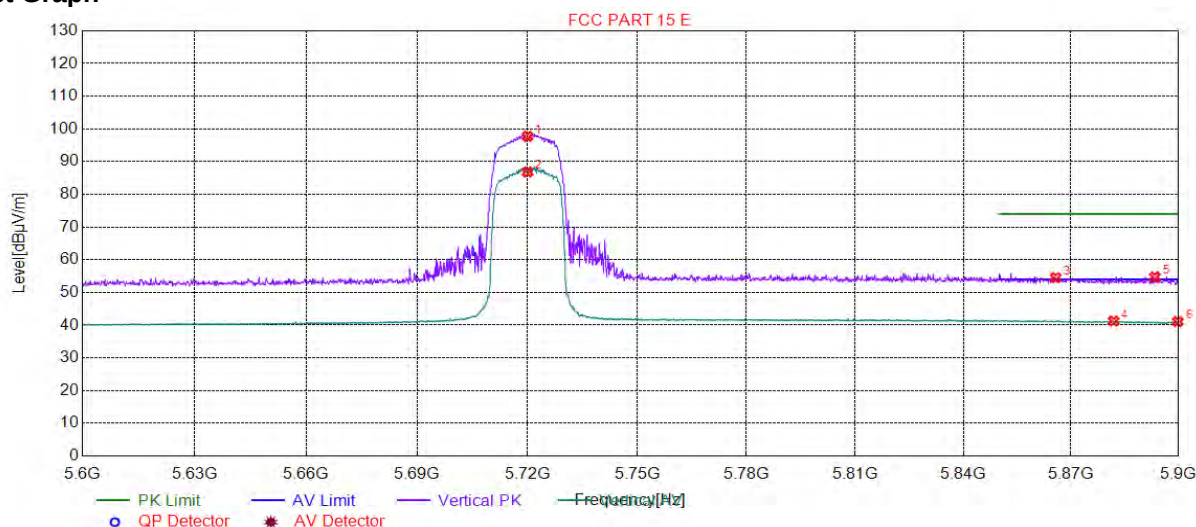


#### 4.10.1.32 802.11N20\_Channel 144

##### Test Graph



##### Suspected List

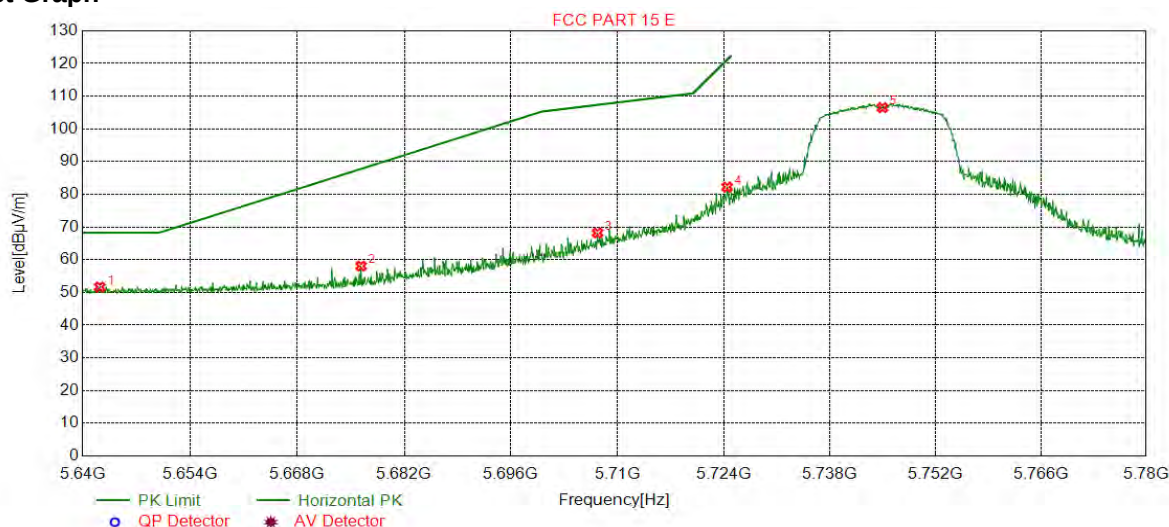
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5720.00     | 97.74          | 16.93       | 0.00           | -97.74      | 278         | 257       | Vertical |
| 2              | 5720.00     | 86.84          | 16.93       | 0.00           | -86.84      | 194         | 250       | Vertical |
| 3              | 5865.78     | 54.59          | 17.21       | 74.00          | 19.41       | 227         | 353       | Vertical |
| 4              | 5881.99     | 41.28          | 17.16       | 54.00          | 12.72       | 233         | 160       | Vertical |
| 5              | 5893.54     | 54.78          | 17.13       | 74.00          | 19.22       | 188         | 36        | Vertical |
| 6              | 5900.00     | 41.09          | 17.11       | 54.00          | 12.91       | 253         | 167       | Vertical |

##### Final Data List



## 4.10.1.33 802.11N20\_Channel 149

## Test Graph



## Suspected List

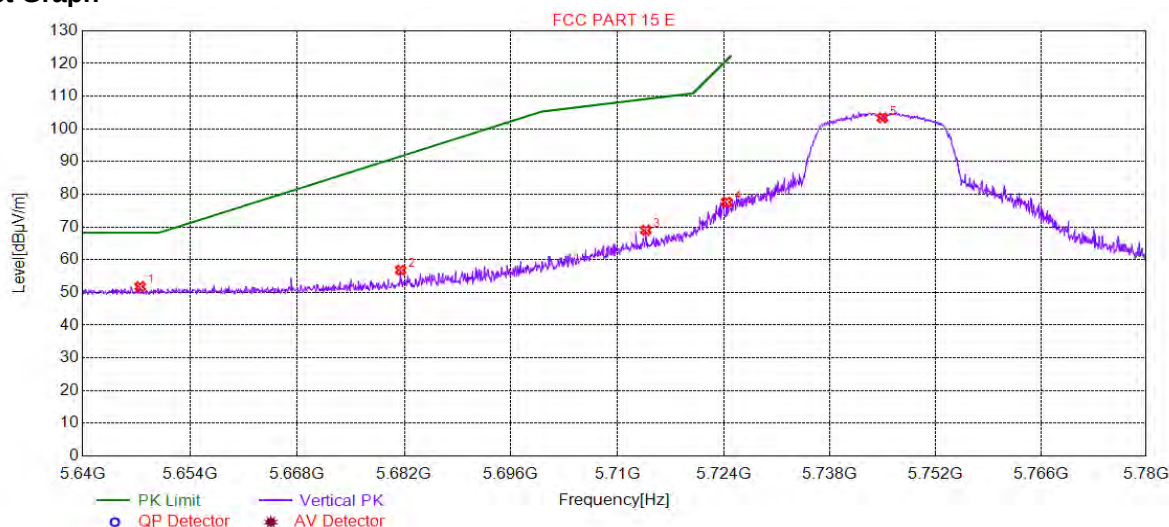
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5642.24     | 51.69          | 16.54       | 68.30          | 16.61       | 234         | 161       | Horizontal |
| 2              | 5676.34     | 58.09          | 16.67       | 87.80          | 29.71       | 177         | 304       | Horizontal |
| 3              | 5707.37     | 68.22          | 16.85       | 107.36         | 39.14       | 196         | 327       | Horizontal |
| 4              | 5724.46     | 82.23          | 16.96       | 121.07         | 38.84       | 154         | 212       | Horizontal |
| 5              | 5745.00     | 106.51         | 17.09       | 0.00           | -106.51     | 209         | 331       | Horizontal |

## Final Data List



#### 4.10.1.34 802.11N20\_Channel 149

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5647.49     | 51.80          | 16.53       | 68.30          | 16.50       | 157         | 65        | Vertical |
| 2              | 5681.53     | 56.85          | 16.70       | 91.63          | 34.78       | 204         | 79        | Vertical |
| 3              | 5713.74     | 69.01          | 16.89       | 109.15         | 40.14       | 273         | 255       | Vertical |
| 4              | 5724.39     | 77.65          | 16.96       | 120.91         | 43.26       | 260         | 148       | Vertical |
| 5              | 5745.00     | 103.42         | 17.09       | 0.00           | -103.42     | 169         | 38        | Vertical |

##### Final Data List

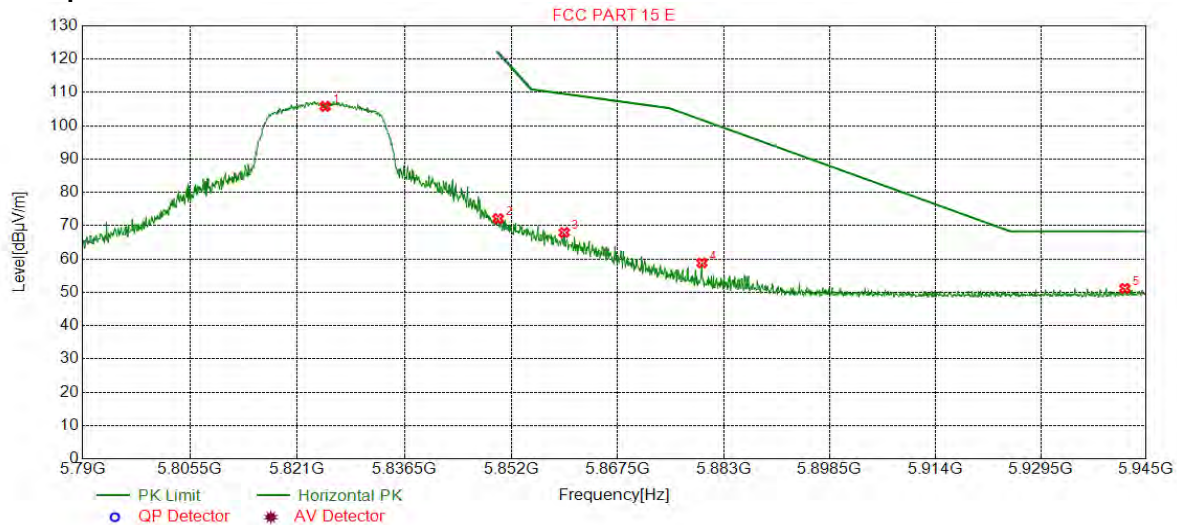


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## 4.10.1.35 802.11N20\_Channel 165

## Test Graph



## Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5825.00     | 105.81         | 17.23       | 0.00           | -105.81     | 202         | 326       | Horizontal |
| 2              | 5850.09     | 72.14          | 17.26       | 122.09         | 49.95       | 150         | 336       | Horizontal |
| 3              | 5859.70     | 67.96          | 17.23       | 109.58         | 41.62       | 225         | 249       | Horizontal |
| 4              | 5879.78     | 58.84          | 17.17       | 101.76         | 42.92       | 206         | 212       | Horizontal |
| 5              | 5941.89     | 51.22          | 17.76       | 68.30          | 17.08       | 225         | 344       | Horizontal |

## Final Data List



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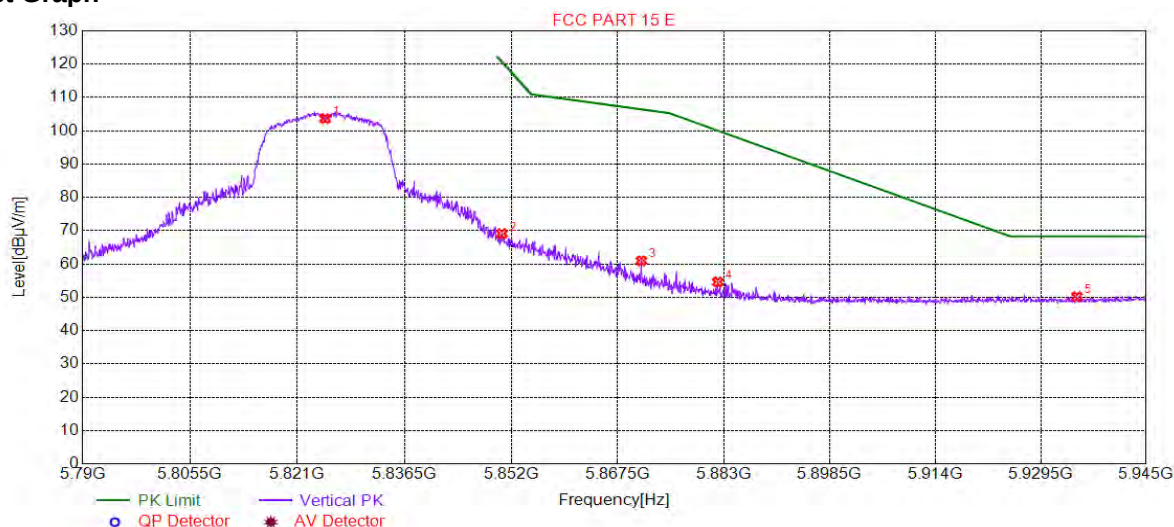
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#### 4.10.1.36 802.11N20\_Channel 165

##### Test Graph



##### Suspected List

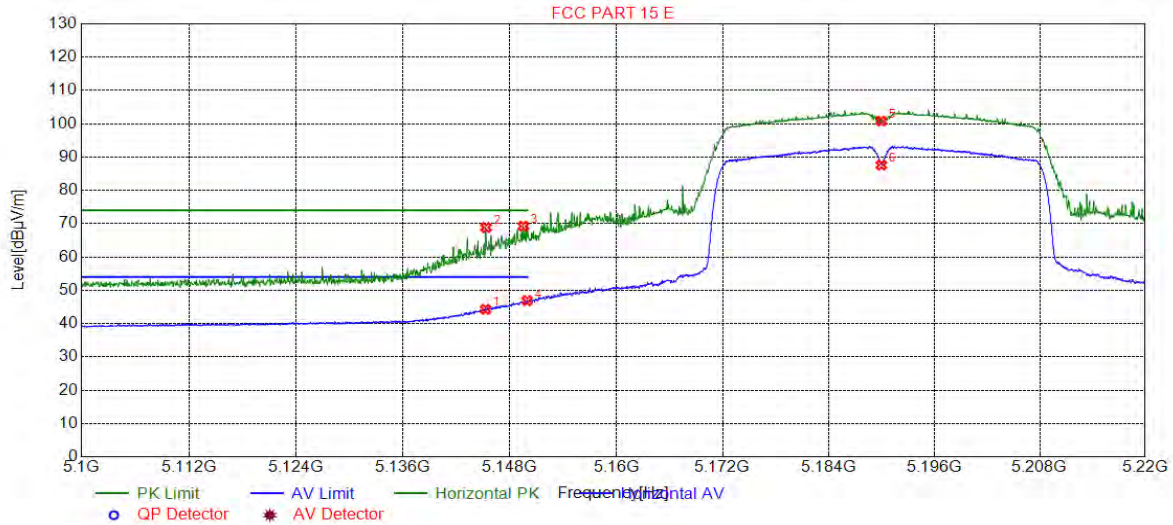
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5825.00     | 103.65         | 17.23       | 0.00           | -103.65     | 154         | 222       | Vertical |
| 2              | 5850.63     | 69.12          | 17.26       | 120.85         | 51.73       | 273         | 172       | Vertical |
| 3              | 5870.95     | 60.98          | 17.20       | 106.43         | 45.45       | 265         | 56        | Vertical |
| 4              | 5882.11     | 54.62          | 17.16       | 100.03         | 45.41       | 278         | 153       | Vertical |
| 5              | 5934.84     | 50.19          | 17.65       | 68.30          | 18.11       | 194         | 194       | Vertical |

##### Final Data List



#### 4.10.1.37 802.11N40\_Channel 38

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5145.26     | 44.31          | 15.48       | 54.00          | 9.69        | 175         | 5         | Horizontal |
| 2              | 5145.32     | 68.88          | 15.48       | 74.00          | 5.12        | 179         | 346       | Horizontal |
| 3              | 5149.52     | 69.27          | 15.52       | 74.00          | 4.73        | 104         | 1         | Horizontal |
| 4              | 5149.94     | 46.92          | 15.52       | 54.00          | 7.08        | 141         | 5         | Horizontal |
| 5              | 5190.00     | 100.83         | 15.58       | 0.00           | -100.83     | 110         | 5         | Horizontal |
| 6              | 5190.00     | 87.59          | 15.58       | 0.00           | -87.59      | 189         | 11        | Horizontal |

##### Final Data List



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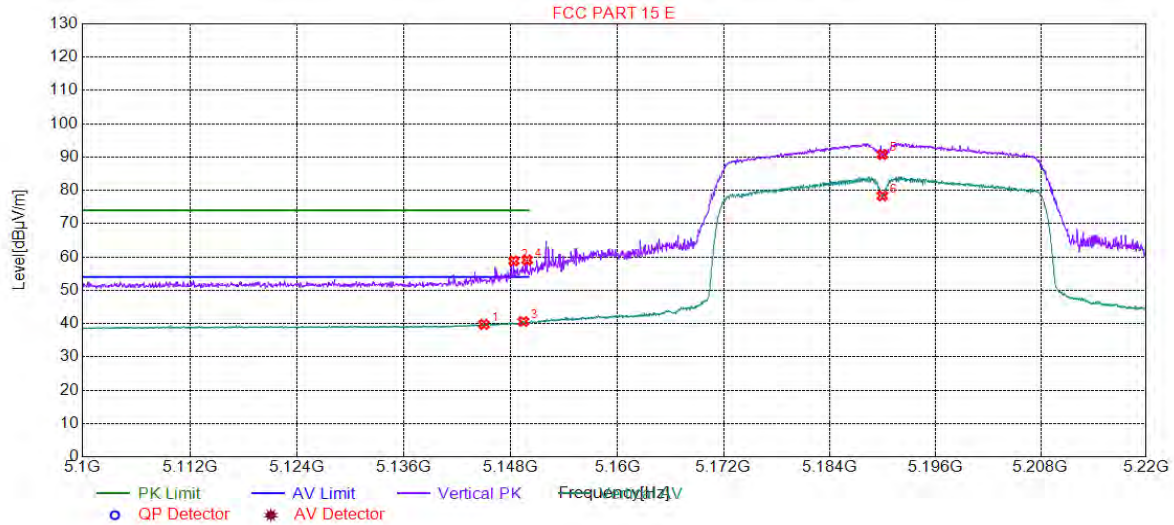
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#### 4.10.1.38 802.11N40\_Channel 38

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5144.96     | 39.80          | 15.48       | 54.00          | 14.20       | 253         | 194       | Vertical |
| 2              | 5148.32     | 58.85          | 15.51       | 74.00          | 15.15       | 187         | 249       | Vertical |
| 3              | 5149.40     | 40.65          | 15.51       | 54.00          | 13.35       | 151         | 150       | Vertical |
| 4              | 5149.82     | 59.11          | 15.52       | 74.00          | 14.89       | 236         | 188       | Vertical |
| 5              | 5190.00     | 90.75          | 15.58       | 0.00           | -90.75      | 264         | 183       | Vertical |
| 6              | 5190.00     | 78.37          | 15.58       | 0.00           | -78.37      | 230         | 161       | Vertical |

##### Final Data List



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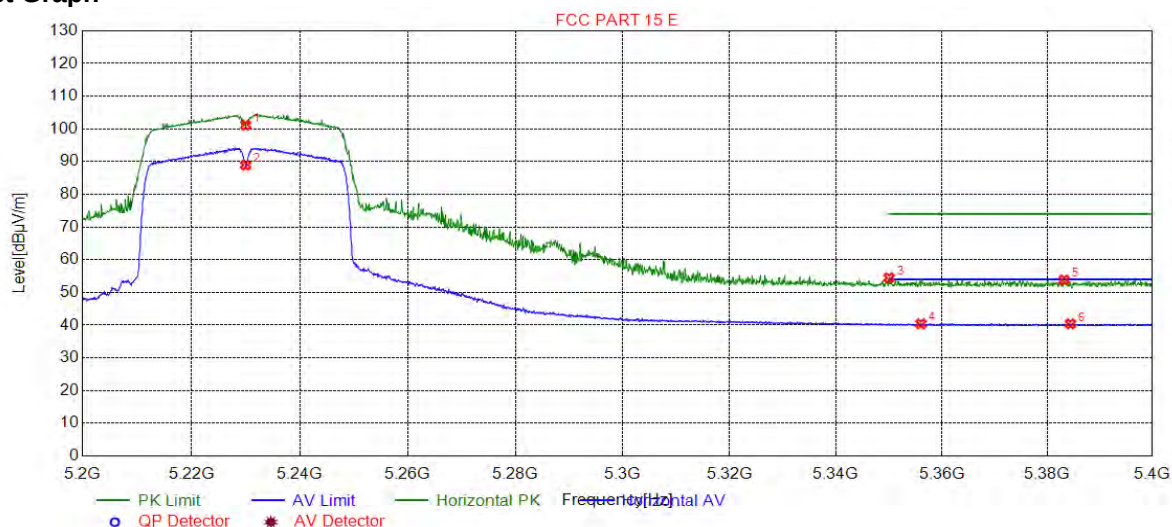
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#### 4.10.1.39 802.11N40\_Channel 46

##### Test Graph



##### Suspected List

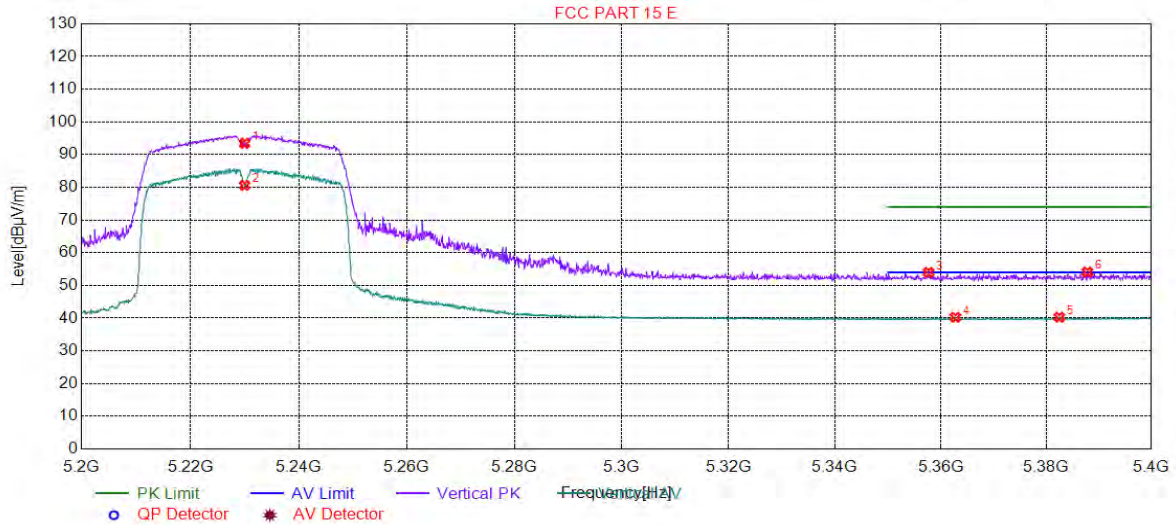
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5230.00     | 101.15         | 15.51       | 0.00           | -101.15     | 187         | 344       | Horizontal |
| 2              | 5230.00     | 88.90          | 15.51       | 0.00           | -88.90      | 199         | 344       | Horizontal |
| 3              | 5350.07     | 54.51          | 15.94       | 74.00          | 19.49       | 201         | 3         | Horizontal |
| 4              | 5356.07     | 40.43          | 15.98       | 54.00          | 13.57       | 107         | 344       | Horizontal |
| 5              | 5383.19     | 53.84          | 16.15       | 74.00          | 20.16       | 173         | 235       | Horizontal |
| 6              | 5384.39     | 40.42          | 16.15       | 54.00          | 13.58       | 153         | 344       | Horizontal |

##### Final Data List



#### 4.10.1.40 802.11N40\_Channel 46

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5230.00     | 93.47          | 15.51       | 0.00           | -93.47      | 205         | 181       | Vertical |
| 2              | 5230.00     | 80.60          | 15.51       | 0.00           | -80.60      | 241         | 167       | Vertical |
| 3              | 5357.67     | 54.02          | 15.99       | 74.00          | 19.98       | 242         | 42        | Vertical |
| 4              | 5362.78     | 40.28          | 16.02       | 54.00          | 13.72       | 178         | 56        | Vertical |
| 5              | 5382.49     | 40.30          | 16.14       | 54.00          | 13.70       | 247         | 323       | Vertical |
| 6              | 5387.79     | 54.13          | 16.17       | 74.00          | 19.87       | 250         | 235       | Vertical |

##### Final Data List



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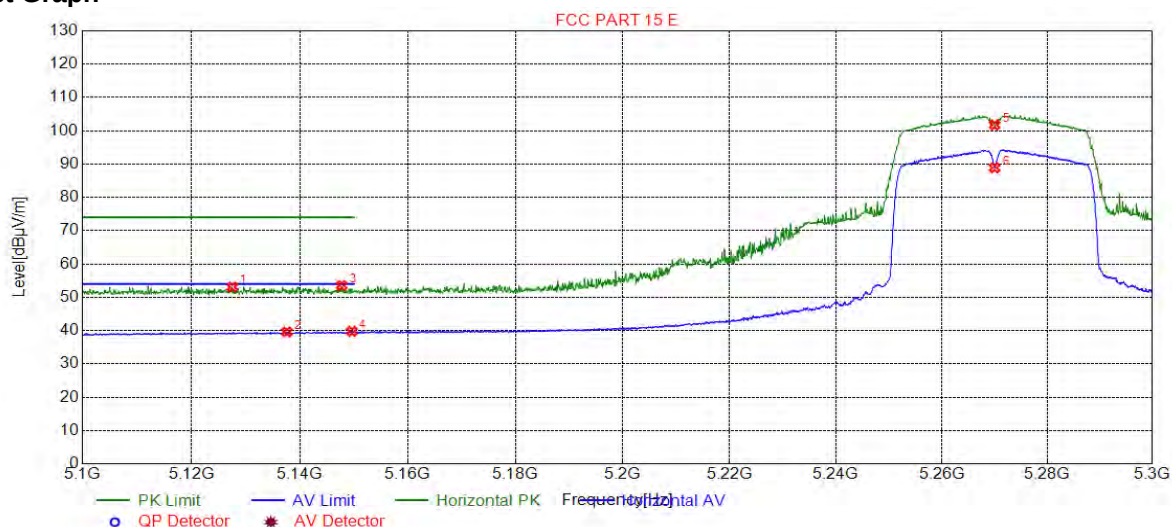
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## 4.10.1.41 802.11N40\_Channel 54

## Test Graph



## Suspected List

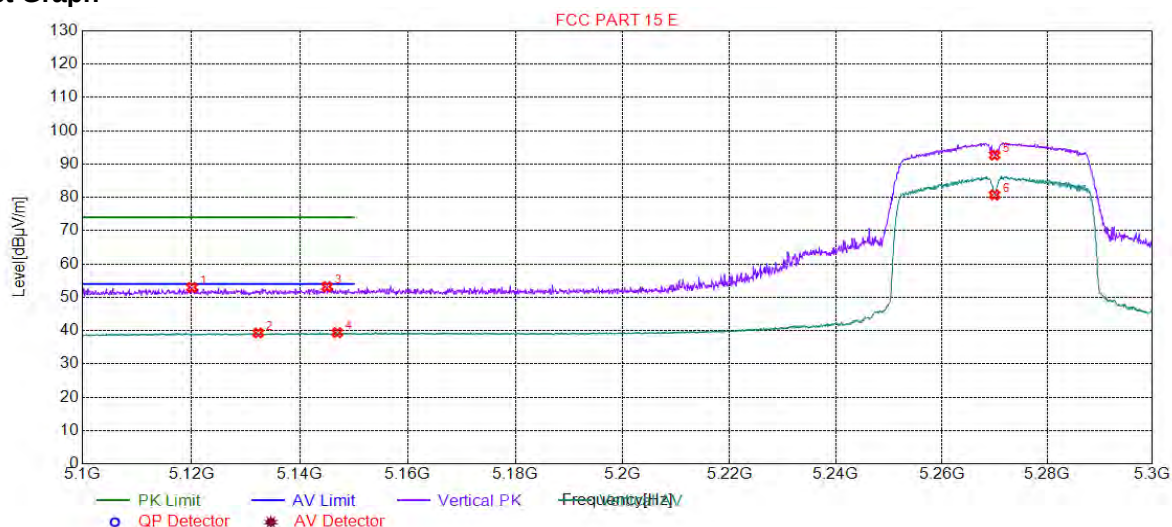
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5127.51     | 53.12          | 15.33       | 74.00          | 20.88       | 148         | 172       | Horizontal |
| 2              | 5137.61     | 39.63          | 15.41       | 54.00          | 14.37       | 162         | 344       | Horizontal |
| 3              | 5147.72     | 53.56          | 15.50       | 74.00          | 20.44       | 117         | 303       | Horizontal |
| 4              | 5149.62     | 39.82          | 15.52       | 54.00          | 14.18       | 183         | 344       | Horizontal |
| 5              | 5270.00     | 101.73         | 15.56       | 0.00           | -101.73     | 106         | 344       | Horizontal |
| 6              | 5270.00     | 88.88          | 15.56       | 0.00           | -88.88      | 188         | 1         | Horizontal |

## Final Data List



#### 4.10.1.42 802.11N40\_Channel 54

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5120.11     | 53.00          | 15.26       | 74.00          | 21.00       | 273         | 70        | Vertical |
| 2              | 5132.31     | 39.32          | 15.37       | 54.00          | 14.68       | 189         | 15        | Vertical |
| 3              | 5145.02     | 53.19          | 15.48       | 74.00          | 20.81       | 249         | 126       | Vertical |
| 4              | 5146.92     | 39.42          | 15.49       | 54.00          | 14.58       | 157         | 270       | Vertical |
| 5              | 5270.00     | 92.72          | 15.56       | 0.00           | -92.72      | 283         | 160       | Vertical |
| 6              | 5270.00     | 80.75          | 15.56       | 0.00           | -80.75      | 289         | 160       | Vertical |

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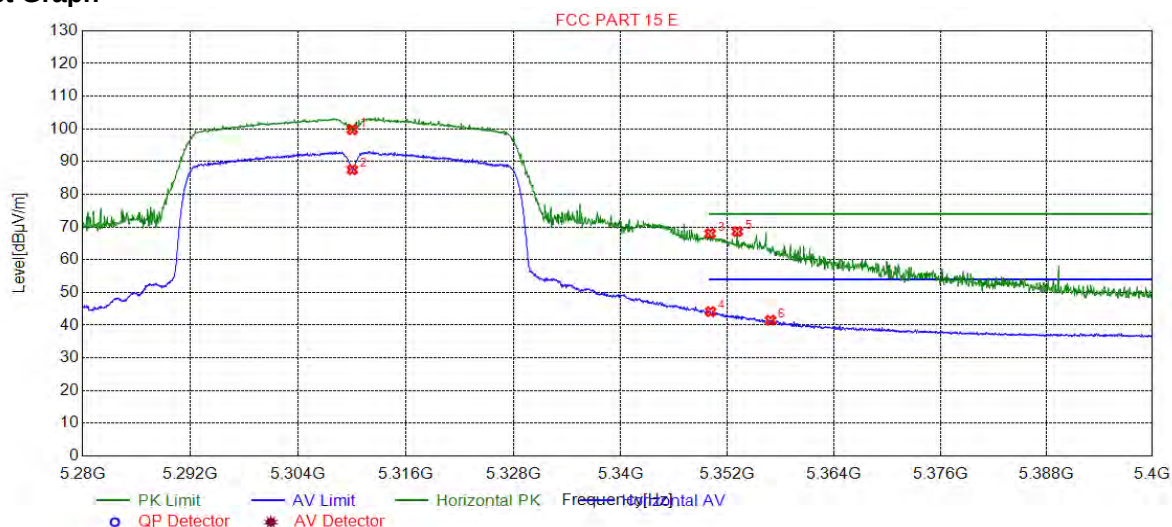
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#### 4.10.1.43 802.11N40\_Channel 62

##### Test Graph



##### Suspected List

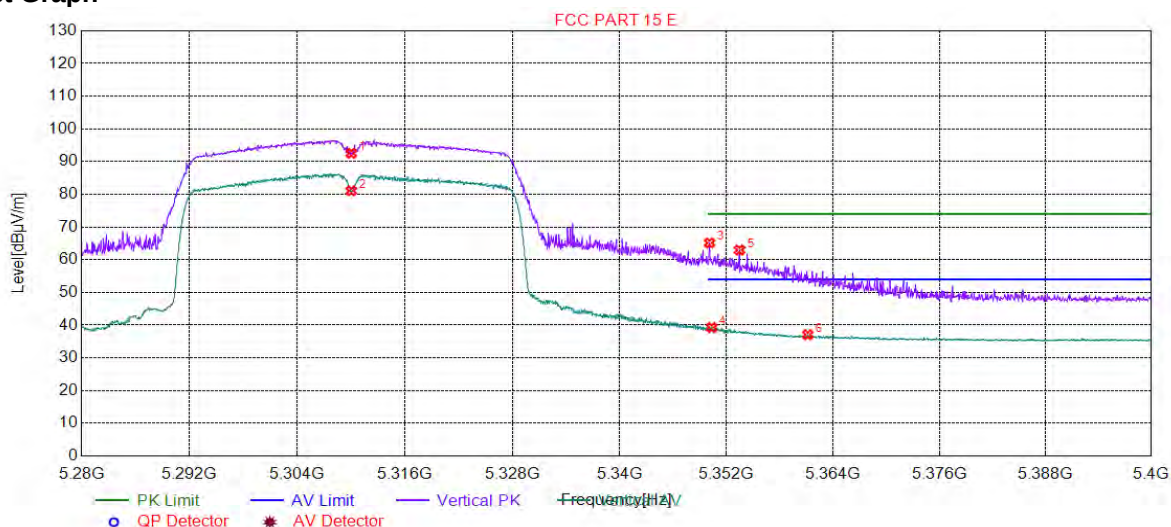
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 5310.00     | 99.79          | 15.75       | 0.00           | -99.79      | 139         | 345       | Horizontal |
| 2   | 5310.00     | 87.53          | 15.75       | 0.00           | -87.53      | 201         | 345       | Horizontal |
| 3   | 5350.05     | 68.03          | 15.94       | 74.00          | 5.97        | 150         | 338       | Horizontal |
| 4   | 5350.11     | 44.14          | 15.94       | 54.00          | 9.86        | 102         | 345       | Horizontal |
| 5   | 5353.11     | 68.63          | 15.96       | 74.00          | 5.37        | 167         | 345       | Horizontal |
| 6   | 5356.83     | 41.51          | 15.98       | 54.00          | 12.49       | 215         | 345       | Horizontal |

##### Final Data List



#### 4.10.1.44 802.11N40\_Channel 62

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5310.00     | 92.56          | 15.75       | 0.00           | -92.56      | 261         | 144       | Vertical |
| 2              | 5310.00     | 81.08          | 15.75       | 0.00           | -81.08      | 273         | 158       | Vertical |
| 3              | 5350.11     | 65.16          | 15.94       | 74.00          | 8.84        | 196         | 254       | Vertical |
| 4              | 5350.35     | 39.28          | 15.94       | 54.00          | 14.72       | 183         | 165       | Vertical |
| 5              | 5353.47     | 62.99          | 15.96       | 74.00          | 11.01       | 157         | 158       | Vertical |
| 6              | 5361.16     | 37.09          | 16.01       | 54.00          | 16.91       | 185         | 165       | Vertical |

##### Final Data List

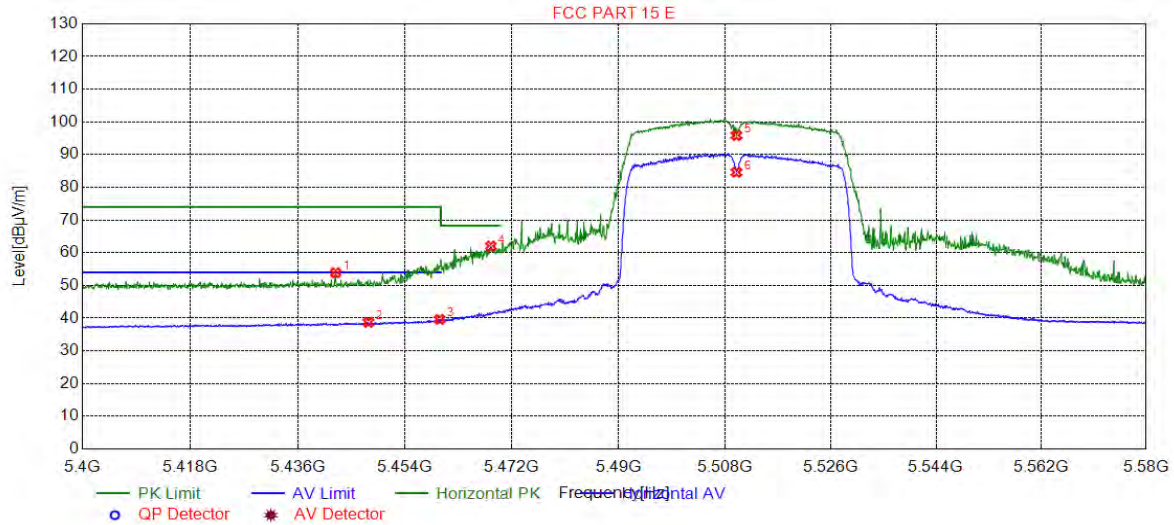


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#### 4.10.1.45 802.11N40\_Channel 102

##### Test Graph



##### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 5442.32     | 53.87          | 16.25       | 74.00          | 20.13       | 184         | 338       | Horizontal |
| 2   | 5447.81     | 38.73          | 16.25       | 54.00          | 15.27       | 100         | 344       | Horizontal |
| 3   | 5459.78     | 39.63          | 16.25       | 54.00          | 14.37       | 244         | 344       | Horizontal |
| 4   | 5468.43     | 62.03          | 16.25       | 68.30          | 6.27        | 215         | 269       | Horizontal |
| 5   | 5510.00     | 95.87          | 16.28       | 0.00           | -95.87      | 103         | 344       | Horizontal |
| 6   | 5510.00     | 84.62          | 16.28       | 0.00           | -84.62      | 168         | 338       | Horizontal |

##### Final Data List



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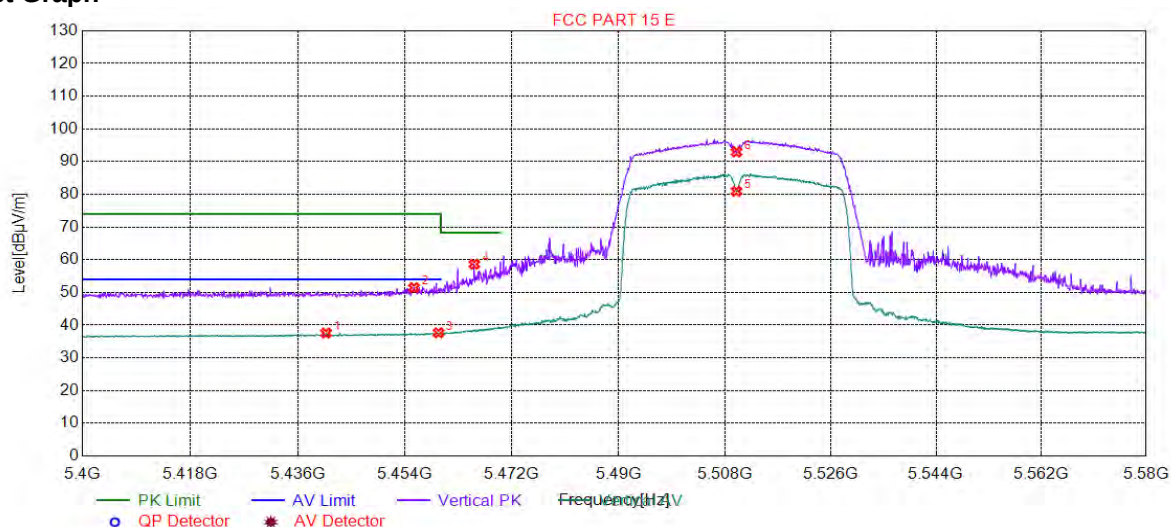
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#### 4.10.1.46 802.11N40\_Channel 102

##### Test Graph



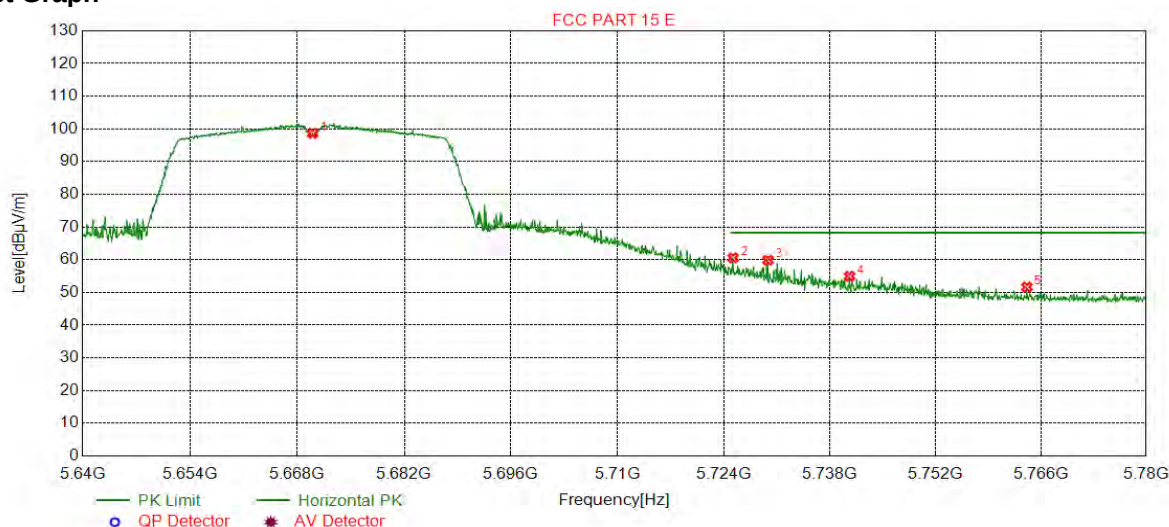
##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5440.70     | 37.59          | 16.25       | 54.00          | 16.41       | 279         | 305       | Vertical |
| 2              | 5455.46     | 51.46          | 16.25       | 74.00          | 22.54       | 156         | 298       | Vertical |
| 3              | 5459.60     | 37.68          | 16.25       | 54.00          | 16.32       | 205         | 140       | Vertical |
| 4              | 5465.64     | 58.64          | 16.25       | 68.30          | 9.66        | 248         | 43        | Vertical |
| 5              | 5510.00     | 80.94          | 16.28       | 0.00           | -80.94      | 198         | 256       | Vertical |
| 6              | 5510.00     | 92.95          | 16.28       | 0.00           | -92.95      | 297         | 133       | Vertical |

##### Final Data List

#### 4.10.1.47 802.11N40\_Channel 134

##### Test Graph



##### Suspected List

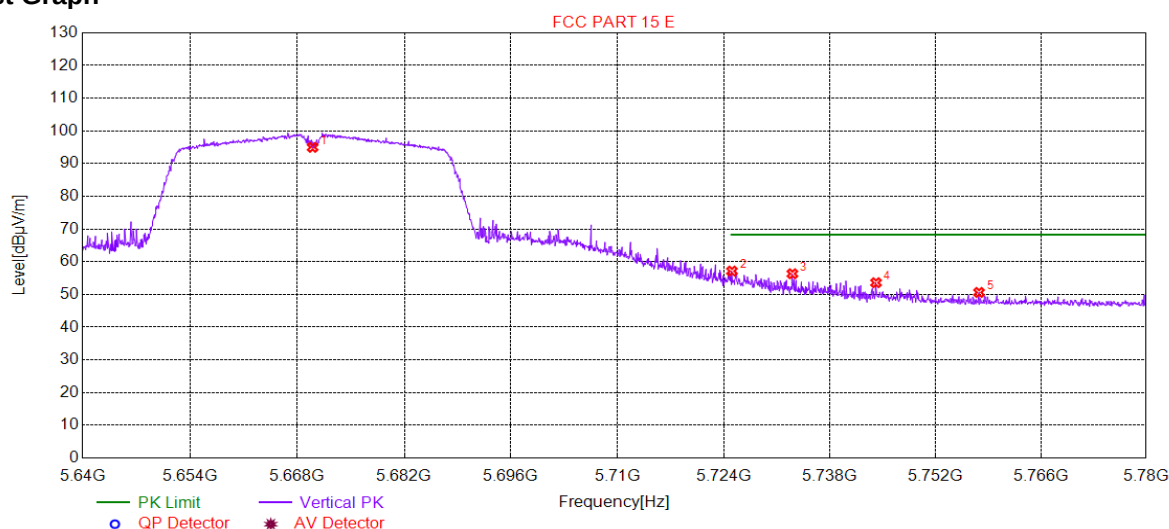
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5670.00     | 98.69          | 16.64       | 0.00           | -98.69      | 214         | 317       | Horizontal |
| 2              | 5725.23     | 60.61          | 16.96       | 68.30          | 7.69        | 173         | 266       | Horizontal |
| 3              | 5729.85     | 59.91          | 16.99       | 68.30          | 8.39        | 216         | 317       | Horizontal |
| 4              | 5740.64     | 54.96          | 17.06       | 68.30          | 13.34       | 188         | 330       | Horizontal |
| 5              | 5764.17     | 51.65          | 17.14       | 68.30          | 16.65       | 112         | 247       | Horizontal |

##### Final Data List



#### 4.10.1.48 802.11N40\_Channel 134

##### Test Graph



##### Suspected List

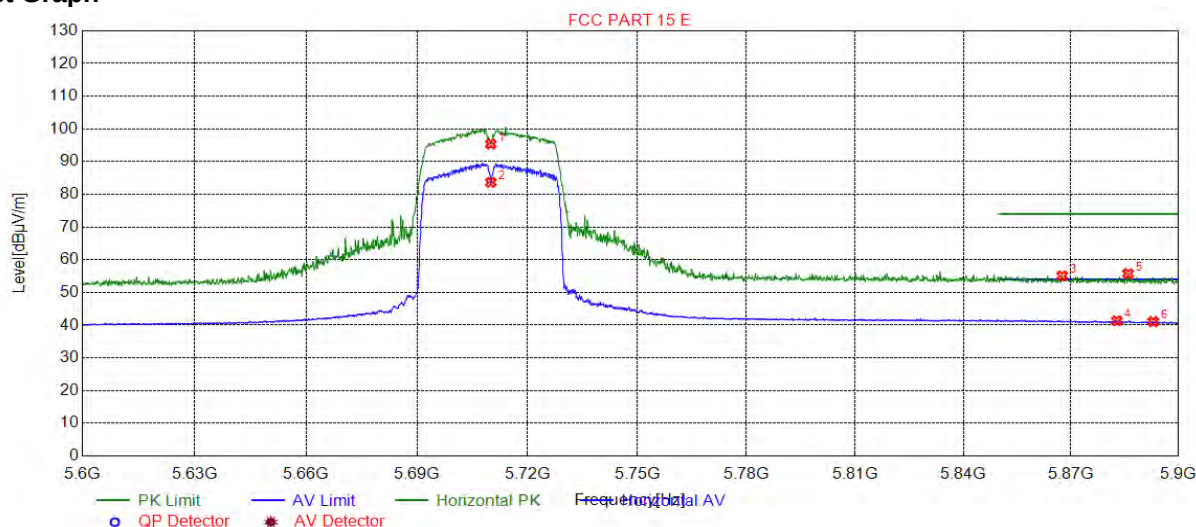
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5670.00     | 94.99          | 16.64       | 0.00           | -94.99      | 227         | 248       | Vertical |
| 2              | 5725.09     | 57.15          | 16.96       | 68.30          | 11.15       | 256         | 248       | Vertical |
| 3              | 5733.07     | 56.34          | 17.01       | 68.30          | 11.96       | 210         | 29        | Vertical |
| 4              | 5744.14     | 53.60          | 17.08       | 68.30          | 14.70       | 204         | 159       | Vertical |
| 5              | 5757.79     | 50.63          | 17.13       | 68.30          | 17.67       | 232         | 113       | Vertical |

##### Final Data List



#### 4.10.1.49 802.11N40\_Channel 142

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5710.00     | 95.39          | 16.86       | 0.00           | -95.39      | 197         | 338       | Horizontal |
| 2              | 5710.00     | 83.69          | 16.86       | 0.00           | -83.69      | 167         | 318       | Horizontal |
| 3              | 5867.58     | 55.10          | 17.21       | 74.00          | 18.90       | 188         | 344       | Horizontal |
| 4              | 5882.89     | 41.34          | 17.16       | 54.00          | 12.66       | 158         | 298       | Horizontal |
| 5              | 5886.04     | 55.77          | 17.15       | 74.00          | 18.23       | 108         | 325       | Horizontal |
| 6              | 5893.09     | 41.06          | 17.13       | 54.00          | 12.94       | 114         | 113       | Horizontal |

##### Final Data List



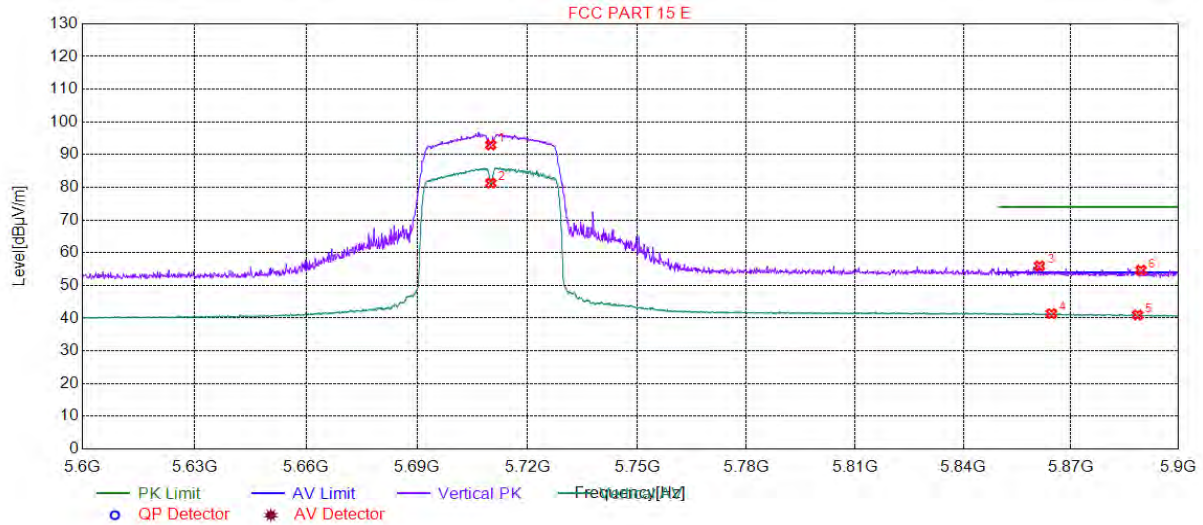
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#### 4.10.1.50 802.11N40\_Channel 142

##### Test Graph



##### Suspected List

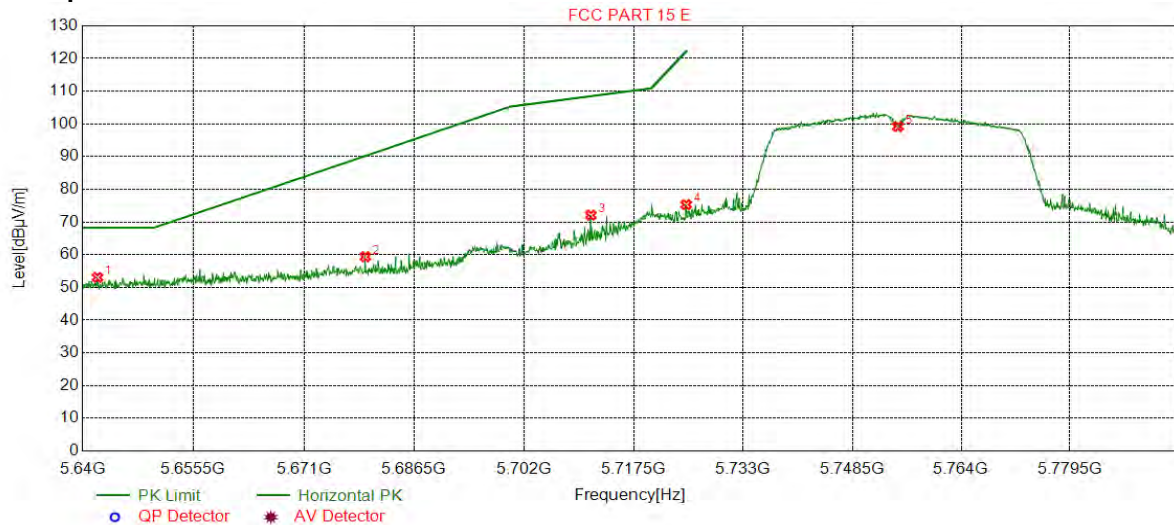
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5710.00     | 92.96          | 16.86       | 0.00           | -92.96      | 179         | 36        | Vertical |
| 2              | 5710.00     | 81.31          | 16.86       | 0.00           | -81.31      | 251         | 152       | Vertical |
| 3              | 5861.28     | 55.97          | 17.23       | 74.00          | 18.03       | 239         | 16        | Vertical |
| 4              | 5864.58     | 41.39          | 17.22       | 54.00          | 12.61       | 195         | 242       | Vertical |
| 5              | 5888.74     | 40.97          | 17.14       | 54.00          | 13.03       | 247         | 214       | Vertical |
| 6              | 5889.64     | 54.69          | 17.14       | 74.00          | 19.31       | 242         | 77        | Vertical |

##### Final Data List



## 4.10.1.51 802.11N40\_Channel 151

## Test Graph



## Suspected List

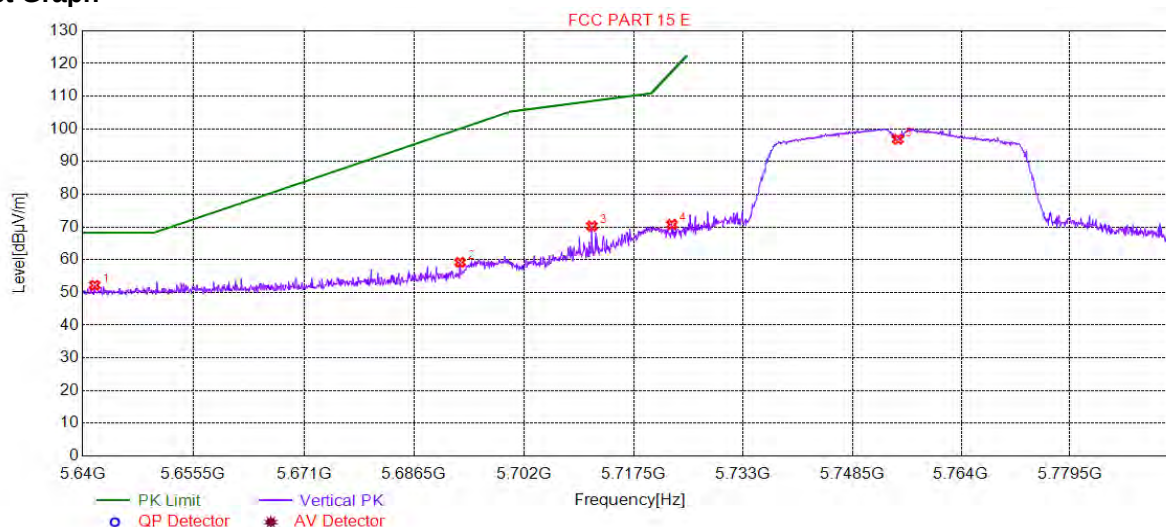
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5642.09     | 53.07          | 16.54       | 68.30          | 15.23       | 170         | 344       | Horizontal |
| 2              | 5679.62     | 59.41          | 16.69       | 90.22          | 30.81       | 103         | 340       | Horizontal |
| 3              | 5711.41     | 72.10          | 16.87       | 108.50         | 36.40       | 218         | 2         | Horizontal |
| 4              | 5724.90     | 75.35          | 16.96       | 122.08         | 46.73       | 240         | 313       | Horizontal |
| 5              | 5755.00     | 99.20          | 17.13       | 0.00           | -99.20      | 117         | 344       | Horizontal |

## Final Data List



## 4.10.1.52 802.11N40\_Channel 151

## Test Graph



## Suspected List

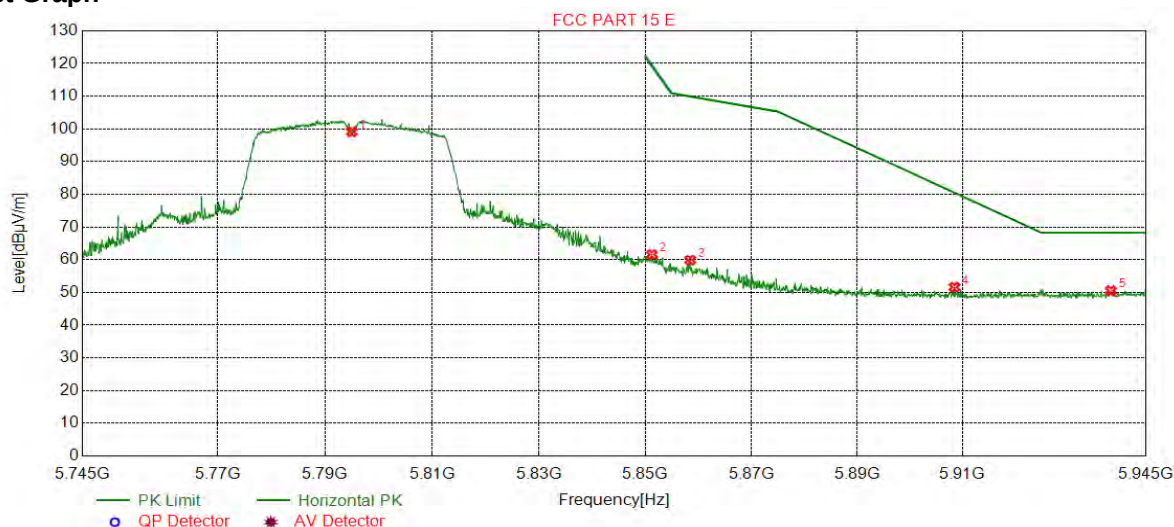
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5641.70     | 52.24          | 16.54       | 68.30          | 16.06       | 283         | 61        | Vertical |
| 2              | 5692.95     | 59.19          | 16.76       | 100.09         | 40.90       | 195         | 84        | Vertical |
| 3              | 5711.56     | 70.27          | 16.87       | 108.54         | 38.27       | 178         | 284       | Vertical |
| 4              | 5722.88     | 70.80          | 16.95       | 117.49         | 46.69       | 209         | 144       | Vertical |
| 5              | 5755.00     | 96.84          | 17.13       | 0.00           | -96.84      | 269         | 256       | Vertical |

## Final Data List



## 4.10.1.53 802.11N40\_Channel 159

## Test Graph



## Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5795.00     | 99.11          | 17.18       | 0.00           | -99.11      | 115         | 344       | Horizontal |
| 2              | 5851.25     | 61.61          | 17.26       | 119.44         | 57.83       | 142         | 3         | Horizontal |
| 3              | 5858.45     | 59.92          | 17.23       | 109.93         | 50.01       | 127         | 340       | Horizontal |
| 4              | 5908.48     | 51.61          | 17.24       | 80.52          | 28.91       | 192         | 206       | Horizontal |
| 5              | 5938.29     | 50.55          | 17.70       | 68.30          | 17.75       | 152         | 206       | Horizontal |

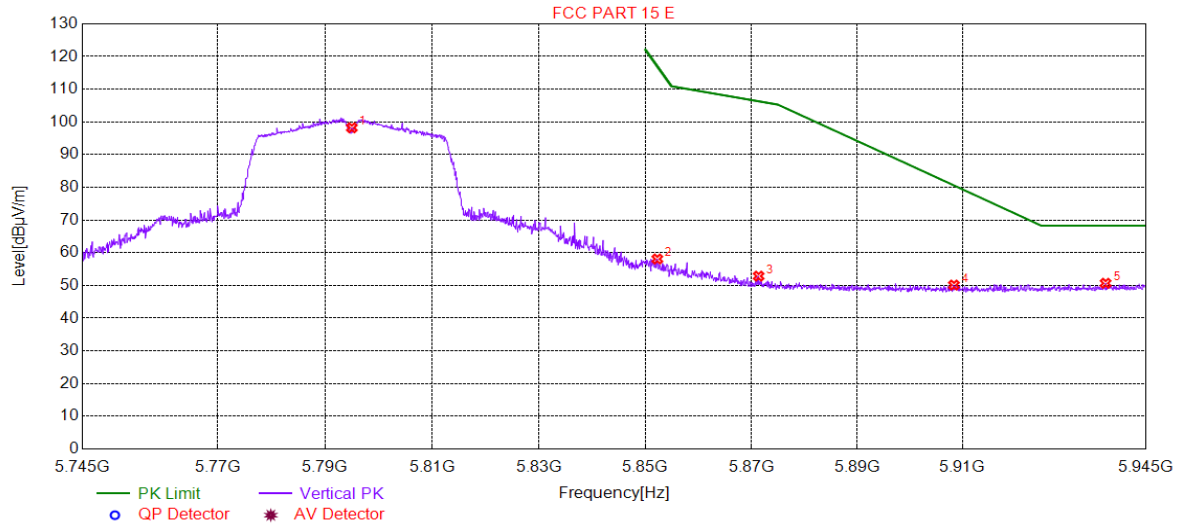
## Final Data List





#### 4.10.1.54 802.11N40\_Channel 159

##### Test Graph



##### Suspected List

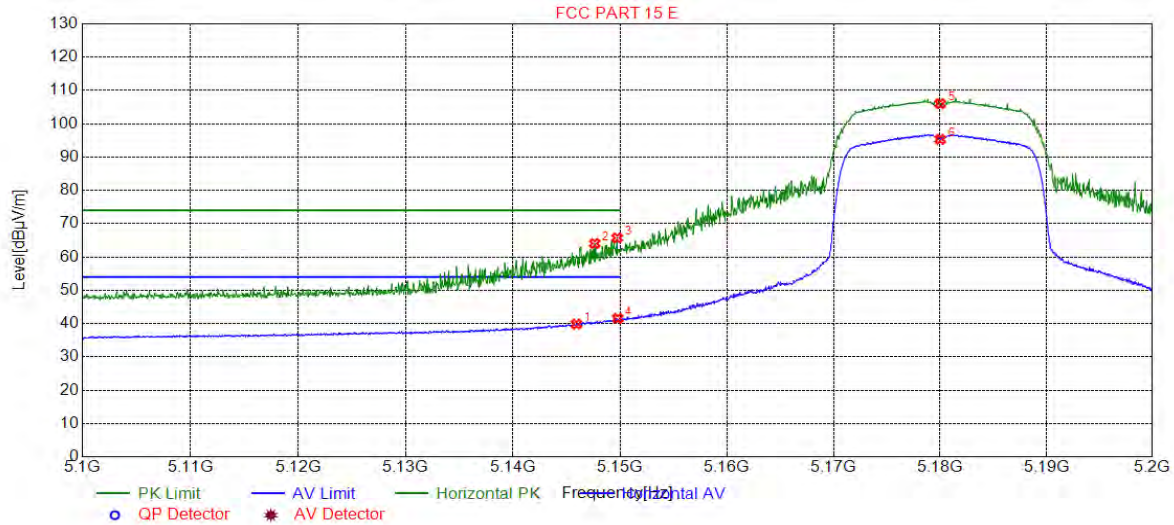
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5795.00     | 98.22          | 17.18       | 0.00           | -98.22      | 234         | 39        | Vertical |
| 2              | 5852.25     | 58.10          | 17.25       | 117.16         | 59.06       | 278         | 244       | Vertical |
| 3              | 5871.36     | 52.87          | 17.20       | 106.32         | 53.45       | 209         | 129       | Vertical |
| 4              | 5908.38     | 50.13          | 17.24       | 80.60          | 30.47       | 271         | 116       | Vertical |
| 5              | 5937.29     | 50.68          | 17.68       | 68.30          | 17.62       | 258         | 166       | Vertical |

##### Final Data List



#### 4.10.1.55 802.11AC20\_Channel 36

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5145.92     | 39.88          | 15.48       | 54.00          | 14.12       | 215         | 2         | Horizontal |
| 2              | 5147.62     | 64.08          | 15.50       | 74.00          | 9.92        | 142         | 7         | Horizontal |
| 3              | 5149.72     | 65.75          | 15.52       | 74.00          | 8.25        | 120         | 13        | Horizontal |
| 4              | 5149.77     | 41.57          | 15.52       | 54.00          | 12.43       | 127         | 2         | Horizontal |
| 5              | 5180.00     | 106.04         | 15.56       | 0.00           | -106.04     | 124         | 346       | Horizontal |
| 6              | 5180.00     | 95.32          | 15.56       | 0.00           | -95.32      | 189         | 2         | Horizontal |

##### Final Data List



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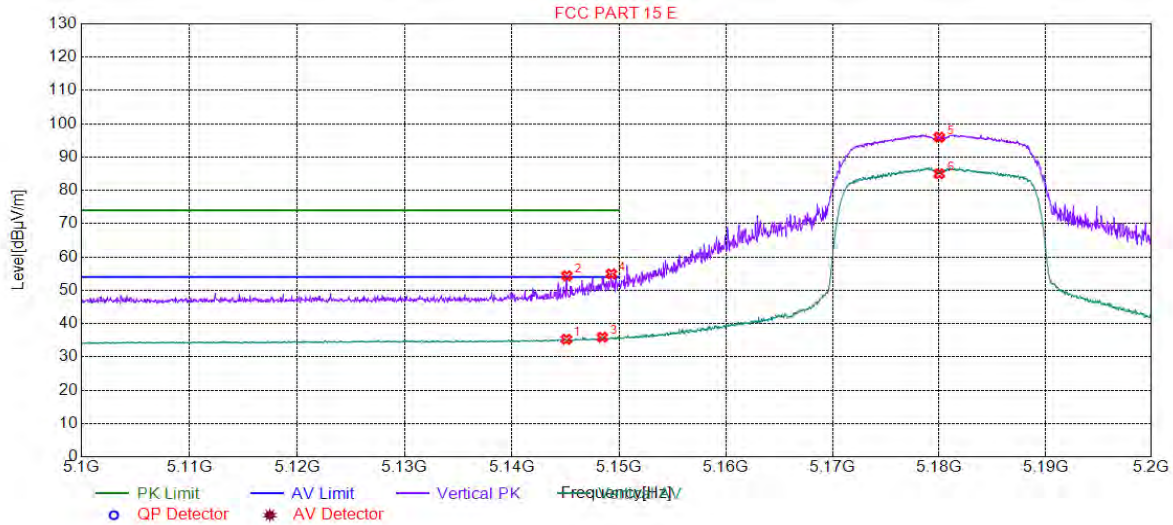
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#### 4.10.1.56 802.11AC20\_Channel 36

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5145.07     | 35.31          | 15.48       | 54.00          | 18.69       | 190         | 248       | Vertical |
| 2              | 5145.12     | 54.36          | 15.48       | 74.00          | 19.64       | 297         | 143       | Vertical |
| 3              | 5148.42     | 35.94          | 15.51       | 54.00          | 18.06       | 279         | 248       | Vertical |
| 4              | 5149.27     | 54.94          | 15.51       | 74.00          | 19.06       | 275         | 149       | Vertical |
| 5              | 5180.00     | 95.97          | 15.56       | 0.00           | -95.97      | 282         | 165       | Vertical |
| 6              | 5180.00     | 85.00          | 15.56       | 0.00           | -85.00      | 182         | 254       | Vertical |

##### Final Data List



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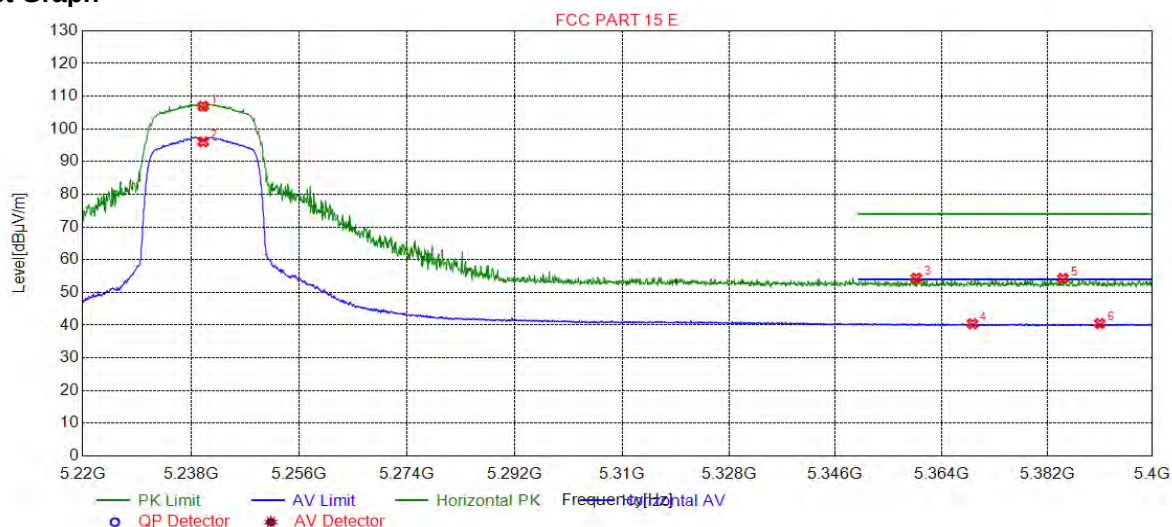
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#### 4.10.1.57 802.11AC20\_Channel 48

##### Test Graph



##### Suspected List

| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| 1   | 5240.00     | 106.96         | 15.49       | 0.00           | -106.96     | 157         | 344       | Horizontal |
| 2   | 5240.00     | 96.07          | 15.49       | 0.00           | -96.07      | 131         | 344       | Horizontal |
| 3   | 5359.74     | 54.43          | 16.00       | 74.00          | 19.57       | 173         | 2         | Horizontal |
| 4   | 5369.29     | 40.46          | 16.06       | 54.00          | 13.54       | 145         | 338       | Horizontal |
| 5   | 5384.69     | 54.30          | 16.16       | 74.00          | 19.70       | 140         | 221       | Horizontal |
| 6   | 5390.99     | 40.53          | 16.19       | 54.00          | 13.47       | 226         | 344       | Horizontal |

##### Final Data List

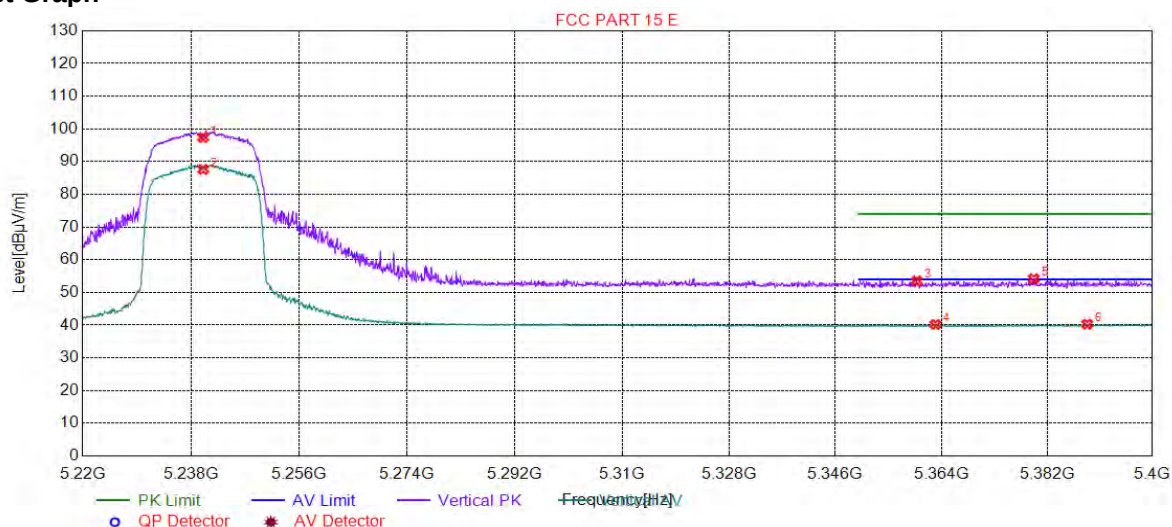


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#### 4.10.1.58 802.11AC20\_Channel 48

##### Test Graph



##### Suspected List

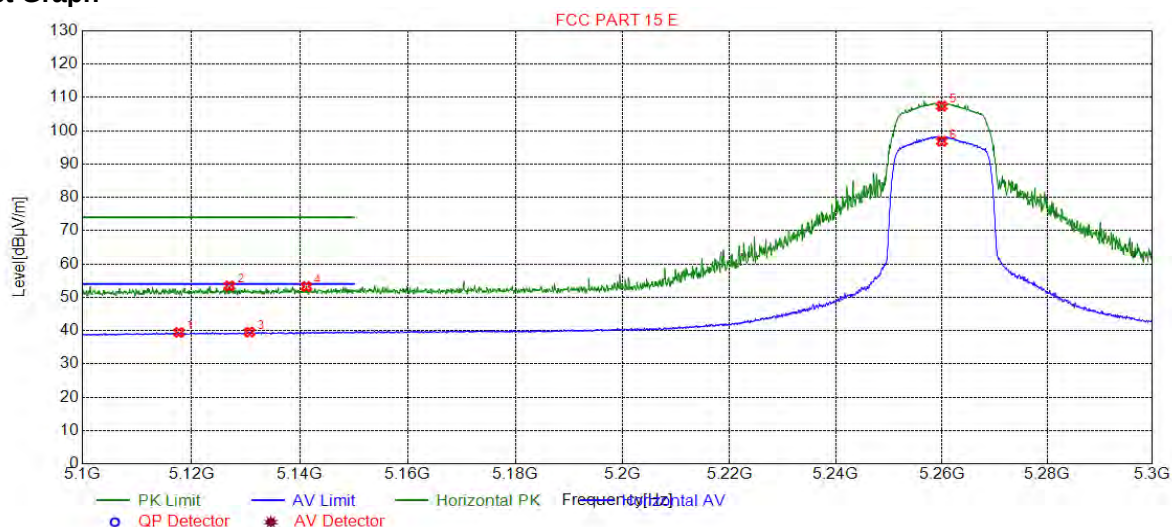
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5240.00     | 97.41          | 15.49       | 0.00           | -97.41      | 284         | 160       | Vertical |
| 2              | 5240.00     | 87.61          | 15.49       | 0.00           | -87.61      | 230         | 160       | Vertical |
| 3              | 5359.83     | 53.53          | 16.00       | 74.00          | 20.47       | 287         | 139       | Vertical |
| 4              | 5362.99     | 40.20          | 16.02       | 54.00          | 13.80       | 262         | 153       | Vertical |
| 5              | 5379.73     | 54.19          | 16.12       | 74.00          | 19.81       | 155         | 167       | Vertical |
| 6              | 5388.83     | 40.30          | 16.18       | 54.00          | 13.70       | 215         | 77        | Vertical |

##### Final Data List



#### 4.10.1.59 802.11AC20\_Channel 52

##### Test Graph



##### Suspected List

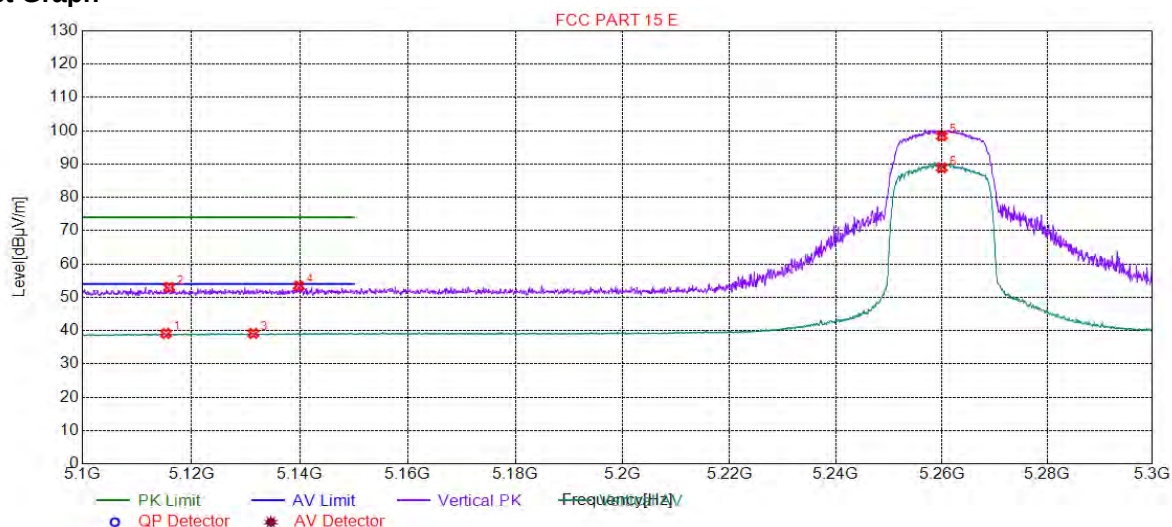
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5117.70     | 39.47          | 15.24       | 54.00          | 14.53       | 190         | 344       | Horizontal |
| 2              | 5127.01     | 53.45          | 15.32       | 74.00          | 20.55       | 188         | 234       | Horizontal |
| 3              | 5130.71     | 39.56          | 15.35       | 54.00          | 14.44       | 140         | 28        | Horizontal |
| 4              | 5141.22     | 53.24          | 15.44       | 74.00          | 20.76       | 220         | 35        | Horizontal |
| 5              | 5260.00     | 107.42         | 15.51       | 0.00           | -107.42     | 246         | 8         | Horizontal |
| 6              | 5260.00     | 96.84          | 15.51       | 0.00           | -96.84      | 187         | 2         | Horizontal |

##### Final Data List



#### 4.10.1.60 802.11AC20\_Channel 52

##### Test Graph



##### Suspected List

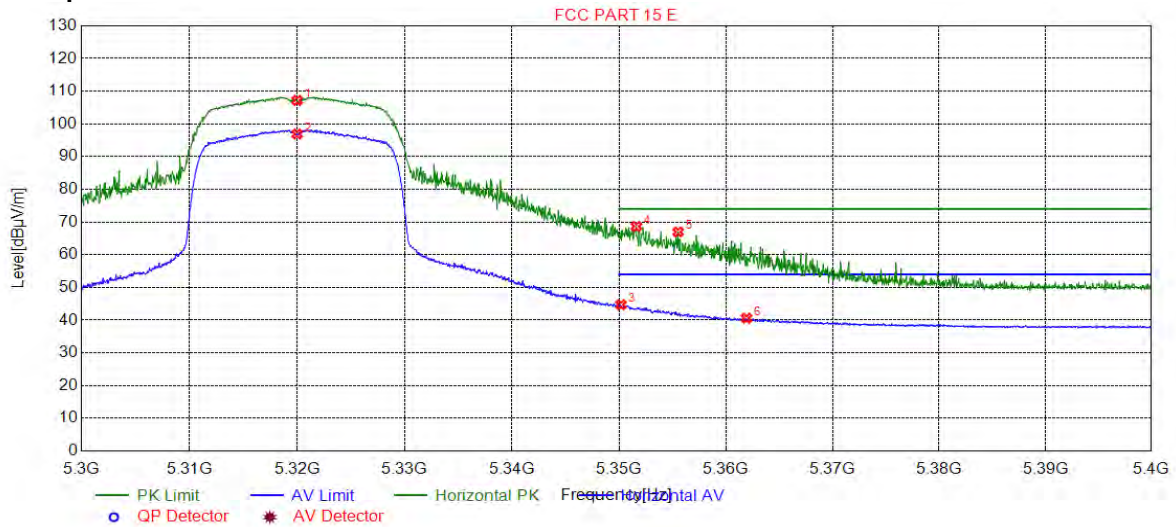
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5115.30     | 39.16          | 15.22       | 54.00          | 14.84       | 152         | 83        | Vertical |
| 2              | 5115.90     | 53.02          | 15.23       | 74.00          | 20.98       | 279         | 137       | Vertical |
| 3              | 5131.41     | 39.18          | 15.36       | 54.00          | 14.82       | 226         | 130       | Vertical |
| 4              | 5139.81     | 53.41          | 15.43       | 74.00          | 20.59       | 261         | 260       | Vertical |
| 5              | 5260.00     | 98.40          | 15.51       | 0.00           | -98.40      | 193         | 165       | Vertical |
| 6              | 5260.00     | 88.91          | 15.51       | 0.00           | -88.91      | 256         | 165       | Vertical |

##### Final Data List



#### 4.10.1.61 802.11AC20\_Channel 64

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5320.00     | 107.19         | 15.80       | 0.00           | -107.19     | 145         | 345       | Horizontal |
| 2              | 5320.00     | 96.92          | 15.80       | 0.00           | -96.92      | 106         | 345       | Horizontal |
| 3              | 5350.17     | 44.73          | 15.94       | 54.00          | 9.27        | 118         | 345       | Horizontal |
| 4              | 5351.62     | 68.64          | 15.95       | 74.00          | 5.36        | 174         | 345       | Horizontal |
| 5              | 5355.52     | 66.99          | 15.97       | 74.00          | 7.01        | 199         | 22        | Horizontal |
| 6              | 5361.93     | 40.62          | 16.01       | 54.00          | 13.38       | 115         | 345       | Horizontal |

##### Final Data List



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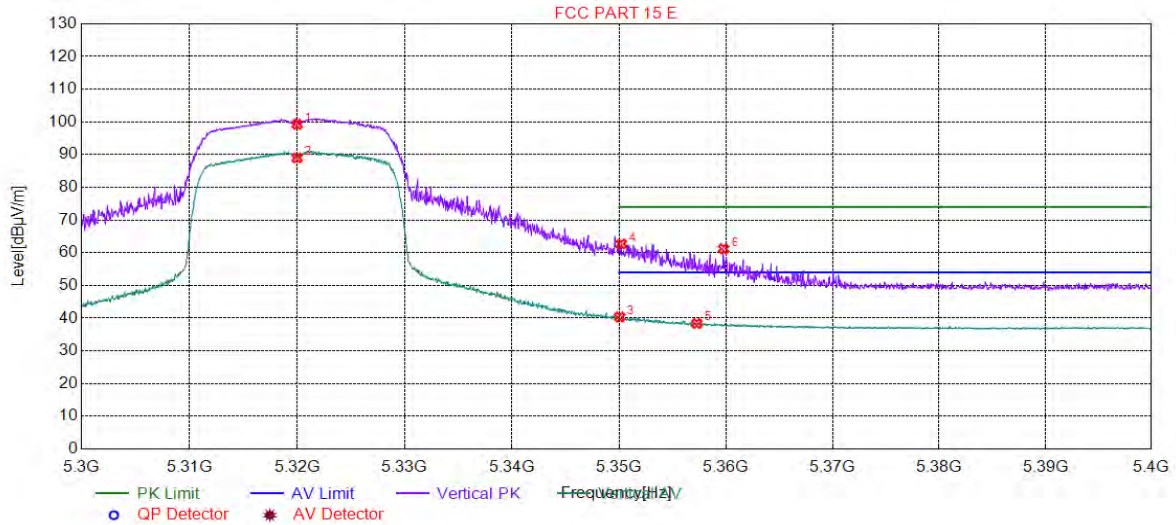
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#### 4.10.1.62 802.11AC20\_Channel 64

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5320.00     | 99.27          | 15.80       | 0.00           | -99.27      | 219         | 152       | Vertical |
| 2              | 5320.00     | 89.02          | 15.80       | 0.00           | -89.02      | 283         | 56        | Vertical |
| 3              | 5350.07     | 40.36          | 15.94       | 54.00          | 13.64       | 235         | 248       | Vertical |
| 4              | 5350.22     | 62.68          | 15.94       | 74.00          | 11.32       | 205         | 248       | Vertical |
| 5              | 5357.27     | 38.36          | 15.99       | 54.00          | 15.64       | 208         | 159       | Vertical |
| 6              | 5359.77     | 61.19          | 16.00       | 74.00          | 12.81       | 231         | 166       | Vertical |

##### Final Data List



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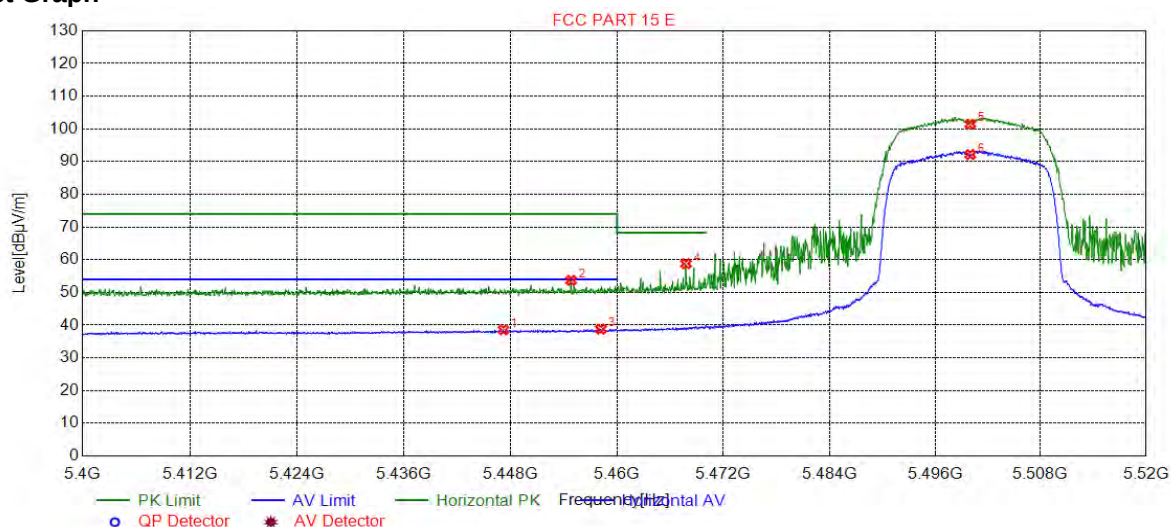
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#### 4.10.1.63 802.11AC20\_Channel 100

##### Test Graph



##### Suspected List

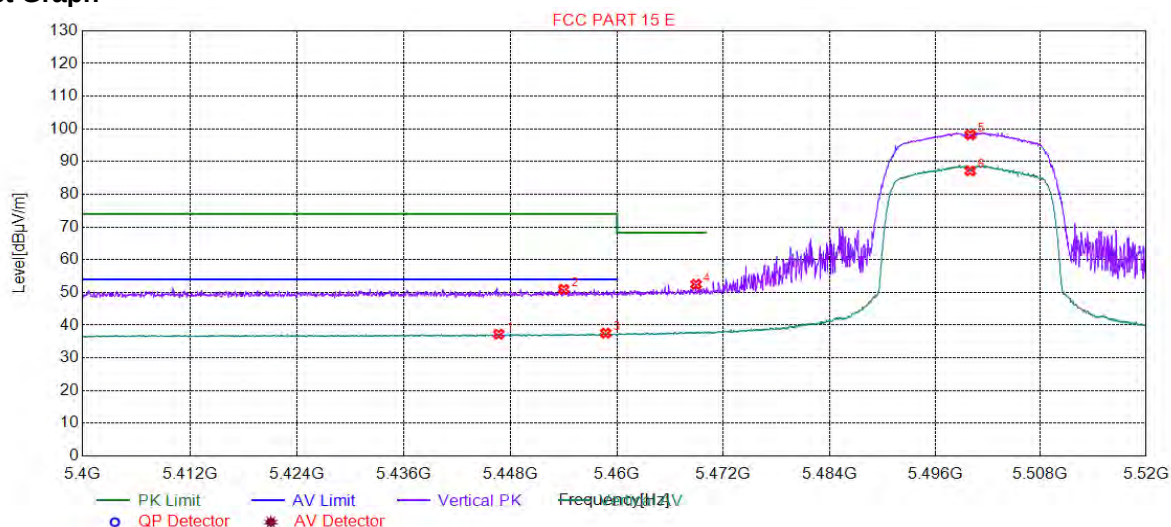
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5447.18     | 38.61          | 16.25       | 54.00          | 15.39       | 166         | 336       | Horizontal |
| 2              | 5454.80     | 53.69          | 16.25       | 74.00          | 20.31       | 137         | 341       | Horizontal |
| 3              | 5458.16     | 38.81          | 16.25       | 54.00          | 15.19       | 109         | 331       | Horizontal |
| 4              | 5467.77     | 58.81          | 16.25       | 68.30          | 9.49        | 202         | 0         | Horizontal |
| 5              | 5500.00     | 101.47         | 16.25       | 0.00           | -101.47     | 197         | 341       | Horizontal |
| 6              | 5500.00     | 92.16          | 16.25       | 0.00           | -92.16      | 189         | 341       | Horizontal |

##### Final Data List



#### 4.10.1.64 802.11AC20\_Channel 100

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5446.64     | 37.26          | 16.25       | 54.00          | 16.74       | 220         | 128       | Vertical |
| 2              | 5453.96     | 50.96          | 16.25       | 74.00          | 23.04       | 297         | 112       | Vertical |
| 3              | 5458.70     | 37.57          | 16.25       | 54.00          | 16.43       | 228         | 139       | Vertical |
| 4              | 5468.91     | 52.51          | 16.25       | 68.30          | 15.79       | 215         | 254       | Vertical |
| 5              | 5500.00     | 98.19          | 16.25       | 0.00           | -98.19      | 214         | 254       | Vertical |
| 6              | 5500.00     | 87.18          | 16.25       | 0.00           | -87.18      | 285         | 254       | Vertical |

##### Final Data List

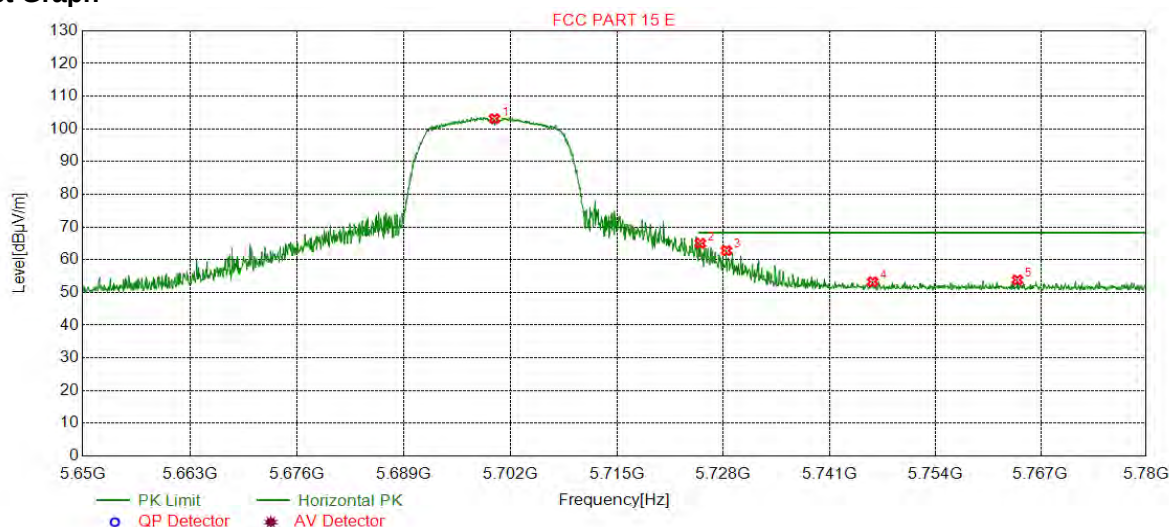


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## 4.10.1.65 802.11AC20\_Channel 140

## Test Graph



## Suspected List

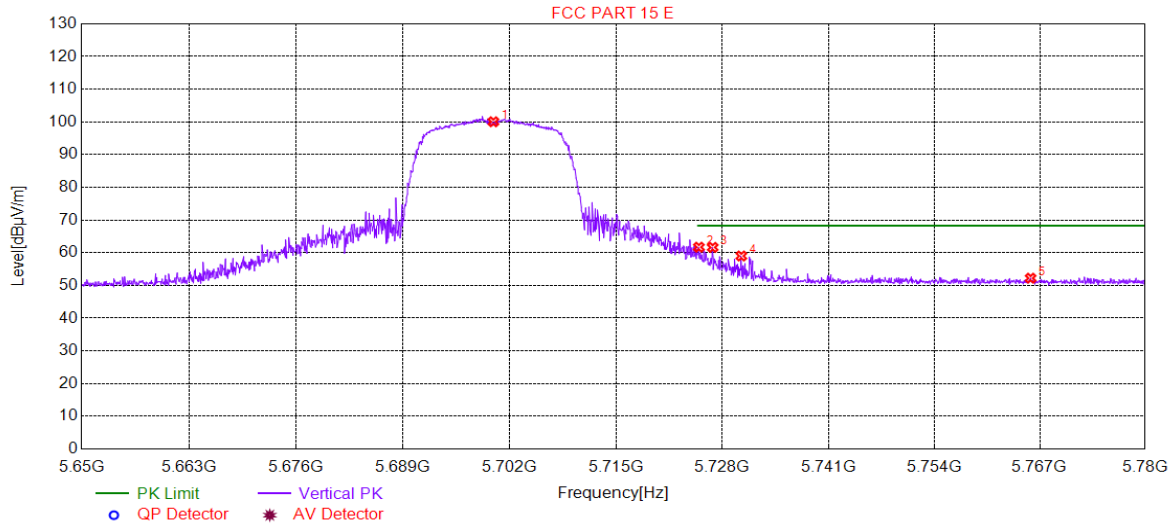
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5700.00     | 103.14         | 16.80       | 0.00           | -103.14     | 229         | 336       | Horizontal |
| 2              | 5725.17     | 65.02          | 16.96       | 68.30          | 3.28        | 127         | 313       | Horizontal |
| 3              | 5728.36     | 62.82          | 16.98       | 68.30          | 5.48        | 188         | 211       | Horizontal |
| 4              | 5746.31     | 53.29          | 17.10       | 68.30          | 15.01       | 126         | 340       | Horizontal |
| 5              | 5764.13     | 53.84          | 17.14       | 68.30          | 14.46       | 234         | 220       | Horizontal |

## Final Data List



#### 4.10.1.66 802.11AC20\_Channel 140

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5700.00     | 100.05         | 16.80       | 0.00           | -100.05     | 233         | 168       | Vertical |
| 2              | 5725.11     | 61.72          | 16.96       | 68.30          | 6.58        | 198         | 29        | Vertical |
| 3              | 5726.80     | 61.65          | 16.97       | 68.30          | 6.65        | 214         | 145       | Vertical |
| 4              | 5730.31     | 59.02          | 16.99       | 68.30          | 9.28        | 190         | 98        | Vertical |
| 5              | 5765.88     | 52.23          | 17.14       | 68.30          | 16.07       | 208         | 159       | Vertical |

##### Final Data List



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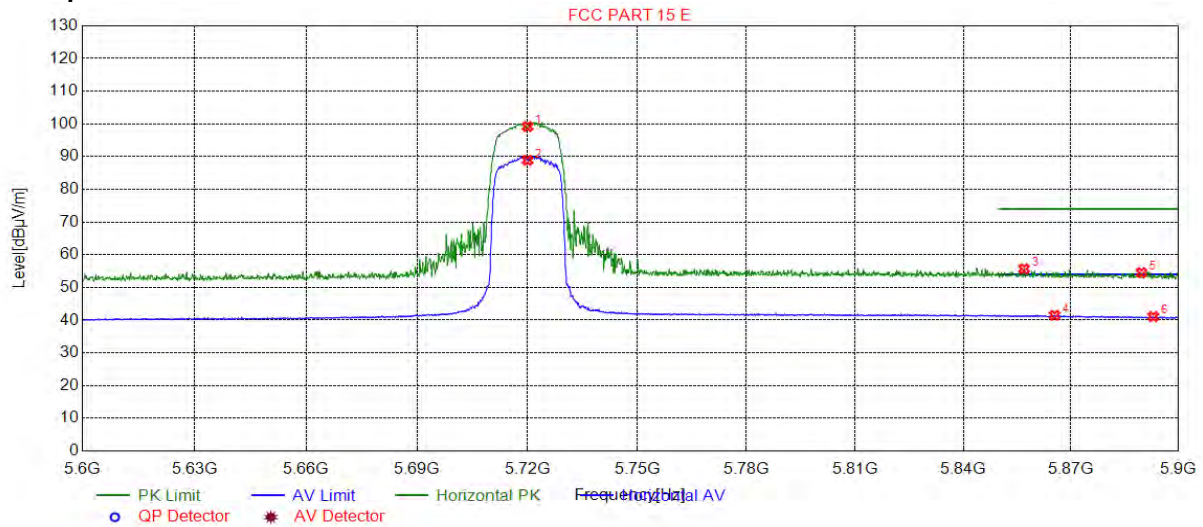
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#### 4.10.1.67 802.11AC20\_Channel 144

##### Test Graph



##### Suspected List

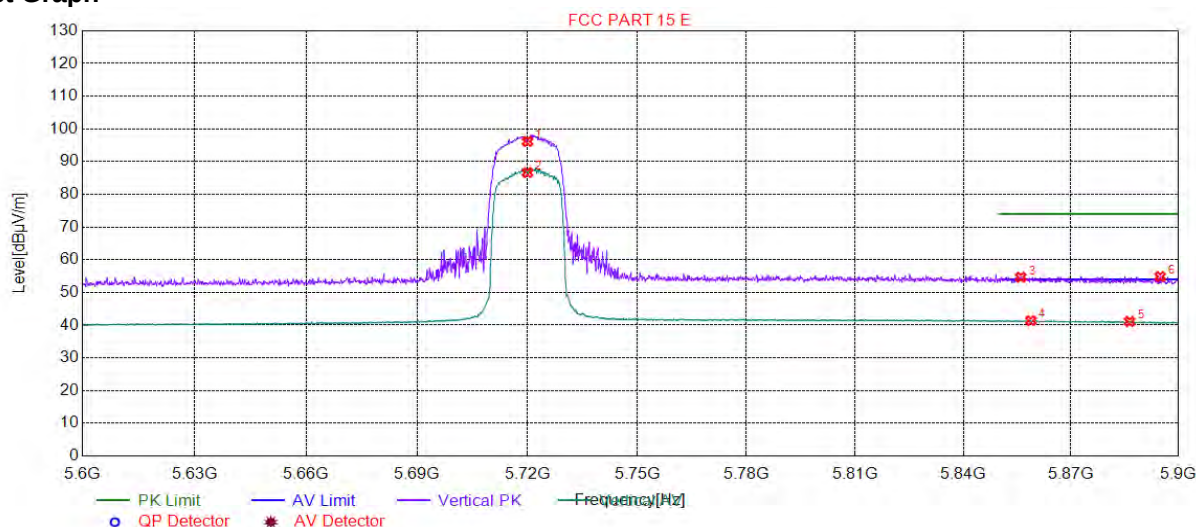
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5720.00     | 99.22          | 16.93       | 0.00           | -99.22      | 132         | 331       | Horizontal |
| 2              | 5720.00     | 88.88          | 16.93       | 0.00           | -88.88      | 136         | 216       | Horizontal |
| 3              | 5856.92     | 55.72          | 17.24       | 74.00          | 18.28       | 208         | 344       | Horizontal |
| 4              | 5865.48     | 41.50          | 17.21       | 54.00          | 12.50       | 189         | 93        | Horizontal |
| 5              | 5889.79     | 54.56          | 17.14       | 74.00          | 19.44       | 183         | 210       | Horizontal |
| 6              | 5893.09     | 41.10          | 17.13       | 54.00          | 12.90       | 117         | 203       | Horizontal |

##### Final Data List



#### 4.10.1.68 802.11AC20\_Channel 144

##### Test Graph



##### Suspected List

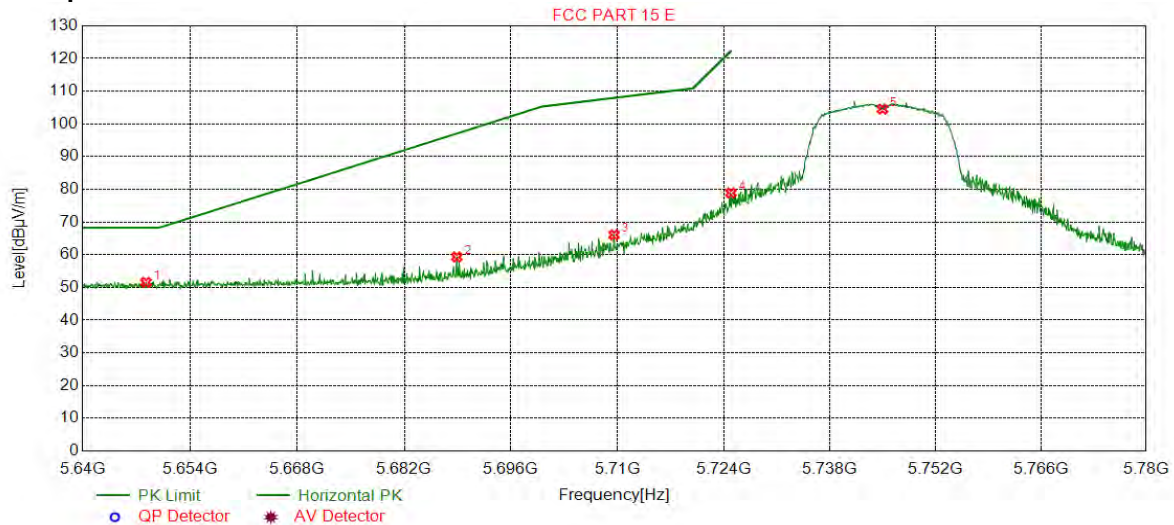
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5720.00     | 96.19          | 16.93       | 0.00           | -96.19      | 172         | 255       | Vertical |
| 2              | 5720.00     | 86.67          | 16.93       | 0.00           | -86.67      | 286         | 255       | Vertical |
| 3              | 5856.02     | 54.68          | 17.24       | 74.00          | 19.32       | 272         | 193       | Vertical |
| 4              | 5858.87     | 41.38          | 17.23       | 54.00          | 12.62       | 162         | 166       | Vertical |
| 5              | 5886.49     | 41.11          | 17.15       | 54.00          | 12.89       | 278         | 235       | Vertical |
| 6              | 5895.04     | 54.89          | 17.12       | 74.00          | 19.11       | 279         | 16        | Vertical |

##### Final Data List



## 4.10.1.69 802.11AC20\_Channel 149

## Test Graph



## Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5648.26     | 51.59          | 16.53       | 68.30          | 16.71       | 203         | 296       | Horizontal |
| 2              | 5688.88     | 59.34          | 16.74       | 97.07          | 37.73       | 202         | 336       | Horizontal |
| 3              | 5709.54     | 66.08          | 16.86       | 107.97         | 41.89       | 176         | 327       | Horizontal |
| 4              | 5724.95     | 78.94          | 16.96       | 122.19         | 43.25       | 101         | 327       | Horizontal |
| 5              | 5745.00     | 104.53         | 17.09       | 0.00           | -104.53     | 142         | 344       | Horizontal |

## Final Data List



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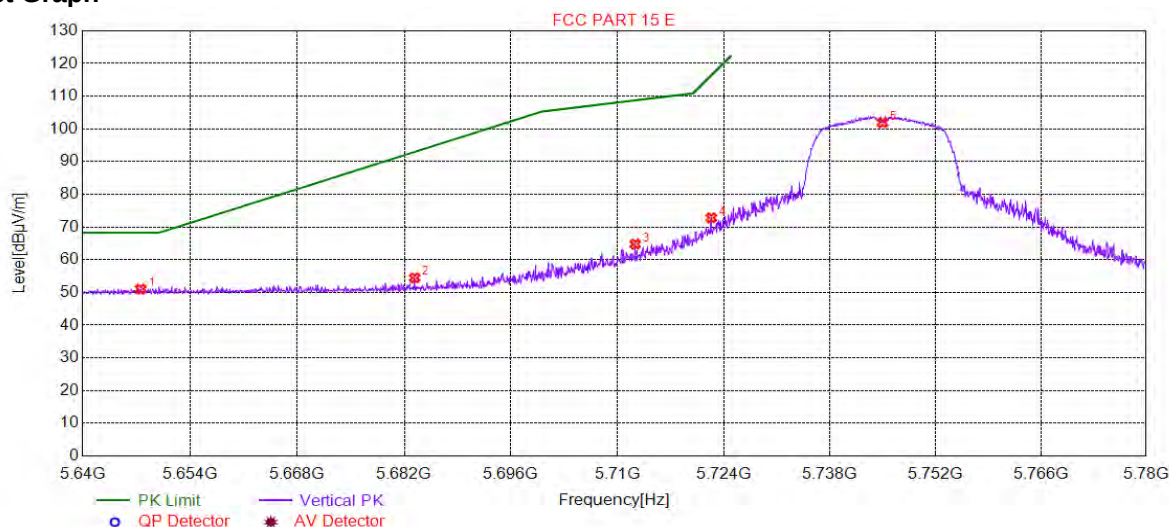
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## 4.10.1.70 802.11AC20\_Channel 149

## Test Graph



## Suspected List

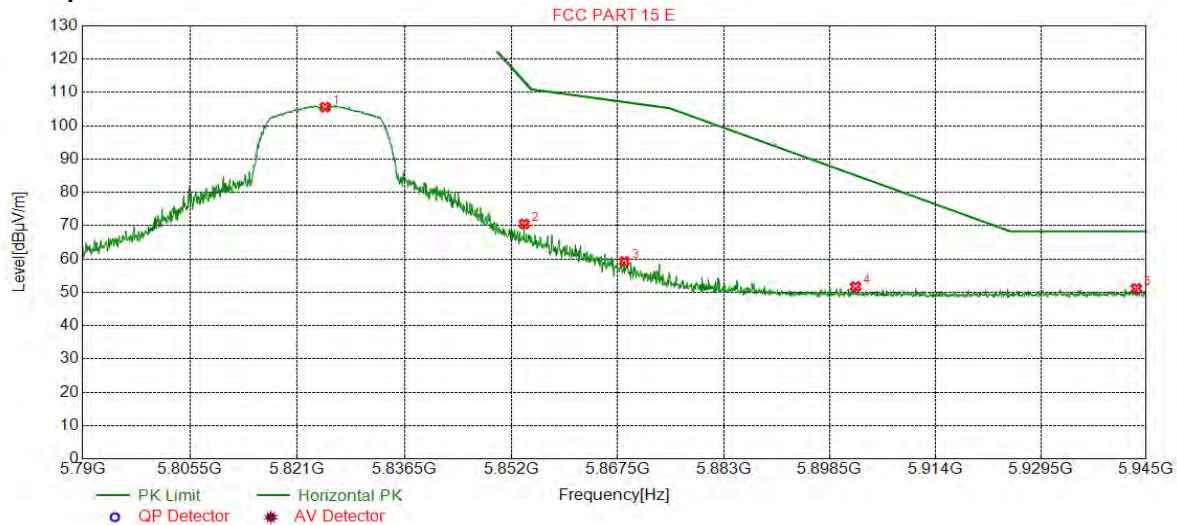
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5647.56     | 51.02          | 16.53       | 68.30          | 17.28       | 237         | 20        | Vertical |
| 2              | 5683.35     | 54.47          | 16.71       | 92.98          | 38.51       | 163         | 56        | Vertical |
| 3              | 5712.34     | 64.80          | 16.88       | 108.76         | 43.96       | 196         | 130       | Vertical |
| 4              | 5722.36     | 72.83          | 16.94       | 116.28         | 43.45       | 293         | 255       | Vertical |
| 5              | 5745.00     | 101.91         | 17.09       | 0.00           | -101.91     | 287         | 287       | Vertical |

## Final Data List



## 4.10.1.71 802.11AC20\_Channel 165

## Test Graph



## Suspected List

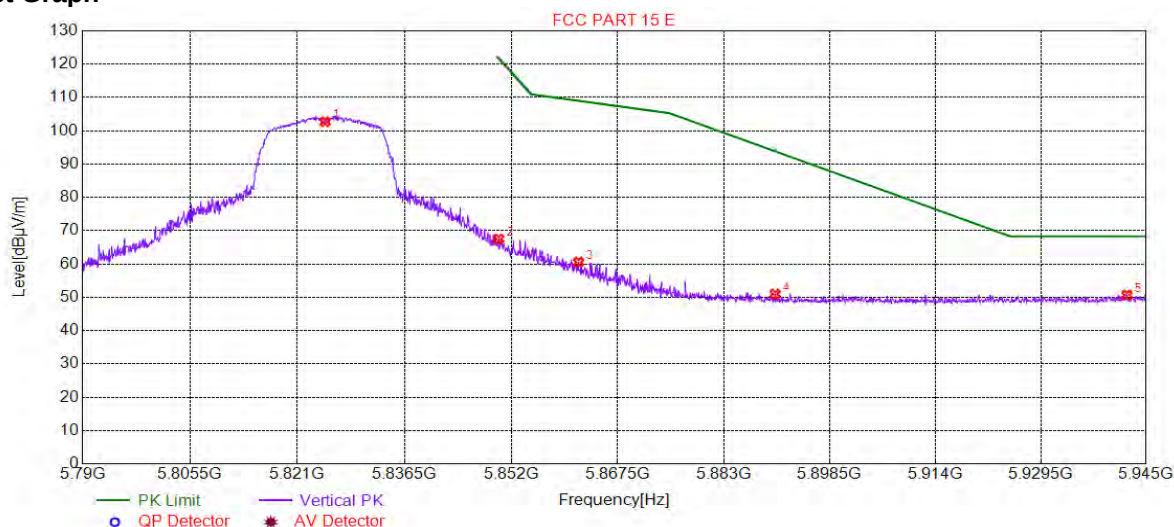
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5825.00     | 105.57         | 17.23       | 0.00           | -105.57     | 221         | 330       | Horizontal |
| 2              | 5853.89     | 70.55          | 17.25       | 113.43         | 42.88       | 245         | 207       | Horizontal |
| 3              | 5868.46     | 59.30          | 17.20       | 107.13         | 47.83       | 218         | 326       | Horizontal |
| 4              | 5902.27     | 51.72          | 17.15       | 85.12          | 33.40       | 233         | 203       | Horizontal |
| 5              | 5943.60     | 51.19          | 17.78       | 68.30          | 17.11       | 191         | 344       | Horizontal |

## Final Data List



#### 4.10.1.72 802.11AC20\_Channel 165

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5825.00     | 102.73         | 17.23       | 0.00           | -102.73     | 259         | 222       | Vertical |
| 2              | 5850.17     | 67.53          | 17.26       | 121.91         | 54.38       | 161         | 222       | Vertical |
| 3              | 5861.80     | 60.58          | 17.22       | 109.00         | 48.42       | 275         | 33        | Vertical |
| 4              | 5890.49     | 50.98          | 17.14       | 93.84          | 42.86       | 269         | 102       | Vertical |
| 5              | 5942.20     | 50.72          | 17.76       | 68.30          | 17.58       | 257         | 208       | Vertical |

##### Final Data List

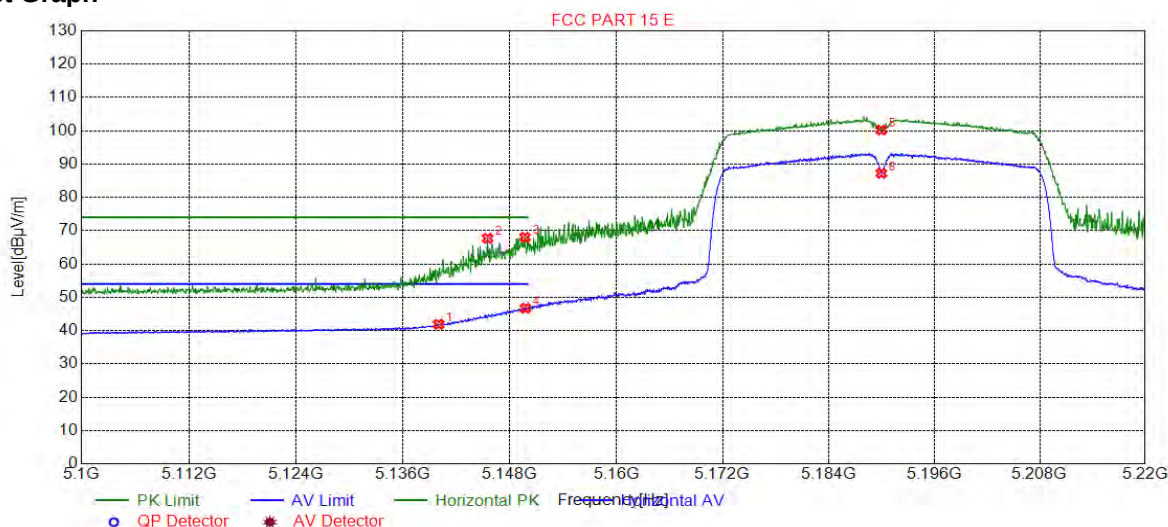


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#### 4.10.1.73 802.11AC40\_Channel 38

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5139.98     | 41.93          | 15.43       | 54.00          | 12.07       | 230         | 8         | Horizontal |
| 2              | 5145.50     | 67.72          | 15.48       | 74.00          | 6.28        | 158         | 8         | Horizontal |
| 3              | 5149.70     | 68.02          | 15.52       | 74.00          | 5.98        | 138         | 346       | Horizontal |
| 4              | 5149.76     | 46.74          | 15.52       | 54.00          | 7.26        | 208         | 8         | Horizontal |
| 5              | 5190.00     | 100.21         | 15.58       | 0.00           | -100.21     | 245         | 346       | Horizontal |
| 6              | 5190.00     | 87.22          | 15.58       | 0.00           | -87.22      | 204         | 346       | Horizontal |

##### Final Data List

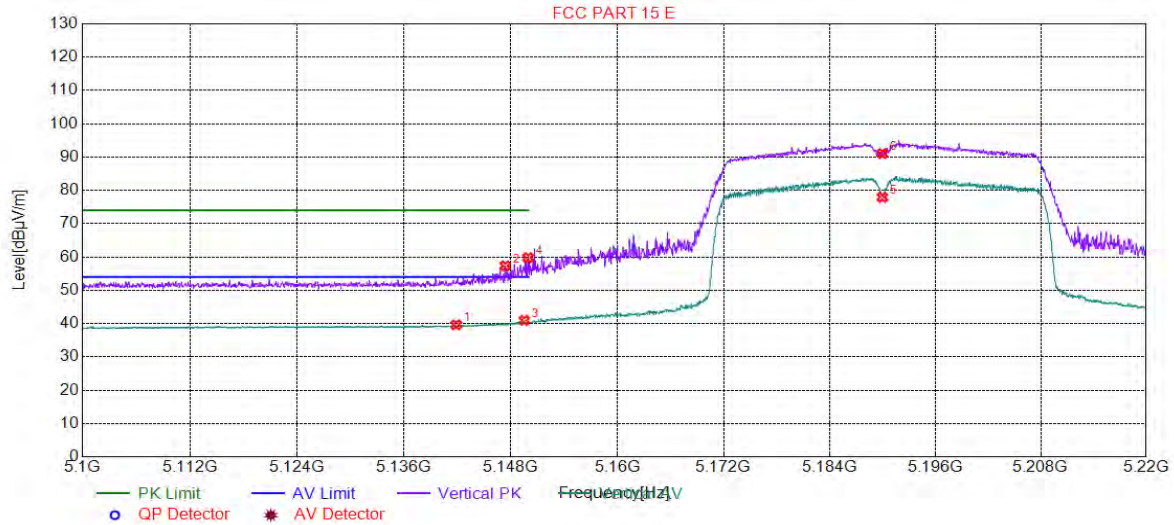


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#### 4.10.1.74 802.11AC40\_Channel 38

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5141.84     | 39.67          | 15.45       | 54.00          | 14.33       | 241         | 150       | Vertical |
| 2              | 5147.36     | 57.35          | 15.50       | 74.00          | 16.65       | 278         | 199       | Vertical |
| 3              | 5149.52     | 40.99          | 15.52       | 54.00          | 13.01       | 291         | 150       | Vertical |
| 4              | 5149.94     | 59.82          | 15.52       | 74.00          | 14.18       | 193         | 254       | Vertical |
| 5              | 5190.00     | 77.93          | 15.58       | 0.00           | -77.93      | 273         | 150       | Vertical |
| 6              | 5190.00     | 91.06          | 15.58       | 0.00           | -91.06      | 269         | 139       | Vertical |

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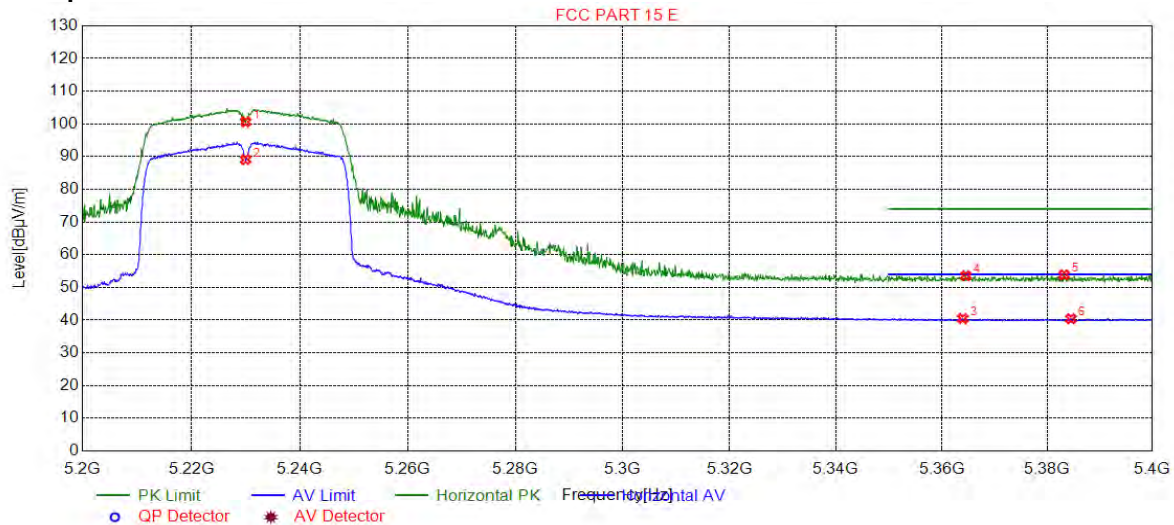
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#### 4.10.1.75 802.11AC40\_Channel 46

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5230.00     | 100.63         | 15.51       | 0.00           | -100.63     | 172         | 344       | Horizontal |
| 2              | 5230.00     | 89.11          | 15.51       | 0.00           | -89.11      | 109         | 344       | Horizontal |
| 3              | 5363.98     | 40.50          | 16.03       | 54.00          | 13.50       | 238         | 344       | Horizontal |
| 4              | 5364.58     | 53.59          | 16.03       | 74.00          | 20.41       | 230         | 2         | Horizontal |
| 5              | 5383.19     | 53.86          | 16.15       | 74.00          | 20.14       | 164         | 55        | Horizontal |
| 6              | 5384.49     | 40.44          | 16.15       | 54.00          | 13.56       | 121         | 344       | Horizontal |

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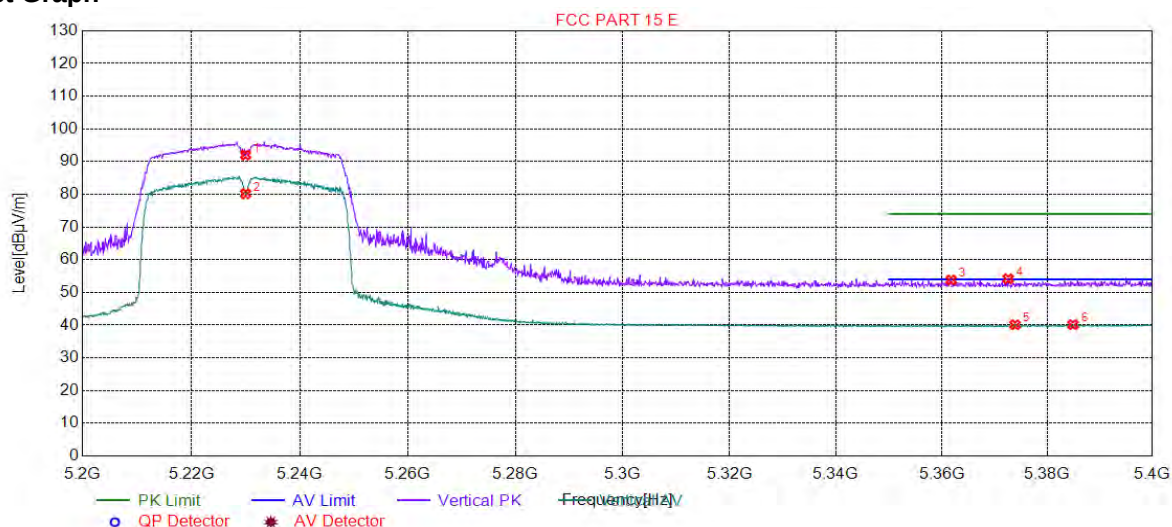
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#### 4.10.1.76 802.11AC40\_Channel 46

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5230.00     | 92.01          | 15.51       | 0.00           | -92.01      | 153         | 147       | Vertical |
| 2              | 5230.00     | 80.21          | 15.51       | 0.00           | -80.21      | 297         | 147       | Vertical |
| 3              | 5361.78     | 53.82          | 16.01       | 74.00          | 20.18       | 226         | 105       | Vertical |
| 4              | 5372.58     | 54.19          | 16.08       | 74.00          | 19.81       | 219         | 140       | Vertical |
| 5              | 5373.88     | 40.13          | 16.09       | 54.00          | 13.87       | 196         | 334       | Vertical |
| 6              | 5384.89     | 40.17          | 16.16       | 54.00          | 13.83       | 267         | 49        | Vertical |

##### Final Data List

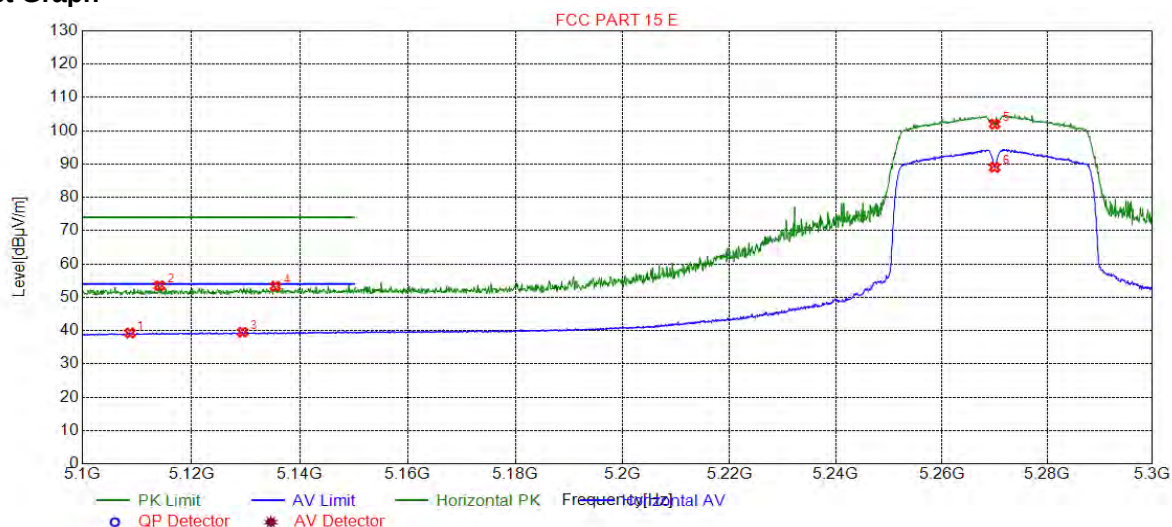


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#### 4.10.1.77 802.11AC40\_Channel 54

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5108.70     | 39.31          | 15.16       | 54.00          | 14.69       | 168         | 345       | Horizontal |
| 2              | 5114.10     | 53.50          | 15.21       | 74.00          | 20.50       | 112         | 345       | Horizontal |
| 3              | 5129.41     | 39.57          | 15.34       | 54.00          | 14.43       | 202         | 345       | Horizontal |
| 4              | 5135.51     | 53.33          | 15.40       | 74.00          | 20.67       | 208         | 145       | Horizontal |
| 5              | 5270.00     | 101.99         | 15.56       | 0.00           | -101.99     | 154         | 345       | Horizontal |
| 6              | 5270.00     | 89.00          | 15.56       | 0.00           | -89.00      | 171         | 345       | Horizontal |

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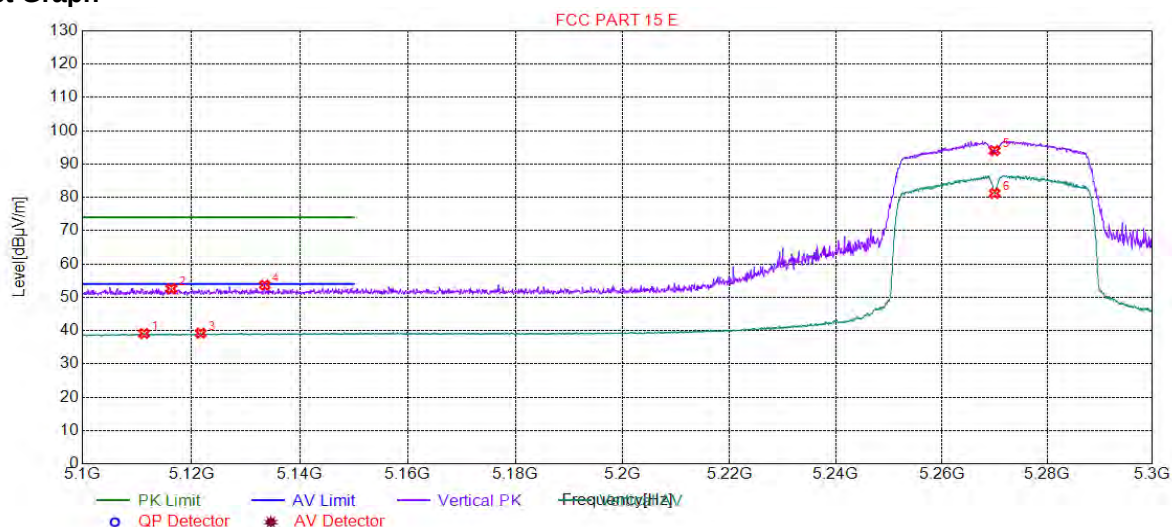
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#### 4.10.1.78 802.11AC40\_Channel 54

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5111.30     | 39.16          | 15.19       | 54.00          | 14.84       | 214         | 297       | Vertical |
| 2              | 5116.30     | 52.61          | 15.23       | 74.00          | 21.39       | 171         | 304       | Vertical |
| 3              | 5121.71     | 39.25          | 15.28       | 54.00          | 14.75       | 238         | 276       | Vertical |
| 4              | 5133.51     | 53.69          | 15.38       | 74.00          | 20.31       | 253         | 332       | Vertical |
| 5              | 5270.00     | 94.03          | 15.56       | 0.00           | -94.03      | 223         | 144       | Vertical |
| 6              | 5270.00     | 81.23          | 15.56       | 0.00           | -81.23      | 153         | 137       | Vertical |

##### Final Data List



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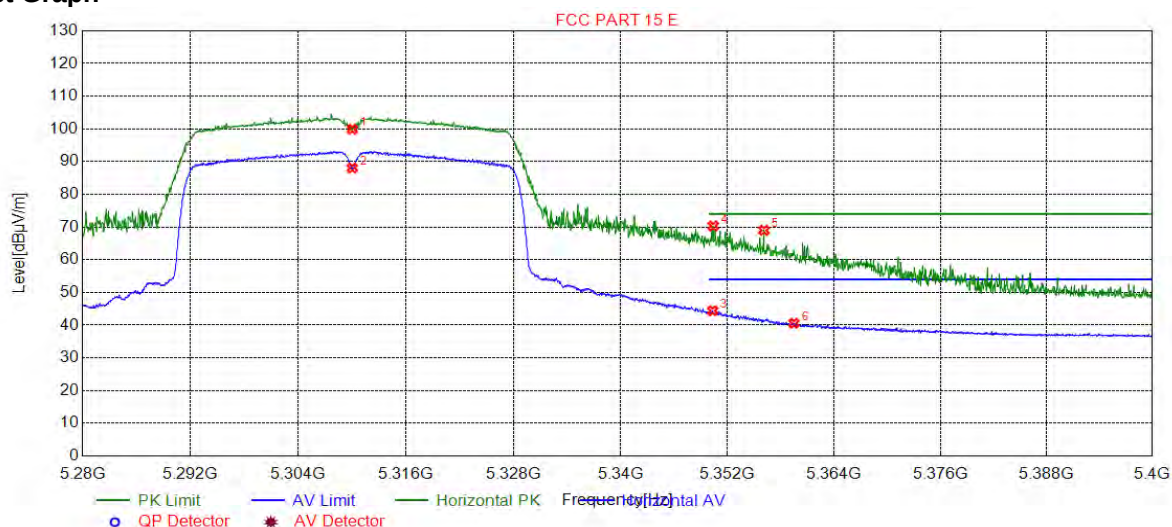
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#### 4.10.1.79 802.11AC40\_Channel 62

##### Test Graph



##### Suspected List

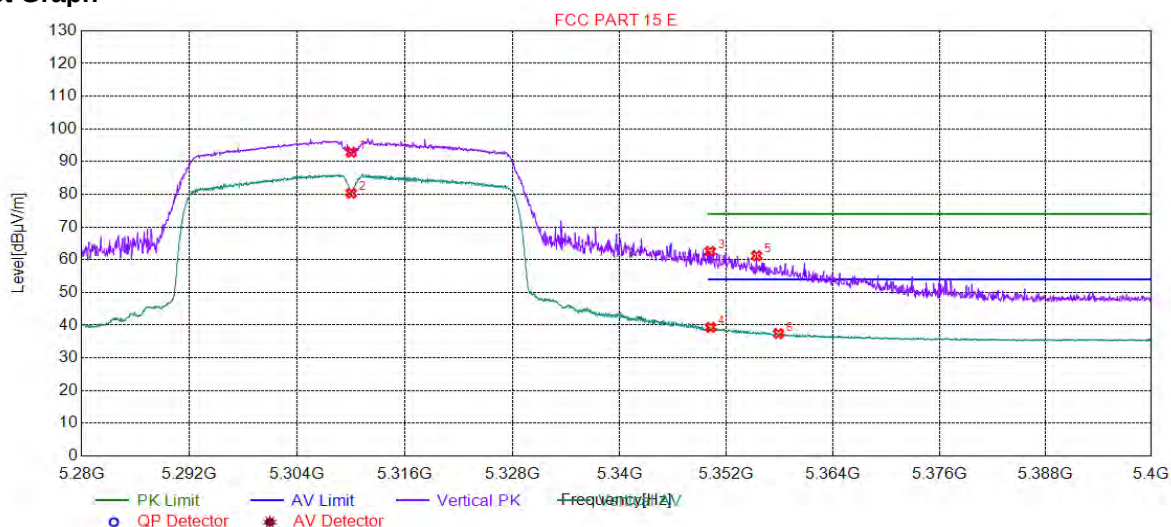
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5310.00     | 99.91          | 15.75       | 0.00           | -99.91      | 111         | 2         | Horizontal |
| 2              | 5310.00     | 88.04          | 15.75       | 0.00           | -88.04      | 200         | 344       | Horizontal |
| 3              | 5350.35     | 44.43          | 15.94       | 54.00          | 9.57        | 203         | 344       | Horizontal |
| 4              | 5350.41     | 70.32          | 15.94       | 74.00          | 3.68        | 193         | 324       | Horizontal |
| 5              | 5356.11     | 69.01          | 15.98       | 74.00          | 4.99        | 178         | 0         | Horizontal |
| 6              | 5359.47     | 40.60          | 16.00       | 54.00          | 13.40       | 247         | 344       | Horizontal |

##### Final Data List



#### 4.10.1.80 802.11AC40\_Channel 62

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5310.00     | 92.87          | 15.75       | 0.00           | -92.87      | 294         | 167       | Vertical |
| 2              | 5310.00     | 80.34          | 15.75       | 0.00           | -80.34      | 172         | 174       | Vertical |
| 3              | 5350.17     | 62.57          | 15.94       | 74.00          | 11.43       | 240         | 167       | Vertical |
| 4              | 5350.23     | 39.33          | 15.94       | 54.00          | 14.67       | 251         | 160       | Vertical |
| 5              | 5355.39     | 61.24          | 15.97       | 74.00          | 12.76       | 248         | 249       | Vertical |
| 6              | 5357.85     | 37.42          | 15.99       | 54.00          | 16.58       | 180         | 49        | Vertical |

##### Final Data List

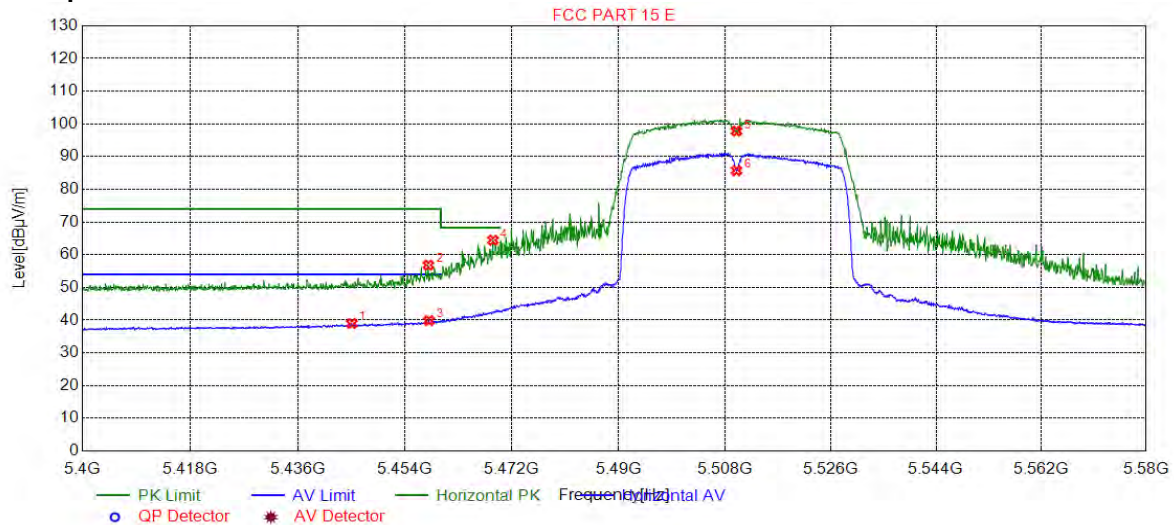


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## 4.10.1.81 802.11AC40\_Channel 102

## Test Graph



## Suspected List

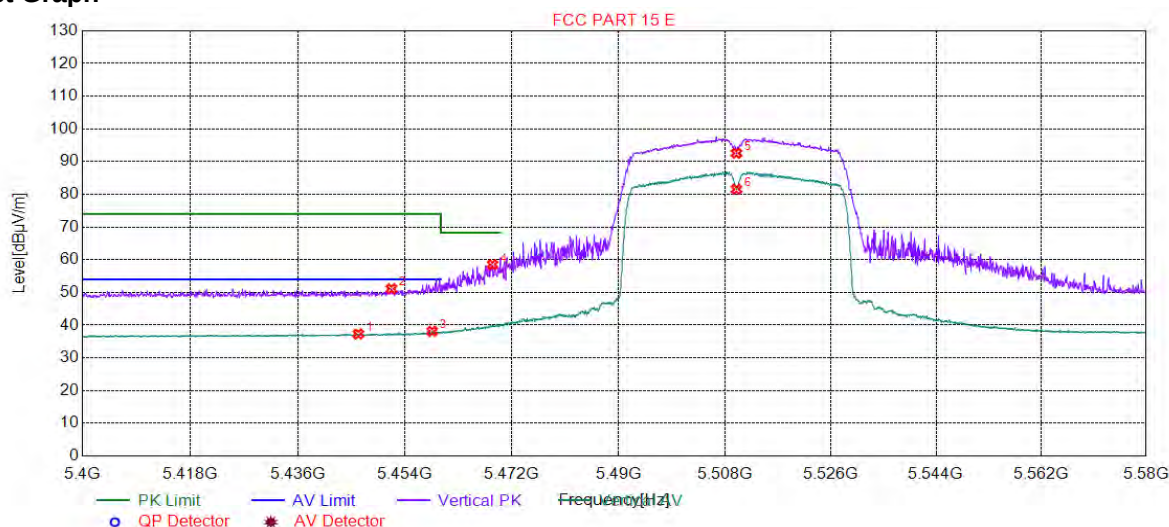
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5445.02     | 38.98          | 16.25       | 54.00          | 15.02       | 230         | 344       | Horizontal |
| 2              | 5457.89     | 56.84          | 16.25       | 74.00          | 17.16       | 148         | 331       | Horizontal |
| 3              | 5457.98     | 39.86          | 16.25       | 54.00          | 14.14       | 160         | 331       | Horizontal |
| 4              | 5468.79     | 64.44          | 16.25       | 68.30          | 3.86        | 241         | 344       | Horizontal |
| 5              | 5510.00     | 97.80          | 16.28       | 0.00           | -97.80      | 248         | 325       | Horizontal |
| 6              | 5510.00     | 85.73          | 16.28       | 0.00           | -85.73      | 226         | 344       | Horizontal |

## Final Data List



#### 4.10.1.82 802.11AC40\_Channel 102

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5446.10     | 37.32          | 16.25       | 54.00          | 16.68       | 183         | 256       | Vertical |
| 2              | 5451.68     | 51.13          | 16.25       | 74.00          | 22.87       | 254         | 16        | Vertical |
| 3              | 5458.52     | 38.14          | 16.25       | 54.00          | 15.86       | 244         | 138       | Vertical |
| 4              | 5468.70     | 58.52          | 16.25       | 68.30          | 9.78        | 172         | 235       | Vertical |
| 5              | 5510.00     | 92.56          | 16.28       | 0.00           | -92.56      | 258         | 173       | Vertical |
| 6              | 5510.00     | 81.56          | 16.28       | 0.00           | -81.56      | 273         | 256       | Vertical |

##### Final Data List

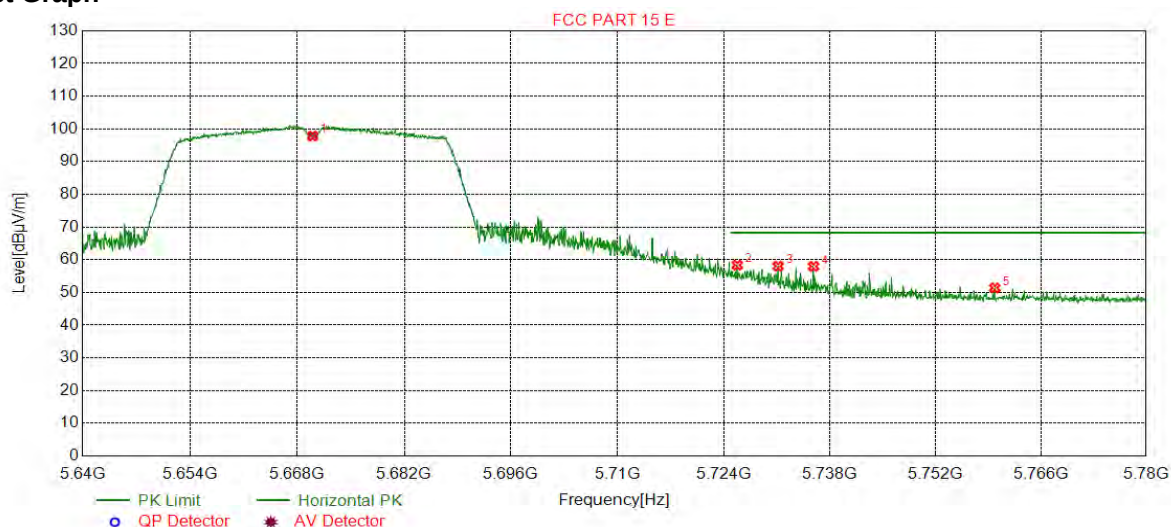


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## 4.10.1.83 802.11AC40\_Channel 134

## Test Graph



## Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5670.00     | 97.82          | 16.64       | 0.00           | -97.82      | 214         | 336       | Horizontal |
| 2              | 5725.79     | 58.35          | 16.97       | 68.30          | 9.95        | 215         | 336       | Horizontal |
| 3              | 5731.18     | 58.04          | 17.00       | 68.30          | 10.26       | 147         | 299       | Horizontal |
| 4              | 5735.87     | 57.96          | 17.03       | 68.30          | 10.34       | 125         | 331       | Horizontal |
| 5              | 5759.90     | 51.38          | 17.13       | 68.30          | 16.92       | 235         | 262       | Horizontal |

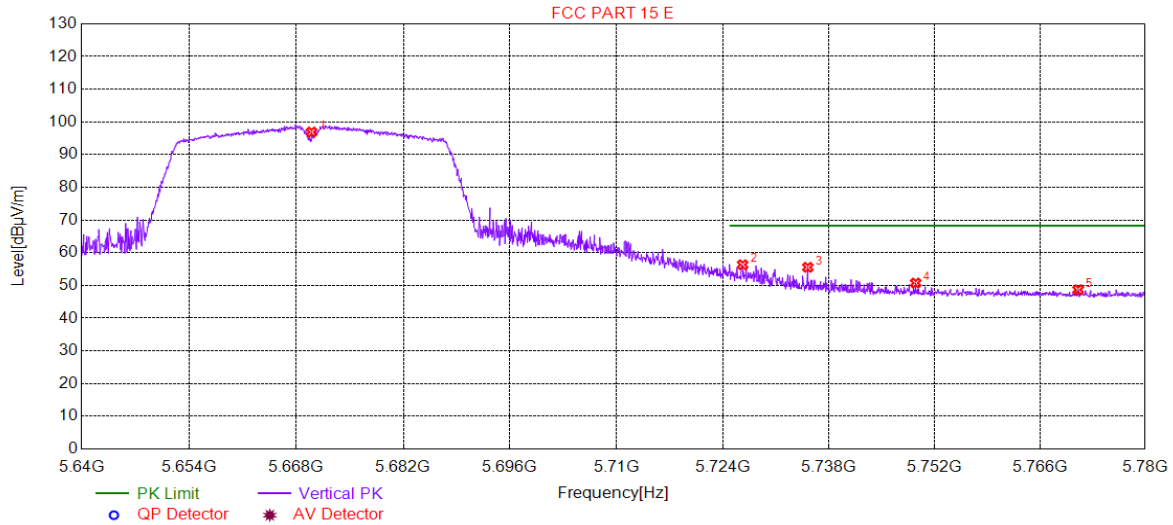
## Final Data List





#### 4.10.1.84 802.11AC40\_Channel 134

##### Test Graph



##### Suspected List

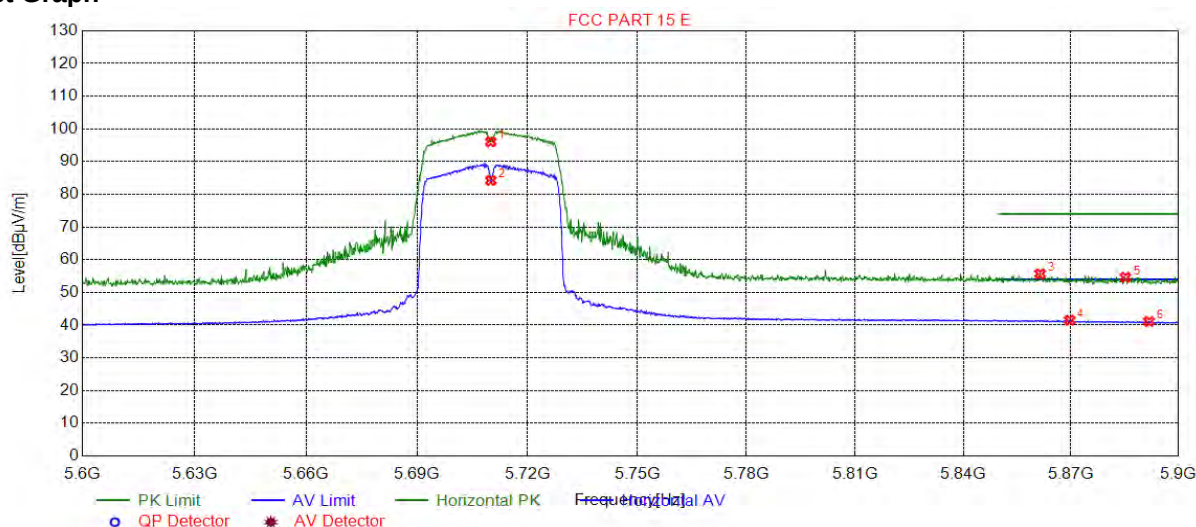
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5670.00     | 96.91          | 16.64       | 0.00           | -96.91      | 270         | 251       | Vertical |
| 2              | 5726.63     | 56.35          | 16.97       | 68.30          | 11.95       | 284         | 172       | Vertical |
| 3              | 5735.24     | 55.56          | 17.03       | 68.30          | 12.74       | 161         | 251       | Vertical |
| 4              | 5749.53     | 50.75          | 17.12       | 68.30          | 17.55       | 294         | 144       | Vertical |
| 5              | 5771.10     | 48.71          | 17.15       | 68.30          | 19.59       | 281         | 172       | Vertical |

##### Final Data List



#### 4.10.1.85 802.11AC40\_Channel 142

##### Test Graph



##### Suspected List

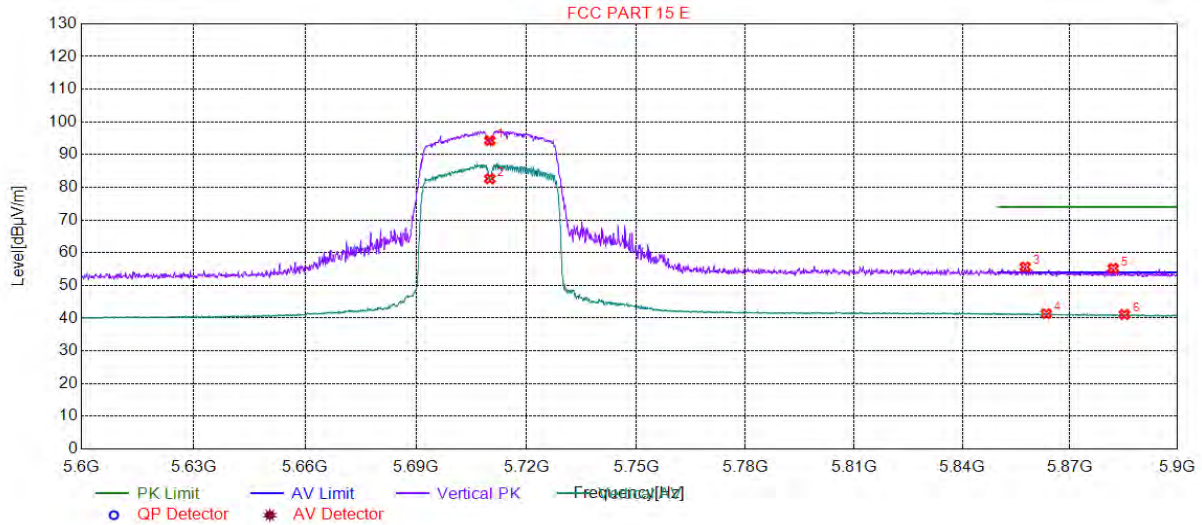
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5710.00     | 96.04          | 16.86       | 0.00           | -96.04      | 110         | 215       | Horizontal |
| 2              | 5710.00     | 84.28          | 16.86       | 0.00           | -84.28      | 118         | 222       | Horizontal |
| 3              | 5861.43     | 55.73          | 17.23       | 74.00          | 18.27       | 159         | 311       | Horizontal |
| 4              | 5869.68     | 41.52          | 17.20       | 54.00          | 12.48       | 173         | 0         | Horizontal |
| 5              | 5885.29     | 54.67          | 17.15       | 74.00          | 19.33       | 239         | 249       | Horizontal |
| 6              | 5891.89     | 41.12          | 17.13       | 54.00          | 12.88       | 121         | 6         | Horizontal |

##### Final Data List



#### 4.10.1.86 802.11AC40\_Channel 142

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5710.00     | 94.28          | 16.86       | 0.00           | -94.28      | 259         | 117       | Vertical |
| 2              | 5710.00     | 82.62          | 16.86       | 0.00           | -82.62      | 175         | 250       | Vertical |
| 3              | 5857.52     | 55.65          | 17.24       | 74.00          | 18.35       | 245         | 50        | Vertical |
| 4              | 5863.38     | 41.37          | 17.22       | 54.00          | 12.63       | 285         | 83        | Vertical |
| 5              | 5882.14     | 55.25          | 17.16       | 74.00          | 18.75       | 239         | 359       | Vertical |
| 6              | 5885.29     | 41.12          | 17.15       | 54.00          | 12.88       | 157         | 215       | Vertical |

##### Final Data List

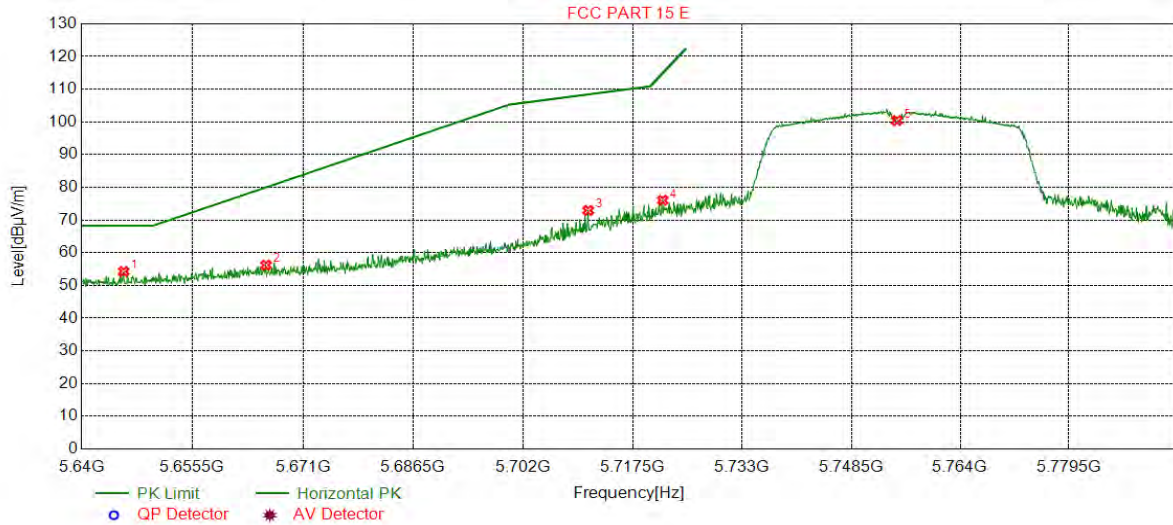


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#### 4.10.1.87 802.11AC40\_Channel 151

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5645.89     | 54.26          | 16.53       | 68.30          | 14.04       | 180         | 336       | Horizontal |
| 2              | 5665.82     | 56.21          | 16.62       | 80.01          | 23.80       | 216         | 340       | Horizontal |
| 3              | 5711.18     | 72.94          | 16.87       | 108.43         | 35.49       | 212         | 289       | Horizontal |
| 4              | 5721.72     | 76.07          | 16.94       | 114.83         | 38.76       | 243         | 336       | Horizontal |
| 5              | 5755.00     | 100.42         | 17.13       | 0.00           | -100.42     | 154         | 294       | Horizontal |

##### Final Data List



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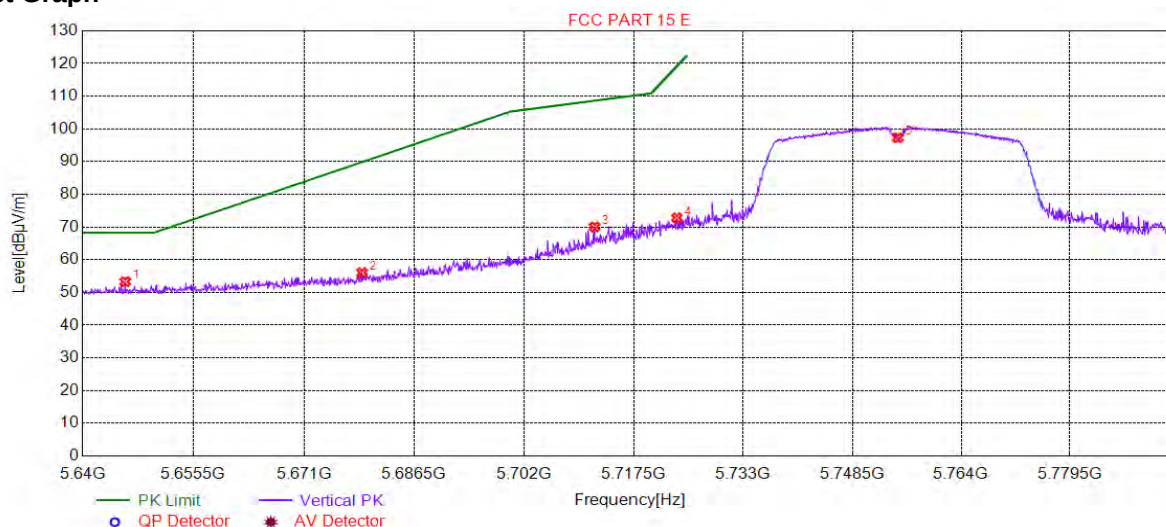
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## 4.10.1.88 802.11AC40\_Channel 151

## Test Graph



## Suspected List

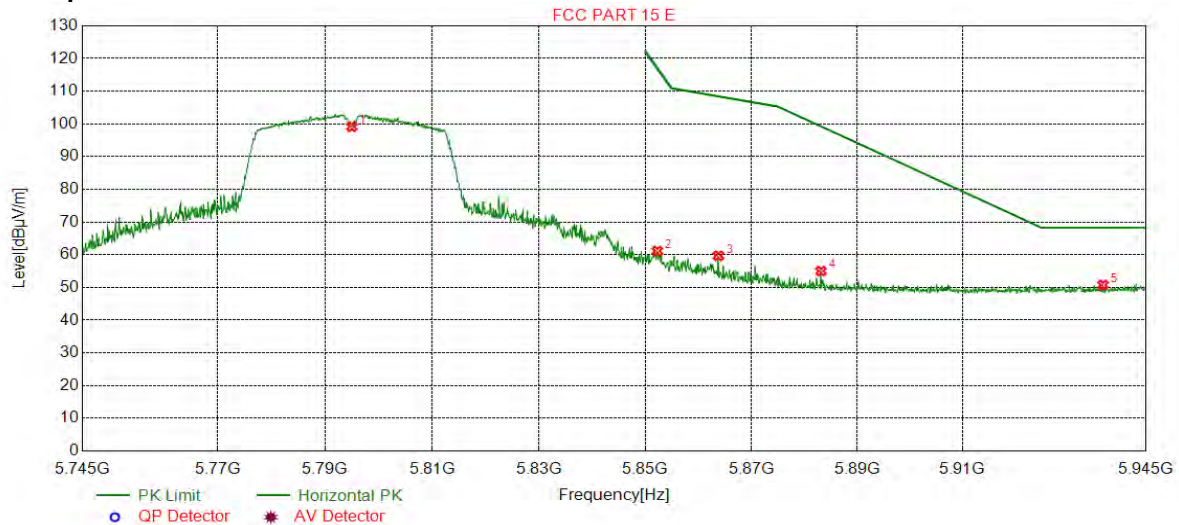
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5645.97     | 53.31          | 16.53       | 68.30          | 14.99       | 263         | 230       | Vertical |
| 2              | 5679.15     | 56.04          | 16.69       | 89.88          | 33.84       | 165         | 38        | Vertical |
| 3              | 5711.95     | 70.06          | 16.88       | 108.65         | 38.59       | 257         | 61        | Vertical |
| 4              | 5723.58     | 72.81          | 16.95       | 119.08         | 46.27       | 168         | 144       | Vertical |
| 5              | 5755.00     | 97.28          | 17.13       | 0.00           | -97.28      | 211         | 144       | Vertical |

## Final Data List



## 4.10.1.89 802.11AC40\_Channel 159

## Test Graph



## Suspected List

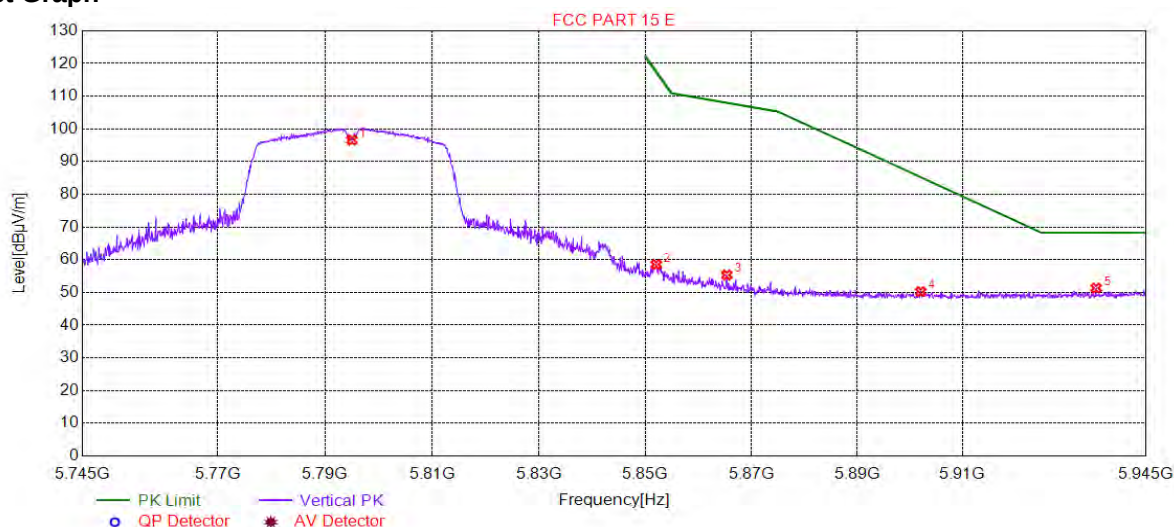
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5795.00     | 99.13          | 17.18       | 0.00           | -99.13      | 230         | 268       | Horizontal |
| 2              | 5852.25     | 61.14          | 17.25       | 117.16         | 56.02       | 244         | 322       | Horizontal |
| 3              | 5863.75     | 59.69          | 17.22       | 108.45         | 48.76       | 171         | 332       | Horizontal |
| 4              | 5883.16     | 55.02          | 17.16       | 99.25          | 44.23       | 199         | 318       | Horizontal |
| 5              | 5936.79     | 50.77          | 17.68       | 68.30          | 17.53       | 169         | 291       | Horizontal |

## Final Data List



## 4.10.1.90 802.11AC40\_Channel 159

## Test Graph



## Suspected List

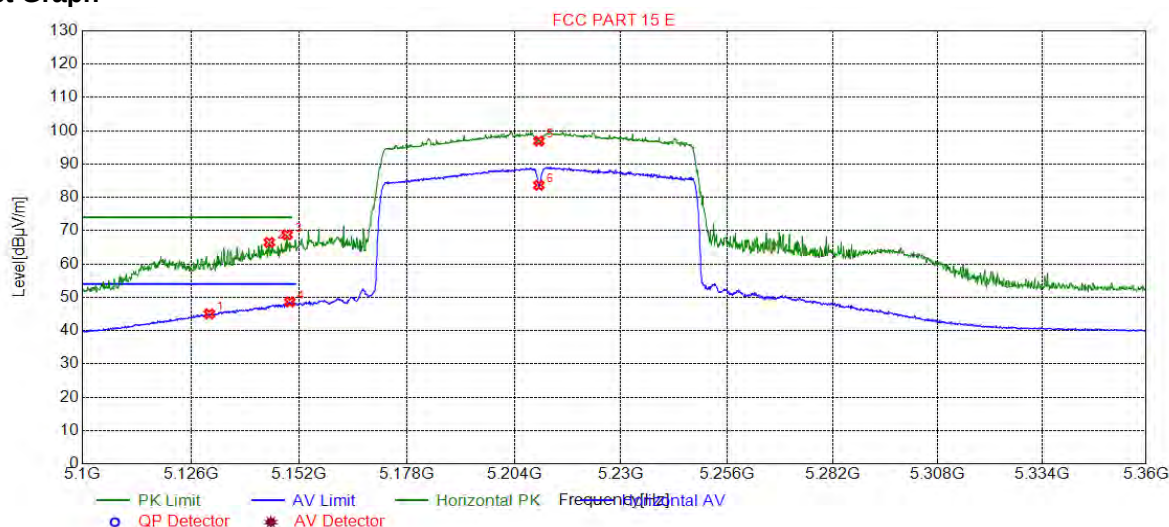
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5795.00     | 96.61          | 17.18       | 0.00           | -96.61      | 238         | 144       | Vertical |
| 2              | 5852.05     | 58.56          | 17.25       | 117.62         | 59.06       | 174         | 167       | Vertical |
| 3              | 5865.36     | 55.35          | 17.21       | 108.00         | 52.65       | 172         | 171       | Vertical |
| 4              | 5902.07     | 50.26          | 17.14       | 85.26          | 35.00       | 272         | 106       | Vertical |
| 5              | 5935.49     | 51.34          | 17.66       | 68.30          | 16.96       | 173         | 20        | Vertical |

## Final Data List



## 4.10.1.91 802.11AC80\_Channel 42

## Test Graph



## Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5130.30     | 45.04          | 15.35       | 54.00          | 8.96        | 106         | 344       | Horizontal |
| 2              | 5144.74     | 66.51          | 15.47       | 74.00          | 7.49        | 246         | 12        | Horizontal |
| 3              | 5149.03     | 68.79          | 15.51       | 74.00          | 5.21        | 192         | 344       | Horizontal |
| 4              | 5149.68     | 48.64          | 15.52       | 54.00          | 5.36        | 227         | 0         | Horizontal |
| 5              | 5210.00     | 96.91          | 15.56       | 0.00           | -96.91      | 206         | 344       | Horizontal |
| 6              | 5210.00     | 83.65          | 15.56       | 0.00           | -83.65      | 100         | 344       | Horizontal |

## Final Data List



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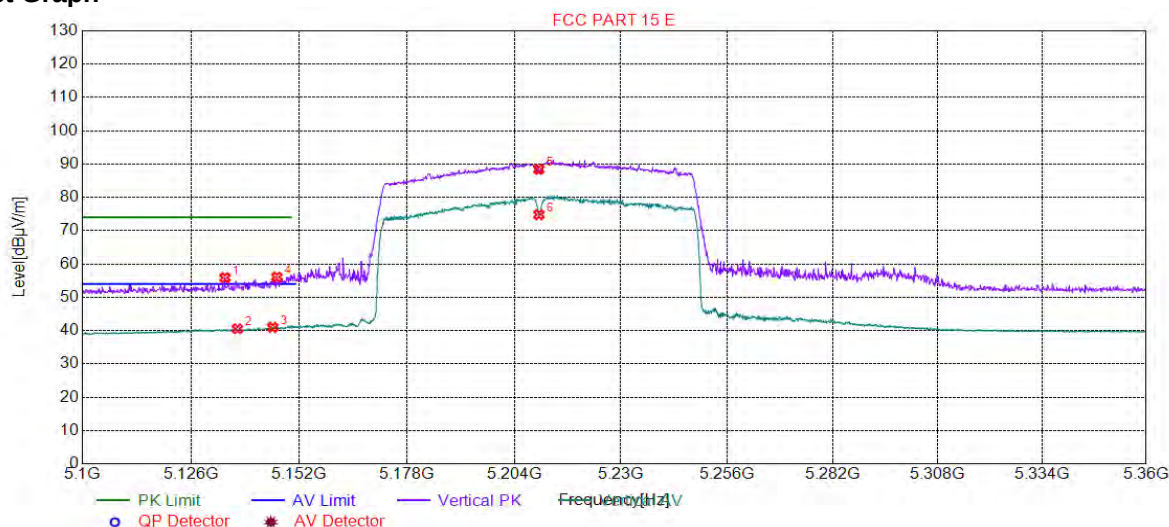
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#### 4.10.1.92 802.11AC80\_Channel 42

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5134.07     | 55.91          | 15.38       | 74.00          | 18.09       | 182         | 209       | Vertical |
| 2              | 5137.06     | 40.56          | 15.41       | 54.00          | 13.44       | 281         | 133       | Vertical |
| 3              | 5145.52     | 41.01          | 15.48       | 54.00          | 12.99       | 232         | 140       | Vertical |
| 4              | 5146.56     | 56.11          | 15.49       | 74.00          | 17.89       | 235         | 168       | Vertical |
| 5              | 5210.00     | 88.42          | 15.56       | 0.00           | -88.42      | 202         | 140       | Vertical |
| 6              | 5210.00     | 74.81          | 15.56       | 0.00           | -74.81      | 237         | 140       | Vertical |

##### Final Data List

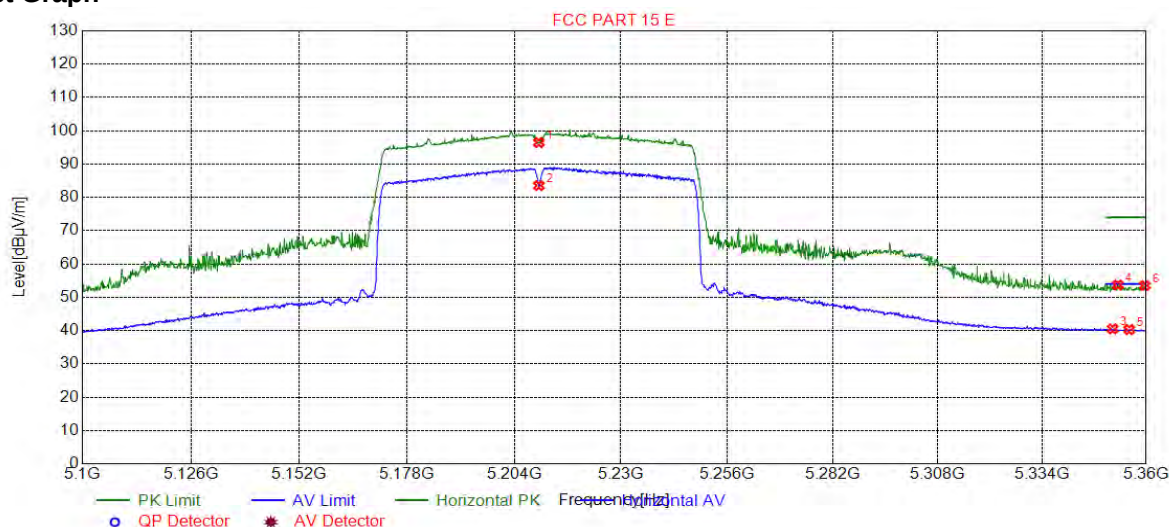


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## 4.10.1.93 802.11AC80\_Channel 42

## Test Graph



## Suspected List

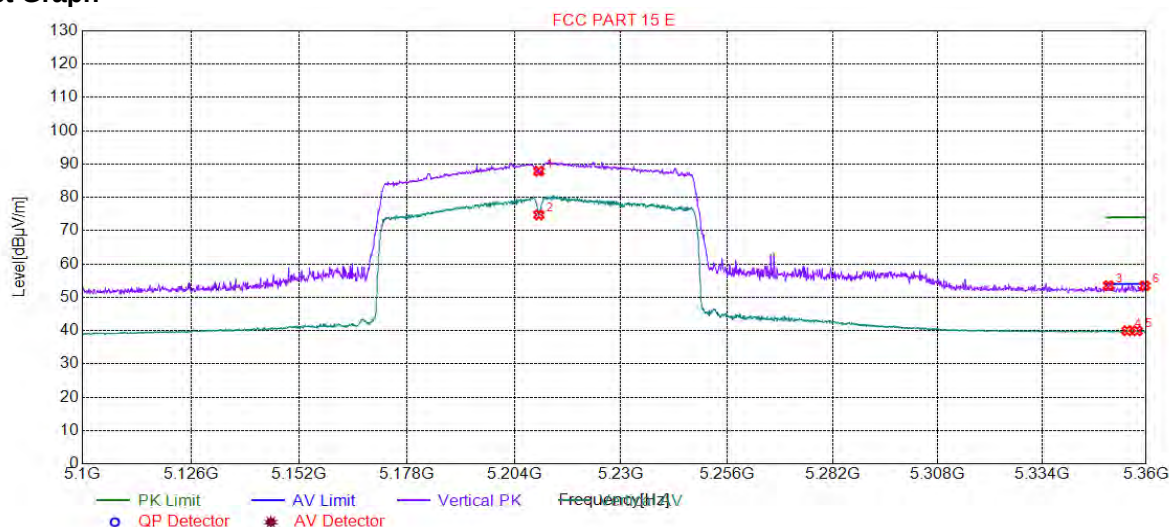
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5210.00     | 96.46          | 15.56       | 0.00           | -96.46      | 194         | 344       | Horizontal |
| 2              | 5210.00     | 83.53          | 15.56       | 0.00           | -83.53      | 155         | 344       | Horizontal |
| 3              | 5351.67     | 40.54          | 15.95       | 54.00          | 13.46       | 190         | 344       | Horizontal |
| 4              | 5352.97     | 53.72          | 15.96       | 74.00          | 20.28       | 164         | 344       | Horizontal |
| 5              | 5355.83     | 40.33          | 15.98       | 54.00          | 13.67       | 130         | 344       | Horizontal |
| 6              | 5359.73     | 53.56          | 16.00       | 74.00          | 20.44       | 175         | 144       | Horizontal |

## Final Data List



#### 4.10.1.94 802.11AC80\_Channel 42

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5210.00     | 87.84          | 15.56       | 0.00           | -87.84      | 297         | 138       | Vertical |
| 2              | 5210.00     | 74.75          | 15.56       | 0.00           | -74.75      | 195         | 145       | Vertical |
| 3              | 5350.63     | 53.55          | 15.94       | 74.00          | 20.45       | 283         | 42        | Vertical |
| 4              | 5355.31     | 40.00          | 15.97       | 54.00          | 14.00       | 285         | 164       | Vertical |
| 5              | 5357.78     | 39.95          | 15.99       | 54.00          | 14.05       | 180         | 213       | Vertical |
| 6              | 5359.73     | 53.48          | 16.00       | 74.00          | 20.52       | 186         | 323       | Vertical |

##### Final Data List

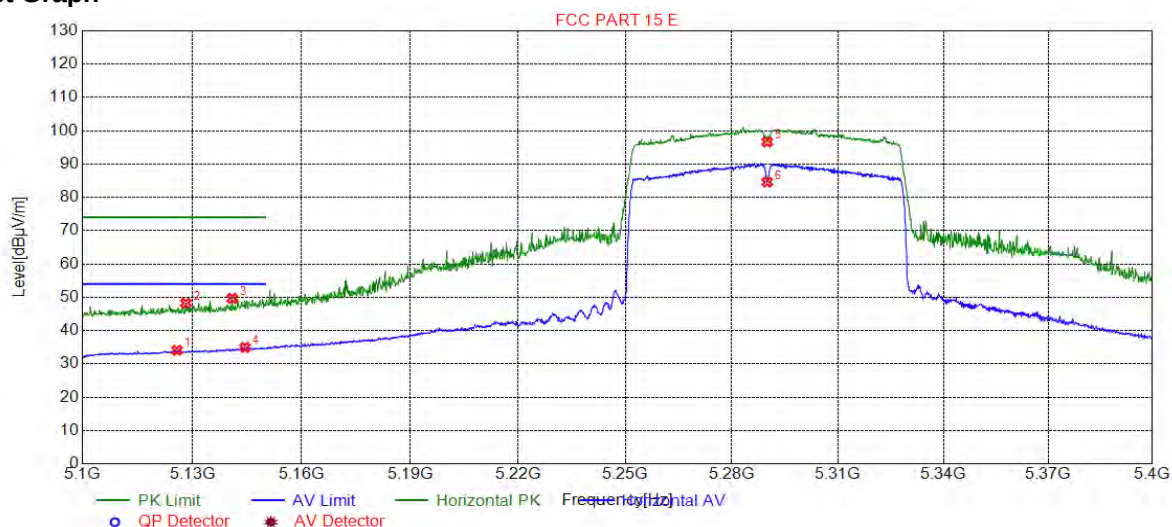


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## 4.10.1.95 802.11AC80\_Channel 58

## Test Graph



## Suspected List

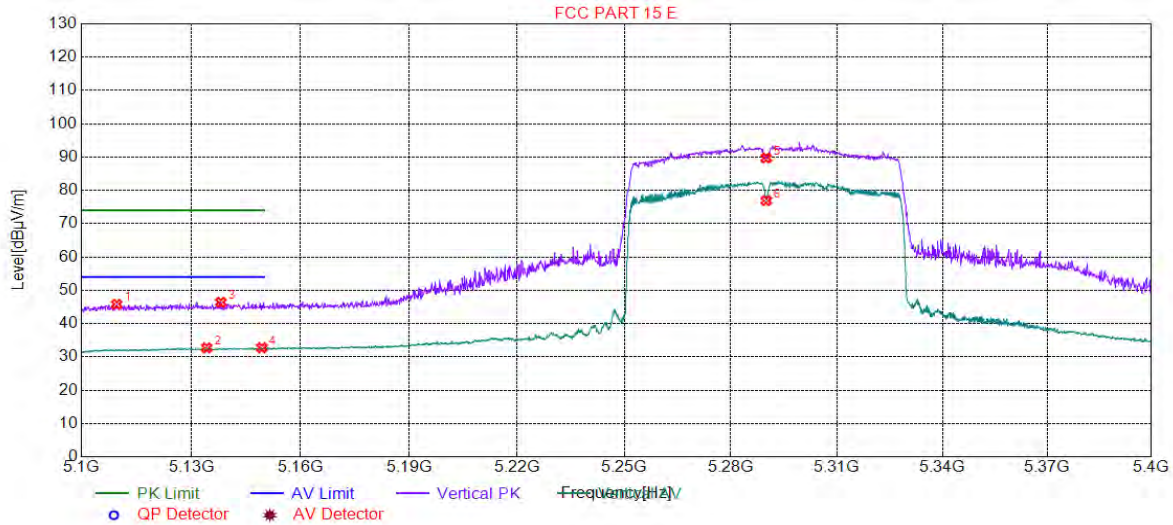
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5125.81     | 34.11          | 15.31       | 54.00          | 19.89       | 108         | 0         | Horizontal |
| 2              | 5128.21     | 48.26          | 15.33       | 74.00          | 25.74       | 160         | 8         | Horizontal |
| 3              | 5140.97     | 49.69          | 15.44       | 74.00          | 24.31       | 223         | 344       | Horizontal |
| 4              | 5144.42     | 34.99          | 15.47       | 54.00          | 19.01       | 207         | 2         | Horizontal |
| 5              | 5290.00     | 96.63          | 15.65       | 0.00           | -96.63      | 201         | 344       | Horizontal |
| 6              | 5290.00     | 84.59          | 15.65       | 0.00           | -84.59      | 177         | 344       | Horizontal |

## Final Data List



#### 4.10.1.96 802.11AC80\_Channel 58

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5109.60     | 45.80          | 15.17       | 74.00          | 28.20       | 261         | 22        | Vertical |
| 2              | 5134.21     | 32.75          | 15.38       | 54.00          | 21.25       | 274         | 360       | Vertical |
| 3              | 5138.11     | 46.42          | 15.42       | 74.00          | 27.58       | 260         | 243       | Vertical |
| 4              | 5149.37     | 32.80          | 15.51       | 54.00          | 21.20       | 212         | 145       | Vertical |
| 5              | 5290.00     | 89.72          | 15.65       | 0.00           | -89.72      | 165         | 152       | Vertical |
| 6              | 5290.00     | 76.95          | 15.65       | 0.00           | -76.95      | 244         | 145       | Vertical |

##### Final Data List



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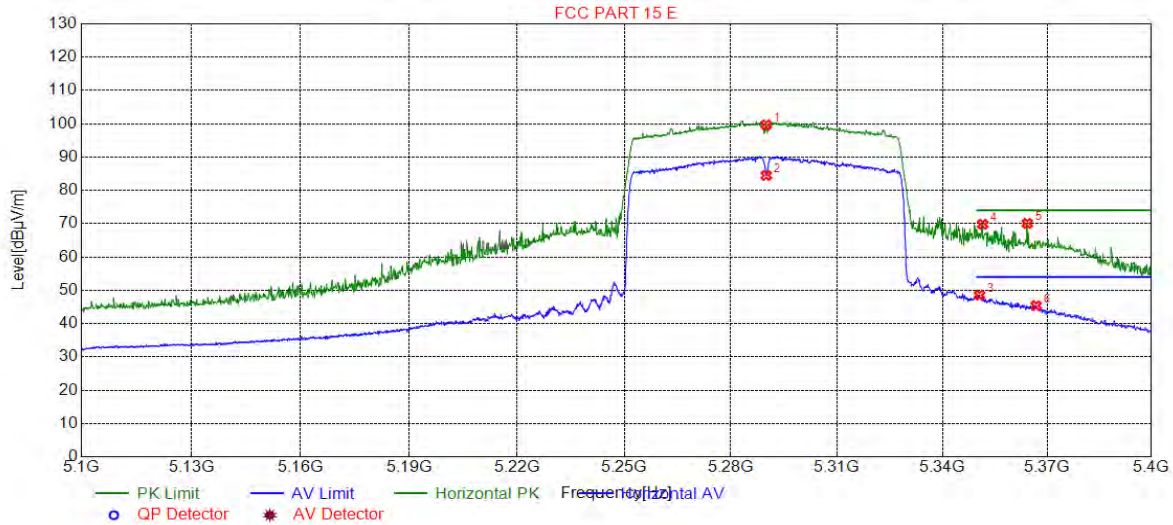
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#### 4.10.1.97 802.11AC80\_Channel 58

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5290.00     | 99.70          | 15.65       | 0.00           | -99.70      | 234         | 344       | Horizontal |
| 2              | 5290.00     | 84.49          | 15.65       | 0.00           | -84.49      | 234         | 344       | Horizontal |
| 3              | 5350.62     | 48.58          | 15.94       | 54.00          | 5.42        | 145         | 344       | Horizontal |
| 4              | 5351.52     | 69.85          | 15.95       | 74.00          | 4.15        | 174         | 344       | Horizontal |
| 5              | 5364.28     | 70.10          | 16.03       | 74.00          | 3.90        | 132         | 332       | Horizontal |
| 6              | 5366.83     | 45.43          | 16.04       | 54.00          | 8.57        | 221         | 344       | Horizontal |

##### Final Data List



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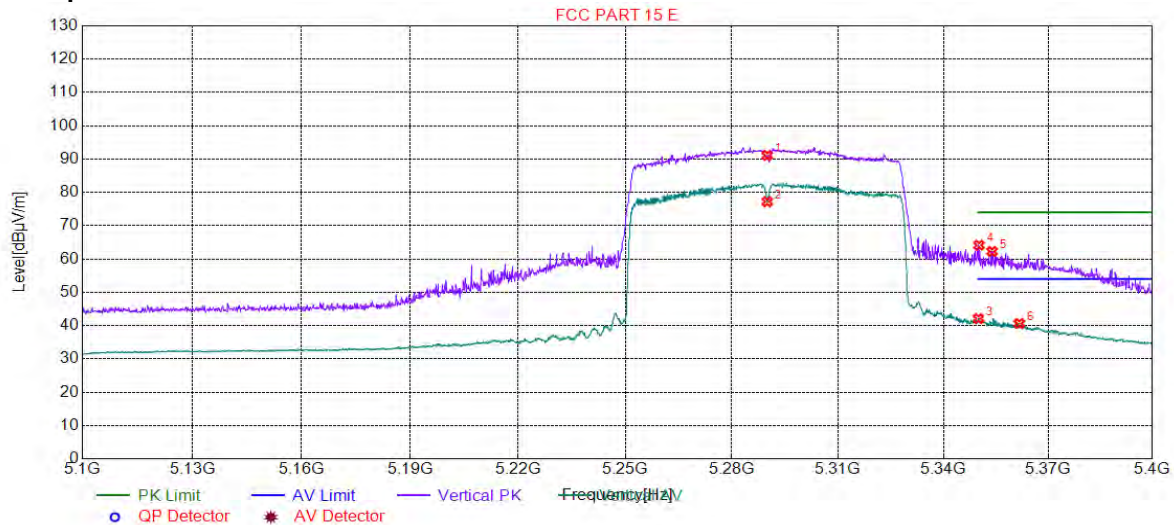
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#### 4.10.1.98 802.11AC80\_Channel 58

## Test Graph



## Suspected List

| Suspected List |                |                   |                |                   |                |                |              |          |
|----------------|----------------|-------------------|----------------|-------------------|----------------|----------------|--------------|----------|
| NO.            | Freq.<br>[MHz] | Level<br>[dBµV/m] | Factor<br>[dB] | Limit<br>[dBµV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1              | 5290.00        | 91.12             | 15.65          | 0.00              | -91.12         | 157            | 167          | Vertical |
| 2              | 5290.00        | 77.21             | 15.65          | 0.00              | -77.21         | 206            | 251          | Vertical |
| 3              | 5350.02        | 42.13             | 15.94          | 54.00             | 11.87          | 260            | 160          | Vertical |
| 4              | 5350.17        | 64.17             | 15.94          | 74.00             | 9.83           | 195            | 64           | Vertical |
| 5              | 5353.92        | 62.29             | 15.96          | 74.00             | 11.71          | 271            | 50           | Vertical |
| 6              | 5361.73        | 40.66             | 16.01          | 54.00             | 13.34          | 270            | 160          | Vertical |

### Final Data List



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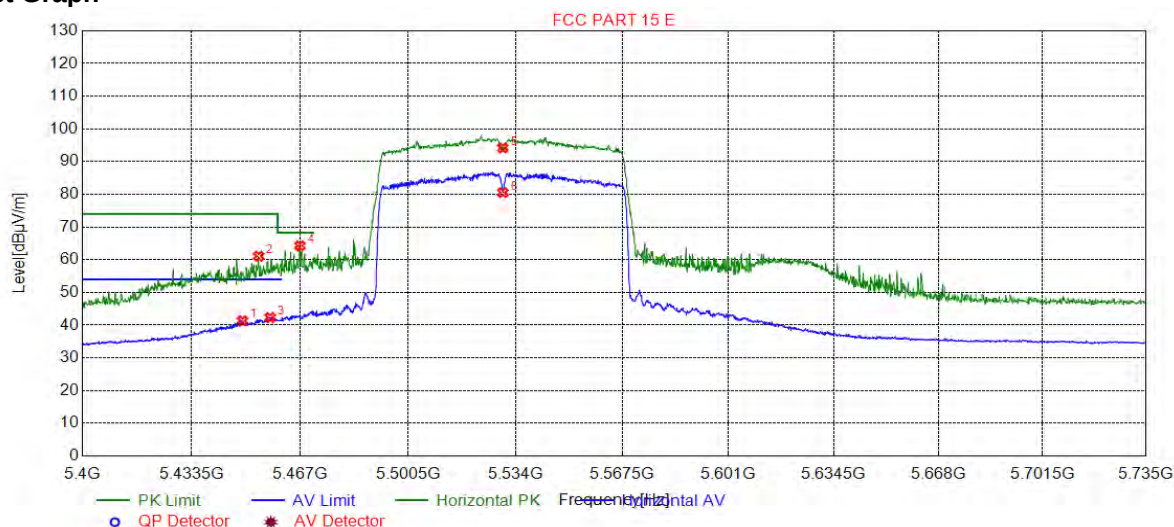
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## 4.10.1.99 802.11AC80\_Channel 106

## Test Graph



## Suspected List

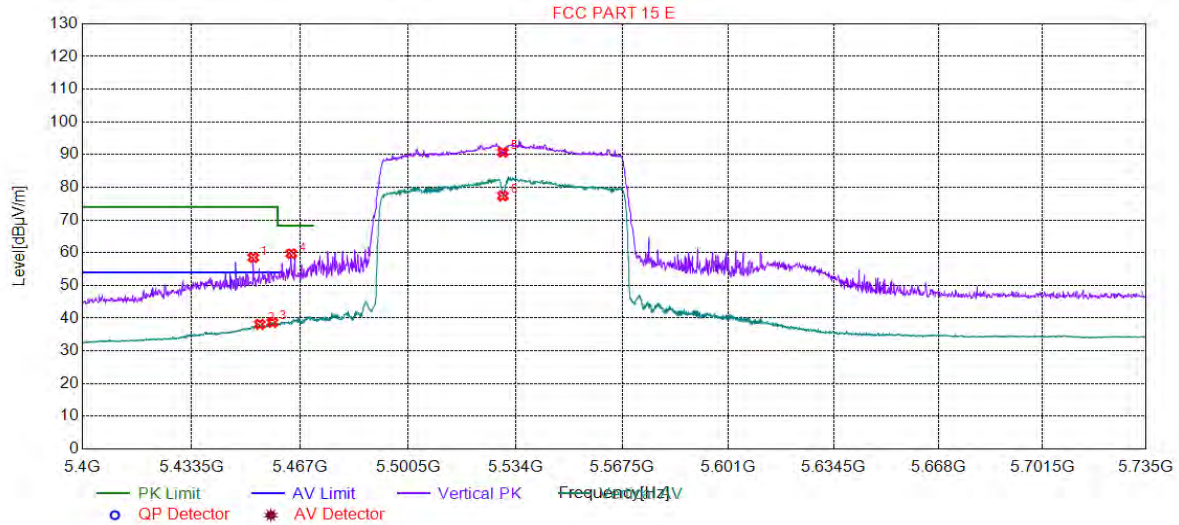
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5449.10     | 41.36          | 16.25       | 54.00          | 12.64       | 189         | 344       | Horizontal |
| 2              | 5454.12     | 61.11          | 16.25       | 74.00          | 12.89       | 148         | 344       | Horizontal |
| 3              | 5457.64     | 42.34          | 16.25       | 54.00          | 11.66       | 159         | 344       | Horizontal |
| 4              | 5466.86     | 64.27          | 16.25       | 68.30          | 4.03        | 100         | 0         | Horizontal |
| 5              | 5530.00     | 94.22          | 16.35       | 0.00           | -94.22      | 177         | 317       | Horizontal |
| 6              | 5530.00     | 80.53          | 16.35       | 0.00           | -80.53      | 209         | 338       | Horizontal |

## Final Data List



#### 4.10.1.100 802.11AC80\_Channel 106

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5452.45     | 58.55          | 16.25       | 74.00          | 15.45       | 253         | 104       | Vertical |
| 2              | 5454.46     | 38.14          | 16.25       | 54.00          | 15.86       | 204         | 159       | Vertical |
| 3              | 5458.31     | 38.70          | 16.25       | 54.00          | 15.30       | 171         | 249       | Vertical |
| 4              | 5464.18     | 59.75          | 16.25       | 68.30          | 8.55        | 204         | 29        | Vertical |
| 5              | 5530.00     | 90.75          | 16.35       | 0.00           | -90.75      | 231         | 50        | Vertical |
| 6              | 5530.00     | 77.41          | 16.35       | 0.00           | -77.41      | 194         | 159       | Vertical |

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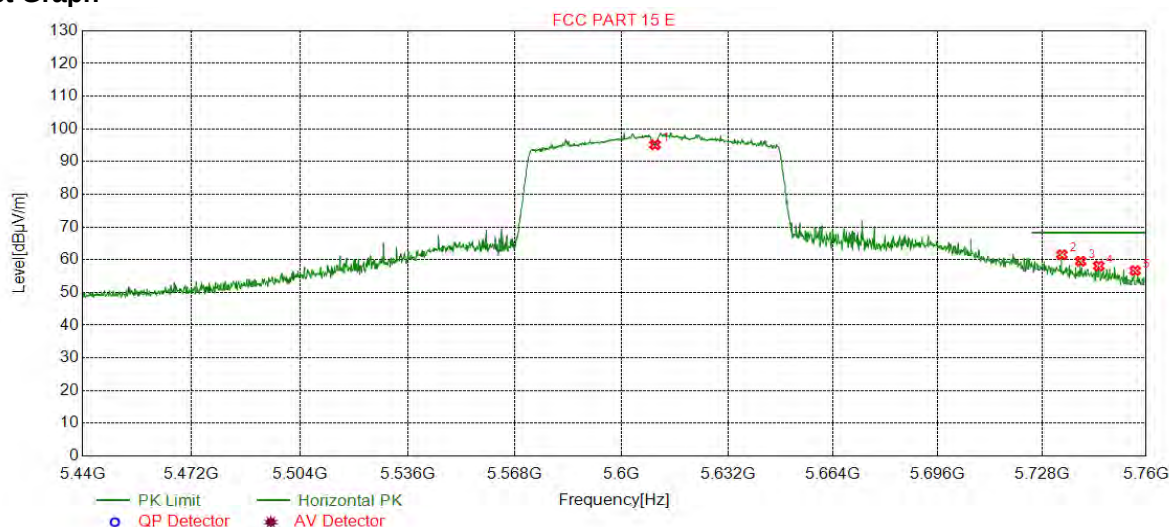
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#### 4.10.1.101 802.11AC80\_Channel 122

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5610.00     | 95.16          | 16.58       | 0.00           | -95.16      | 134         | 335       | Horizontal |
| 2              | 5734.06     | 61.55          | 17.02       | 68.30          | 6.75        | 228         | 312       | Horizontal |
| 3              | 5739.82     | 59.56          | 17.05       | 68.30          | 8.74        | 132         | 6         | Horizontal |
| 4              | 5745.43     | 58.12          | 17.09       | 68.30          | 10.18       | 174         | 344       | Horizontal |
| 5              | 5756.63     | 56.69          | 17.13       | 68.30          | 11.61       | 168         | 344       | Horizontal |

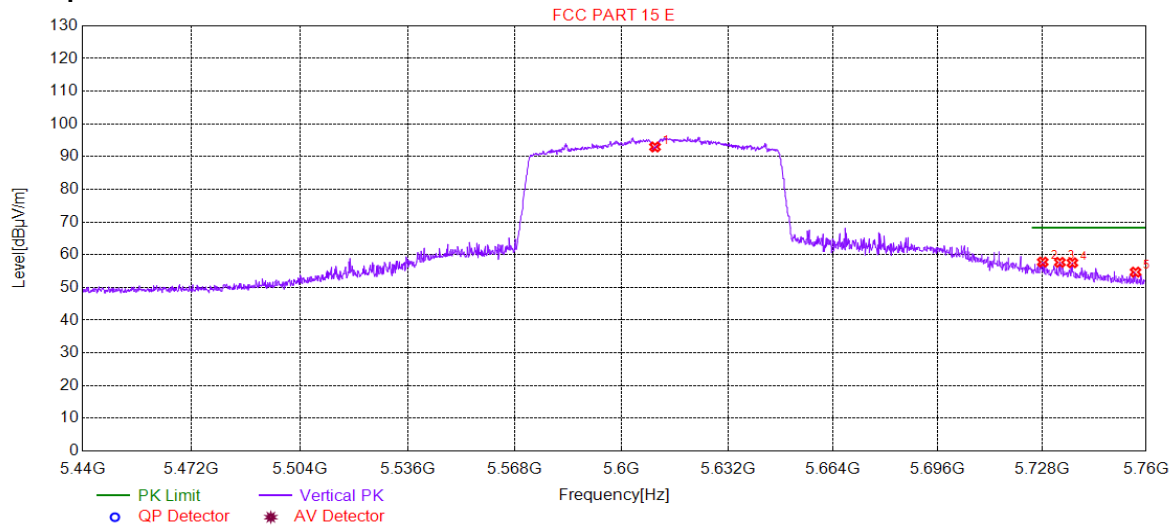
##### Final Data List





4.10.1.102 802.11AC80\_Channel 122

Test Graph



Suspected List

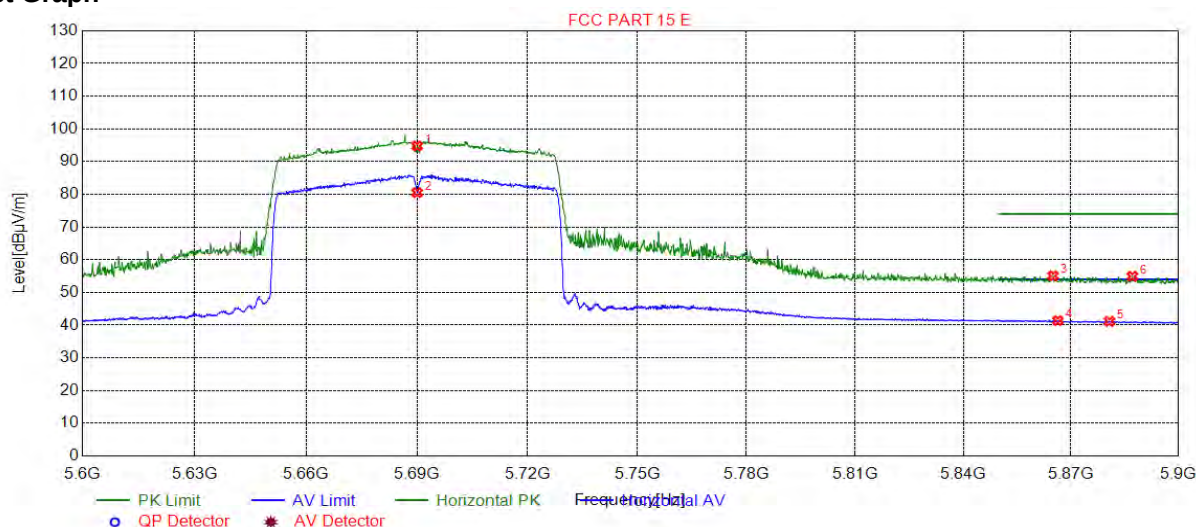
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5610.00     | 92.97          | 16.58       | 0.00           | -92.97      | 205         | 163       | Vertical |
| 2              | 5728.14     | 57.78          | 16.98       | 68.30          | 10.52       | 197         | 293       | Vertical |
| 3              | 5733.42     | 57.69          | 17.01       | 68.30          | 10.61       | 166         | 163       | Vertical |
| 4              | 5737.26     | 57.55          | 17.04       | 68.30          | 10.75       | 226         | 144       | Vertical |
| 5              | 5756.79     | 54.70          | 17.13       | 68.30          | 13.60       | 173         | 29        | Vertical |

Final Data List



#### 4.10.1.103 802.11AC80\_Channel 138

##### Test Graph



##### Suspected List

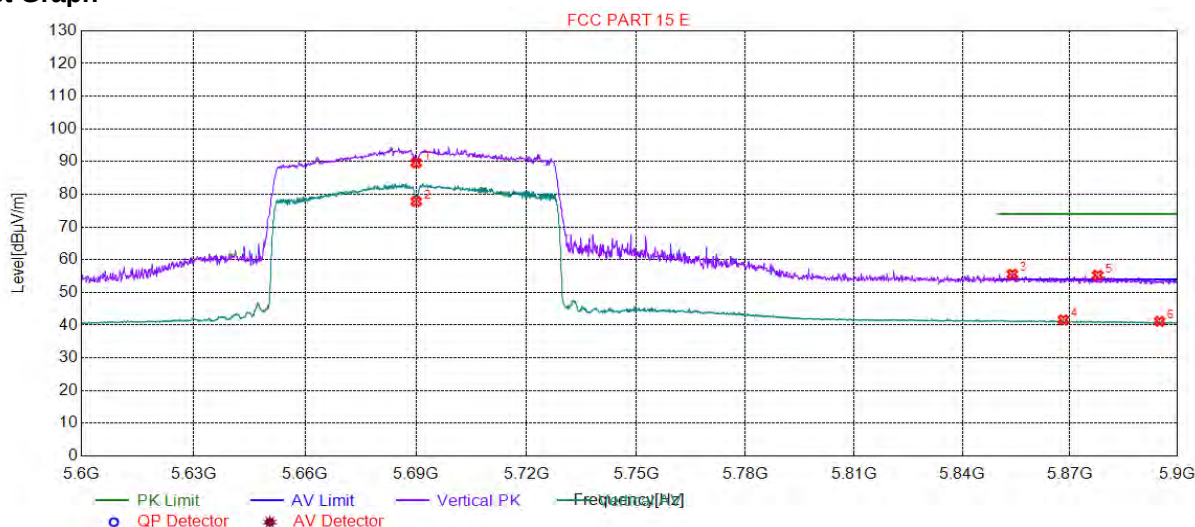
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5690.00     | 94.77          | 16.75       | 0.00           | -94.77      | 208         | 344       | Horizontal |
| 2              | 5690.00     | 80.53          | 16.75       | 0.00           | -80.53      | 177         | 323       | Horizontal |
| 3              | 5865.03     | 55.11          | 17.21       | 74.00          | 18.89       | 158         | 337       | Horizontal |
| 4              | 5866.38     | 41.41          | 17.21       | 54.00          | 12.59       | 122         | 14        | Horizontal |
| 5              | 5880.79     | 41.17          | 17.17       | 54.00          | 12.83       | 135         | 130       | Horizontal |
| 6              | 5887.24     | 54.95          | 17.15       | 74.00          | 19.05       | 106         | 234       | Horizontal |

##### Final Data List



#### 4.10.1.104 802.11AC80\_Channel 138

##### Test Graph



##### Suspected List

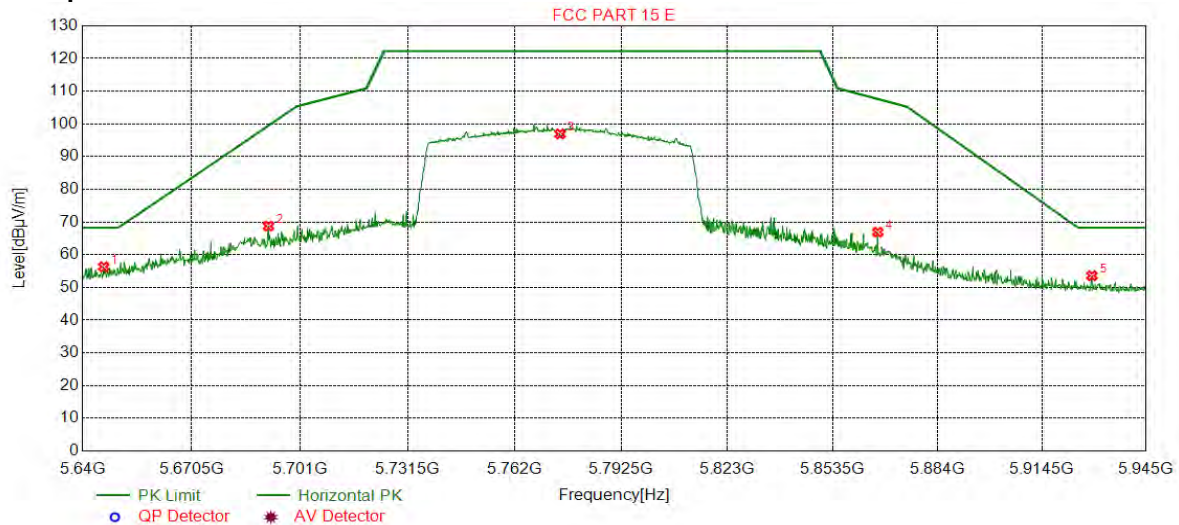
| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5690.00     | 89.61          | 16.75       | 0.00           | -89.61      | 293         | 35        | Vertical |
| 2              | 5690.00     | 77.86          | 16.75       | 0.00           | -77.86      | 162         | 250       | Vertical |
| 3              | 5853.92     | 55.60          | 17.25       | 74.00          | 18.40       | 172         | 299       | Vertical |
| 4              | 5868.18     | 41.63          | 17.21       | 54.00          | 12.37       | 181         | 152       | Vertical |
| 5              | 5877.78     | 55.28          | 17.18       | 74.00          | 18.72       | 162         | 62        | Vertical |
| 6              | 5895.19     | 41.17          | 17.12       | 54.00          | 12.83       | 184         | 49        | Vertical |

##### Final Data List



## 4.10.1.105 802.11AC80\_Channel 155

## Test Graph



## Suspected List

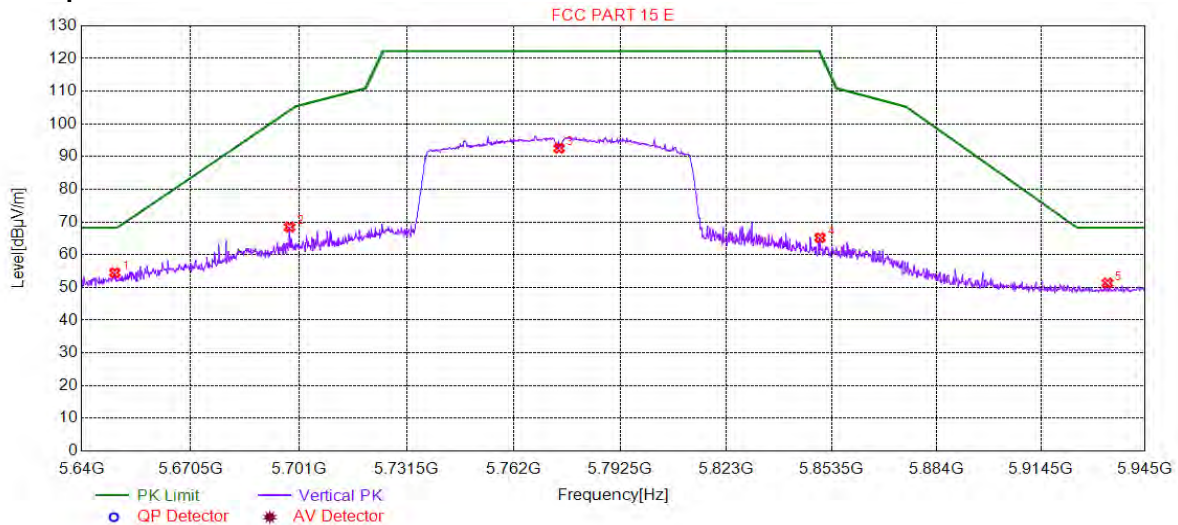
| Suspected List |             |                |             |                |             |             |           |            |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 5645.95     | 56.34          | 16.53       | 68.30          | 11.96       | 126         | 298       | Horizontal |
| 2              | 5692.18     | 68.79          | 16.76       | 99.51          | 30.72       | 141         | 7         | Horizontal |
| 3              | 5775.00     | 96.95          | 17.16       | 122.30         | 25.35       | 127         | 331       | Horizontal |
| 4              | 5866.57     | 66.91          | 17.21       | 107.66         | 40.75       | 107         | 335       | Horizontal |
| 5              | 5929.13     | 53.60          | 17.56       | 68.30          | 14.70       | 112         | 331       | Horizontal |

## Final Data List



#### 4.10.1.106 802.11AC80\_Channel 155

##### Test Graph



##### Suspected List

| Suspected List |             |                |             |                |             |             |           |          |
|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 5649.30     | 54.54          | 16.53       | 68.30          | 13.76       | 257         | 140       | Vertical |
| 2              | 5698.43     | 68.47          | 16.79       | 104.14         | 35.67       | 239         | 254       | Vertical |
| 3              | 5775.00     | 92.57          | 17.16       | 122.30         | 29.73       | 230         | 245       | Vertical |
| 4              | 5850.09     | 65.22          | 17.26       | 122.08         | 56.86       | 274         | 93        | Vertical |
| 5              | 5934.01     | 51.35          | 17.63       | 68.30          | 16.95       | 264         | 227       | Vertical |

##### Final Data List

##### 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.



## 4.11 Frequencies Stability

### 4.11.1 Frequency Error vs. Voltage:

| Test Conditions            | Measured Frequency ( MHz ) |             |
|----------------------------|----------------------------|-------------|
|                            | 5180                       | 5825        |
| V nom(V)                   | 5180.005286                | 5825.004291 |
| V max(V)                   | 5180.007935                | 5825.007229 |
| V min(V)                   | 5180.017541                | 5825.014933 |
| Max. Deviation Frequency   | 0.017541                   | 0.014933    |
| Max. Frequency Error (ppm) | 3.386349                   | 2.563672    |

### 4.11.2 Frequency Error vs. Temperature:

| Test Conditions(°C)        | Measured Frequency ( MHz ) |             |
|----------------------------|----------------------------|-------------|
|                            | 5180                       | 5825        |
| -5                         | 5180.003503                | 5825.006070 |
| 5                          | 5180.012403                | 5825.009007 |
| 15                         | 5180.016246                | 5825.013683 |
| 25                         | 5180.021083                | 5825.017991 |
| 35                         | 5180.028872                | 5825.026206 |
| 45                         | 5180.034291                | 5825.034004 |
| 50                         | 5180.043380                | 5825.043494 |
| Max. Deviation Frequency   | 0.043380                   | 0.043494    |
| Max. Frequency Error (ppm) | 8.374421                   | 7.466771    |



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



#### 4.12.2 DFS Detection Thresholds

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

| Maximum Transmit Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Value<br>(See Notes 1, 2, and 3) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| EIRP $\geq$ 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                          |
| <p><b>Note 1:</b> This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p><b>Note 2:</b> 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.</p> <p><b>Note3:</b> EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p> |                                  |

#### 4.12.3 Response Requirements

**Table 4: DFS Response Requirement Values**

| Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Value                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <i>Non-occupancy period</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Minimum 30 minutes                                                                                        |
| <i>Channel Availability Check Time</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 60 seconds                                                                                                |
| <i>Channel Move Time</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 seconds<br>See Note 1.                                                                                 |
| <i>Channel Closing Transmission Time</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. |
| <i>U-NII Detection Bandwidth</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.                                   |
| <p><b>Note 1:</b> <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p><b>Note 2:</b> The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> 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.</p> <p><b>Note 3:</b> During the <i>U-NII Detection Bandwidth</i> 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.</p> |                                                                                                           |





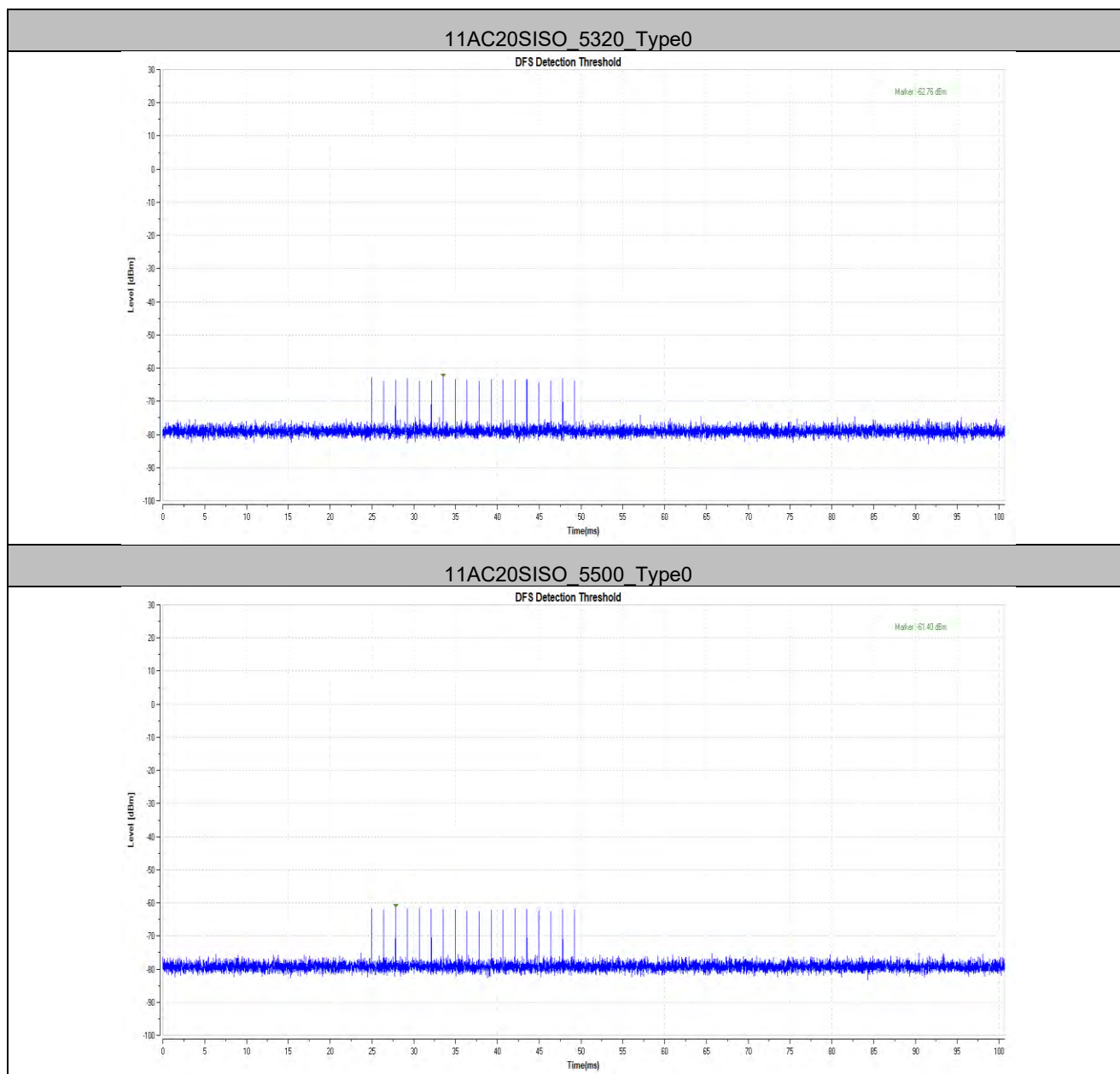
## 4.13 DFS Detection Thresholds

### 4.13.1 Test Result

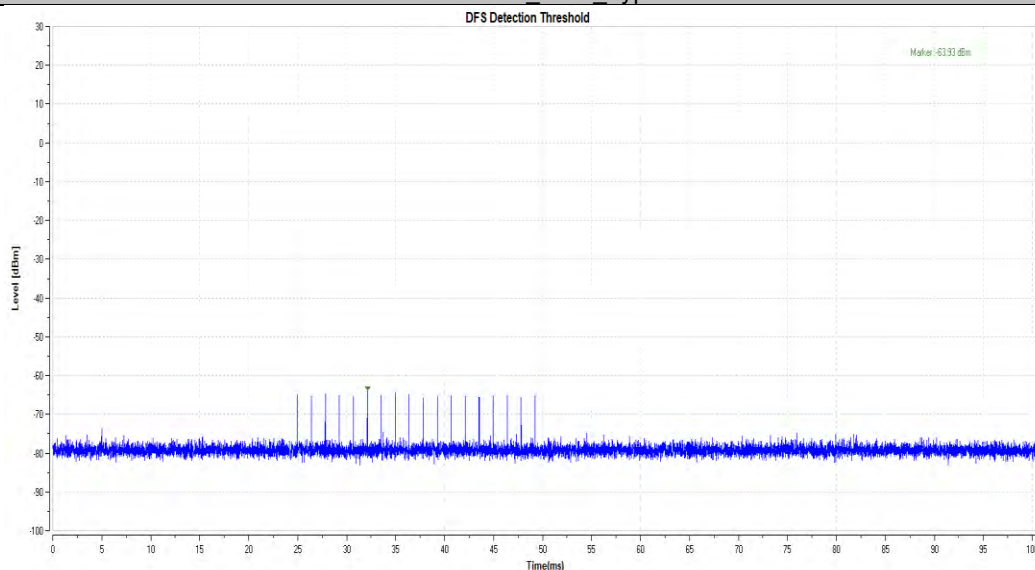
| TestMode   | Channel | Radar Type | Result | Limit[dbm] | Verdict |
|------------|---------|------------|--------|------------|---------|
| 11AC20SISO | 5320    | Type0      | -62.76 | -61.00     | PASS    |
|            | 5500    | Type0      | -61.40 | -61.00     | PASS    |
| 11AC80SISO | 5290    | Type0      | -63.93 | -61.00     | PASS    |
|            | 5530    | Type0      | -61.11 | -61.00     | PASS    |



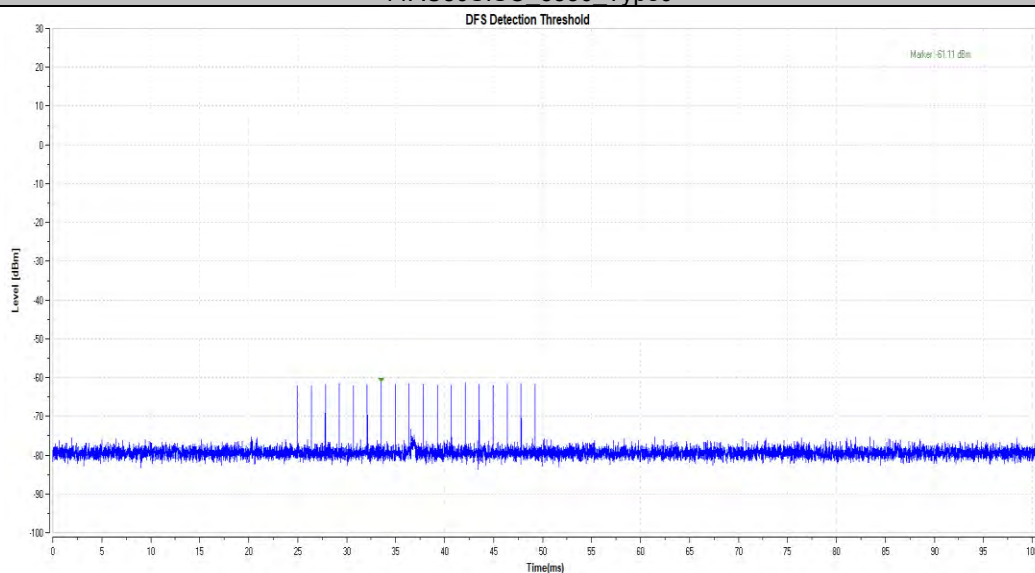
## 4.13.2 Test Graphs



**11AC80SISO\_5290\_Type0**



**11AC80SISO\_5530\_Type0**





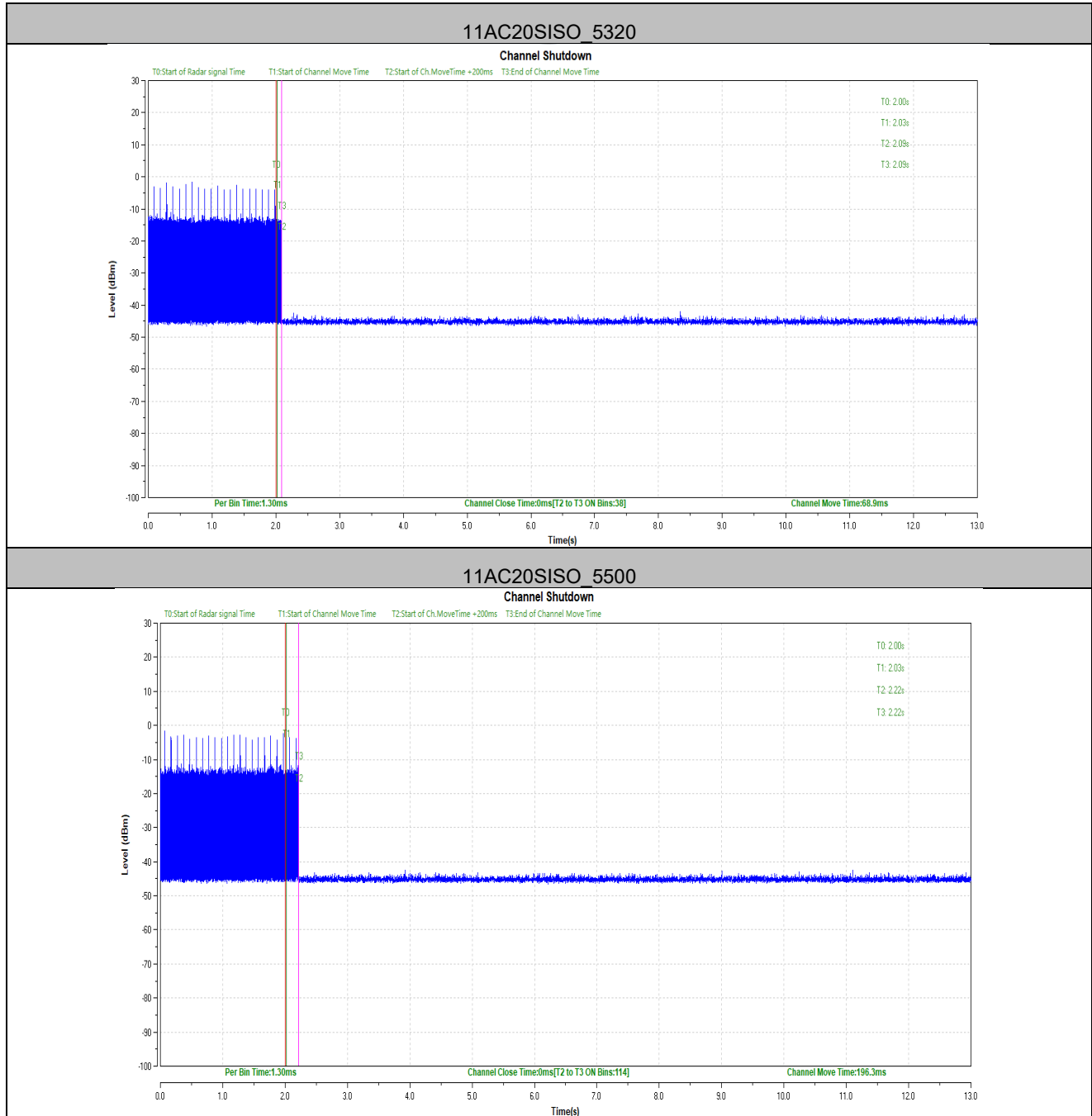
## 4.14 Channel Move Time and Channel Closing Transmission Time

### 4.14.1 Test Result

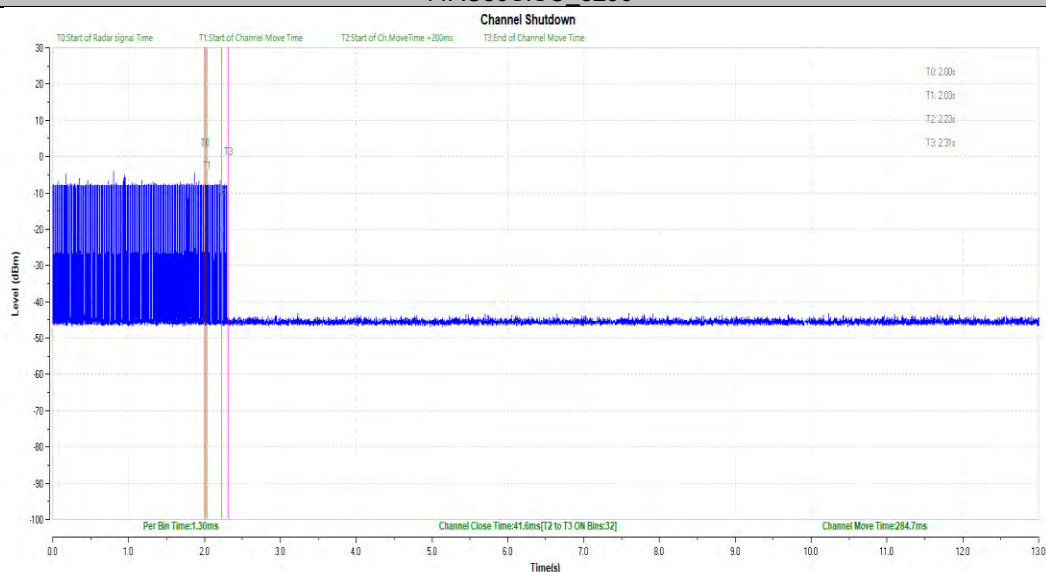
| TestMode   | Channel | CCT[ms] | Limit[ms] | CMT[ms] | Limit[ms] | Verdict |
|------------|---------|---------|-----------|---------|-----------|---------|
| 11AC20SISO | 5320    | 0       | 60        | 68.9    | 10000     | PASS    |
|            | 5500    | 0       | 60        | 196.3   | 10000     | PASS    |
| 11AC80SISO | 5290    | 41.6    | 60        | 284.7   | 10000     | PASS    |
|            | 5530    | 0       | 60        | 392.6   | 10000     | PASS    |



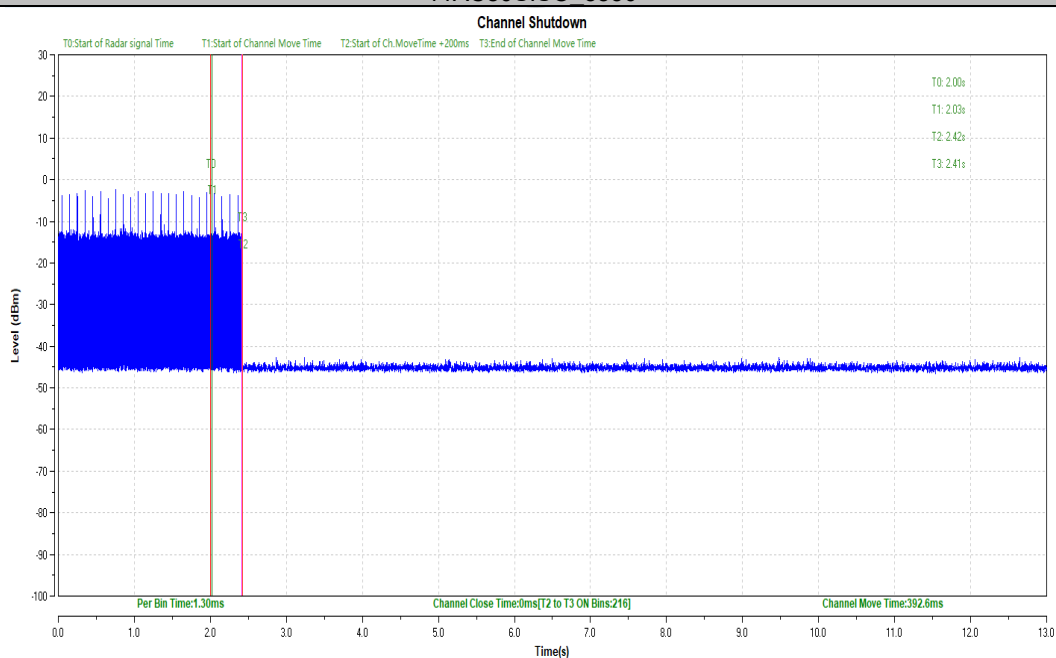
## 4.14.2 Test Graphs



## 11AC80SISO\_5290



## 11AC80SISO\_5530





## 4.15 Non-Occupancy Period

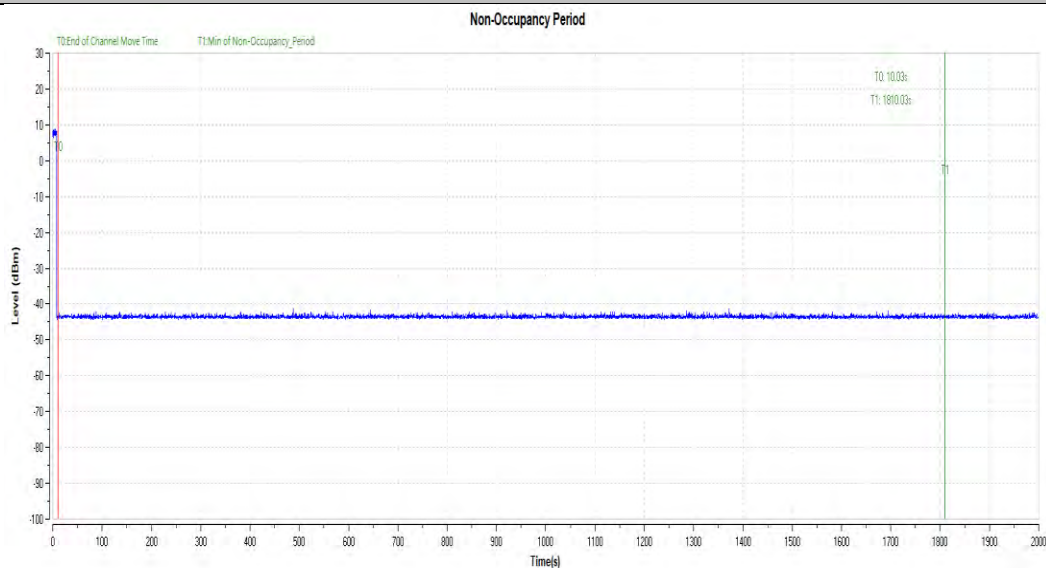
### 4.15.1 Test Result

| TestMode   | Channel | Result         | Limit[s]    | Verdict |
|------------|---------|----------------|-------------|---------|
| 11AC20SISO | 5320    | see test graph | $\geq 1800$ | PASS    |
|            | 5500    | see test graph | $\geq 1800$ | PASS    |
| 11AC80SISO | 5290    | see test graph | $\geq 1800$ | PASS    |
|            | 5530    | see test graph | $\geq 1800$ | PASS    |

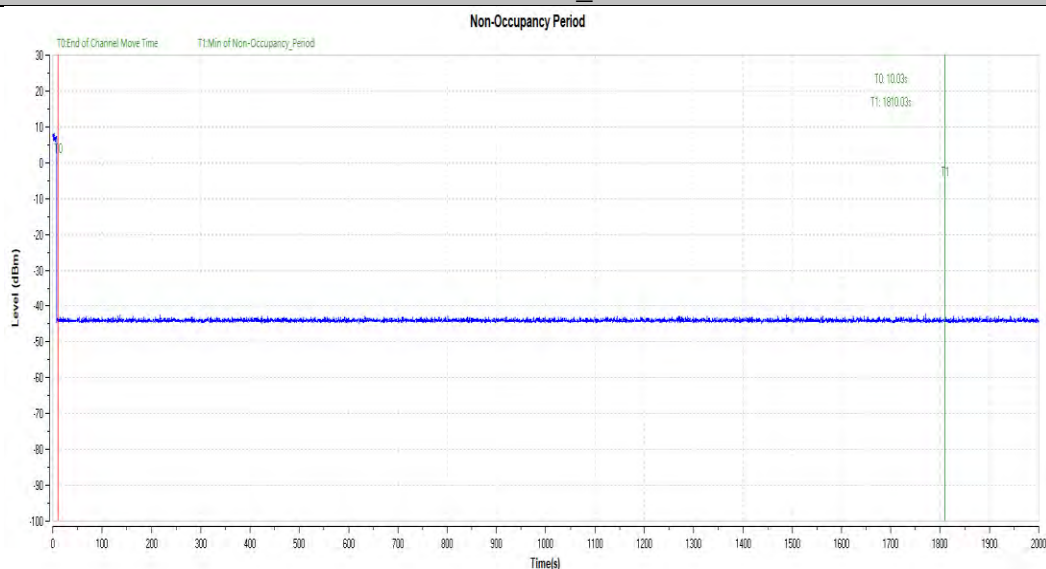


## 4.15.2 Test Graphs

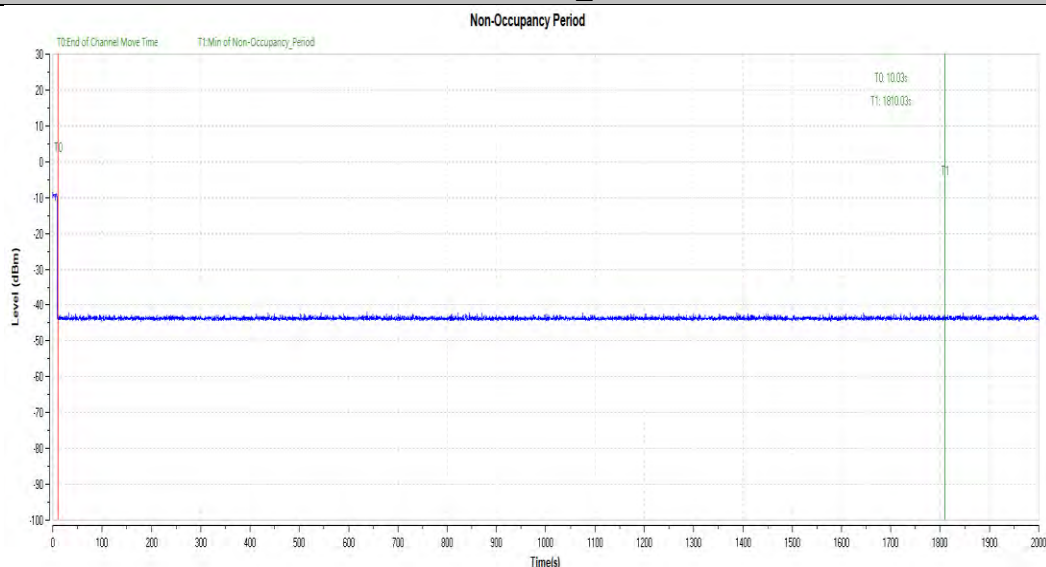
11AC20SISO\_5320



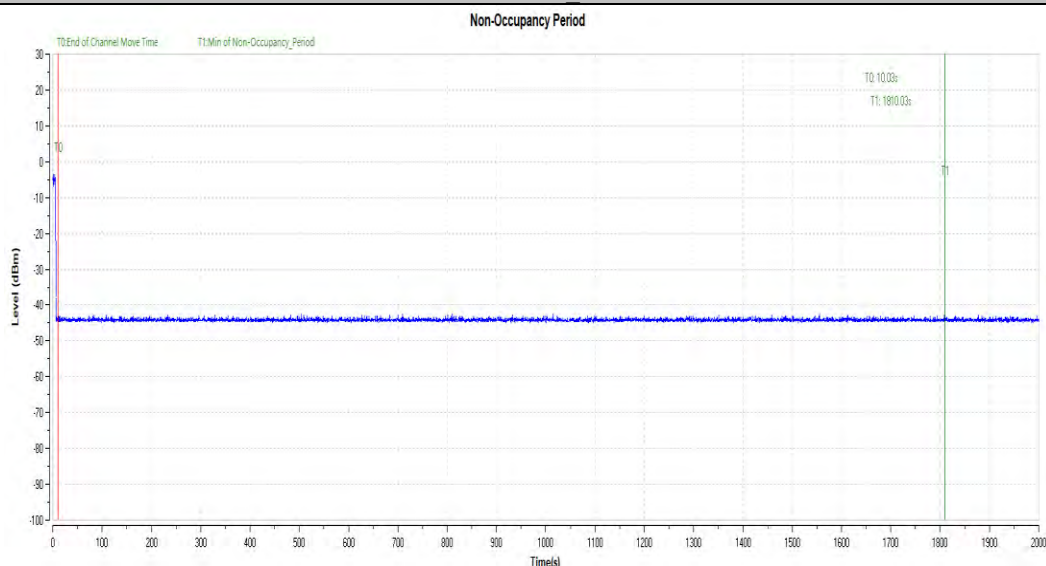
11AC20SISO\_5500



### 11AC80SISO\_5290



### 11AC80SISO\_5530



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

Lab A:

| No. | Item                          | Measurement Uncertainty |
|-----|-------------------------------|-------------------------|
| 1   | Total RF power, conducted     | $\pm 0.75\text{dB}$     |
| 2   | RF power density, conducted   | $\pm 2.84\text{dB}$     |
| 3   | Spurious emissions, conducted | $\pm 0.75\text{dB}$     |
| 4   | Temperature test              | $\pm 1^\circ\text{C}$   |
| 5   | Humidity test                 | $\pm 3\%$               |
| 6   | DC and low frequency voltages | $\pm 0.5\%$             |

Lab B:

| No. | Item                            | Measurement Uncertainty              |
|-----|---------------------------------|--------------------------------------|
| 1   | Conduct emission test           | $\pm 3.0\text{dB}$ (150kHz to 30MHz) |
| 2   | Radiated Spurious emission test | $\pm 4.8\text{dB}$ (Below 1GHz)      |
|     |                                 | $\pm 4.8\text{dB}$ (1GHz to 6GHz)    |
|     |                                 | $\pm 4.5\text{dB}$ (6GHz to 18GHz)   |
|     |                                 | $\pm 5.02\text{dB}$ (Above 18GHz)    |





## 6 Equipment List

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

| CE Test System                 |               |             |               |            |              |
|--------------------------------|---------------|-------------|---------------|------------|--------------|
| Equipment                      | Manufacturer  | Model No.   | Inventory No. | Cal Date   | Cal Due Date |
| Shielding Room                 | Brilliant-emc | N/A         | XAW03-35-01   | 2019-09-11 | 2022-09-10   |
| Test receiver                  | ROHDE&SCHWARZ | ESR         | XAW01-08-01   | 2020-09-11 | 2021-09-10   |
| Artificial network             | ROHDE&SCHWARZ | ENV216      | XAW01-04-01   | 2020-08-04 | 2021-08-03   |
| Temperature and humidity meter | MingGao       | TH101B      | XAW01-01-01   | 2019-12-06 | 2020-12-05   |
| Measurement Software           | Tonscend      | TS+ CE V2.5 | XAW02-05-02   | NCR        | NCR          |





| RSE Test System                     |                |                  |               |            |              |
|-------------------------------------|----------------|------------------|---------------|------------|--------------|
| Equipment                           | Manufacturer   | Model No.        | Inventory No. | Cal Date   | Cal Due Date |
| Semi-Anechoic Chamber               | Brilliant-emc  | N/A              | XAW03-35-01   | 2019-09-11 | 2022-09-10   |
| MXA signal analyzer                 | Keysight       | N9020A           | XAW01-06-01   | 2020-04-02 | 2021-04-01   |
| Test receiver                       | ROHDE&SCHWARZ  | ESR              | XAW01-08-01   | 2020-09-11 | 2021-09-10   |
| Receiving antenna (30MHz-3GHz)      | Schwarzbeck    | VULB 9163        | XAW01-09-01   | 2019-10-13 | 2021-10-12   |
| Receiving antenna (1GHz~18GHz)      | Schwarzbeck    | BBHA 9120D       | XAW01-09-02   | 2019-10-13 | 2021-10-12   |
| Receiving antenna (15GHz~40GHz)     | Schwarzbeck    | BBHA 9170        | XAW01-09-03   | 2019-10-13 | 2021-10-12   |
| Directional antenna rack controller | Max-Full       | MF-7802BS        | XAW03-03-01   | NCR        | NCR          |
| High-speed antenna rack controller  | Max-Full       | MF-7802          | XAW03-04-01   | NCR        | NCR          |
| Filter bank                         | Tonscend       | JS0806-F         | XAW03-05-01   | NCR        | NCR          |
| Filter bank                         | Tonscend       | JS0806s          | XAW03-05-02   | NCR        | NCR          |
| Amplifier                           | Tonscend       | TAP00903040      | XAW01-41-01   | 2019-11-18 | 2020-11-17   |
| Amplifier                           | Tonscend       | TAP01018048      | XAW01-41-02   | 2019-11-18 | 2020-11-17   |
| Amplifier                           | Tonscend       | TAP18040048      | XAW01-41-03   | 2019-12-03 | 2020-12-02   |
| Amplifier                           | Shanghai Steed | YX28980930       | XAW01-41-06   | 2019-11-18 | 2020-11-17   |
| Temperature and humidity meter      | MingGao        | TH101B           | XAW01-01-01   | 2019-12-06 | 2020-12-05   |
| Measurement Software                | Tonscend       | TS+ RSE V3.0.0.2 | XAW02-05-01   | NCR        | NCR          |





## 7 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for AR/2020/80005.

The End

