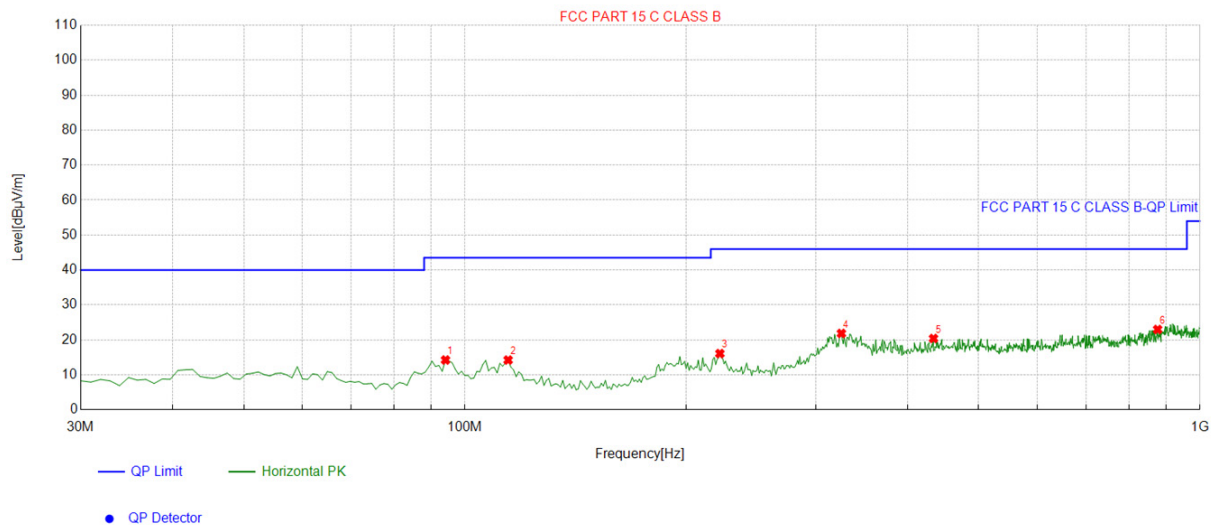


## 4.7.2. Test Data

All the test modes completed for test. Only the worst result of (802.11a at 5180MHz) was reported

### Below 1GHz

Test Model No.: S25 Ultra  
Horizontal

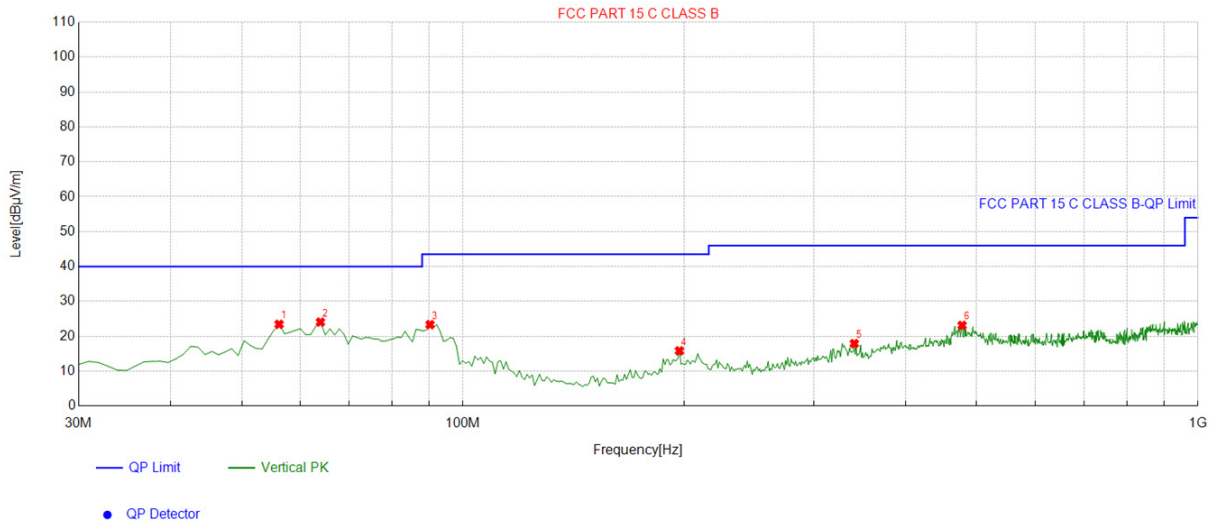


#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 94.084084      | -15.78         | 30.03               | 14.25             | 43.50             | 29.25          | 100            | 357          | Horizontal |
| 2   | 114.47447      | -15.28         | 29.52               | 14.24             | 43.50             | 29.26          | 100            | 226          | Horizontal |
| 3   | 222.25225      | -14.27         | 30.36               | 16.09             | 46.00             | 29.91          | 100            | 79           | Horizontal |
| 4   | 325.17517      | -11.00         | 32.85               | 21.85             | 46.00             | 24.15          | 100            | 111          | Horizontal |
| 5   | 433.92392      | -8.98          | 29.39               | 20.41             | 46.00             | 25.59          | 100            | 220          | Horizontal |
| 6   | 875.71571      | -1.76          | 24.75               | 22.99             | 46.00             | 23.01          | 100            | 21           | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical



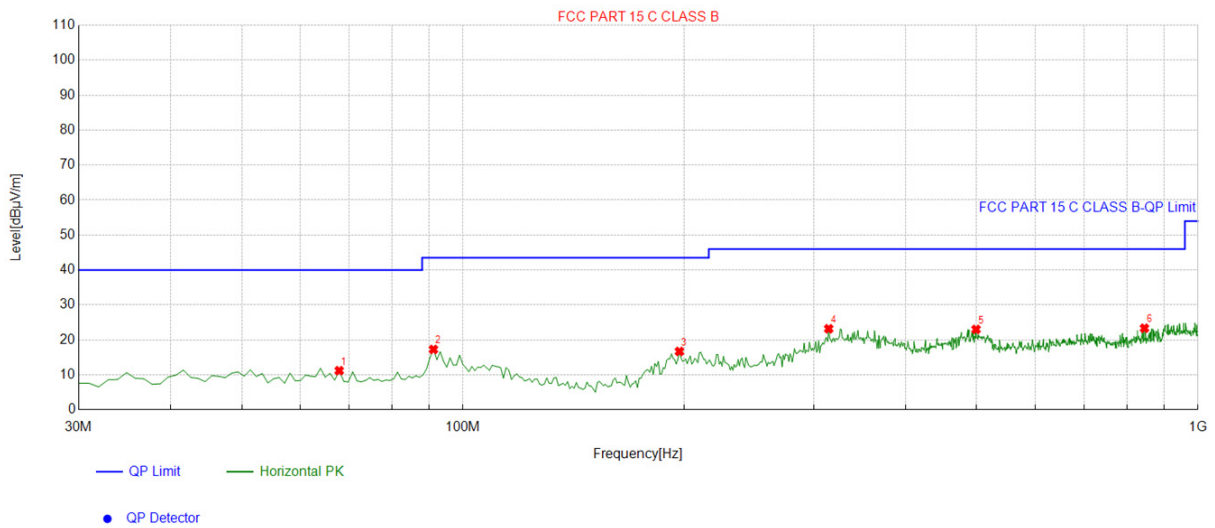
Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 56.216216      | -13.94         | 37.37               | 23.43             | 40.00             | 16.57          | 100            | 33           | Vertical |
| 2   | 63.983984      | -14.38         | 38.44               | 24.06             | 40.00             | 15.94          | 100            | 19           | Vertical |
| 3   | 90.2002        | -16.68         | 40.01               | 23.33             | 43.50             | 20.17          | 100            | 220          | Vertical |
| 4   | 197.00700      | -14.97         | 30.79               | 15.82             | 43.50             | 27.68          | 100            | 360          | Vertical |
| 5   | 340.71071      | -10.30         | 28.21               | 17.91             | 46.00             | 28.09          | 100            | 174          | Vertical |
| 6   | 477.61761      | -8.24          | 31.36               | 23.12             | 46.00             | 22.88          | 100            | 185          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: R12 pro

Horizontal

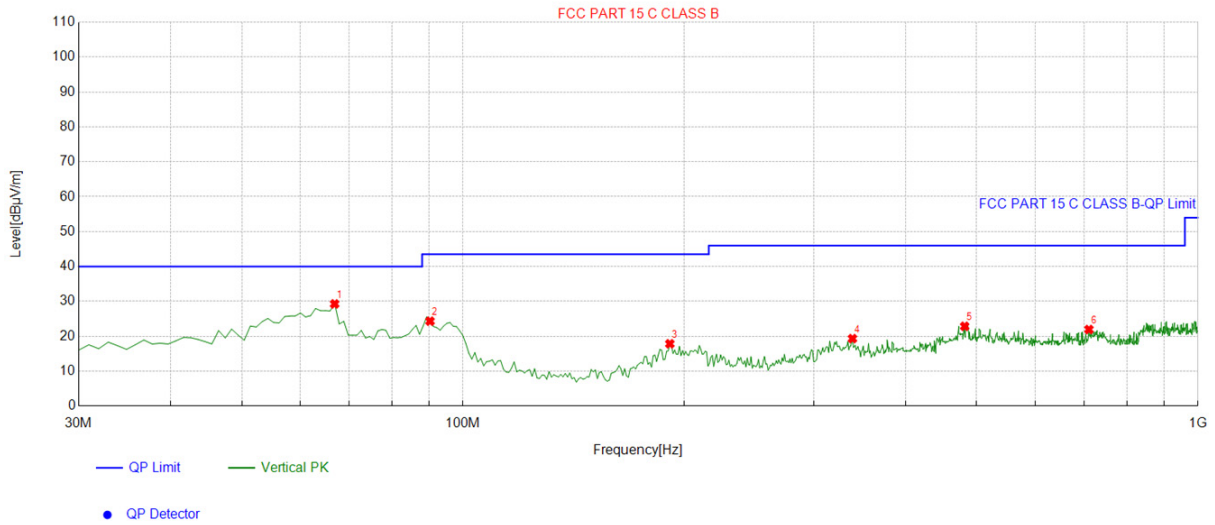


#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 67.867868      | -16.02         | 27.23               | 11.21             | 40.00             | 28.79          | 100            | 198          | Horizontal |
| 2   | 91.171171      | -16.91         | 34.19               | 17.28             | 43.50             | 26.22          | 100            | 16           | Horizontal |
| 3   | 197.00700      | -14.97         | 31.67               | 16.70             | 43.50             | 26.80          | 100            | 93           | Horizontal |
| 4   | 314.49449      | -11.46         | 34.65               | 23.19             | 46.00             | 22.81          | 100            | 280          | Horizontal |
| 5   | 498.97897      | -8.10          | 31.11               | 23.01             | 46.00             | 22.99          | 100            | 110          | Horizontal |
| 6   | 845.61561      | -1.48          | 24.82               | 23.34             | 46.00             | 22.66          | 100            | 310          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Pre-amplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical



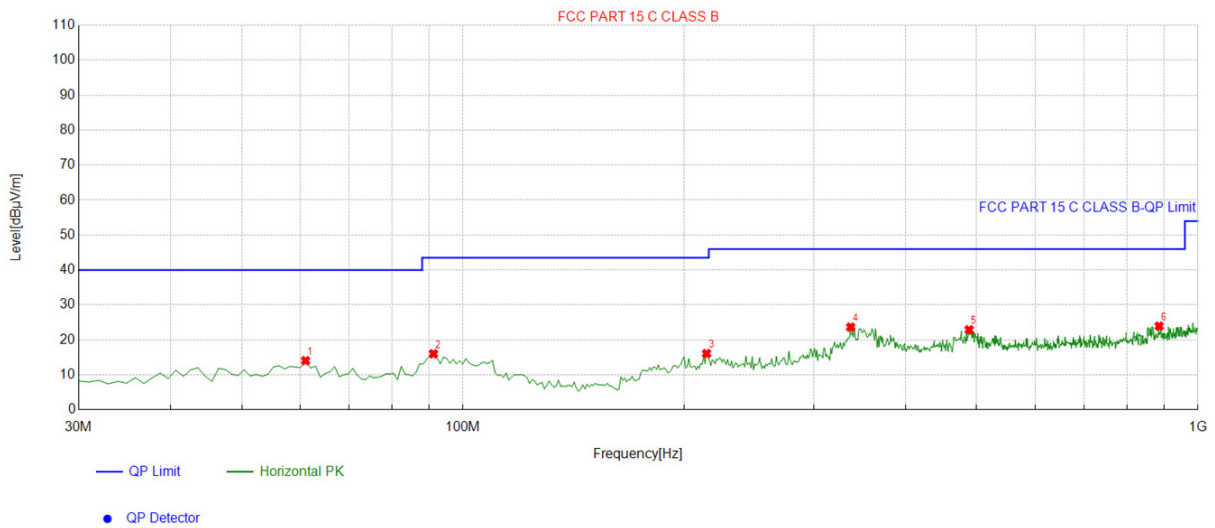
Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 66.896897      | -16.17         | 45.44               | 29.27             | 40.00             | 10.73          | 100            | 222          | Vertical |
| 2   | 90.2002        | -16.68         | 41.01               | 24.33             | 43.50             | 19.17          | 100            | 201          | Vertical |
| 3   | 191.18118      | -15.86         | 33.71               | 17.85             | 43.50             | 25.65          | 100            | 92           | Vertical |
| 4   | 338.76876      | -10.40         | 29.74               | 19.34             | 46.00             | 26.66          | 100            | 215          | Vertical |
| 5   | 481.50150      | -8.18          | 31.04               | 22.86             | 46.00             | 23.14          | 100            | 142          | Vertical |
| 6   | 710.65065      | -4.01          | 25.96               | 21.95             | 46.00             | 24.05          | 100            | 246          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: P5 pro

Horizontal

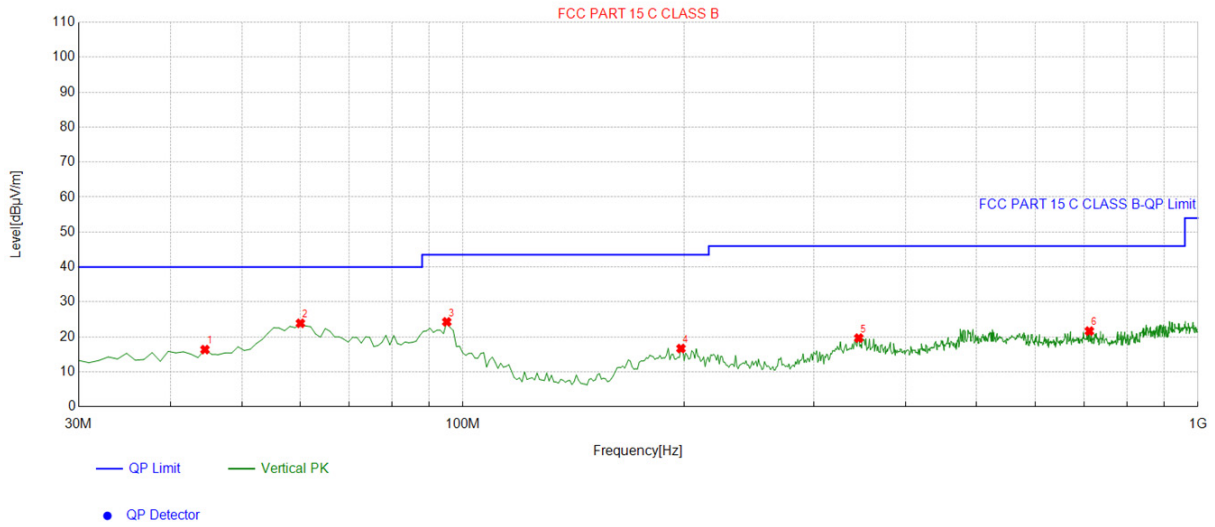


#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 61.071071      | -13.82         | 27.88               | 14.06             | 40.00             | 25.94          | 100            | 0            | Horizontal |
| 2   | 91.171171      | -16.91         | 32.94               | 16.03             | 43.50             | 27.47          | 100            | 358          | Horizontal |
| 3   | 214.48448      | -14.76         | 30.86               | 16.10             | 43.50             | 27.40          | 100            | 72           | Horizontal |
| 4   | 336.82682      | -10.51         | 34.17               | 23.66             | 46.00             | 22.34          | 100            | 92           | Horizontal |
| 5   | 488.29829      | -7.91          | 30.81               | 22.90             | 46.00             | 23.10          | 100            | 121          | Horizontal |
| 6   | 885.42542      | -1.64          | 25.57               | 23.93             | 46.00             | 22.07          | 100            | 150          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical



Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 44.564565      | -13.72         | 30.09               | 16.37             | 40.00             | 23.63          | 100            | 298          | Vertical |
| 2   | 60.1001        | -13.96         | 37.85               | 23.89             | 40.00             | 16.11          | 100            | 124          | Vertical |
| 3   | 95.055055      | -15.40         | 39.70               | 24.30             | 43.50             | 19.20          | 100            | 201          | Vertical |
| 4   | 197.97797      | -14.86         | 31.54               | 16.68             | 43.50             | 26.82          | 100            | 8            | Vertical |
| 5   | 345.56556      | -10.12         | 29.78               | 19.66             | 46.00             | 26.34          | 100            | 241          | Vertical |
| 6   | 711.62162      | -4.05          | 25.71               | 21.66             | 46.00             | 24.34          | 100            | 341          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: E50 Ultra

Horizontal

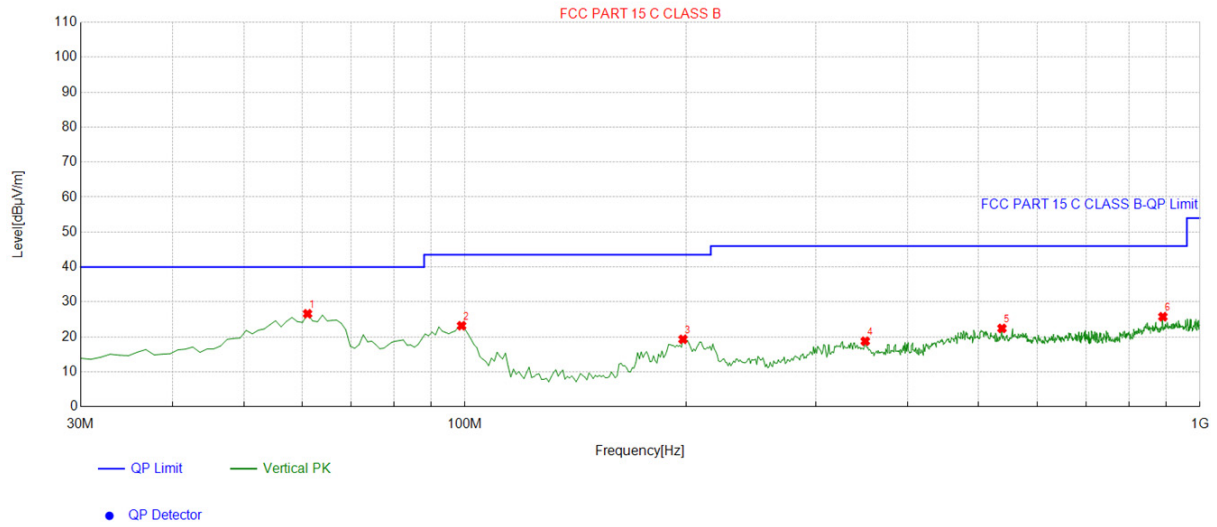


#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 46.506507      | -13.89         | 26.04               | 12.15             | 40.00             | 27.85          | 100            | 47           | Horizontal |
| 2   | 99.909991      | -14.70         | 29.99               | 15.29             | 43.50             | 28.21          | 100            | 349          | Horizontal |
| 3   | 214.48448      | -14.76         | 31.32               | 16.56             | 43.50             | 26.94          | 100            | 102          | Horizontal |
| 4   | 326.14614      | -10.98         | 34.23               | 23.25             | 46.00             | 22.75          | 100            | 267          | Horizontal |
| 5   | 513.54354      | -8.01          | 30.34               | 22.33             | 46.00             | 23.67          | 100            | 105          | Horizontal |
| 6   | 842.70270      | -1.79          | 26.46               | 24.67             | 46.00             | 21.33          | 100            | 47           | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical

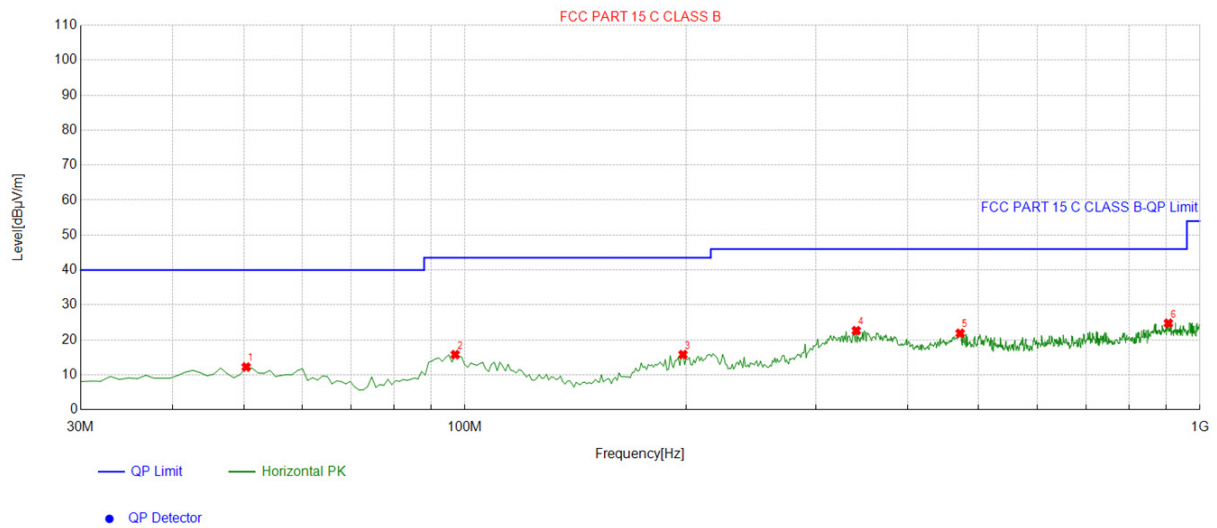


| Suspected List |                |                |                     |                   |                   |                |                |              |          |
|----------------|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| NO.            | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1              | 61.071071      | -13.82         | 40.44               | 26.62             | 40.00             | 13.38          | 100            | 67           | Vertical |
| 2              | 98.938939      | -14.83         | 38.03               | 23.20             | 43.50             | 20.30          | 100            | 193          | Vertical |
| 3              | 197.97797      | -14.86         | 34.17               | 19.31             | 43.50             | 24.19          | 100            | 353          | Vertical |
| 4              | 350.42042      | -10.05         | 28.82               | 18.77             | 46.00             | 27.23          | 100            | 244          | Vertical |
| 5              | 537.81781      | -7.14          | 29.58               | 22.44             | 46.00             | 23.56          | 100            | 144          | Vertical |
| 6              | 890.28028      | -1.59          | 27.37               | 25.78             | 46.00             | 20.22          | 100            | 156          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: I16 pro max

Horizontal

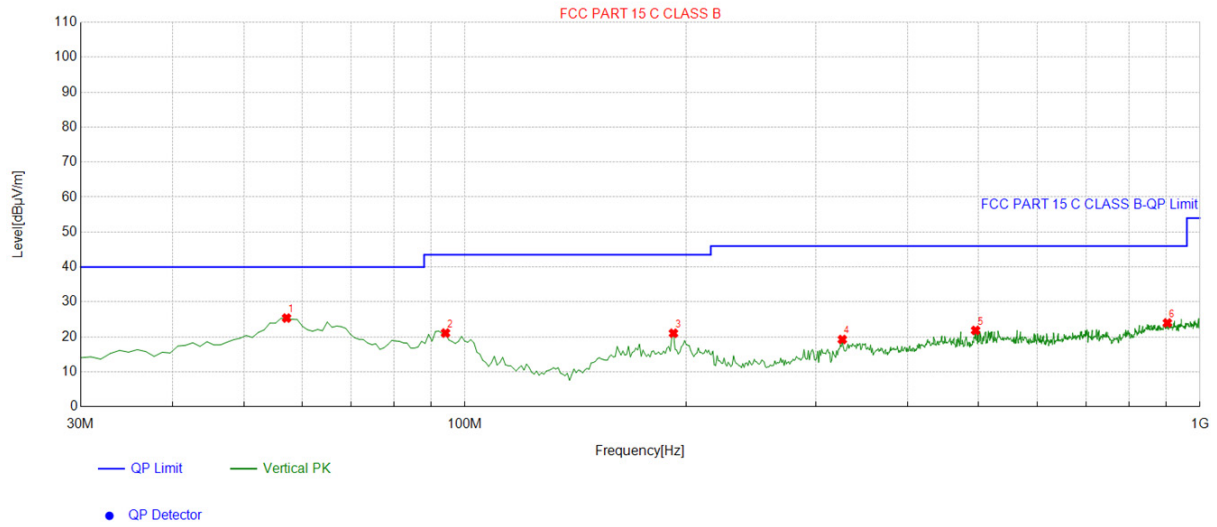


#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 50.39039       | -13.15         | 25.40               | 12.25             | 40.00             | 27.75          | 100            | 110          | Horizontal |
| 2   | 96.996997      | -14.95         | 30.73               | 15.78             | 43.50             | 27.72          | 100            | 344          | Horizontal |
| 3   | 197.97797      | -14.86         | 30.66               | 15.80             | 43.50             | 27.70          | 100            | 82           | Horizontal |
| 4   | 340.71071      | -10.30         | 32.95               | 22.65             | 46.00             | 23.35          | 100            | 246          | Horizontal |
| 5   | 471.79179      | -8.42          | 30.31               | 21.89             | 46.00             | 24.11          | 100            | 130          | Horizontal |
| 6   | 905.81581      | -1.28          | 26.05               | 24.77             | 46.00             | 21.23          | 100            | 5            | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Pre-amplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical

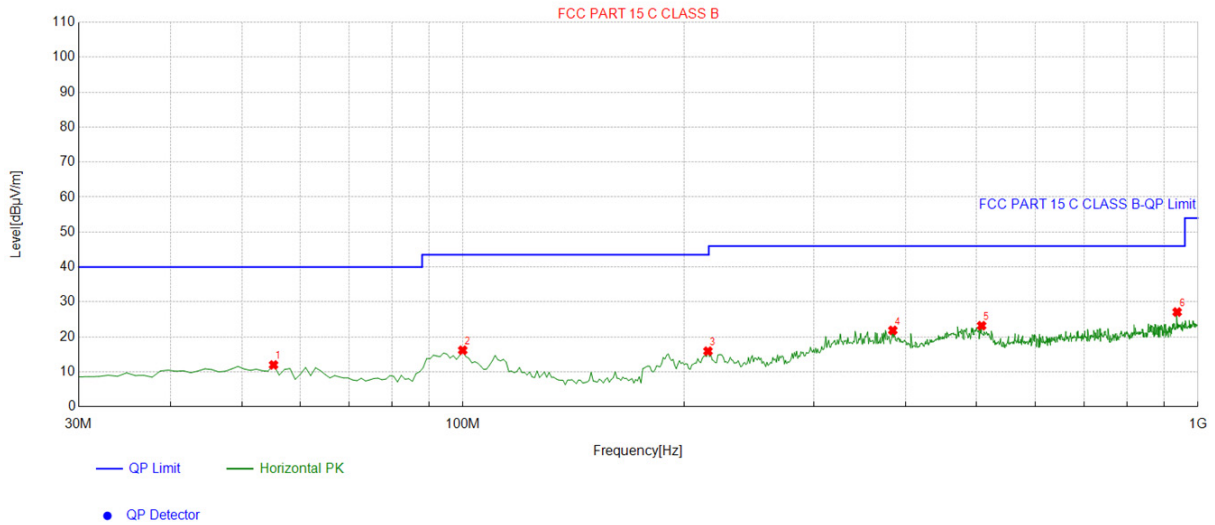


| Suspected List |                |                |                     |                   |                   |                |                |              |          |
|----------------|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| NO.            | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1              | 57.187187      | -13.76         | 39.15               | 25.39             | 40.00             | 14.61          | 100            | 87           | Vertical |
| 2              | 94.084084      | -15.78         | 36.88               | 21.10             | 43.50             | 22.40          | 100            | 192          | Vertical |
| 3              | 192.15215      | -15.74         | 36.78               | 21.04             | 43.50             | 22.46          | 100            | 61           | Vertical |
| 4              | 326.14614      | -10.98         | 30.24               | 19.26             | 46.00             | 26.74          | 100            | 204          | Vertical |
| 5              | 495.09509      | -7.84          | 29.70               | 21.86             | 46.00             | 24.14          | 100            | 332          | Vertical |
| 6              | 902.90290      | -1.16          | 25.16               | 24.00             | 46.00             | 22.00          | 100            | 263          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: P6 pro

Horizontal



Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 55.245245      | -14.00         | 25.99               | 11.99             | 40.00             | 28.01          | 100            | 304          | Horizontal |
| 2   | 99.90991       | -14.70         | 30.89               | 16.19             | 43.50             | 27.31          | 100            | 344          | Horizontal |
| 3   | 215.45545      | -14.72         | 30.64               | 15.92             | 43.50             | 27.58          | 100            | 98           | Horizontal |
| 4   | 384.40440      | -9.06          | 30.93               | 21.87             | 46.00             | 24.13          | 100            | 106          | Horizontal |
| 5   | 507.71771      | -8.29          | 31.50               | 23.21             | 46.00             | 22.79          | 100            | 104          | Horizontal |
| 6   | 936.88688      | -1.35          | 28.46               | 27.11             | 46.00             | 18.89          | 100            | 198          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical

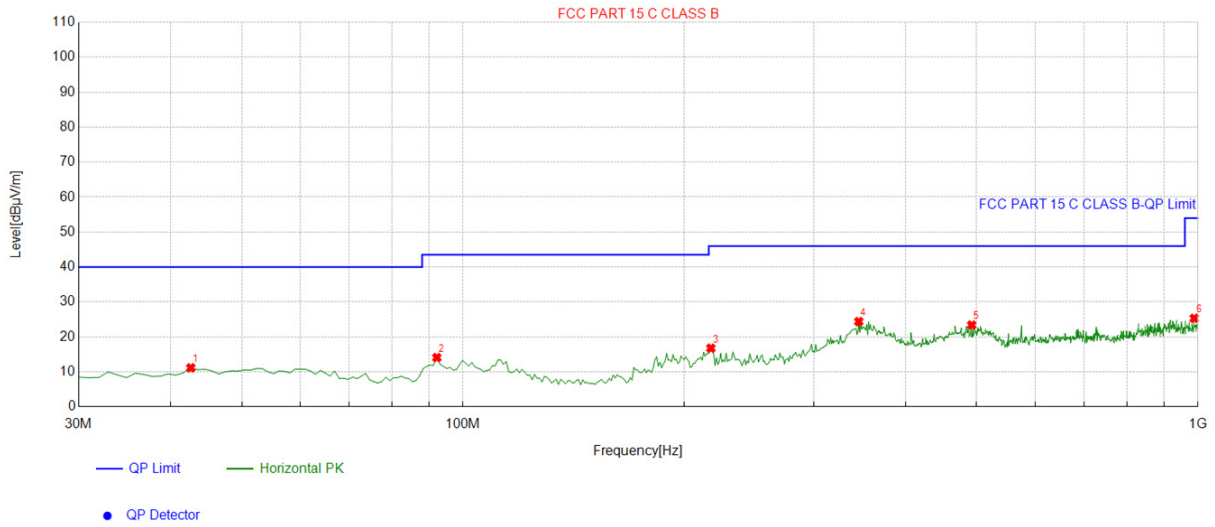


| Suspected List |                |                |                     |                   |                   |                |                |              |          |
|----------------|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| NO.            | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1              | 64.954955      | -15.33         | 41.25               | 25.92             | 40.00             | 14.08          | 100            | 298          | Vertical |
| 2              | 94.084084      | -15.78         | 41.37               | 25.59             | 43.50             | 17.91          | 100            | 189          | Vertical |
| 3              | 198.94894      | -14.75         | 31.36               | 16.61             | 43.50             | 26.89          | 100            | 360          | Vertical |
| 4              | 351.39139      | -10.10         | 29.44               | 19.34             | 46.00             | 26.66          | 100            | 201          | Vertical |
| 5              | 539.75976      | -7.13          | 31.22               | 24.09             | 46.00             | 21.91          | 100            | 263          | Vertical |
| 6              | 886.39639      | -1.64          | 26.36               | 24.72             | 46.00             | 21.28          | 100            | 330          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: Sp20 Pro

Horizontal

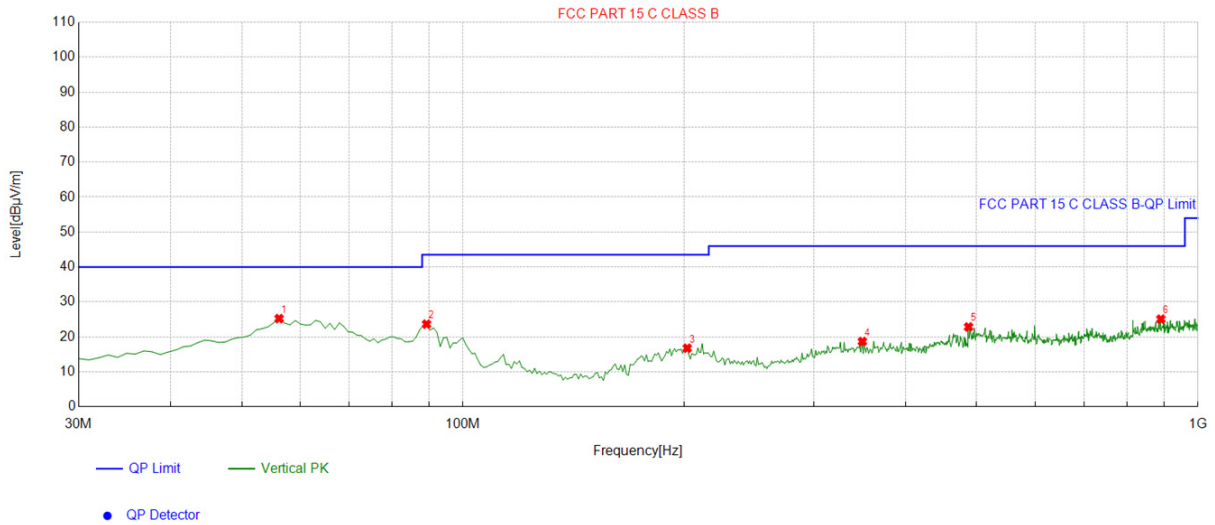


#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 42.622623      | -13.31         | 24.46               | 11.15             | 40.00             | 28.85          | 100            | 259          | Horizontal |
| 2   | 92.142142      | -16.47         | 30.55               | 14.08             | 43.50             | 29.42          | 100            | 354          | Horizontal |
| 3   | 217.39739      | -14.66         | 31.42               | 16.76             | 46.00             | 29.24          | 100            | 83           | Horizontal |
| 4   | 345.56556      | -10.12         | 34.50               | 24.38             | 46.00             | 21.62          | 100            | 91           | Horizontal |
| 5   | 492.18218      | -7.87          | 31.26               | 23.39             | 46.00             | 22.61          | 100            | 126          | Horizontal |
| 6   | 988.34834      | -0.45          | 25.77               | 25.32             | 54.00             | 28.68          | 100            | 291          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical

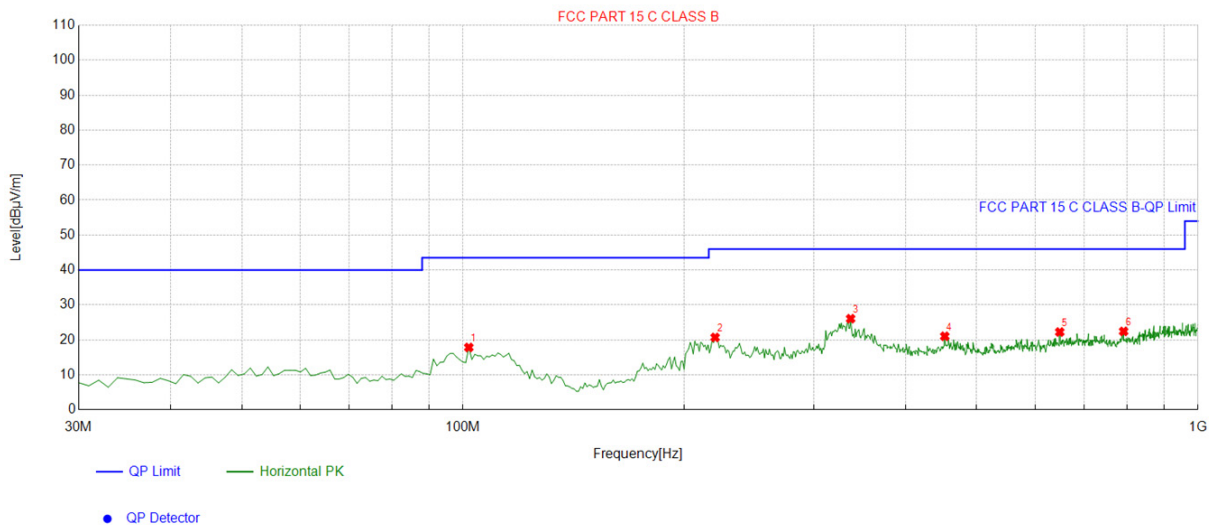


| Suspected List |                |                |                     |                   |                   |                |                |              |          |
|----------------|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| NO.            | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1              | 56.216216      | -13.94         | 39.17               | 25.23             | 40.00             | 14.77          | 100            | 120          | Vertical |
| 2              | 89.229229      | -16.75         | 40.40               | 23.65             | 43.50             | 19.85          | 100            | 250          | Vertical |
| 3              | 201.86186      | -15.19         | 31.96               | 16.77             | 43.50             | 26.73          | 100            | 57           | Vertical |
| 4              | 349.44944      | -10.04         | 28.73               | 18.69             | 46.00             | 27.31          | 100            | 244          | Vertical |
| 5              | 487.32732      | -7.91          | 30.77               | 22.86             | 46.00             | 23.14          | 100            | 301          | Vertical |
| 6              | 890.28028      | -1.59          | 26.66               | 25.07             | 46.00             | 20.93          | 100            | 281          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: Sp20 Pro

Horizontal



#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 101.85185      | -14.86         | 32.71               | 17.85             | 43.50             | 25.65          | 100            | 6            | Horizontal |
| 2   | 220.31031      | -14.54         | 35.25               | 20.71             | 46.00             | 25.29          | 100            | 75           | Horizontal |
| 3   | 336.82682      | -10.51         | 36.58               | 26.07             | 46.00             | 19.93          | 100            | 64           | Horizontal |
| 4   | 452.37237      | -8.81          | 29.85               | 21.04             | 46.00             | 24.96          | 100            | 319          | Horizontal |
| 5   | 648.50850      | -5.07          | 27.32               | 22.25             | 46.00             | 23.75          | 100            | 30           | Horizontal |
| 6   | 792.21221      | -3.25          | 25.70               | 22.45             | 46.00             | 23.55          | 100            | 278          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preampifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical



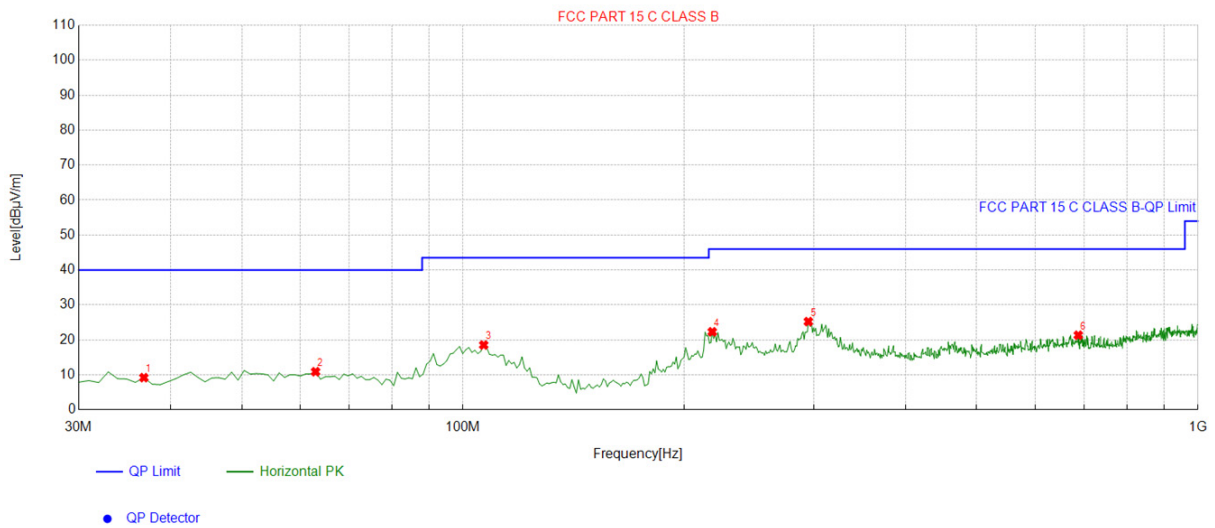
Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 64.954955      | -15.33         | 43.48               | 28.15             | 40.00             | 11.85          | 100            | 35           | Vertical |
| 2   | 96.026026      | -15.55         | 40.73               | 25.18             | 43.50             | 18.32          | 100            | 17           | Vertical |
| 3   | 217.39739      | -14.66         | 36.08               | 21.42             | 46.00             | 24.58          | 100            | 29           | Vertical |
| 4   | 338.76876      | -10.40         | 28.34               | 17.94             | 46.00             | 28.06          | 100            | 227          | Vertical |
| 5   | 491.21121      | -7.88          | 32.40               | 24.52             | 46.00             | 21.48          | 100            | 130          | Vertical |
| 6   | 717.44744      | -4.22          | 26.73               | 22.51             | 46.00             | 23.49          | 100            | 227          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: T3 Pro

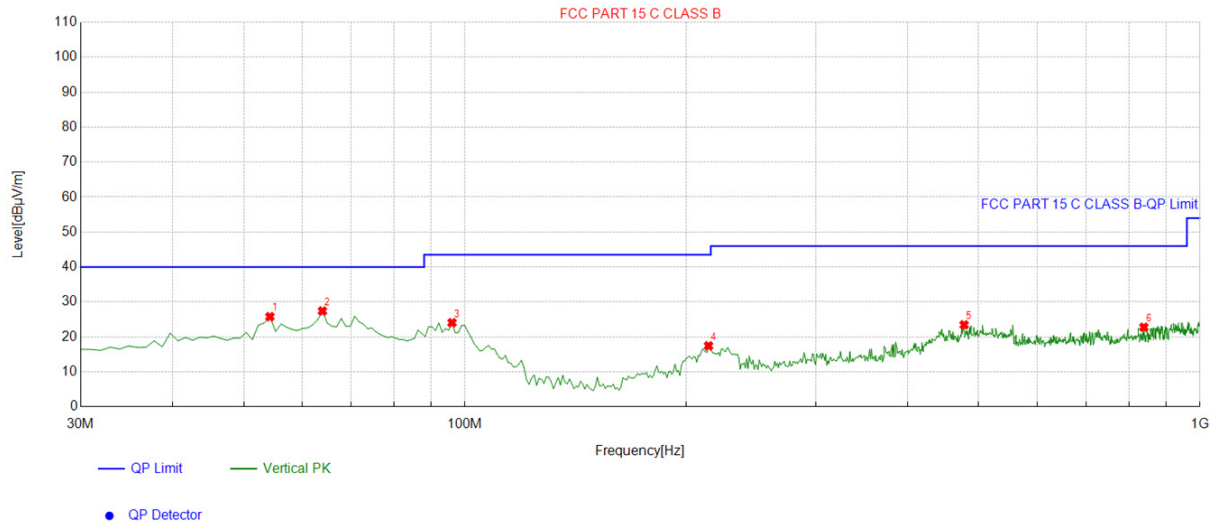
Horizontal



| Suspected List |                |                |                     |                   |                   |                |                |              |            |
|----------------|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| NO.            | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1              | 36.796797      | -14.57         | 23.78               | 9.21              | 40.00             | 30.79          | 100            | 332          | Horizontal |
| 2              | 63.013013      | -14.48         | 25.38               | 10.90             | 40.00             | 29.10          | 100            | 135          | Horizontal |
| 3              | 106.70670      | -14.49         | 33.03               | 18.54             | 43.50             | 24.96          | 100            | 0            | Horizontal |
| 4              | 218.36836      | -14.63         | 36.94               | 22.31             | 46.00             | 23.69          | 100            | 68           | Horizontal |
| 5              | 295.07507      | -11.92         | 37.16               | 25.24             | 46.00             | 20.76          | 100            | 78           | Horizontal |
| 6              | 687.34734      | -4.32          | 25.66               | 21.34             | 46.00             | 24.66          | 100            | 274          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Pre-amplifier; Level = Reading + Factor; Margin = Limit – Level;

Vertical



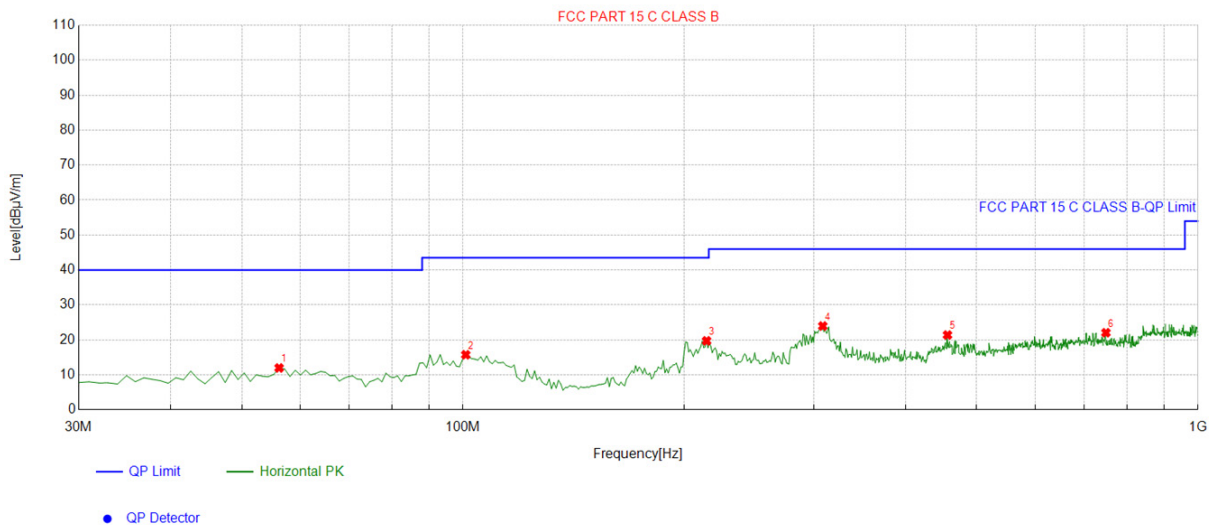
Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 54.274274      | -13.50         | 39.28               | 25.78             | 40.00             | 14.22          | 100            | 106          | Vertical |
| 2   | 63.983984      | -14.38         | 41.78               | 27.40             | 40.00             | 12.60          | 100            | 83           | Vertical |
| 3   | 96.026026      | -15.55         | 39.60               | 24.05             | 43.50             | 19.45          | 100            | 60           | Vertical |
| 4   | 214.48448      | -14.76         | 32.21               | 17.45             | 43.50             | 26.05          | 100            | 164          | Vertical |
| 5   | 477.61761      | -8.24          | 31.69               | 23.45             | 46.00             | 22.55          | 100            | 184          | Vertical |
| 6   | 838.81881      | -2.28          | 25.05               | 22.77             | 46.00             | 23.23          | 100            | 69           | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Series Model No.: P8 Pro

Horizontal



#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 56.216216      | -13.94         | 25.92               | 11.98             | 40.00             | 28.02          | 100            | 226          | Horizontal |
| 2   | 100.88088      | -14.60         | 30.35               | 15.75             | 43.50             | 27.75          | 100            | 358          | Horizontal |
| 3   | 214.48448      | -14.76         | 34.49               | 19.73             | 43.50             | 23.77          | 100            | 85           | Horizontal |
| 4   | 308.66866      | -11.86         | 35.83               | 23.97             | 46.00             | 22.03          | 100            | 253          | Horizontal |
| 5   | 456.25625      | -8.87          | 30.27               | 21.40             | 46.00             | 24.60          | 100            | 302          | Horizontal |
| 6   | 749.48948      | -3.73          | 25.78               | 22.05             | 46.00             | 23.95          | 100            | 337          | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

### Vertical



#### Suspected List

| NO. | Freq.<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/m] | Level<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|----------------|---------------------|-------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 56.216216      | -13.94         | 41.04               | 27.10             | 40.00             | 12.90          | 100            | 53           | Vertical |
| 2   | 91.171171      | -16.91         | 42.64               | 25.73             | 43.50             | 17.77          | 100            | 231          | Vertical |
| 3   | 212.54254      | -14.82         | 33.34               | 18.52             | 43.50             | 24.98          | 100            | 110          | Vertical |
| 4   | 292.16216      | -11.99         | 27.92               | 15.93             | 46.00             | 30.07          | 100            | 38           | Vertical |
| 5   | 470.82082      | -8.49          | 31.63               | 23.14             | 46.00             | 22.86          | 100            | 350          | Vertical |
| 6   | 726.18618      | -3.92          | 25.94               | 22.02             | 46.00             | 23.98          | 100            | 171          | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

### Harmonics and Spurious Emissions Frequency Range (9kHz-30MHz)

| Frequency (MHz) | Level@3m (dBμV/m) | Limit@3m (dBμV/m) |
|-----------------|-------------------|-------------------|
| --              | --                | --                |
| --              | --                | --                |
| --              | --                | --                |
| --              | --                | --                |

**Note:** 1. Emission Level=Reading+ Cable loss-Antenna factor-Amp factor.

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement.

### Above 1GHz

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.03         | -4.59  | 50.44          | 74       | -23.56 | peak          |
| 3647                                                                                                                      | 45.02         | -4.59  | 40.43          | 54       | -13.57 | AVG           |
| 10360                                                                                                                     | 52.32         | 3.74   | 56.06          | 74       | -17.94 | peak          |
| 10360                                                                                                                     | 41.63         | 3.74   | 45.37          | 54       | -8.63  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.04         | -4.59  | 51.45          | 74       | -22.55 | peak          |
| 3647                                                                                                                      | 44.85         | -4.59  | 40.26          | 54       | -13.74 | AVG           |
| 10360                                                                                                                     | 51.48         | 3.74   | 55.22          | 74       | -18.78 | peak          |
| 10360                                                                                                                     | 41.58         | 3.74   | 45.32          | 54       | -8.68  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.36         | -4.59  | 50.77          | 74       | -23.23 | peak          |
| 3647                                                                                                                      | 44.77         | -4.59  | 40.18          | 54       | -13.82 | AVG           |
| 10400                                                                                                                     | 51.28         | 3.74   | 55.02          | 74       | -18.98 | peak          |
| 10400                                                                                                                     | 40.23         | 3.74   | 43.97          | 54       | -10.03 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.74         | -4.59  | 51.15          | 74       | -22.85 | peak          |
| 3647                                                                                                                      | 43.64         | -4.59  | 39.05          | 54       | -14.95 | AVG           |
| 10400                                                                                                                     | 51.44         | 3.74   | 55.18          | 74       | -18.82 | peak          |
| 10400                                                                                                                     | 40.33         | 3.74   | 44.07          | 54       | -9.93  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.27         | -4.59  | 50.68          | 74       | -23.32 | peak          |
| 3647                                                                                                                      | 44.98         | -4.59  | 40.39          | 54       | -13.61 | AVG           |
| 10480                                                                                                                     | 51.26         | 3.75   | 55.01          | 74       | -18.99 | peak          |
| 10480                                                                                                                     | 40.69         | 3.75   | 44.44          | 54       | -9.56  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.26         | -4.59  | 51.67          | 74       | -22.33 | peak          |
| 3647                                                                                                                      | 45.11         | -4.59  | 40.52          | 54       | -13.48 | AVG           |
| 10480                                                                                                                     | 51.06         | 3.75   | 54.81          | 74       | -19.19 | peak          |
| 10480                                                                                                                     | 41.37         | 3.75   | 45.12          | 54       | -8.88  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: R12 pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.75         | -4.59  | 50.16          | 74       | -23.84 | peak          |
| 3647                                                                                                                      | 43.45         | -4.59  | 38.86          | 54       | -15.14 | AVG           |
| 10360                                                                                                                     | 51.45         | 3.74   | 55.19          | 74       | -18.81 | peak          |
| 10360                                                                                                                     | 41.18         | 3.74   | 44.92          | 54       | -9.08  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.33         | -4.59  | 51.74          | 74       | -22.26 | peak          |
| 3647                                                                                                                      | 44.44         | -4.59  | 39.85          | 54       | -14.15 | AVG           |
| 10360                                                                                                                     | 52.77         | 3.74   | 56.51          | 74       | -17.49 | peak          |
| 10360                                                                                                                     | 41.55         | 3.74   | 45.29          | 54       | -8.71  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.08         | -4.59  | 50.49          | 74       | -23.51 | peak          |
| 3647                                                                                                                      | 44.45         | -4.59  | 39.86          | 54       | -14.14 | AVG           |
| 10400                                                                                                                     | 51.23         | 3.74   | 54.97          | 74       | -19.03 | peak          |
| 10400                                                                                                                     | 40.88         | 3.74   | 44.62          | 54       | -9.38  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.12         | -4.59  | 51.53          | 74       | -22.47 | peak          |
| 3647                                                                                                                      | 44.32         | -4.59  | 39.73          | 54       | -14.27 | AVG           |
| 10400                                                                                                                     | 51.72         | 3.74   | 55.46          | 74       | -18.54 | peak          |
| 10400                                                                                                                     | 40.03         | 3.74   | 43.77          | 54       | -10.23 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.73         | -4.59  | 50.14          | 74       | -23.86 | peak          |
| 3647                                                                                                                      | 44.68         | -4.59  | 40.09          | 54       | -13.91 | AVG           |
| 10480                                                                                                                     | 51.17         | 3.75   | 54.92          | 74       | -19.08 | peak          |
| 10480                                                                                                                     | 40.42         | 3.75   | 44.17          | 54       | -9.83  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.95         | -4.59  | 51.36          | 74       | -22.64 | peak          |
| 3647                                                                                                                      | 44.66         | -4.59  | 40.07          | 54       | -13.93 | AVG           |
| 10480                                                                                                                     | 51.27         | 3.75   | 55.02          | 74       | -18.98 | peak          |
| 10480                                                                                                                     | 40.16         | 3.75   | 43.91          | 54       | -10.09 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: P5 pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.22         | -4.59  | 50.63          | 74       | -23.37 | peak          |
| 3647                                                                                                                      | 43.64         | -4.59  | 39.05          | 54       | -14.95 | AVG           |
| 10360                                                                                                                     | 51.72         | 3.74   | 55.46          | 74       | -18.54 | peak          |
| 10360                                                                                                                     | 40.74         | 3.74   | 44.48          | 54       | -9.52  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.87         | -4.59  | 51.28          | 74       | -22.72 | peak          |
| 3647                                                                                                                      | 43.48         | -4.59  | 38.89          | 54       | -15.11 | AVG           |
| 10360                                                                                                                     | 51.19         | 3.74   | 54.93          | 74       | -19.07 | peak          |
| 10360                                                                                                                     | 40.94         | 3.74   | 44.68          | 54       | -9.32  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.19         | -4.59  | 50.6           | 74       | -23.4  | peak          |
| 3647                                                                                                                      | 44.47         | -4.59  | 39.88          | 54       | -14.12 | AVG           |
| 10400                                                                                                                     | 52.21         | 3.74   | 55.95          | 74       | -18.05 | peak          |
| 10400                                                                                                                     | 40.55         | 3.74   | 44.29          | 54       | -9.71  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.83         | -4.59  | 50.24          | 74       | -23.76 | peak          |
| 3647                                                                                                                      | 43.49         | -4.59  | 38.9           | 54       | -15.1  | AVG           |
| 10400                                                                                                                     | 52.84         | 3.74   | 56.58          | 74       | -17.42 | peak          |
| 10400                                                                                                                     | 40.44         | 3.74   | 44.18          | 54       | -9.82  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.56         | -4.59  | 50.97          | 74       | -23.03 | peak          |
| 3647                                                                                                                      | 43.85         | -4.59  | 39.26          | 54       | -14.74 | AVG           |
| 10480                                                                                                                     | 51.11         | 3.75   | 54.86          | 74       | -19.14 | peak          |
| 10480                                                                                                                     | 41.64         | 3.75   | 45.39          | 54       | -8.61  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.36         | -4.59  | 51.77          | 74       | -22.23 | peak          |
| 3647                                                                                                                      | 44.95         | -4.59  | 40.36          | 54       | -13.64 | AVG           |
| 10480                                                                                                                     | 52.02         | 3.75   | 55.77          | 74       | -18.23 | peak          |
| 10480                                                                                                                     | 41.86         | 3.75   | 45.61          | 54       | -8.39  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: E50 Ultra

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.02         | -4.59  | 51.43          | 74       | -22.57 | peak          |
| 3647                                                                                                                      | 43.88         | -4.59  | 39.29          | 54       | -14.71 | AVG           |
| 10360                                                                                                                     | 51.42         | 3.74   | 55.16          | 74       | -18.84 | peak          |
| 10360                                                                                                                     | 41.43         | 3.74   | 45.17          | 54       | -8.83  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.64         | -4.59  | 50.05          | 74       | -23.95 | peak          |
| 3647                                                                                                                      | 44.44         | -4.59  | 39.85          | 54       | -14.15 | AVG           |
| 10360                                                                                                                     | 51.72         | 3.74   | 55.46          | 74       | -18.54 | peak          |
| 10360                                                                                                                     | 39.99         | 3.74   | 43.73          | 54       | -10.27 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.83         | -4.59  | 50.24          | 74       | -23.76 | peak          |
| 3647                                                                                                                      | 43.99         | -4.59  | 39.4           | 54       | -14.6  | AVG           |
| 10400                                                                                                                     | 52.09         | 3.74   | 55.83          | 74       | -18.17 | peak          |
| 10400                                                                                                                     | 40.74         | 3.74   | 44.48          | 54       | -9.52  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.82         | -4.59  | 50.23          | 74       | -23.77 | peak          |
| 3647                                                                                                                      | 44.43         | -4.59  | 39.84          | 54       | -14.16 | AVG           |
| 10400                                                                                                                     | 52.92         | 3.74   | 56.66          | 74       | -17.34 | peak          |
| 10400                                                                                                                     | 41.87         | 3.74   | 45.61          | 54       | -8.39  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.86         | -4.59  | 50.27          | 74       | -23.73 | peak          |
| 3647                                                                                                                      | 44.98         | -4.59  | 40.39          | 54       | -13.61 | AVG           |
| 10480                                                                                                                     | 52.67         | 3.75   | 56.42          | 74       | -17.58 | peak          |
| 10480                                                                                                                     | 40.64         | 3.75   | 44.39          | 54       | -9.61  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.26         | -4.59  | 51.67          | 74       | -22.33 | peak          |
| 3647                                                                                                                      | 44.12         | -4.59  | 39.53          | 54       | -14.47 | AVG           |
| 10480                                                                                                                     | 51.74         | 3.75   | 55.49          | 74       | -18.51 | peak          |
| 10480                                                                                                                     | 40.76         | 3.75   | 44.51          | 54       | -9.49  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: I16 pro max

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.07         | -4.59  | 50.48          | 74       | -23.52 | peak          |
| 3647                                                                                                                      | 43.78         | -4.59  | 39.19          | 54       | -14.81 | AVG           |
| 10360                                                                                                                     | 52.99         | 3.74   | 56.73          | 74       | -17.27 | peak          |
| 10360                                                                                                                     | 41.84         | 3.74   | 45.58          | 54       | -8.42  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.57         | -4.59  | 50.98          | 74       | -23.02 | peak          |
| 3647                                                                                                                      | 43.87         | -4.59  | 39.28          | 54       | -14.72 | AVG           |
| 10360                                                                                                                     | 52.36         | 3.74   | 56.1           | 74       | -17.9  | peak          |
| 10360                                                                                                                     | 41.72         | 3.74   | 45.46          | 54       | -8.54  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.54         | -4.59  | 49.95          | 74       | -24.05 | peak          |
| 3647                                                                                                                      | 43.86         | -4.59  | 39.27          | 54       | -14.73 | AVG           |
| 10400                                                                                                                     | 51.32         | 3.74   | 55.06          | 74       | -18.94 | peak          |
| 10400                                                                                                                     | 41.87         | 3.74   | 45.61          | 54       | -8.39  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.37         | -4.59  | 50.78          | 74       | -23.22 | peak          |
| 3647                                                                                                                      | 44.97         | -4.59  | 40.38          | 54       | -13.62 | AVG           |
| 10400                                                                                                                     | 53.25         | 3.74   | 56.99          | 74       | -17.01 | peak          |
| 10400                                                                                                                     | 41.82         | 3.74   | 45.56          | 54       | -8.44  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.31         | -4.59  | 50.72          | 74       | -23.28 | peak          |
| 3647                                                                                                                      | 45.24         | -4.59  | 40.65          | 54       | -13.35 | AVG           |
| 10480                                                                                                                     | 52.63         | 3.75   | 56.38          | 74       | -17.62 | peak          |
| 10480                                                                                                                     | 41.45         | 3.75   | 45.2           | 54       | -8.8   | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.41         | -4.59  | 50.82          | 74       | -23.18 | peak          |
| 3647                                                                                                                      | 44.91         | -4.59  | 40.32          | 54       | -13.68 | AVG           |
| 10480                                                                                                                     | 51.31         | 3.75   | 55.06          | 74       | -18.94 | peak          |
| 10480                                                                                                                     | 40.52         | 3.75   | 44.27          | 54       | -9.73  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: P6 pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.42         | -4.59  | 50.83          | 74       | -23.17 | peak          |
| 3647                                                                                                                      | 43.76         | -4.59  | 39.17          | 54       | -14.83 | AVG           |
| 10360                                                                                                                     | 52.93         | 3.74   | 56.67          | 74       | -17.33 | peak          |
| 10360                                                                                                                     | 41.46         | 3.74   | 45.2           | 54       | -8.8   | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.55         | -4.59  | 49.96          | 74       | -24.04 | peak          |
| 3647                                                                                                                      | 43.68         | -4.59  | 39.09          | 54       | -14.91 | AVG           |
| 10360                                                                                                                     | 52.07         | 3.74   | 55.81          | 74       | -18.19 | peak          |
| 10360                                                                                                                     | 40.35         | 3.74   | 44.09          | 54       | -9.91  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.94         | -4.59  | 50.35          | 74       | -23.65 | peak          |
| 3647                                                                                                                      | 43.95         | -4.59  | 39.36          | 54       | -14.64 | AVG           |
| 10400                                                                                                                     | 51.35         | 3.74   | 55.09          | 74       | -18.91 | peak          |
| 10400                                                                                                                     | 41.39         | 3.74   | 45.13          | 54       | -8.87  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.04         | -4.59  | 50.45          | 74       | -23.55 | peak          |
| 3647                                                                                                                      | 45.07         | -4.59  | 40.48          | 54       | -13.52 | AVG           |
| 10400                                                                                                                     | 51.18         | 3.74   | 54.92          | 74       | -19.08 | peak          |
| 10400                                                                                                                     | 40.38         | 3.74   | 44.12          | 54       | -9.88  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |



HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.02         | -4.59  | 51.43          | 74       | -22.57 | peak          |
| 3647                                                                                                                      | 45.16         | -4.59  | 40.57          | 54       | -13.43 | AVG           |
| 10480                                                                                                                     | 51.89         | 3.75   | 55.64          | 74       | -18.36 | peak          |
| 10480                                                                                                                     | 40.38         | 3.75   | 44.13          | 54       | -9.87  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.82         | -4.59  | 51.23          | 74       | -22.77 | peak          |
| 3647                                                                                                                      | 44.18         | -4.59  | 39.59          | 54       | -14.41 | AVG           |
| 10480                                                                                                                     | 51.62         | 3.75   | 55.37          | 74       | -18.63 | peak          |
| 10480                                                                                                                     | 41.16         | 3.75   | 44.91          | 54       | -9.09  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: Sp20 Pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.77         | -4.59  | 50.18          | 74       | -23.82 | peak          |
| 3647                                                                                                                      | 43.67         | -4.59  | 39.08          | 54       | -14.92 | AVG           |
| 10360                                                                                                                     | 51.63         | 3.74   | 55.37          | 74       | -18.63 | peak          |
| 10360                                                                                                                     | 40.22         | 3.74   | 43.96          | 54       | -10.04 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.96         | -4.59  | 51.37          | 74       | -22.63 | peak          |
| 3647                                                                                                                      | 44.15         | -4.59  | 39.56          | 54       | -14.44 | AVG           |
| 10360                                                                                                                     | 53.03         | 3.74   | 56.77          | 74       | -17.23 | peak          |
| 10360                                                                                                                     | 40.31         | 3.74   | 44.05          | 54       | -9.95  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.41         | -4.59  | 51.82          | 74       | -22.18 | peak          |
| 3647                                                                                                                      | 44.57         | -4.59  | 39.98          | 54       | -14.02 | AVG           |
| 10400                                                                                                                     | 52.62         | 3.74   | 56.36          | 74       | -17.64 | peak          |
| 10400                                                                                                                     | 40.78         | 3.74   | 44.52          | 54       | -9.48  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.68         | -4.59  | 50.09          | 74       | -23.91 | peak          |
| 3647                                                                                                                      | 43.37         | -4.59  | 38.78          | 54       | -15.22 | AVG           |
| 10400                                                                                                                     | 51.62         | 3.74   | 55.36          | 74       | -18.64 | peak          |
| 10400                                                                                                                     | 40.49         | 3.74   | 44.23          | 54       | -9.77  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.41         | -4.59  | 50.82          | 74       | -23.18 | peak          |
| 3647                                                                                                                      | 44.36         | -4.59  | 39.77          | 54       | -14.23 | AVG           |
| 10480                                                                                                                     | 52.09         | 3.75   | 55.84          | 74       | -18.16 | peak          |
| 10480                                                                                                                     | 39.94         | 3.75   | 43.69          | 54       | -10.31 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.94         | -4.59  | 51.35          | 74       | -22.65 | peak          |
| 3647                                                                                                                      | 43.99         | -4.59  | 39.4           | 54       | -14.6  | AVG           |
| 10480                                                                                                                     | 51.88         | 3.75   | 55.63          | 74       | -18.37 | peak          |
| 10480                                                                                                                     | 40.49         | 3.75   | 44.24          | 54       | -9.76  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: Sp20 Pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.81         | -4.59  | 50.22          | 74       | -23.78 | peak          |
| 3647                                                                                                                      | 43.95         | -4.59  | 39.36          | 54       | -14.64 | AVG           |
| 10360                                                                                                                     | 52.78         | 3.74   | 56.52          | 74       | -17.48 | peak          |
| 10360                                                                                                                     | 41.52         | 3.74   | 45.26          | 54       | -8.74  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.32         | -4.59  | 50.73          | 74       | -23.27 | peak          |
| 3647                                                                                                                      | 45.01         | -4.59  | 40.42          | 54       | -13.58 | AVG           |
| 10360                                                                                                                     | 52.98         | 3.74   | 56.72          | 74       | -17.28 | peak          |
| 10360                                                                                                                     | 40.93         | 3.74   | 44.67          | 54       | -9.33  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.85         | -4.59  | 50.26          | 74       | -23.74 | peak          |
| 3647                                                                                                                      | 44.46         | -4.59  | 39.87          | 54       | -14.13 | AVG           |
| 10400                                                                                                                     | 51.42         | 3.74   | 55.16          | 74       | -18.84 | peak          |
| 10400                                                                                                                     | 40.68         | 3.74   | 44.42          | 54       | -9.58  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.99         | -4.59  | 51.4           | 74       | -22.6  | peak          |
| 3647                                                                                                                      | 43.84         | -4.59  | 39.25          | 54       | -14.75 | AVG           |
| 10400                                                                                                                     | 52.32         | 3.74   | 56.06          | 74       | -17.94 | peak          |
| 10400                                                                                                                     | 40.55         | 3.74   | 44.29          | 54       | -9.71  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.46         | -4.59  | 49.87          | 74       | -24.13 | peak          |
| 3647                                                                                                                      | 44.67         | -4.59  | 40.08          | 54       | -13.92 | AVG           |
| 10480                                                                                                                     | 52.94         | 3.75   | 56.69          | 74       | -17.31 | peak          |
| 10480                                                                                                                     | 40.93         | 3.75   | 44.68          | 54       | -9.32  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.86         | -4.59  | 50.27          | 74       | -23.73 | peak          |
| 3647                                                                                                                      | 44.49         | -4.59  | 39.9           | 54       | -14.1  | AVG           |
| 10480                                                                                                                     | 52.38         | 3.75   | 56.13          | 74       | -17.87 | peak          |
| 10480                                                                                                                     | 41.82         | 3.75   | 45.57          | 54       | -8.43  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: T3 Pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.36         | -4.59  | 51.77          | 74       | -22.23 | peak          |
| 3647                                                                                                                      | 44.54         | -4.59  | 39.95          | 54       | -14.05 | AVG           |
| 10360                                                                                                                     | 51.67         | 3.74   | 55.41          | 74       | -18.59 | peak          |
| 10360                                                                                                                     | 40.55         | 3.74   | 44.29          | 54       | -9.71  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.99         | -4.59  | 50.4           | 74       | -23.6  | peak          |
| 3647                                                                                                                      | 45.07         | -4.59  | 40.48          | 54       | -13.52 | AVG           |
| 10360                                                                                                                     | 52.02         | 3.74   | 55.76          | 74       | -18.24 | peak          |
| 10360                                                                                                                     | 40.91         | 3.74   | 44.65          | 54       | -9.35  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.43         | -4.59  | 51.84          | 74       | -22.16 | peak          |
| 3647                                                                                                                      | 44.83         | -4.59  | 40.24          | 54       | -13.76 | AVG           |
| 10400                                                                                                                     | 52.78         | 3.74   | 56.52          | 74       | -17.48 | peak          |
| 10400                                                                                                                     | 40.19         | 3.74   | 43.93          | 54       | -10.07 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.42         | -4.59  | 50.83          | 74       | -23.17 | peak          |
| 3647                                                                                                                      | 44.55         | -4.59  | 39.96          | 54       | -14.04 | AVG           |
| 10400                                                                                                                     | 52.67         | 3.74   | 56.41          | 74       | -17.59 | peak          |
| 10400                                                                                                                     | 40.34         | 3.74   | 44.08          | 54       | -9.92  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.22         | -4.59  | 51.63          | 74       | -22.37 | peak          |
| 3647                                                                                                                      | 43.41         | -4.59  | 38.82          | 54       | -15.18 | AVG           |
| 10480                                                                                                                     | 52.33         | 3.75   | 56.08          | 74       | -17.92 | peak          |
| 10480                                                                                                                     | 41.62         | 3.75   | 45.37          | 54       | -8.63  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 54.63         | -4.59  | 50.04          | 74       | -23.96 | peak          |
| 3647                                                                                                                      | 43.42         | -4.59  | 38.83          | 54       | -15.17 | AVG           |
| 10480                                                                                                                     | 51.71         | 3.75   | 55.46          | 74       | -18.54 | peak          |
| 10480                                                                                                                     | 41.09         | 3.75   | 44.84          | 54       | -9.16  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

Series Model No.: P8 Pro

LOW CH 36 (802.11 a Mode with 5.2G)/5180

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.42         | -4.59  | 50.83          | 74       | -23.17 | peak          |
| 3647                                                                                                                      | 43.64         | -4.59  | 39.05          | 54       | -14.95 | AVG           |
| 10360                                                                                                                     | 51.61         | 3.74   | 55.35          | 74       | -18.65 | peak          |
| 10360                                                                                                                     | 40.75         | 3.74   | 44.49          | 54       | -9.51  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.75         | -4.59  | 51.16          | 74       | -22.84 | peak          |
| 3647                                                                                                                      | 43.53         | -4.59  | 38.94          | 54       | -15.06 | AVG           |
| 10360                                                                                                                     | 51.13         | 3.74   | 54.87          | 74       | -19.13 | peak          |
| 10360                                                                                                                     | 40.79         | 3.74   | 44.53          | 54       | -9.47  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

MID CH40 (802.11 a Mode with 5.2G)/5200

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.28         | -4.59  | 50.69          | 74       | -23.31 | peak          |
| 3647                                                                                                                      | 44.84         | -4.59  | 40.25          | 54       | -13.75 | AVG           |
| 10400                                                                                                                     | 51.49         | 3.74   | 55.23          | 74       | -18.77 | peak          |
| 10400                                                                                                                     | 40.19         | 3.74   | 43.93          | 54       | -10.07 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 55.52         | -4.59  | 50.93          | 74       | -23.07 | peak          |
| 3647                                                                                                                      | 45.22         | -4.59  | 40.63          | 54       | -13.37 | AVG           |
| 10400                                                                                                                     | 51.87         | 3.74   | 55.61          | 74       | -18.39 | peak          |
| 10400                                                                                                                     | 41.13         | 3.74   | 44.87          | 54       | -9.13  | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

HIGH CH 48 (802.11a Mode with 5.2G)/5240

Horizontal:

| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.08         | -4.59  | 51.49          | 74       | -22.51 | peak          |
| 3647                                                                                                                      | 44.15         | -4.59  | 39.56          | 54       | -14.44 | AVG           |
| 10480                                                                                                                     | 51.15         | 3.75   | 54.9           | 74       | -19.1  | peak          |
| 10480                                                                                                                     | 39.97         | 3.75   | 43.72          | 54       | -10.28 | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Vertical:

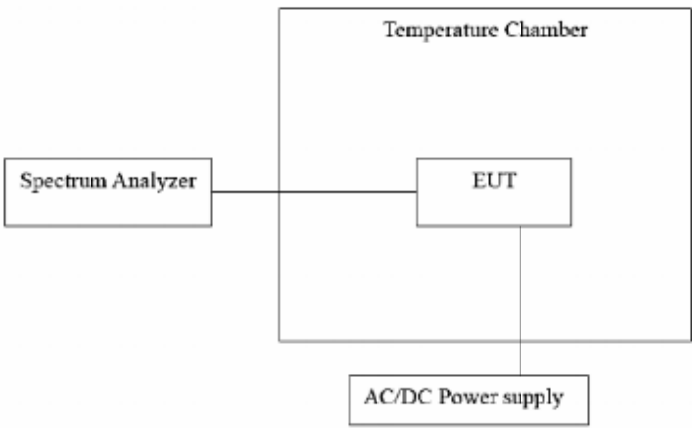
| Frequency                                                                                                                 | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|---------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------------|----------|--------|---------------|
| (MHz)                                                                                                                     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 3647                                                                                                                      | 56.35         | -4.59  | 51.76          | 74       | -22.24 | peak          |
| 3647                                                                                                                      | 43.78         | -4.59  | 39.19          | 54       | -14.81 | AVG           |
| 10480                                                                                                                     | 51.86         | 3.75   | 55.61          | 74       | -18.39 | peak          |
| 10480                                                                                                                     | 41.25         | 3.75   | 45             | 54       | -9     | AVG           |
| Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit. |               |        |                |          |        |               |

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not recorded in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7) All the test modes completed for test. only the worst result of Mode 1(802.11a Mode )

## 4.8. Frequency Stability Measurement

### 4.8.1. Test Specification

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Requirement:</b> | FCC Part15 Section 15.407(g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Test Method:</b>      | ANSI C63.10: 2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Limit:</b>            | The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.                                                                                                                                                                                                                                                                                                                |
| <b>Test Setup:</b>       |  <pre> graph LR     SA[Spectrum Analyzer] --- EUT[EUT]     subgraph TC [Temperature Chamber]         EUT     end     P[AC/DC Power supply] --- EUT             </pre>                                                                                                                                                                                                                                                                                                                                                               |
| <b>Test Procedure:</b>   | The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage. b. Turn the EUT on and couple its output to a spectrum analyzer. c. Turn the EUT off and set the chamber to the highest temperature specified. d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. e. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature. f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record. |
| <b>Test Result:</b>      | PASS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Remark:</b>           | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**Test Result as follows:**

| Mode      | Voltage (V) | FHL (5180MHz) | Deviation (KHz) | FHH (5240MHz) | Deviation (KHz) |
|-----------|-------------|---------------|-----------------|---------------|-----------------|
| 5.2G Band | 4.25V       | 5179.992      | -8              | 5239.982      | -18             |
|           | 5.0V        | 5180.014      | 14              | 5240.011      | 11              |
|           | 5.75V       | 5180.009      | 9               | 5239.987      | -13             |

| Mode      | Temperature (°C) | FHL (5180MHz) | Deviation (KHz) | FHH (5240MHz) | Deviation (KHz) |
|-----------|------------------|---------------|-----------------|---------------|-----------------|
| 5.2G Band | -30              | 5179.979      | -21             | 5239.992      | -8              |
|           | -20              | 5180.016      | 16              | 5240.006      | 6               |
|           | -10              | 5179.966      | -34             | 5239.967      | -33             |
|           | 0                | 5180.012      | 12              | 5239.979      | -21             |
|           | 10               | 5179.981      | -19             | 5239.985      | -15             |
|           | 20               | 5179.977      | -23             | 5240.016      | 16              |
|           | 30               | 5180.013      | 13              | 5239.981      | -19             |
|           | 40               | 5179.969      | -31             | 5239.962      | -38             |
|           | 50               | 5179.971      | -29             | 5240.011      | 11              |

## 4.9. Antenna Requirement

### Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

### Refer to statement below for compliance.

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

### Antenna Connected Construction

The antenna used in this product is a FPC Antenna, need professional installation, not easy to remove. It conforms to the standard requirements. The directional gains of antenna used for transmitting is 1.23dBi.

### WIFI Antenna

