16 | 9.03 | 88.85 | 38.69 | 150 | 79 | Vertical |
| 4 | 5926.9335 | 50.09 | 9.12 | 68.30 | 18.21 | 150 | 355 | Vertical |

### 4.4.1.64 11AC20_MIMO_165 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.0000 | 82.82 | 8.82 | 0.00 | -82.82 | 150 | 183 | Horizontal |
| 2 | 5868.0040 | 49.91 | 8.94 | 107.26 | 57.35 | 150 | 263 | Horizontal |
| 3 | 5891.6533 | 49.52 | 9.01 | 92.98 | 43.46 | 150 | 27 | Horizontal |
| 4 | 5933.8344 | 49.62 | 9.14 | 68.30 | 18.68 | 150 | 91 | Horizontal |

### 4.4.1.65 11AC40_MIMO_38 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5129.7149 | 37.07 | 7.52 | 54.00 | 16.93 | 150 | 231 | Vertical |
| 2 | 5132.9565 | 52.22 | 7.53 | 74.00 | 21.78 | 150 | 231 | Vertical |
| 3 | 5148.8044 | 38.42 | 7.55 | 54.00 | 15.58 | 150 | 231 | Vertical |
| 4 | 5150.0650 | 51.78 | 7.56 | 68.30 | 16.52 | 150 | 206 | Vertical |
| 5 | 5190.0000 | 94.14 | 7.62 | 68.30 | -25.84 | 150 | 231 | Vertical |
| 6 | 5190.0000 | 81.71 | 7.62 | 0.00 | -81.71 | 150 | 237 | Vertical |



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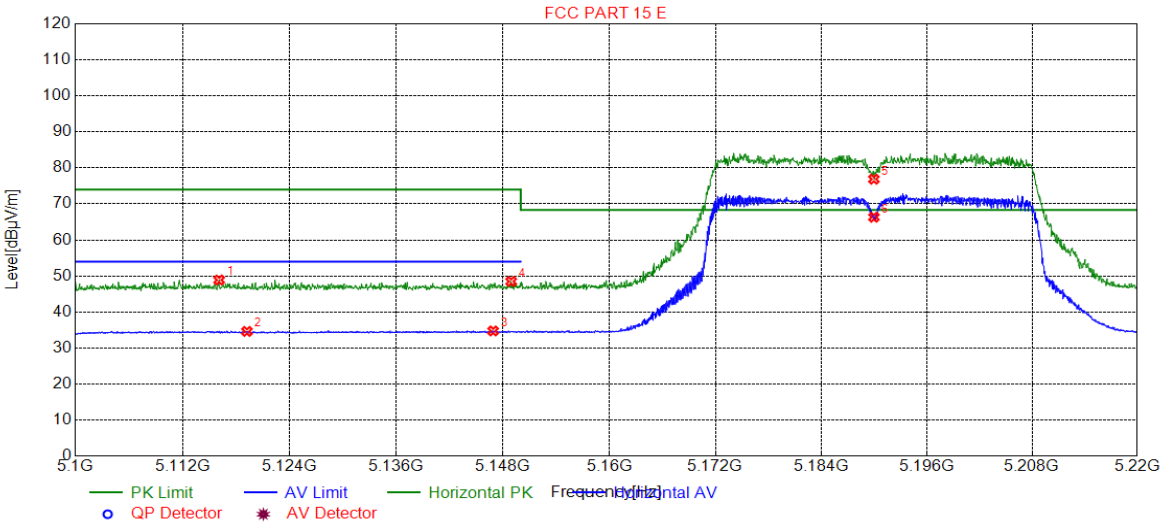
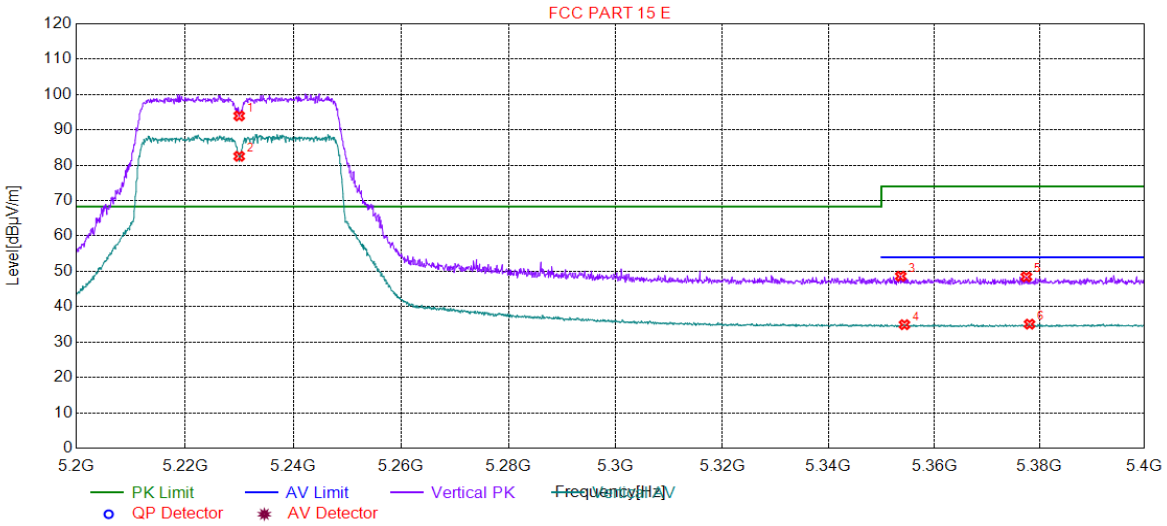
### 4.4.1.66 11AC40_MIMO_38 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5116.0880 | 48.88 | 7.50 | 74.00 | 25.12 | 150 | 134 | Horizontal |
| 2 | 5119.2096 | 34.61 | 7.50 | 54.00 | 19.39 | 150 | 267 | Horizontal |
| 3 | 5146.8834 | 34.74 | 7.55 | 54.00 | 19.26 | 150 | 134 | Horizontal |
| 4 | 5148.9245 | 48.48 | 7.55 | 74.00 | 25.52 | 150 | 197 | Horizontal |
| 5 | 5190.0000 | 76.87 | 7.62 | 68.30 | -8.57 | 150 | 159 | Horizontal |
| 6 | 5190.0000 | 66.32 | 7.62 | 0.00 | -66.32 | 150 | 178 | Horizontal |

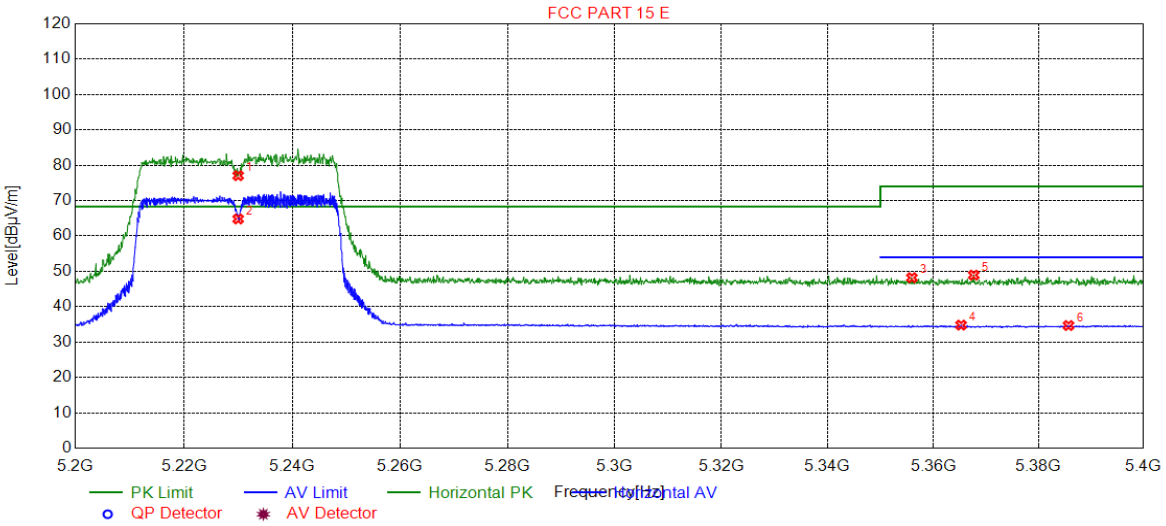
## 4.4.1.67 11AC40_MIMO_46 _Vertical




**Suspected List**

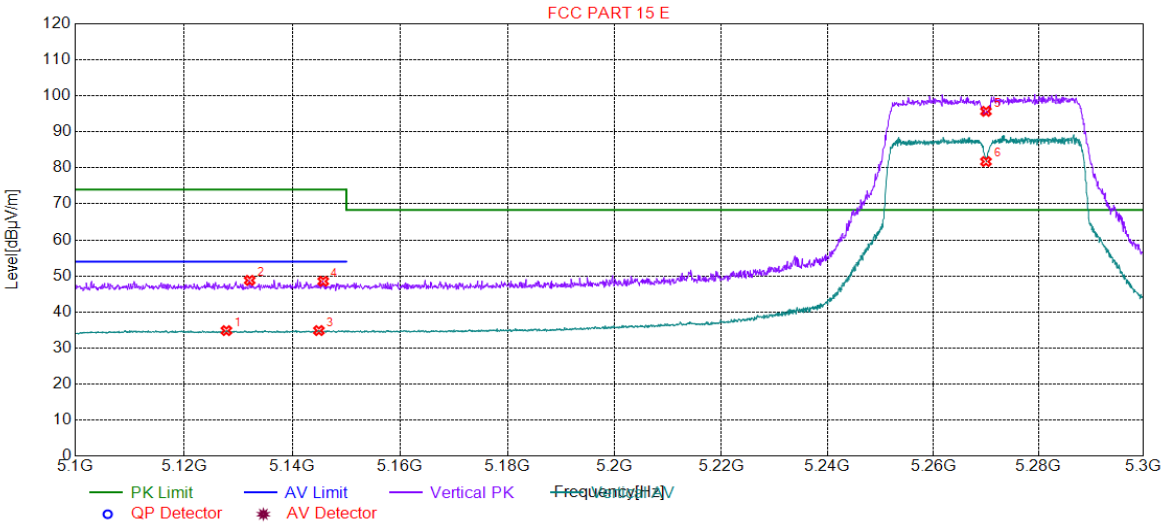
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5230.0000 | 93.95 | 7.67 | 68.30 | -25.65 | 150 | 194 | Vertical |
| 2 | 5230.0000 | 82.53 | 7.67 | 0.00 | -82.53 | 150 | 200 | Vertical |
| 3 | 5353.6768 | 48.63 | 7.85 | 74.00 | 25.37 | 150 | 106 | Vertical |
| 4 | 5354.3772 | 34.92 | 7.85 | 54.00 | 19.08 | 150 | 31 | Vertical |
| 5 | 5377.4887 | 48.46 | 7.89 | 74.00 | 25.54 | 150 | 18 | Vertical |
| 6 | 5378.0890 | 35.07 | 7.90 | 54.00 | 18.93 | 150 | 194 | Vertical |

## 4.4.1.68 11AC40_MIMO_46 _ Horizontal



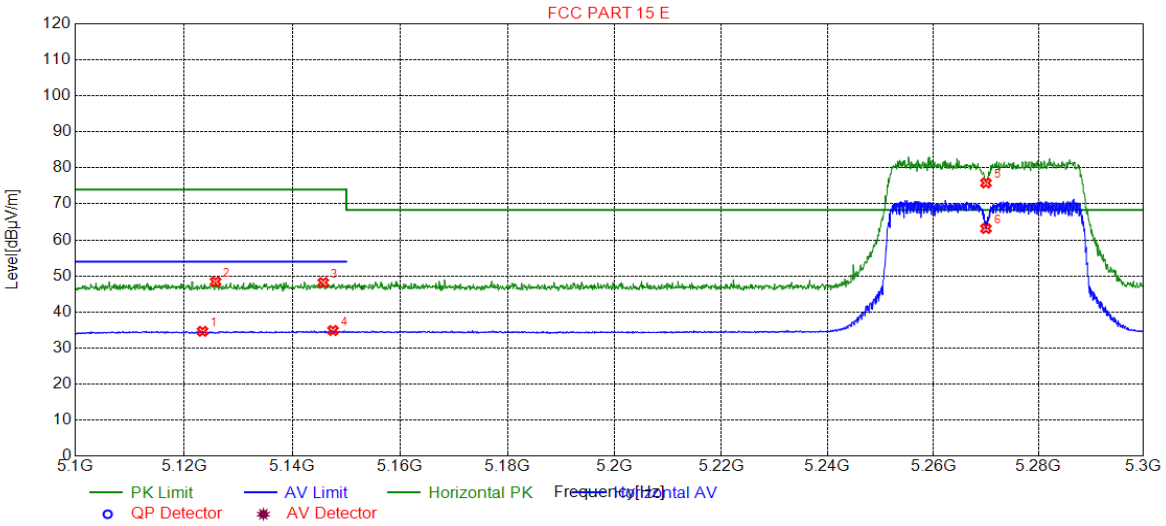

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.0000 | 77.06 | 7.67 | 68.30 | -8.76 | 150 | 222 | Horizontal |
| 2 | 5230.0000 | 64.81 | 7.67 | 0.00 | -64.81 | 150 | 178 | Horizontal |
| 3 | 5355.9780 | 48.21 | 7.85 | 74.00 | 25.79 | 150 | 260 | Horizontal |
| 4 | 5365.2826 | 34.80 | 7.87 | 54.00 | 19.20 | 150 | 216 | Horizontal |
| 5 | 5367.6838 | 48.94 | 7.88 | 74.00 | 25.06 | 150 | 78 | Horizontal |
| 6 | 5385.6928 | 34.68 | 7.91 | 54.00 | 19.32 | 150 | 72 | Horizontal |

### 4.4.1.69 11AC40_MIMO_54 _Vertical



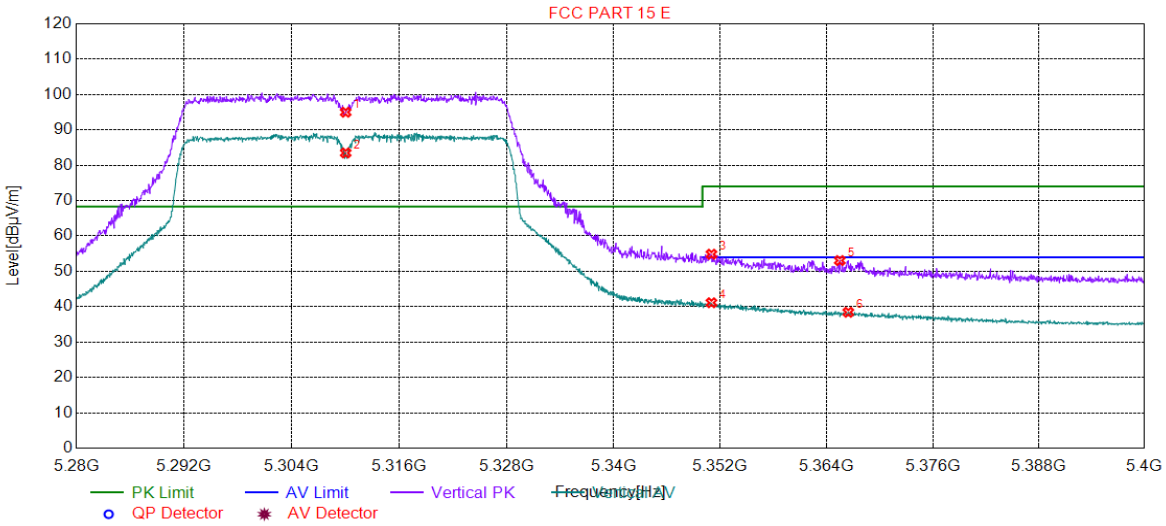

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5127.8139 | 34.83 | 7.52 | 54.00 | 19.17 | 150 | 208 | Vertical |
| 2 | 5132.1161 | 48.78 | 7.52 | 74.00 | 25.22 | 150 | 50 | Vertical |
| 3 | 5144.9225 | 34.85 | 7.55 | 54.00 | 19.15 | 150 | 214 | Vertical |
| 4 | 5145.7229 | 48.52 | 7.55 | 74.00 | 25.48 | 150 | 352 | Vertical |
| 5 | 5270.0000 | 95.70 | 7.71 | 68.30 | -27.40 | 150 | 201 | Vertical |
| 6 | 5270.0000 | 81.75 | 7.71 | 0.00 | -81.75 | 150 | 170 | Vertical |

## 4.4.1.70 11AC40_MIMO_54 _ Horizontal



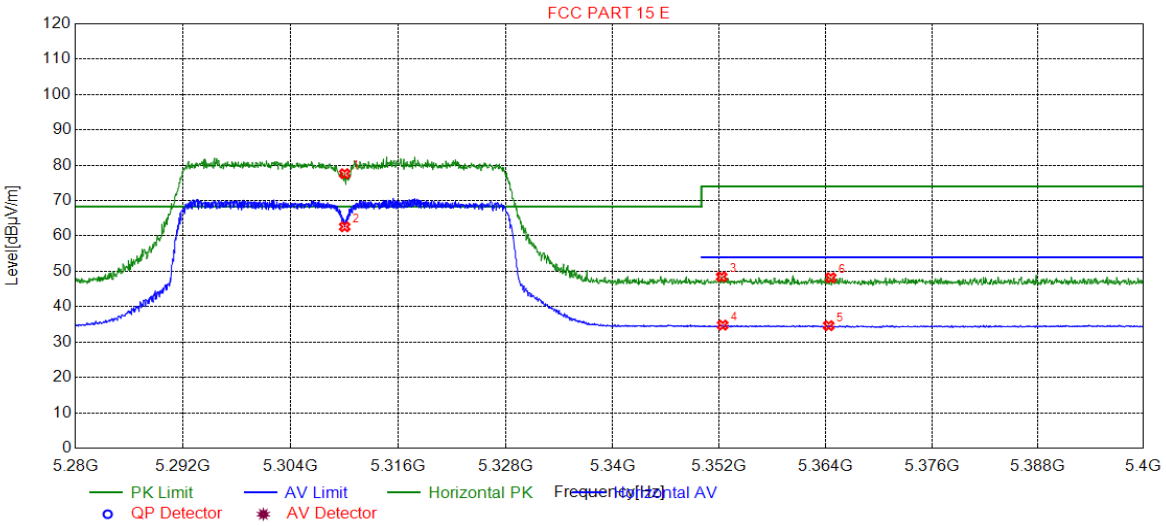

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5123.4117 | 34.64 | 7.51 | 54.00 | 19.36 | 150 | 35 | Horizontal |
| 2 | 5125.8129 | 48.42 | 7.51 | 74.00 | 25.58 | 150 | 266 | Horizontal |
| 3 | 5145.7229 | 48.16 | 7.55 | 74.00 | 25.84 | 150 | 116 | Horizontal |
| 4 | 5147.5238 | 34.87 | 7.55 | 54.00 | 19.13 | 150 | 141 | Horizontal |
| 5 | 5270.0000 | 75.82 | 7.71 | 68.30 | -7.52 | 150 | 342 | Horizontal |
| 6 | 5270.0000 | 63.16 | 7.71 | 0.00 | -63.16 | 150 | 342 | Horizontal |

### 4.4.1.71 11AC40_MIMO_62 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.0000 | 94.99 | 7.76 | 68.30 | -26.69 | 150 | 198 | Vertical |
| 2 | 5310.0000 | 83.48 | 7.76 | 0.00 | -83.48 | 150 | 204 | Vertical |
| 3 | 5351.0155 | 54.85 | 7.84 | 74.00 | 19.15 | 150 | 204 | Vertical |
| 4 | 5351.0155 | 41.12 | 7.84 | 54.00 | 12.88 | 150 | 204 | Vertical |
| 5 | 5365.4827 | 53.06 | 7.87 | 74.00 | 20.94 | 150 | 198 | Vertical |
| 6 | 5366.4432 | 38.43 | 7.87 | 54.00 | 15.57 | 150 | 204 | Vertical |

## 4.4.1.72 11AC40_MIMO_62 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.0000 | 77.62 | 7.76 | 68.30 | -9.32 | 150 | 224 | Horizontal |
| 2 | 5310.0000 | 62.60 | 7.76 | 0.00 | -62.60 | 150 | 224 | Horizontal |
| 3 | 5352.2761 | 48.47 | 7.84 | 74.00 | 25.53 | 150 | 212 | Horizontal |
| 4 | 5352.3962 | 34.80 | 7.84 | 54.00 | 19.20 | 150 | 1 | Horizontal |
| 5 | 5364.3422 | 34.65 | 7.87 | 54.00 | 19.35 | 150 | 139 | Horizontal |
| 6 | 5364.5823 | 48.20 | 7.87 | 74.00 | 25.80 | 150 | 314 | Horizontal |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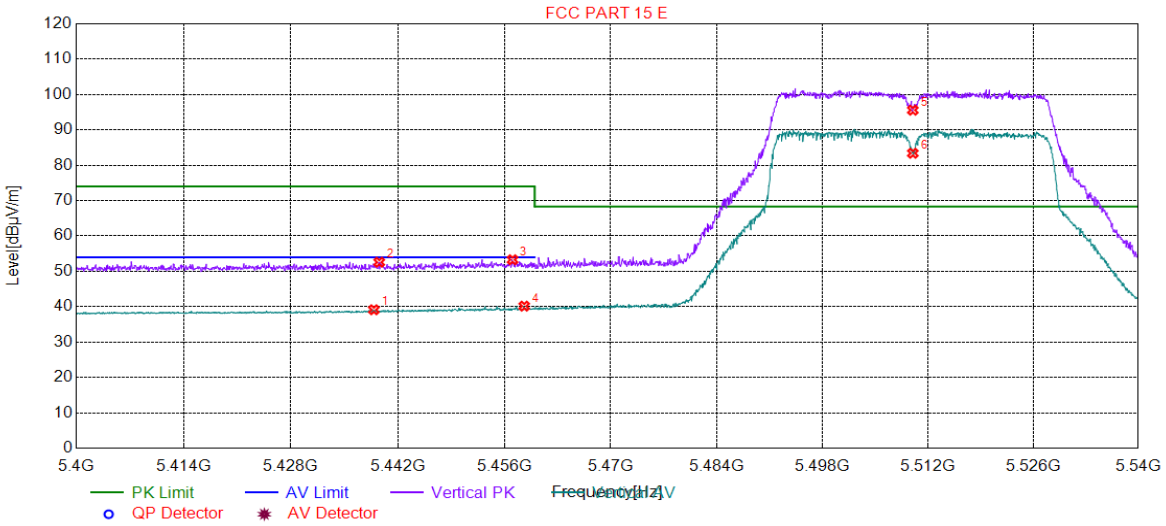
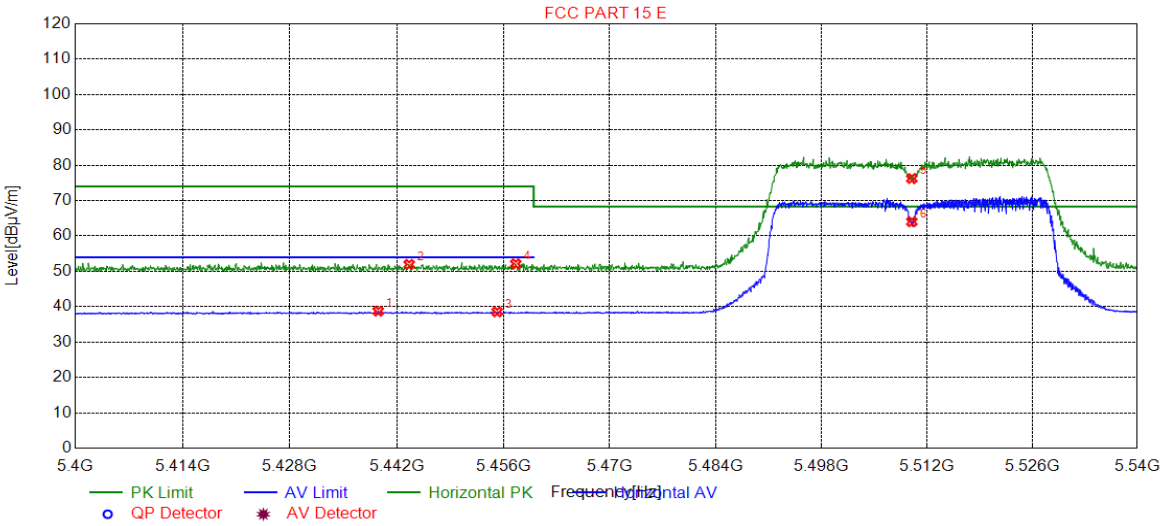
### 4.4.1.73 11AC40_MIMO_102 _Vertical



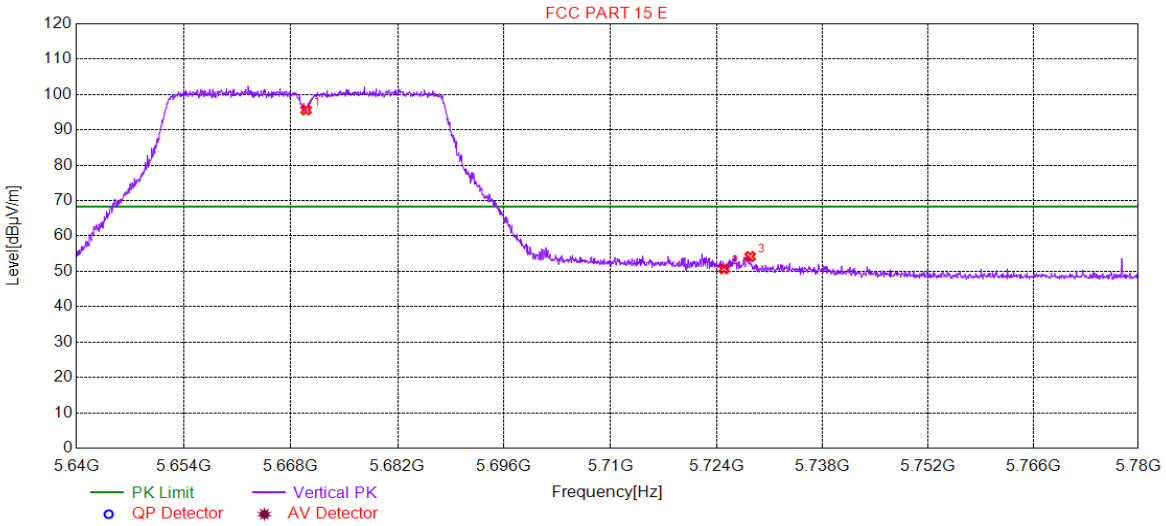

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5438.8694 | 39.14 | 8.00 | 54.00 | 14.86 | 150 | 203 | Vertical |
| 2 | 5439.5698 | 52.58 | 8.00 | 74.00 | 21.42 | 150 | 291 | Vertical |
| 3 | 5457.0785 | 53.28 | 8.03 | 74.00 | 20.72 | 150 | 195 | Vertical |
| 4 | 5458.6193 | 40.17 | 8.03 | 54.00 | 13.83 | 150 | 211 | Vertical |
| 5 | 5510.0000 | 95.58 | 8.13 | 68.30 | -27.28 | 150 | 203 | Vertical |
| 6 | 5510.0000 | 83.40 | 8.13 | 0.00 | -83.40 | 150 | 199 | Vertical |

## 4.4.1.74 11AC40_MIMO_102 _ Horizontal



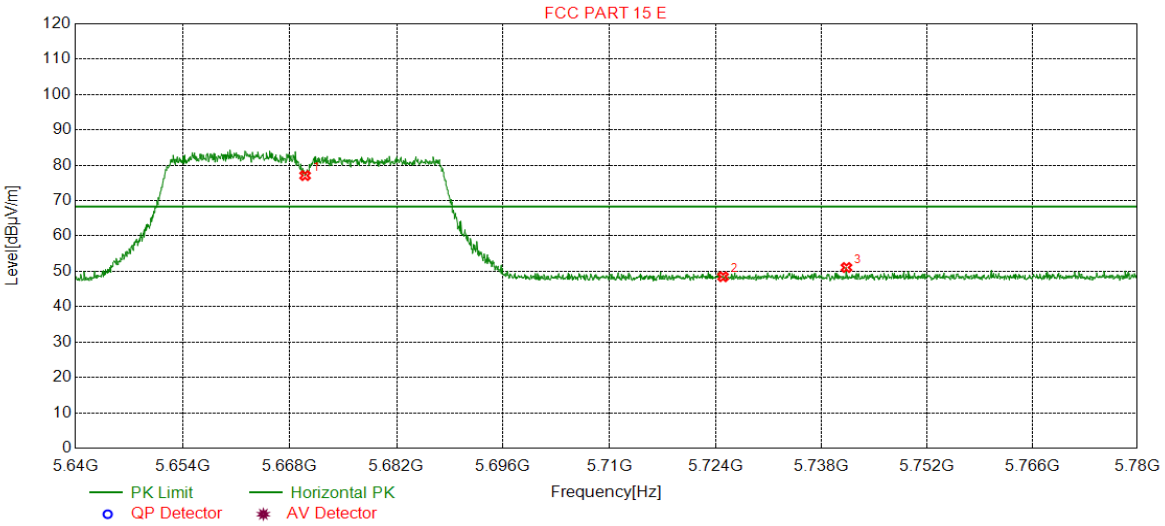

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5439.5698 | 38.74 | 8.00 | 54.00 | 15.26 | 150 | 294 | Horizontal |
| 2 | 5443.6318 | 51.95 | 8.01 | 74.00 | 22.05 | 150 | 324 | Horizontal |
| 3 | 5455.1876 | 38.55 | 8.03 | 54.00 | 15.45 | 150 | 180 | Horizontal |
| 4 | 5457.6388 | 52.14 | 8.03 | 74.00 | 21.86 | 150 | 127 | Horizontal |
| 5 | 5510.0000 | 76.24 | 8.13 | 68.30 | -7.94 | 150 | 294 | Horizontal |
| 6 | 5510.0000 | 64.04 | 8.13 | 0.00 | -64.04 | 150 | 74 | Horizontal |

### 4.4.1.75 11AC40_MIMO_134 _Vertical



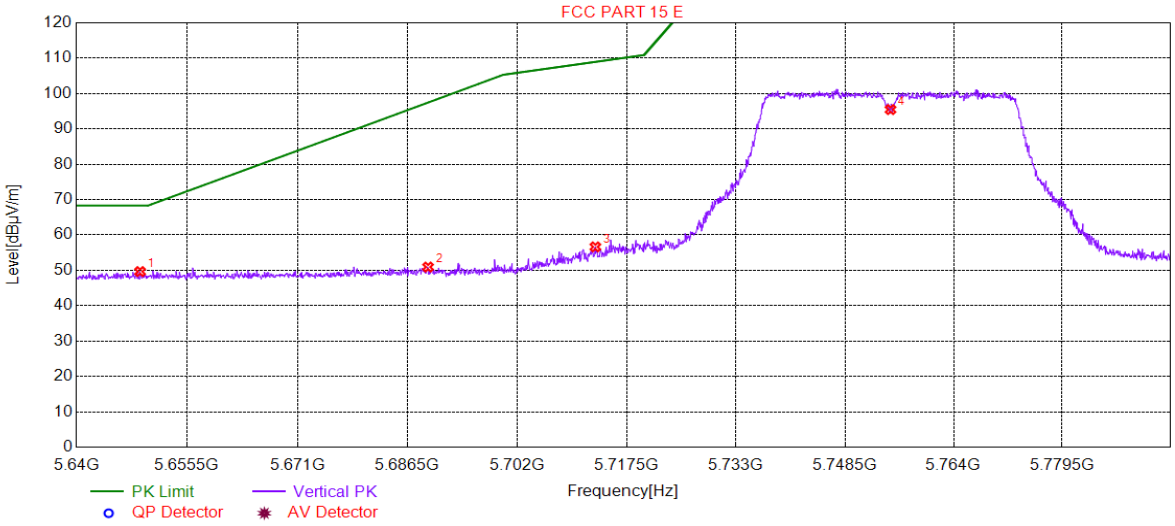

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.0000 | 95.64 | 8.46 | 68.30 | -27.34 | 150 | 206 | Vertical |
| 2 | 5725.0000 | 50.71 | 8.57 | 68.30 | 17.59 | 150 | 253 | Vertical |
| 3 | 5728.4542 | 54.20 | 8.58 | 68.30 | 14.10 | 150 | 215 | Vertical |

### 4.4.1.76 11AC40_MIMO_134 _ Horizontal



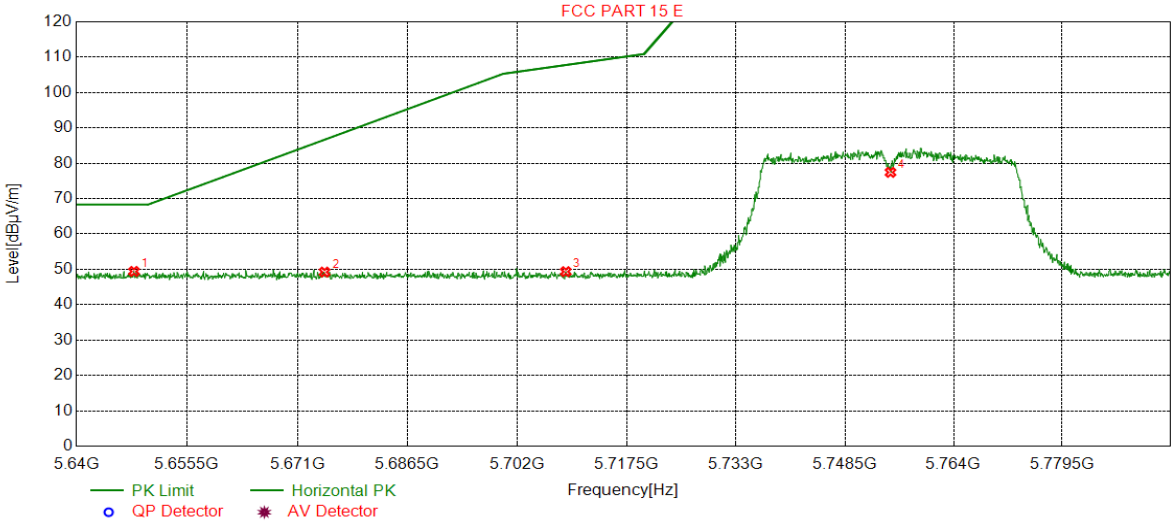

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.0000 | 77.08 | 8.46 | 68.30 | -8.78 | 150 | 127 | Horizontal |
| 2 | 5725.0000 | 48.48 | 8.57 | 68.30 | 19.82 | 150 | 28 | Horizontal |
| 3 | 5741.3407 | 51.08 | 8.61 | 68.30 | 17.22 | 150 | 318 | Horizontal |

## 4.4.1.77 11AC40_MIMO_151 _Vertical



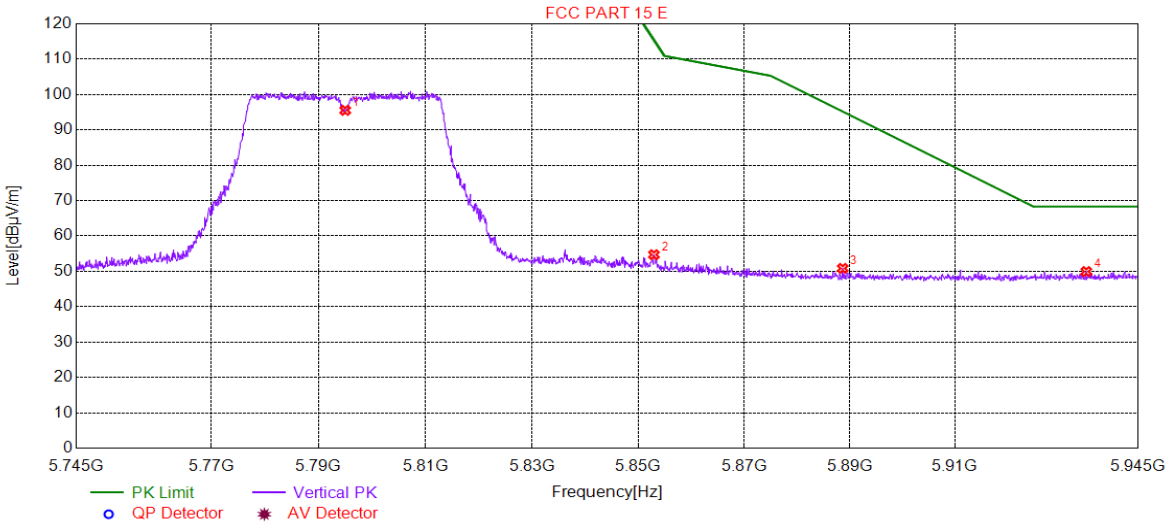

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5648.9170 | 49.66 | 8.43 | 68.30 | 18.64 | 150 | 18 | Vertical |
| 2 | 5689.3922 | 50.94 | 8.49 | 97.45 | 46.51 | 150 | 217 | Vertical |
| 3 | 5713.0415 | 56.64 | 8.54 | 108.95 | 52.31 | 150 | 207 | Vertical |
| 4 | 5755.0000 | 95.46 | 8.64 | 0.00 | -95.46 | 150 | 212 | Vertical |

### 4.4.1.78 11AC40_MIMO_151 _ Horizontal



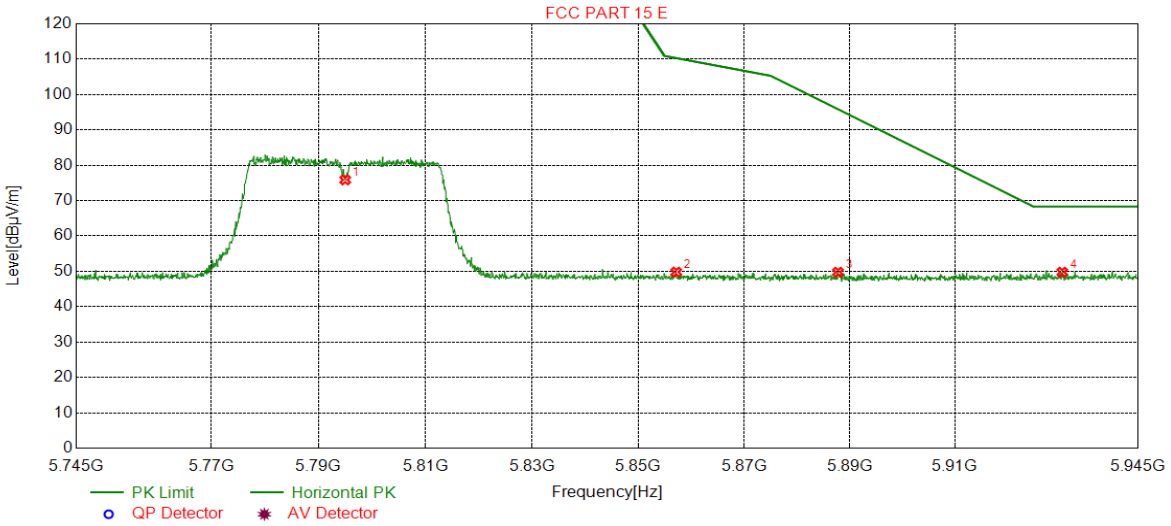

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5648.0640 | 49.41 | 8.43 | 68.30 | 18.89 | 150 | 342 | Horizontal |
| 2 | 5674.8149 | 49.23 | 8.47 | 86.66 | 37.43 | 150 | 130 | Horizontal |
| 3 | 5708.8544 | 49.35 | 8.53 | 107.78 | 58.43 | 150 | 54 | Horizontal |
| 4 | 5755.0000 | 77.42 | 8.64 | 0.00 | -77.42 | 150 | 200 | Horizontal |

### 4.4.1.79 11AC40_MIMO_159 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.0000 | 95.53 | 8.73 | 0.00 | -95.53 | 150 | 204 | Vertical |
| 2 | 5852.9540 | 54.71 | 8.90 | 115.56 | 60.85 | 150 | 218 | Vertical |
| 3 | 5888.6718 | 50.84 | 9.01 | 95.18 | 44.34 | 150 | 199 | Vertical |
| 4 | 5935.0950 | 49.94 | 9.15 | 68.30 | 18.36 | 150 | 127 | Vertical |

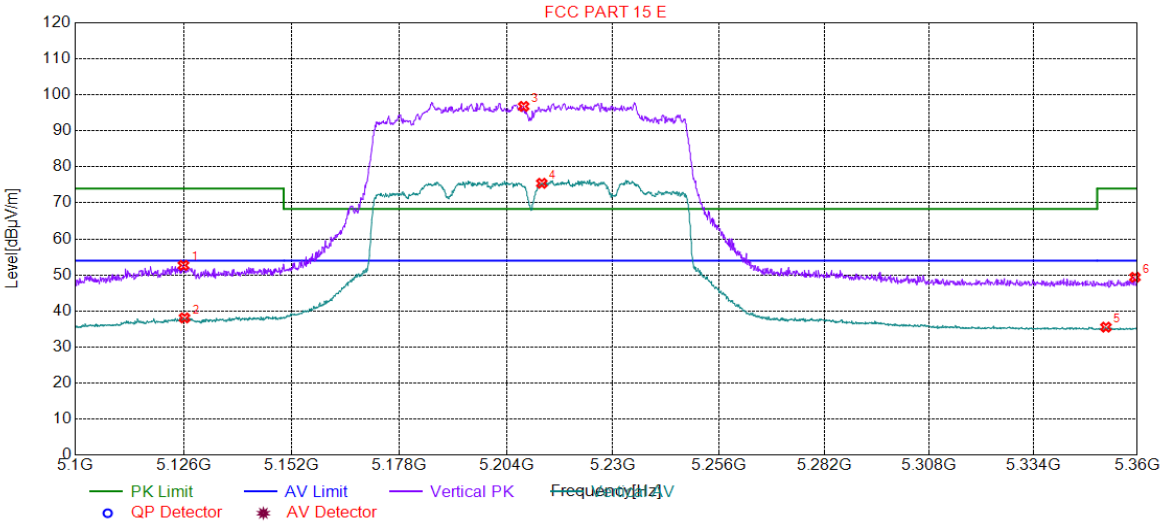
## 4.4.1.80 11AC40_MIMO_159 _ Horizontal




**Suspected List**

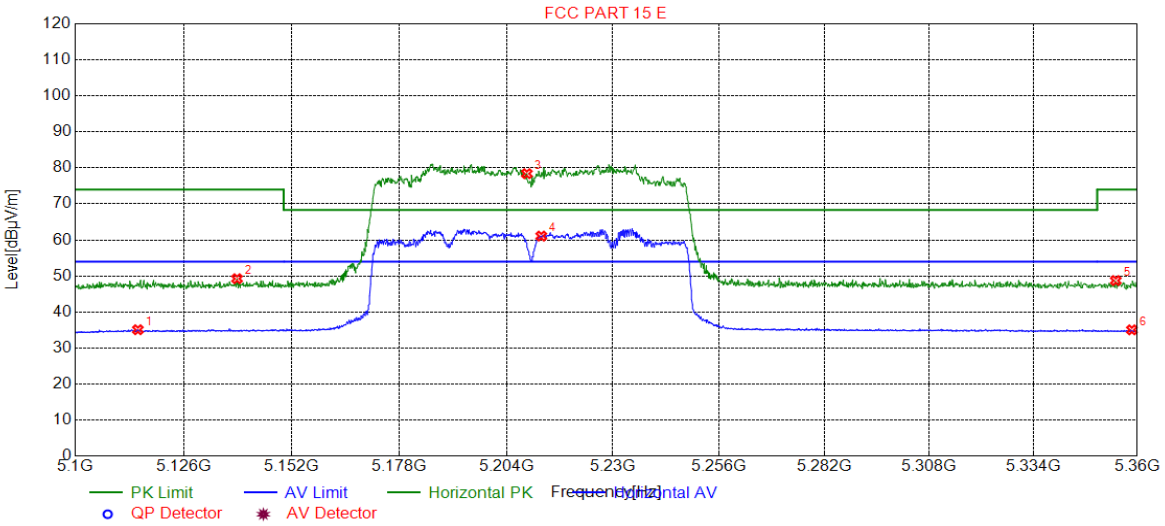
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5795.0000 | 75.87 | 8.73 | 0.00 | -75.87 | 150 | 226 | Horizontal |
| 2 | 5857.1561 | 49.79 | 8.91 | 110.30 | 60.51 | 150 | 342 | Horizontal |
| 3 | 5887.7714 | 49.77 | 9.00 | 95.85 | 46.08 | 150 | 66 | Horizontal |
| 4 | 5930.4927 | 49.76 | 9.13 | 68.30 | 18.54 | 150 | 66 | Horizontal |

## 4.4.1.81 11AC80_MIMO_42 _Vertical



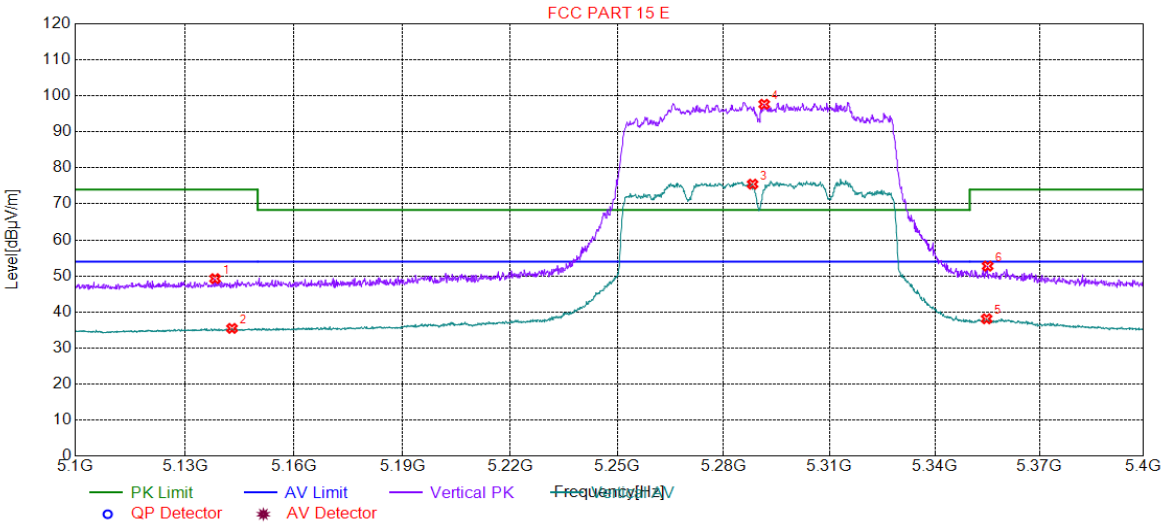

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5125.8829 | 52.66 | 7.51 | 74.00 | 21.34 | 150 | 194 | Vertical |
| 2 | 5126.1431 | 38.08 | 7.51 | 54.00 | 15.92 | 150 | 223 | Vertical |
| 3 | 5208.2141 | 96.80 | 7.65 | 68.30 | -28.50 | 150 | 204 | Vertical |
| 4 | 5212.6363 | 75.45 | 7.65 | 54.00 | -21.45 | 150 | 170 | Vertical |
| 5 | 5352.1961 | 35.52 | 7.84 | 54.00 | 18.48 | 150 | 228 | Vertical |
| 6 | 5359.4797 | 49.36 | 7.86 | 74.00 | 24.64 | 150 | 51 | Vertical |

## 4.4.1.82 11AC80_MIMO_42 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5114.9575 | 35.08 | 7.50 | 54.00 | 18.92 | 150 | 262 | Horizontal |
| 2 | 5138.7594 | 49.25 | 7.54 | 74.00 | 24.75 | 150 | 199 | Horizontal |
| 3 | 5208.9945 | 78.40 | 7.65 | 68.30 | -10.10 | 150 | 262 | Horizontal |
| 4 | 5212.5063 | 61.07 | 7.65 | 54.00 | -7.07 | 150 | 199 | Horizontal |
| 5 | 5354.6673 | 48.72 | 7.85 | 74.00 | 25.28 | 150 | 153 | Horizontal |
| 6 | 5358.6994 | 35.05 | 7.86 | 54.00 | 18.95 | 150 | 345 | Horizontal |

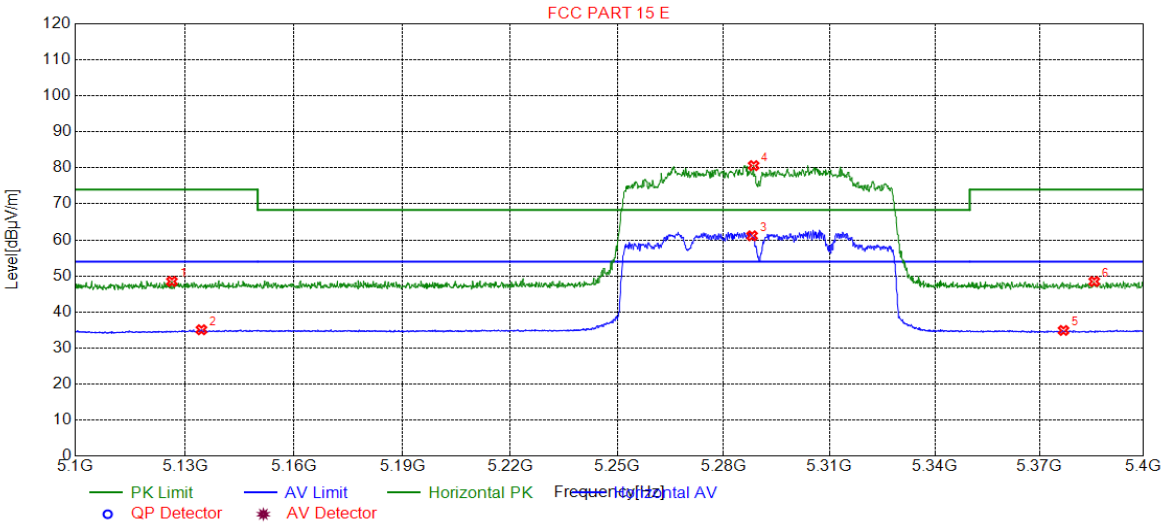
### 4.4.1.83 11AC80_MIMO_58 _Vertical




**Suspected List**

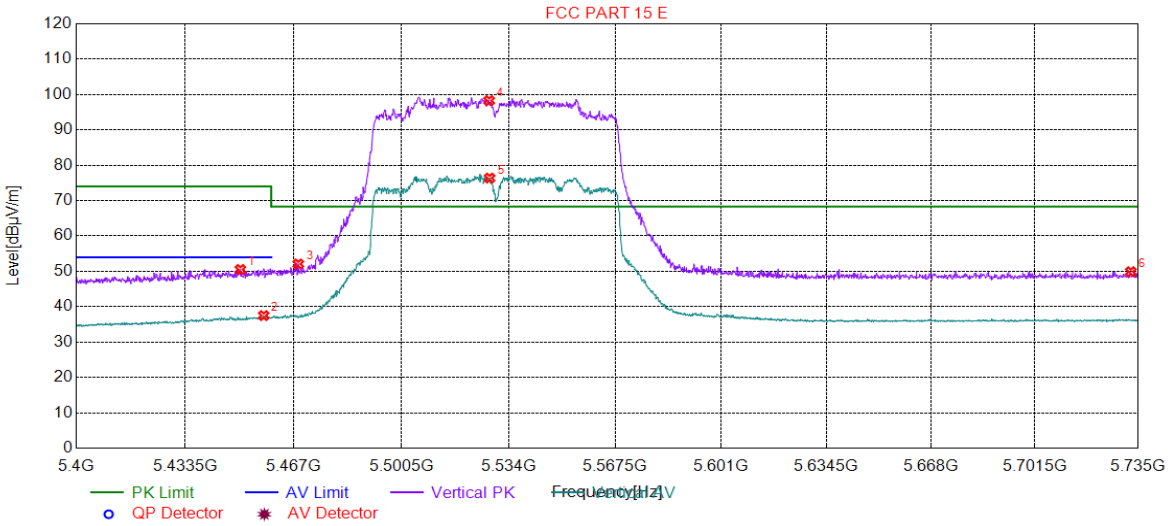
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5138.2691 | 49.26 | 7.54 | 74.00 | 24.74 | 150 | 20 | Vertical |
| 2 | 5142.9215 | 35.45 | 7.54 | 54.00 | 18.55 | 150 | 221 | Vertical |
| 3 | 5288.1941 | 75.49 | 7.73 | 54.00 | -21.49 | 150 | 226 | Vertical |
| 4 | 5291.4957 | 97.67 | 7.73 | 68.30 | -29.37 | 150 | 197 | Vertical |
| 5 | 5354.8274 | 38.11 | 7.85 | 54.00 | 15.89 | 150 | 226 | Vertical |
| 6 | 5355.1276 | 52.74 | 7.85 | 74.00 | 21.26 | 150 | 226 | Vertical |

### 4.4.1.84 11AC80_MIMO_58 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5126.4132 | 48.48 | 7.51 | 74.00 | 25.52 | 150 | 159 | Horizontal |
| 2 | 5134.5173 | 35.07 | 7.53 | 54.00 | 18.93 | 150 | 73 | Horizontal |
| 3 | 5288.0440 | 61.15 | 7.73 | 54.00 | -7.15 | 150 | 207 | Horizontal |
| 4 | 5288.4942 | 80.63 | 7.73 | 68.30 | -12.33 | 150 | 207 | Horizontal |
| 5 | 5376.8884 | 34.88 | 7.89 | 54.00 | 19.12 | 150 | 16 | Horizontal |
| 6 | 5385.7429 | 48.47 | 7.91 | 74.00 | 25.53 | 150 | 260 | Horizontal |

### 4.4.1.85 11AC80_MIMO_106 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5450.4427 | 50.54 | 8.02 | 74.00 | 23.46 | 150 | 197 | Vertical |
| 2 | 5457.6488 | 37.50 | 8.03 | 54.00 | 16.50 | 150 | 202 | Vertical |
| 3 | 5468.3742 | 52.09 | 8.05 | 68.30 | 16.21 | 150 | 225 | Vertical |
| 4 | 5527.8664 | 98.28 | 8.17 | 68.30 | -29.98 | 150 | 197 | Vertical |
| 5 | 5528.0000 | 76.37 | 8.17 | 0.00 | -76.37 | 150 | 202 | Vertical |
| 6 | 5732.6538 | 49.91 | 8.59 | 68.30 | 18.39 | 150 | 12 | Vertical |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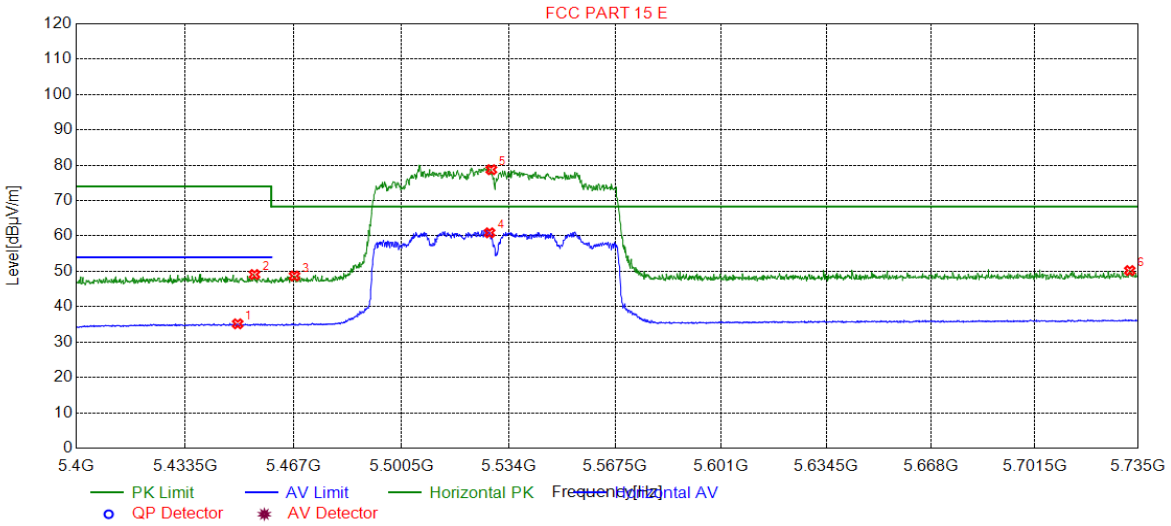
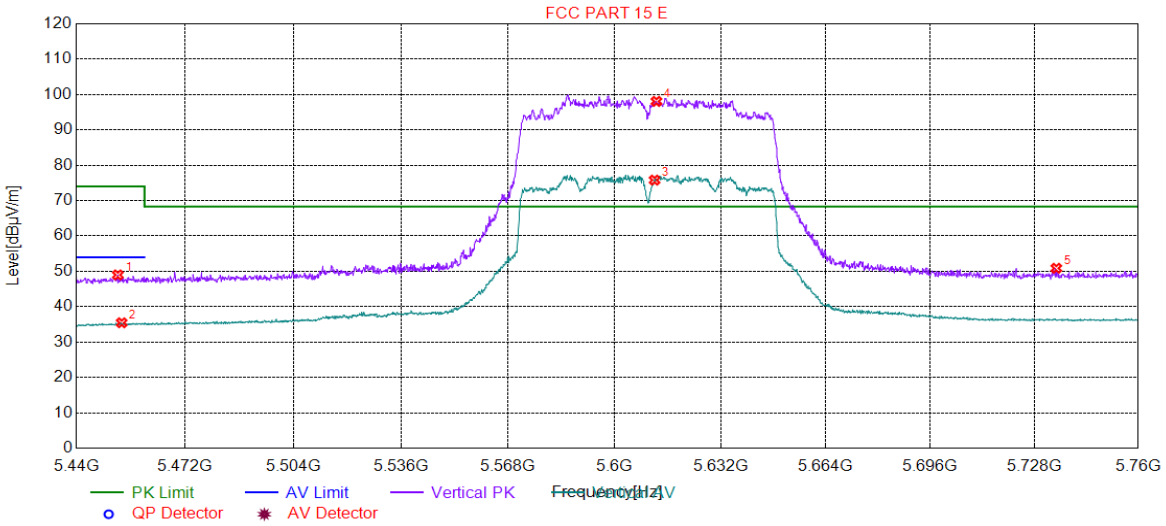
### 4.4.1.86 11AC80_MIMO_106 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5449.6048 | 35.17 | 8.02 | 54.00 | 18.83 | 150 | 300 | Horizontal |
| 2 | 5454.7999 | 49.11 | 8.03 | 74.00 | 24.89 | 150 | 238 | Horizontal |
| 3 | 5467.2011 | 48.69 | 8.05 | 68.30 | 19.61 | 150 | 49 | Horizontal |
| 4 | 5528.0000 | 60.90 | 8.17 | 0.00 | -60.90 | 150 | 262 | Horizontal |
| 5 | 5528.5368 | 78.75 | 8.17 | 68.30 | -10.45 | 150 | 267 | Horizontal |
| 6 | 5732.3187 | 50.22 | 8.58 | 68.30 | 18.08 | 150 | 187 | Horizontal |

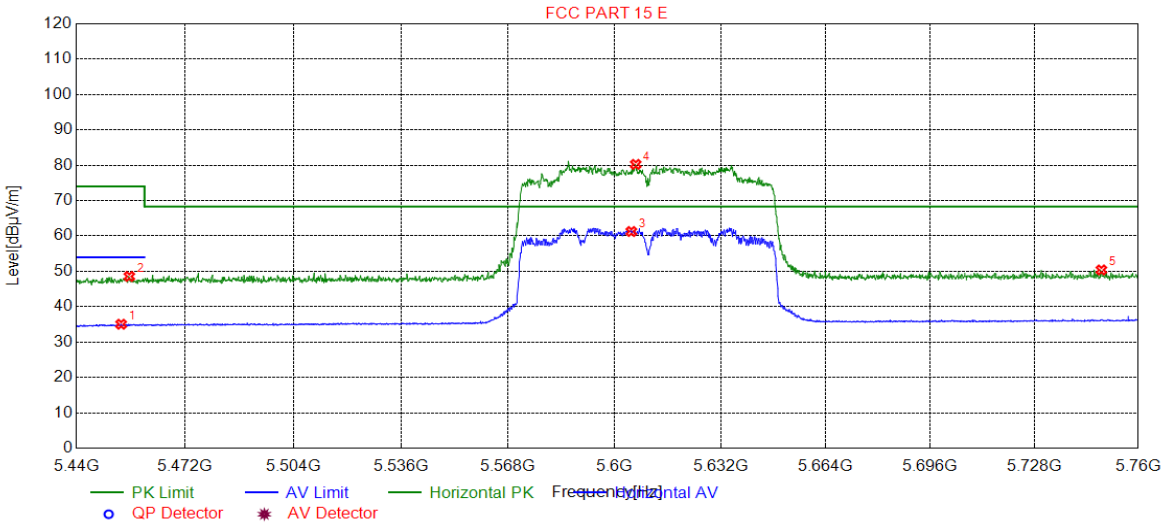
## 4.4.1.87 11AC80_MIMO_122 _Vertical




**Suspected List**

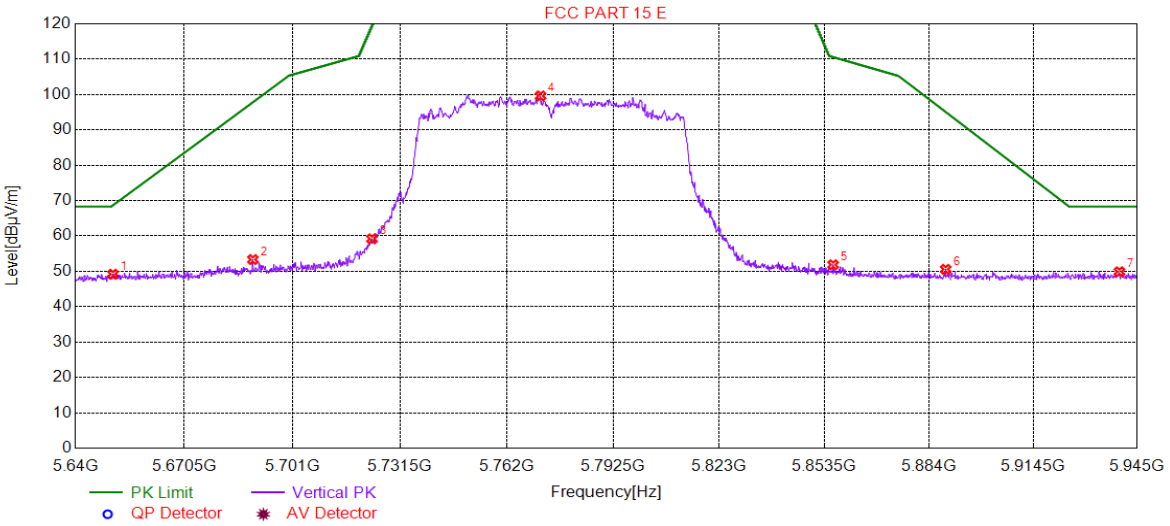
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5452.1661 | 49.00 | 8.02 | 74.00 | 25.00 | 150 | 329 | Vertical |
| 2 | 5453.2866 | 35.46 | 8.03 | 54.00 | 18.54 | 150 | 263 | Vertical |
| 3 | 5612.0000 | 75.80 | 8.37 | 0.00 | -75.80 | 150 | 207 | Vertical |
| 4 | 5612.5663 | 98.06 | 8.37 | 68.30 | -29.76 | 150 | 207 | Vertical |
| 5 | 5734.7074 | 50.88 | 8.59 | 68.30 | 17.42 | 150 | 211 | Vertical |

### 4.4.1.88 11AC80_MIMO_122 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5453.1266 | 35.05 | 8.03 | 54.00 | 18.95 | 150 | 116 | Horizontal |
| 2 | 5455.5278 | 48.56 | 8.03 | 74.00 | 25.44 | 150 | 212 | Horizontal |
| 3 | 5605.0000 | 61.27 | 8.36 | 0.00 | -61.27 | 150 | 278 | Horizontal |
| 4 | 5606.3232 | 80.25 | 8.36 | 68.30 | -11.95 | 150 | 230 | Horizontal |
| 5 | 5748.6343 | 50.40 | 8.62 | 68.30 | 17.90 | 150 | 125 | Horizontal |

### 4.4.1.89 11AC80_MIMO_155 _Vertical




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5650.5278 | 49.20 | 8.43 | 68.69 | 19.49 | 150 | 203 | Vertical |
| 2 | 5689.8924 | 53.35 | 8.49 | 97.82 | 44.47 | 150 | 199 | Vertical |
| 3 | 5723.6118 | 59.19 | 8.56 | 119.13 | 59.94 | 150 | 210 | Vertical |
| 4 | 5771.6733 | 99.61 | 8.67 | 122.30 | 22.69 | 150 | 203 | Vertical |
| 5 | 5856.0480 | 51.87 | 8.91 | 110.61 | 58.74 | 150 | 217 | Vertical |
| 6 | 5888.8519 | 50.58 | 9.01 | 95.05 | 44.47 | 150 | 66 | Vertical |
| 7 | 5939.8124 | 49.89 | 9.16 | 68.30 | 18.41 | 150 | 294 | Vertical |



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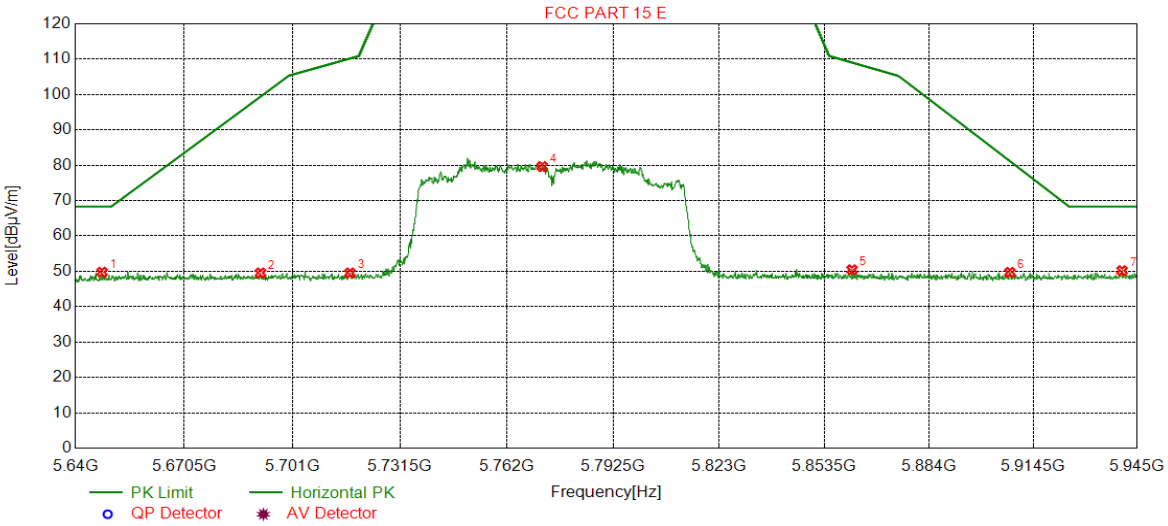
## 4.4.1.90 11AC80_MIMO_155 _ Horizontal




**Suspected List**

| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5647.4762 | 49.77 | 8.43 | 68.30 | 18.53 | 150 | 266 | Horizontal |
| 2 | 5692.0285 | 49.55 | 8.50 | 99.40 | 49.85 | 150 | 180 | Horizontal |
| 3 | 5717.3562 | 49.56 | 8.55 | 110.16 | 60.60 | 150 | 304 | Horizontal |
| 4 | 5772.1311 | 79.64 | 8.68 | 122.30 | 42.66 | 150 | 173 | Horizontal |
| 5 | 5861.5408 | 50.46 | 8.92 | 109.07 | 58.61 | 150 | 244 | Horizontal |
| 6 | 5907.6188 | 49.72 | 9.06 | 81.16 | 31.44 | 150 | 308 | Horizontal |
| 7 | 5940.5753 | 50.20 | 9.16 | 68.30 | 18.10 | 150 | 120 | Horizontal |



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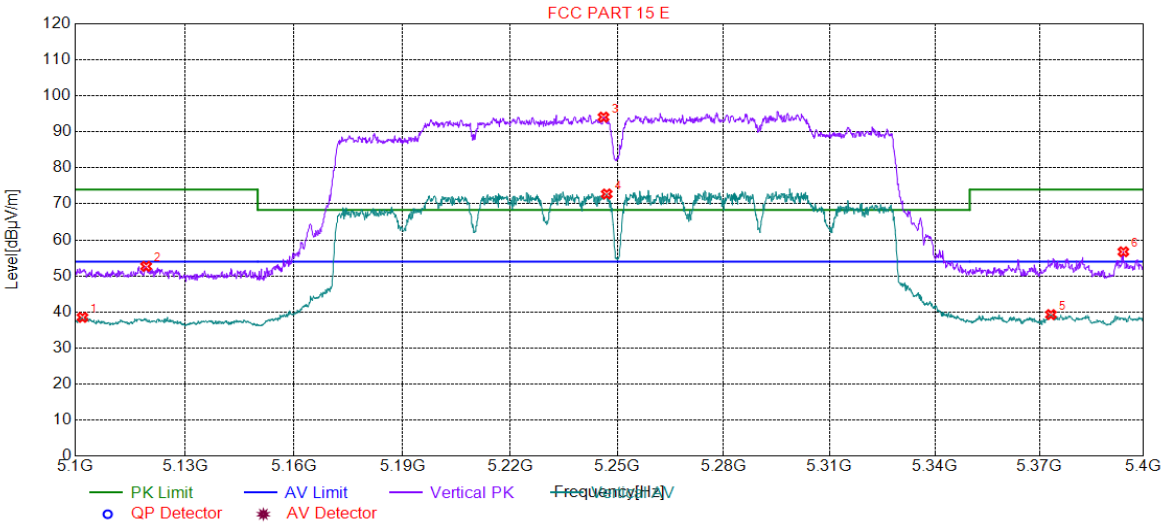
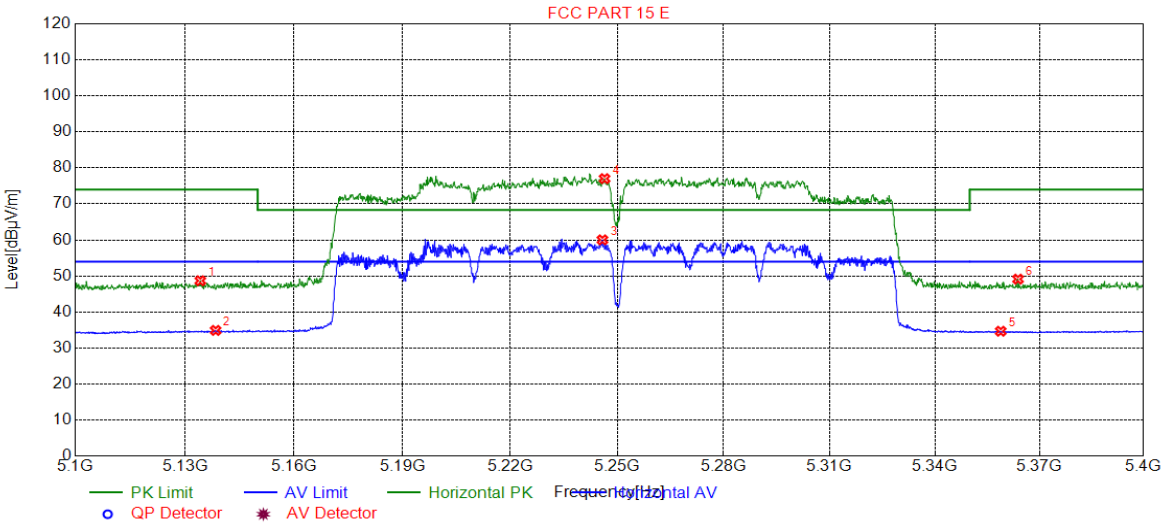
### 4.4.1.91 11AC160_MIMO_50 _Vertical



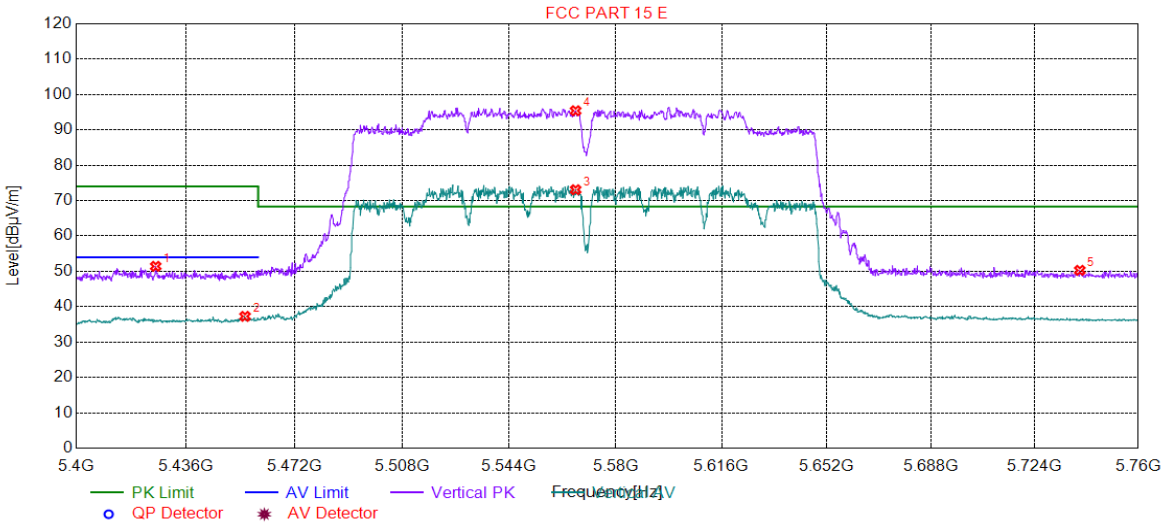

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5101.9510 | 38.51 | 7.47 | 54.00 | 15.49 | 150 | 228 | Vertical |
| 2 | 5119.3597 | 52.67 | 7.50 | 74.00 | 21.33 | 150 | 201 | Vertical |
| 3 | 5246.1731 | 94.10 | 7.69 | 68.30 | -25.80 | 150 | 224 | Vertical |
| 4 | 5247.0735 | 72.76 | 7.69 | 54.00 | -18.76 | 150 | 201 | Vertical |
| 5 | 5373.2866 | 39.28 | 7.89 | 54.00 | 14.72 | 150 | 209 | Vertical |
| 6 | 5394.1471 | 56.72 | 7.93 | 74.00 | 17.28 | 150 | 201 | Vertical |

### 4.4.1.92 11AC160_MIMO_50 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5134.2171 | 48.67 | 7.53 | 74.00 | 25.33 | 150 | 17 | Horizontal |
| 2 | 5138.4192 | 34.89 | 7.54 | 54.00 | 19.11 | 150 | 192 | Horizontal |
| 3 | 5245.8729 | 60.02 | 7.69 | 54.00 | -6.02 | 150 | 230 | Horizontal |
| 4 | 5246.4732 | 77.01 | 7.69 | 68.30 | -8.71 | 150 | 234 | Horizontal |
| 5 | 5358.8794 | 34.66 | 7.86 | 54.00 | 19.34 | 150 | 192 | Horizontal |
| 6 | 5363.8319 | 49.13 | 7.87 | 74.00 | 24.87 | 150 | 344 | Horizontal |

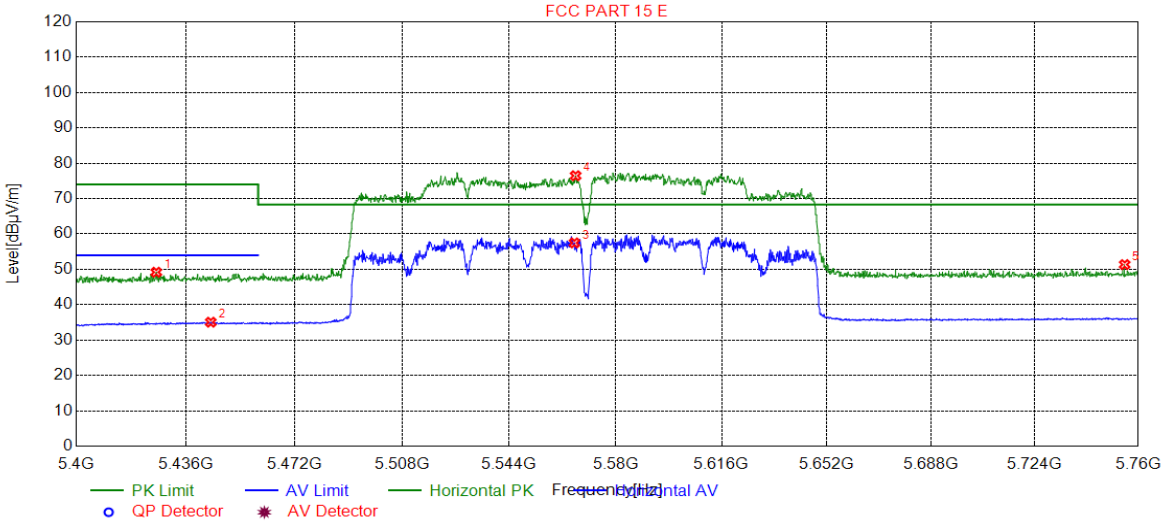
### 4.4.1.93 11AC160_MIMO_114 _Vertical




**Suspected List**

| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5426.1131 | 51.43 | 7.98 | 74.00 | 22.57 | 150 | 235 | Vertical |
| 2 | 5455.6478 | 37.27 | 8.03 | 54.00 | 16.73 | 150 | 206 | Vertical |
| 3 | 5566.4000 | 73.09 | 8.27 | 0.00 | -73.09 | 150 | 200 | Vertical |
| 4 | 5566.4032 | 95.41 | 8.27 | 68.30 | -27.11 | 150 | 200 | Vertical |
| 5 | 5739.6498 | 50.29 | 8.60 | 68.30 | 18.01 | 150 | 206 | Vertical |

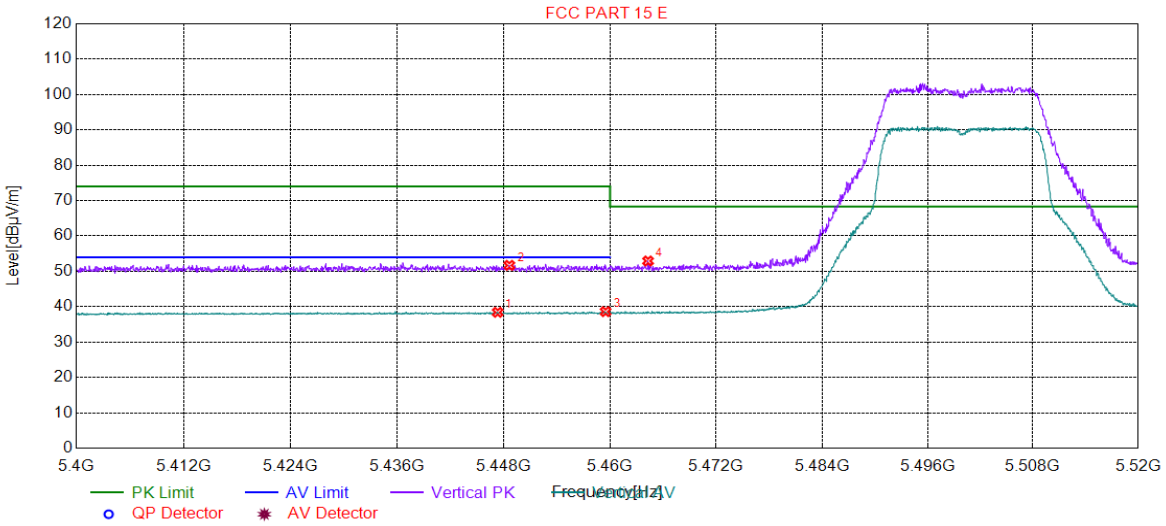
### 4.4.1.94 11AC160_MIMO_114 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5426.2931 | 49.19 | 7.98 | 74.00 | 24.81 | 150 | 202 | Horizontal |
| 2 | 5444.3022 | 35.06 | 8.01 | 54.00 | 18.94 | 150 | 82 | Horizontal |
| 3 | 5566.0000 | 57.48 | 8.27 | 0.00 | -57.48 | 150 | 188 | Horizontal |
| 4 | 5566.4032 | 76.47 | 8.27 | 68.30 | -8.17 | 150 | 230 | Horizontal |
| 5 | 5755.3177 | 51.35 | 8.64 | 68.30 | 16.95 | 150 | 154 | Horizontal |

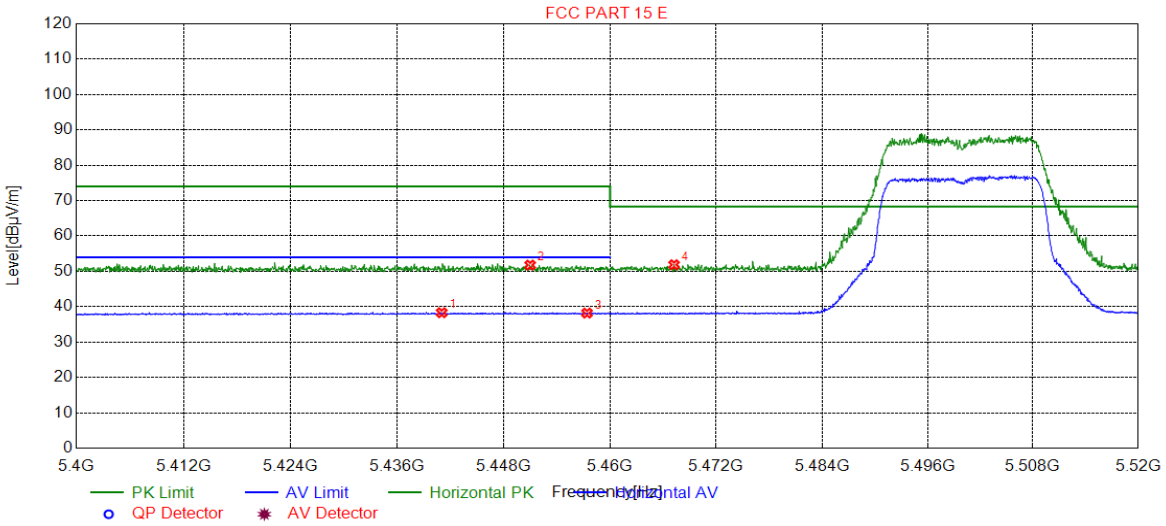
### 4.4.1 Test plots for W19

#### 4.4.1.1 11N20_100 _Vertical



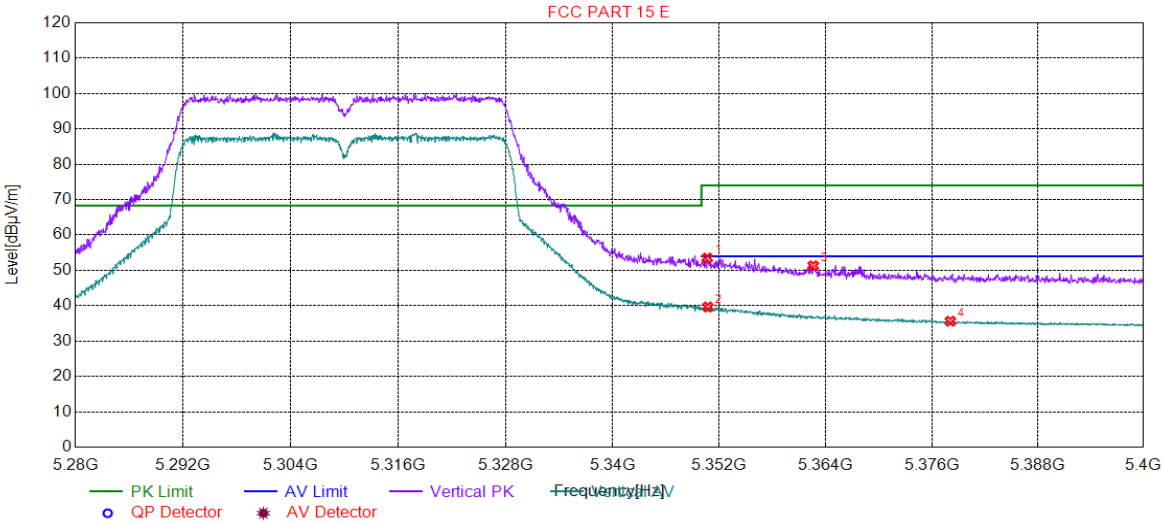

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5447.3037 | 38.42 | 8.02 | 54.00 | 15.58 | 150 | 263 | Vertical |
| 2 | 5448.6243 | 51.69 | 8.02 | 74.00 | 22.31 | 150 | 56 | Vertical |
| 3 | 5459.4897 | 38.61 | 8.04 | 54.00 | 15.39 | 150 | 14 | Vertical |
| 4 | 5464.2921 | 52.93 | 8.04 | 68.30 | 15.37 | 150 | 208 | Vertical |

### 4.4.1.2 11 N20_100 _ Horizontal



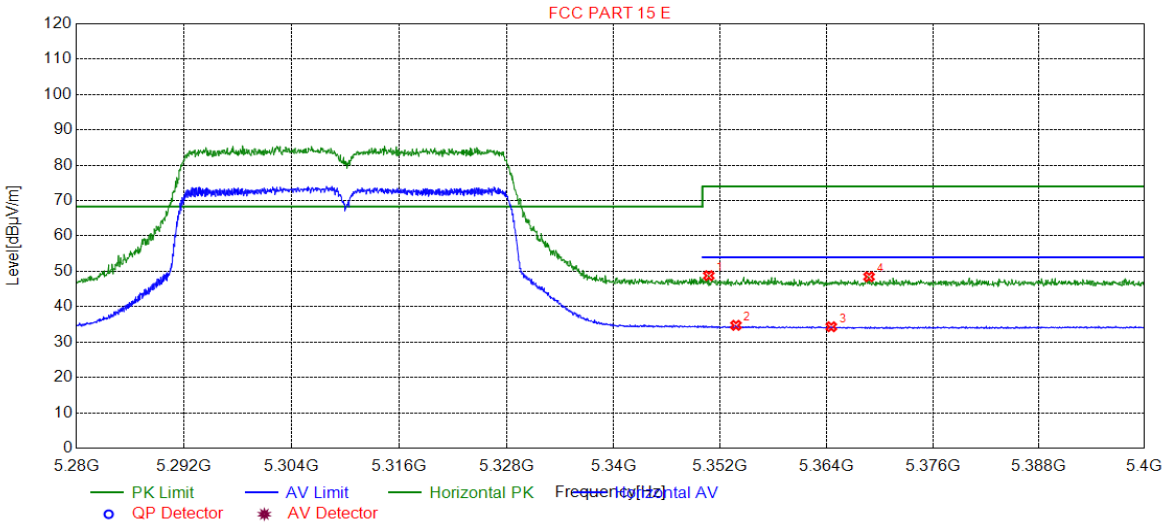

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5441.0005 | 38.31 | 8.01 | 54.00 | 15.69 | 150 | 331 | Horizontal |
| 2 | 5450.9655 | 51.78 | 8.02 | 74.00 | 22.22 | 150 | 304 | Horizontal |
| 3 | 5457.3887 | 38.20 | 8.03 | 54.00 | 15.80 | 150 | 224 | Horizontal |
| 4 | 5467.2336 | 51.87 | 8.05 | 68.30 | 16.43 | 150 | 346 | Horizontal |

### 4.4.1.3 11N40_62 _Vertical



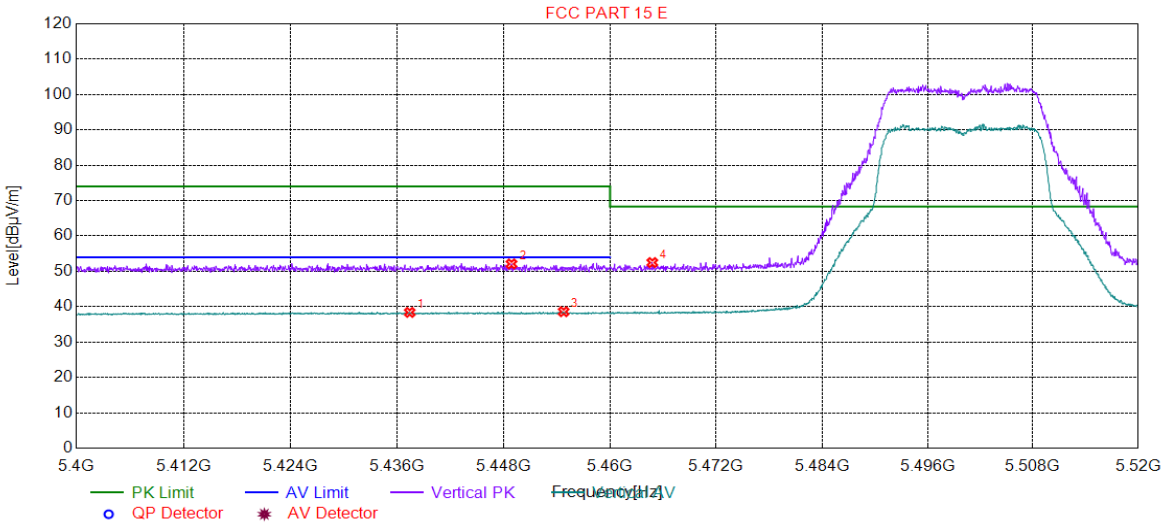

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5350.6553 | 53.48 | 7.84 | 74.00 | 20.52 | 150 | 216 | Vertical |
| 2 | 5350.7154 | 39.65 | 7.84 | 54.00 | 14.35 | 150 | 178 | Vertical |
| 3 | 5362.6013 | 51.30 | 7.87 | 74.00 | 22.70 | 150 | 197 | Vertical |
| 4 | 5378.0890 | 35.63 | 7.90 | 54.00 | 18.37 | 150 | 206 | Vertical |

### 4.4.1.4 11N40_62 _ Horizontal



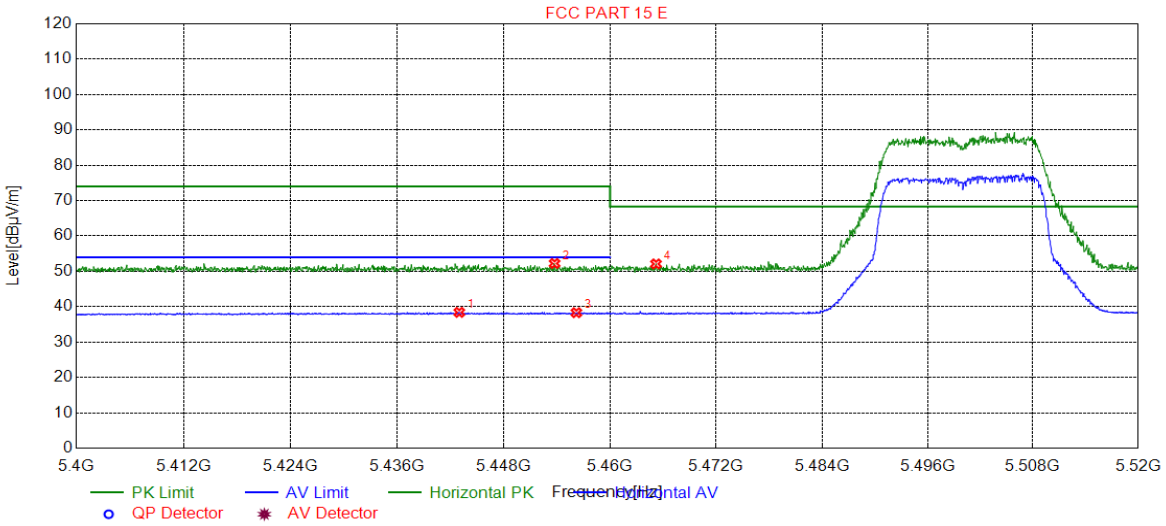

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5350.7154 | 48.78 | 7.84 | 74.00 | 25.22 | 150 | 72 | Horizontal |
| 2 | 5353.7769 | 34.74 | 7.85 | 54.00 | 19.26 | 150 | 330 | Horizontal |
| 3 | 5364.5223 | 34.34 | 7.87 | 54.00 | 19.66 | 150 | 210 | Horizontal |
| 4 | 5368.7844 | 48.47 | 7.88 | 74.00 | 25.53 | 150 | 72 | Horizontal |

### 4.4.1.5 11AC20_100 _Vertical



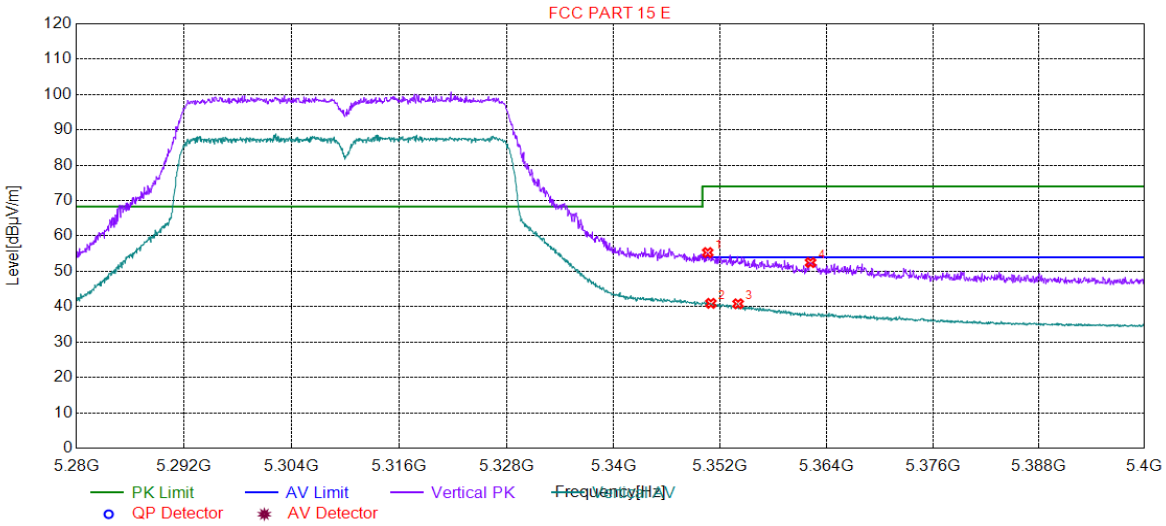

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5437.3987 | 38.40 | 8.00 | 54.00 | 15.60 | 150 | 158 | Vertical |
| 2 | 5448.8644 | 52.10 | 8.02 | 74.00 | 21.90 | 150 | 344 | Vertical |
| 3 | 5454.7474 | 38.59 | 8.03 | 54.00 | 15.41 | 150 | 242 | Vertical |
| 4 | 5464.7724 | 52.48 | 8.04 | 68.30 | 15.82 | 150 | 166 | Vertical |

### 4.4.1.6 11 AC20_100 _ Horizontal



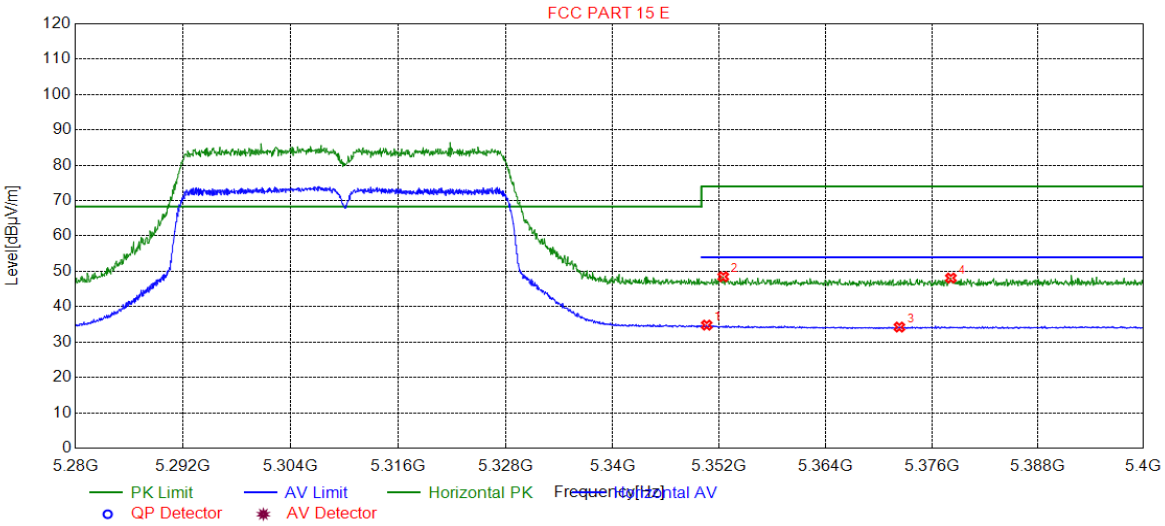

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5442.9815 | 38.41 | 8.01 | 54.00 | 15.59 | 150 | 332 | Horizontal |
| 2 | 5453.7269 | 52.23 | 8.03 | 74.00 | 21.77 | 150 | 146 | Horizontal |
| 3 | 5456.1881 | 38.32 | 8.03 | 54.00 | 15.68 | 150 | 180 | Horizontal |
| 4 | 5465.1926 | 52.10 | 8.04 | 68.30 | 16.20 | 150 | 294 | Horizontal |

### 4.4.1.7 11 AC40_62 _Vertical



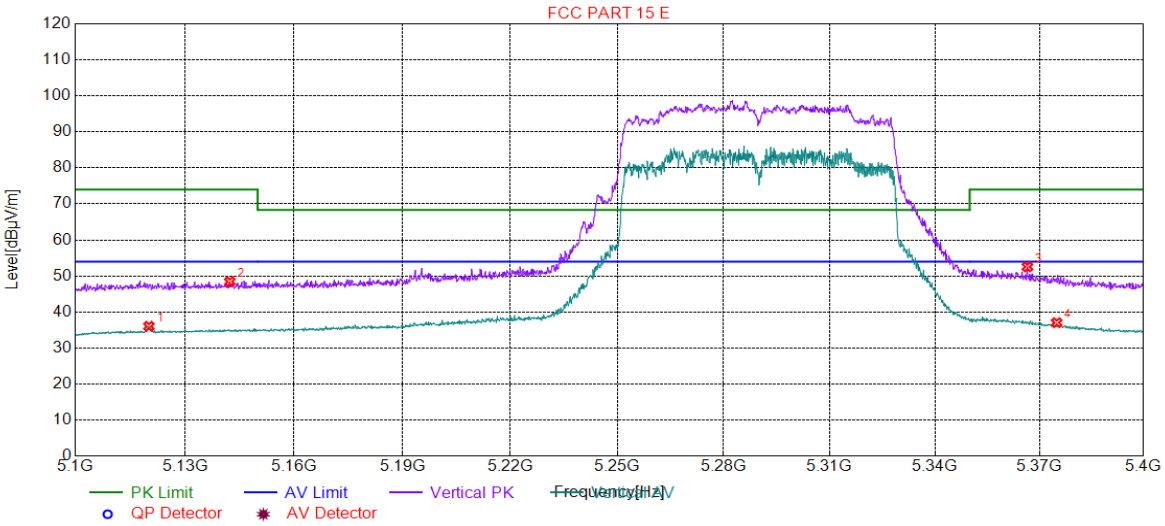

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5350.5953 | 55.31 | 7.84 | 74.00 | 18.69 | 150 | 203 | Vertical |
| 2 | 5350.9555 | 40.95 | 7.84 | 54.00 | 13.05 | 150 | 198 | Vertical |
| 3 | 5354.0170 | 40.83 | 7.85 | 54.00 | 13.17 | 150 | 198 | Vertical |
| 4 | 5362.1811 | 52.47 | 7.86 | 74.00 | 21.53 | 150 | 236 | Vertical |

### 4.4.1.8 11AC40_62 _ Horizontal



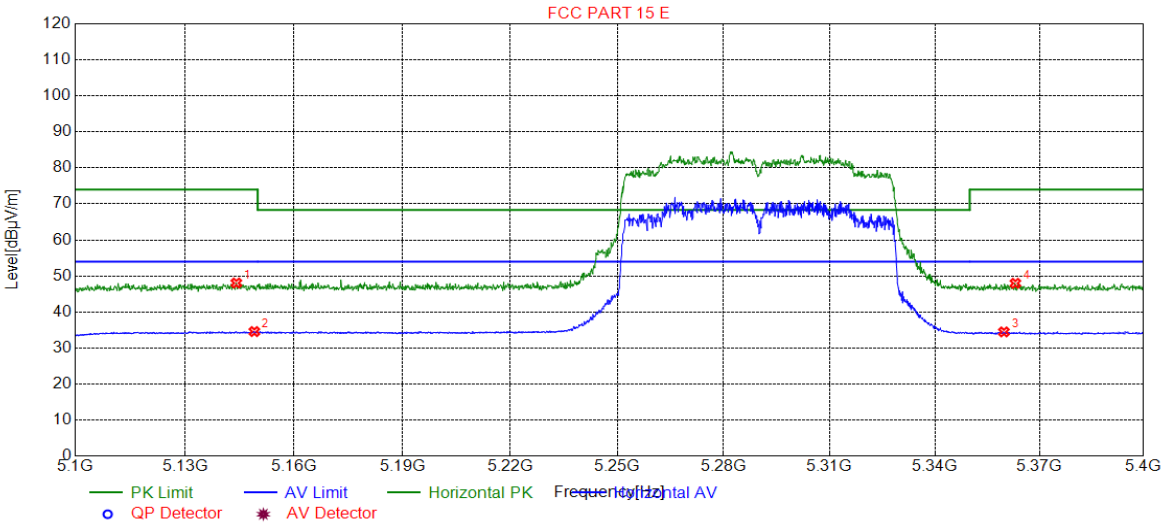

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5350.5953 | 34.79 | 7.84 | 54.00 | 19.21 | 150 | 330 | Horizontal |
| 2 | 5352.4562 | 48.48 | 7.84 | 74.00 | 25.52 | 150 | 294 | Horizontal |
| 3 | 5372.3262 | 34.25 | 7.88 | 54.00 | 19.75 | 150 | 344 | Horizontal |
| 4 | 5378.1491 | 48.11 | 7.90 | 74.00 | 25.89 | 150 | 155 | Horizontal |

### 4.4.1.9 11 AC80_58 _Vertical



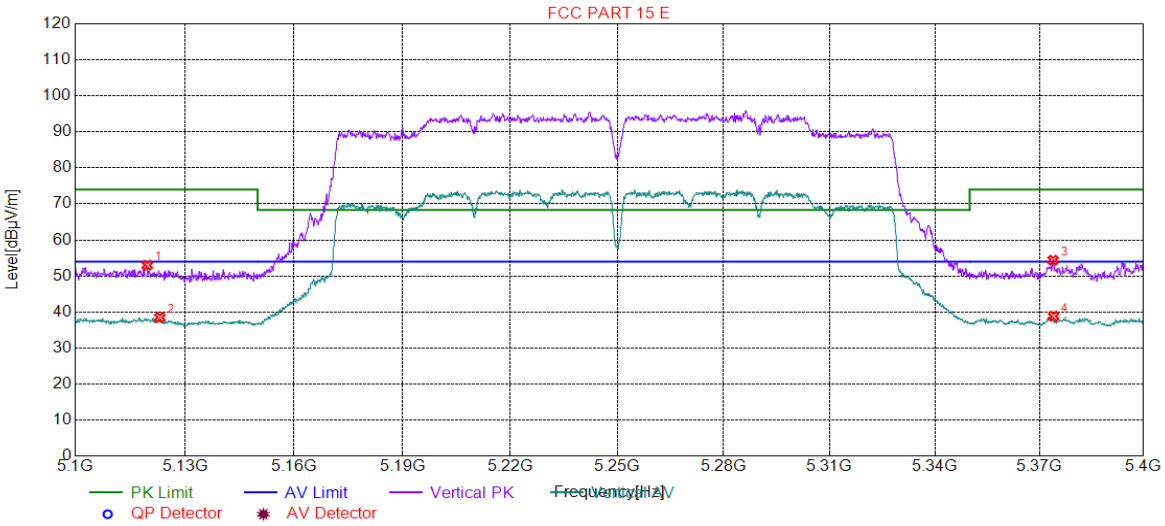

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5120.1101 | 36.04 | 7.50 | 54.00 | 17.96 | 150 | 202 | Vertical |
| 2 | 5142.3212 | 48.41 | 7.54 | 74.00 | 25.59 | 150 | 46 | Vertical |
| 3 | 5366.5333 | 52.54 | 7.87 | 74.00 | 21.46 | 150 | 202 | Vertical |
| 4 | 5374.9375 | 37.03 | 7.89 | 54.00 | 16.97 | 150 | 202 | Vertical |

### 4.4.1.10 11AC80_58 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5144.1221 | 48.04 | 7.55 | 74.00 | 25.96 | 150 | 182 | Horizontal |
| 2 | 5149.0745 | 34.57 | 7.55 | 54.00 | 19.43 | 150 | 211 | Horizontal |
| 3 | 5359.7799 | 34.47 | 7.86 | 54.00 | 19.53 | 150 | 320 | Horizontal |
| 4 | 5363.0815 | 47.97 | 7.87 | 74.00 | 26.03 | 150 | 182 | Horizontal |

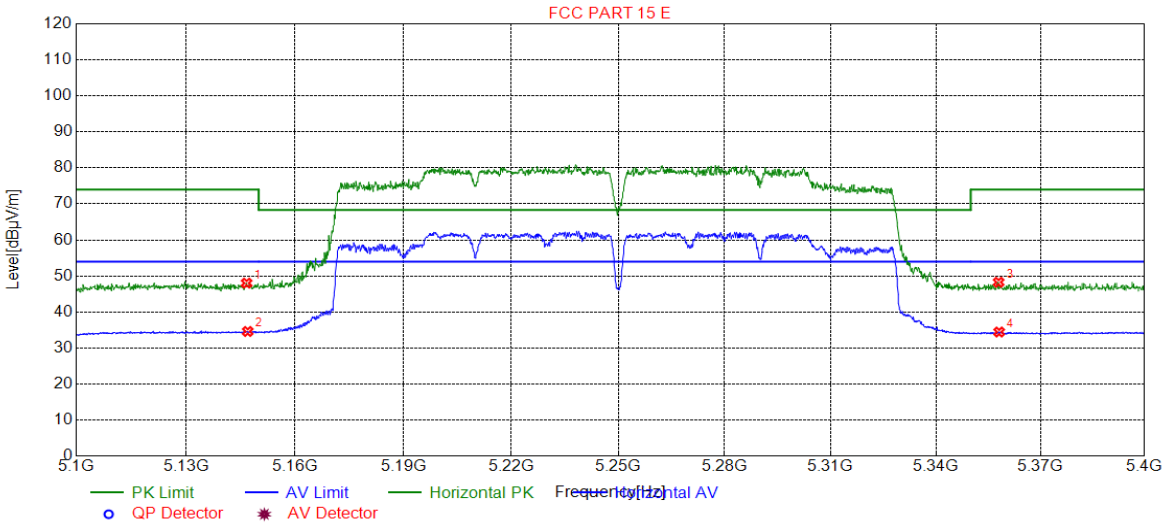
### 4.4.1.11 11 AC80_58 _Vertical




**Suspected List**

| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|---|---|---|---|---|---|---|---|---|
| 1 | 5119.6598 | 52.98 | 7.50 | 74.00 | 21.02 | 150 | 201 | Vertical |
| 2 | 5123.1116 | 38.48 | 7.51 | 54.00 | 15.52 | 150 | 201 | Vertical |
| 3 | 5373.8869 | 54.38 | 7.89 | 74.00 | 19.62 | 150 | 204 | Vertical |
| 4 | 5374.0370 | 38.83 | 7.89 | 54.00 | 15.17 | 150 | 204 | Vertical |

### 4.4.1.12 11AC80_58 _ Horizontal




| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5146.6733 | 48.02 | 7.55 | 74.00 | 25.98 | 150 | 132 | Horizontal |
| 2 | 5146.9735 | 34.60 | 7.55 | 54.00 | 19.40 | 150 | 140 | Horizontal |
| 3 | 5357.9790 | 48.26 | 7.86 | 74.00 | 25.74 | 150 | 335 | Horizontal |
| 4 | 5358.1291 | 34.45 | 7.86 | 54.00 | 19.55 | 150 | 324 | Horizontal |

Remark:
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
All modes have been tested, but only the worst case data displayed in this report.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## 4.5 Dynamic Frequency Selection

### 4.5.1 DFS Overview

**Table 1: Applicability of DFS Requirements Prior to Use of a Channel**

| Requirement | Operational Mode | | |
|---|---|---|---|
| | Master | Client Without Radar Detection | Client With Radar Detection |
| *Non-Occupancy Period* | Yes | Not required | Yes |
| *DFS Detection Threshold* | Yes | Not required | Yes |
| *Channel Availability Check Time* | Yes | Not required | Not required |
| *U-NII Detection Bandwidth* | Yes | Not required | Yes |

**Table 2: Applicability of DFS requirements during normal operation**

| Requirement | Operational Mode | |
|---|---|---|
| | Master Device or Client with Radar Detection | Client Without Radar Detection |
| *DFS Detection Threshold* | Yes | Not required |
| *Channel Closing Transmission Time* | Yes | Yes |
| *Channel Move Time* | Yes | Yes |
| *U-NII Detection Bandwidth* | Yes | Not required |
| **Additional requirements for devices with multiple bandwidth modes** | **Master Device or Client with Radar Detection** | **Client Without Radar Detection** |
| *U-NII Detection Bandwidth and Statistical Performance Check* | All BW modes must be tested | Not required |
| *Channel Move Time and Channel Closing Transmission Time* | Test using widest BW mode available | Test using the widest BW mode available for the link |
| *All other tests* | Any single BW mode | Not required |
| **Note:** Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency. | | |

### 4.5.2 DFS Detection Thresholds

**Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection**

| Maximum Transmit Power | Value (See Notes 1, 2, and 3) |
|---|---|
| EIRP ≥ 200 milliwatt | -64 dBm |
| EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz | -62 dBm |
| EIRP < 200 milliwatt that do not meet the power spectral density requirement | -64 dBm |
| **Note 1:** This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01. | |

### 4.5.3 Response Requirements

**Table 4: DFS Response Requirement Values**

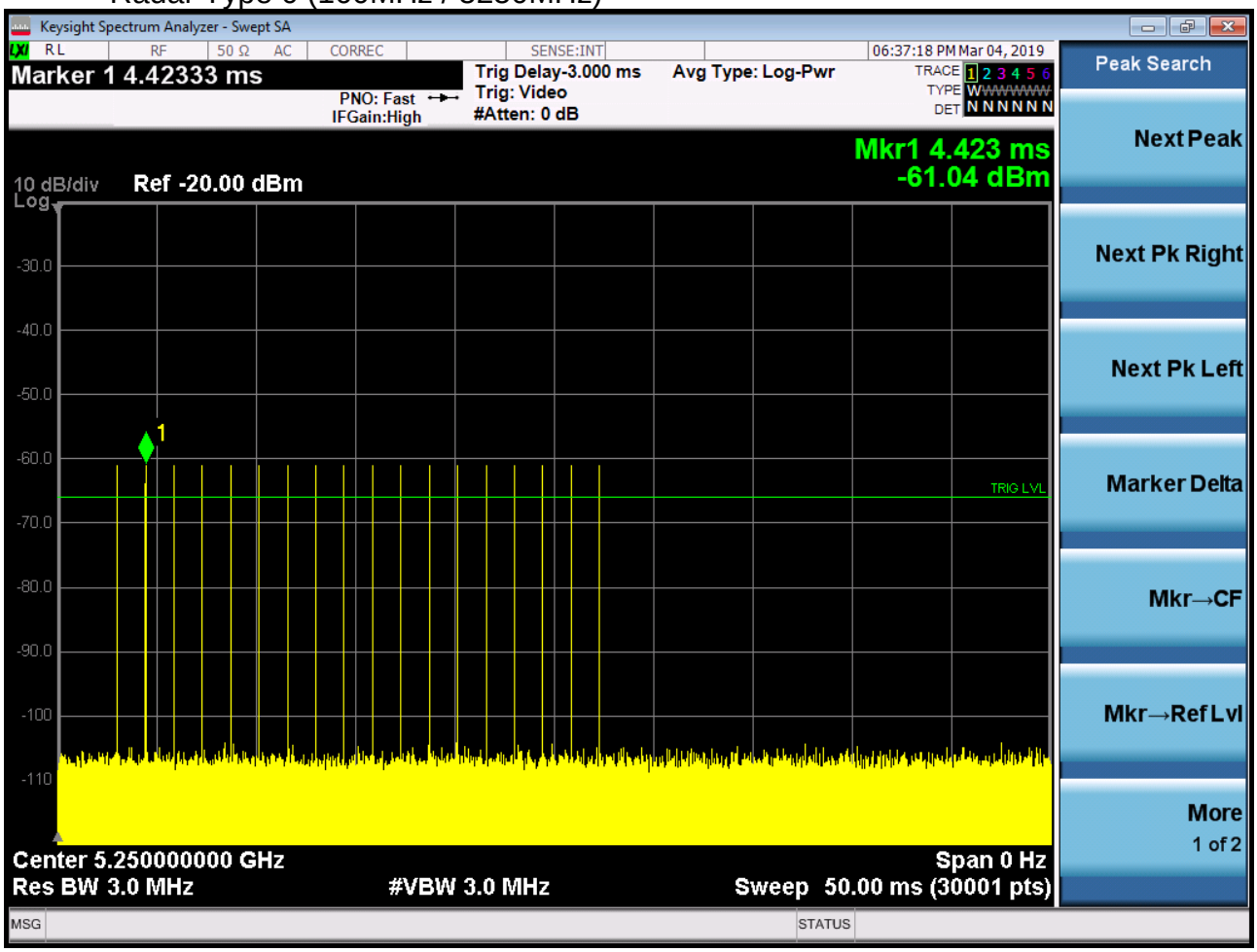
| Parameter | Value |
|---|---|
| *Non-occupancy period* | Minimum 30 minutes |
| *Channel Availability Check Time* | 60 seconds |
| *Channel Move Time* | 10 seconds See Note 1. |
| *Channel Closing Transmission Time* | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2. |
| *U-NII Detection Bandwidth* | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. |
| **Note 1:** *Channel Move Time* and the *Channel Closing Transmission Time* should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. **Note 2:** The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. **Note 3:** During the *U-NII Detection Bandwidth* detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic. | |

### 4.5.4 Test plots

Remark: Only the data of Ant.1 is recorded.

#### 4.5.4.1 Radar Waveform Calibration Result

Radar Type 0 (160MHz / 5250MHz)

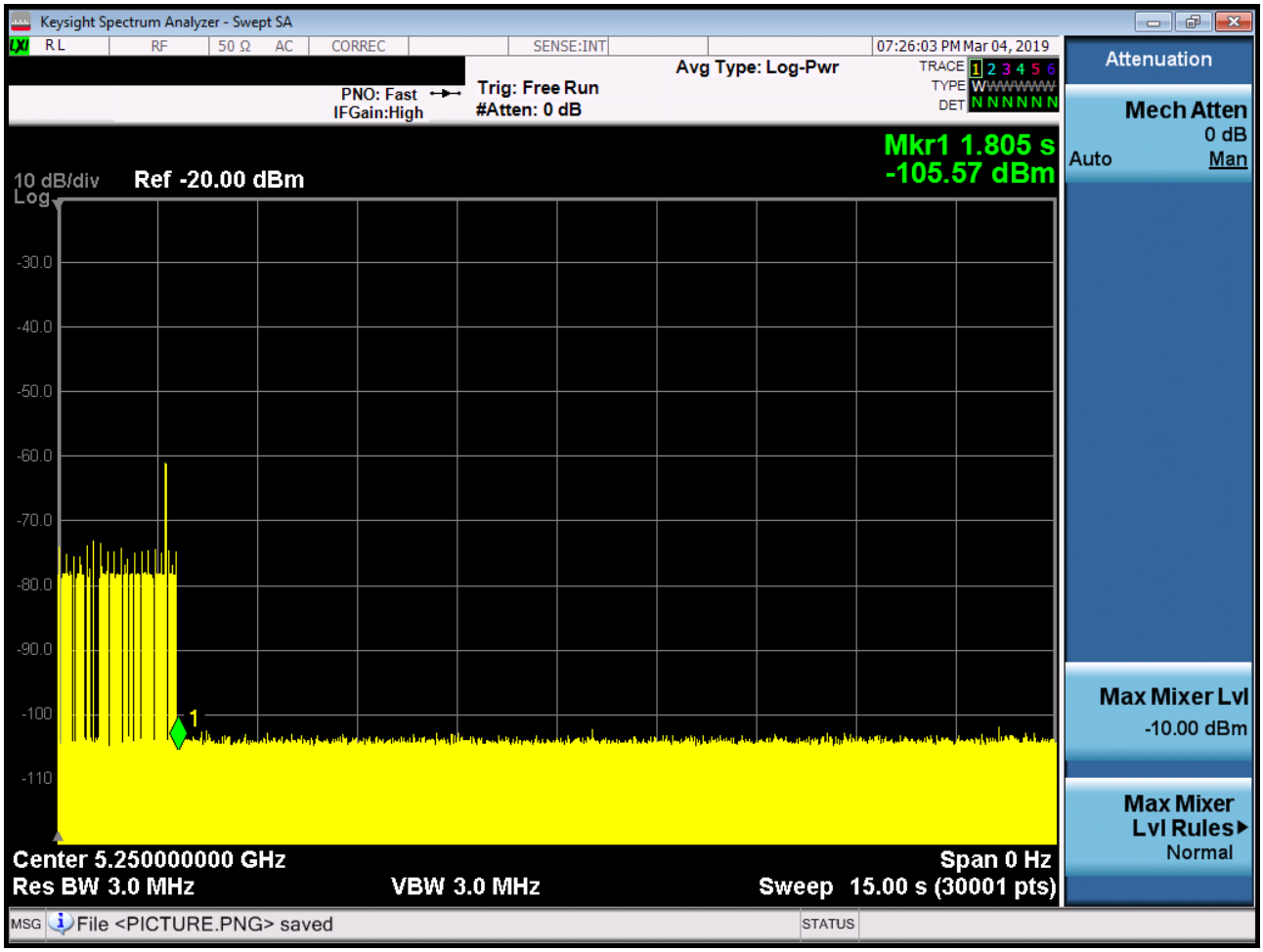


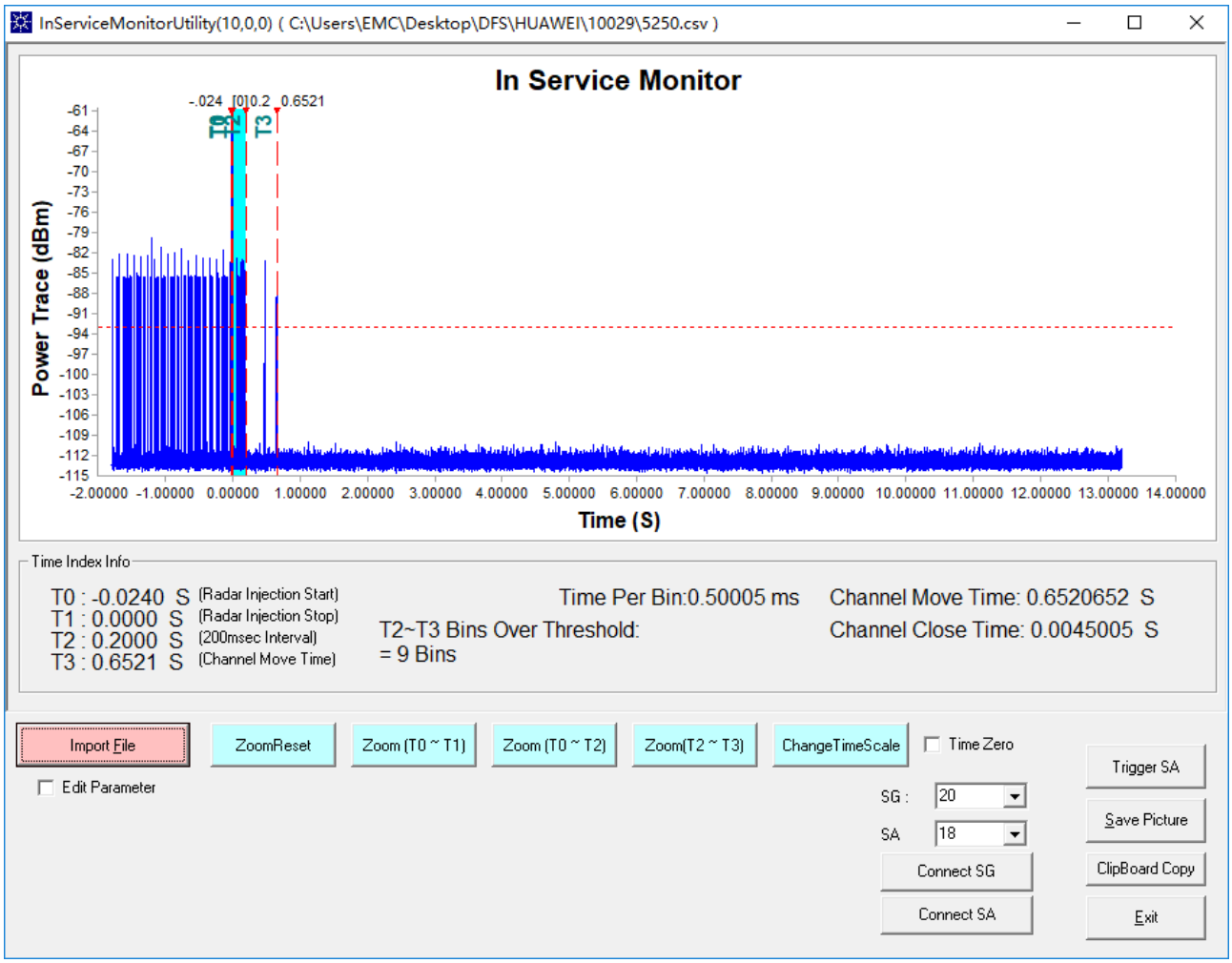
### 4.5.5 Test Data:

| BW/Channel | Test Item | Test Result | Limit | Results |
|---|---|---|---|---|
| 160MHz / 5250MHz | Channel Move Time | 0.65s | ＜10s | Pass |
| | Channel Closing Transmission Time | 4.5ms | ＜60ms | Pass |

### 4.5.5.1 Test plots

### 4.5.5.1.1 Test Bandwidth/Channel= 160MHz / 5250MHz





# 5 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item | Measurement Uncertainty |
|---|---|---|
| 1 | Radiated Spurious emission test | ±4.5dB (30MHz-1GHz) |
| | | ±4.8dB (1GHz-25GHz) |
| 2 | Conduct emission test | ±3.12 dB(9KHz- 30MHz) |
| 3 | Temperature test | ±1°C |
| 4 | Humidity test | ±3% |
| 5 | DC and low frequency voltages | ±0.5% |

# 6 Equipment List

| Conducted Emission | | | | | |
|---|---|---|---|---|---|
| **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| Shielding Room | ZhongYu Electron | GB-88 | SEM001-06 | 2017/5/10 | 2020/5/9 |
| LISN | Rohde & Schwarz | ENV216 | SEM007-01 | 2018/9/2 | 2019/9/2 |
| LISN | ETS-LINDGREN | Feb-16 | SEM007-02 | 2018/4/2 | 2019/4/1 |
| Measurement Software | AUDIX | e3 V5.4.1221d | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM024-01 | 2018/7/12 | 2019/7/11 |
| 8 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T8-02 | EMC0120 | 2019/2/11 | 2020/2/10 |
| 4 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T4-02 | EMC0121 | 2019/2/11 | 2020/2/10 |
| 2 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T2-02 | EMC0122 | 2019/2/11 | 2020/2/10 |
| EMI Test Receiver | Rohde & Schwarz | ESCI | SEM004-02 | 2018/4/2 | 2019/4/1 |
| **RF conducted test** | | | | | |
| **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| DC Power Supply | ZhaoXin | RXN-305D | SEM011-02 | 2018/9/2 | 2019/9/2 |
| Signal Analyzer | Rohde & Schwarz | FSV | W025-05 | 2018/3/13 | 2019/3/12 |
| Coaxial Cable | SGS | N/A | SEM031-01 | 2018/7/12 | 2019/7/11 |
| Attenuator | Weinschel Associates | WA41 | SEM021-09 | N/A | N/A |
| Signal Generator | KEYSIGHT | N5173B | SEM006-05 | 2018/9/2 | 2019/9/2 |
| Temperature Chamber | GIANT FORCE | ICT-150-40-CP-AR | W027-03 | 2018/11/27 | 2019/11/27 |
| Power Meter | Rohde & Schwarz | NRVS | SEM014-02 | 2018/9/2 | 2019/9/2 |
| Master Device | Linksys pte.Ltd | WRT32X | FCC ID:Q87-WRT3200ACM IC ID:3839A-WRT3200ACM | N/A | N/A |
| **RE in Chamber** | | | | | |
| **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEM001-01 | 2017/8/5 | 2020/8/4 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM025-01 | 2018/7/12 | 2019/7/11 |
| MXE EMI Receiver (20Hz-8.4GHz) | Agilent Technologies | N9038A | SEM004-05 | 2018/9/2 | 2019/9/2 |
| BiConiLog Antenna (26-3000MHz) | ETS-LINDGREN | 3142C | SEM003-01 | 2017/6/27 | 2020/6/26 |
| Pre-amplifier (0.1-1.3GHz) | Agilent Technologies | 8447D | SEM005-01 | 2018/4/2 | 2019/4/1 |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| RE in Chamber | | | | | |
|---|---|---|---|---|---|
| **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| 10m Semi-Anechoic Chamber | SAEMC | FSAC1018 | SEM001-03 | 2018/3/31 | 2021/3/30 |
| EMI Test Receiver (9k-7GHz) | Rohde & Schwarz | ESR | SEM004-03 | 2018/4/2 | 2019/4/1 |
| Trilog-Broadband Antenna (25M-2GHz) | Schwarzbeck | VULB9168 | SEM003-18 | 2016/6/29 | 2019/6/28 |
| Pre-amplifier (9k-1GHz) | Sonoma Instrument Co | 310N | SEM005-03 | 2018/4/13 | 2019/4/12 |
| Loop Antenna (9kHz-30MHz) | ETS-Lindgren | 6502 | SEM003-08 | 2017/8/22 | 2020/8/21 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM029-01 | 2018/7/12 | 2019/7/11 |
| **RE in Chamber** | | | | | |
| **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| 3m Semi-Anechoic Chamber | AUDIX | N/A | SEM001-02 | 2018/3/13 | 2021/3/12 |
| Spectrum Analyzer (20Hz-43GHz) | Rohde & Schwarz | FSU43 | SEM004-08 | 2018/4/2 | 2019/4/1 |
| BiConiLog Antenna (26-3000MHz) | ETS-Lindgren | 3142C | SEM003-01 | 2017/6/27 | 2020/6/26 |
| Horn Antenna (800MHz-18GHz) | Rohde & Schwarz | HF907 | SEM003-07 | 2018/413 | 2021/412 |
| Horn Antenna (15-40GHz) | Schwarzbeck | BBHA 9170 | SEM003-15 | 2017/10/17 | 2020/10/16 |
| Amplifier(0.1-1300MHz) | HP | 8447D | SEM005-02 | 2018/9/2 | 2019/9/2 |
| Low Noise Amplifier (100MHz-18GHz) | Black Diamond Series | BDLNA-0118-352810 | SEM005-05 | 2018/9/2 | 2019/9/2 |
| Pre-Amplifier(0.1-26.5GHz) | Compliance Directions Systems Inc. | PAP-0126 | EMC2063 | 2018/11/20 | 2019/11/19 |
| Pre-amplifier(26-40GHz) | Compliance Directions Systems Inc. | PAP-2640-50 | SEM005-08 | 2018/4/2 | 2019/4/1 |
| Band filter | N/A | N/A | N/A | N/A | N/A |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM026-01 | 2018/7/12 | 2019/7/11 |

# 7 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for HR/2019/20007.

The End