| | |
|---|---|
| Test Procedure: | a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.<br>b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.<br>c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.<br>d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.<br>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.<br>f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel<br>g. Test the EUT in the outermost channels.<br>h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode,And found the X axis positioning which it is worse case.<br>i. Repeat above procedures until all frequencies measured was complete. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |
| Final Test Mode: | Through Pre-scan, find the<br>6Mbps of rate is the worst case of 802.11a;<br>MCS0 of rate is the worst case of 802.11n(HT20);<br>MCS0 of rate is the worst case of 802.11n(HT40);<br>MCS0 of rate is the worst case of 802.11ac(HT20);<br>MCS0 of rate is the worst case of 802.11ac(HT40);<br>MCS0 of rate is the worst case of 802.11ac(HT80);<br>Only the worst case is recorded in the report. |
| Instruments Used: | Refer to section 5.10 for details |
| Test Results: | Pass |

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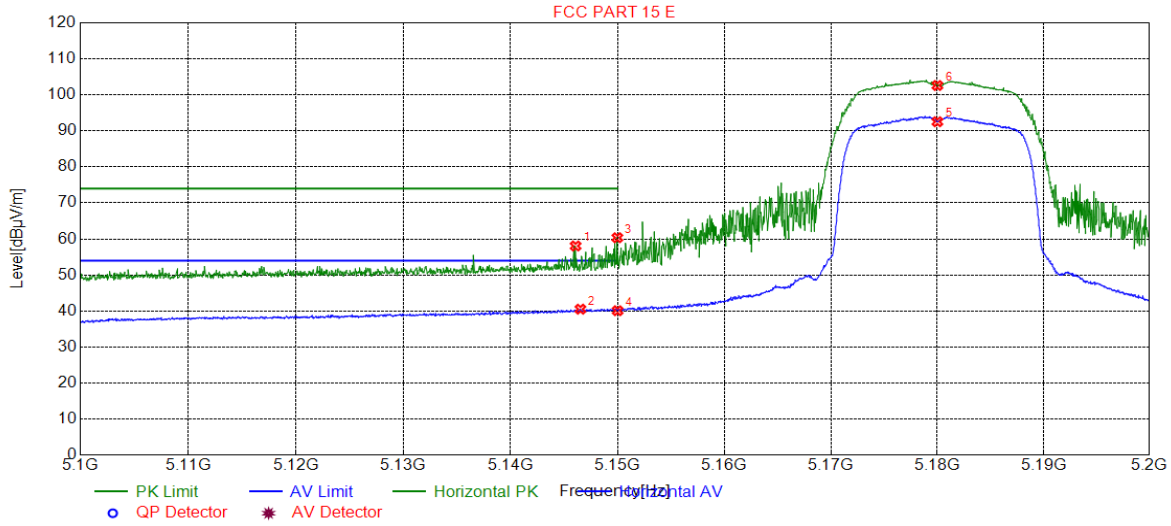
## 4.10.1 Test plots

### 4.10.1.1 11A20_36 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5146.07 | 58.05 | 15.49 | 74.00 | 15.95 | 150 | 17 | Horizontal |
| 2 | 5146.52 | 40.51 | 15.49 | 54.00 | 13.49 | 150 | 6 | Horizontal |
| 3 | 5149.97 | 60.34 | 15.52 | 74.00 | 13.66 | 150 | 1 | Horizontal |
| 4 | 5150.00 | 40.08 | 15.52 | 0.00 | -40.08 | 150 | 6 | Horizontal |
| 5 | 5180.00 | 92.53 | 15.56 | 0.00 | -92.53 | 150 | 346 | Horizontal |
| 6 | 5180.00 | 102.59 | 15.56 | 0.00 | -102.59 | 150 | 0 | Horizontal |

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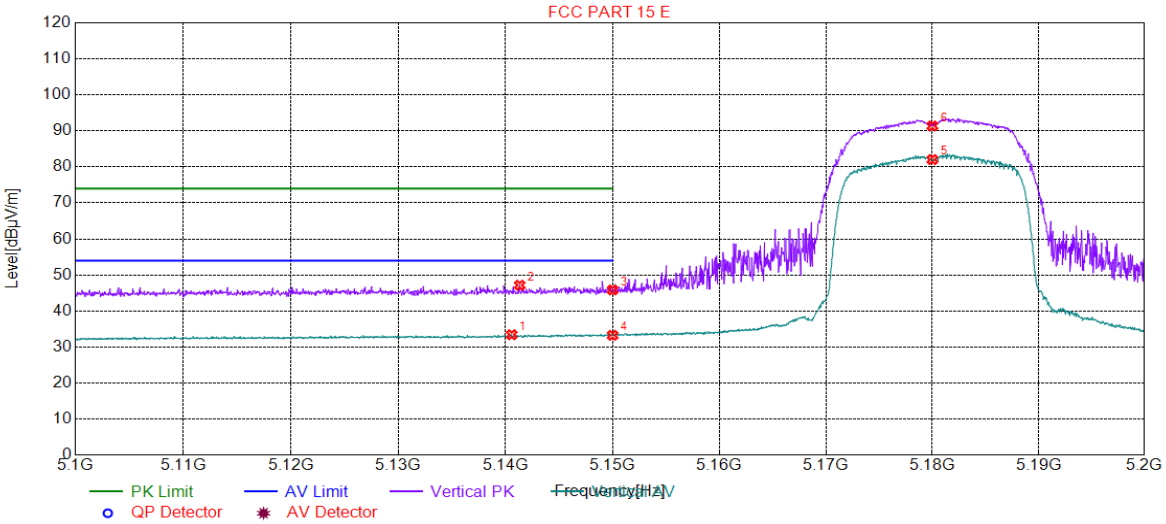
### 4.10.1.2 11A20_36 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5140.57 | 33.42 | 15.44 | 54.00 | 20.58 | 150 | 211 | Vertical |
| 2 | 5141.32 | 47.16 | 15.45 | 74.00 | 26.84 | 150 | 79 | Vertical |
| 3 | 5150.00 | 45.84 | 15.52 | 0.00 | -45.84 | 150 | 205 | Vertical |
| 4 | 5150.00 | 33.25 | 15.52 | 0.00 | -33.25 | 150 | 19 | Vertical |
| 5 | 5180.00 | 82.03 | 15.56 | 0.00 | -82.03 | 150 | 205 | Vertical |
| 6 | 5180.00 | 91.36 | 15.56 | 0.00 | -91.36 | 150 | 205 | Vertical |

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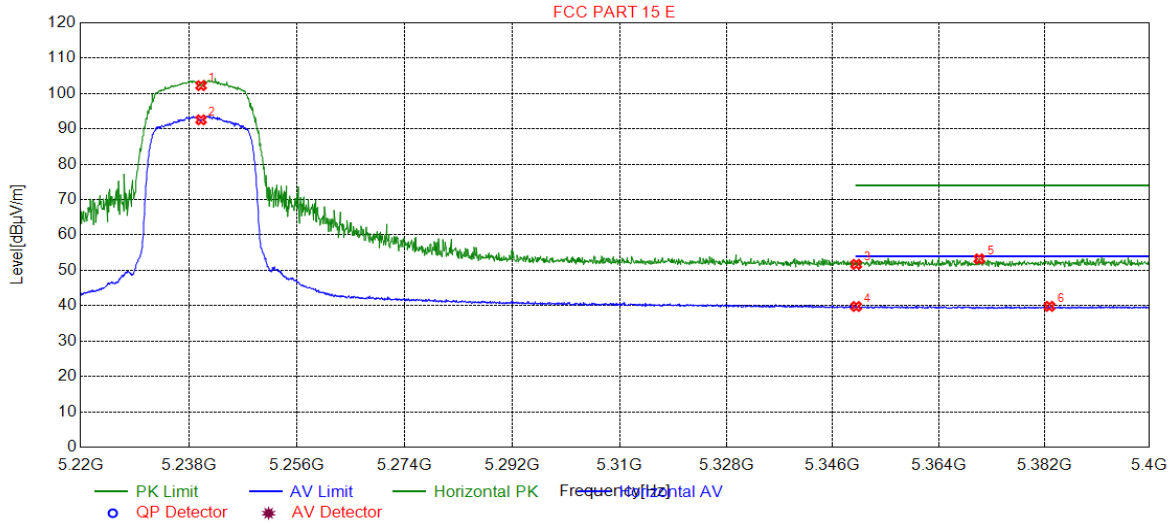
### 4.10.1.3 11A20_48 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.00 | 102.24 | 15.49 | 0.00 | -102.24 | 150 | 344 | Horizontal |
| 2 | 5240.00 | 92.55 | 15.49 | 0.00 | -92.55 | 150 | 344 | Horizontal |
| 3 | 5350.00 | 51.71 | 15.94 | 74.00 | 22.29 | 150 | 330 | Horizontal |
| 4 | 5350.00 | 39.78 | 15.94 | 54.00 | 14.22 | 150 | 344 | Horizontal |
| 5 | 5370.91 | 53.23 | 16.07 | 74.00 | 20.77 | 150 | 338 | Horizontal |
| 6 | 5382.89 | 39.82 | 16.14 | 54.00 | 14.18 | 150 | 344 | Horizontal |

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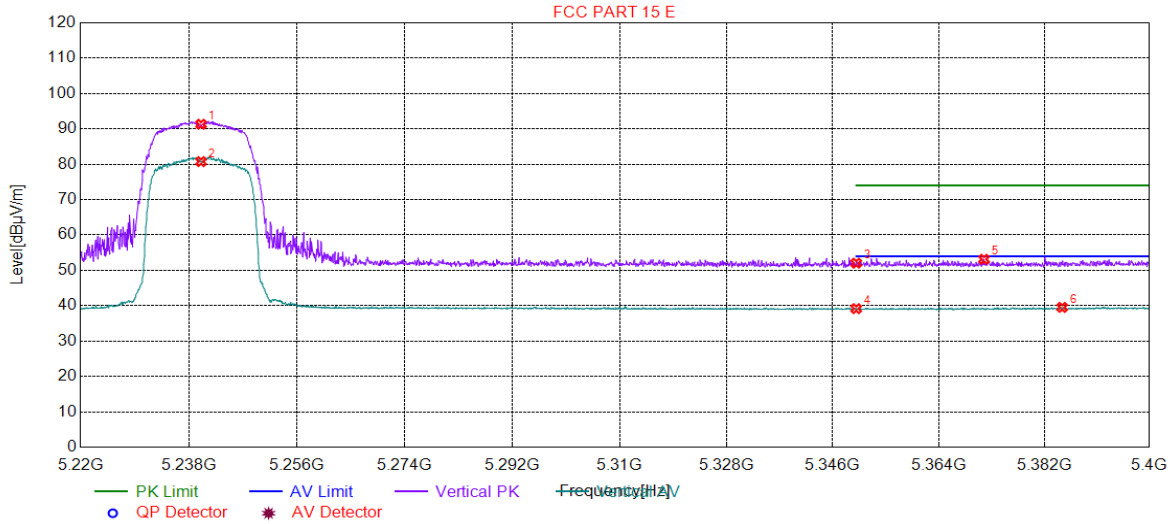
### 4.10.1.4 11A20_48 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.00 | 91.31 | 15.49 | 0.00 | -91.31 | 150 | 69 | Vertical |
| 2 | 5240.00 | 80.76 | 15.49 | 0.00 | -80.76 | 150 | 192 | Vertical |
| 3 | 5350.00 | 52.04 | 15.94 | 74.00 | 21.96 | 150 | 227 | Vertical |
| 4 | 5350.00 | 39.18 | 15.94 | 54.00 | 14.82 | 150 | 15 | Vertical |
| 5 | 5371.72 | 53.14 | 16.07 | 74.00 | 20.86 | 150 | 247 | Vertical |
| 6 | 5385.05 | 39.53 | 16.16 | 54.00 | 14.47 | 150 | 104 | Vertical |

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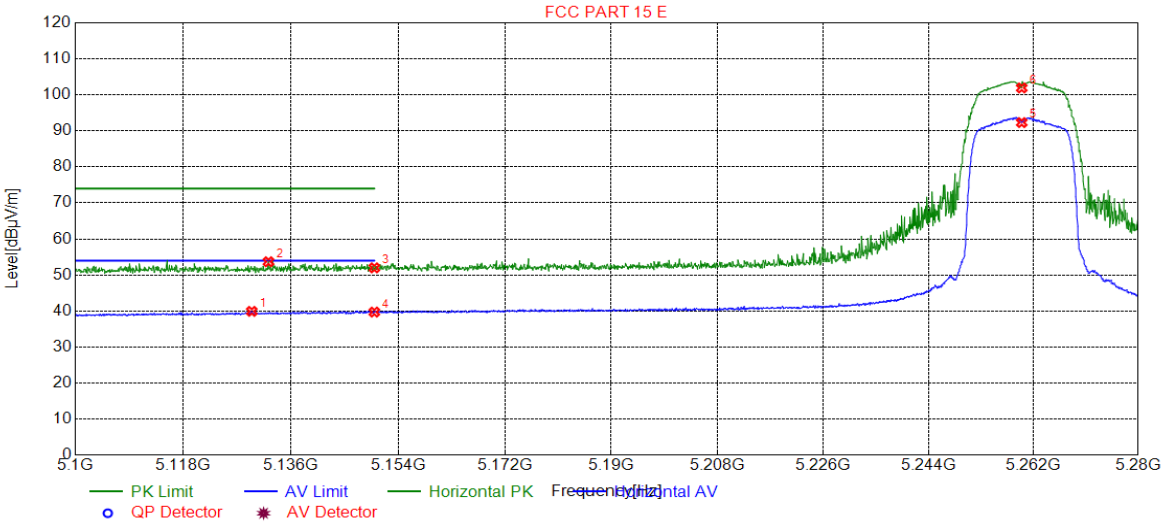
### 4.10.1.5 11A20_52 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5129.44 | 39.90 | 15.34 | 54.00 | 14.10 | 150 | 16 | Horizontal |
| 2 | 5132.23 | 53.67 | 15.37 | 74.00 | 20.33 | 150 | 16 | Horizontal |
| 3 | 5150.00 | 51.97 | 15.52 | 0.00 | -51.97 | 150 | 359 | Horizontal |
| 4 | 5150.00 | 39.70 | 15.52 | 0.00 | -39.70 | 150 | 16 | Horizontal |
| 5 | 5260.00 | 92.30 | 15.51 | 0.00 | -92.30 | 150 | 16 | Horizontal |
| 6 | 5260.00 | 101.91 | 15.51 | 0.00 | -101.91 | 150 | 359 | Horizontal |

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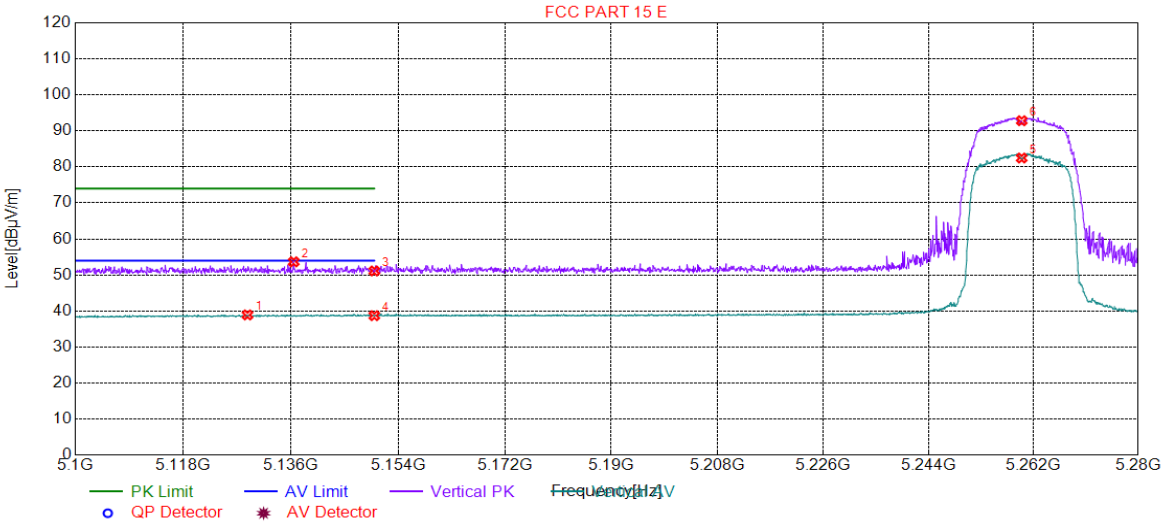
### 4.10.1.6 11A20_52 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5128.72 | 38.91 | 15.34 | 54.00 | 15.09 | 150 | 58 | Vertical |
| 2 | 5136.46 | 53.65 | 15.40 | 74.00 | 20.35 | 150 | 17 | Vertical |
| 3 | 5150.00 | 51.11 | 15.52 | 0.00 | -51.11 | 150 | 229 | Vertical |
| 4 | 5150.00 | 38.70 | 15.52 | 0.00 | -38.70 | 150 | 85 | Vertical |
| 5 | 5260.00 | 82.46 | 15.51 | 0.00 | -82.46 | 150 | 58 | Vertical |
| 6 | 5260.00 | 92.81 | 15.51 | 0.00 | -92.81 | 150 | 71 | Vertical |

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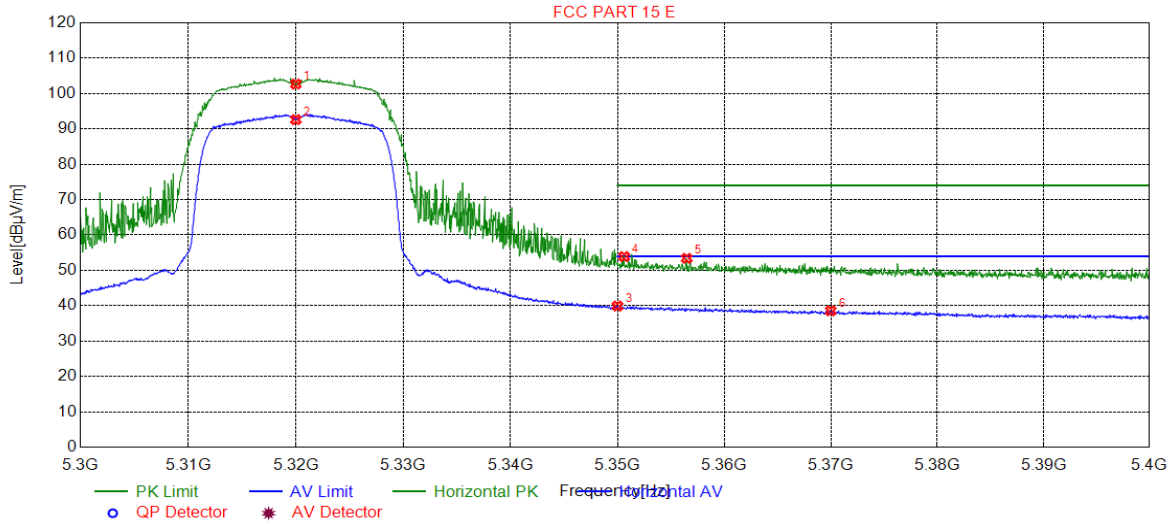
### 4.10.1.7 11A20_64 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.00 | 102.67 | 15.80 | 0.00 | -102.67 | 150 | 15 | Horizontal |
| 2 | 5320.00 | 92.61 | 15.80 | 0.00 | -92.61 | 150 | 22 | Horizontal |
| 3 | 5350.00 | 39.91 | 15.94 | 54.00 | 14.09 | 150 | 15 | Horizontal |
| 4 | 5350.62 | 53.90 | 15.94 | 74.00 | 20.10 | 150 | 42 | Horizontal |
| 5 | 5356.47 | 53.40 | 15.98 | 74.00 | 20.60 | 150 | 15 | Horizontal |
| 6 | 5369.98 | 38.56 | 16.06 | 54.00 | 15.44 | 150 | 15 | Horizontal |

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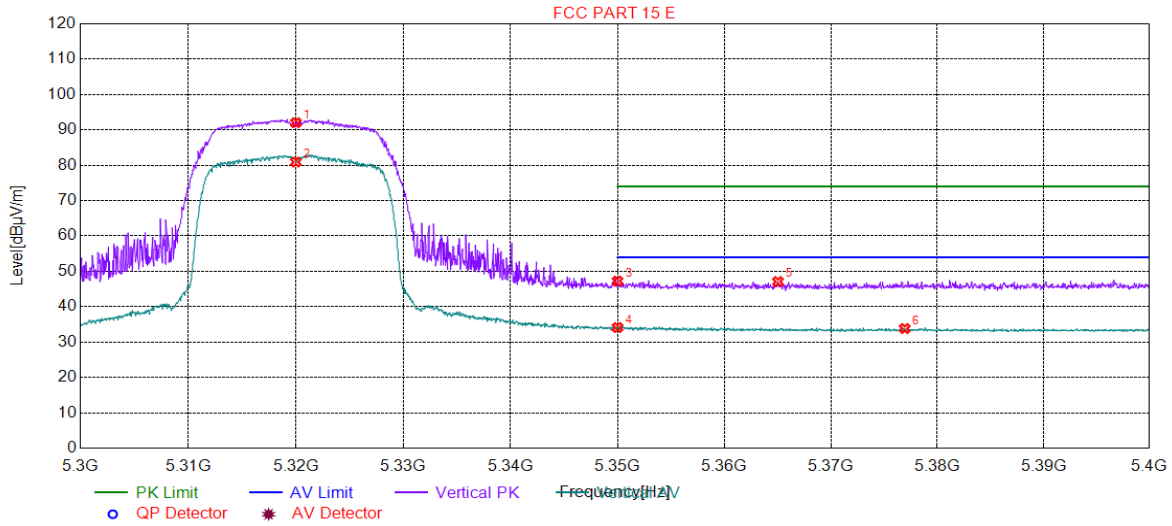
### 4.10.1.8 11A20_64 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.00 | 92.03 | 15.80 | 0.00 | -92.03 | 150 | 195 | Vertical |
| 2 | 5320.00 | 80.91 | 15.80 | 0.00 | -80.91 | 150 | 202 | Vertical |
| 3 | 5350.00 | 47.25 | 15.94 | 74.00 | 26.75 | 150 | 344 | Vertical |
| 4 | 5350.00 | 34.12 | 15.94 | 54.00 | 19.88 | 150 | 202 | Vertical |
| 5 | 5365.03 | 47.11 | 16.03 | 74.00 | 26.89 | 150 | 202 | Vertical |
| 6 | 5376.93 | 33.83 | 16.11 | 54.00 | 20.17 | 150 | 202 | Vertical |

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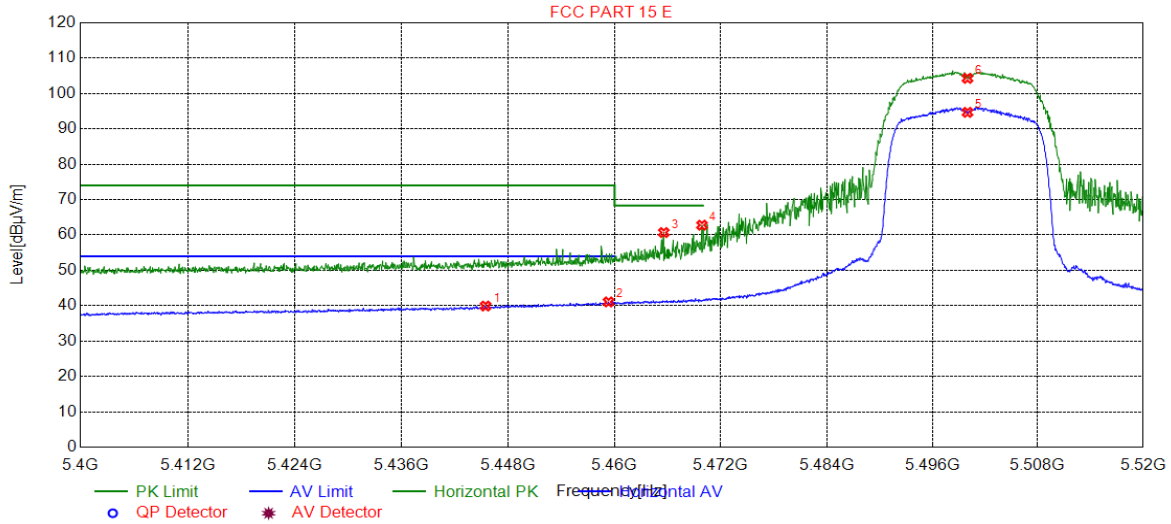
### 4.10.1.9 11A20_100 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5445.44 | 39.91 | 16.25 | 54.00 | 14.09 | 150 | 14 | Horizontal |
| 2 | 5459.30 | 41.07 | 16.25 | 54.00 | 12.93 | 150 | 14 | Horizontal |
| 3 | 5465.55 | 60.69 | 16.25 | 68.30 | 7.61 | 150 | 14 | Horizontal |
| 4 | 5469.87 | 62.78 | 16.25 | 68.30 | 5.52 | 150 | 14 | Horizontal |
| 5 | 5500.00 | 94.67 | 16.25 | 0.00 | -94.67 | 150 | 14 | Horizontal |
| 6 | 5500.00 | 104.30 | 16.25 | 0.00 | -104.30 | 150 | 14 | Horizontal |

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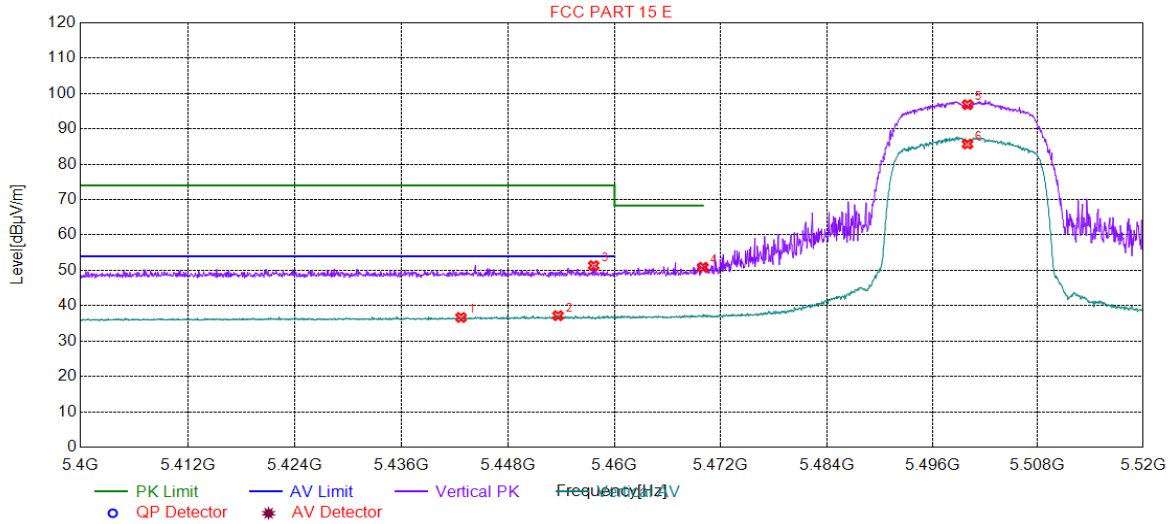
### 4.10.1.10 11A20_100 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5442.68 | 36.68 | 16.25 | 54.00 | 17.32 | 150 | 183 | Vertical |
| 2 | 5453.60 | 37.19 | 16.25 | 54.00 | 16.81 | 150 | 183 | Vertical |
| 3 | 5457.62 | 51.34 | 16.25 | 74.00 | 22.66 | 150 | 222 | Vertical |
| 4 | 5469.99 | 50.86 | 16.25 | 68.30 | 17.44 | 150 | 178 | Vertical |
| 5 | 5500.00 | 96.84 | 16.25 | 0.00 | -96.84 | 150 | 183 | Vertical |
| 6 | 5500.00 | 85.72 | 16.25 | 0.00 | -85.72 | 150 | 189 | Vertical |

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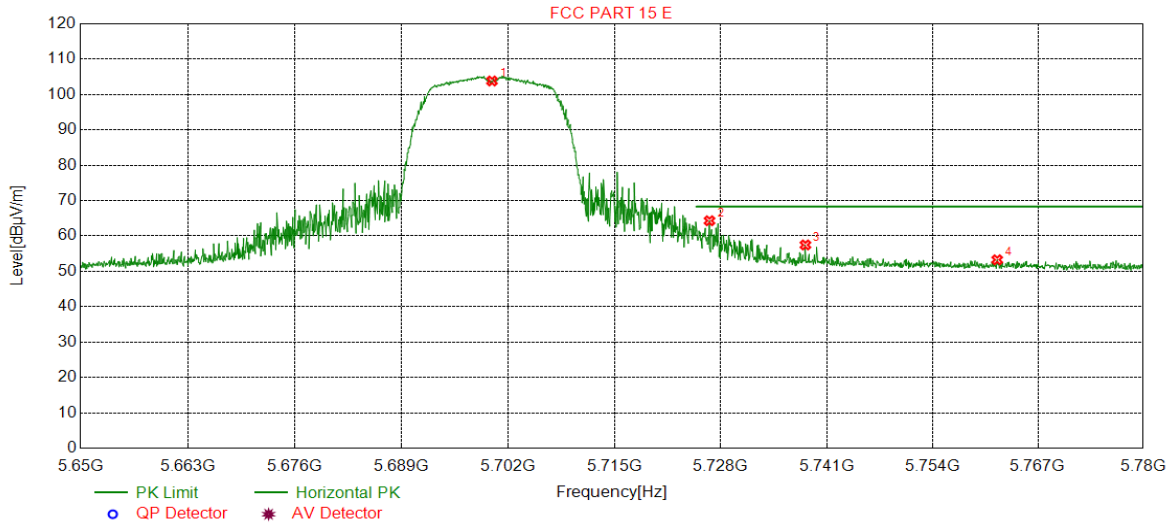
### 4.10.1.11 11A20_140 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.00 | 103.83 | 16.80 | 0.00 | -103.83 | 150 | 29 | Horizontal |
| 2 | 5726.60 | 64.31 | 16.97 | 68.30 | 3.99 | 150 | 219 | Horizontal |
| 3 | 5738.37 | 57.47 | 17.05 | 68.30 | 10.83 | 150 | 20 | Horizontal |
| 4 | 5761.98 | 53.27 | 17.14 | 68.30 | 15.03 | 150 | 20 | Horizontal |

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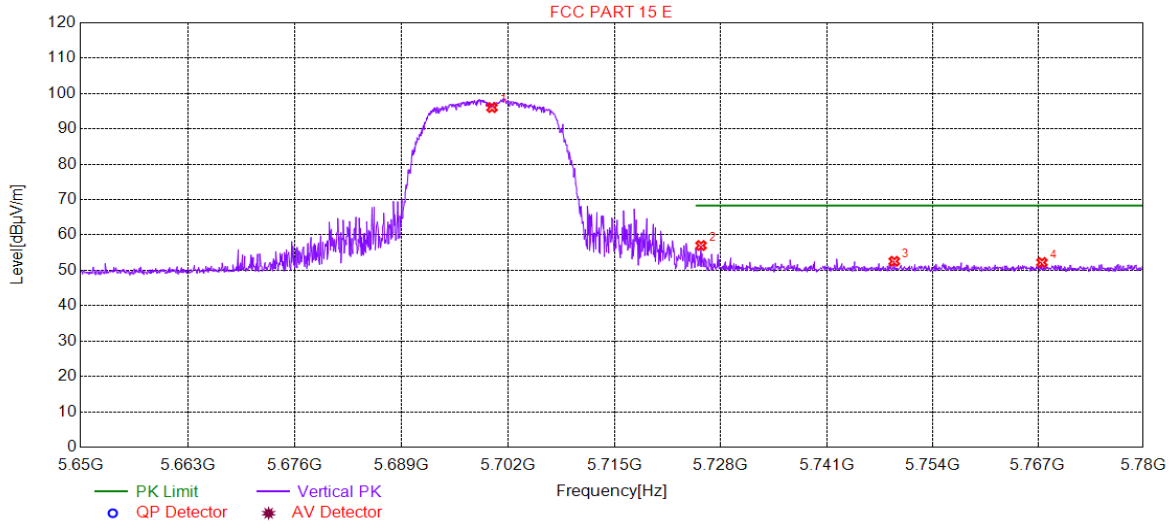
### 4.10.1.12 11A20_140 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.00 | 96.03 | 16.80 | 0.00 | -96.03 | 150 | 176 | Vertical |
| 2 | 5725.56 | 57.02 | 16.96 | 68.30 | 11.28 | 150 | 240 | Vertical |
| 3 | 5749.30 | 52.56 | 17.12 | 68.30 | 15.74 | 150 | 80 | Vertical |
| 4 | 5767.51 | 52.23 | 17.14 | 68.30 | 16.07 | 150 | 7 | Vertical |

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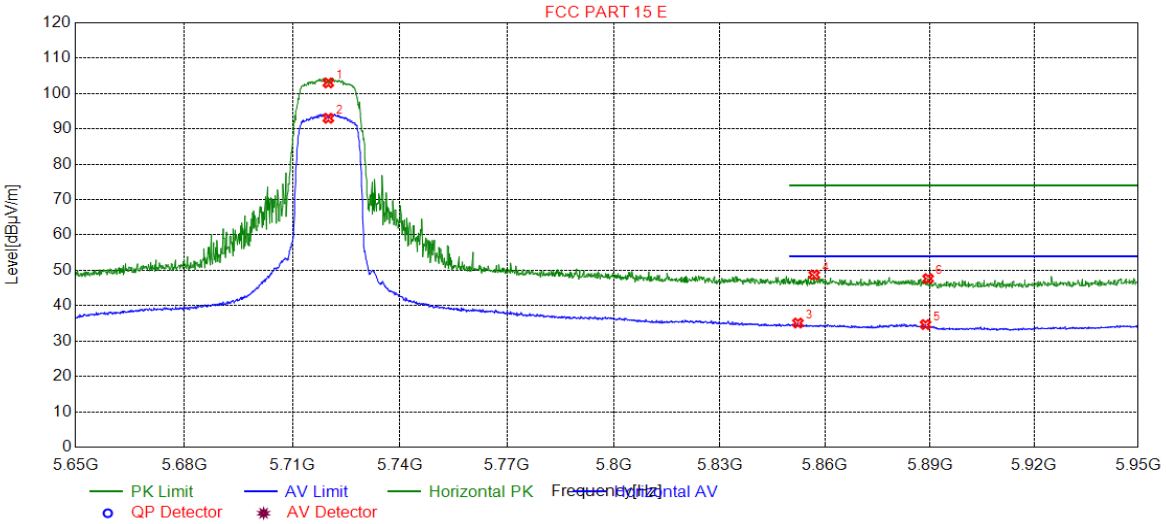
### 4.10.1.13 11A20_144 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5720.00 | 103.00 | 16.93 | 0.00 | -103.00 | 150 | 36 | Horizontal |
| 2 | 5720.00 | 93.01 | 16.93 | 0.00 | -93.01 | 150 | 29 | Horizontal |
| 3 | 5852.30 | 35.11 | 17.25 | 54.00 | 18.89 | 150 | 29 | Horizontal |
| 4 | 5856.95 | 48.71 | 17.24 | 74.00 | 25.29 | 150 | 224 | Horizontal |
| 5 | 5888.76 | 34.68 | 17.14 | 54.00 | 19.32 | 150 | 29 | Horizontal |
| 6 | 5889.51 | 47.67 | 17.14 | 74.00 | 26.33 | 150 | 245 | Horizontal |

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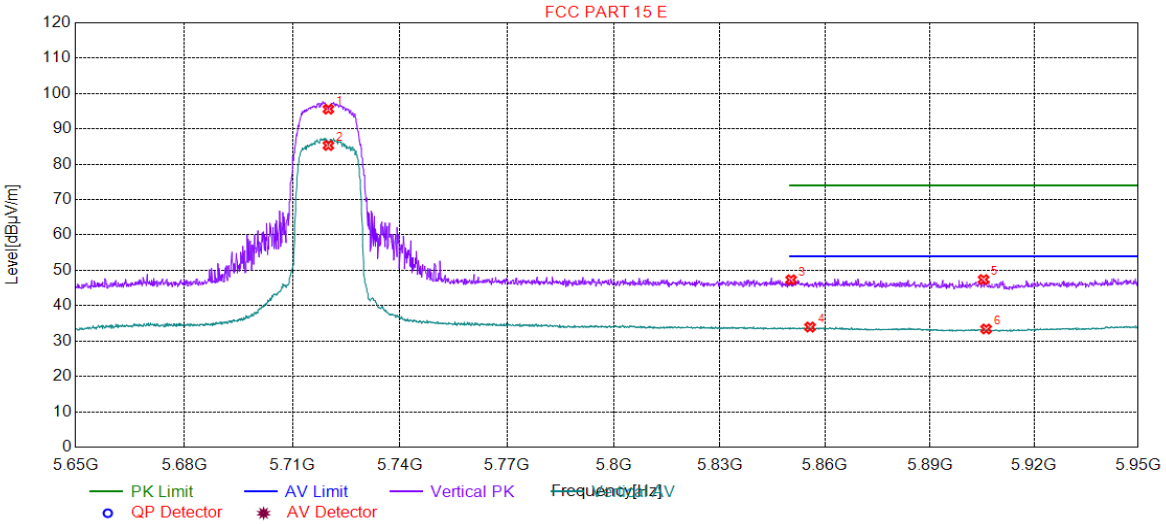
### 4.10.1.14 11A20_144 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5720.00 | 95.57 | 16.93 | 0.00 | -95.57 | 150 | 217 | Vertical |
| 2 | 5720.00 | 85.31 | 16.93 | 0.00 | -85.31 | 150 | 217 | Vertical |
| 3 | 5850.35 | 47.33 | 17.26 | 74.00 | 26.67 | 150 | 115 | Vertical |
| 4 | 5855.75 | 33.97 | 17.24 | 54.00 | 20.03 | 150 | 190 | Vertical |
| 5 | 5905.42 | 47.40 | 17.19 | 74.00 | 26.60 | 150 | 224 | Vertical |
| 6 | 5906.17 | 33.42 | 17.21 | 54.00 | 20.58 | 150 | 318 | Vertical |

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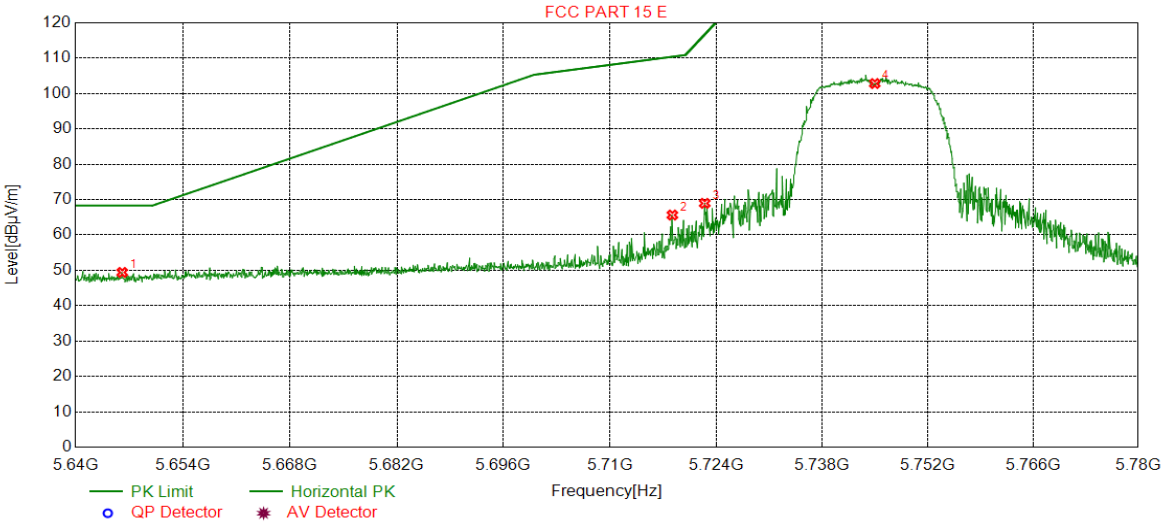
### 4.10.1.15 11A20_149 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5646.09 | 49.42 | 16.53 | 68.30 | 18.88 | 150 | 20 | Horizontal |
| 2 | 5718.22 | 65.64 | 16.92 | 110.40 | 44.76 | 150 | 222 | Horizontal |
| 3 | 5722.50 | 68.95 | 16.94 | 116.60 | 47.65 | 150 | 38 | Horizontal |
| 4 | 5745.00 | 102.82 | 17.09 | 0.00 | -102.82 | 150 | 20 | Horizontal |

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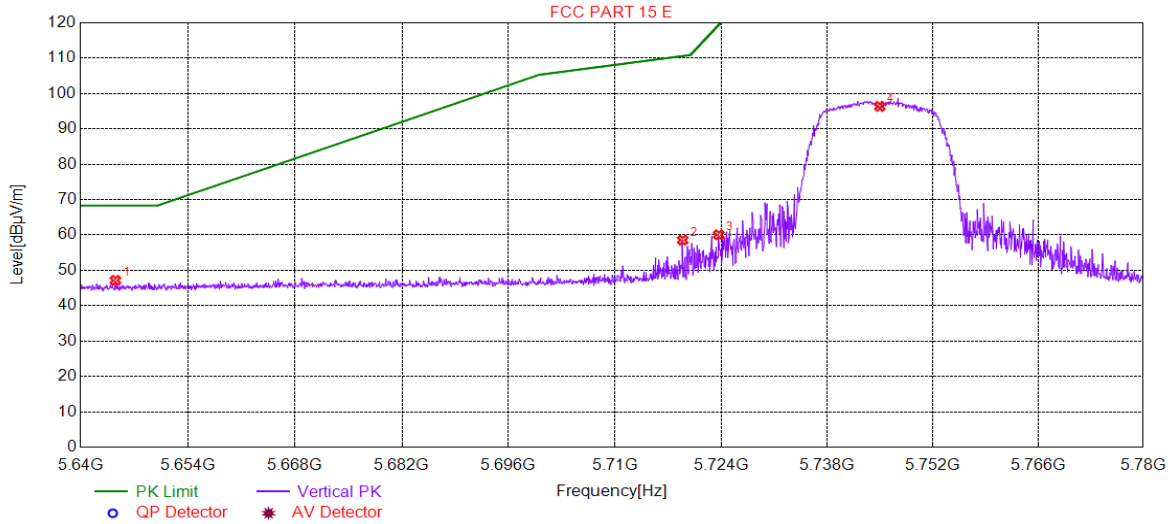
### 4.10.1.16 11A20_149 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5644.55 | 47.15 | 16.54 | 68.30 | 21.15 | 150 | 101 | Vertical |
| 2 | 5718.92 | 58.56 | 16.92 | 110.60 | 52.04 | 150 | 178 | Vertical |
| 3 | 5723.69 | 60.06 | 16.95 | 119.32 | 59.26 | 150 | 183 | Vertical |
| 4 | 5745.00 | 96.35 | 17.09 | 0.00 | -96.35 | 150 | 178 | Vertical |

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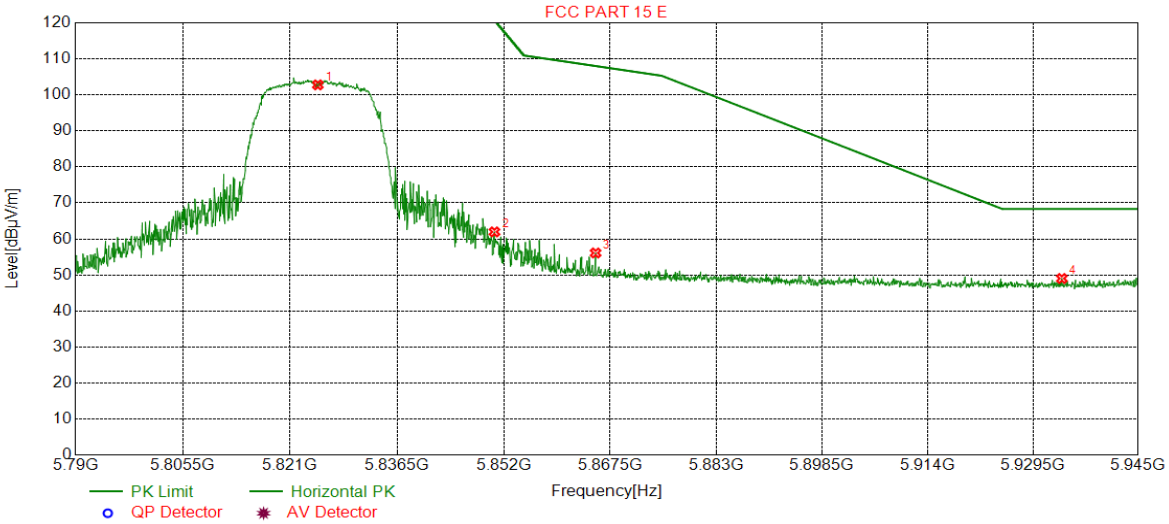
### 4.10.1.17 11A20_165 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.00 | 102.76 | 17.23 | 0.00 | -102.76 | 150 | 38 | Horizontal |
| 2 | 5850.63 | 61.96 | 17.26 | 120.85 | 58.89 | 150 | 20 | Horizontal |
| 3 | 5865.36 | 56.11 | 17.21 | 108.00 | 51.89 | 150 | 16 | Horizontal |
| 4 | 5933.75 | 49.02 | 17.63 | 68.30 | 19.28 | 150 | 24 | Horizontal |

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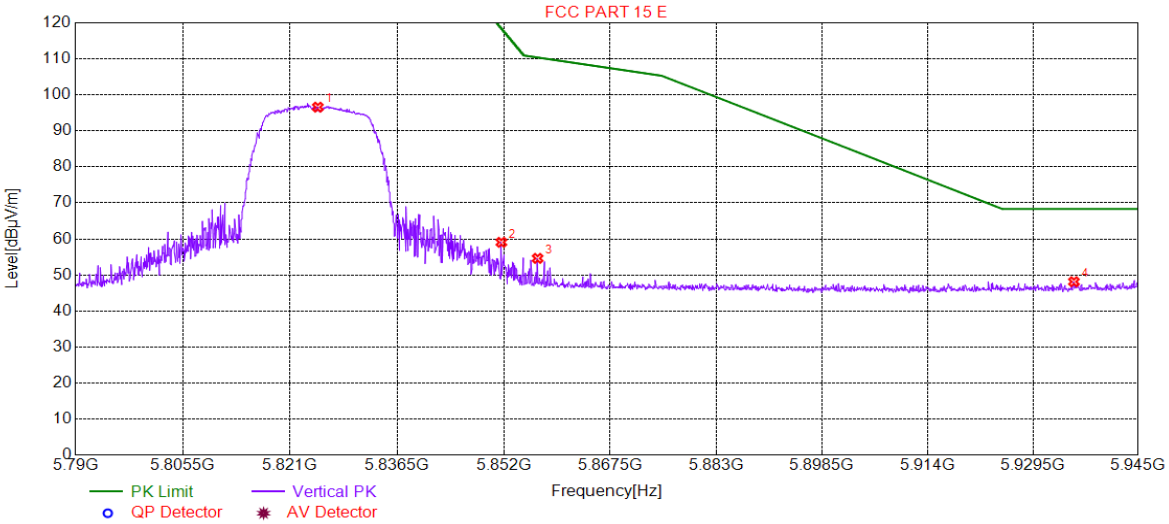
### 4.10.1.18 11A20_165 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.00 | 96.58 | 17.23 | 0.00 | -96.58 | 150 | 206 | Vertical |
| 2 | 5851.64 | 59.07 | 17.26 | 118.55 | 59.48 | 150 | 0 | Vertical |
| 3 | 5856.91 | 54.61 | 17.24 | 110.36 | 55.75 | 150 | 160 | Vertical |
| 4 | 5935.54 | 48.13 | 17.66 | 68.30 | 20.17 | 150 | 215 | Vertical |

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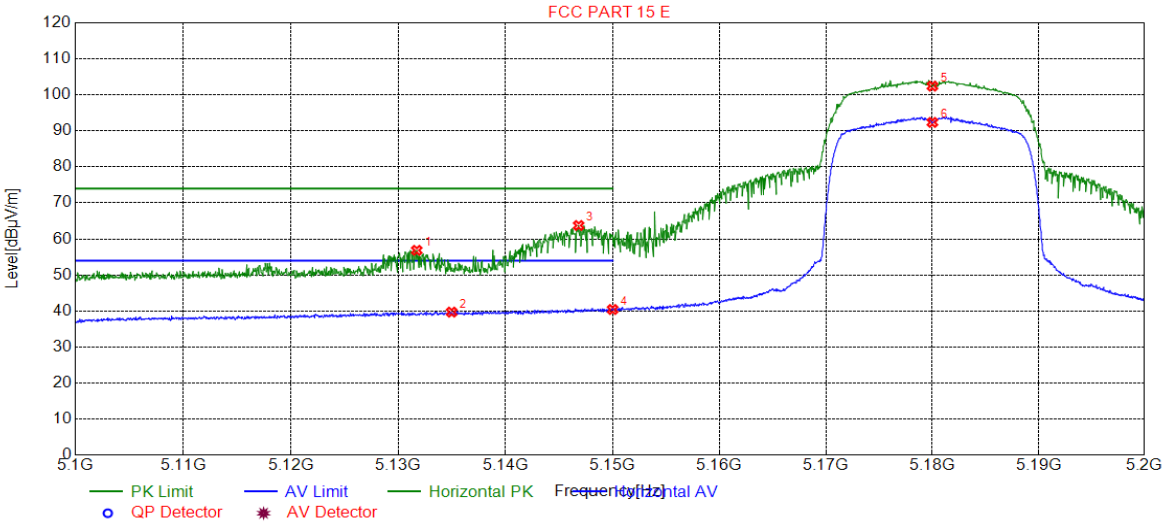
### 4.10.1.19 11N20_36 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5131.71 | 56.84 | 15.36 | 74.00 | 17.16 | 150 | 14 | Horizontal |
| 2 | 5134.96 | 39.69 | 15.39 | 54.00 | 14.31 | 150 | 14 | Horizontal |
| 3 | 5146.82 | 63.73 | 15.49 | 74.00 | 10.27 | 150 | 14 | Horizontal |
| 4 | 5150.00 | 40.42 | 15.52 | 0.00 | -40.42 | 150 | 14 | Horizontal |
| 5 | 5180.00 | 102.42 | 15.56 | 0.00 | -102.42 | 150 | 14 | Horizontal |
| 6 | 5180.00 | 92.35 | 15.56 | 0.00 | -92.35 | 150 | 14 | Horizontal |

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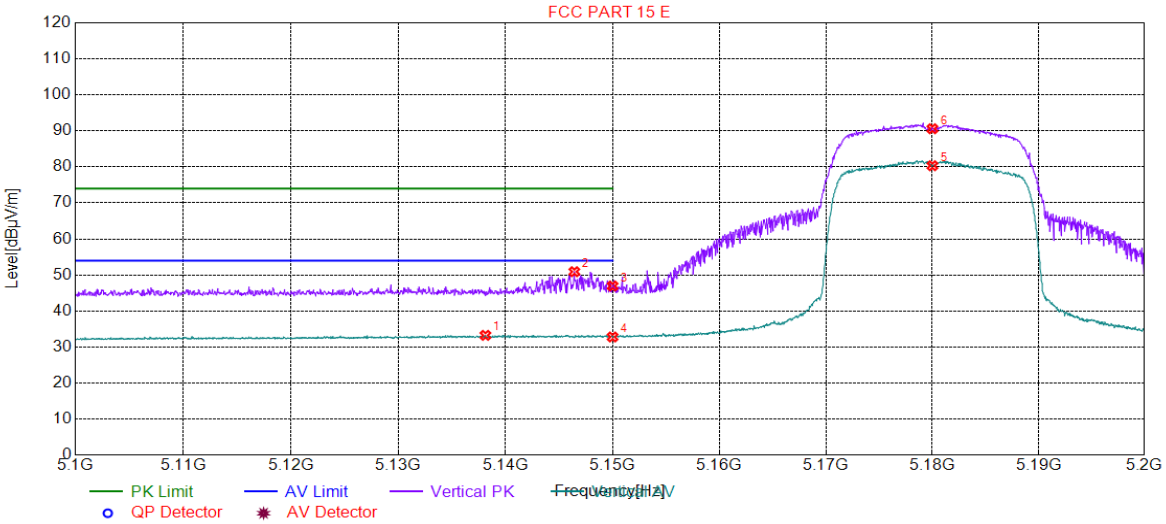
### 4.10.1.20 11N20_36 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5138.11 | 33.24 | 15.42 | 54.00 | 20.76 | 150 | 18 | Vertical |
| 2 | 5146.42 | 50.91 | 15.49 | 74.00 | 23.09 | 150 | 73 | Vertical |
| 3 | 5150.00 | 46.93 | 15.52 | 0.00 | -46.93 | 150 | 62 | Vertical |
| 4 | 5150.00 | 32.79 | 15.52 | 0.00 | -32.79 | 150 | 62 | Vertical |
| 5 | 5180.00 | 80.32 | 15.56 | 0.00 | -80.32 | 150 | 73 | Vertical |
| 6 | 5180.00 | 90.59 | 15.56 | 0.00 | -90.59 | 150 | 78 | Vertical |

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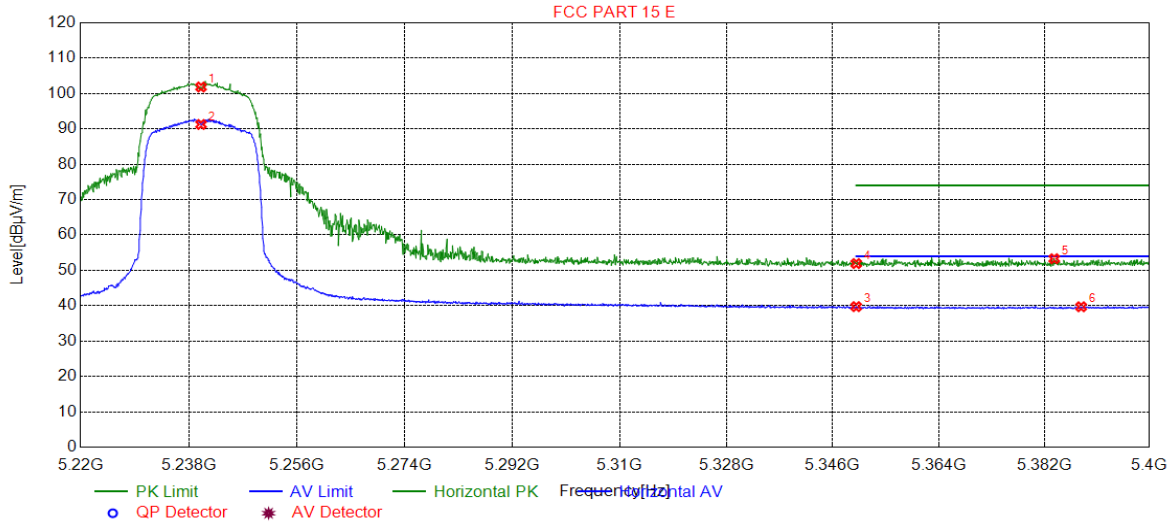
### 4.10.1.21 11N20_48 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.00 | 101.84 | 15.49 | 0.00 | -101.84 | 150 | 56 | Horizontal |
| 2 | 5240.00 | 91.25 | 15.49 | 0.00 | -91.25 | 150 | 16 | Horizontal |
| 3 | 5350.00 | 39.74 | 15.94 | 54.00 | 14.26 | 150 | 16 | Horizontal |
| 4 | 5350.00 | 51.92 | 15.94 | 74.00 | 22.08 | 150 | 360 | Horizontal |
| 5 | 5383.70 | 53.29 | 16.15 | 74.00 | 20.71 | 150 | 324 | Horizontal |
| 6 | 5388.29 | 39.71 | 16.18 | 54.00 | 14.29 | 150 | 16 | Horizontal |

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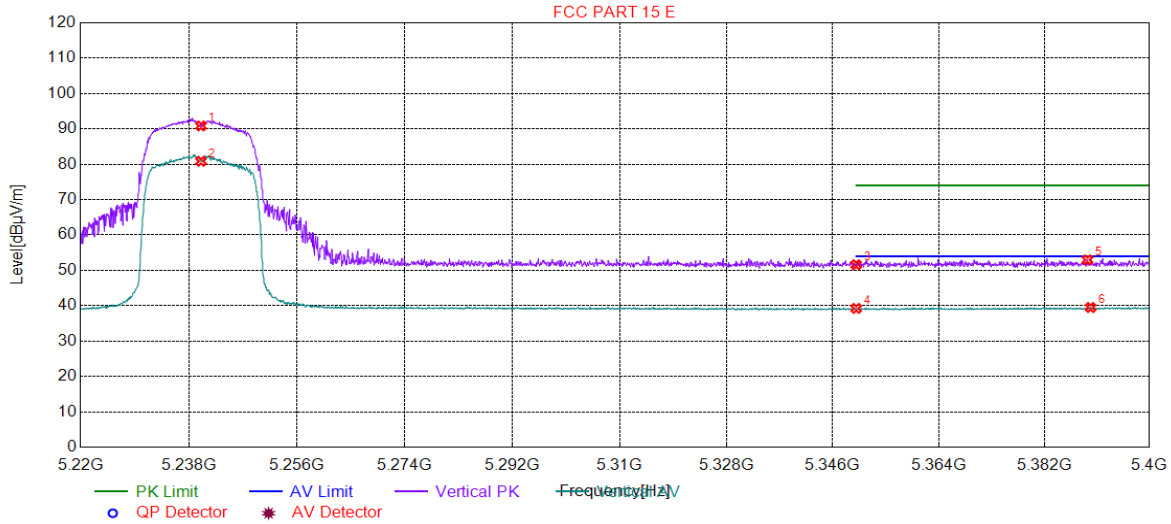
### 4.10.1.22 11N20_48 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.00 | 90.83 | 15.49 | 0.00 | -90.83 | 150 | 79 | Vertical |
| 2 | 5240.00 | 80.84 | 15.49 | 0.00 | -80.84 | 150 | 79 | Vertical |
| 3 | 5350.00 | 51.60 | 15.94 | 74.00 | 22.40 | 150 | 25 | Vertical |
| 4 | 5350.00 | 39.24 | 15.94 | 54.00 | 14.76 | 150 | 134 | Vertical |
| 5 | 5389.37 | 52.97 | 16.18 | 74.00 | 21.03 | 150 | 31 | Vertical |
| 6 | 5389.91 | 39.50 | 16.19 | 54.00 | 14.50 | 150 | 243 | Vertical |

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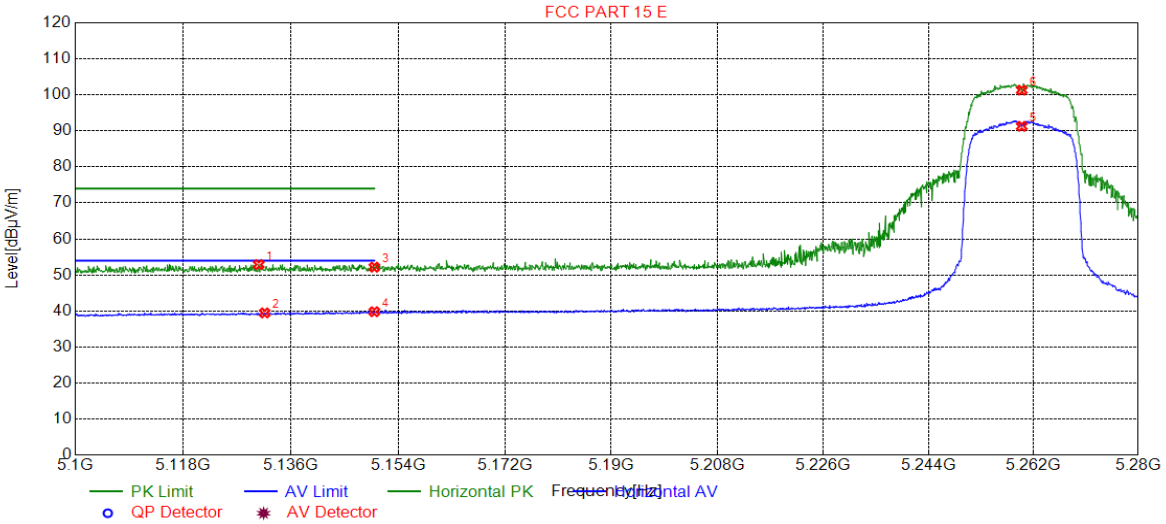
### 4.10.1.23 11N20_52 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5130.61 | 52.88 | 15.35 | 74.00 | 21.12 | 150 | 42 | Horizontal |
| 2 | 5131.60 | 39.47 | 15.36 | 54.00 | 14.53 | 150 | 359 | Horizontal |
| 3 | 5150.00 | 52.16 | 15.52 | 0.00 | -52.16 | 150 | 343 | Horizontal |
| 4 | 5150.00 | 39.80 | 15.52 | 0.00 | -39.80 | 150 | 22 | Horizontal |
| 5 | 5260.00 | 91.26 | 15.51 | 0.00 | -91.26 | 150 | 16 | Horizontal |
| 6 | 5260.00 | 101.31 | 15.51 | 0.00 | -101.31 | 150 | 22 | Horizontal |

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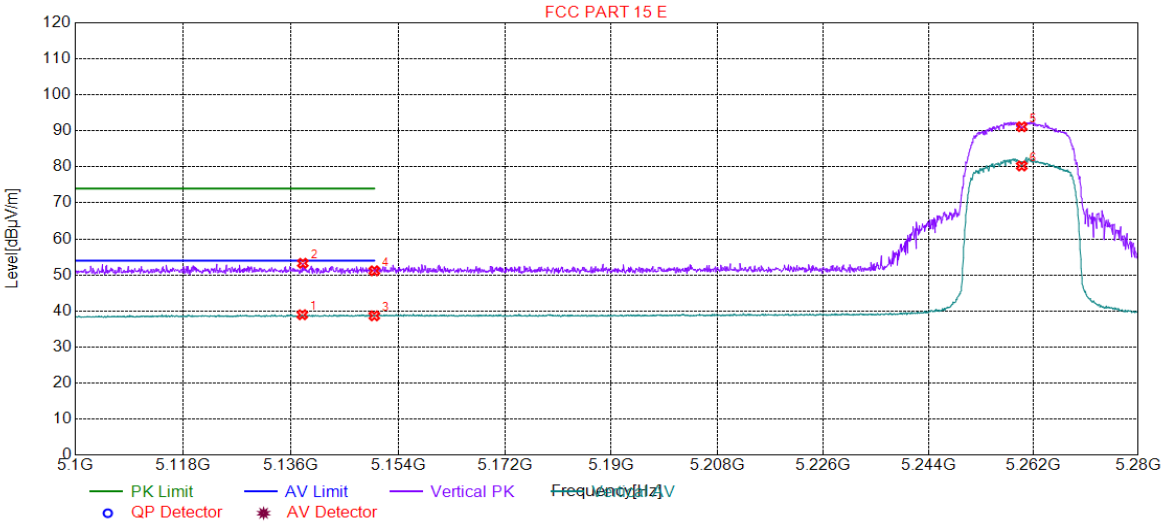
### 4.10.1.24 11N20_52 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5137.90 | 38.96 | 15.42 | 54.00 | 15.04 | 150 | 99 | Vertical |
| 2 | 5137.99 | 53.25 | 15.42 | 74.00 | 20.75 | 150 | 236 | Vertical |
| 3 | 5150.00 | 38.66 | 15.52 | 0.00 | -38.66 | 150 | 250 | Vertical |
| 4 | 5150.00 | 51.15 | 15.52 | 0.00 | -51.15 | 150 | 331 | Vertical |
| 5 | 5260.00 | 91.13 | 15.51 | 0.00 | -91.13 | 150 | 79 | Vertical |
| 6 | 5260.00 | 80.25 | 15.51 | 0.00 | -80.25 | 150 | 72 | Vertical |

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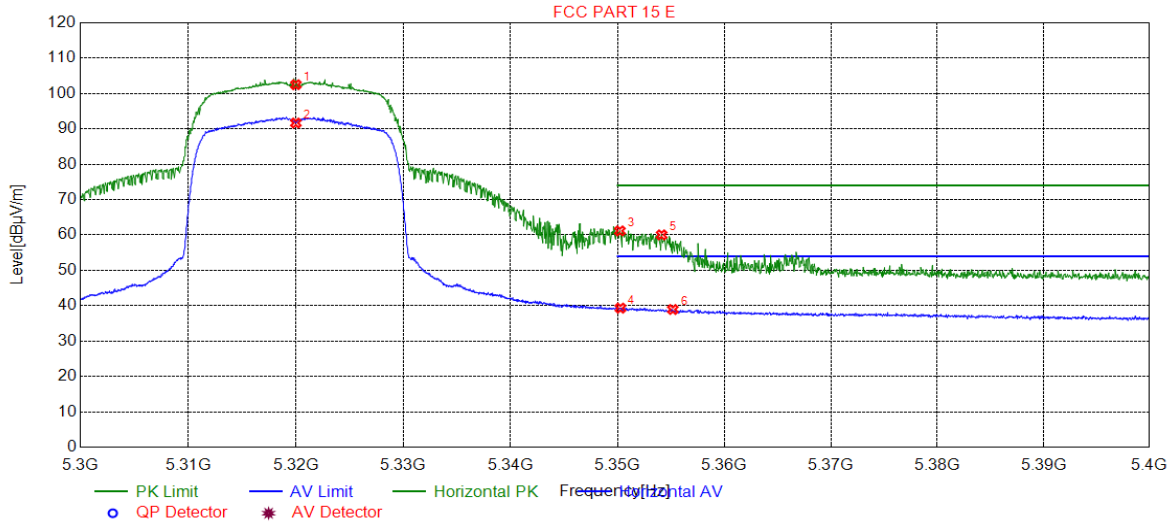
### 4.10.1.25 11N20_64 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.00 | 102.49 | 15.80 | 0.00 | -102.49 | 150 | 16 | Horizontal |
| 2 | 5320.00 | 91.66 | 15.80 | 0.00 | -91.66 | 150 | 22 | Horizontal |
| 3 | 5350.22 | 61.15 | 15.94 | 74.00 | 12.85 | 150 | 22 | Horizontal |
| 4 | 5350.27 | 39.32 | 15.94 | 54.00 | 14.68 | 150 | 16 | Horizontal |
| 5 | 5354.12 | 60.03 | 15.97 | 74.00 | 13.97 | 150 | 22 | Horizontal |
| 6 | 5355.17 | 38.94 | 15.97 | 54.00 | 15.06 | 150 | 16 | Horizontal |

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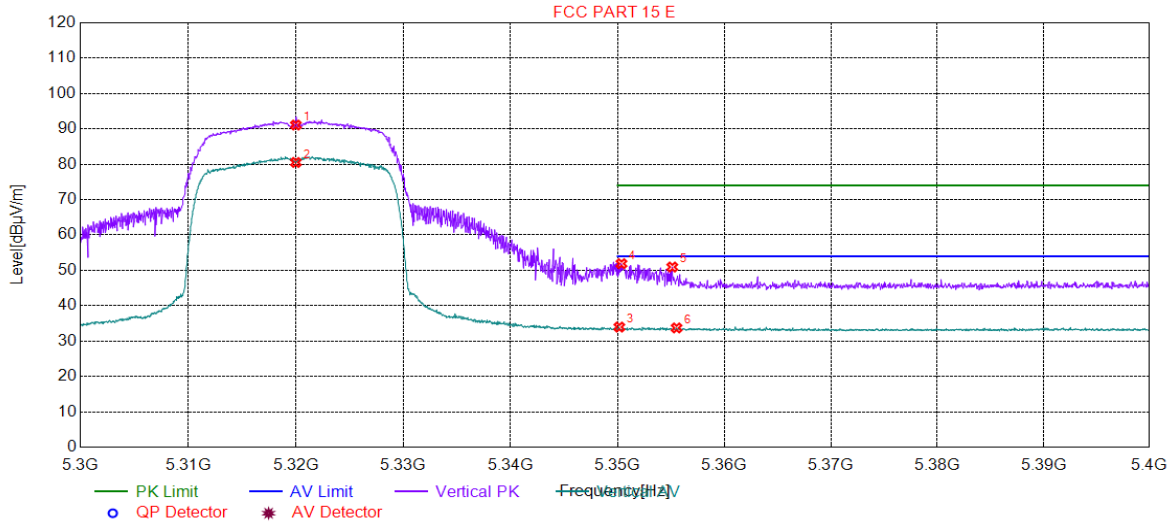
### 4.10.1.26 11N20_64 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.00 | 91.08 | 15.80 | 0.00 | -91.08 | 150 | 190 | Vertical |
| 2 | 5320.00 | 80.52 | 15.80 | 0.00 | -80.52 | 150 | 203 | Vertical |
| 3 | 5350.17 | 33.96 | 15.94 | 54.00 | 20.04 | 150 | 196 | Vertical |
| 4 | 5350.37 | 51.89 | 15.94 | 74.00 | 22.11 | 150 | 196 | Vertical |
| 5 | 5355.12 | 50.94 | 15.97 | 74.00 | 23.06 | 150 | 196 | Vertical |
| 6 | 5355.52 | 33.72 | 15.97 | 54.00 | 20.28 | 150 | 203 | Vertical |

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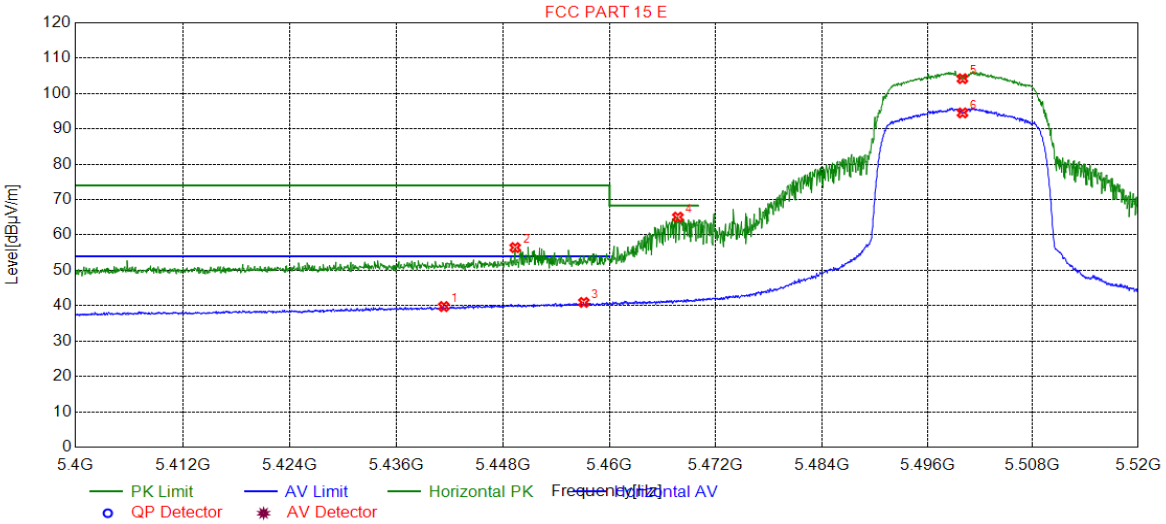
## 4.10.1.27 11N20_100 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5441.30 | 39.77 | 16.25 | 54.00 | 14.23 | 150 | 19 | Horizontal |
| 2 | 5449.34 | 56.43 | 16.25 | 74.00 | 17.57 | 150 | 30 | Horizontal |
| 3 | 5457.08 | 40.94 | 16.25 | 54.00 | 13.06 | 150 | 19 | Horizontal |
| 4 | 5467.71 | 65.04 | 16.25 | 68.30 | 3.26 | 150 | 19 | Horizontal |
| 5 | 5500.00 | 104.20 | 16.25 | 0.00 | -104.20 | 150 | 19 | Horizontal |
| 6 | 5500.00 | 94.52 | 16.25 | 0.00 | -94.52 | 150 | 19 | Horizontal |

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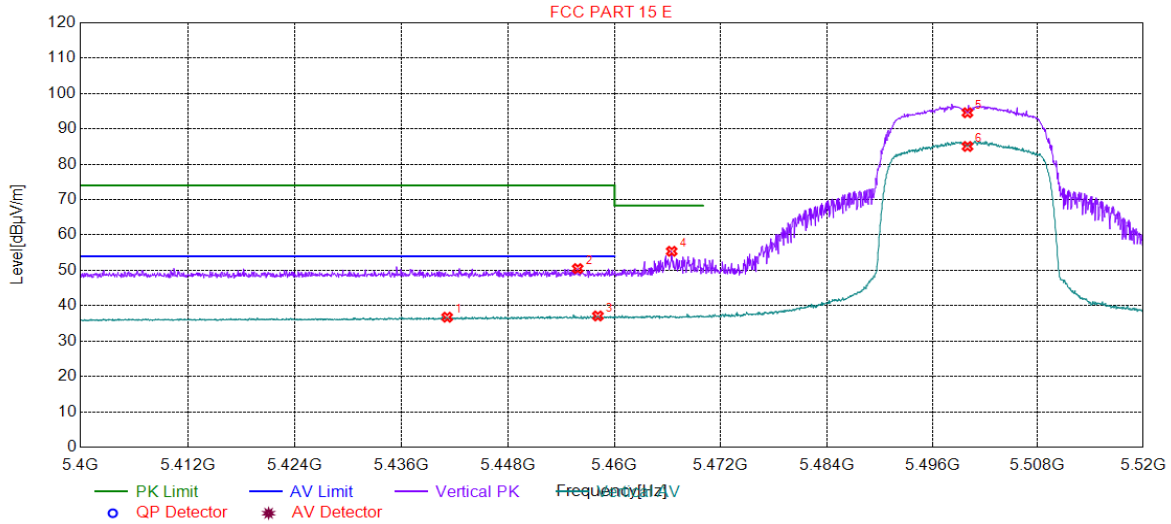
### 4.10.1.28 11N20_100 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5441.12 | 36.75 | 16.25 | 54.00 | 17.25 | 150 | 196 | Vertical |
| 2 | 5455.82 | 50.50 | 16.25 | 74.00 | 23.50 | 150 | 190 | Vertical |
| 3 | 5458.10 | 37.11 | 16.25 | 54.00 | 16.89 | 150 | 190 | Vertical |
| 4 | 5466.45 | 55.39 | 16.25 | 68.30 | 12.91 | 150 | 196 | Vertical |
| 5 | 5500.00 | 94.56 | 16.25 | 0.00 | -94.56 | 150 | 185 | Vertical |
| 6 | 5500.00 | 85.03 | 16.25 | 0.00 | -85.03 | 150 | 190 | Vertical |

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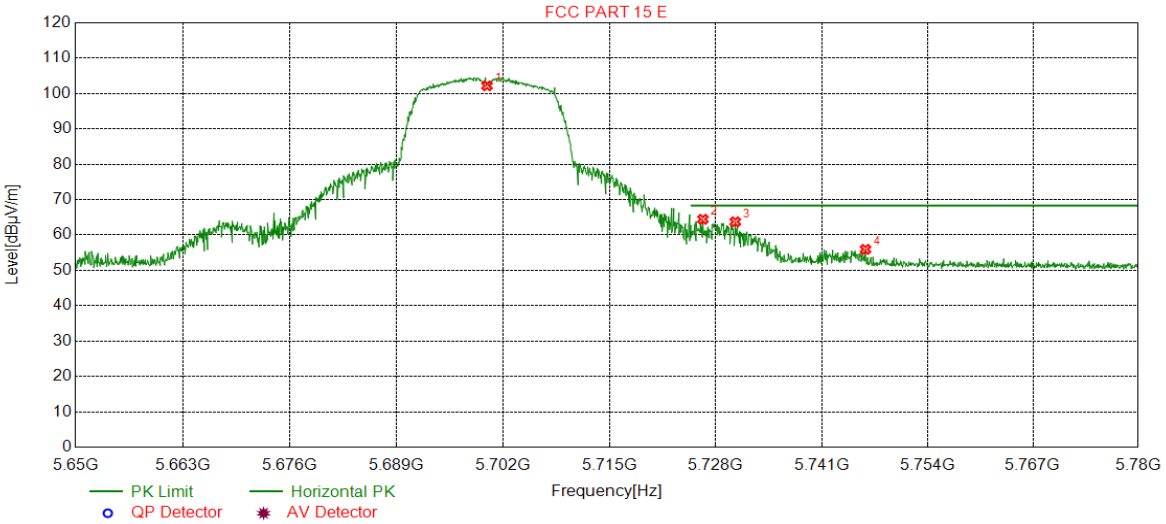
### 4.10.1.29 11N20_140 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.00 | 102.18 | 16.80 | 0.00 | -102.18 | 150 | 25 | Horizontal |
| 2 | 5726.41 | 64.44 | 16.97 | 68.30 | 3.86 | 150 | 16 | Horizontal |
| 3 | 5730.38 | 63.72 | 16.99 | 68.30 | 4.58 | 150 | 16 | Horizontal |
| 4 | 5746.37 | 55.95 | 17.10 | 68.30 | 12.35 | 150 | 25 | Horizontal |

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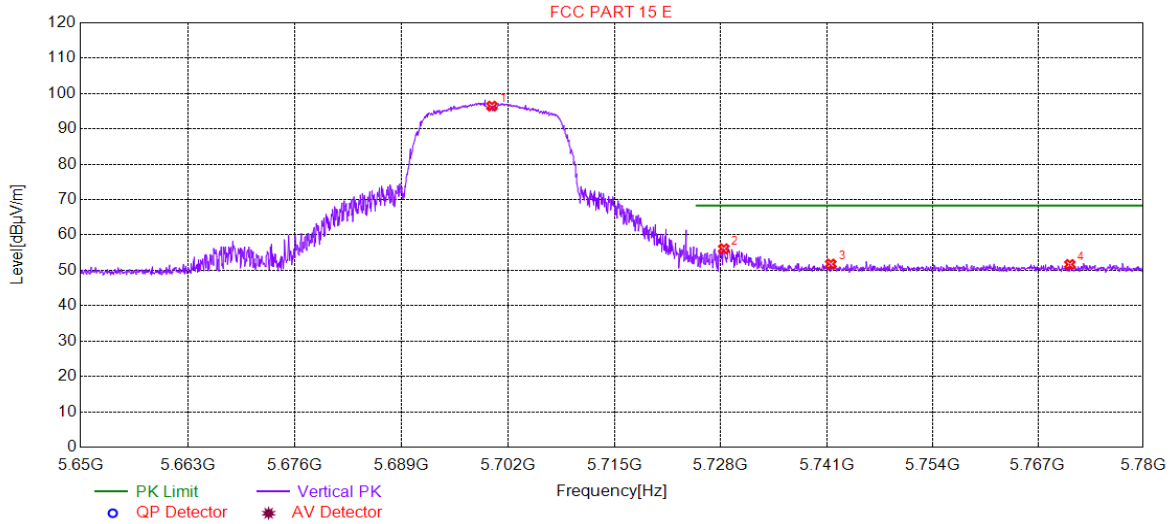
## 4.10.1.30 11N20_140 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.00 | 96.43 | 16.80 | 0.00 | -96.43 | 150 | 247 | Vertical |
| 2 | 5728.36 | 56.10 | 16.98 | 68.30 | 12.20 | 150 | 215 | Vertical |
| 3 | 5741.50 | 51.79 | 17.07 | 68.30 | 16.51 | 150 | 49 | Vertical |
| 4 | 5770.96 | 51.67 | 17.15 | 68.30 | 16.63 | 150 | 90 | Vertical |

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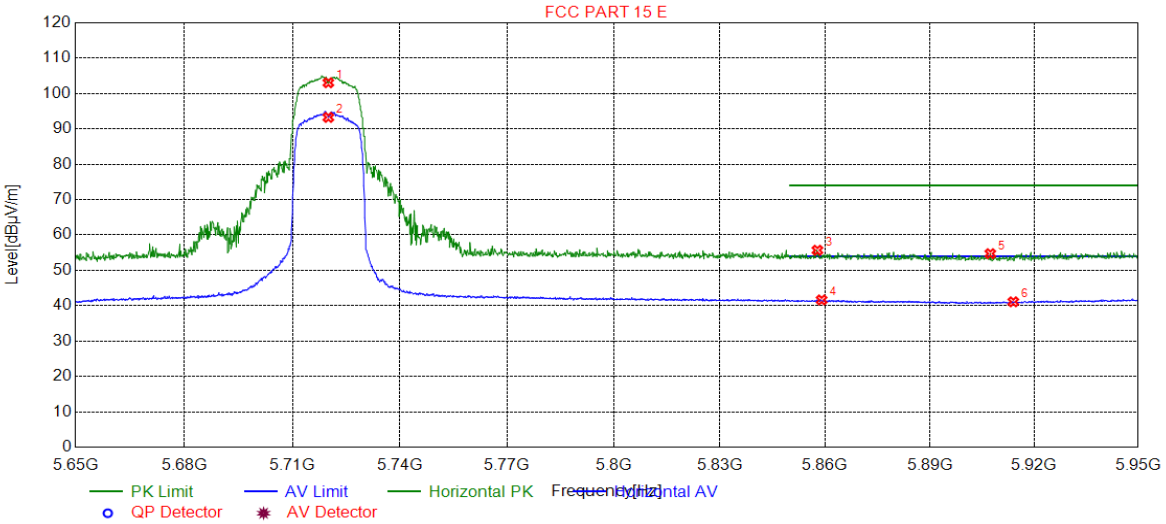
### 4.10.1.31 11N20_144 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5720.00 | 103.04 | 16.93 | 0.00 | -103.04 | 150 | 22 | Horizontal |
| 2 | 5720.00 | 93.25 | 16.93 | 0.00 | -93.25 | 150 | 28 | Horizontal |
| 3 | 5857.85 | 55.69 | 17.24 | 74.00 | 18.31 | 150 | 28 | Horizontal |
| 4 | 5859.05 | 41.64 | 17.23 | 54.00 | 12.36 | 150 | 225 | Horizontal |
| 5 | 5907.37 | 54.72 | 17.22 | 74.00 | 19.28 | 150 | 197 | Horizontal |
| 6 | 5913.98 | 41.11 | 17.33 | 54.00 | 12.89 | 150 | 218 | Horizontal |

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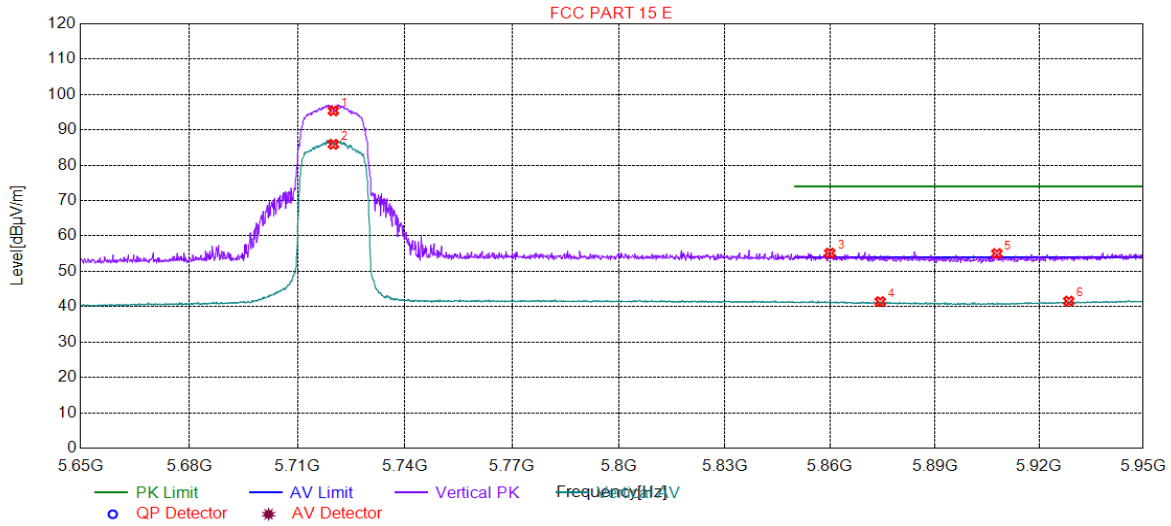
### 4.10.1.32 11N20_144 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5720.00 | 95.40 | 16.93 | 0.00 | -95.40 | 150 | 184 | Vertical |
| 2 | 5720.00 | 85.92 | 16.93 | 0.00 | -85.92 | 150 | 184 | Vertical |
| 3 | 5859.95 | 55.15 | 17.23 | 74.00 | 18.85 | 150 | 292 | Vertical |
| 4 | 5874.36 | 41.43 | 17.19 | 54.00 | 12.57 | 150 | 285 | Vertical |
| 5 | 5907.82 | 55.03 | 17.23 | 74.00 | 18.97 | 150 | 204 | Vertical |
| 6 | 5928.53 | 41.60 | 17.55 | 54.00 | 12.40 | 150 | 318 | Vertical |

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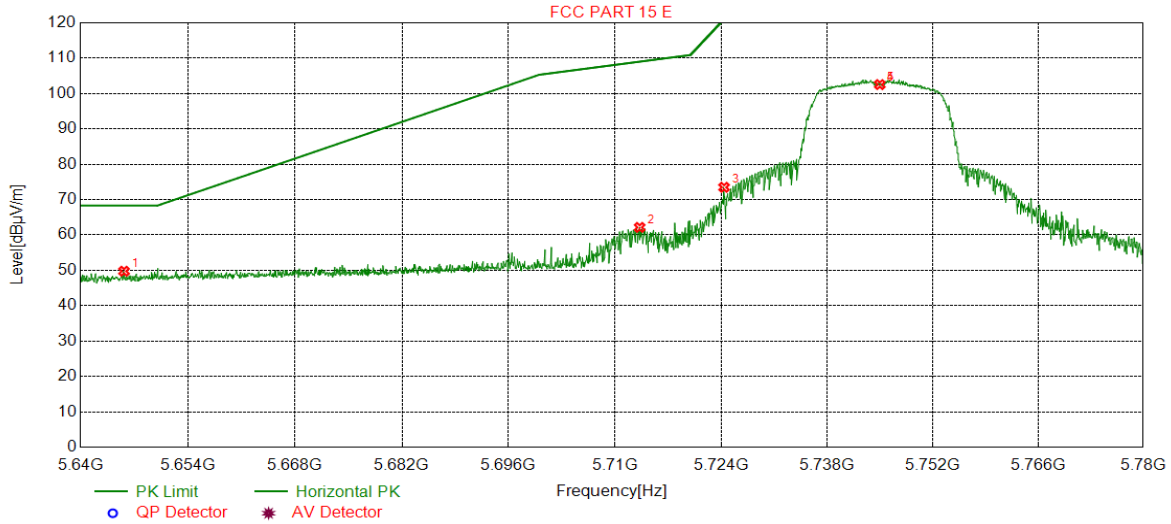
### 4.10.1.33 11N20_149 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5645.67 | 49.76 | 16.54 | 68.30 | 18.54 | 150 | 29 | Horizontal |
| 2 | 5713.25 | 62.15 | 16.88 | 109.01 | 46.86 | 150 | 29 | Horizontal |
| 3 | 5724.39 | 73.48 | 16.96 | 120.91 | 47.43 | 150 | 33 | Horizontal |
| 4 | 5745.00 | 102.53 | 17.09 | 0.00 | -102.53 | 150 | 33 | Horizontal |
| 5 | 5745.00 | 102.53 | 17.09 | 0.00 | -102.53 | 150 | 33 | Horizontal |

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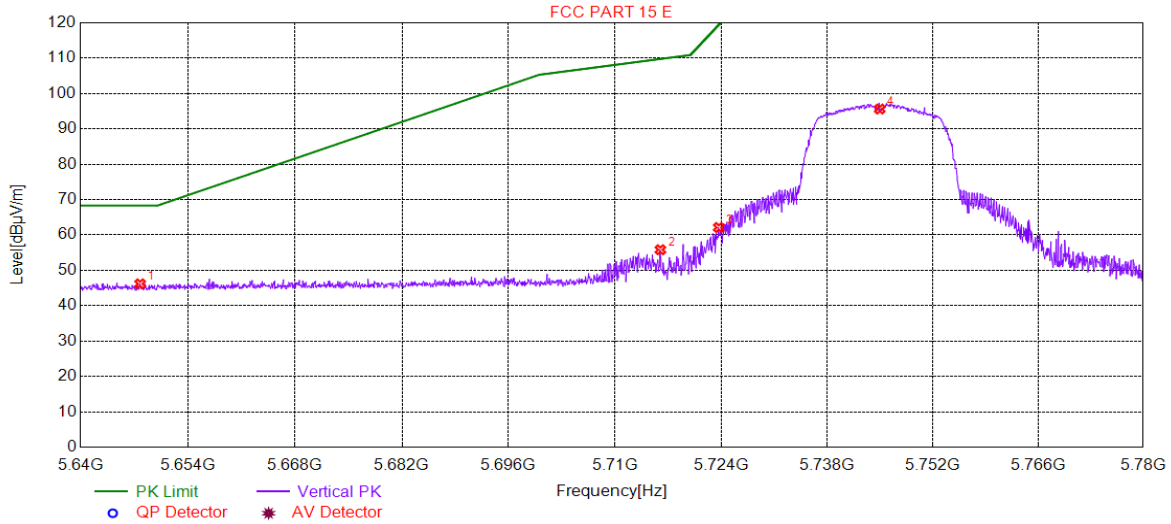
### 4.10.1.34 11N20_149 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5647.77 | 46.19 | 16.53 | 68.30 | 22.11 | 150 | 185 | Vertical |
| 2 | 5715.98 | 55.83 | 16.90 | 109.78 | 53.95 | 150 | 194 | Vertical |
| 3 | 5723.69 | 62.12 | 16.95 | 119.32 | 57.20 | 150 | 185 | Vertical |
| 4 | 5745.00 | 95.62 | 17.09 | 0.00 | -95.62 | 150 | 56 | Vertical |

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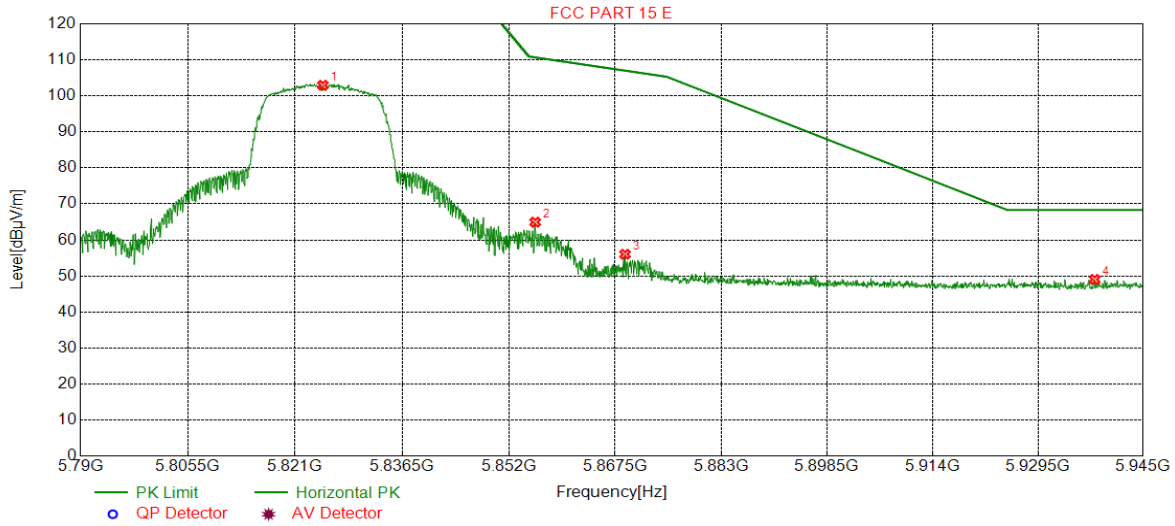
### 4.10.1.35 11N20_165 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.00 | 102.93 | 17.23 | 0.00 | -102.93 | 150 | 33 | Horizontal |
| 2 | 5855.83 | 64.93 | 17.24 | 110.67 | 45.74 | 150 | 239 | Horizontal |
| 3 | 5868.93 | 56.03 | 17.20 | 107.00 | 50.97 | 150 | 16 | Horizontal |
| 4 | 5937.86 | 49.03 | 17.69 | 68.30 | 19.27 | 150 | 38 | Horizontal |

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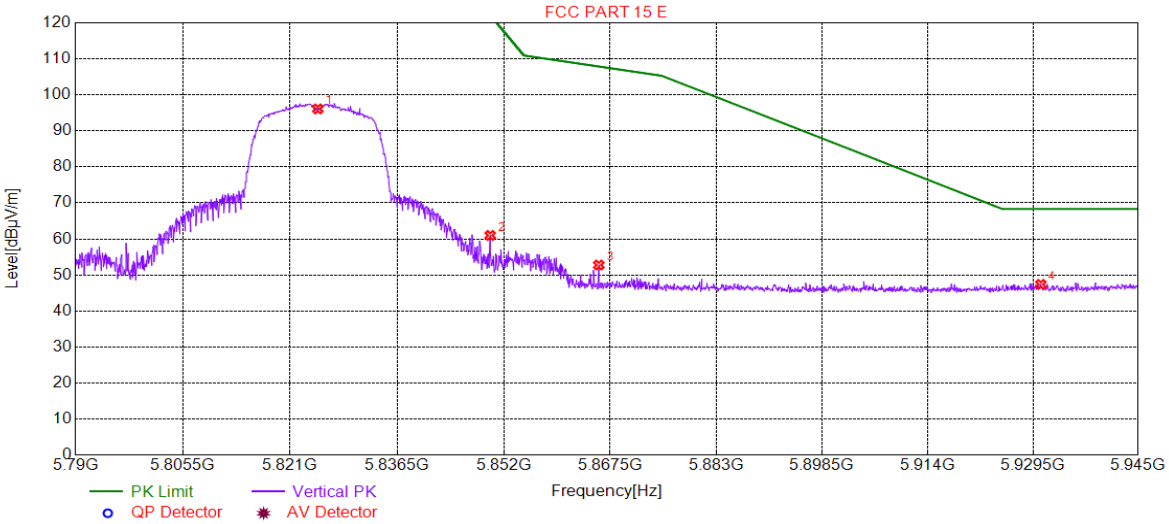
### 4.10.1.36 11N20_165 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.00 | 96.09 | 17.23 | 0.00 | -96.09 | 150 | 189 | Vertical |
| 2 | 5850.01 | 60.97 | 17.26 | 122.27 | 61.30 | 150 | 222 | Vertical |
| 3 | 5865.83 | 52.76 | 17.21 | 107.87 | 55.11 | 150 | 180 | Vertical |
| 4 | 5930.65 | 47.39 | 17.58 | 68.30 | 20.91 | 150 | 19 | Vertical |

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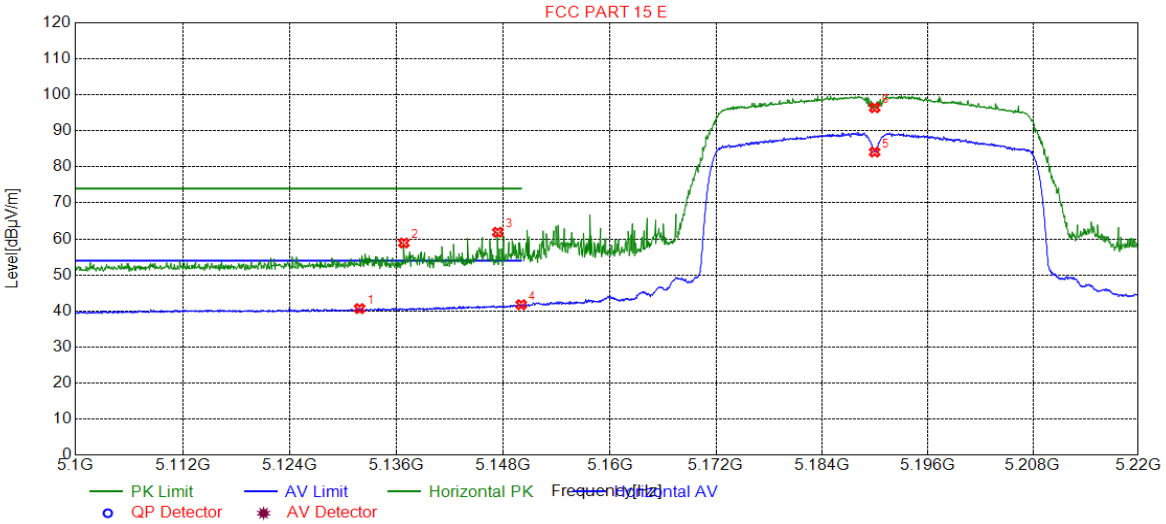
### 4.10.1.37 11N40_38 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5131.81 | 40.67 | 15.36 | 54.00 | 13.33 | 150 | 358 | Horizontal |
| 2 | 5136.79 | 58.88 | 15.41 | 74.00 | 15.12 | 150 | 14 | Horizontal |
| 3 | 5147.36 | 61.86 | 15.50 | 74.00 | 12.14 | 150 | 68 | Horizontal |
| 4 | 5150.00 | 41.75 | 15.52 | 0.00 | -41.75 | 150 | 360 | Horizontal |
| 5 | 5190.00 | 84.11 | 15.58 | 0.00 | -84.11 | 150 | 14 | Horizontal |
| 6 | 5190.00 | 96.43 | 15.58 | 0.00 | -96.43 | 150 | 14 | Horizontal |

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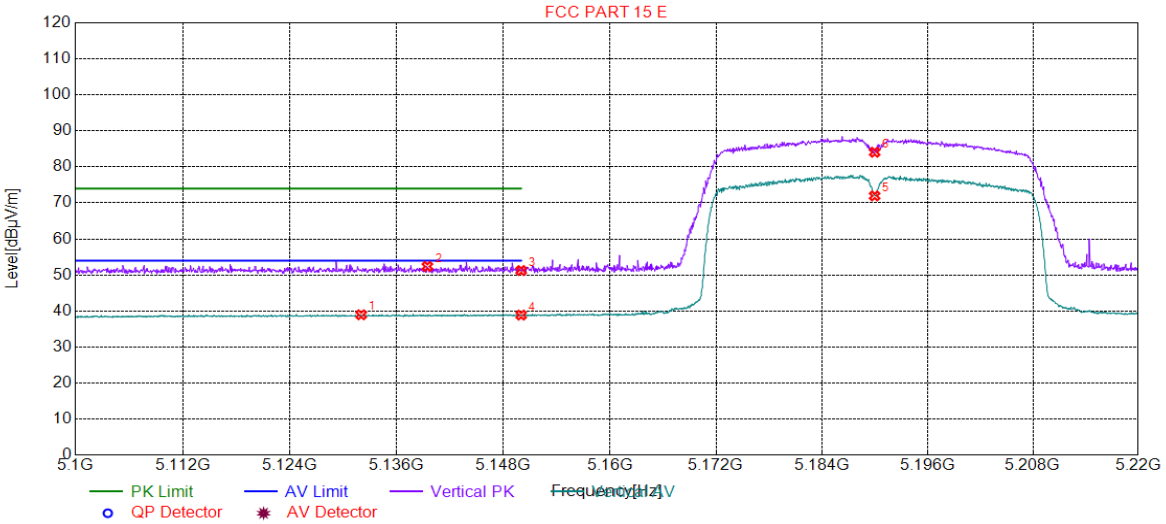
### 4.10.1.38 11N40_38 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5131.99 | 38.95 | 15.37 | 54.00 | 15.05 | 150 | 346 | Vertical |
| 2 | 5139.43 | 52.35 | 15.43 | 74.00 | 21.65 | 150 | 293 | Vertical |
| 3 | 5150.00 | 51.23 | 15.52 | 0.00 | -51.23 | 150 | 234 | Vertical |
| 4 | 5150.00 | 38.87 | 15.52 | 0.00 | -38.87 | 150 | 64 | Vertical |
| 5 | 5190.00 | 71.95 | 15.58 | 0.00 | -71.95 | 150 | 15 | Vertical |
| 6 | 5190.00 | 84.06 | 15.58 | 0.00 | -84.06 | 150 | 9 | Vertical |

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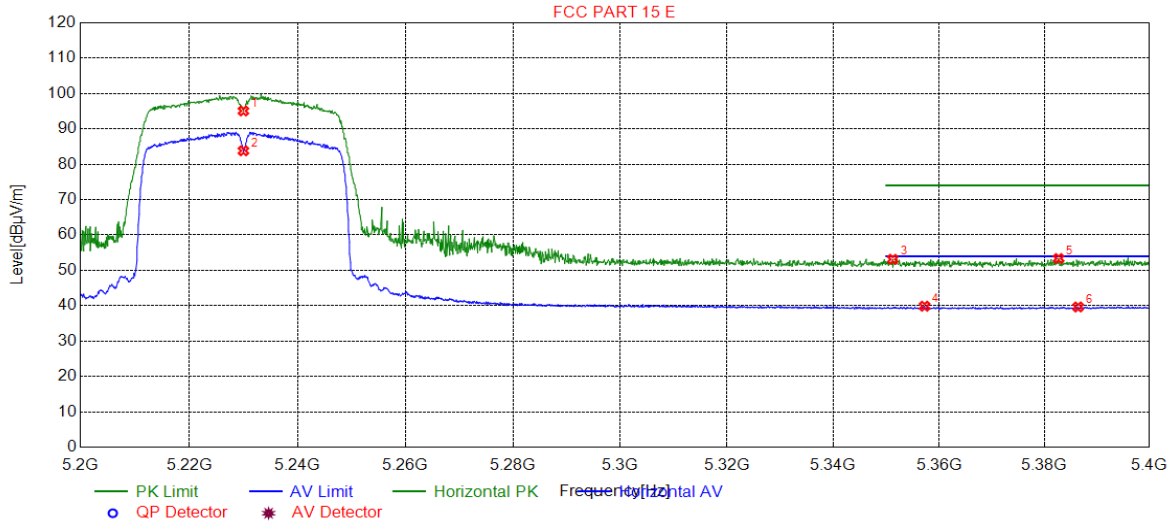
### 4.10.1.39 11N40_46 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.00 | 95.07 | 15.51 | 0.00 | -95.07 | 150 | 50 | Horizontal |
| 2 | 5230.00 | 83.80 | 15.51 | 0.00 | -83.80 | 150 | 16 | Horizontal |
| 3 | 5351.27 | 53.13 | 15.95 | 74.00 | 20.87 | 150 | 344 | Horizontal |
| 4 | 5357.27 | 39.87 | 15.99 | 54.00 | 14.13 | 150 | 16 | Horizontal |
| 5 | 5382.69 | 53.35 | 16.14 | 74.00 | 20.65 | 150 | 36 | Horizontal |
| 6 | 5386.39 | 39.65 | 16.17 | 54.00 | 14.35 | 150 | 168 | Horizontal |

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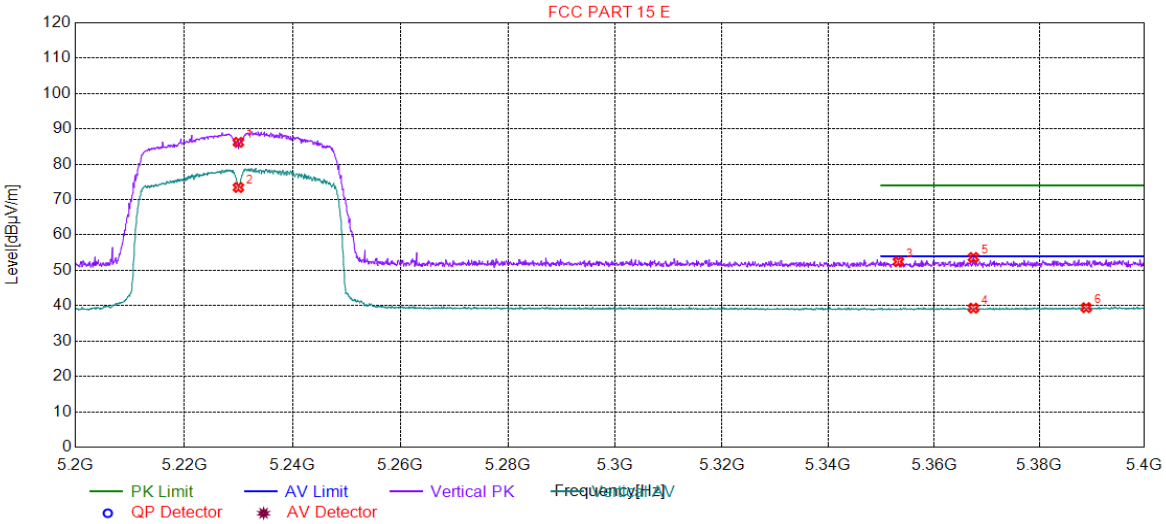
## 4.10.1.40 11N40_46 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.00 | 86.21 | 15.51 | 0.00 | -86.21 | 150 | 78 | Vertical |
| 2 | 5230.00 | 73.43 | 15.51 | 0.00 | -73.43 | 150 | 207 | Vertical |
| 3 | 5353.27 | 52.45 | 15.96 | 74.00 | 21.55 | 150 | 30 | Vertical |
| 4 | 5367.48 | 39.32 | 16.05 | 54.00 | 14.68 | 150 | 84 | Vertical |
| 5 | 5367.48 | 53.65 | 16.05 | 74.00 | 20.35 | 150 | 324 | Vertical |
| 6 | 5388.89 | 39.46 | 16.18 | 54.00 | 14.54 | 150 | 180 | Vertical |

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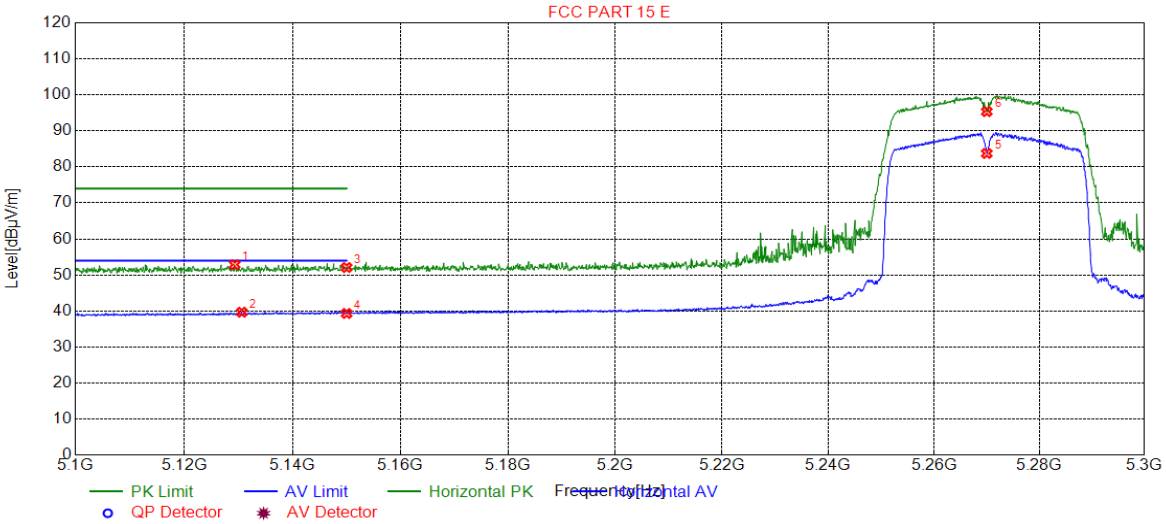
### 4.10.1.41 11N40_54 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5129.31 | 52.85 | 15.34 | 74.00 | 21.15 | 150 | 35 | Horizontal |
| 2 | 5130.61 | 39.67 | 15.35 | 54.00 | 14.33 | 150 | 16 | Horizontal |
| 3 | 5150.00 | 52.07 | 15.52 | 0.00 | -52.07 | 150 | 22 | Horizontal |
| 4 | 5150.00 | 39.32 | 15.52 | 0.00 | -39.32 | 150 | 63 | Horizontal |
| 5 | 5270.00 | 83.73 | 15.56 | 0.00 | -83.73 | 150 | 29 | Horizontal |
| 6 | 5270.00 | 95.35 | 15.56 | 0.00 | -95.35 | 150 | 29 | Horizontal |

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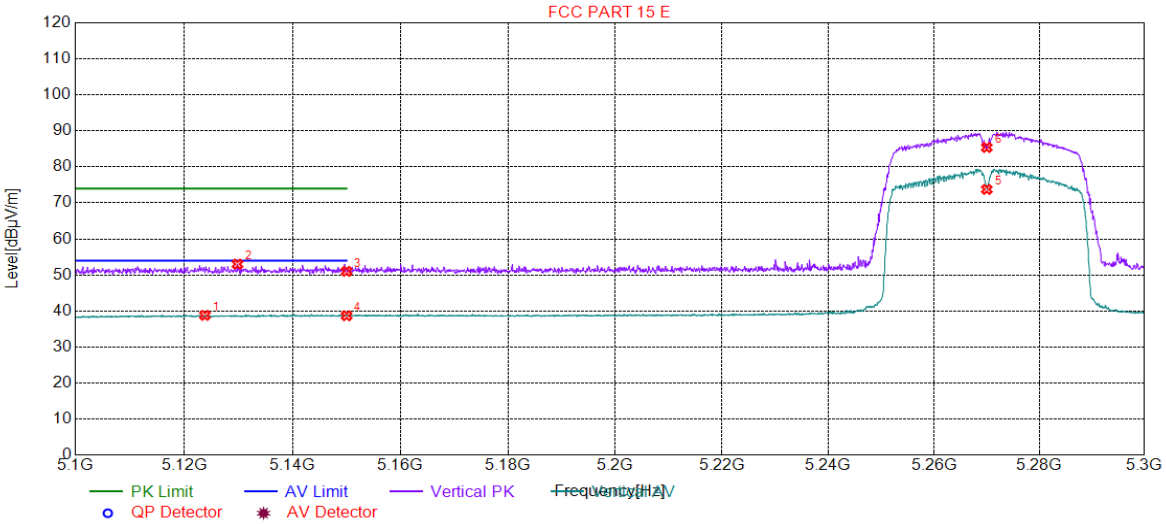
### 4.10.1.42 11N40_54 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5123.81 | 38.79 | 15.29 | 54.00 | 15.21 | 150 | 32 | Vertical |
| 2 | 5129.81 | 53.00 | 15.35 | 74.00 | 21.00 | 150 | 1 | Vertical |
| 3 | 5150.00 | 51.01 | 15.52 | 0.00 | -51.01 | 150 | 133 | Vertical |
| 4 | 5150.00 | 38.68 | 15.52 | 0.00 | -38.68 | 150 | 46 | Vertical |
| 5 | 5270.00 | 73.75 | 15.56 | 0.00 | -73.75 | 150 | 72 | Vertical |
| 6 | 5270.00 | 85.39 | 15.56 | 0.00 | -85.39 | 150 | 202 | Vertical |

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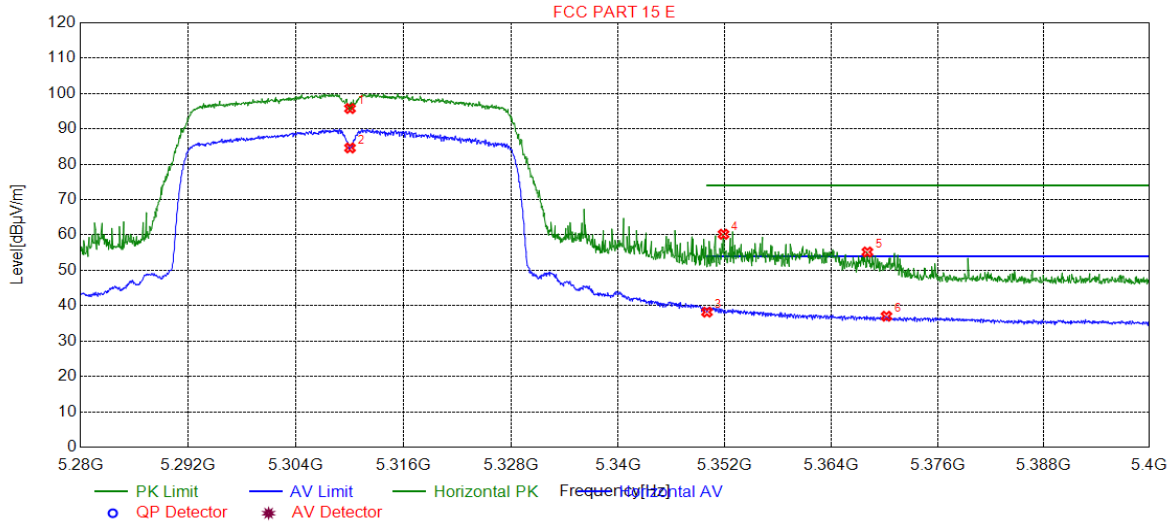
### 4.10.1.43 11N40_62 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.00 | 95.75 | 15.75 | 0.00 | -95.75 | 150 | 23 | Horizontal |
| 2 | 5310.00 | 84.61 | 15.75 | 0.00 | -84.61 | 150 | 23 | Horizontal |
| 3 | 5350.00 | 38.19 | 15.94 | 54.00 | 15.81 | 150 | 16 | Horizontal |
| 4 | 5351.85 | 60.22 | 15.95 | 74.00 | 13.78 | 150 | 36 | Horizontal |
| 5 | 5368.06 | 55.19 | 16.05 | 74.00 | 18.81 | 150 | 23 | Horizontal |
| 6 | 5370.22 | 37.03 | 16.07 | 54.00 | 16.97 | 150 | 16 | Horizontal |

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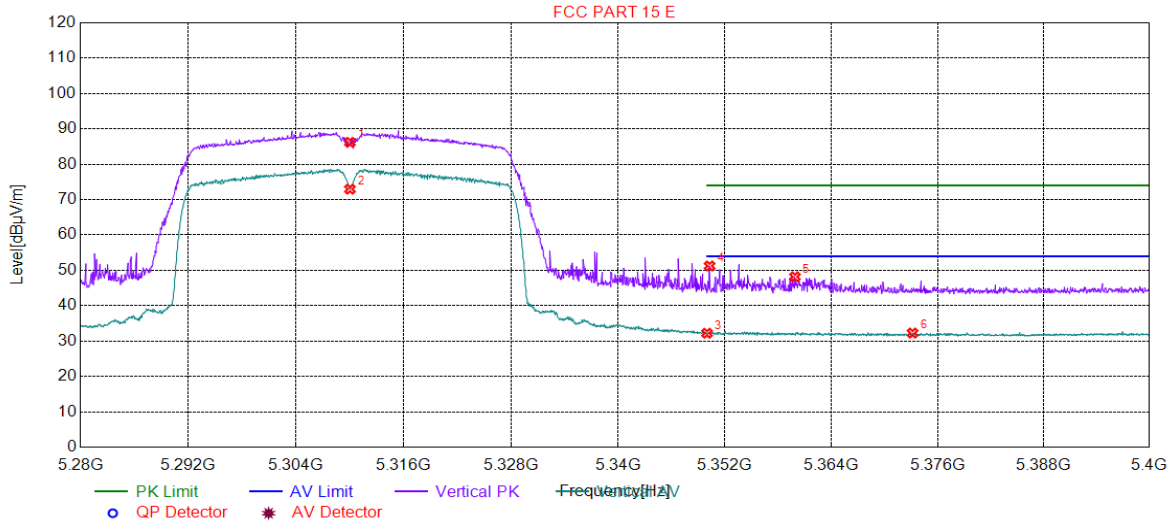
### 4.10.1.44 11N40_62 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.00 | 86.20 | 15.75 | 0.00 | -86.20 | 150 | 209 | Vertical |
| 2 | 5310.00 | 72.96 | 15.75 | 0.00 | -72.96 | 150 | 70 | Vertical |
| 3 | 5350.00 | 32.23 | 15.94 | 54.00 | 21.77 | 150 | 77 | Vertical |
| 4 | 5350.29 | 51.24 | 15.94 | 74.00 | 22.76 | 150 | 119 | Vertical |
| 5 | 5359.90 | 48.17 | 16.00 | 74.00 | 25.83 | 150 | 56 | Vertical |
| 6 | 5373.16 | 32.27 | 16.08 | 54.00 | 21.73 | 150 | 195 | Vertical |

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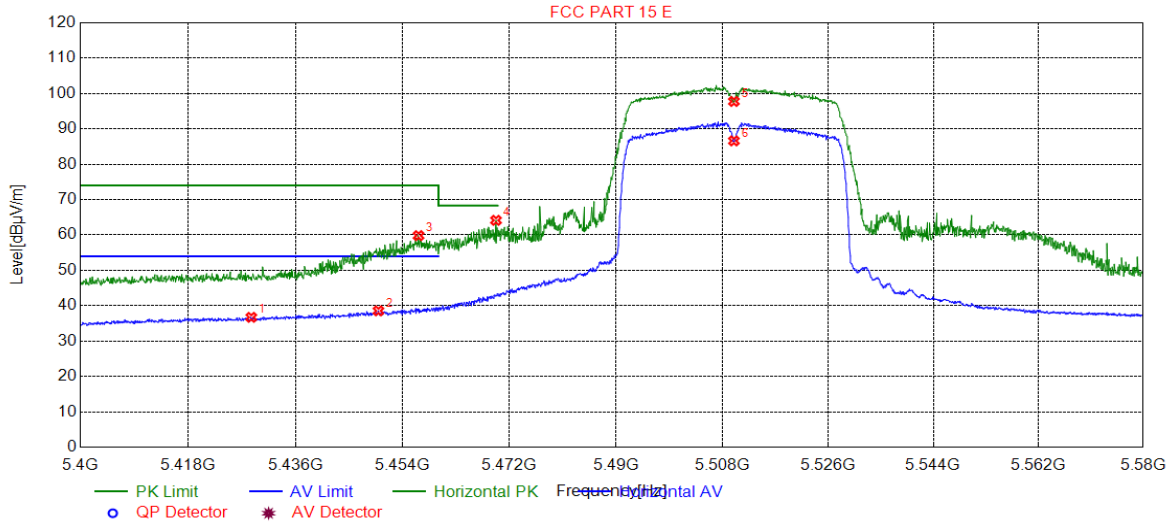
### 4.10.1.45 11N40_102 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5428.54 | 36.72 | 16.25 | 54.00 | 17.28 | 150 | 22 | Horizontal |
| 2 | 5449.88 | 38.55 | 16.25 | 54.00 | 15.45 | 150 | 22 | Horizontal |
| 3 | 5456.63 | 59.82 | 16.25 | 74.00 | 14.18 | 150 | 22 | Horizontal |
| 4 | 5469.69 | 64.15 | 16.25 | 68.30 | 4.15 | 150 | 22 | Horizontal |
| 5 | 5510.00 | 97.76 | 16.28 | 0.00 | -97.76 | 150 | 35 | Horizontal |
| 6 | 5510.00 | 86.61 | 16.28 | 0.00 | -86.61 | 150 | 22 | Horizontal |

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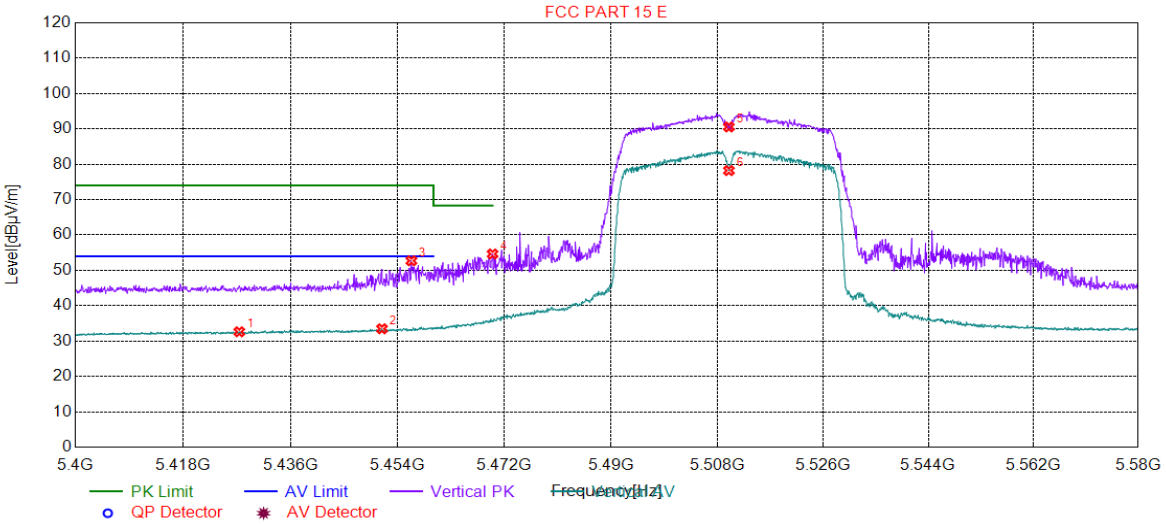
### 4.10.1.46 11N40_102 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5427.37 | 32.63 | 16.25 | 54.00 | 21.37 | 150 | 202 | Vertical |
| 2 | 5451.32 | 33.48 | 16.25 | 54.00 | 20.52 | 150 | 195 | Vertical |
| 3 | 5456.27 | 52.71 | 16.25 | 74.00 | 21.29 | 150 | 195 | Vertical |
| 4 | 5469.96 | 54.64 | 16.25 | 68.30 | 13.66 | 150 | 0 | Vertical |
| 5 | 5510.00 | 90.55 | 16.28 | 0.00 | -90.55 | 150 | 195 | Vertical |
| 6 | 5510.00 | 78.21 | 16.28 | 0.00 | -78.21 | 150 | 195 | Vertical |

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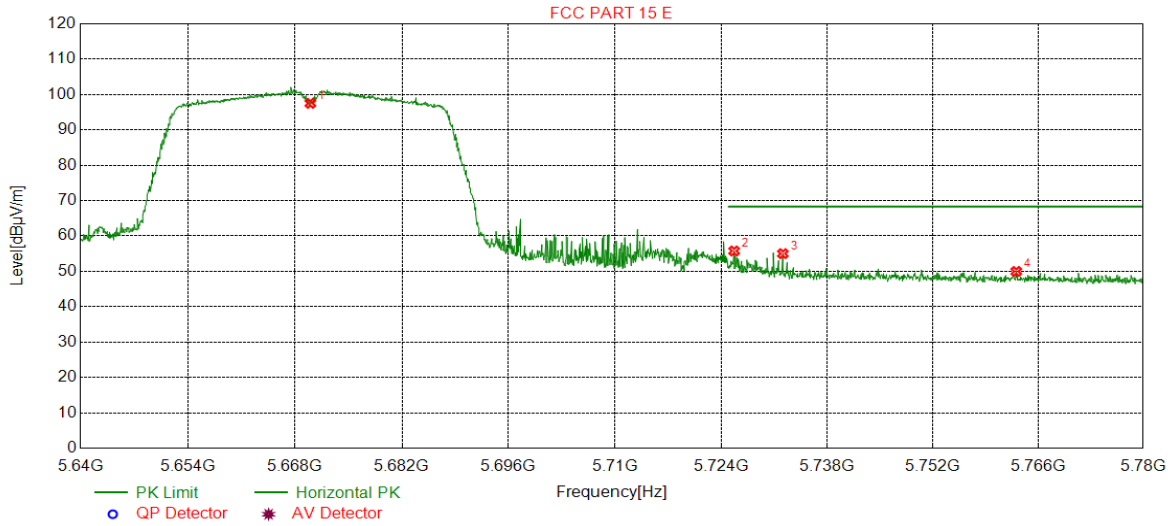
### 4.10.1.47 11N40_134 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.00 | 97.52 | 16.64 | 0.00 | -97.52 | 150 | 29 | Horizontal |
| 2 | 5725.72 | 55.76 | 16.96 | 68.30 | 12.54 | 150 | 29 | Horizontal |
| 3 | 5732.16 | 55.01 | 17.01 | 68.30 | 13.29 | 150 | 46 | Horizontal |
| 4 | 5763.12 | 49.97 | 17.14 | 68.30 | 18.33 | 150 | 29 | Horizontal |

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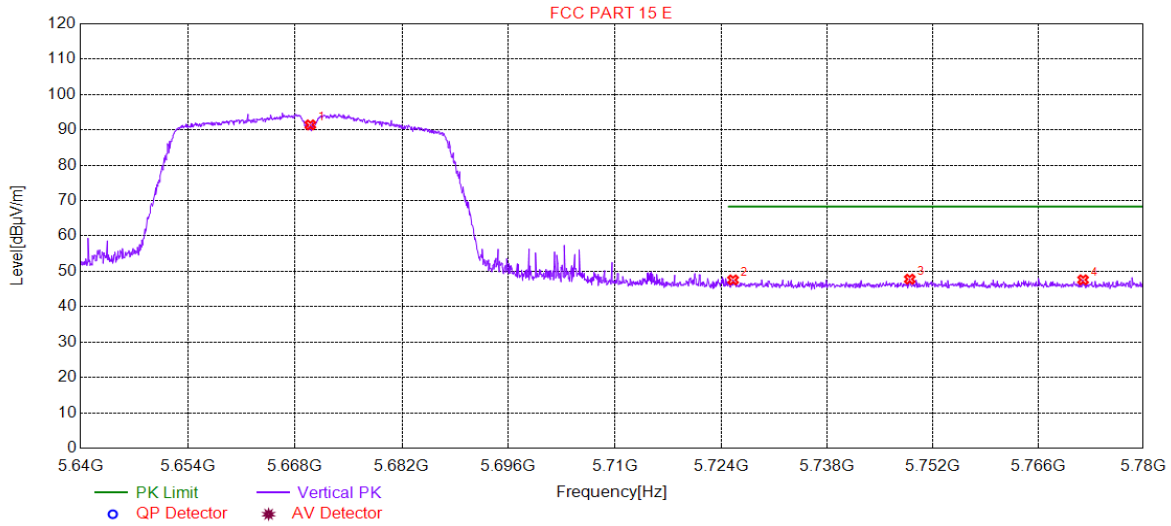
### 4.10.1.48 11N40_134 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.00 | 91.41 | 16.64 | 0.00 | -91.41 | 150 | 250 | Vertical |
| 2 | 5725.58 | 47.58 | 16.96 | 68.30 | 20.72 | 150 | 218 | Vertical |
| 3 | 5748.97 | 47.79 | 17.11 | 68.30 | 20.51 | 150 | 222 | Vertical |
| 4 | 5772.01 | 47.61 | 17.15 | 68.30 | 20.69 | 150 | 218 | Vertical |

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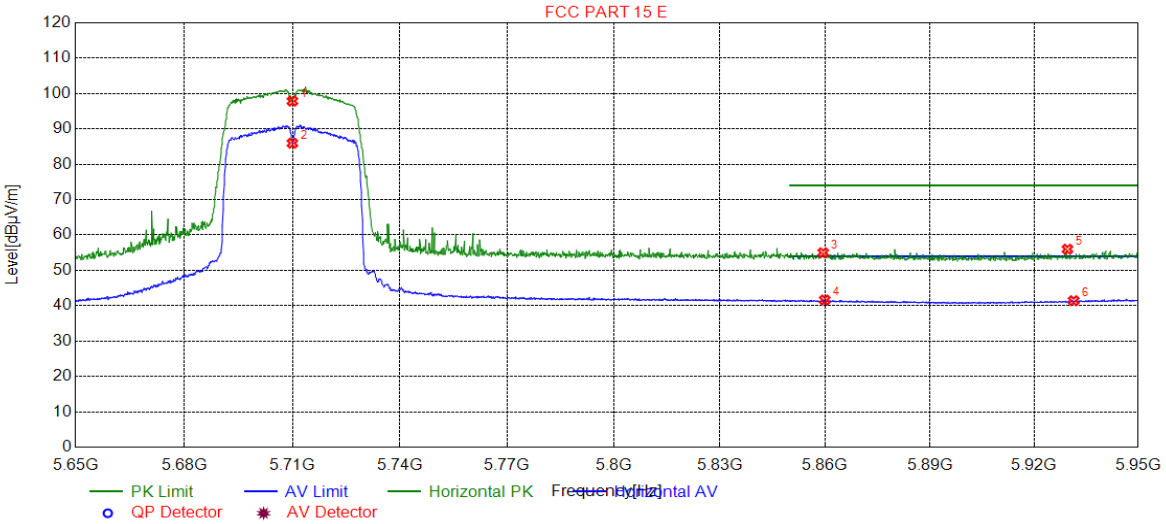
### 4.10.1.49 11N40_142 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5710.00 | 97.86 | 16.86 | 0.00 | -97.86 | 150 | 30 | Horizontal |
| 2 | 5710.00 | 85.95 | 16.86 | 0.00 | -85.95 | 150 | 23 | Horizontal |
| 3 | 5859.50 | 54.98 | 17.23 | 74.00 | 19.02 | 150 | 77 | Horizontal |
| 4 | 5859.95 | 41.62 | 17.23 | 54.00 | 12.38 | 150 | 30 | Horizontal |
| 5 | 5929.58 | 55.99 | 17.57 | 74.00 | 18.01 | 150 | 235 | Horizontal |
| 6 | 5931.39 | 41.42 | 17.59 | 54.00 | 12.58 | 150 | 228 | Horizontal |

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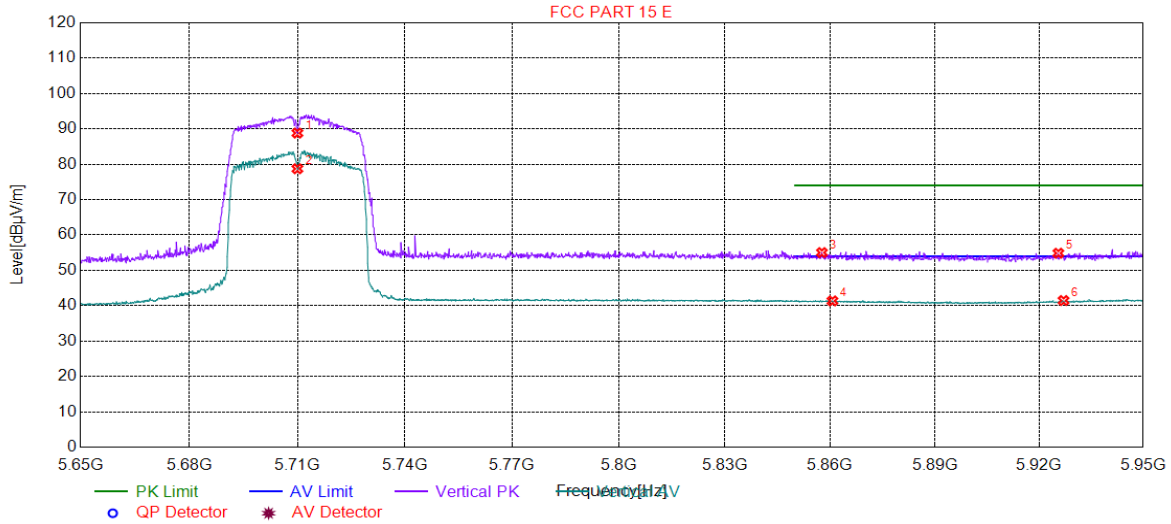
## 4.10.1.50 11N40_142 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5710.00 | 88.81 | 16.86 | 0.00 | -88.81 | 150 | 206 | Vertical |
| 2 | 5710.00 | 78.72 | 16.86 | 0.00 | -78.72 | 150 | 192 | Vertical |
| 3 | 5857.70 | 55.02 | 17.24 | 74.00 | 18.98 | 150 | 179 | Vertical |
| 4 | 5860.70 | 41.36 | 17.23 | 54.00 | 12.64 | 150 | 186 | Vertical |
| 5 | 5925.53 | 54.85 | 17.50 | 74.00 | 19.15 | 150 | 165 | Vertical |
| 6 | 5927.03 | 41.47 | 17.53 | 54.00 | 12.53 | 150 | 22 | Vertical |

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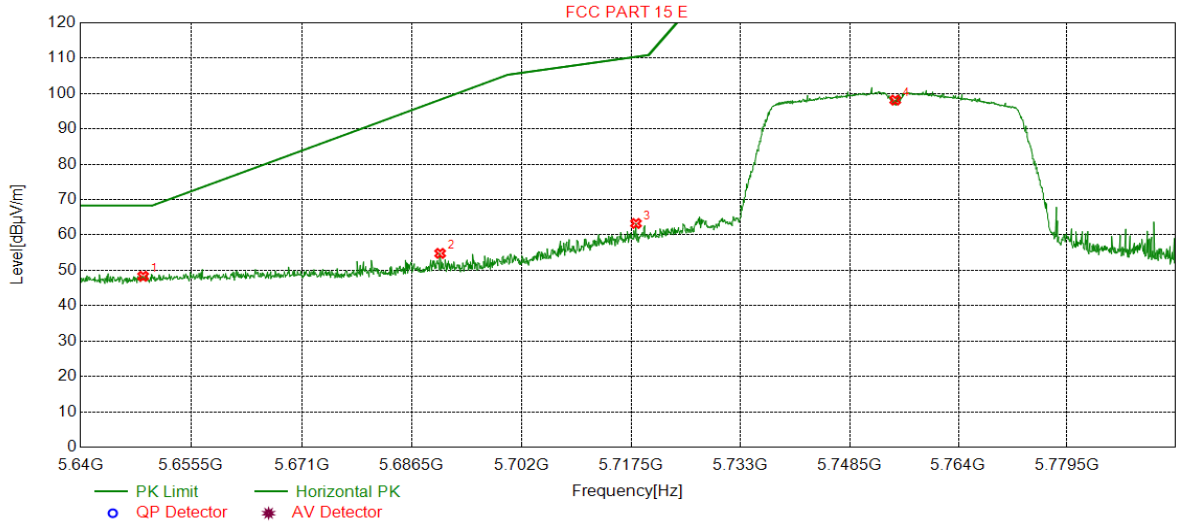
### 4.10.1.51 11N40_151 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5648.76 | 48.33 | 16.53 | 68.30 | 19.97 | 150 | 2 | Horizontal |
| 2 | 5690.47 | 54.80 | 16.75 | 98.25 | 43.45 | 150 | 2 | Horizontal |
| 3 | 5718.15 | 63.26 | 16.92 | 110.38 | 47.12 | 150 | 2 | Horizontal |
| 4 | 5755.00 | 98.14 | 17.13 | 0.00 | -98.14 | 150 | 2 | Horizontal |

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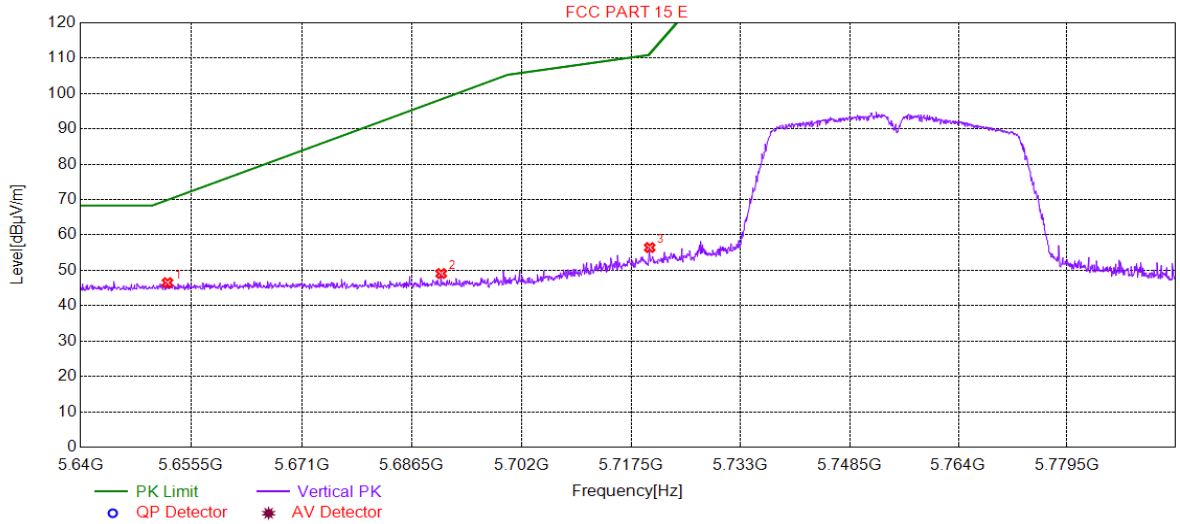
### 4.10.1.52 11N40_151 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5652.17 | 46.52 | 16.54 | 69.91 | 23.39 | 150 | 172 | Vertical |
| 2 | 5690.63 | 49.10 | 16.75 | 98.37 | 49.27 | 150 | 56 | Vertical |
| 3 | 5720.09 | 56.45 | 16.93 | 111.12 | 54.67 | 150 | 252 | Vertical |

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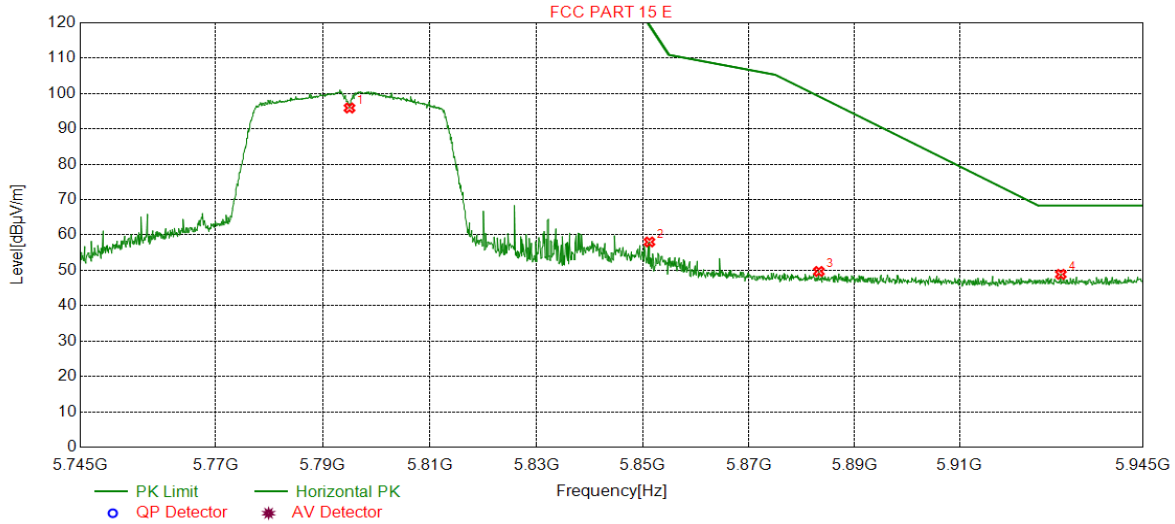
### 4.10.1.53 11N40_159 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.00 | 95.91 | 17.18 | 0.00 | -95.91 | 150 | 218 | Horizontal |
| 2 | 5851.25 | 58.03 | 17.26 | 119.44 | 61.41 | 150 | 8 | Horizontal |
| 3 | 5883.26 | 49.69 | 17.16 | 99.18 | 49.49 | 150 | 0 | Horizontal |
| 4 | 5929.29 | 48.88 | 17.56 | 68.30 | 19.42 | 150 | 8 | Horizontal |

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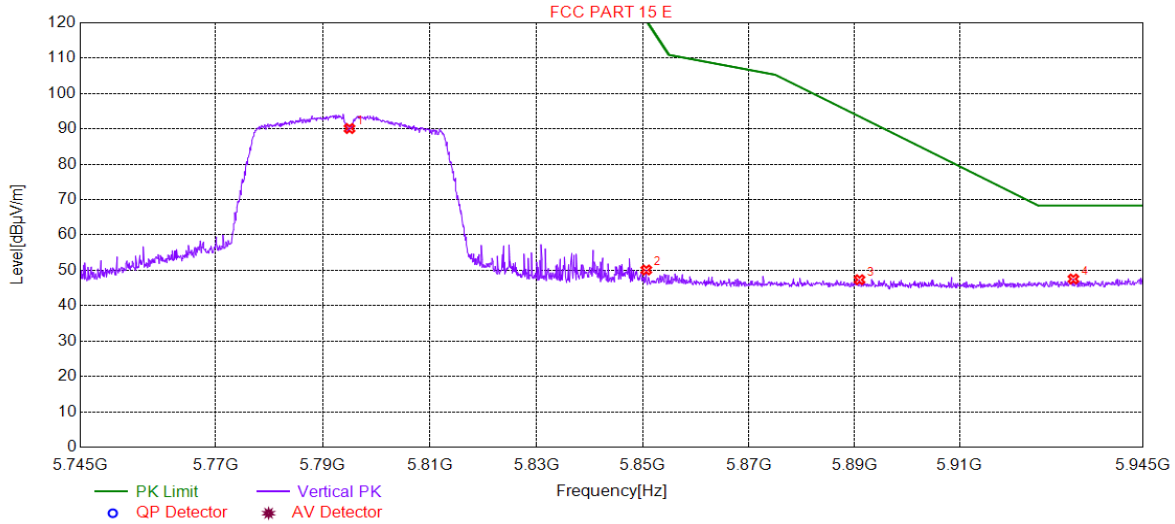
### 4.10.1.54 11N40_159 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.00 | 90.10 | 17.18 | 0.00 | -90.10 | 150 | 210 | Vertical |
| 2 | 5850.65 | 50.11 | 17.26 | 120.81 | 70.70 | 150 | 215 | Vertical |
| 3 | 5890.97 | 47.35 | 17.14 | 93.48 | 46.13 | 150 | 243 | Vertical |
| 4 | 5931.69 | 47.56 | 17.60 | 68.30 | 20.74 | 150 | 46 | Vertical |

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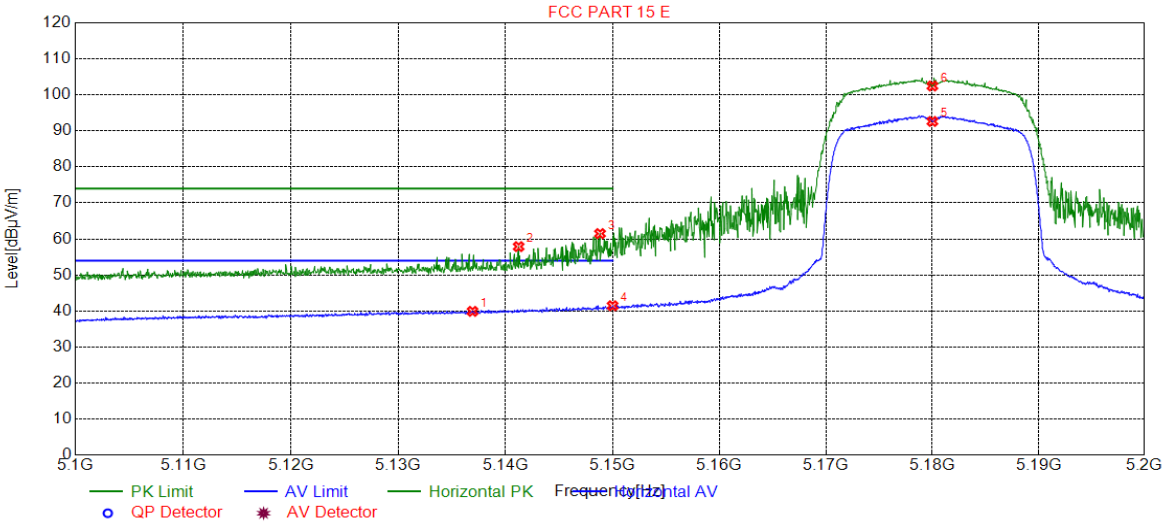
### 4.10.1.55 11AC20_36 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5136.91 | 39.90 | 15.41 | 54.00 | 14.10 | 150 | 346 | Horizontal |
| 2 | 5141.22 | 57.87 | 15.44 | 74.00 | 16.13 | 150 | 2 | Horizontal |
| 3 | 5148.82 | 61.48 | 15.51 | 74.00 | 12.52 | 150 | 0 | Horizontal |
| 4 | 5150.00 | 41.46 | 15.52 | 0.00 | -41.46 | 150 | 346 | Horizontal |
| 5 | 5180.00 | 92.62 | 15.56 | 0.00 | -92.62 | 150 | 346 | Horizontal |
| 6 | 5180.00 | 102.45 | 15.56 | 0.00 | -102.45 | 150 | 0 | Horizontal |

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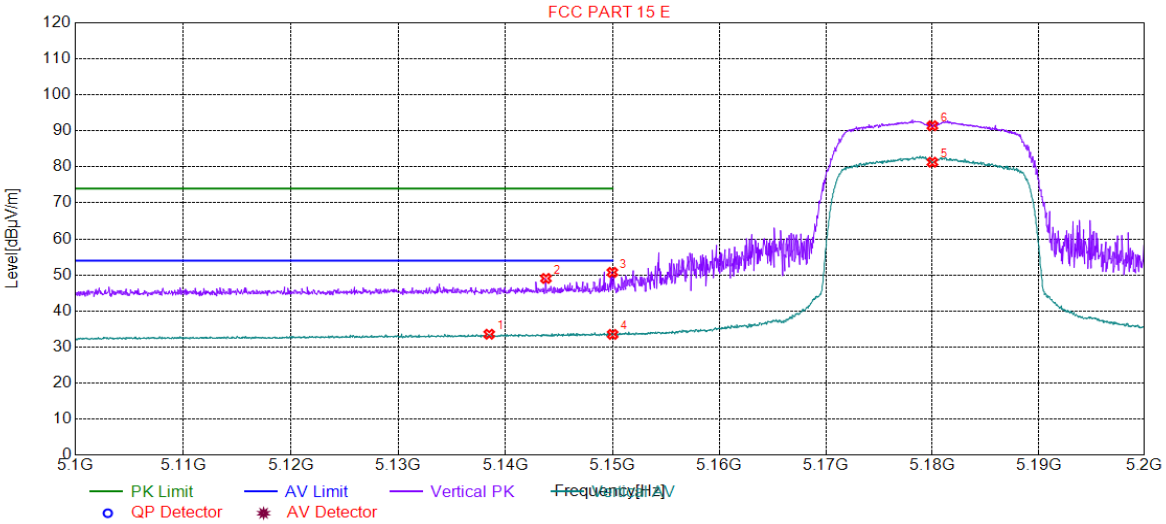
### 4.10.1.56 11AC20_36 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5138.46 | 33.55 | 15.42 | 54.00 | 20.45 | 150 | 61 | Vertical |
| 2 | 5143.77 | 49.03 | 15.47 | 74.00 | 24.97 | 150 | 50 | Vertical |
| 3 | 5149.97 | 50.72 | 15.52 | 74.00 | 23.28 | 150 | 61 | Vertical |
| 4 | 5150.00 | 33.51 | 15.52 | 0.00 | -33.51 | 150 | 45 | Vertical |
| 5 | 5180.00 | 81.30 | 15.56 | 0.00 | -81.30 | 150 | 72 | Vertical |
| 6 | 5180.00 | 91.42 | 15.56 | 0.00 | -91.42 | 150 | 61 | Vertical |

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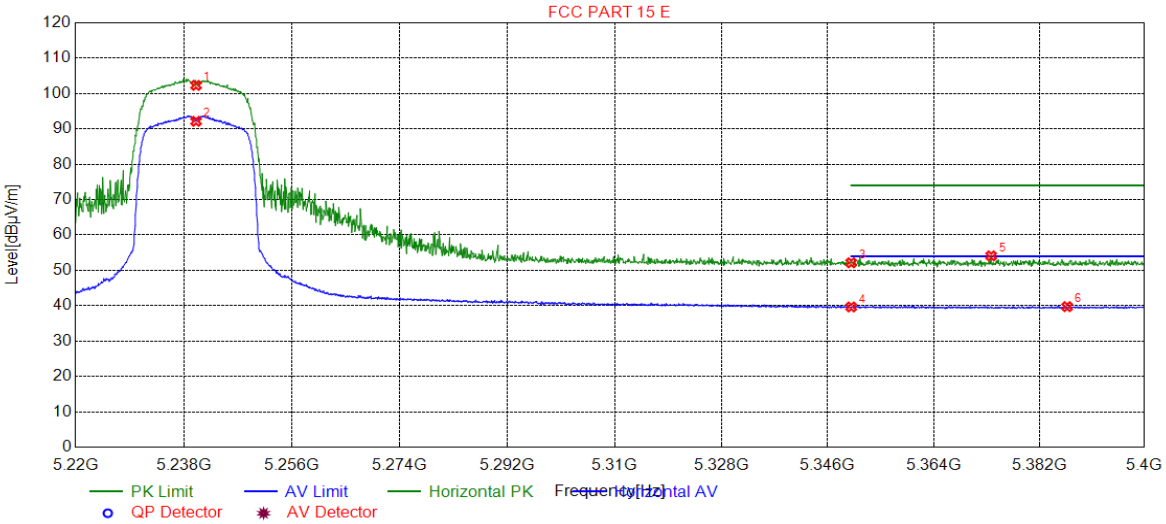
### 4.10.1.57 11AC20_48 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.00 | 102.30 | 15.49 | 0.00 | -102.30 | 150 | 5 | Horizontal |
| 2 | 5240.00 | 92.14 | 15.49 | 0.00 | -92.14 | 150 | 1 | Horizontal |
| 3 | 5350.00 | 52.14 | 15.94 | 74.00 | 21.86 | 150 | 344 | Horizontal |
| 4 | 5350.00 | 39.66 | 15.94 | 54.00 | 14.34 | 150 | 344 | Horizontal |
| 5 | 5373.79 | 54.10 | 16.09 | 74.00 | 19.90 | 150 | 60 | Horizontal |
| 6 | 5386.76 | 39.74 | 16.17 | 54.00 | 14.26 | 150 | 344 | Horizontal |

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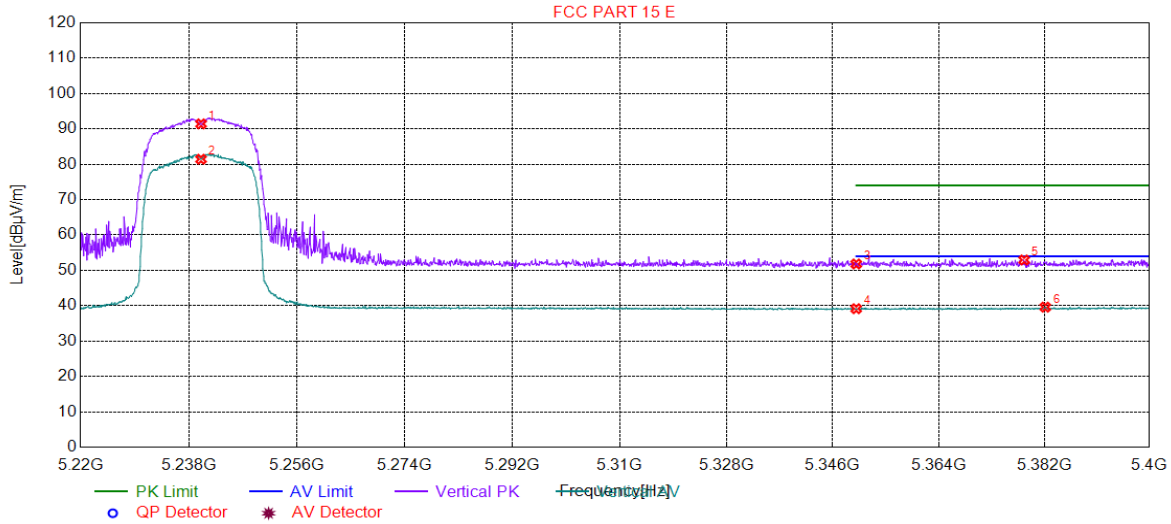
### 4.10.1.58 11AC20_48 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5240.00 | 91.41 | 15.49 | 0.00 | -91.41 | 150 | 193 | Vertical |
| 2 | 5240.00 | 81.42 | 15.49 | 0.00 | -81.42 | 150 | 200 | Vertical |
| 3 | 5350.00 | 51.80 | 15.94 | 74.00 | 22.20 | 150 | 35 | Vertical |
| 4 | 5350.00 | 39.16 | 15.94 | 54.00 | 14.84 | 150 | 344 | Vertical |
| 5 | 5378.56 | 52.93 | 16.12 | 74.00 | 21.07 | 150 | 193 | Vertical |
| 6 | 5382.17 | 39.60 | 16.14 | 54.00 | 14.40 | 150 | 104 | Vertical |

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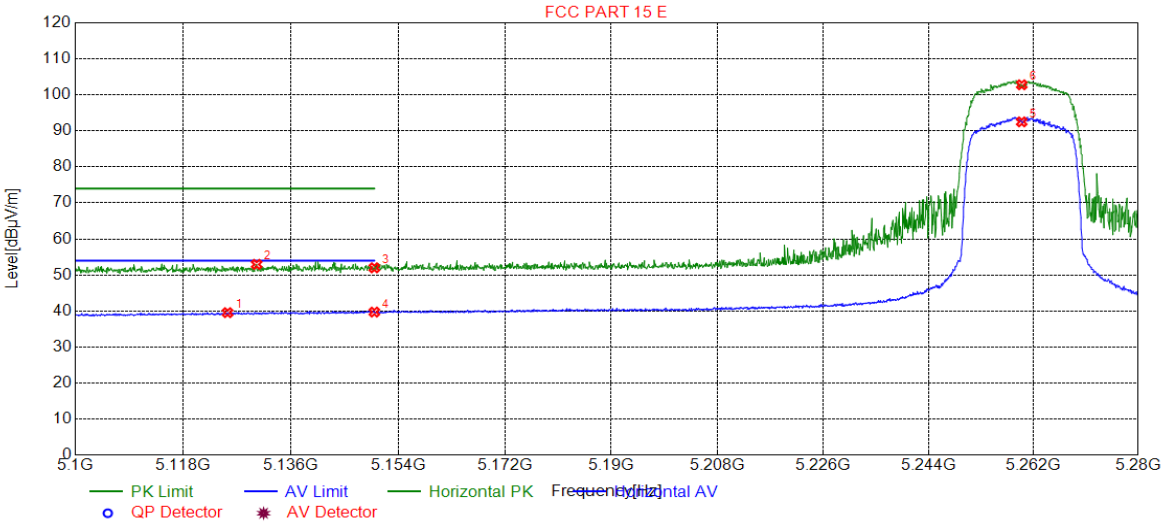
### 4.10.1.59 11AC20_52 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5125.39 | 39.54 | 15.31 | 54.00 | 14.46 | 150 | 36 | Horizontal |
| 2 | 5130.25 | 52.94 | 15.35 | 74.00 | 21.06 | 150 | 3 | Horizontal |
| 3 | 5150.00 | 51.98 | 15.52 | 0.00 | -51.98 | 150 | 345 | Horizontal |
| 4 | 5150.00 | 39.70 | 15.52 | 0.00 | -39.70 | 150 | 0 | Horizontal |
| 5 | 5260.00 | 92.50 | 15.51 | 0.00 | -92.50 | 150 | 9 | Horizontal |
| 6 | 5260.00 | 102.79 | 15.51 | 0.00 | -102.79 | 150 | 3 | Horizontal |

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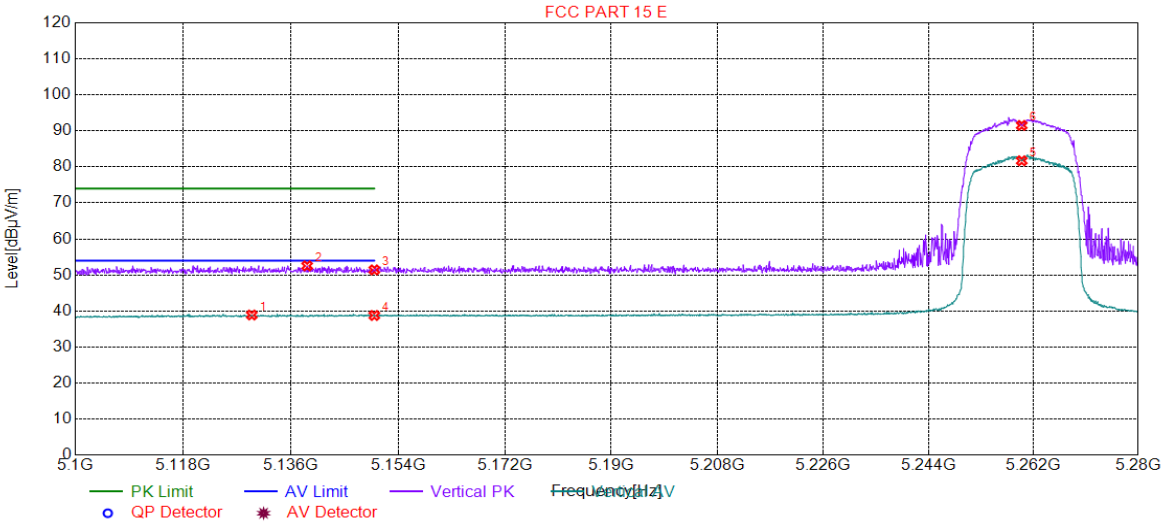
## 4.10.1.60 11AC20_52 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5129.44 | 38.89 | 15.34 | 54.00 | 15.11 | 150 | 293 | Vertical |
| 2 | 5138.71 | 52.52 | 15.42 | 74.00 | 21.48 | 150 | 22 | Vertical |
| 3 | 5150.00 | 51.41 | 15.52 | 0.00 | -51.41 | 150 | 28 | Vertical |
| 4 | 5150.00 | 38.76 | 15.52 | 0.00 | -38.76 | 150 | 48 | Vertical |
| 5 | 5260.00 | 81.70 | 15.51 | 0.00 | -81.70 | 150 | 204 | Vertical |
| 6 | 5260.00 | 91.52 | 15.51 | 0.00 | -91.52 | 150 | 204 | Vertical |

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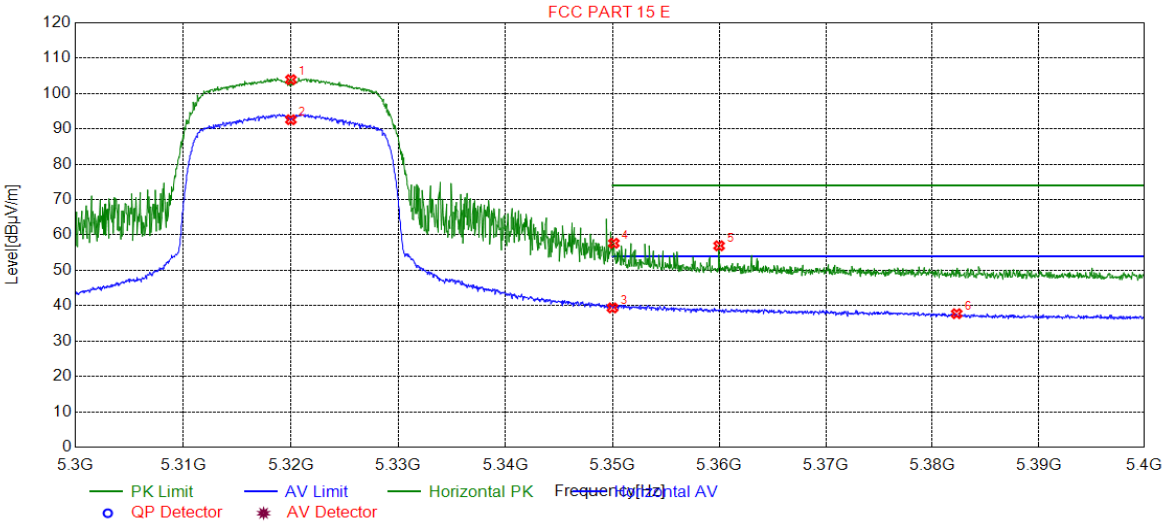
### 4.10.1.61 11AC20_64 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.00 | 103.93 | 15.80 | 0.00 | -103.93 | 150 | 16 | Horizontal |
| 2 | 5320.00 | 92.59 | 15.80 | 0.00 | -92.59 | 150 | 23 | Horizontal |
| 3 | 5350.00 | 39.39 | 15.94 | 54.00 | 14.61 | 150 | 10 | Horizontal |
| 4 | 5350.12 | 57.66 | 15.94 | 74.00 | 16.34 | 150 | 219 | Horizontal |
| 5 | 5359.98 | 56.94 | 16.00 | 74.00 | 17.06 | 150 | 344 | Horizontal |
| 6 | 5382.29 | 37.75 | 16.14 | 54.00 | 16.25 | 150 | 16 | Horizontal |

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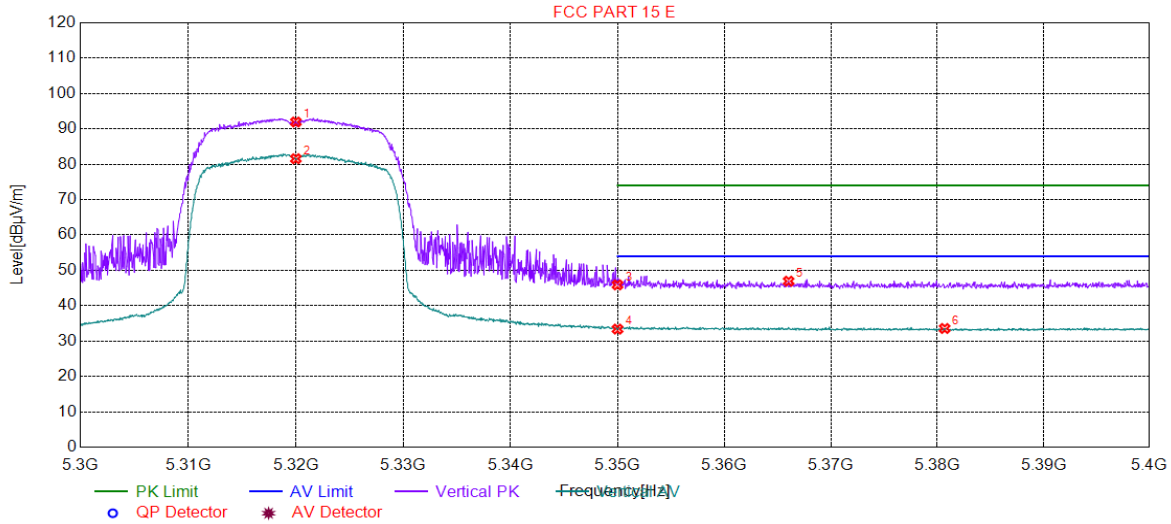
### 4.10.1.62 11AC20_64 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5320.00 | 91.95 | 15.80 | 0.00 | -91.95 | 150 | 212 | Vertical |
| 2 | 5320.00 | 81.56 | 15.80 | 0.00 | -81.56 | 150 | 90 | Vertical |
| 3 | 5350.00 | 45.89 | 15.94 | 74.00 | 28.11 | 150 | 131 | Vertical |
| 4 | 5350.00 | 33.39 | 15.94 | 54.00 | 20.61 | 150 | 96 | Vertical |
| 5 | 5366.03 | 46.94 | 16.04 | 74.00 | 27.06 | 150 | 110 | Vertical |
| 6 | 5380.69 | 33.57 | 16.13 | 54.00 | 20.43 | 150 | 90 | Vertical |

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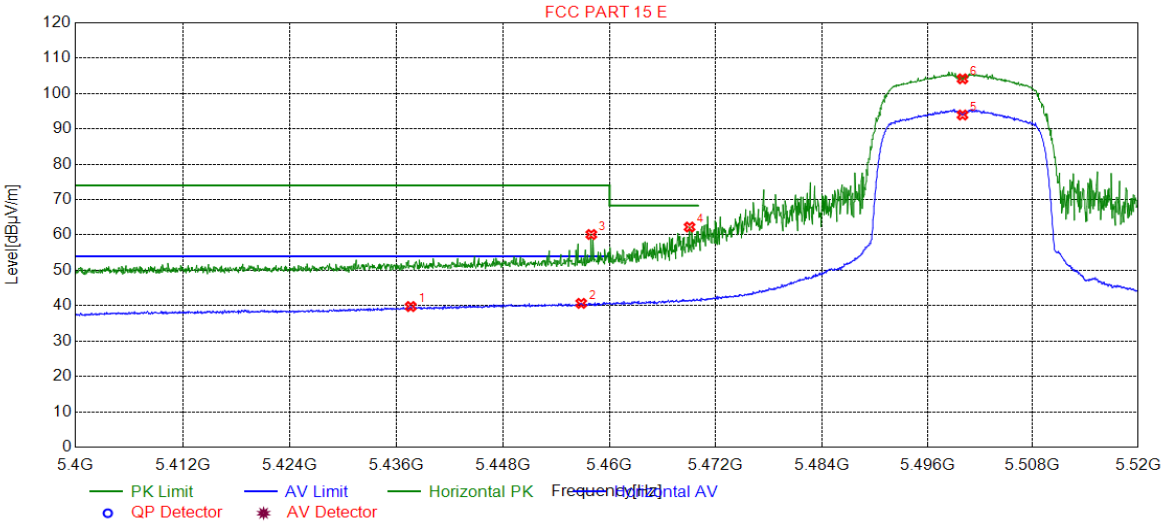
### 4.10.1.63 11AC20_100 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5437.57 | 39.77 | 16.25 | 54.00 | 14.23 | 150 | 3 | Horizontal |
| 2 | 5456.78 | 40.67 | 16.25 | 54.00 | 13.33 | 150 | 3 | Horizontal |
| 3 | 5457.92 | 60.14 | 16.25 | 74.00 | 13.86 | 150 | 14 | Horizontal |
| 4 | 5469.03 | 62.25 | 16.25 | 68.30 | 6.05 | 150 | 41 | Horizontal |
| 5 | 5500.00 | 93.93 | 16.25 | 0.00 | -93.93 | 150 | 14 | Horizontal |
| 6 | 5500.00 | 104.15 | 16.25 | 0.00 | -104.15 | 150 | 14 | Horizontal |

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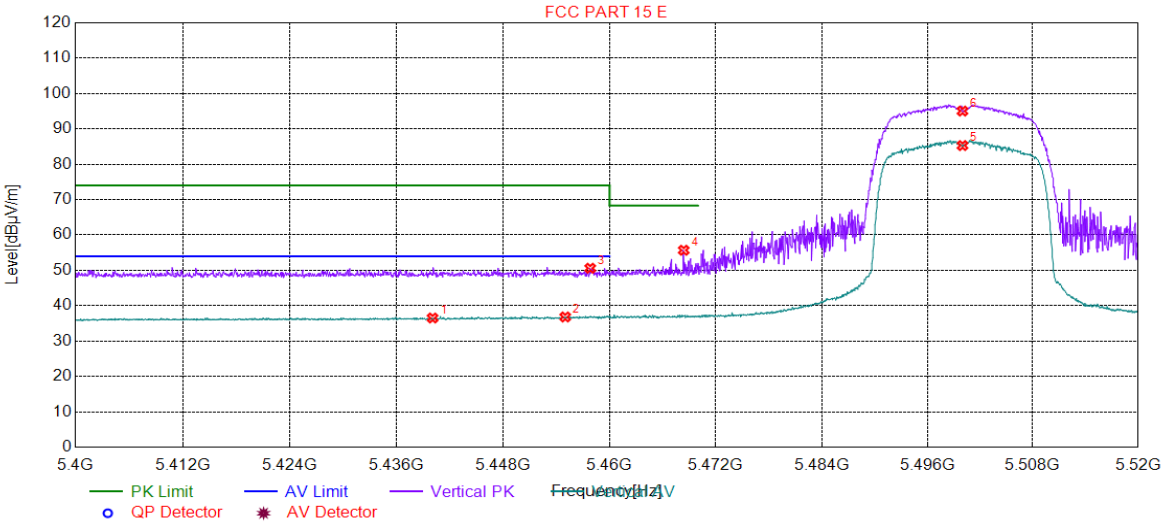
### 4.10.1.64 11AC20_100 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5440.04 | 36.53 | 16.25 | 54.00 | 17.47 | 150 | 73 | Vertical |
| 2 | 5454.98 | 36.82 | 16.25 | 54.00 | 17.18 | 150 | 191 | Vertical |
| 3 | 5457.80 | 50.60 | 16.25 | 74.00 | 23.40 | 150 | 295 | Vertical |
| 4 | 5468.37 | 55.69 | 16.25 | 68.30 | 12.61 | 150 | 94 | Vertical |
| 5 | 5500.00 | 85.29 | 16.25 | 0.00 | -85.29 | 150 | 180 | Vertical |
| 6 | 5500.00 | 95.04 | 16.25 | 0.00 | -95.04 | 150 | 186 | Vertical |

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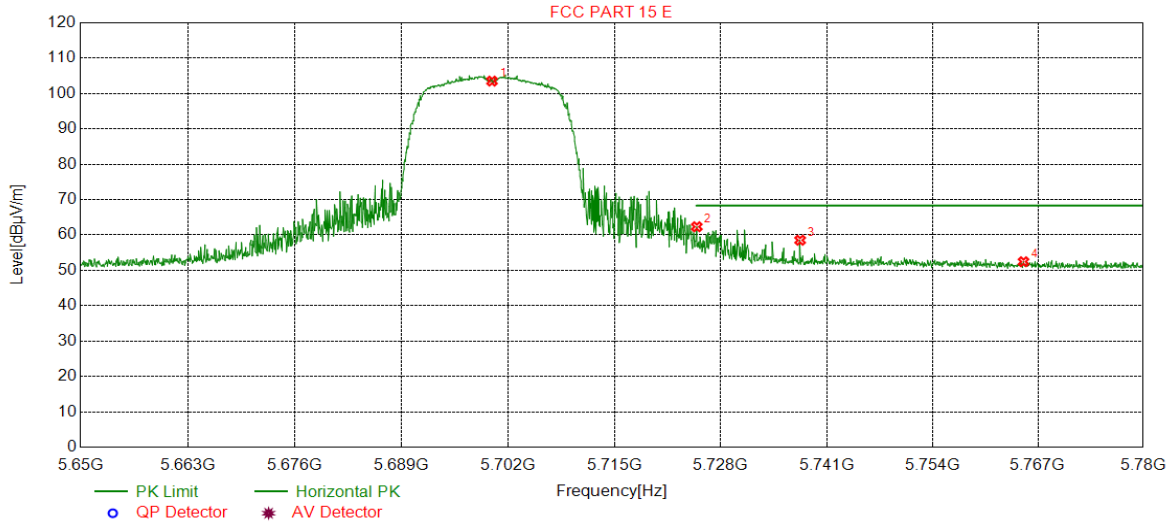
### 4.10.1.65 11AC20_140 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.00 | 103.51 | 16.80 | 0.00 | -103.51 | 150 | 17 | Horizontal |
| 2 | 5725.04 | 62.33 | 16.96 | 68.30 | 5.97 | 150 | 209 | Horizontal |
| 3 | 5737.72 | 58.52 | 17.04 | 68.30 | 9.78 | 150 | 22 | Horizontal |
| 4 | 5765.23 | 52.44 | 17.14 | 68.30 | 15.86 | 150 | 213 | Horizontal |

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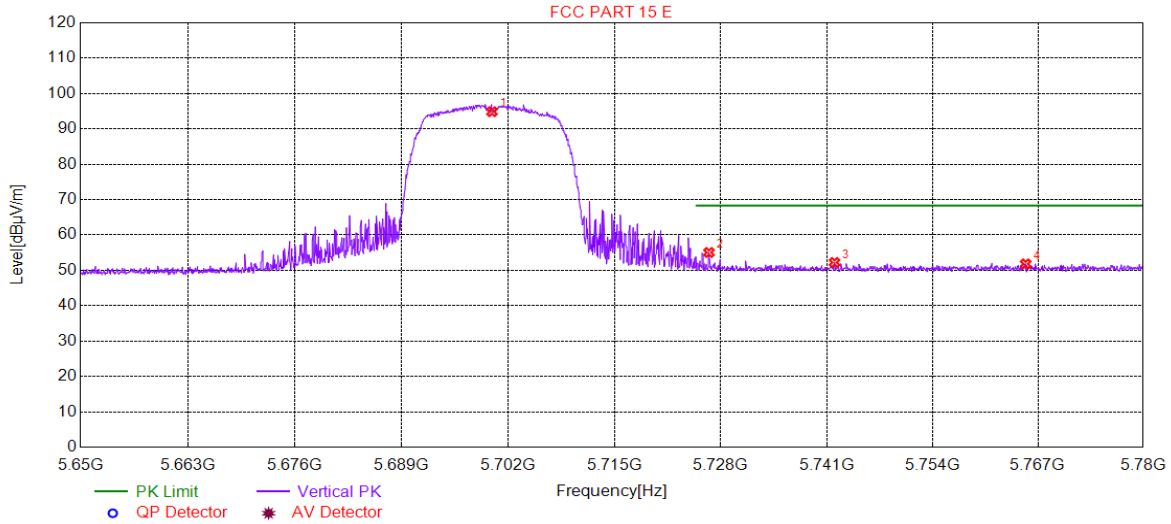
### 4.10.1.66 11AC20_140 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5700.00 | 94.87 | 16.80 | 0.00 | -94.87 | 150 | 185 | Vertical |
| 2 | 5726.54 | 55.06 | 16.97 | 68.30 | 13.24 | 150 | 230 | Vertical |
| 3 | 5741.95 | 52.23 | 17.07 | 68.30 | 16.07 | 150 | 38 | Vertical |
| 4 | 5765.49 | 51.82 | 17.14 | 68.30 | 16.48 | 150 | 15 | Vertical |

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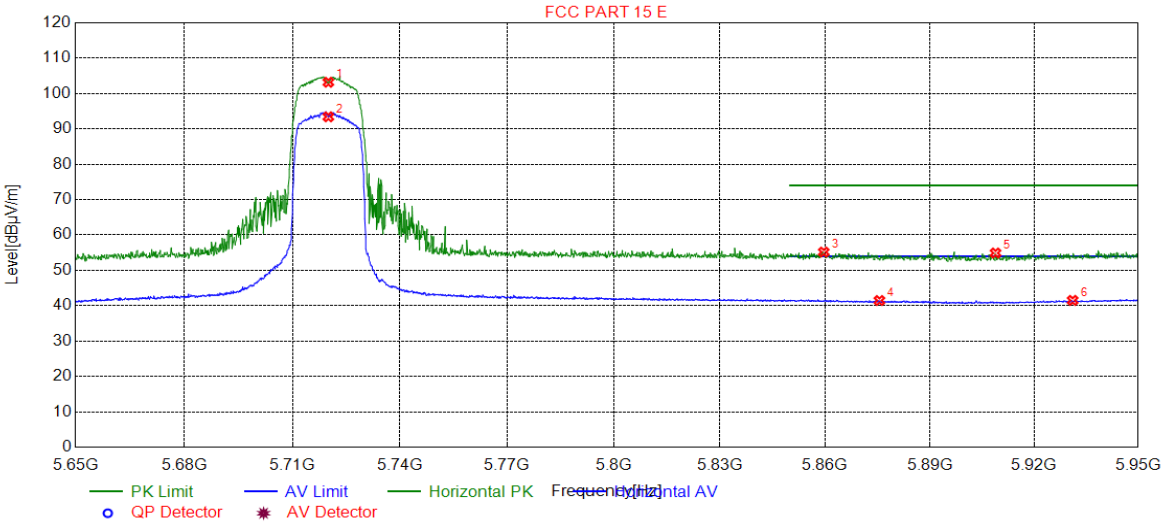
### 4.10.1.67 11AC20_144 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5720.00 | 103.18 | 16.93 | 0.00 | -103.18 | 150 | 5 | Horizontal |
| 2 | 5720.00 | 93.42 | 16.93 | 0.00 | -93.42 | 150 | 12 | Horizontal |
| 3 | 5859.65 | 55.18 | 17.23 | 74.00 | 18.82 | 150 | 223 | Horizontal |
| 4 | 5875.56 | 41.47 | 17.18 | 54.00 | 12.53 | 150 | 344 | Horizontal |
| 5 | 5908.87 | 54.90 | 17.25 | 74.00 | 19.10 | 150 | 80 | Horizontal |
| 6 | 5931.09 | 41.51 | 17.59 | 54.00 | 12.49 | 150 | 40 | Horizontal |

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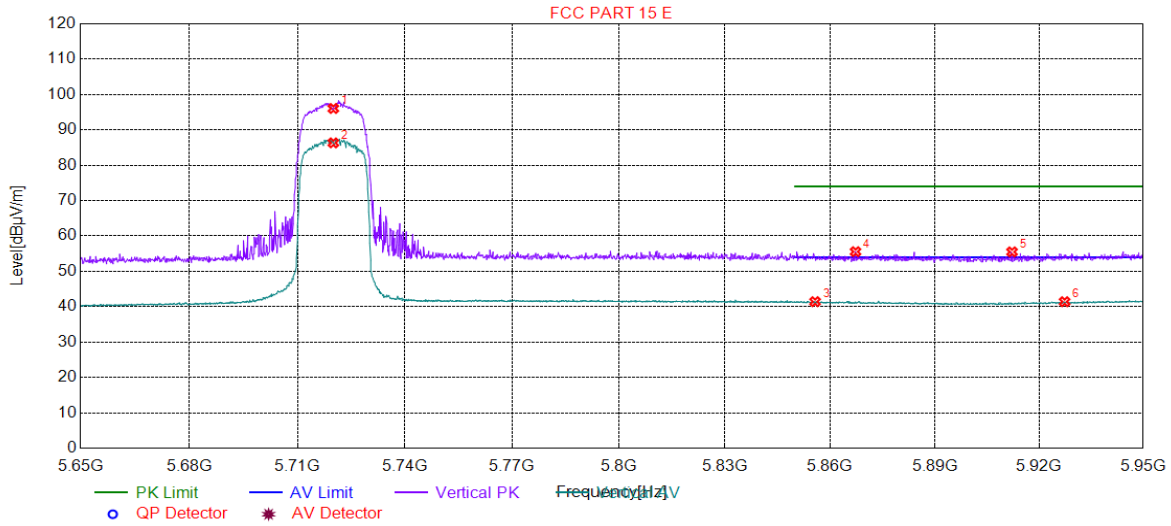
### 4.10.1.68 11AC20_144 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5720.00 | 96.05 | 16.93 | 0.00 | -96.05 | 150 | 218 | Vertical |
| 2 | 5720.00 | 86.33 | 16.93 | 0.00 | -86.33 | 150 | 218 | Vertical |
| 3 | 5855.75 | 41.43 | 17.24 | 54.00 | 12.57 | 150 | 95 | Vertical |
| 4 | 5867.30 | 55.56 | 17.21 | 74.00 | 18.44 | 150 | 298 | Vertical |
| 5 | 5912.18 | 55.50 | 17.30 | 74.00 | 18.50 | 150 | 16 | Vertical |
| 6 | 5927.33 | 41.42 | 17.53 | 54.00 | 12.58 | 150 | 318 | Vertical |

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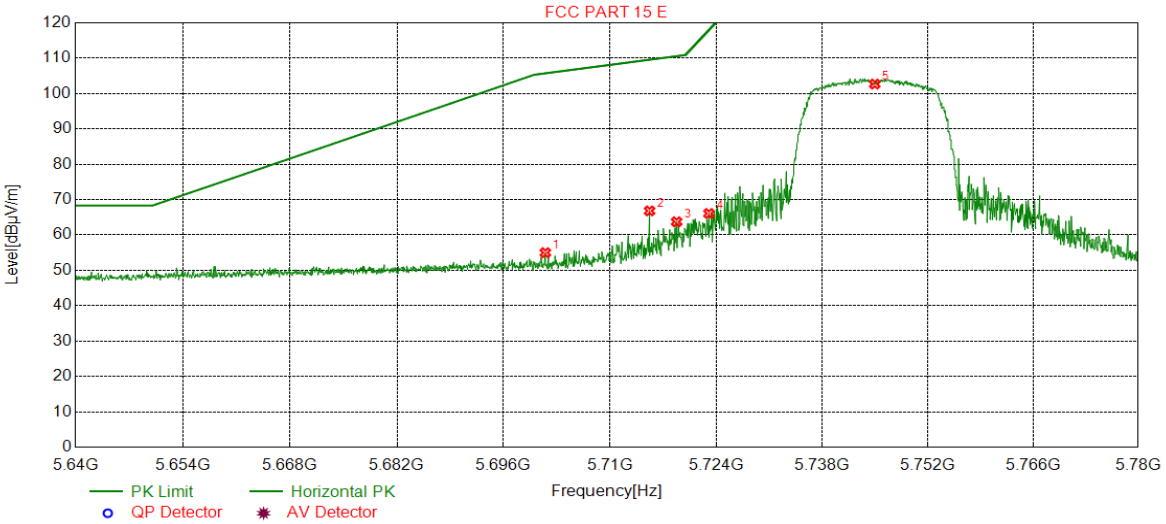
### 4.10.1.69 11AC20_149 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5701.49 | 55.00 | 16.81 | 105.72 | 50.72 | 150 | 0 | Horizontal |
| 2 | 5715.21 | 66.82 | 16.90 | 109.56 | 42.74 | 150 | 32 | Horizontal |
| 3 | 5718.78 | 63.74 | 16.92 | 110.56 | 46.82 | 150 | 202 | Horizontal |
| 4 | 5723.06 | 66.08 | 16.95 | 117.88 | 51.80 | 150 | 0 | Horizontal |
| 5 | 5745.00 | 102.68 | 17.09 | 0.00 | -102.68 | 150 | 19 | Horizontal |

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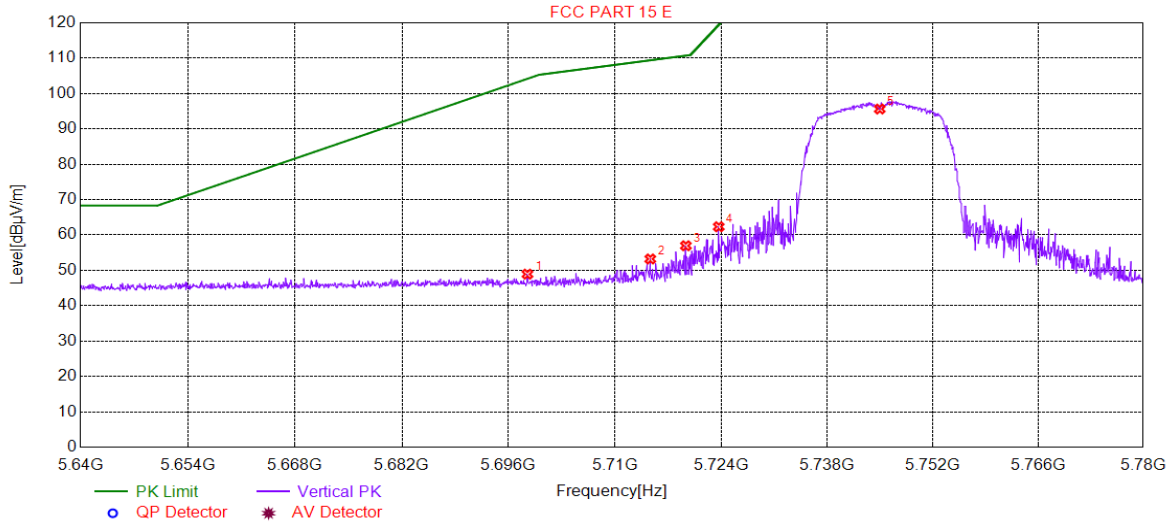
### 4.10.1.70 11AC20_149 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5698.47 | 48.93 | 16.79 | 104.17 | 55.24 | 150 | 243 | Vertical |
| 2 | 5714.65 | 53.22 | 16.89 | 109.40 | 56.18 | 150 | 206 | Vertical |
| 3 | 5719.34 | 56.96 | 16.92 | 110.72 | 53.76 | 150 | 248 | Vertical |
| 4 | 5723.69 | 62.33 | 16.95 | 119.32 | 56.99 | 150 | 248 | Vertical |
| 5 | 5745.00 | 95.62 | 17.09 | 0.00 | -95.62 | 150 | 215 | Vertical |

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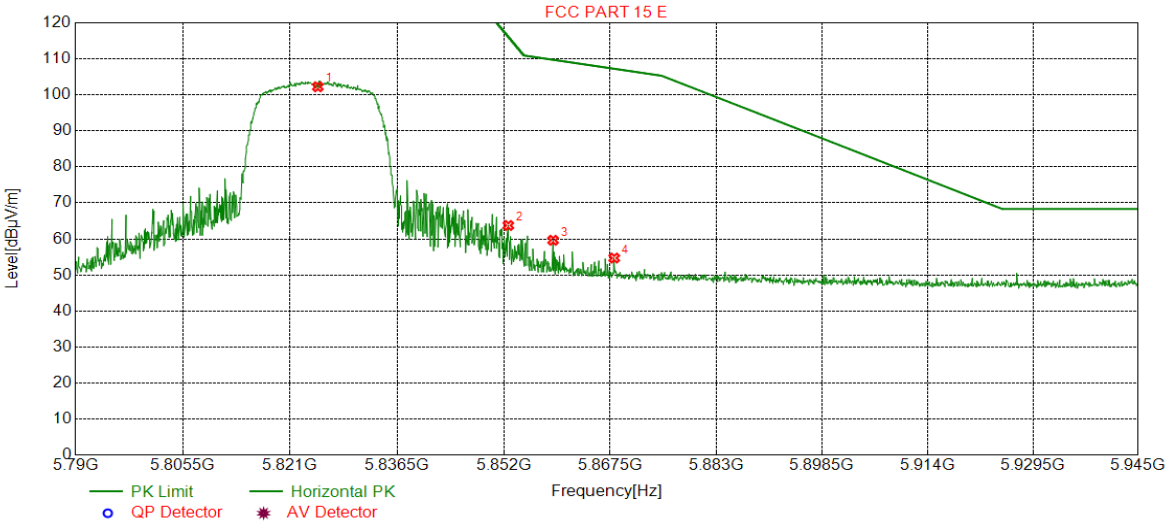
### 4.10.1.71 11AC20_165 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.00 | 102.23 | 17.23 | 0.00 | -102.23 | 150 | 27 | Horizontal |
| 2 | 5852.65 | 63.74 | 17.25 | 116.25 | 52.51 | 150 | 13 | Horizontal |
| 3 | 5859.16 | 59.63 | 17.23 | 109.73 | 50.10 | 150 | 345 | Horizontal |
| 4 | 5868.08 | 54.70 | 17.21 | 107.24 | 52.54 | 150 | 18 | Horizontal |

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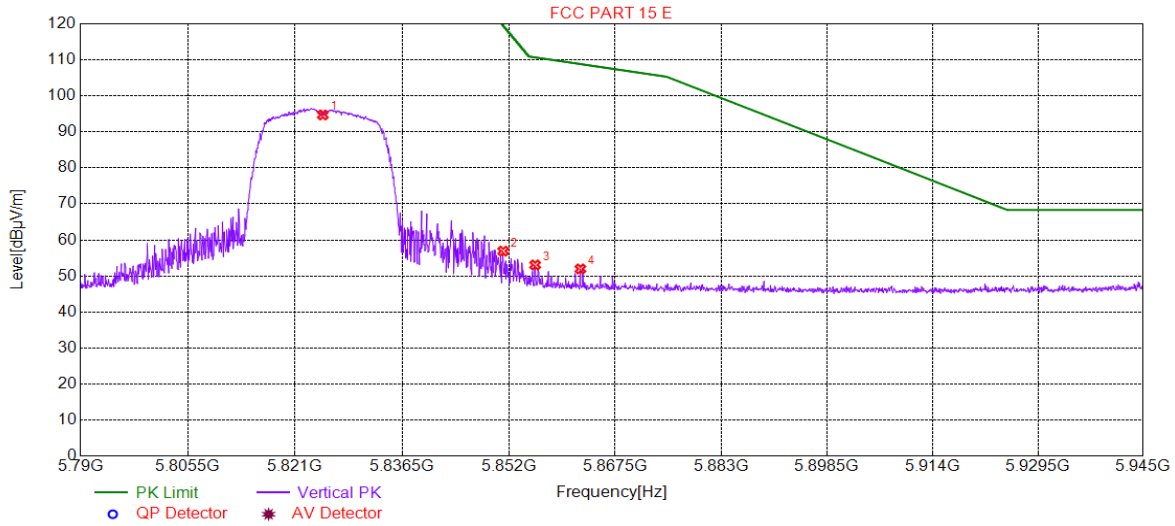
### 4.10.1.72 11AC20_165 ANT 1_Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5825.00 | 94.70 | 17.23 | 0.00 | -94.70 | 150 | 184 | Vertical |
| 2 | 5851.17 | 56.90 | 17.26 | 119.61 | 62.71 | 150 | 198 | Vertical |
| 3 | 5855.83 | 53.06 | 17.24 | 110.67 | 57.61 | 150 | 188 | Vertical |
| 4 | 5862.42 | 51.95 | 17.22 | 108.82 | 56.87 | 150 | 184 | Vertical |

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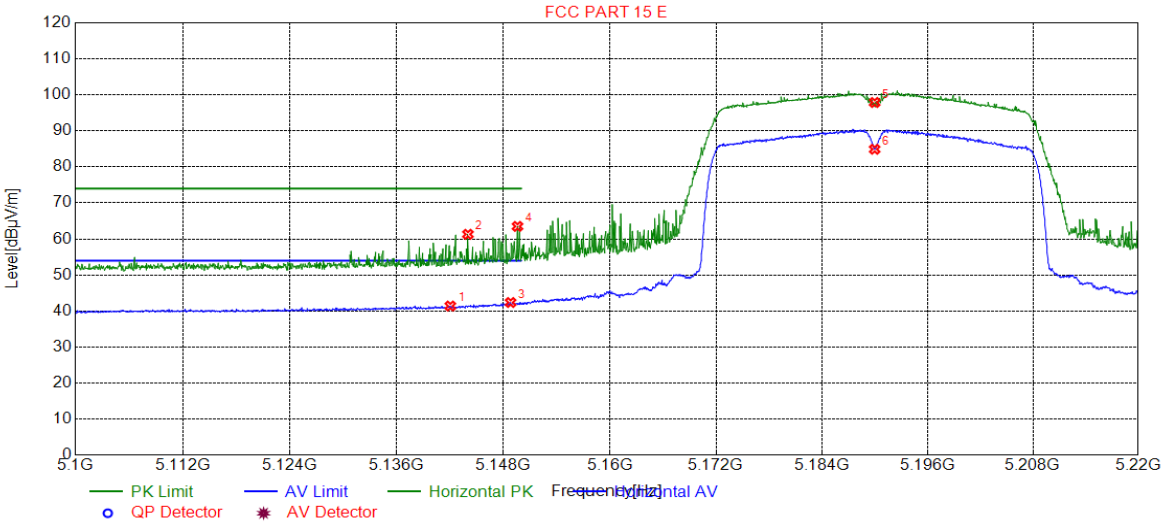
### 4.10.1.73 11AC40_38 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5142.02 | 41.38 | 15.45 | 54.00 | 12.62 | 150 | 0 | Horizontal |
| 2 | 5144.00 | 61.30 | 15.47 | 74.00 | 12.70 | 150 | 346 | Horizontal |
| 3 | 5148.80 | 42.36 | 15.51 | 54.00 | 11.64 | 150 | 1 | Horizontal |
| 4 | 5149.58 | 63.49 | 15.52 | 74.00 | 10.51 | 150 | 0 | Horizontal |
| 5 | 5190.00 | 97.88 | 15.58 | 0.00 | -97.88 | 150 | 0 | Horizontal |
| 6 | 5190.00 | 84.89 | 15.58 | 0.00 | -84.89 | 150 | 1 | Horizontal |

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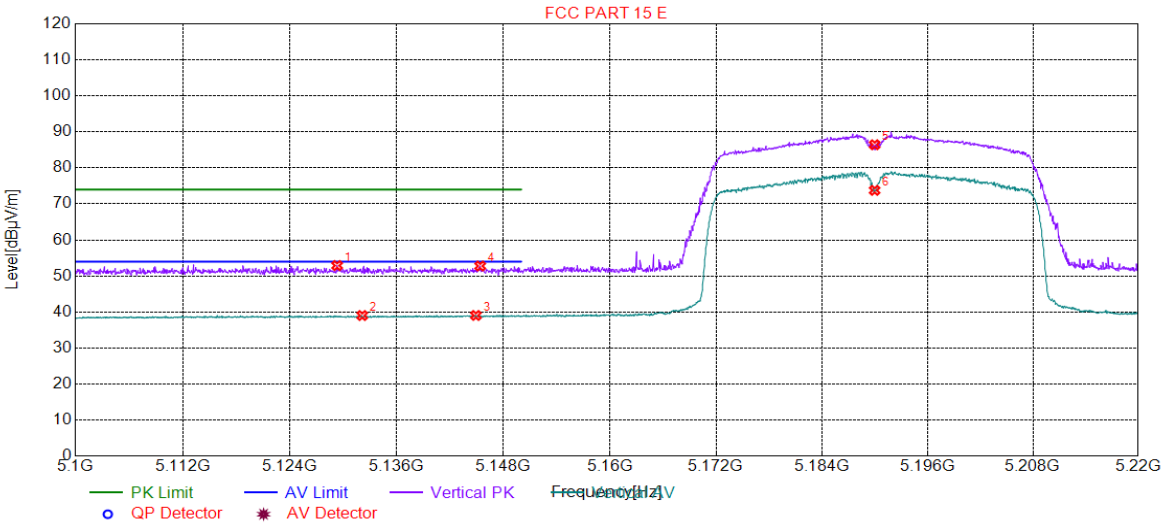
### 4.10.1.74 11AC40_38 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5129.29 | 52.89 | 15.34 | 74.00 | 21.11 | 150 | 242 | Vertical |
| 2 | 5132.11 | 39.02 | 15.37 | 54.00 | 14.98 | 150 | 78 | Vertical |
| 3 | 5144.90 | 39.04 | 15.48 | 54.00 | 14.96 | 150 | 110 | Vertical |
| 4 | 5145.38 | 52.76 | 15.48 | 74.00 | 21.24 | 150 | 237 | Vertical |
| 5 | 5190.00 | 86.43 | 15.58 | 0.00 | -86.43 | 150 | 67 | Vertical |
| 6 | 5190.00 | 73.77 | 15.58 | 0.00 | -73.77 | 150 | 61 | Vertical |

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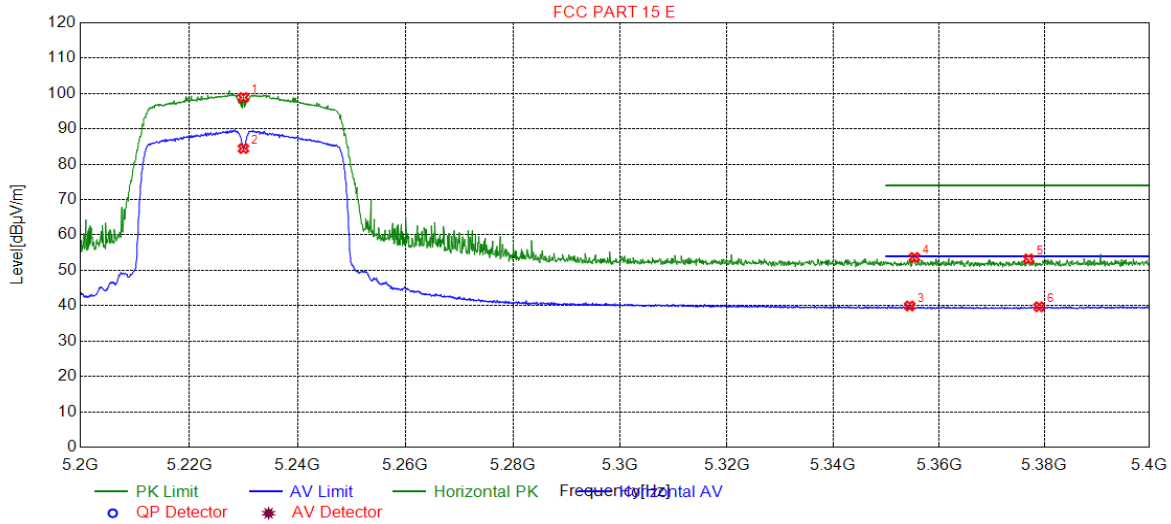
### 4.10.1.75 11AC40_46 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.00 | 98.86 | 15.51 | 0.00 | -98.86 | 150 | 0 | Horizontal |
| 2 | 5230.00 | 84.45 | 15.51 | 0.00 | -84.45 | 150 | 0 | Horizontal |
| 3 | 5354.47 | 39.93 | 15.97 | 54.00 | 14.07 | 150 | 0 | Horizontal |
| 4 | 5355.37 | 53.66 | 15.97 | 74.00 | 20.34 | 150 | 0 | Horizontal |
| 5 | 5376.98 | 53.22 | 16.11 | 74.00 | 20.78 | 150 | 312 | Horizontal |
| 6 | 5378.98 | 39.70 | 16.12 | 54.00 | 14.30 | 150 | 16 | Horizontal |

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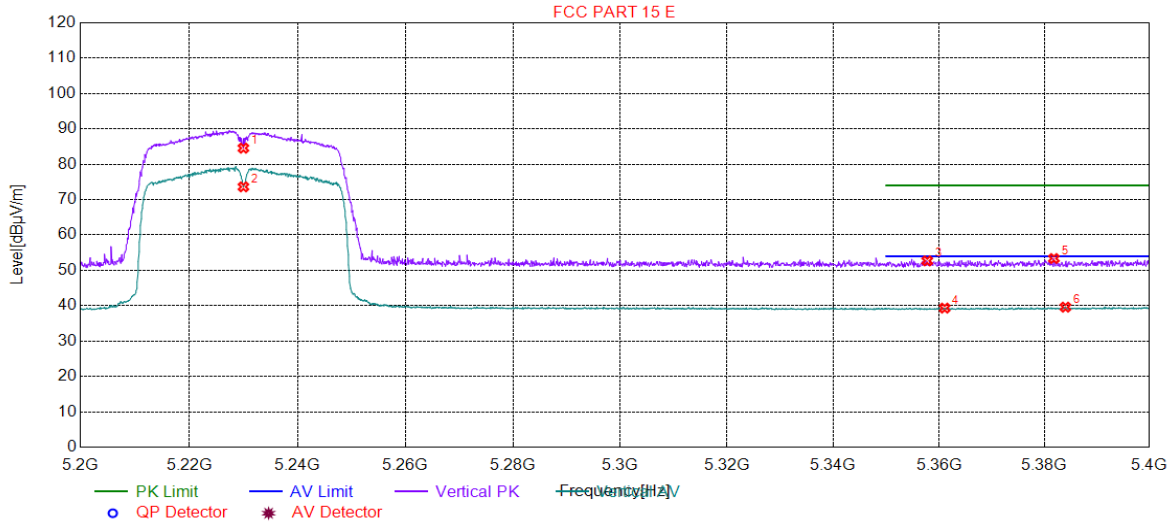
## 4.10.1.76 11AC40_46 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5230.00 | 84.55 | 15.51 | 0.00 | -84.55 | 150 | 204 | Vertical |
| 2 | 5230.00 | 73.61 | 15.51 | 0.00 | -73.61 | 150 | 204 | Vertical |
| 3 | 5357.77 | 52.68 | 15.99 | 74.00 | 21.32 | 150 | 76 | Vertical |
| 4 | 5361.08 | 39.33 | 16.01 | 54.00 | 14.67 | 150 | 82 | Vertical |
| 5 | 5381.79 | 53.35 | 16.14 | 74.00 | 20.65 | 150 | 197 | Vertical |
| 6 | 5383.99 | 39.60 | 16.15 | 54.00 | 14.40 | 150 | 42 | Vertical |

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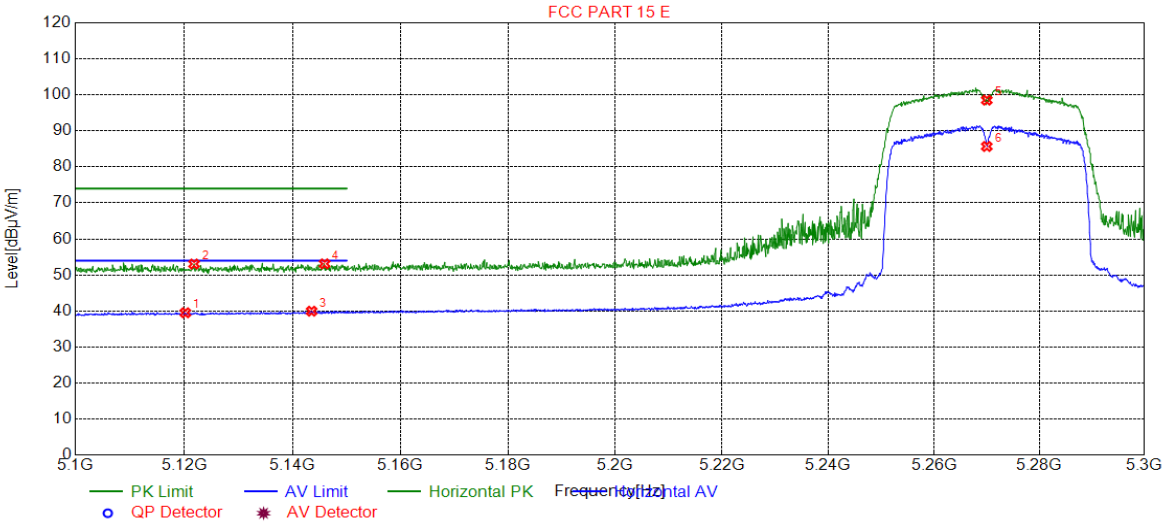
### 4.10.1.77 11AC40_54 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5120.21 | 39.50 | 15.26 | 54.00 | 14.50 | 150 | 10 | Horizontal |
| 2 | 5121.81 | 53.05 | 15.28 | 74.00 | 20.95 | 150 | 24 | Horizontal |
| 3 | 5143.52 | 39.95 | 15.46 | 54.00 | 14.05 | 150 | 17 | Horizontal |
| 4 | 5145.92 | 53.10 | 15.48 | 74.00 | 20.90 | 150 | 344 | Horizontal |
| 5 | 5270.00 | 98.53 | 15.56 | 0.00 | -98.53 | 150 | 344 | Horizontal |
| 6 | 5270.00 | 85.67 | 15.56 | 0.00 | -85.67 | 150 | 10 | Horizontal |

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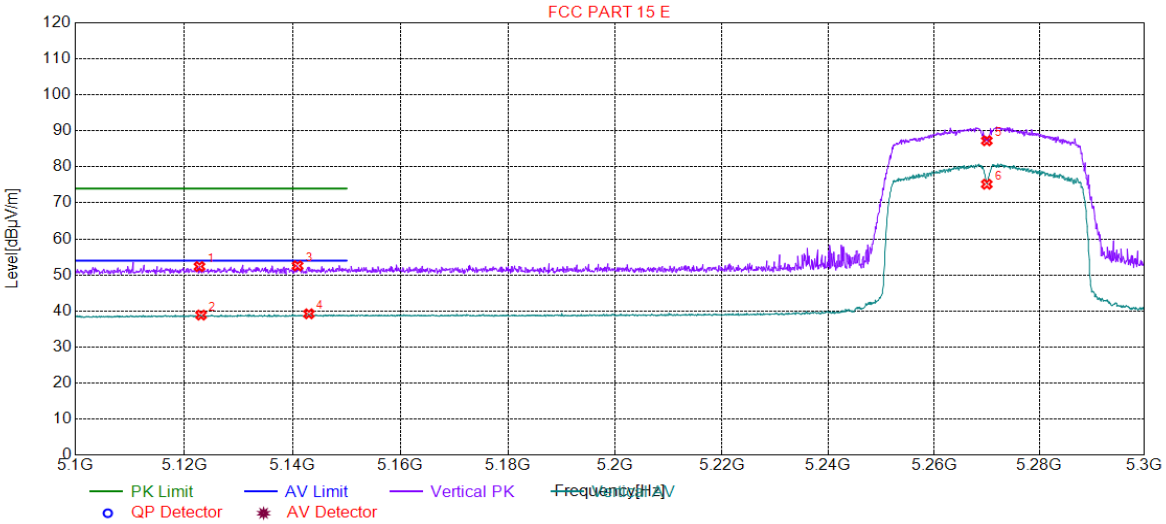
### 4.10.1.78 11AC40_54 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5122.81 | 52.33 | 15.29 | 74.00 | 21.67 | 150 | 15 | Vertical |
| 2 | 5123.11 | 38.87 | 15.29 | 54.00 | 15.13 | 150 | 289 | Vertical |
| 3 | 5140.92 | 52.55 | 15.44 | 74.00 | 21.45 | 150 | 194 | Vertical |
| 4 | 5143.02 | 39.22 | 15.46 | 54.00 | 14.78 | 150 | 15 | Vertical |
| 5 | 5270.00 | 87.26 | 15.56 | 0.00 | -87.26 | 150 | 70 | Vertical |
| 6 | 5270.00 | 75.19 | 15.56 | 0.00 | -75.19 | 150 | 70 | Vertical |

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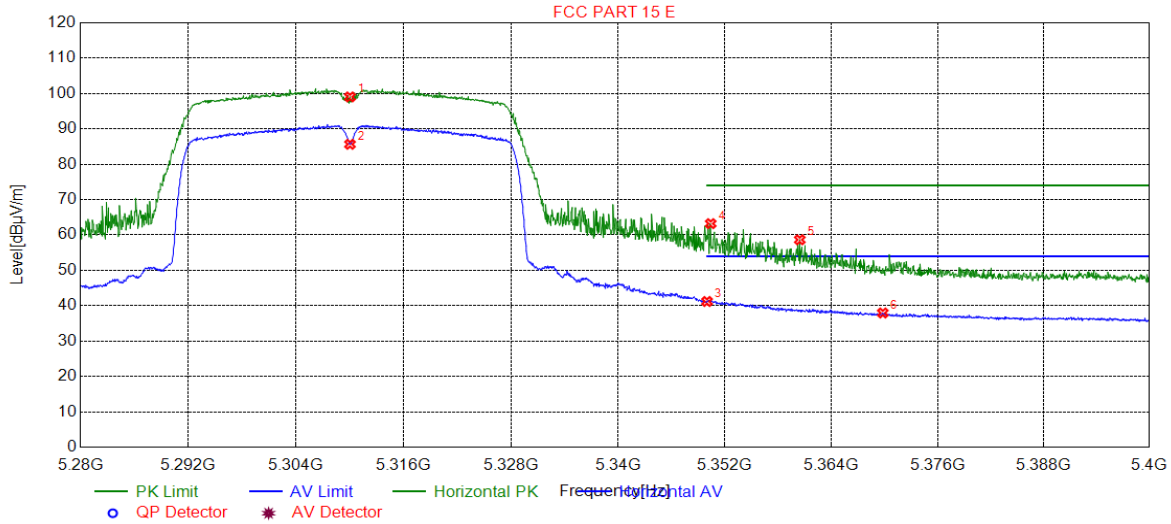
## 4.10.1.79 11AC40_62 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.00 | 99.04 | 15.75 | 0.00 | -99.04 | 150 | 344 | Horizontal |
| 2 | 5310.00 | 85.65 | 15.75 | 0.00 | -85.65 | 150 | 4 | Horizontal |
| 3 | 5350.00 | 41.20 | 15.94 | 54.00 | 12.80 | 150 | 344 | Horizontal |
| 4 | 5350.41 | 63.21 | 15.94 | 74.00 | 10.79 | 150 | 344 | Horizontal |
| 5 | 5360.44 | 58.65 | 16.00 | 74.00 | 15.35 | 150 | 0 | Horizontal |
| 6 | 5369.80 | 37.95 | 16.06 | 54.00 | 16.05 | 150 | 0 | Horizontal |

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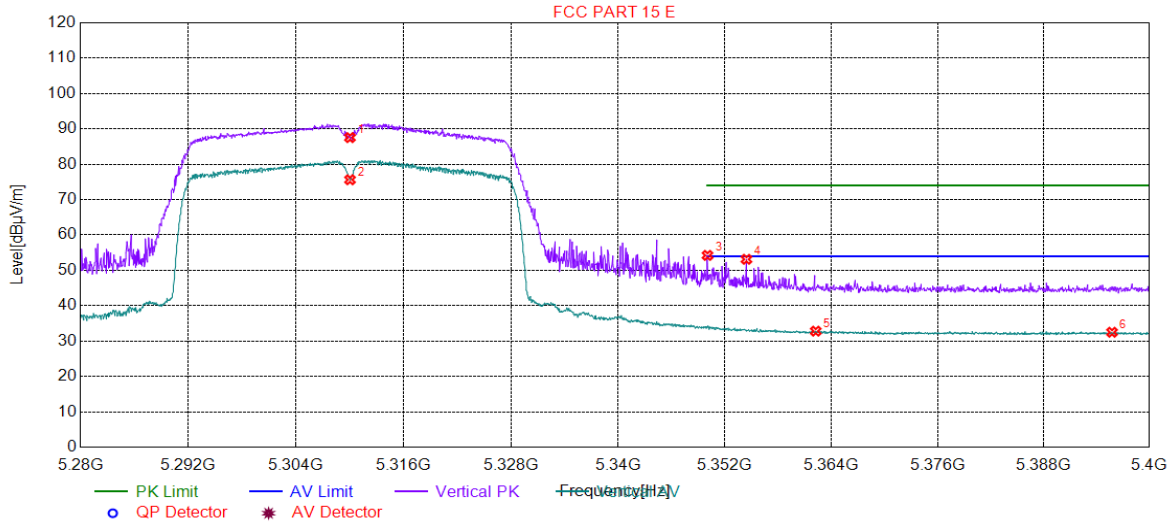
### 4.10.1.80 11AC40_62 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5310.00 | 87.53 | 15.75 | 0.00 | -87.53 | 150 | 76 | Vertical |
| 2 | 5310.00 | 75.62 | 15.75 | 0.00 | -75.62 | 150 | 178 | Vertical |
| 3 | 5350.05 | 54.23 | 15.94 | 74.00 | 19.77 | 150 | 178 | Vertical |
| 4 | 5354.43 | 53.13 | 15.97 | 74.00 | 20.87 | 150 | 185 | Vertical |
| 5 | 5362.24 | 32.81 | 16.02 | 54.00 | 21.19 | 150 | 178 | Vertical |
| 6 | 5395.73 | 32.50 | 16.22 | 54.00 | 21.50 | 150 | 76 | Vertical |

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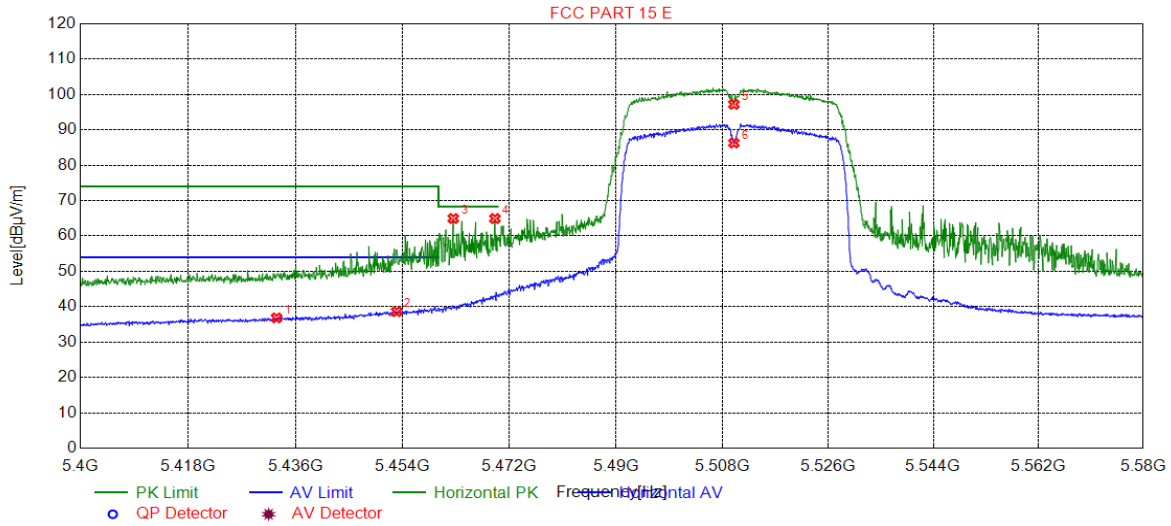
### 4.10.1.81 11AC40_102 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5432.77 | 36.84 | 16.25 | 54.00 | 17.16 | 150 | 10 | Horizontal |
| 2 | 5452.94 | 38.63 | 16.25 | 54.00 | 15.37 | 150 | 10 | Horizontal |
| 3 | 5462.49 | 64.95 | 16.25 | 68.30 | 3.35 | 150 | 4 | Horizontal |
| 4 | 5469.51 | 64.94 | 16.25 | 68.30 | 3.36 | 150 | 344 | Horizontal |
| 5 | 5510.00 | 97.22 | 16.28 | 0.00 | -97.22 | 150 | 4 | Horizontal |
| 6 | 5510.00 | 86.29 | 16.28 | 0.00 | -86.29 | 150 | 10 | Horizontal |

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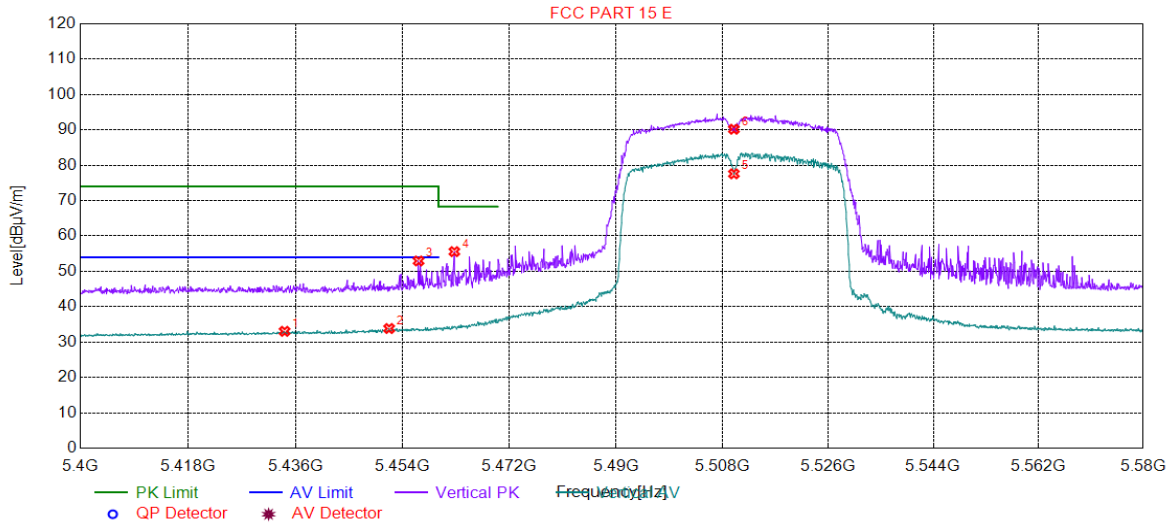
### 4.10.1.82 11AC40_102 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5434.12 | 33.04 | 16.25 | 54.00 | 20.96 | 150 | 192 | Vertical |
| 2 | 5451.68 | 33.84 | 16.25 | 54.00 | 20.16 | 150 | 192 | Vertical |
| 3 | 5456.63 | 52.94 | 16.25 | 74.00 | 21.06 | 150 | 185 | Vertical |
| 4 | 5462.67 | 55.58 | 16.25 | 68.30 | 12.72 | 150 | 192 | Vertical |
| 5 | 5510.00 | 77.58 | 16.28 | 0.00 | -77.58 | 150 | 192 | Vertical |
| 6 | 5510.00 | 90.18 | 16.28 | 0.00 | -90.18 | 150 | 199 | Vertical |

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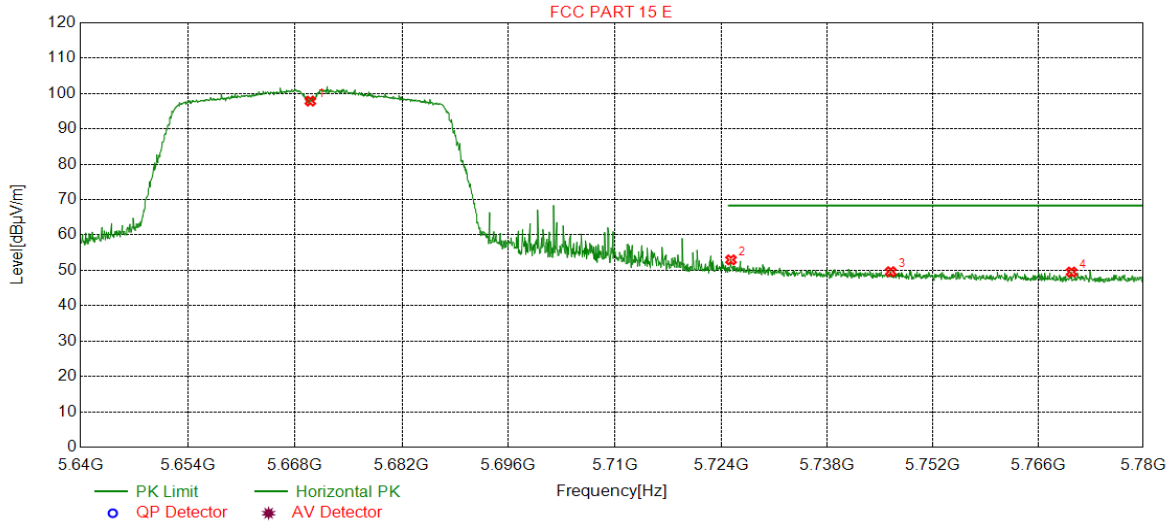
### 4.10.1.83 11AC40_134 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.00 | 97.85 | 16.64 | 0.00 | -97.85 | 150 | 19 | Horizontal |
| 2 | 5725.30 | 52.97 | 16.96 | 68.30 | 15.33 | 150 | 5 | Horizontal |
| 3 | 5746.45 | 49.62 | 17.10 | 68.30 | 18.68 | 150 | 10 | Horizontal |
| 4 | 5770.47 | 49.52 | 17.15 | 68.30 | 18.78 | 150 | 24 | Horizontal |

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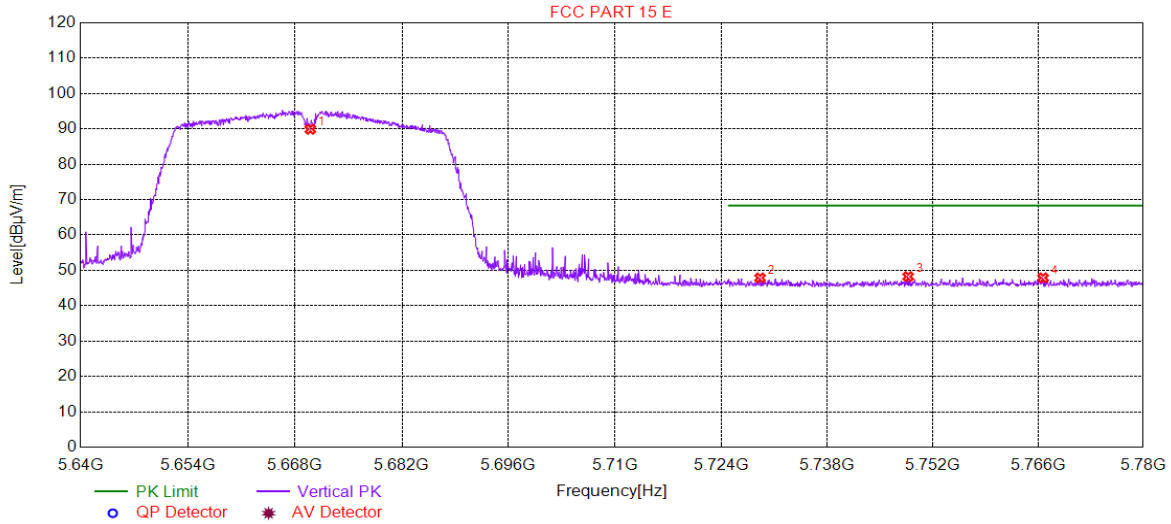
### 4.10.1.84 11AC40_134 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5670.00 | 89.90 | 16.64 | 0.00 | -89.90 | 150 | 184 | Vertical |
| 2 | 5729.15 | 47.87 | 16.99 | 68.30 | 20.43 | 150 | 184 | Vertical |
| 3 | 5748.76 | 48.24 | 17.11 | 68.30 | 20.06 | 150 | 184 | Vertical |
| 4 | 5766.69 | 47.89 | 17.14 | 68.30 | 20.41 | 150 | 152 | Vertical |

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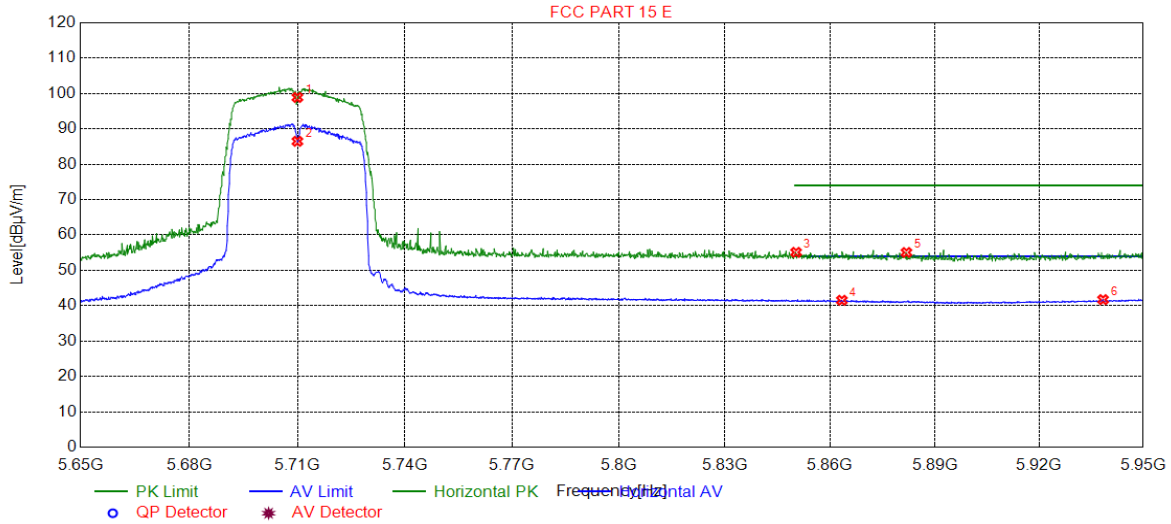
### 4.10.1.85 11AC40_142 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5710.00 | 98.89 | 16.86 | 0.00 | -98.89 | 150 | 12 | Horizontal |
| 2 | 5710.00 | 86.48 | 16.86 | 0.00 | -86.48 | 150 | 12 | Horizontal |
| 3 | 5850.35 | 55.10 | 17.26 | 74.00 | 18.90 | 150 | 177 | Horizontal |
| 4 | 5863.40 | 41.54 | 17.22 | 54.00 | 12.46 | 150 | 39 | Horizontal |
| 5 | 5881.86 | 55.06 | 17.16 | 74.00 | 18.94 | 150 | 80 | Horizontal |
| 6 | 5938.44 | 41.73 | 17.70 | 54.00 | 12.27 | 150 | 5 | Horizontal |

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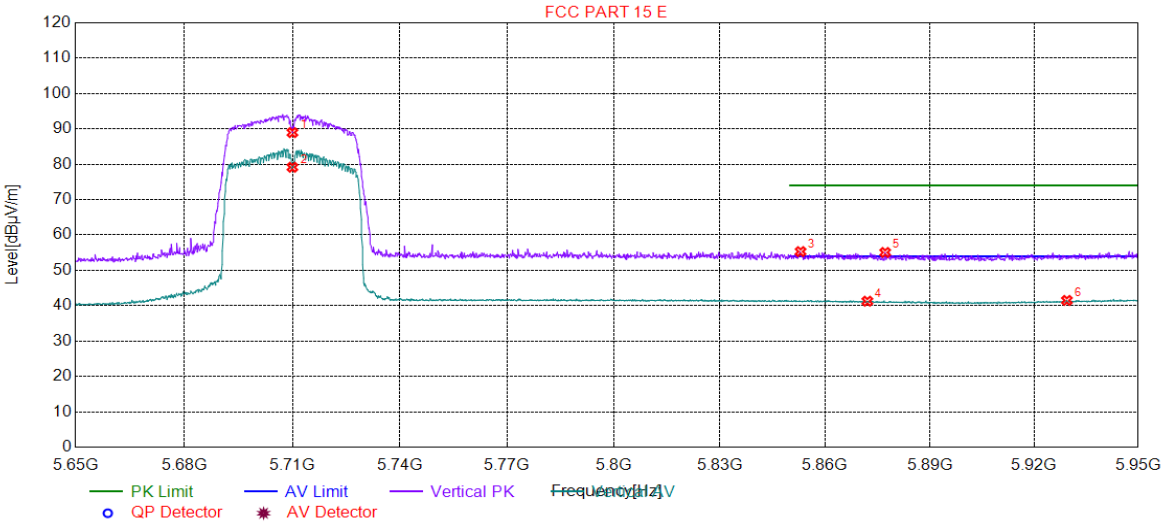
## 4.10.1.86 11AC40_142 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5710.00 | 88.95 | 16.86 | 0.00 | -88.95 | 150 | 180 | Vertical |
| 2 | 5710.00 | 79.15 | 16.86 | 0.00 | -79.15 | 150 | 180 | Vertical |
| 3 | 5853.05 | 55.31 | 17.25 | 74.00 | 18.69 | 150 | 186 | Vertical |
| 4 | 5872.11 | 41.28 | 17.19 | 54.00 | 12.72 | 150 | 173 | Vertical |
| 5 | 5877.21 | 55.06 | 17.18 | 74.00 | 18.94 | 150 | 268 | Vertical |
| 6 | 5929.43 | 41.50 | 17.56 | 54.00 | 12.50 | 150 | 310 | Vertical |

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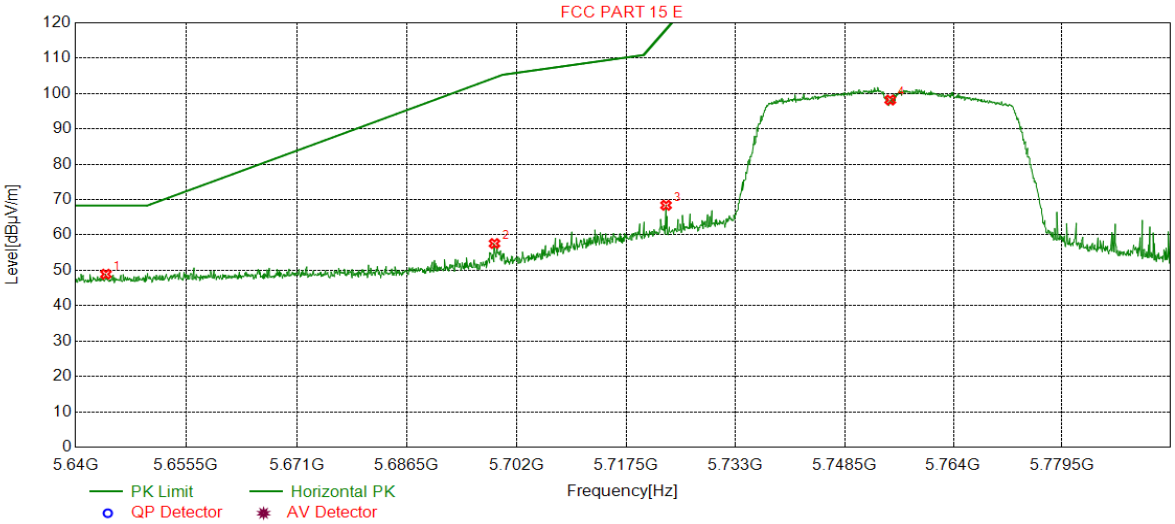
### 4.10.1.87 11AC40_151 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5644.26 | 48.92 | 16.54 | 68.30 | 19.38 | 150 | 344 | Horizontal |
| 2 | 5698.85 | 57.59 | 16.79 | 104.45 | 46.86 | 150 | 14 | Horizontal |
| 3 | 5723.12 | 68.40 | 16.95 | 118.02 | 49.62 | 150 | 10 | Horizontal |
| 4 | 5755.00 | 98.16 | 17.13 | 0.00 | -98.16 | 150 | 14 | Horizontal |

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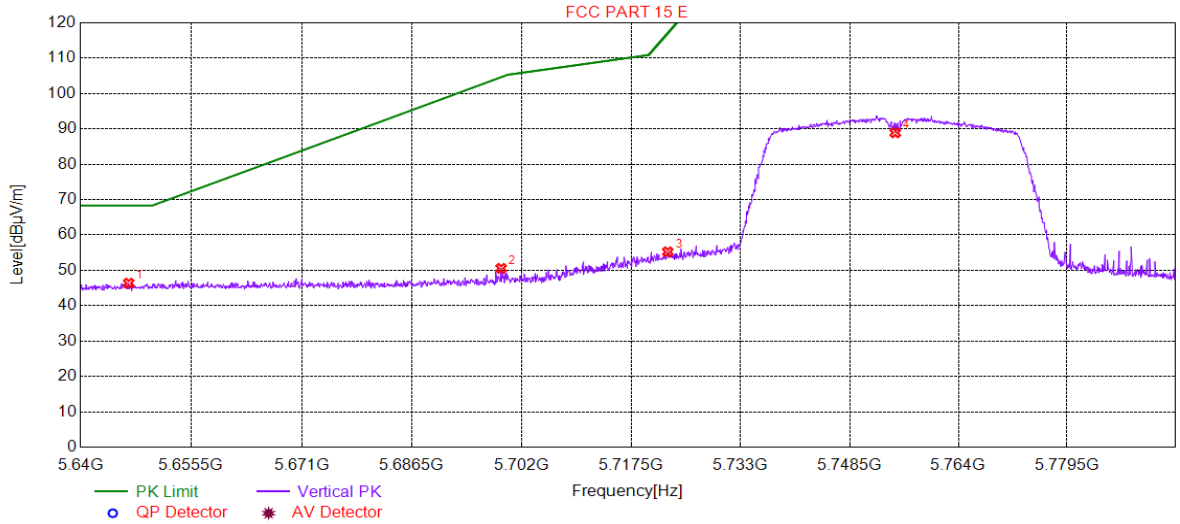
### 4.10.1.88 11AC40_151 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5646.74 | 46.39 | 16.53 | 68.30 | 21.91 | 150 | 247 | Vertical |
| 2 | 5699.08 | 50.57 | 16.80 | 104.62 | 54.05 | 150 | 179 | Vertical |
| 3 | 5722.65 | 55.24 | 16.95 | 116.96 | 61.72 | 150 | 184 | Vertical |
| 4 | 5755.00 | 88.90 | 17.13 | 0.00 | -88.90 | 150 | 242 | Vertical |

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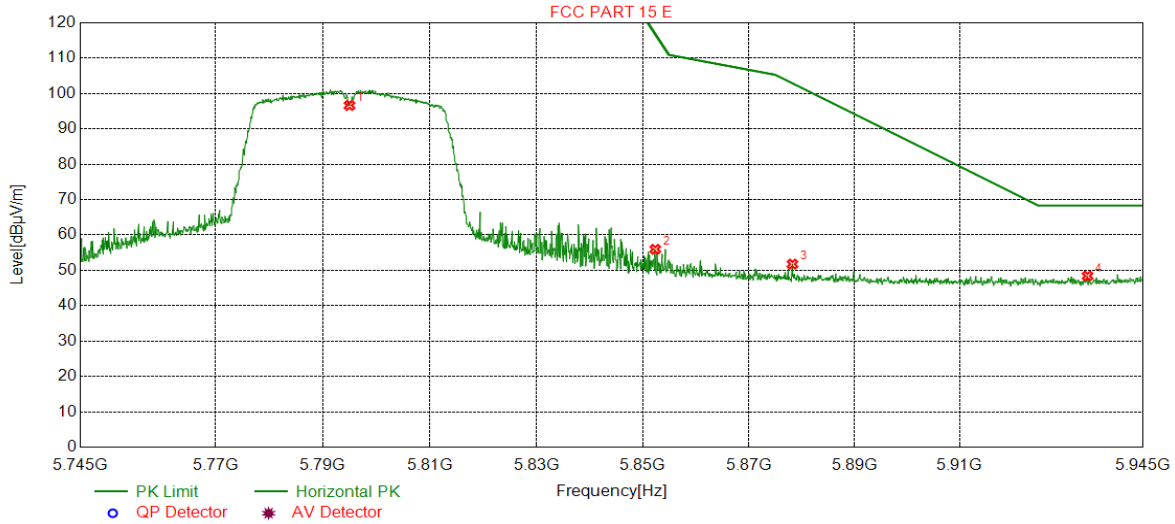
### 4.10.1.89 11AC40_159 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.00 | 96.63 | 17.18 | 0.00 | -96.63 | 150 | 15 | Horizontal |
| 2 | 5852.35 | 55.96 | 17.25 | 116.93 | 60.97 | 150 | 6 | Horizontal |
| 3 | 5878.26 | 51.76 | 17.18 | 102.88 | 51.12 | 150 | 2 | Horizontal |
| 4 | 5934.39 | 48.42 | 17.64 | 68.30 | 19.88 | 150 | 2 | Horizontal |

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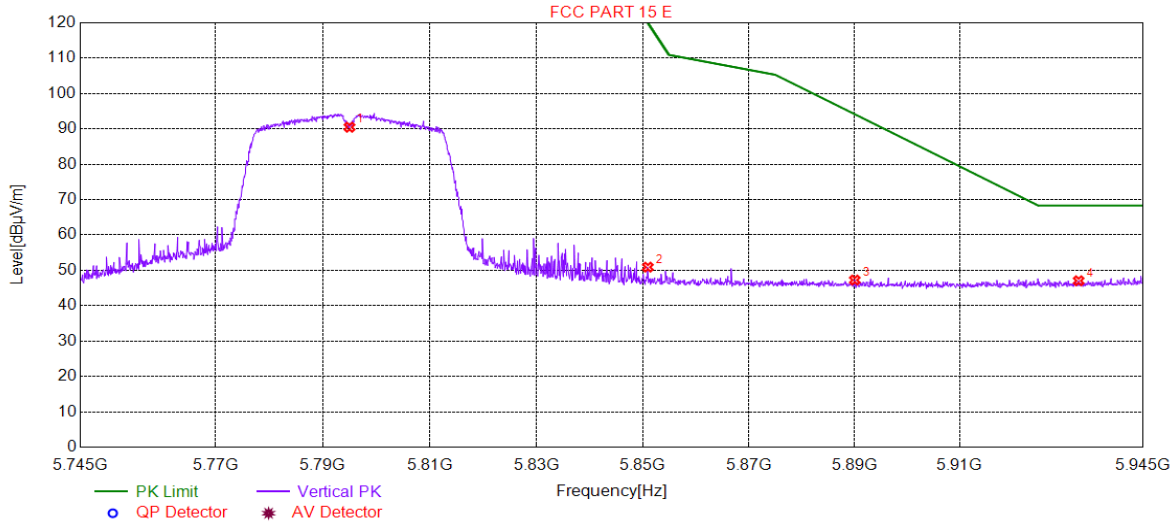
### 4.10.1.90 11AC40_159 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5795.00 | 90.47 | 17.18 | 0.00 | -90.47 | 150 | 189 | Vertical |
| 2 | 5850.95 | 50.91 | 17.26 | 120.13 | 69.22 | 150 | 208 | Vertical |
| 3 | 5890.07 | 47.26 | 17.14 | 94.15 | 46.89 | 150 | 43 | Vertical |
| 4 | 5932.69 | 47.05 | 17.61 | 68.30 | 21.25 | 150 | 277 | Vertical |

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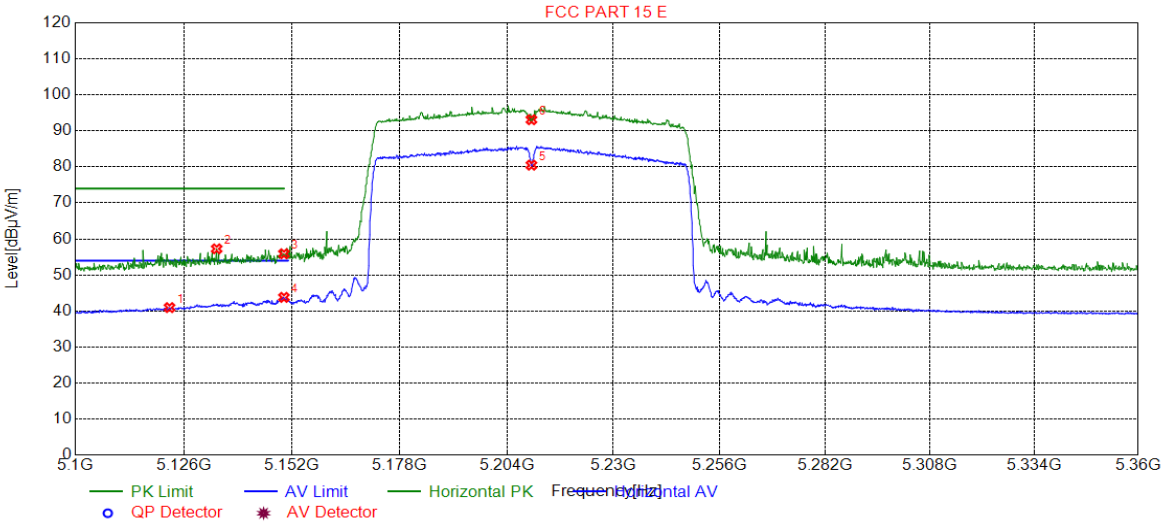
### 4.10.1.91 11AC80_42 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5122.50 | 40.94 | 15.28 | 54.00 | 13.06 | 150 | 3 | Horizontal |
| 2 | 5133.81 | 57.26 | 15.38 | 74.00 | 16.74 | 150 | 30 | Horizontal |
| 3 | 5150.00 | 55.89 | 15.52 | 0.00 | -55.89 | 150 | 3 | Horizontal |
| 4 | 5150.00 | 43.78 | 15.52 | 54.00 | 10.22 | 150 | 0 | Horizontal |
| 5 | 5210.00 | 80.48 | 15.56 | 0.00 | -80.48 | 150 | 0 | Horizontal |
| 6 | 5210.00 | 93.10 | 15.56 | 0.00 | -93.10 | 150 | 344 | Horizontal |

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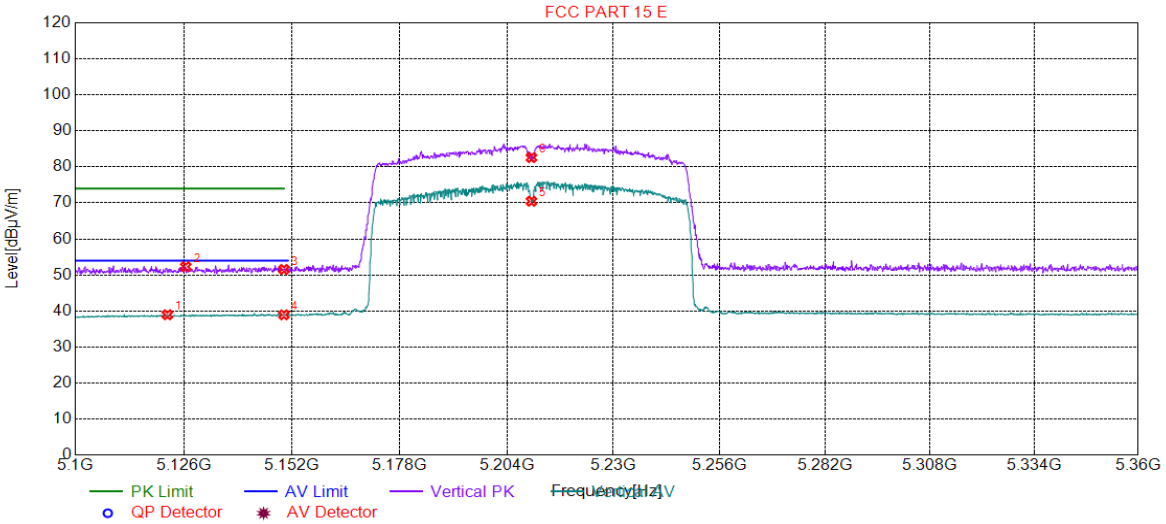
### 4.10.1.92 11AC80_42 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5121.98 | 38.96 | 15.28 | 54.00 | 15.04 | 150 | 240 | Vertical |
| 2 | 5126.40 | 52.28 | 15.32 | 74.00 | 21.72 | 150 | 22 | Vertical |
| 3 | 5150.00 | 51.54 | 15.52 | 0.00 | -51.54 | 150 | 233 | Vertical |
| 4 | 5150.00 | 38.94 | 15.52 | 54.00 | 15.06 | 150 | 16 | Vertical |
| 5 | 5210.00 | 70.47 | 15.56 | 0.00 | -70.47 | 150 | 199 | Vertical |
| 6 | 5210.00 | 82.59 | 15.56 | 0.00 | -82.59 | 150 | 206 | Vertical |

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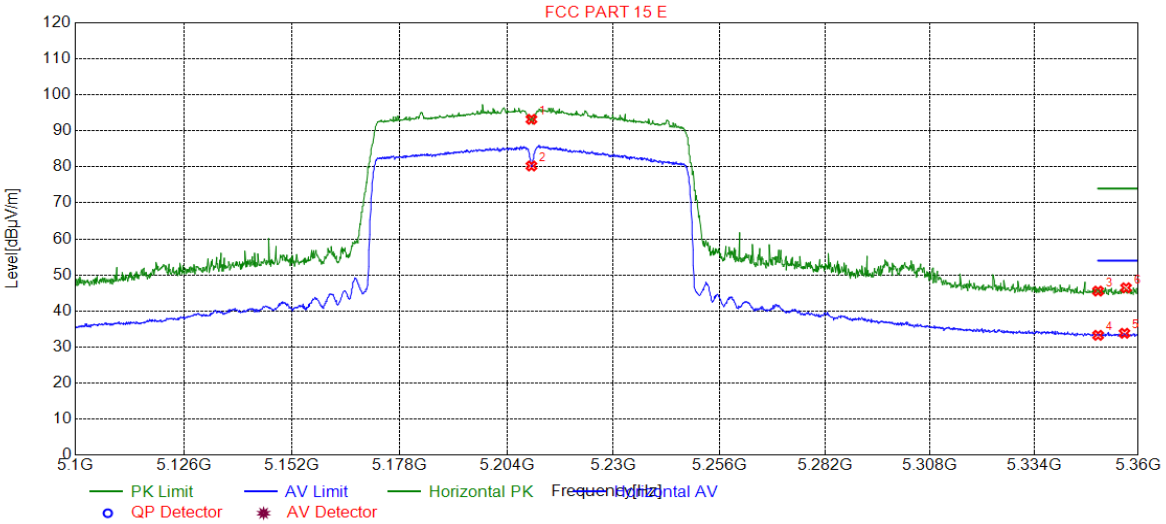
### 4.10.1.93 11AC80_42 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5210.00 | 93.21 | 15.56 | 0.00 | -93.21 | 150 | 2 | Horizontal |
| 2 | 5210.00 | 80.25 | 15.56 | 0.00 | -80.25 | 150 | 0 | Horizontal |
| 3 | 5350.00 | 45.53 | 15.94 | 74.00 | 28.47 | 150 | 15 | Horizontal |
| 4 | 5350.00 | 33.25 | 15.94 | 54.00 | 20.75 | 150 | 2 | Horizontal |
| 5 | 5356.61 | 33.82 | 15.98 | 54.00 | 20.18 | 150 | 8 | Horizontal |
| 6 | 5357.00 | 46.44 | 15.98 | 74.00 | 27.56 | 150 | 345 | Horizontal |

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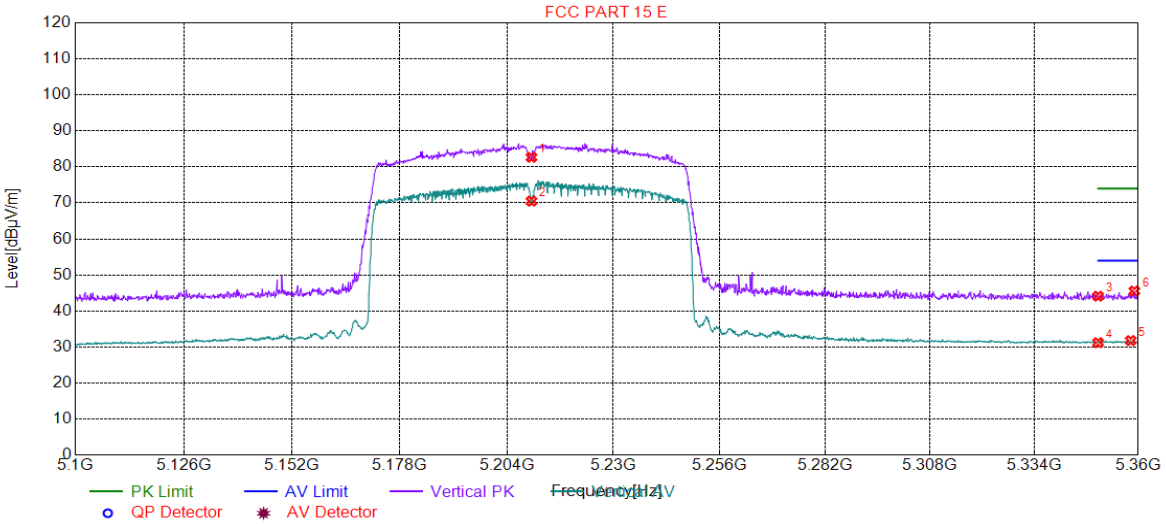
### 4.10.1.94 11AC80_42 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5210.00 | 82.66 | 15.56 | 0.00 | -82.66 | 150 | 201 | Vertical |
| 2 | 5210.00 | 70.51 | 15.56 | 0.00 | -70.51 | 150 | 201 | Vertical |
| 3 | 5350.00 | 44.11 | 15.94 | 74.00 | 29.89 | 150 | 91 | Vertical |
| 4 | 5350.00 | 31.21 | 15.94 | 54.00 | 22.79 | 150 | 84 | Vertical |
| 5 | 5358.17 | 31.78 | 15.99 | 54.00 | 22.22 | 150 | 50 | Vertical |
| 6 | 5359.08 | 45.55 | 16.00 | 74.00 | 28.45 | 150 | 229 | Vertical |

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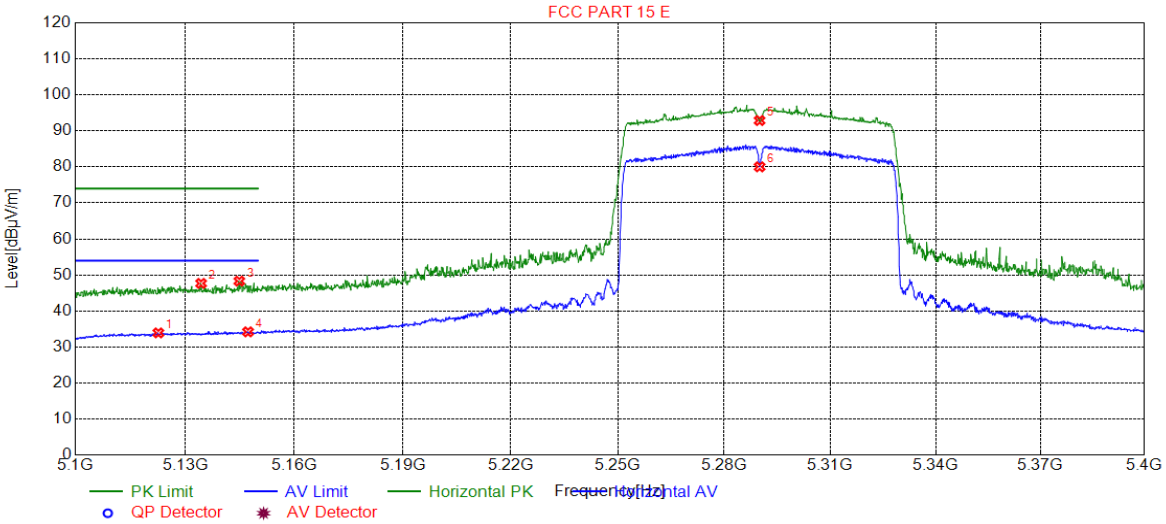
### 4.10.1.95 11AC80_58 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5122.66 | 33.92 | 15.28 | 54.00 | 20.08 | 150 | 1 | Horizontal |
| 2 | 5134.36 | 47.66 | 15.39 | 74.00 | 26.34 | 150 | 4 | Horizontal |
| 3 | 5144.87 | 48.30 | 15.48 | 74.00 | 25.70 | 150 | 4 | Horizontal |
| 4 | 5147.27 | 34.21 | 15.50 | 54.00 | 19.79 | 150 | 345 | Horizontal |
| 5 | 5290.00 | 92.87 | 15.65 | 0.00 | -92.87 | 150 | 1 | Horizontal |
| 6 | 5290.00 | 80.01 | 15.65 | 0.00 | -80.01 | 150 | 345 | Horizontal |

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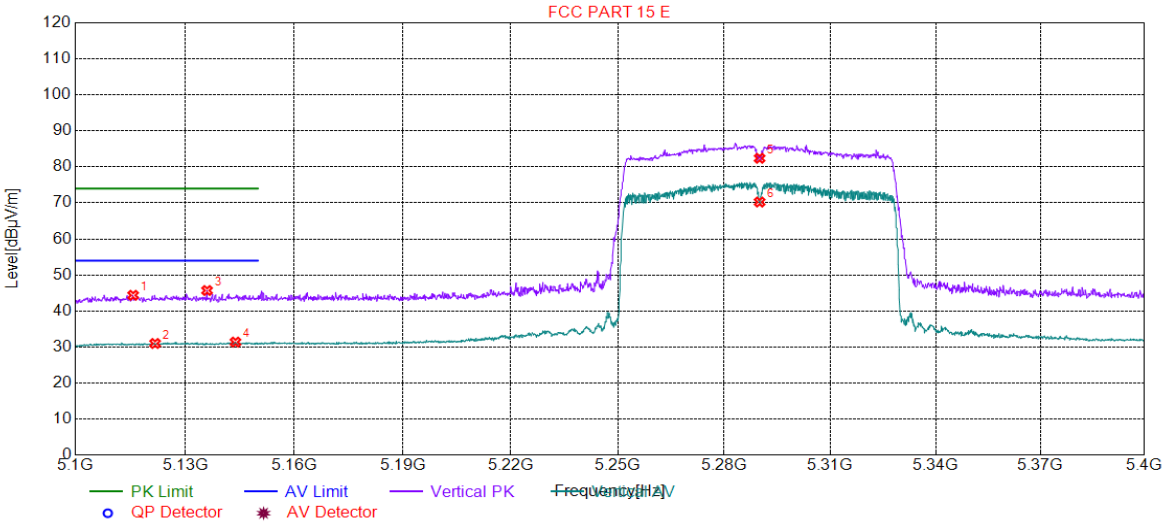
### 4.10.1.96 11AC80_58 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5115.75 | 44.36 | 15.23 | 74.00 | 29.64 | 150 | 150 | Vertical |
| 2 | 5121.76 | 30.99 | 15.28 | 54.00 | 23.01 | 150 | 69 | Vertical |
| 3 | 5136.01 | 45.69 | 15.40 | 74.00 | 28.31 | 150 | 252 | Vertical |
| 4 | 5143.82 | 31.37 | 15.47 | 54.00 | 22.63 | 150 | 204 | Vertical |
| 5 | 5290.00 | 82.39 | 15.65 | 0.00 | -82.39 | 150 | 198 | Vertical |
| 6 | 5290.00 | 70.24 | 15.65 | 0.00 | -70.24 | 150 | 198 | Vertical |

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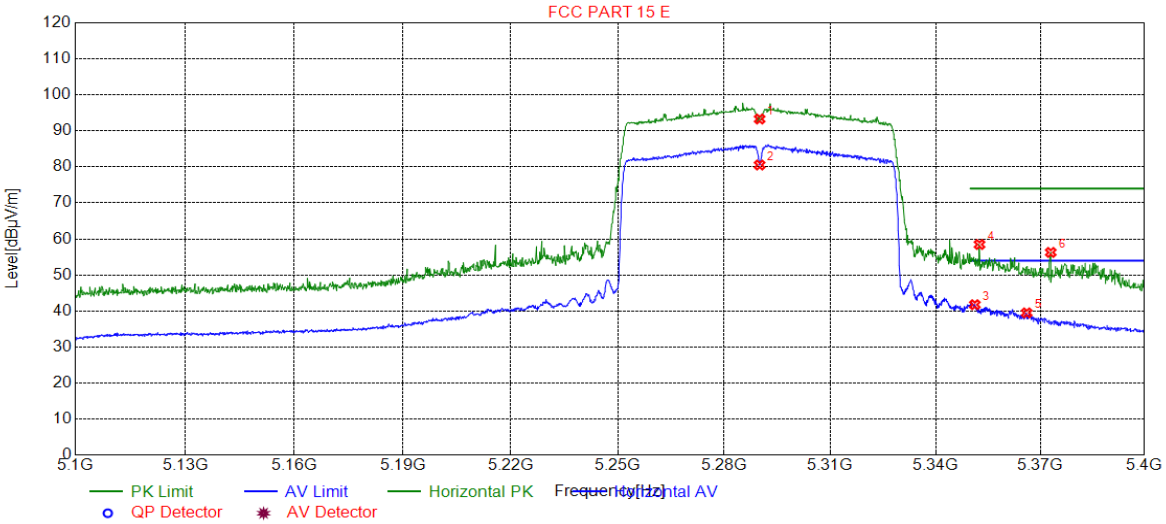
## 4.10.1.97 11AC80_58 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5290.00 | 93.29 | 15.65 | 0.00 | -93.29 | 150 | 0 | Horizontal |
| 2 | 5290.00 | 80.52 | 15.65 | 0.00 | -80.52 | 150 | 0 | Horizontal |
| 3 | 5351.22 | 41.75 | 15.95 | 54.00 | 12.25 | 150 | 4 | Horizontal |
| 4 | 5352.57 | 58.46 | 15.96 | 74.00 | 15.54 | 150 | 4 | Horizontal |
| 5 | 5366.08 | 39.48 | 16.04 | 54.00 | 14.52 | 150 | 4 | Horizontal |
| 6 | 5372.98 | 56.26 | 16.08 | 74.00 | 17.74 | 150 | 221 | Horizontal |

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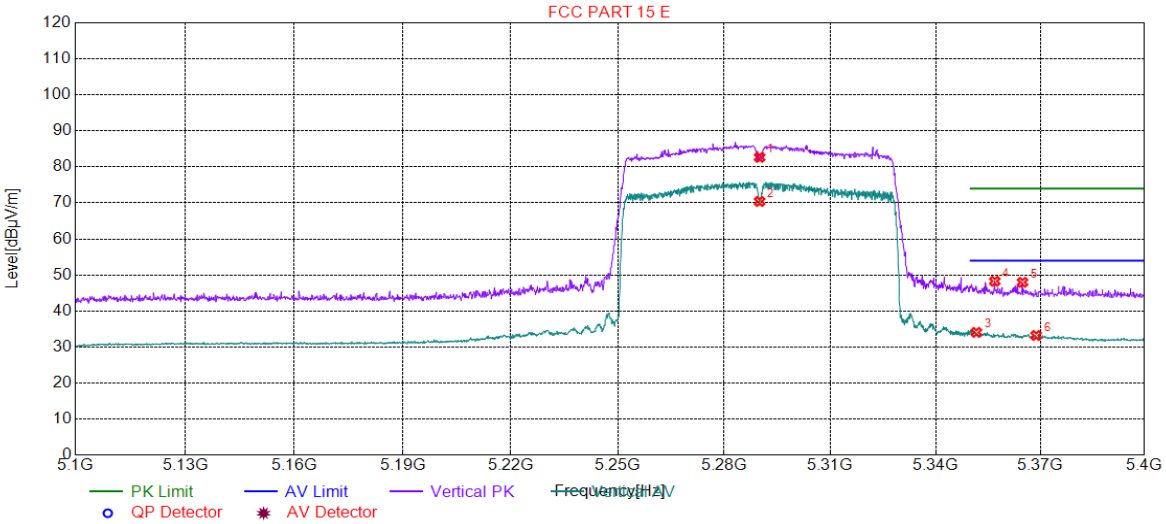
## 4.10.1.98 11AC80_58 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5290.00 | 82.66 | 15.65 | 0.00 | -82.66 | 150 | 198 | Vertical |
| 2 | 5290.00 | 70.40 | 15.65 | 0.00 | -70.40 | 150 | 192 | Vertical |
| 3 | 5351.67 | 34.07 | 15.95 | 54.00 | 19.93 | 150 | 198 | Vertical |
| 4 | 5356.92 | 48.26 | 15.98 | 74.00 | 25.74 | 150 | 198 | Vertical |
| 5 | 5364.88 | 47.97 | 16.03 | 74.00 | 26.03 | 150 | 70 | Vertical |
| 6 | 5368.78 | 33.20 | 16.06 | 54.00 | 20.80 | 150 | 198 | Vertical |

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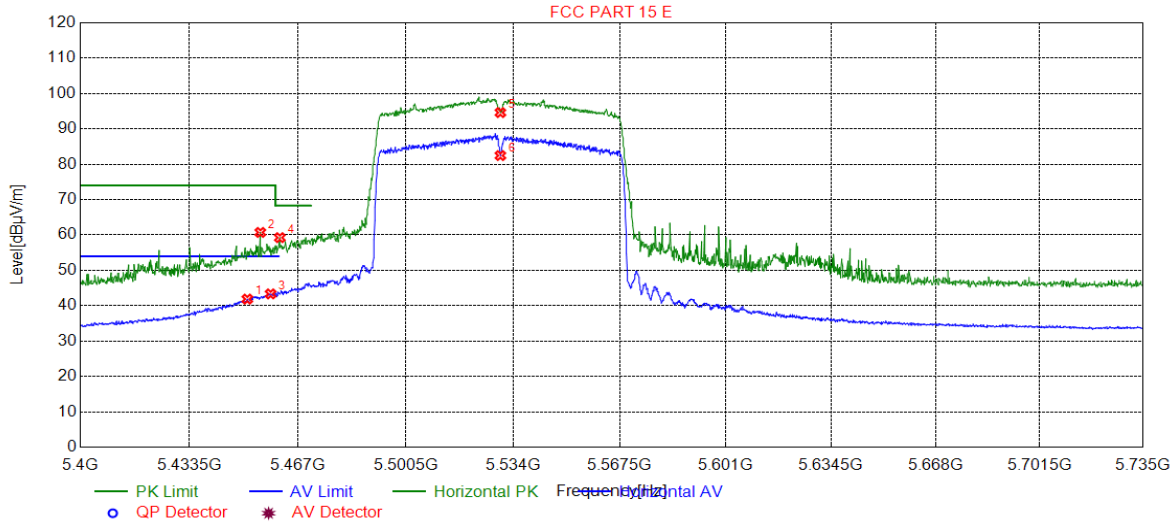
### 4.10.1.99 11AC80_106 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5451.28 | 41.88 | 16.25 | 54.00 | 12.12 | 150 | 16 | Horizontal |
| 2 | 5455.30 | 60.73 | 16.25 | 74.00 | 13.27 | 150 | 16 | Horizontal |
| 3 | 5458.48 | 43.34 | 16.25 | 54.00 | 10.66 | 150 | 16 | Horizontal |
| 4 | 5461.33 | 59.25 | 16.25 | 68.30 | 9.05 | 150 | 16 | Horizontal |
| 5 | 5530.00 | 94.61 | 16.35 | 0.00 | -94.61 | 150 | 23 | Horizontal |
| 6 | 5530.00 | 82.45 | 16.35 | 0.00 | -82.45 | 150 | 9 | Horizontal |

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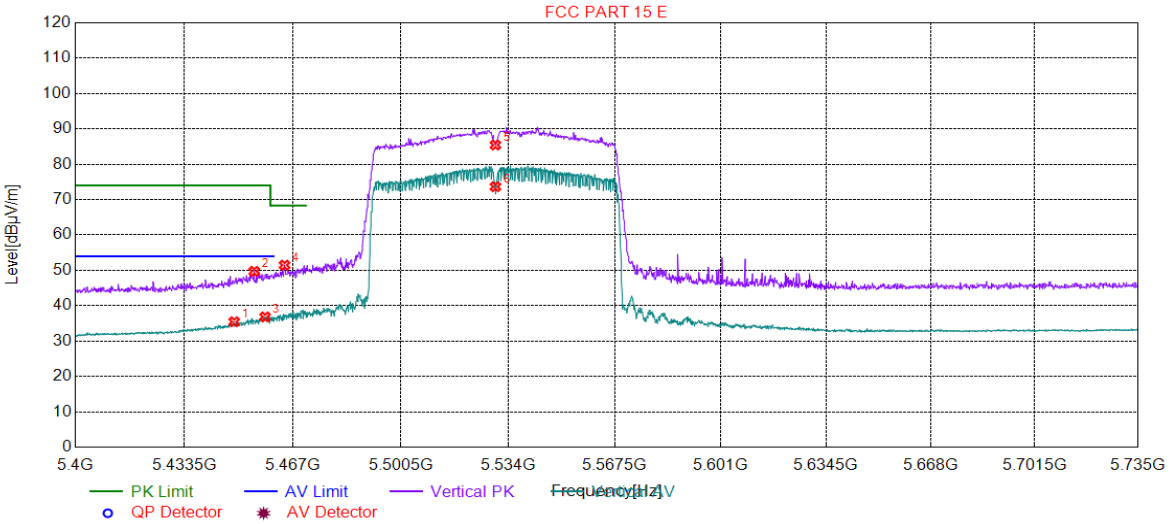
## 4.10.1.100 11AC80_106 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5448.76 | 35.47 | 16.25 | 54.00 | 18.53 | 150 | 193 | Vertical |
| 2 | 5454.96 | 49.72 | 16.25 | 74.00 | 24.28 | 150 | 193 | Vertical |
| 3 | 5458.31 | 36.84 | 16.25 | 54.00 | 17.16 | 150 | 193 | Vertical |
| 4 | 5464.35 | 51.47 | 16.25 | 68.30 | 16.83 | 150 | 193 | Vertical |
| 5 | 5530.00 | 85.44 | 16.35 | 0.00 | -85.44 | 150 | 193 | Vertical |
| 6 | 5530.00 | 73.65 | 16.35 | 0.00 | -73.65 | 150 | 193 | Vertical |

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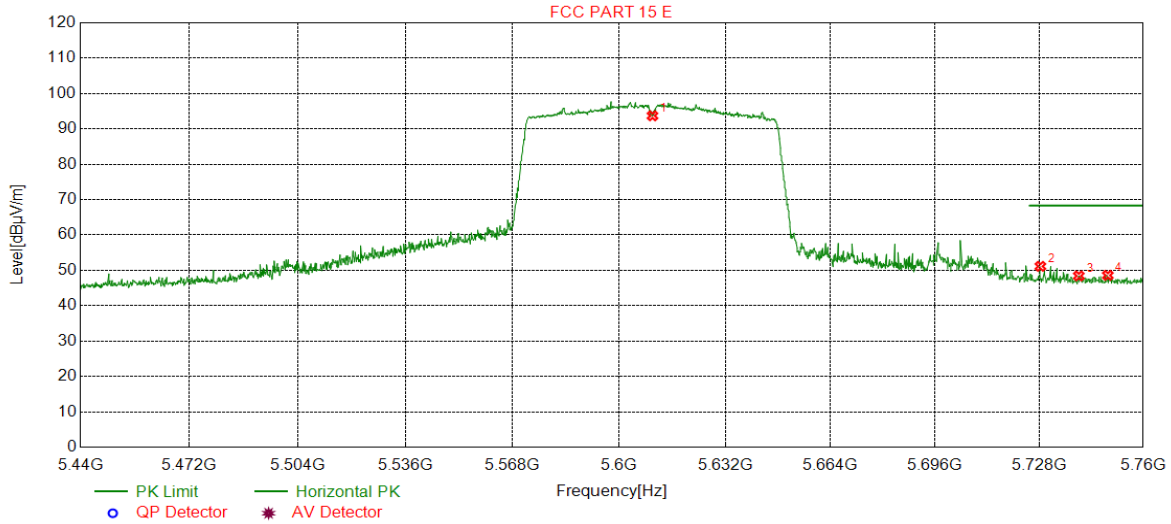
## 4.10.1.101 11AC80_122 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5610.00 | 93.70 | 16.58 | 0.00 | -93.70 | 150 | 226 | Horizontal |
| 2 | 5728.30 | 51.14 | 16.98 | 68.30 | 17.16 | 150 | 33 | Horizontal |
| 3 | 5740.15 | 48.43 | 17.06 | 68.30 | 19.87 | 150 | 331 | Horizontal |
| 4 | 5749.11 | 48.59 | 17.11 | 68.30 | 19.71 | 150 | 24 | Horizontal |

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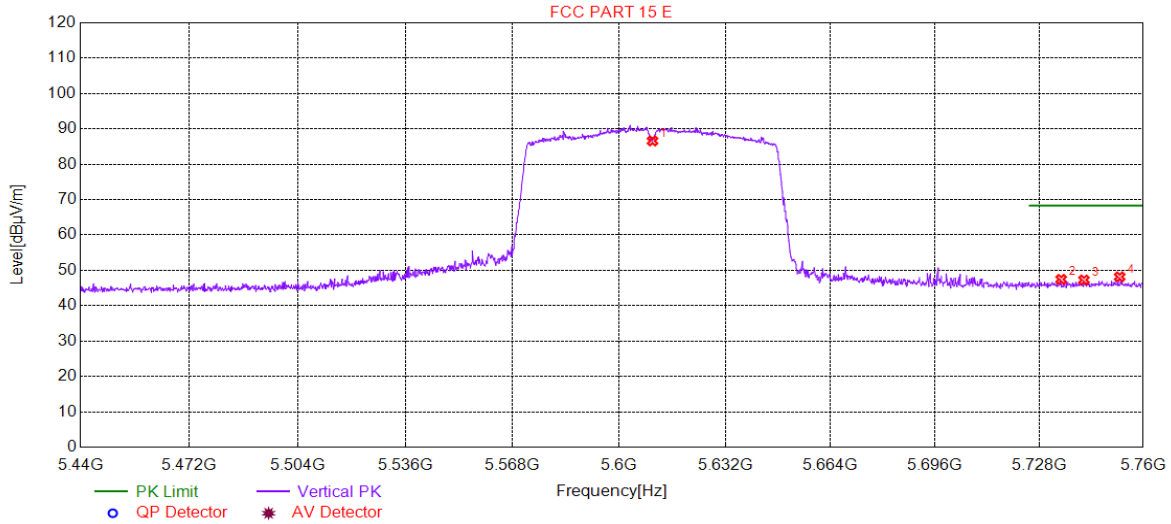
## 4.10.1.102 11AC80_122 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5610.00 | 86.60 | 16.58 | 0.00 | -86.60 | 150 | 255 | Vertical |
| 2 | 5734.70 | 47.46 | 17.02 | 68.30 | 20.84 | 150 | 16 | Vertical |
| 3 | 5741.75 | 47.28 | 17.07 | 68.30 | 21.02 | 150 | 16 | Vertical |
| 4 | 5752.79 | 48.17 | 17.12 | 68.30 | 20.13 | 150 | 192 | Vertical |

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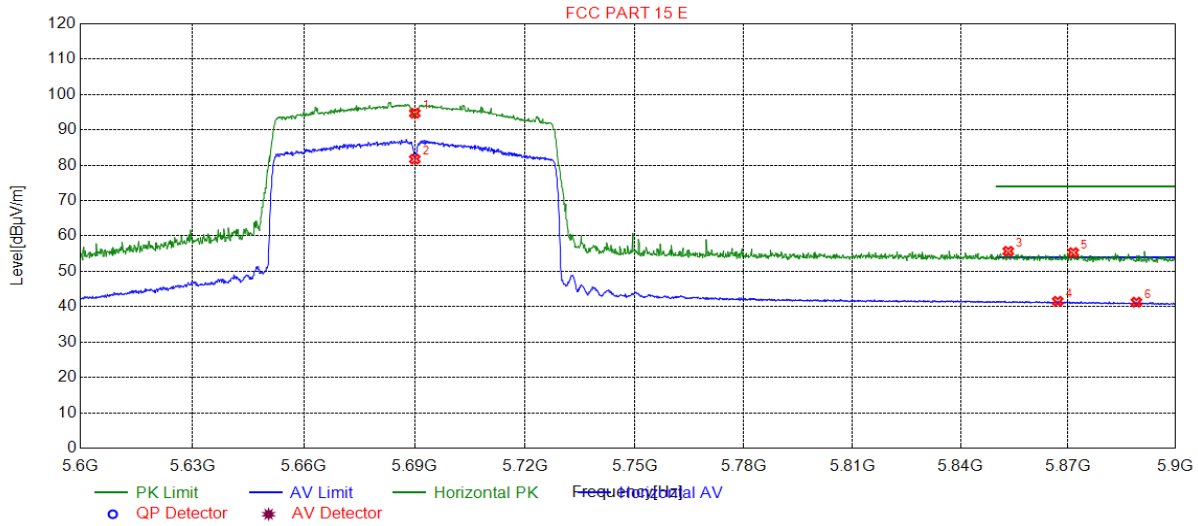
## 4.10.1.103 11AC80_138 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5690.00 | 94.70 | 16.75 | 0.00 | -94.70 | 150 | 9 | Horizontal |
| 2 | 5690.00 | 81.74 | 16.75 | 0.00 | -81.74 | 150 | 9 | Horizontal |
| 3 | 5853.32 | 55.68 | 17.25 | 74.00 | 18.32 | 150 | 154 | Horizontal |
| 4 | 5867.13 | 41.54 | 17.21 | 54.00 | 12.46 | 150 | 202 | Horizontal |
| 5 | 5871.48 | 55.30 | 17.20 | 74.00 | 18.70 | 150 | 126 | Horizontal |
| 6 | 5889.19 | 41.28 | 17.14 | 54.00 | 12.72 | 150 | 91 | Horizontal |

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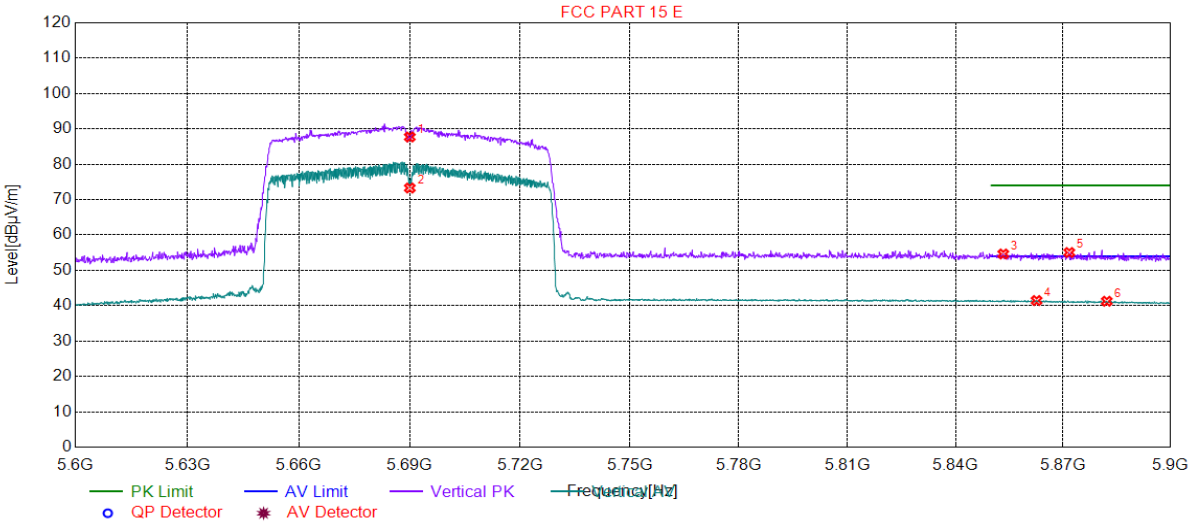
## 4.10.1.104 11AC80_138 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5690.00 | 87.71 | 16.75 | 0.00 | -87.71 | 150 | 186 | Vertical |
| 2 | 5690.00 | 73.28 | 16.75 | 0.00 | -73.28 | 150 | 220 | Vertical |
| 3 | 5853.32 | 54.63 | 17.25 | 74.00 | 19.37 | 150 | 56 | Vertical |
| 4 | 5862.63 | 41.47 | 17.22 | 54.00 | 12.53 | 150 | 338 | Vertical |
| 5 | 5871.78 | 55.05 | 17.19 | 74.00 | 18.95 | 150 | 186 | Vertical |
| 6 | 5882.29 | 41.27 | 17.16 | 54.00 | 12.73 | 150 | 269 | Vertical |

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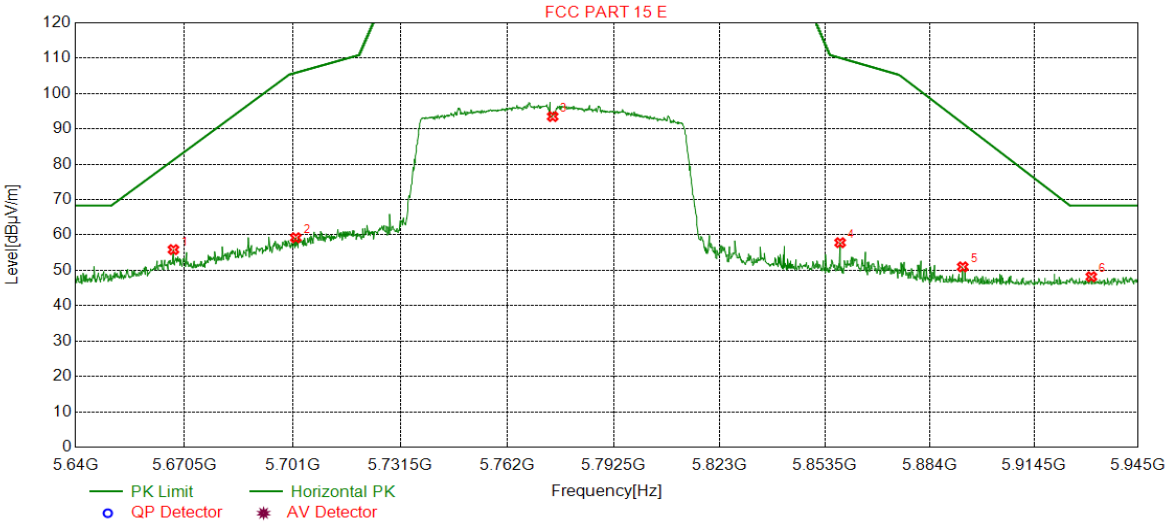
## 4.10.1.105 11AC80_155 ANT 1_ Horizontal




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5667.46 | 55.86 | 16.62 | 81.22 | 25.36 | 150 | 7 | Horizontal |
| 2 | 5701.94 | 59.22 | 16.81 | 105.84 | 46.62 | 150 | 34 | Horizontal |
| 3 | 5775.00 | 93.49 | 17.16 | 122.30 | 28.81 | 150 | 212 | Horizontal |
| 4 | 5857.87 | 57.82 | 17.24 | 110.09 | 52.27 | 150 | 344 | Horizontal |
| 5 | 5893.58 | 50.99 | 17.13 | 91.55 | 40.56 | 150 | 20 | Horizontal |
| 6 | 5931.26 | 48.19 | 17.59 | 68.30 | 20.11 | 150 | 344 | Horizontal |

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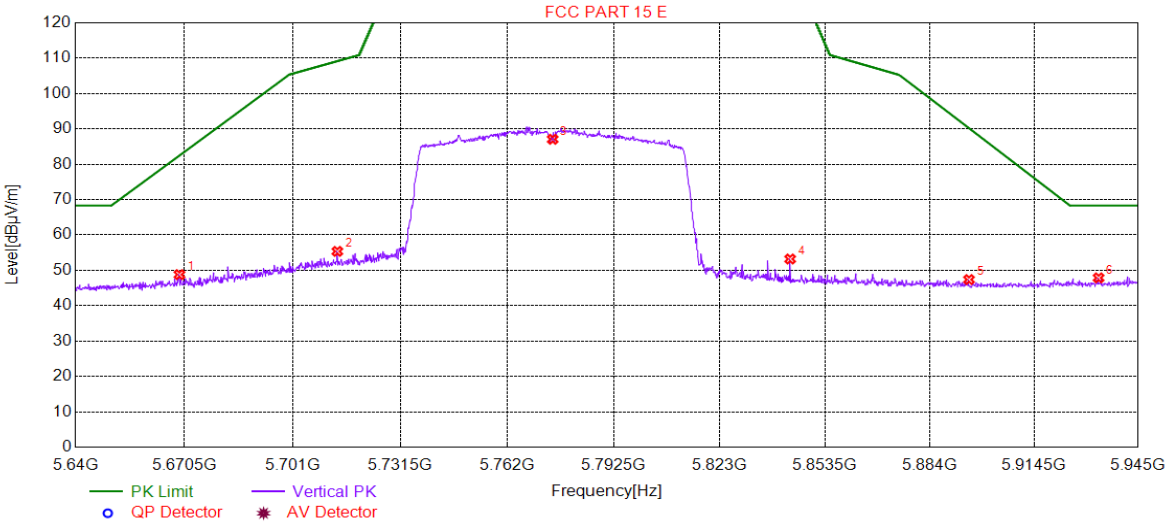
### 4.10.1.106 11AC80_155 ANT 1_ Vertical




**Suspected List**

| Suspected List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5669.14 | 48.80 | 16.63 | 82.47 | 33.67 | 150 | 183 | Vertical |
| 2 | 5713.69 | 55.37 | 16.89 | 109.13 | 53.76 | 150 | 211 | Vertical |
| 3 | 5775.00 | 87.06 | 17.16 | 122.30 | 35.24 | 150 | 211 | Vertical |
| 4 | 5843.38 | 53.21 | 17.25 | 122.30 | 69.09 | 150 | 106 | Vertical |
| 5 | 5895.41 | 47.40 | 17.12 | 90.19 | 42.79 | 150 | 51 | Vertical |
| 6 | 5933.40 | 47.88 | 17.62 | 68.30 | 20.42 | 150 | 207 | Vertical |

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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## 4.11 Frequencies Stability

### 4.11.1 Frequency Error vs. Voltage:

| Test Conditions | Measured Frequency ( MHz ) | |
|---|---|---|
| | 5180 | 5825 |
| V nom(V) | 5180.006570 | 5825.003271 |
| V max(V) | 5180.014860 | 5825.005254 |
| V min(V) | 5180.021923 | 5825.005352 |
| Max. Deviation Frequency | 0.021923 | 0.005352 |
| Max. Frequency Error (ppm) | 4.232242 | 0.918782 |

### 4.11.2 Frequency Error vs. Temperature:

| Test Conditions(°C) | Measured Frequency ( MHz ) | |
|---|---|---|
| | 5180 | 5825 |
| -5 | 5180.001976 | 5825.001644 |
| 5 | 5180.007552 | 5825.009889 |
| 15 | 5180.013642 | 5825.015061 |
| 25 | 5180.022309 | 5825.015395 |
| 35 | 5180.028049 | 5825.019354 |
| 45 | 5180.035694 | 5825.021281 |
| 50 | 5180.040895 | 5825.023078 |
| Max. Deviation Frequency | 0.040895 | 0.023078 |
| Max. Frequency Error (ppm) | 7.894741 | 3.961895 |

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## 4.12 Dynamic Frequency Selection

### 4.12.1 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. | | |

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### 4.12.2 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. | |

### 4.12.3 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. | |

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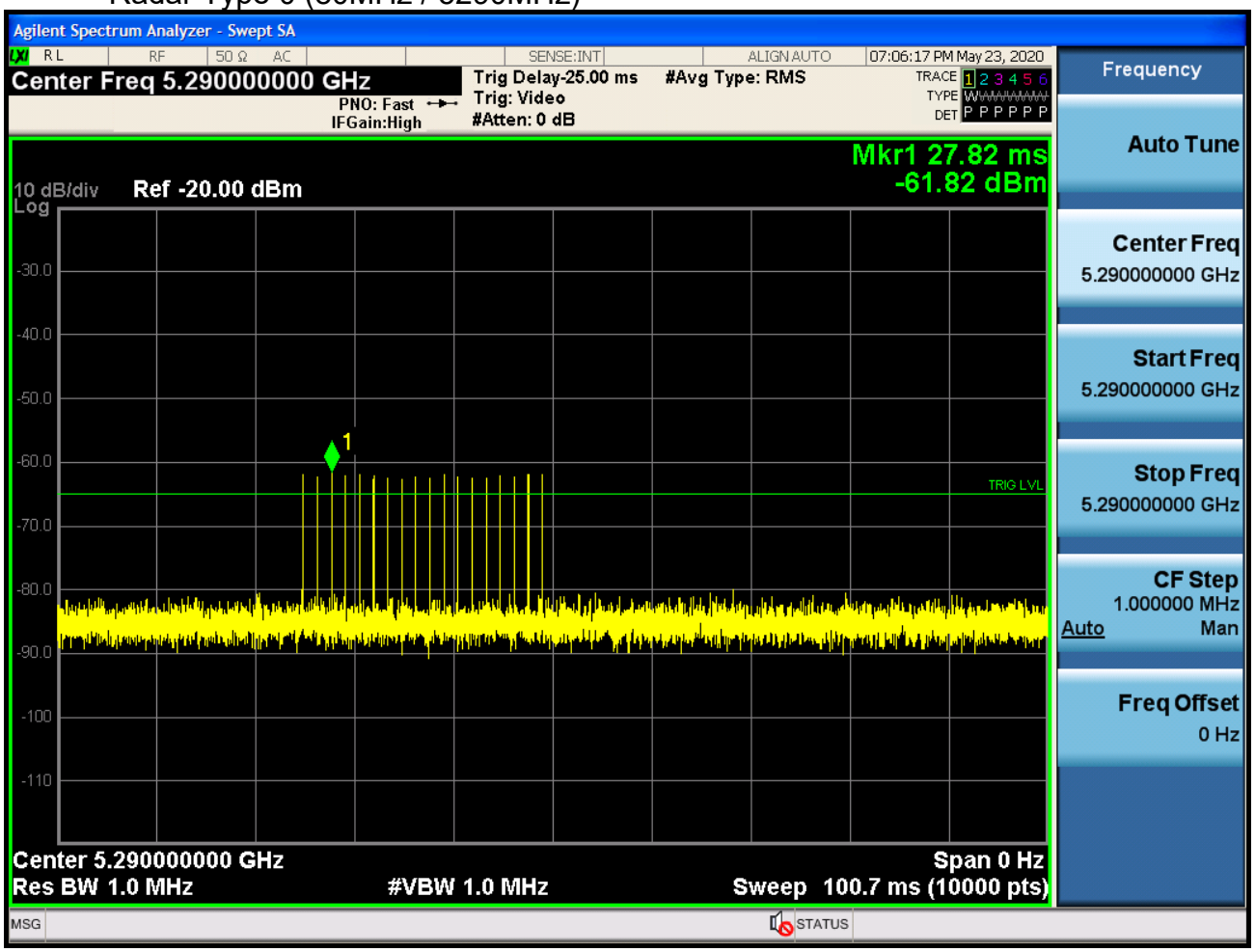
### 4.12.4 Test plots

#### 4.12.4.1 Radar Waveform Calibration Result

Radar Type 0 (80MHz / 5290MHz)

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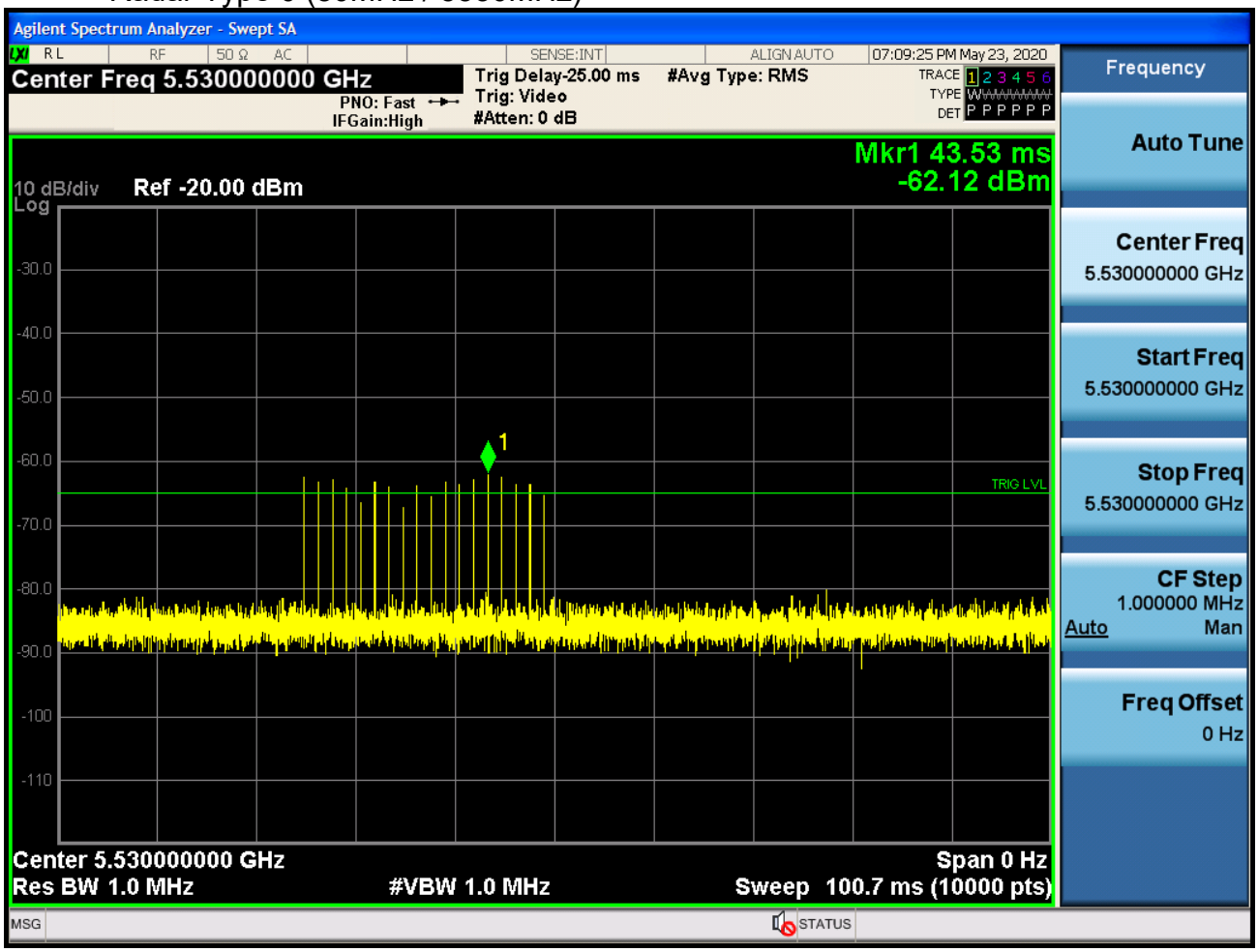
Radar Type 0 (80MHz / 5530MHz)

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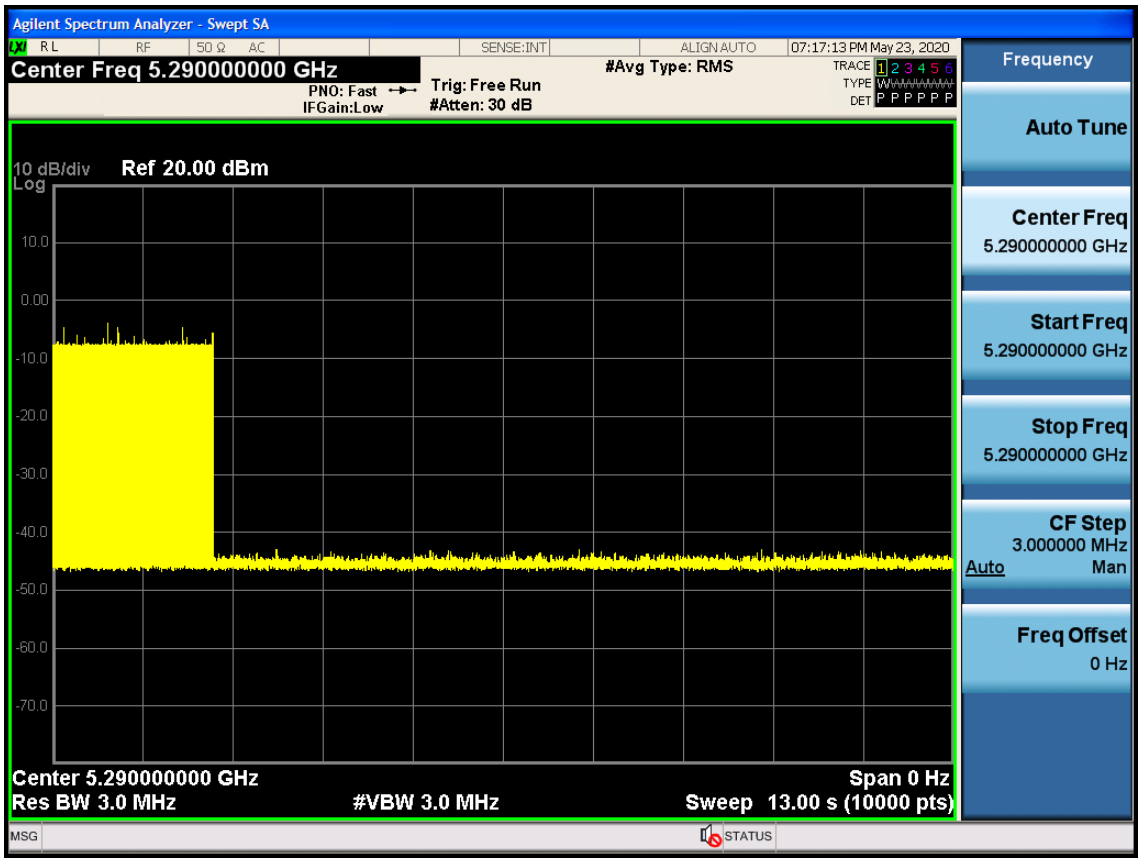
### 4.12.5 Test Data:

| BW/Channel | Test Item | Test Result | Limit | Results |
|---|---|---|---|---|
| 80MHz / 5290MHz | Channel Move Time | 0s | ＜10s | Pass |
| | Channel Closing Transmission Time | 41ms | ＜60ms | Pass |
| 80MHz / 5530MHz | Channel Move Time | 0s | ＜10s | Pass |
| | Channel Closing Transmission Time | 40ms | ＜60ms | Pass |

### 4.12.5.1 Test plots

### 4.12.5.1.1 Test Bandwidth/Channel= 80MHz / 5290MHz

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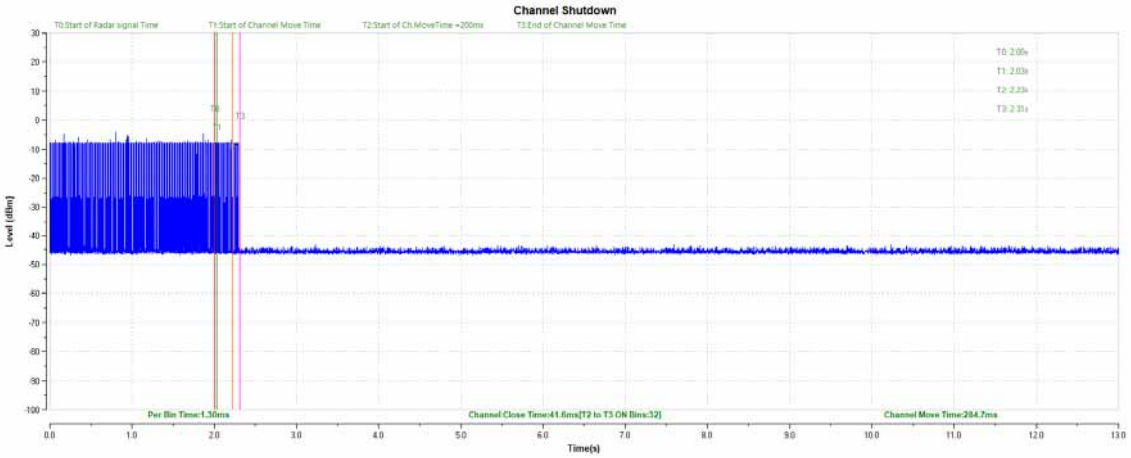


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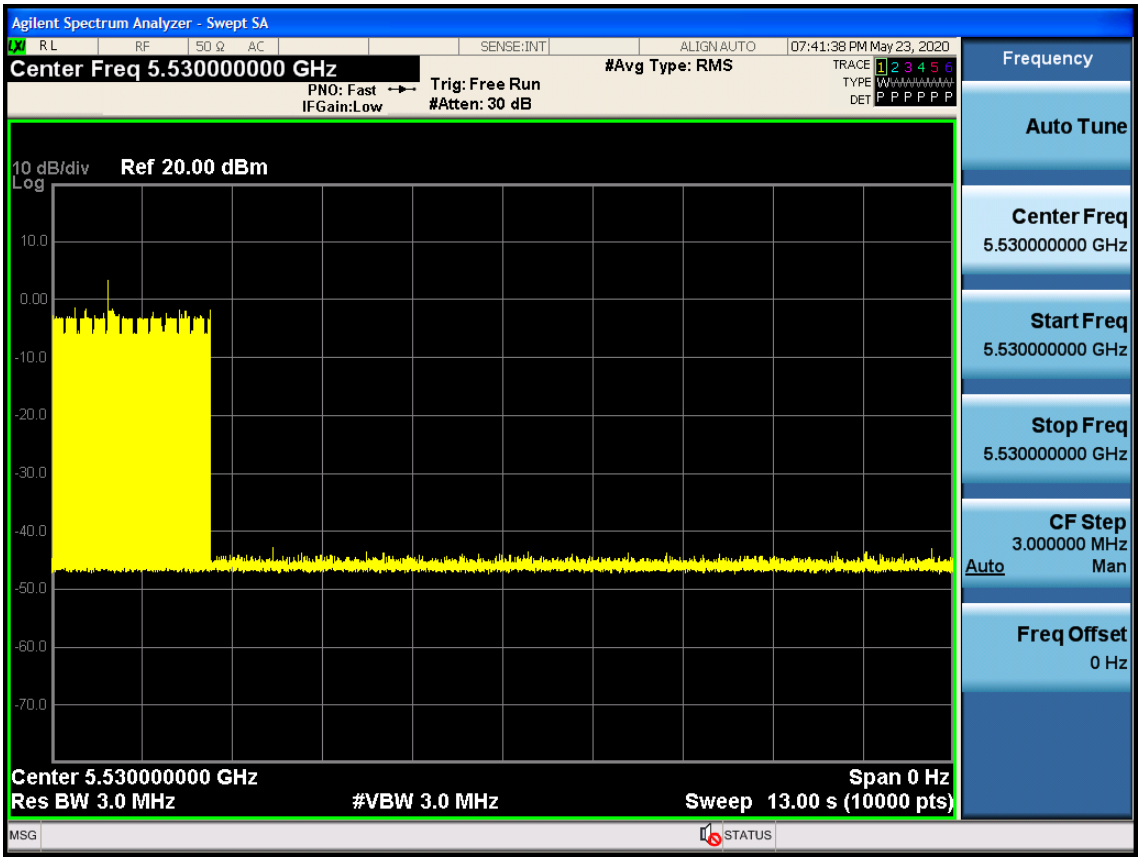
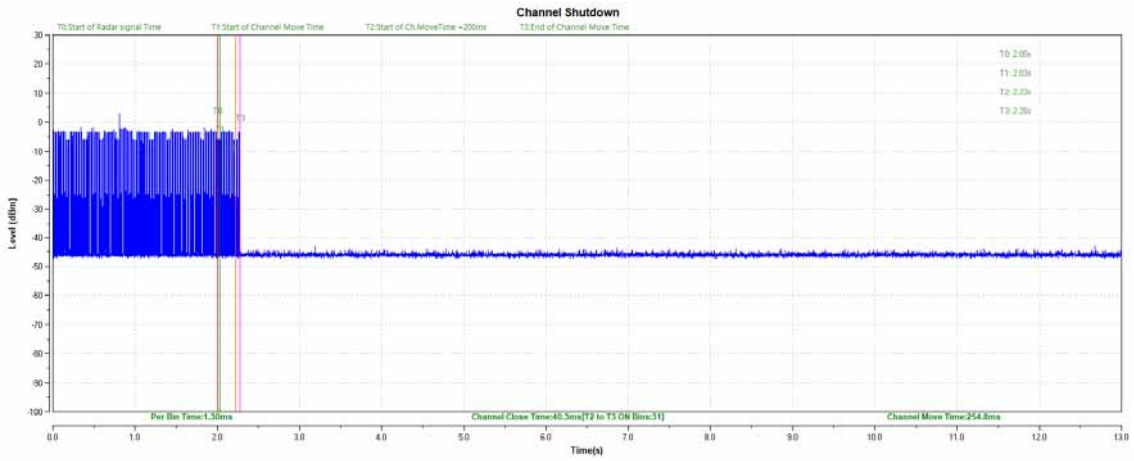
### 4.12.5.1.2 Test Bandwidth/ Channel =80MHz/5530MHz

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

| No. | Item | Measurement Uncertainty |
|---|---|---|
| 1 | Total RF power, conducted | ±0.75dB |
| 2 | RF power density, conducted | ±2.84dB |
| 3 | Spurious emissions, conducted | ±0.75dB |
| 4 | Radiated Spurious emission test | ±4.5dB (30MHz-1GHz) |
| | | ±4.8dB (1GHz-25GHz) |
| 5 | Conduct emission test | ±3.12 dB(9KHz- 30MHz) |
| 6 | Temperature test | ±1°C |
| 7 | Humidity test | ±3% |
| 8 | DC and low frequency voltages | ±0.5% |

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# 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 | 2020/5/10 | 2023/5/9 |
| LISN | Rohde & Schwarz | ENV216 | SEM007-01 | 2019/7/14 | 2020/7/14 |
| LISN | ETS-LINDGREN | Feb-16 | SEM007-02 | 2020/3/2 | 2021/3/1 |
| Measurement Software | AUDIX | e3 V5.4.1221d | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM024-01 | 2019/6/12 | 2020/6/11 |
| 8 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T8-02 | EMC0120 | 2020/2/11 | 2021/2/10 |
| 4 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T4-02 | EMC0121 | 2020/2/11 | 2021/2/10 |
| 2 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T2-02 | EMC0122 | 2020/2/11 | 2021/2/10 |
| EMI Test Receiver | Rohde & Schwarz | ESCI | SEM004-02 | 2020/3/2 | 2021/3/1 |

| 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 | 2019/7/14 | 2020/7/14 |
| Signal Analyzer | Rohde & Schwarz | FSV | W025-05 | 2020/3/2 | 2021/3/1 |
| Coaxial Cable | SGS | N/A | SEM031-01 | 2019/6/12 | 2020/6/11 |
| Attenuator | Weinschel Associates | WA41 | SEM021-09 | N/A | N/A |
| Signal Generator | KEYSIGHT | N5173B | SEM006-05 | 2019/7/14 | 2020/7/14 |
| Temperature Chamber | GIANT FORCE | ICT-150-40-CP-AR | W027-03 | 2019/10/27 | 2020/10/27 |
| Power Meter | Rohde & Schwarz | NRVS | SEM014-02 | 2019/7/14 | 2020/7/14 |
| Master Device | Linksys pte.Ltd | WRT32X | FCC ID:Q87-WRT3200ACM IC ID:3839A-WRT3200ACM | N/A | N/A |

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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)** |
| 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 | 2019/6/12 | 2020/6/11 |
| MXE EMI Receiver (20Hz-8.4GHz) | Agilent Technologies | N9038A | SEM004-05 | 2019/7/14 | 2020/7/14 |
| 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 | 2020/3/2 | 2021/3/1 |

| 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 | 2020/3/2 | 2021/3/1 |
| 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 | 2019/7/14 | 2020/7/14 |
| Low Noise Amplifier (100MHz-18GHz) | Black Diamond Series | BDLNA-0118-352810 | SEM005-05 | 2019/7/14 | 2020/7/14 |
| Pre-Amplifier(0.1-26.5GHz) | Compliance Directions Systems Inc. | PAP-0126 | EMC2063 | 2019/10/20 | 2020/10/19 |
| Pre-amplifier(26-40GHz) | Compliance Directions Systems Inc. | PAP-2640-50 | SEM005-08 | 2020/3/2 | 2021/3/1 |
| 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 | 2019/6/12 | 2020/6/11 |

# 7 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for ZR/2020/50001.

The End

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