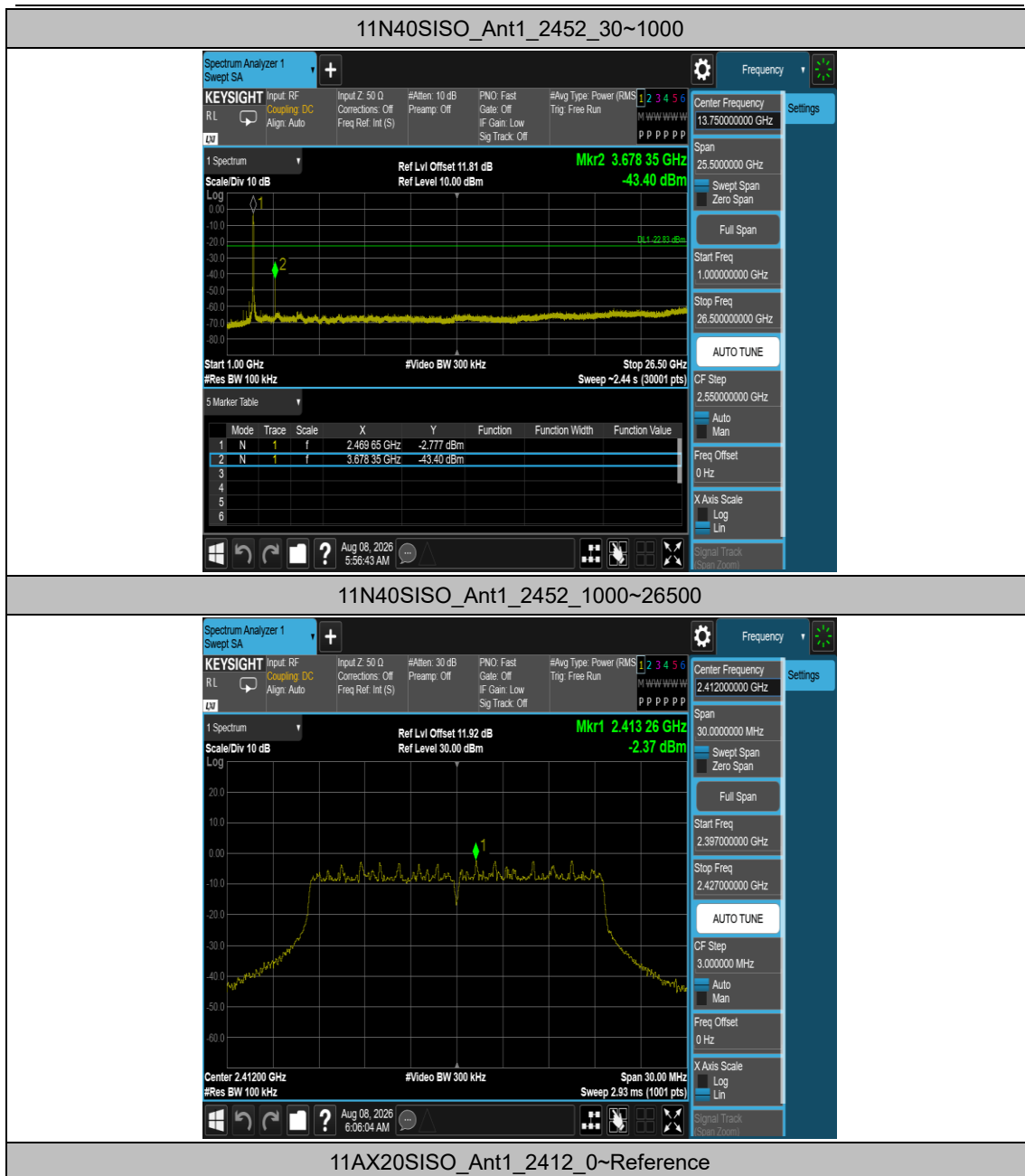






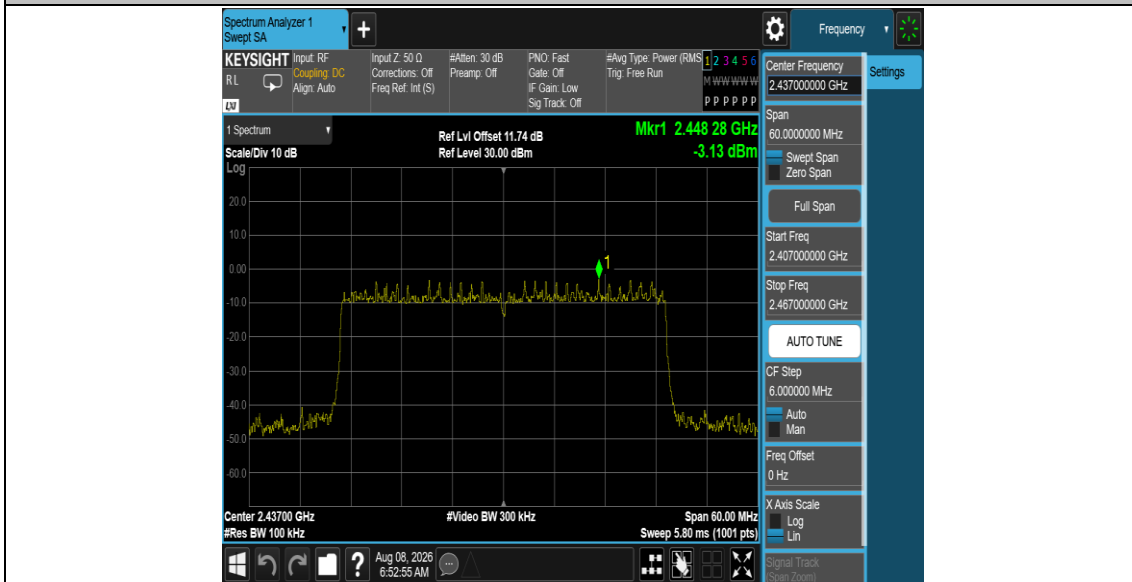




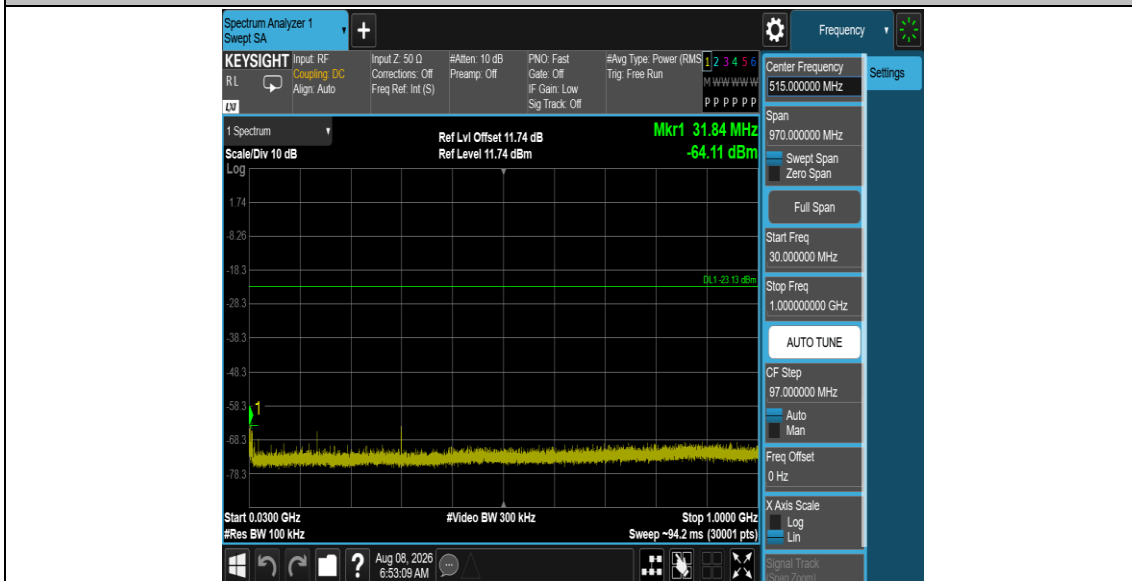




11AX40SISO\_Ant1\_2422\_1000~26500



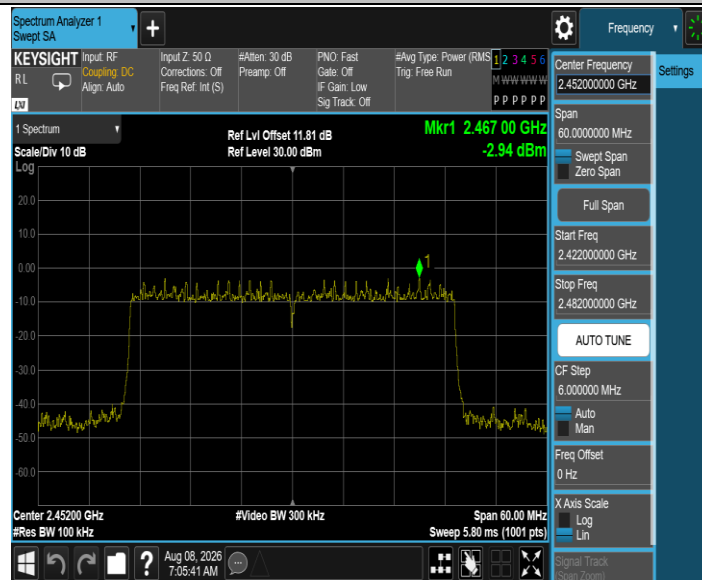
11AX40SISO\_Ant1\_2437\_0~Reference



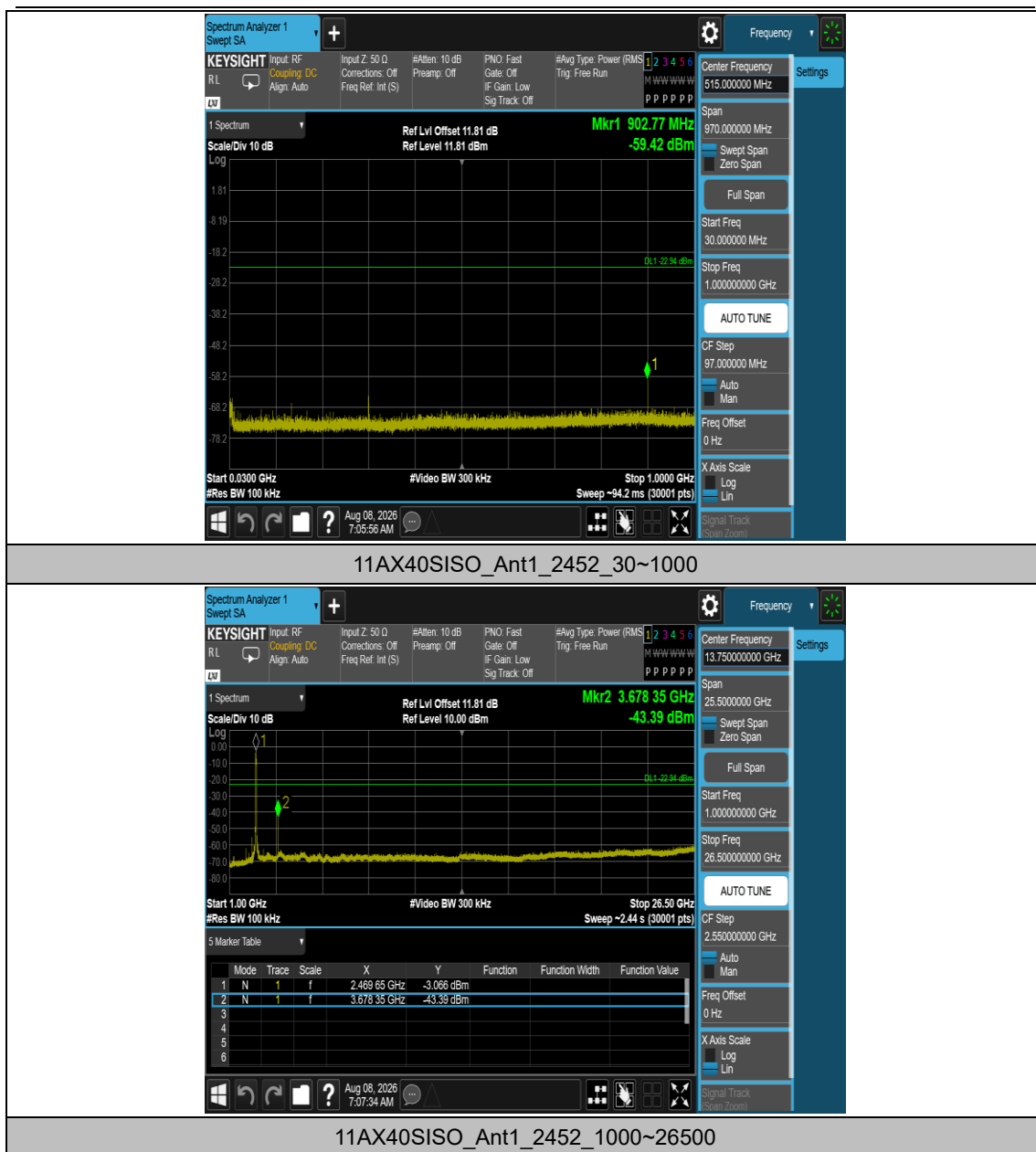
## 11AX40SISO\_Ant1\_2437\_30~1000



## 11AX40SISO\_Ant1\_2437\_1000~26500



## 11AX40SISO\_Ant1\_2452\_0~Reference



## Appendix G: Duty Cycle

### Test Result

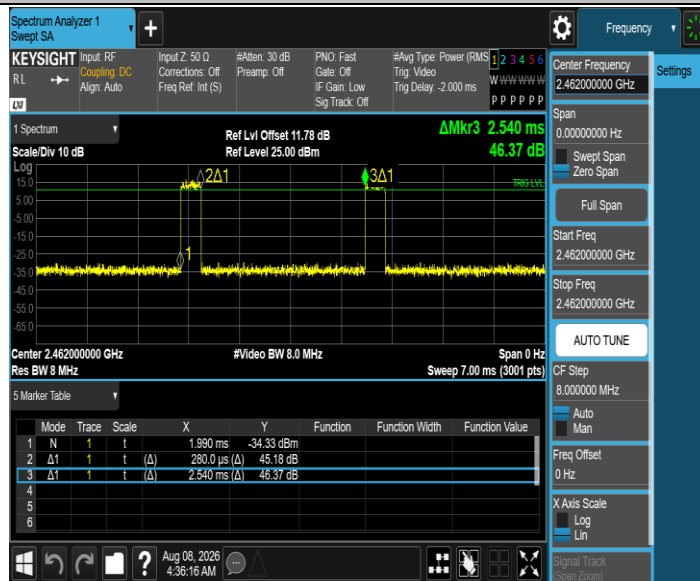
| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11B        | Ant1    | 2412           | 0.32                       | 1.48                     | 21.62          |
|            |         | 2437           | 0.33                       | 1.48                     | 22.30          |
|            |         | 2462           | 0.32                       | 1.47                     | 21.77          |
| 11G        | Ant1    | 2412           | 0.28                       | 2.54                     | 11.02          |
|            |         | 2437           | 0.28                       | 2.54                     | 11.02          |
|            |         | 2462           | 0.28                       | 2.54                     | 11.02          |
| 11N20SISO  | Ant1    | 2412           | 0.30                       | 2.56                     | 11.72          |
|            |         | 2437           | 0.29                       | 2.55                     | 11.37          |
|            |         | 2462           | 0.30                       | 2.56                     | 11.72          |
| 11N40SISO  | Ant1    | 2422           | 0.29                       | 2.64                     | 10.98          |
|            |         | 2437           | 0.29                       | 2.64                     | 10.98          |
|            |         | 2452           | 0.29                       | 2.64                     | 10.98          |
| 11AX20SISO | Ant1    | 2412           | 0.27                       | 2.67                     | 10.11          |
|            |         | 2437           | 0.27                       | 2.67                     | 10.11          |
|            |         | 2462           | 0.27                       | 2.67                     | 10.11          |
| 11AX40SISO | Ant1    | 2422           | 0.27                       | 2.66                     | 10.15          |
|            |         | 2437           | 0.27                       | 2.65                     | 10.19          |
|            |         | 2452           | 0.27                       | 2.66                     | 10.15          |

## Test Graphs

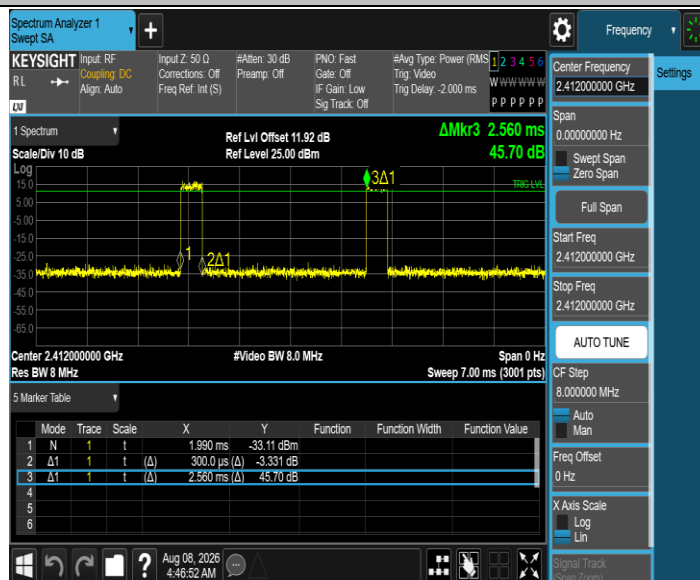




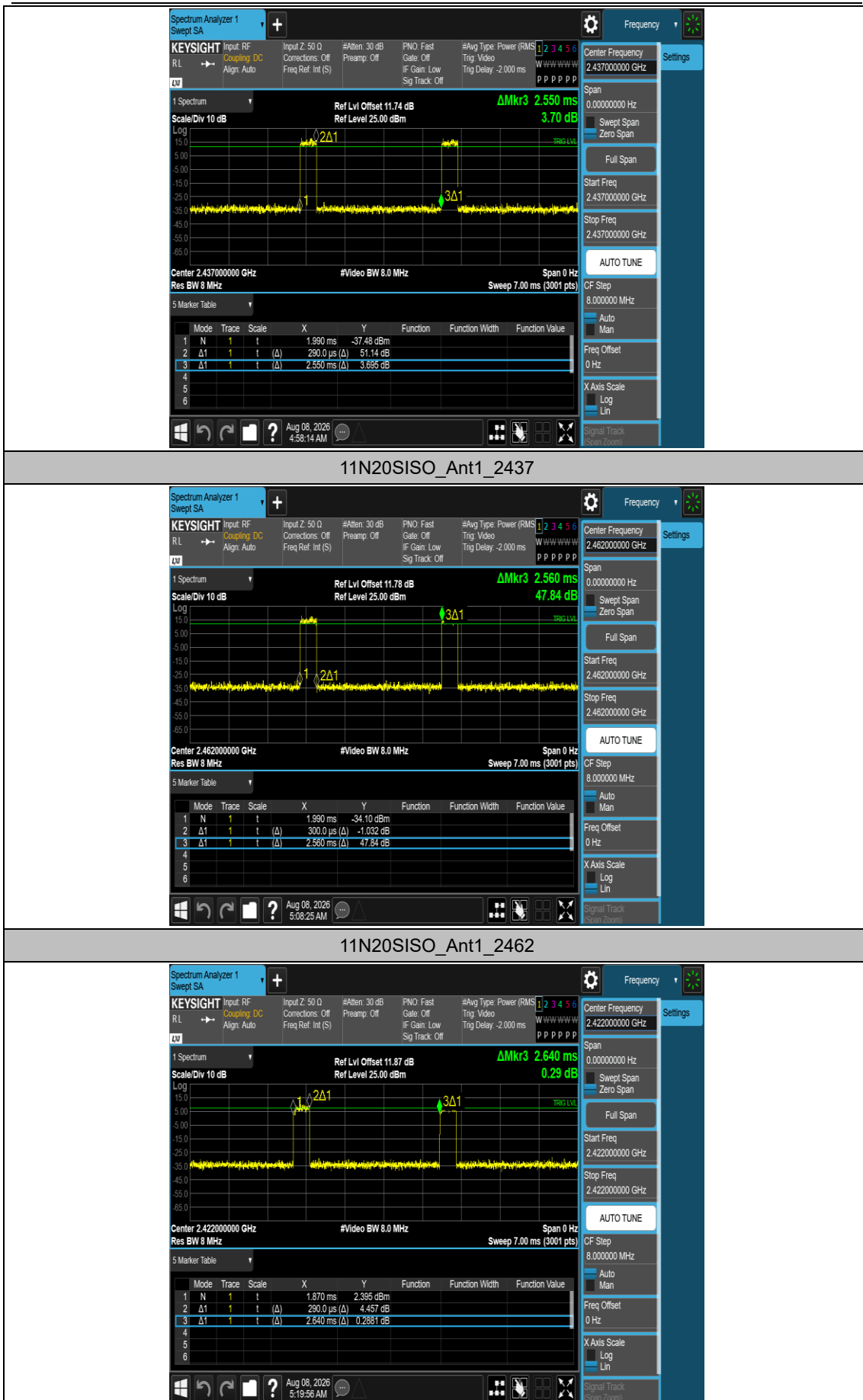
## 11G\_Ant1\_2437



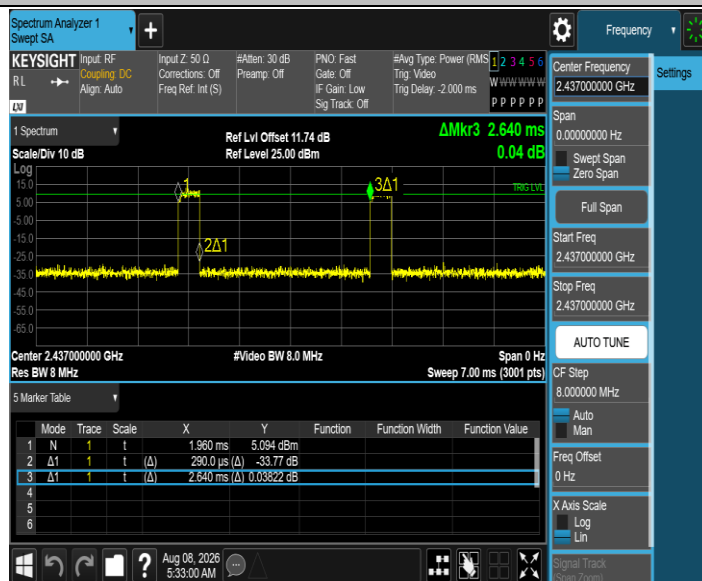
## 11G\_Ant1\_2462



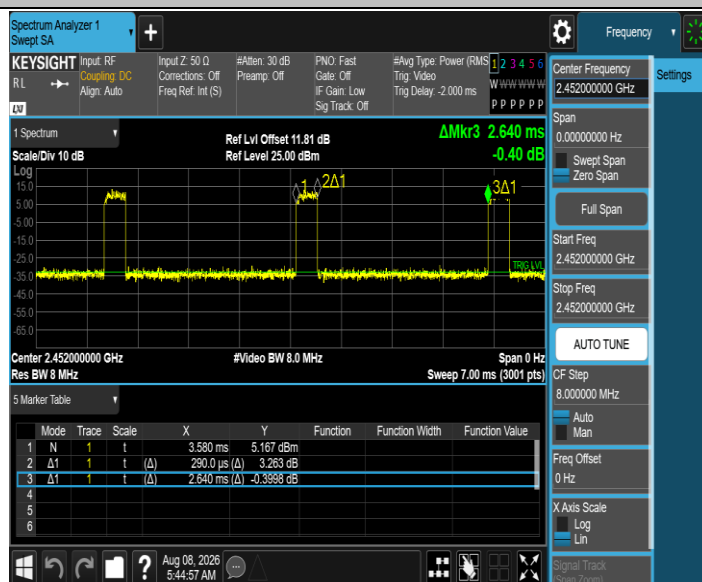
## 11N20SISO\_Ant1\_2412



## 11N40SISO\_Ant1\_2422



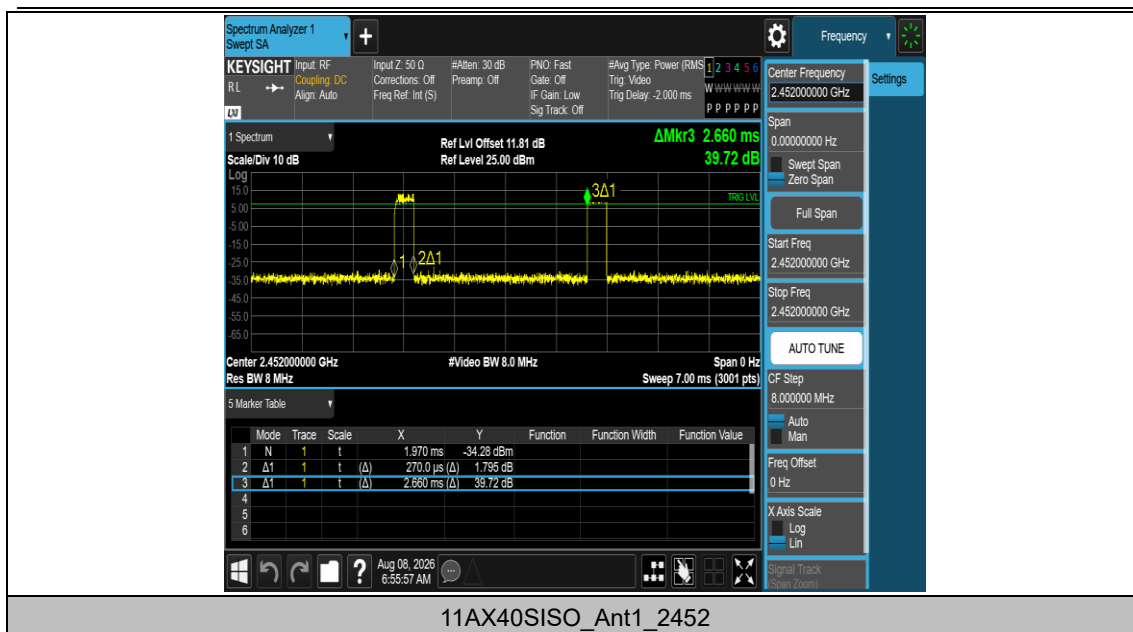
## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452

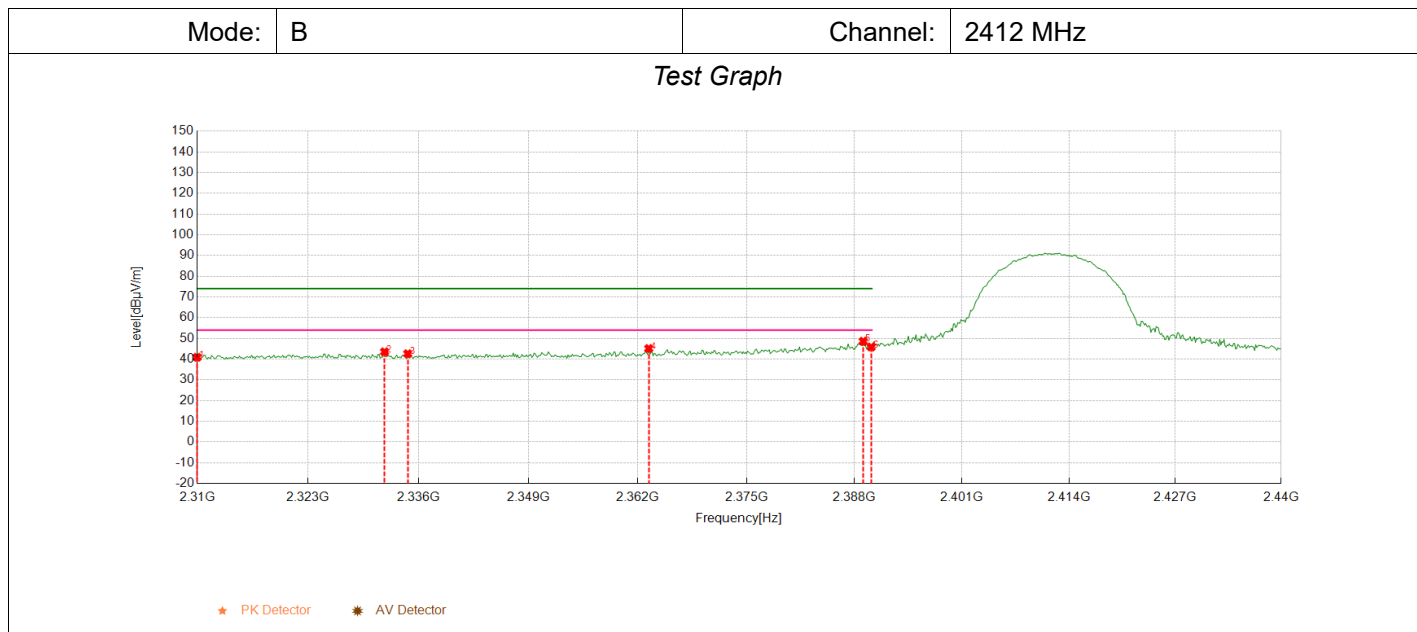






## Appendix H: Emissions in Restricted Bands

### Test Result



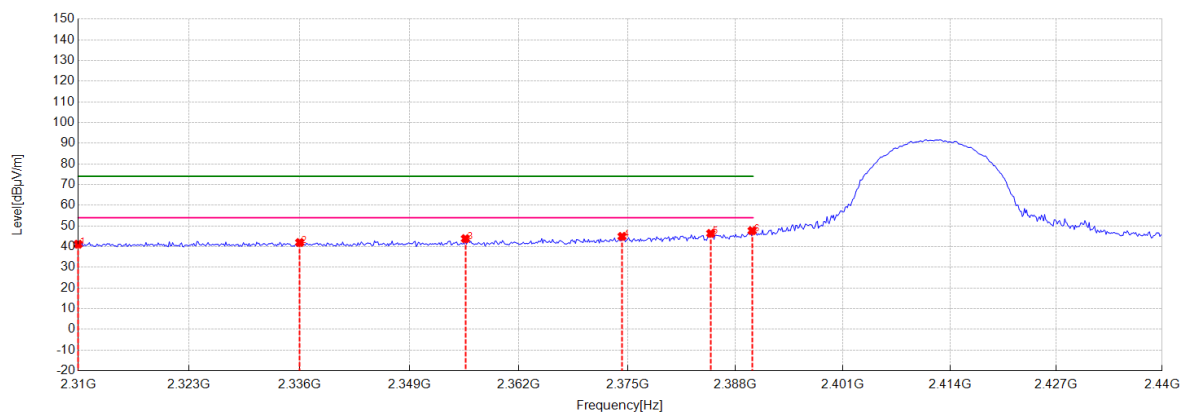
| Suspected Data List |                 |                  |                |             |                |             |             |           |     |          |         |
|---------------------|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| NO.                 | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
| 1                   | 2310.0000       | 38.20            | 40.87          | 2.67        | 74.00          | 33.13       | 150         | 351       | PK  | Vertical | PASS    |
| 2                   | 2331.9700       | 40.75            | 43.51          | 2.76        | 74.00          | 30.49       | 150         | 252       | PK  | Vertical | PASS    |
| 3                   | 2334.7000       | 39.80            | 42.60          | 2.80        | 74.00          | 31.40       | 150         | 109       | PK  | Vertical | PASS    |
| 4                   | 2363.3000       | 42.20            | 45.12          | 2.92        | 74.00          | 28.88       | 150         | 21        | PK  | Vertical | PASS    |
| 5                   | 2389.0400       | 45.67            | 48.62          | 2.95        | 74.00          | 25.38       | 150         | 83        | PK  | Vertical | PASS    |
| 6                   | 2390.0000       | 42.88            | 45.83          | 2.95        | 74.00          | 28.17       | 150         | 78        | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2412 MHz

**Test Graph**


★ PK Detector ★ AV Detector

**Suspected Data List**

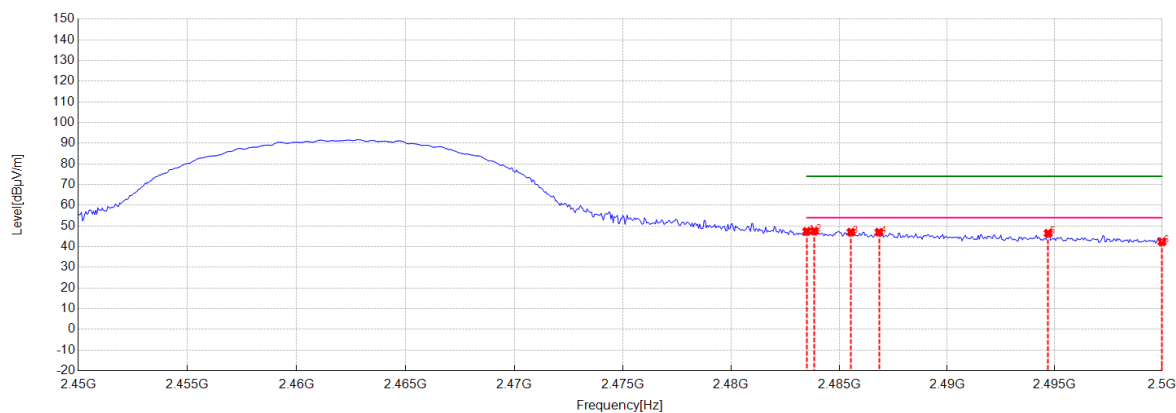
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2310.0000       | 38.50            | 41.17          | 2.67        | 74.00          | 32.83       | 150         | 45        | PK  | Horizontal | PASS    |
| 2   | 2336.0000       | 39.17            | 41.98          | 2.81        | 74.00          | 32.02       | 150         | 50        | PK  | Horizontal | PASS    |
| 3   | 2355.6300       | 40.88            | 43.85          | 2.97        | 74.00          | 30.15       | 150         | 155       | PK  | Horizontal | PASS    |
| 4   | 2374.3500       | 41.94            | 44.94          | 3.00        | 74.00          | 29.06       | 150         | 150       | PK  | Horizontal | PASS    |
| 5   | 2385.0100       | 43.34            | 46.38          | 3.04        | 74.00          | 27.62       | 150         | 139       | PK  | Horizontal | PASS    |
| 6   | 2390.0000       | 44.78            | 47.73          | 2.95        | 74.00          | 26.27       | 150         | 139       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2462 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

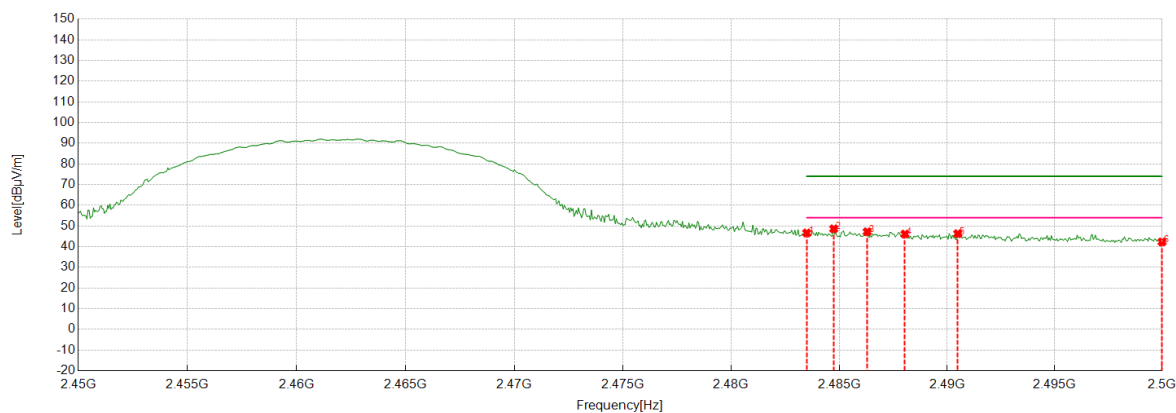
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2483.5000       | 43.92            | 47.38          | 3.46        | 74.00          | 26.62       | 150         | 146       | PK  | Horizontal | PASS    |
| 2   | 2483.8500       | 44.09            | 47.54          | 3.45        | 74.00          | 26.46       | 150         | 220       | PK  | Horizontal | PASS    |
| 3   | 2485.5500       | 43.49            | 46.99          | 3.50        | 74.00          | 27.01       | 150         | 146       | PK  | Horizontal | PASS    |
| 4   | 2486.8500       | 43.41            | 46.94          | 3.53        | 74.00          | 27.06       | 150         | 213       | PK  | Horizontal | PASS    |
| 5   | 2494.7000       | 42.88            | 46.45          | 3.57        | 74.00          | 27.55       | 150         | 187       | PK  | Horizontal | PASS    |
| 6   | 2500.0000       | 38.81            | 42.31          | 3.50        | 74.00          | 31.69       | 150         | 184       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2462 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

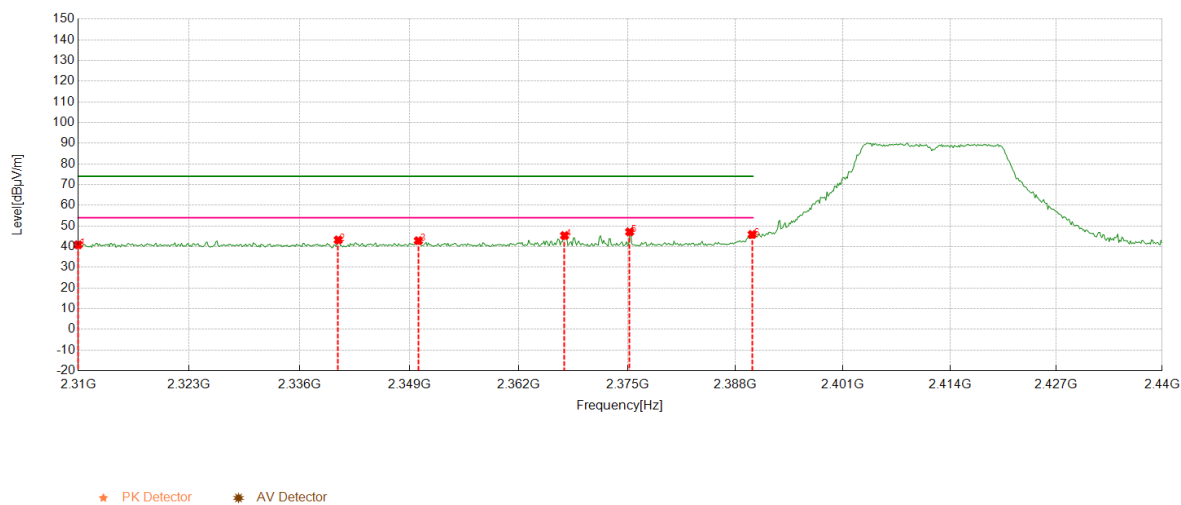
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| 1   | 2483.5000       | 43.14            | 46.60          | 3.46        | 74.00          | 27.40       | 150         | 110       | PK  | Vertical | PASS    |
| 2   | 2484.7500       | 45.09            | 48.61          | 3.52        | 74.00          | 25.39       | 150         | 110       | PK  | Vertical | PASS    |
| 3   | 2486.3000       | 43.70            | 47.19          | 3.49        | 74.00          | 26.81       | 150         | 89        | PK  | Vertical | PASS    |
| 4   | 2488.0500       | 42.61            | 46.07          | 3.46        | 74.00          | 27.93       | 150         | 89        | PK  | Vertical | PASS    |
| 5   | 2490.5000       | 42.69            | 46.25          | 3.56        | 74.00          | 27.75       | 150         | 107       | PK  | Vertical | PASS    |
| 6   | 2500.0000       | 38.77            | 42.27          | 3.50        | 74.00          | 31.73       | 150         | 182       | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N20

Channel: 2412 MHz

**Test Graph**

**Suspected Data List**

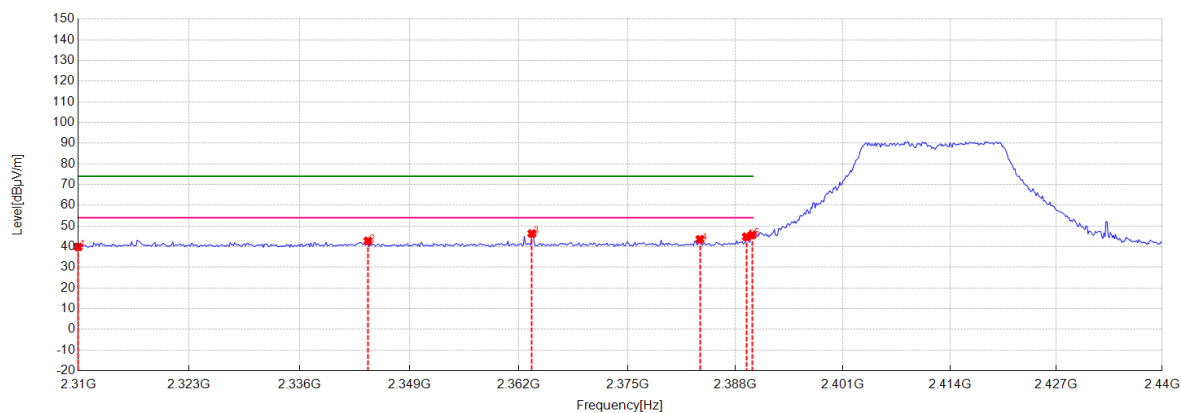
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| 1   | 2310.0000       | 38.22            | 40.89          | 2.67        | 74.00          | 33.11       | 150         | 295       | PK  | Vertical | PASS    |
| 2   | 2340.5500       | 40.37            | 43.23          | 2.86        | 74.00          | 30.77       | 150         | 206       | PK  | Vertical | PASS    |
| 3   | 2350.0400       | 39.81            | 42.86          | 3.05        | 74.00          | 31.14       | 150         | 3         | PK  | Vertical | PASS    |
| 4   | 2367.4600       | 42.37            | 45.36          | 2.99        | 74.00          | 28.64       | 150         | 198       | PK  | Vertical | PASS    |
| 5   | 2375.2600       | 44.12            | 47.13          | 3.01        | 74.00          | 26.87       | 150         | 314       | PK  | Vertical | PASS    |
| 6   | 2390.0000       | 42.92            | 45.87          | 2.95        | 74.00          | 28.13       | 150         | 356       | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N20

Channel: 2412 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

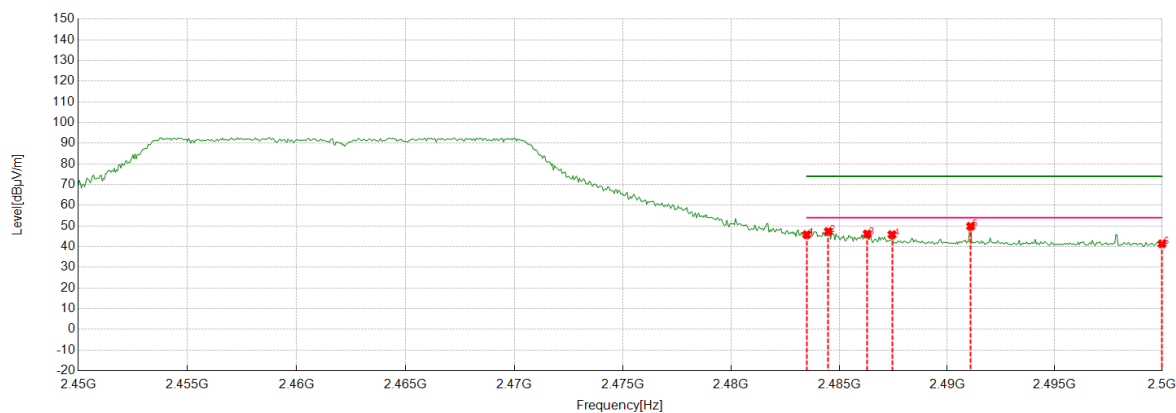
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2310.0000       | 37.18            | 39.85          | 2.67        | 74.00          | 34.15       | 150         | 7         | PK  | Horizontal | PASS    |
| 2   | 2344.0600       | 39.80            | 42.76          | 2.96        | 74.00          | 31.24       | 150         | 50        | PK  | Horizontal | PASS    |
| 3   | 2363.5600       | 43.38            | 46.31          | 2.93        | 74.00          | 27.69       | 150         | 161       | PK  | Horizontal | PASS    |
| 4   | 2383.7100       | 40.53            | 43.55          | 3.02        | 74.00          | 30.45       | 150         | 22        | PK  | Horizontal | PASS    |
| 5   | 2389.3000       | 41.81            | 44.76          | 2.95        | 74.00          | 29.24       | 150         | 150       | PK  | Horizontal | PASS    |
| 6   | 2390.0000       | 42.70            | 45.65          | 2.95        | 74.00          | 28.35       | 150         | 150       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N20

Channel: 2462 MHz

**Test Graph**


★ PK Detector    ✱ AV Detector

**Suspected Data List**

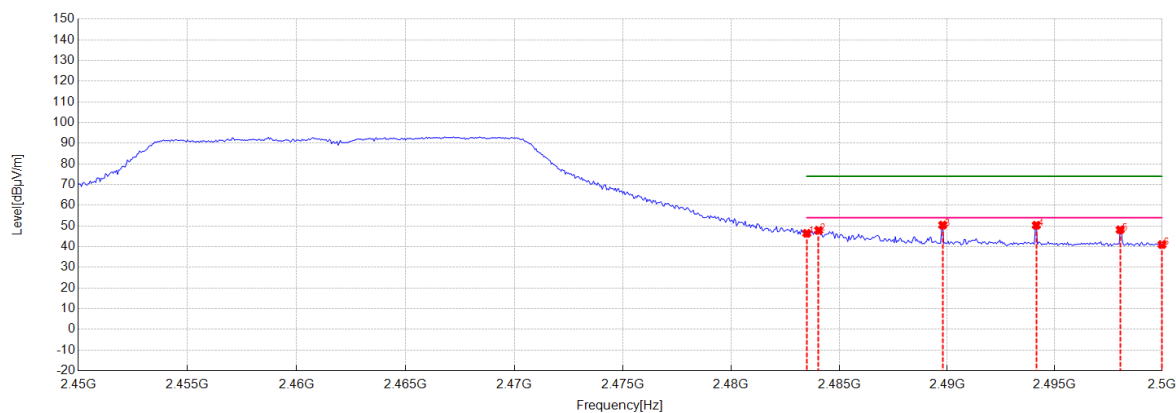
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| 1   | 2483.5000       | 42.35            | 45.81          | 3.46        | 74.00          | 28.19       | 150         | 85        | PK  | Vertical | PASS    |
| 2   | 2484.5000       | 43.84            | 47.34          | 3.50        | 74.00          | 26.66       | 150         | 88        | PK  | Vertical | PASS    |
| 3   | 2486.3000       | 42.64            | 46.13          | 3.49        | 74.00          | 27.87       | 150         | 105       | PK  | Vertical | PASS    |
| 4   | 2487.4500       | 42.31            | 45.81          | 3.50        | 74.00          | 28.19       | 150         | 88        | PK  | Vertical | PASS    |
| 5   | 2491.1000       | 46.29            | 49.84          | 3.55        | 74.00          | 24.16       | 150         | 79        | PK  | Vertical | PASS    |
| 6   | 2500.0000       | 37.87            | 41.37          | 3.50        | 74.00          | 32.63       | 150         | 353       | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N20

Channel: 2462 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

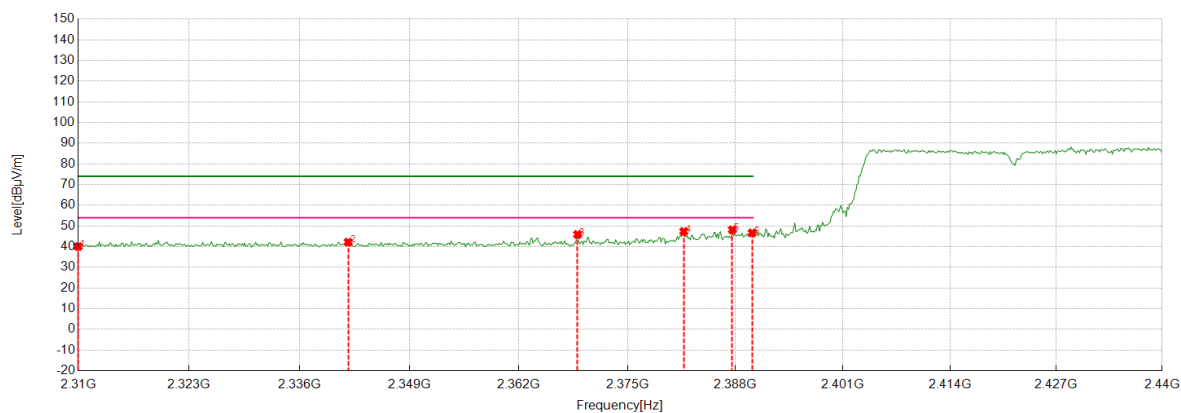
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2483.5000       | 42.96            | 46.42          | 3.46        | 74.00          | 27.58       | 150         | 235       | PK  | Horizontal | PASS    |
| 2   | 2484.0500       | 44.42            | 47.87          | 3.45        | 74.00          | 26.13       | 150         | 26        | PK  | Horizontal | PASS    |
| 3   | 2489.8000       | 46.85            | 50.42          | 3.57        | 74.00          | 23.58       | 150         | 4         | PK  | Horizontal | PASS    |
| 4   | 2494.1500       | 46.74            | 50.33          | 3.59        | 74.00          | 23.67       | 150         | 154       | PK  | Horizontal | PASS    |
| 5   | 2498.0500       | 44.56            | 48.14          | 3.58        | 74.00          | 25.86       | 150         | 148       | PK  | Horizontal | PASS    |
| 6   | 2500.0000       | 37.49            | 40.99          | 3.50        | 74.00          | 33.01       | 150         | 142       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N40

Channel: 2422 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

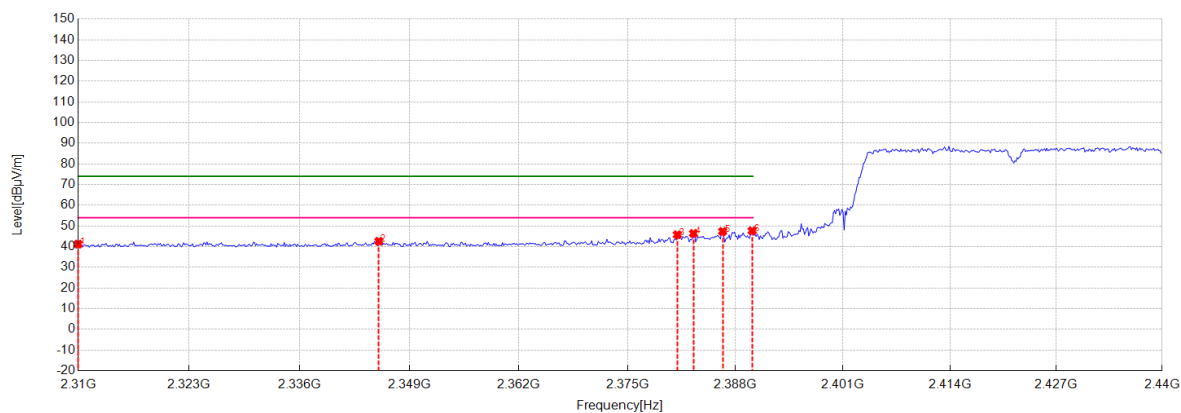
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| 1   | 2310.0000       | 37.37            | 40.04          | 2.67        | 74.00          | 33.96       | 150         | 179       | PK  | Vertical | PASS    |
| 2   | 2341.7200       | 39.28            | 42.16          | 2.88        | 74.00          | 31.84       | 150         | 309       | PK  | Vertical | PASS    |
| 3   | 2369.0200       | 42.86            | 45.88          | 3.02        | 74.00          | 28.12       | 150         | 179       | PK  | Vertical | PASS    |
| 4   | 2381.7600       | 44.32            | 47.35          | 3.03        | 74.00          | 26.65       | 150         | 78        | PK  | Vertical | PASS    |
| 5   | 2387.6100       | 45.20            | 48.14          | 2.94        | 74.00          | 25.86       | 150         | 119       | PK  | Vertical | PASS    |
| 6   | 2390.0000       | 43.66            | 46.61          | 2.95        | 74.00          | 27.39       | 150         | 345       | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N40

Channel: 2422 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

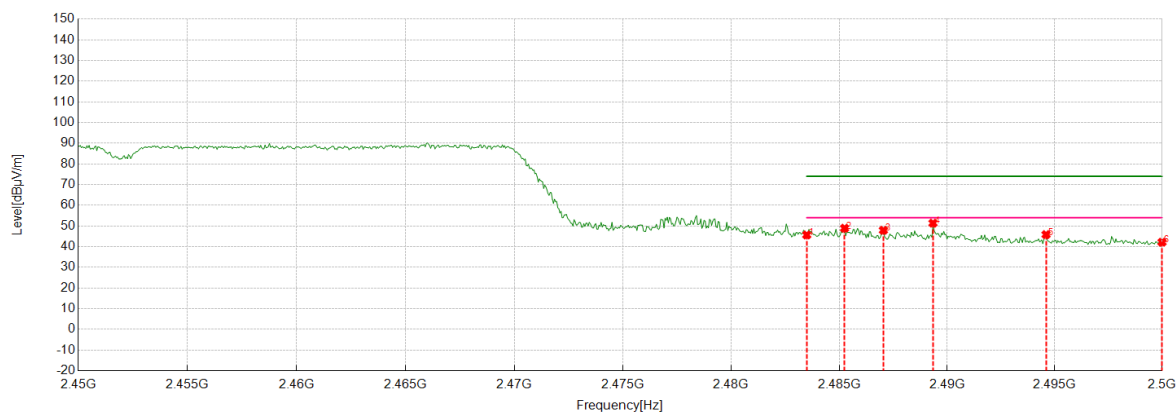
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2310.0000       | 38.54            | 41.21          | 2.67        | 74.00          | 32.79       | 150         | 229       | PK  | Horizontal | PASS    |
| 2   | 2345.3600       | 39.62            | 42.60          | 2.98        | 74.00          | 31.40       | 150         | 346       | PK  | Horizontal | PASS    |
| 3   | 2380.9800       | 42.74            | 45.77          | 3.03        | 74.00          | 28.23       | 150         | 163       | PK  | Horizontal | PASS    |
| 4   | 2382.9300       | 43.37            | 46.39          | 3.02        | 74.00          | 27.61       | 150         | 151       | PK  | Horizontal | PASS    |
| 5   | 2386.4400       | 44.36            | 47.34          | 2.98        | 74.00          | 26.66       | 150         | 360       | PK  | Horizontal | PASS    |
| 6   | 2390.0000       | 44.73            | 47.68          | 2.95        | 74.00          | 26.32       | 150         | 142       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N40

Channel: 2452 MHz

**Test Graph**

**Suspected Data List**

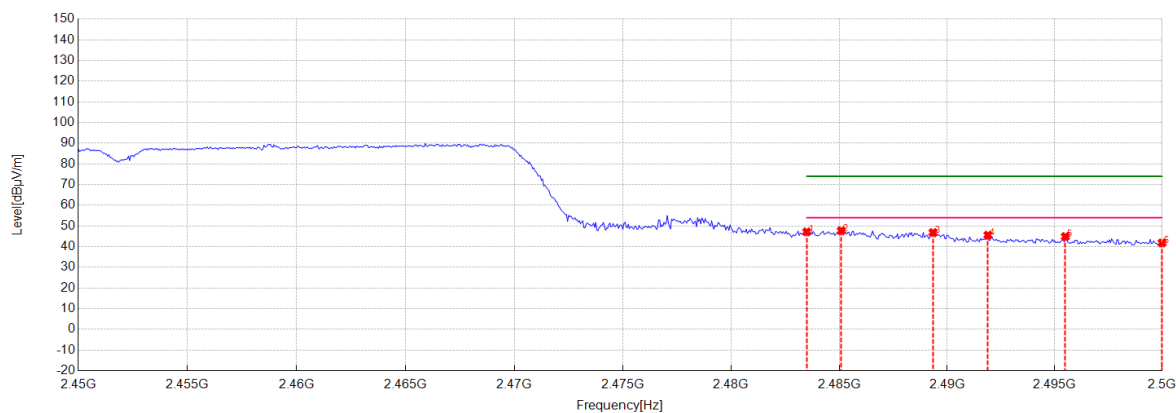
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| 1   | 2483.5000       | 42.18            | 45.64          | 3.46        | 74.00          | 28.36       | 150         | 118       | PK  | Vertical | PASS    |
| 2   | 2485.2500       | 45.37            | 48.89          | 3.52        | 74.00          | 25.11       | 150         | 105       | PK  | Vertical | PASS    |
| 3   | 2487.0500       | 44.37            | 47.91          | 3.54        | 74.00          | 26.09       | 150         | 108       | PK  | Vertical | PASS    |
| 4   | 2489.3500       | 47.78            | 51.34          | 3.56        | 74.00          | 22.66       | 150         | 105       | PK  | Vertical | PASS    |
| 5   | 2494.6000       | 42.24            | 45.81          | 3.57        | 74.00          | 28.19       | 150         | 86        | PK  | Vertical | PASS    |
| 6   | 2500.0000       | 38.62            | 42.12          | 3.50        | 74.00          | 31.88       | 150         | 105       | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: N40

Channel: 2452 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

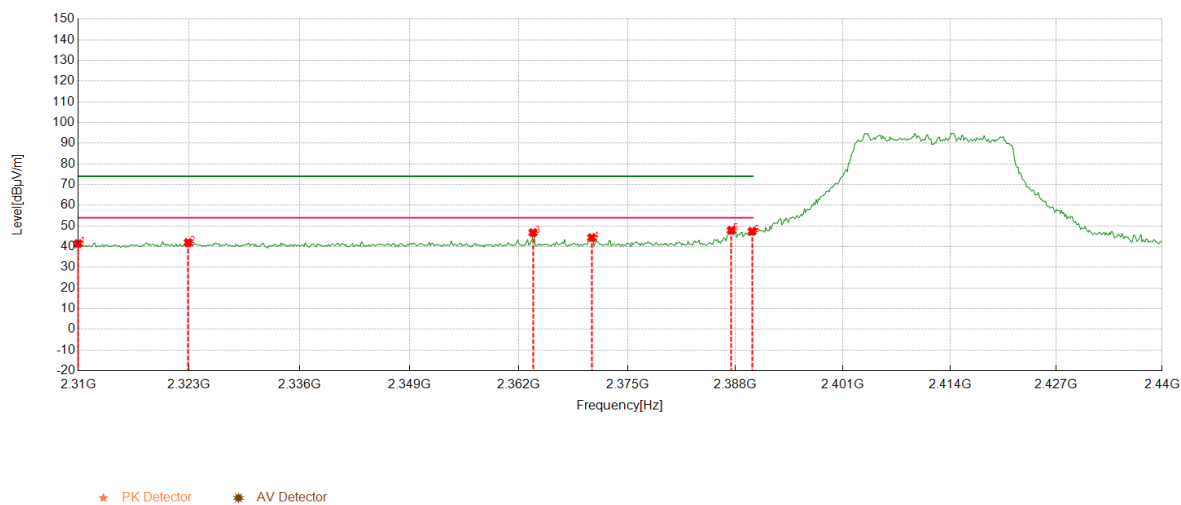
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2483.5000       | 43.66            | 47.12          | 3.46        | 74.00          | 26.88       | 150         | 150       | PK  | Horizontal | PASS    |
| 2   | 2485.1000       | 44.20            | 47.73          | 3.53        | 74.00          | 26.27       | 150         | 244       | PK  | Horizontal | PASS    |
| 3   | 2489.3500       | 43.26            | 46.82          | 3.56        | 74.00          | 27.18       | 150         | 153       | PK  | Horizontal | PASS    |
| 4   | 2491.9000       | 42.01            | 45.57          | 3.56        | 74.00          | 28.43       | 150         | 150       | PK  | Horizontal | PASS    |
| 5   | 2495.5000       | 41.31            | 44.87          | 3.56        | 74.00          | 29.13       | 150         | 232       | PK  | Horizontal | PASS    |
| 6   | 2500.0000       | 38.28            | 41.78          | 3.50        | 74.00          | 32.22       | 150         | 170       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2412 MHz

**Test Graph**

**Suspected Data List**

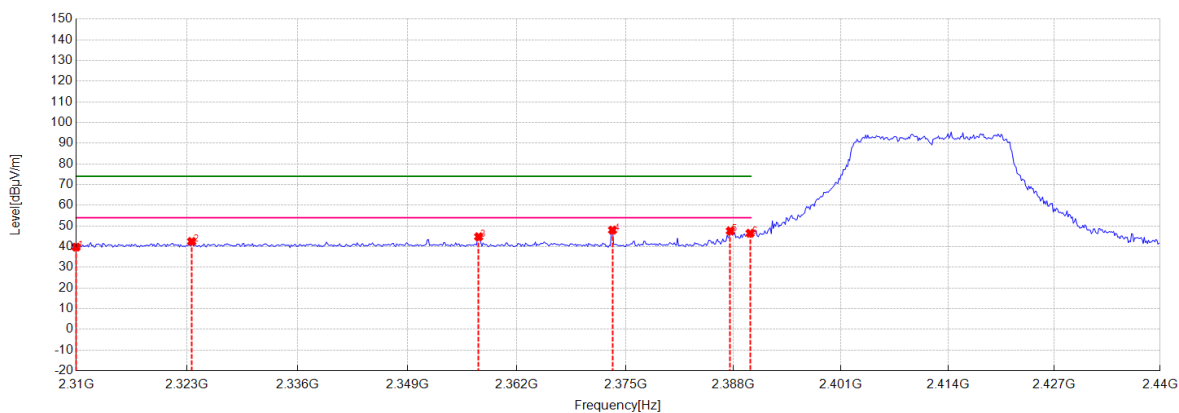
| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|----------|---------|
| 1   | 2310.0000       | 38.77            | 41.44          | 2.67        | 74.00          | 32.56       | 150         | 120       | PK  | Vertical | PASS    |
| 2   | 2322.8700       | 39.10            | 41.97          | 2.87        | 74.00          | 32.03       | 150         | 182       | PK  | Vertical | PASS    |
| 3   | 2363.6900       | 43.79            | 46.73          | 2.94        | 74.00          | 27.27       | 150         | 356       | PK  | Vertical | PASS    |
| 4   | 2370.7100       | 41.32            | 44.36          | 3.04        | 74.00          | 29.64       | 150         | 199       | PK  | Vertical | PASS    |
| 5   | 2387.4800       | 44.94            | 47.88          | 2.94        | 74.00          | 26.12       | 150         | 102       | PK  | Vertical | PASS    |
| 6   | 2390.0000       | 44.46            | 47.41          | 2.95        | 74.00          | 26.59       | 150         | 81        | PK  | Vertical | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2412 MHz

**Test Graph**


★ PK Detector    ★ AV Detector

**Suspected Data List**

| NO. | Frequency [MHz] | Reading [dBμV/m] | Level [dBμV/m] | Factor [dB] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Det | Polarity   | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------------|-------------|-------------|-----------|-----|------------|---------|
| 1   | 2310.0000       | 37.09            | 39.76          | 2.67        | 74.00          | 34.24       | 150         | 26        | PK  | Horizontal | PASS    |
| 2   | 2323.5200       | 39.63            | 42.49          | 2.86        | 74.00          | 31.51       | 150         | 255       | PK  | Horizontal | PASS    |
| 3   | 2357.4500       | 41.82            | 44.77          | 2.95        | 74.00          | 29.23       | 150         | 154       | PK  | Horizontal | PASS    |
| 4   | 2373.4400       | 44.99            | 47.99          | 3.00        | 74.00          | 26.01       | 150         | 4         | PK  | Horizontal | PASS    |
| 5   | 2387.6100       | 44.66            | 47.60          | 2.94        | 74.00          | 26.40       | 150         | 164       | PK  | Horizontal | PASS    |
| 6   | 2390.0000       | 43.51            | 46.46          | 2.95        | 74.00          | 27.54       | 150         | 360       | PK  | Horizontal | PASS    |

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level