

# 11G\_Ant1\_2412\_30~1000



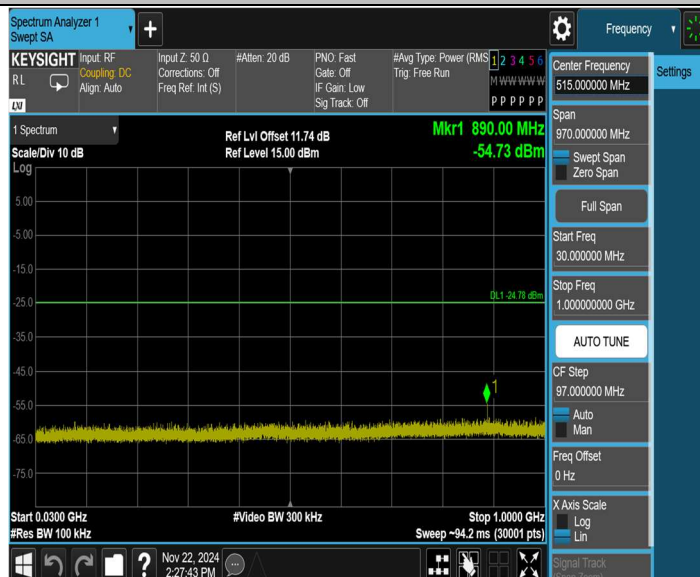
# 11G\_Ant1\_2412\_1000~26500



# 11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000



11G\_Ant1\_2437\_1000~26500



# 11G\_Ant1\_2462\_0~Reference



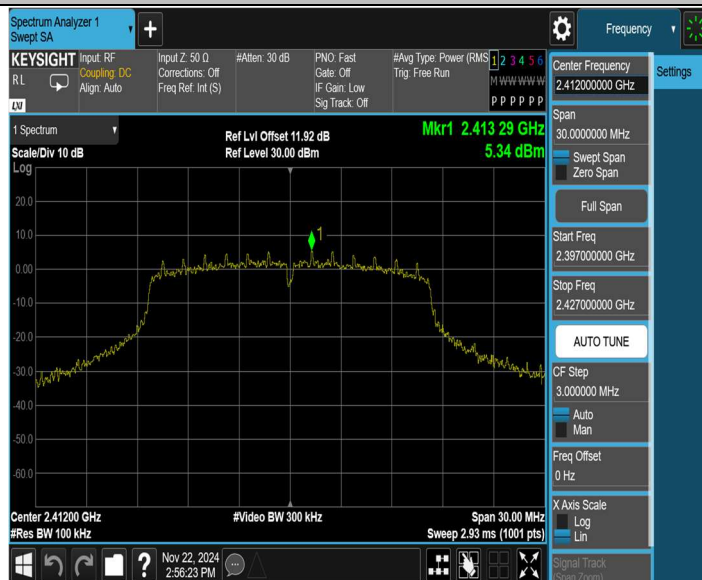
# 11G\_Ant1\_2462\_30~1000



# 11G\_Ant1\_2462\_1000~26500



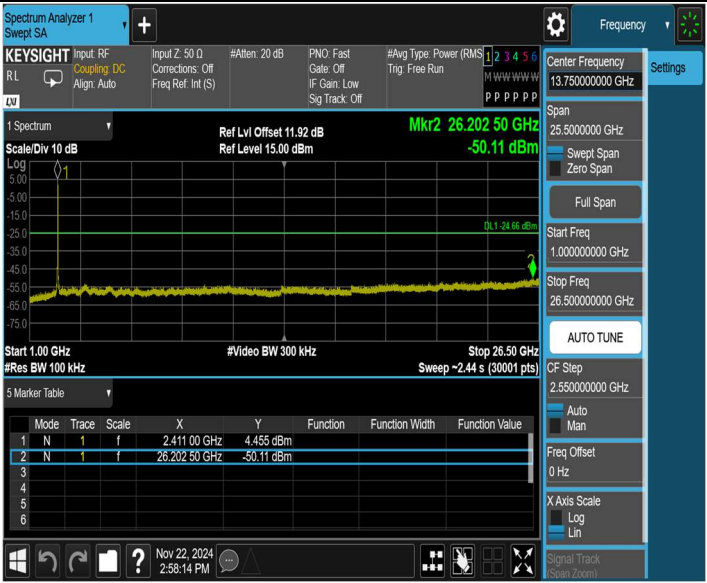
11N20SISO\_Ant1\_2412\_0~Reference



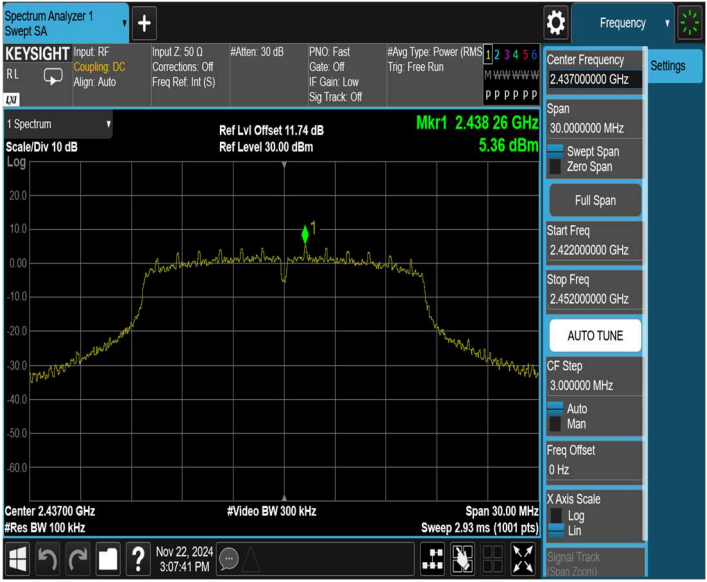
11N20SISO\_Ant1\_2412\_30~1000



11N20SISO\_Ant1\_2412\_1000~26500



11N20SISO\_Ant1\_2437\_0~Reference



11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant1\_2462\_0~Reference



# 11N20SISO\_Ant1\_2462\_30~1000



# 11N20SISO\_Ant1\_2462\_1000~26500



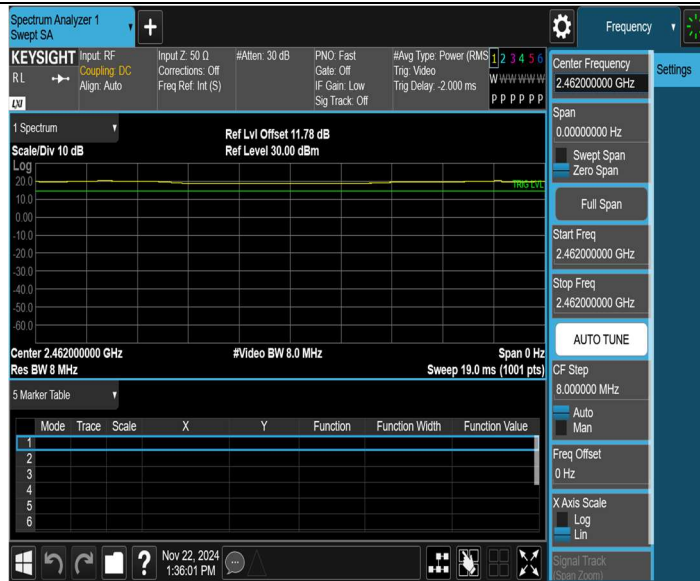
## Appendix G: Duty Cycle

### Test Result

| TestMode      | Antenna | Frequency[MHz] | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty Cycle<br>[%] |
|---------------|---------|----------------|-------------------------------|-----------------------------|-------------------|
| 11B           | Ant1    | 2412           | 19.00                         | 19.00                       | 100.00            |
|               |         | 2437           | 8.61                          | 8.63                        | 99.77             |
|               |         | 2462           | 19.00                         | 19.00                       | 100.00            |
| 11G           | Ant1    | 2412           | 1.43                          | 1.45                        | 98.62             |
|               |         | 2437           | 1.43                          | 1.45                        | 98.62             |
|               |         | 2462           | 1.43                          | 1.45                        | 98.62             |
| 11N20SIS<br>O | Ant1    | 2412           | 1.43                          | 1.45                        | 98.62             |
|               |         | 2437           | 1.43                          | 1.45                        | 98.62             |
|               |         | 2462           | 1.43                          | 1.45                        | 98.62             |

Test Graphs

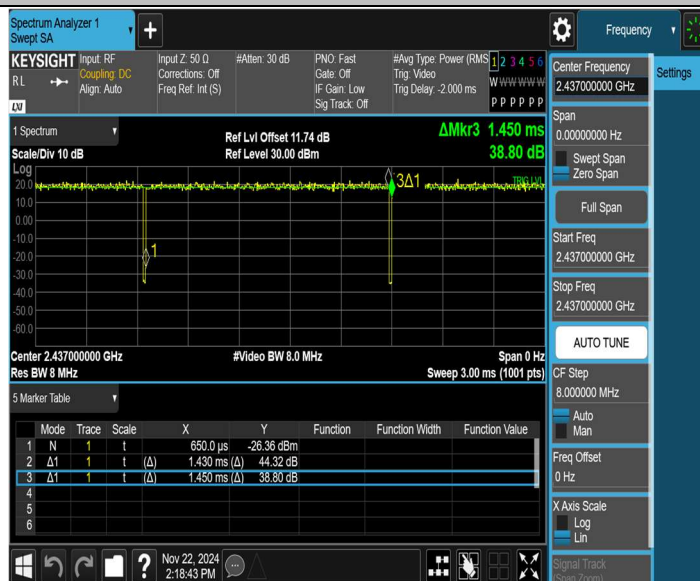




11G\_Ant1\_2412



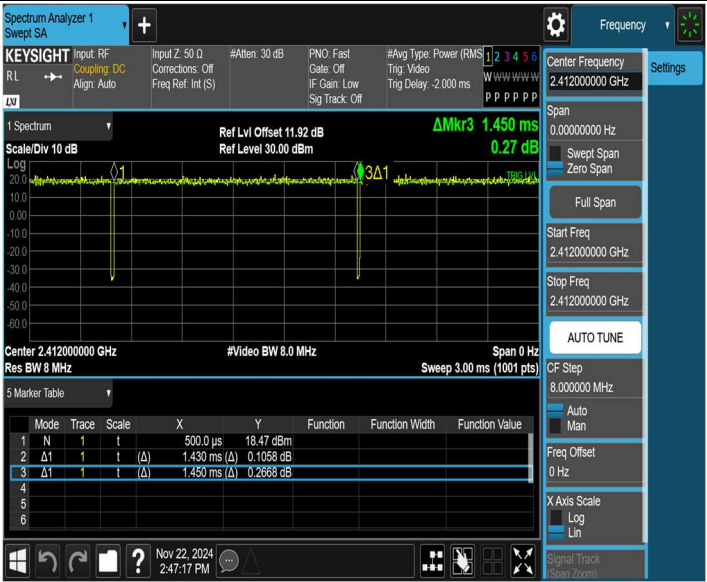
11G\_Ant1\_2437



11G\_Ant1\_2462



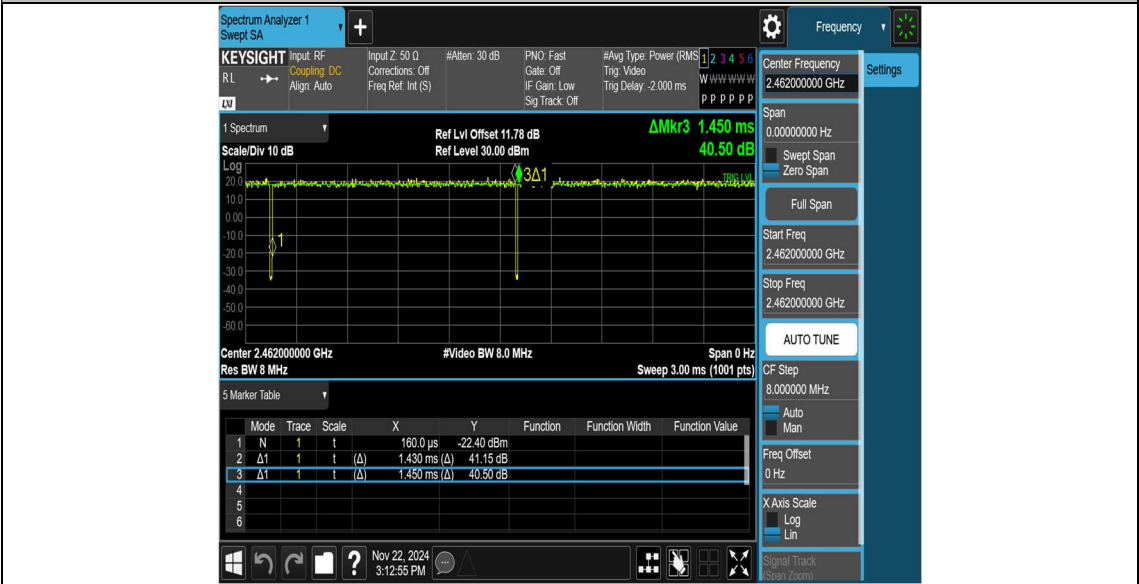
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437

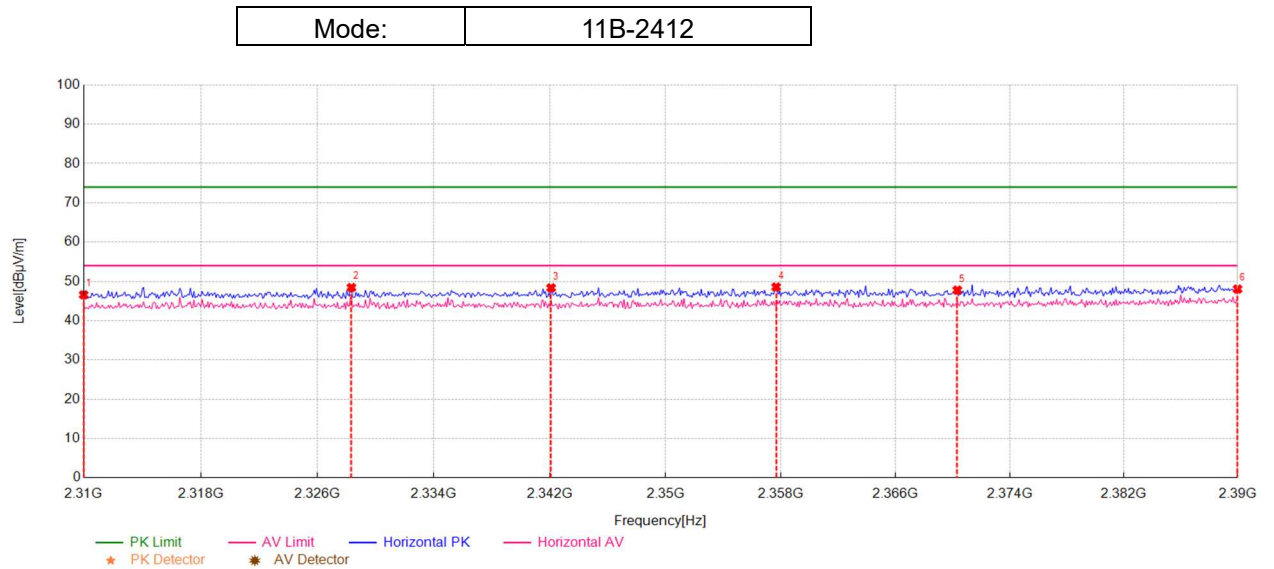


11N20SISO\_Ant1\_2462



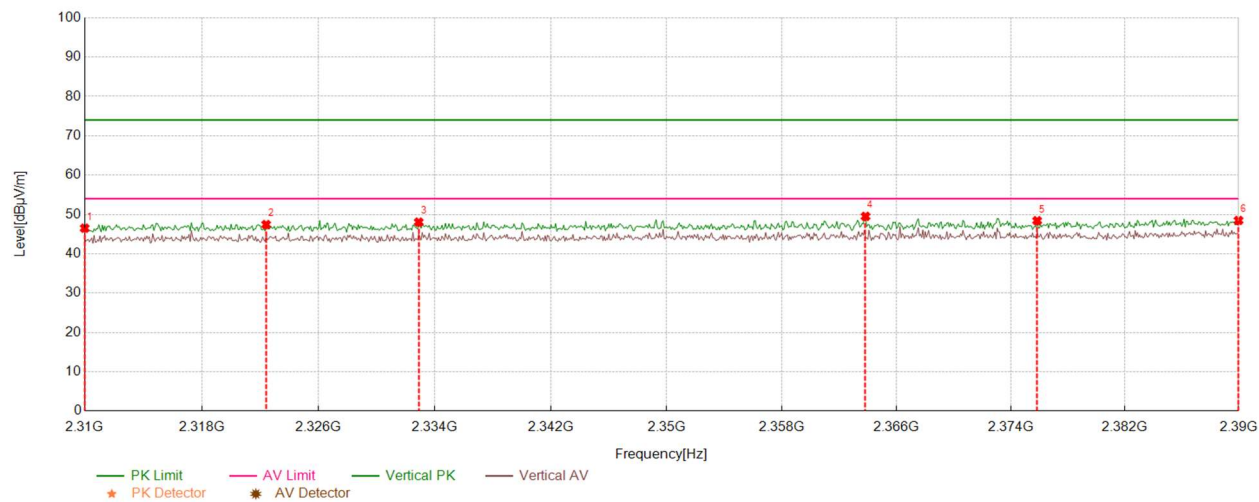
## Appendix H: Emissions in Restricted Bands

### Test Result



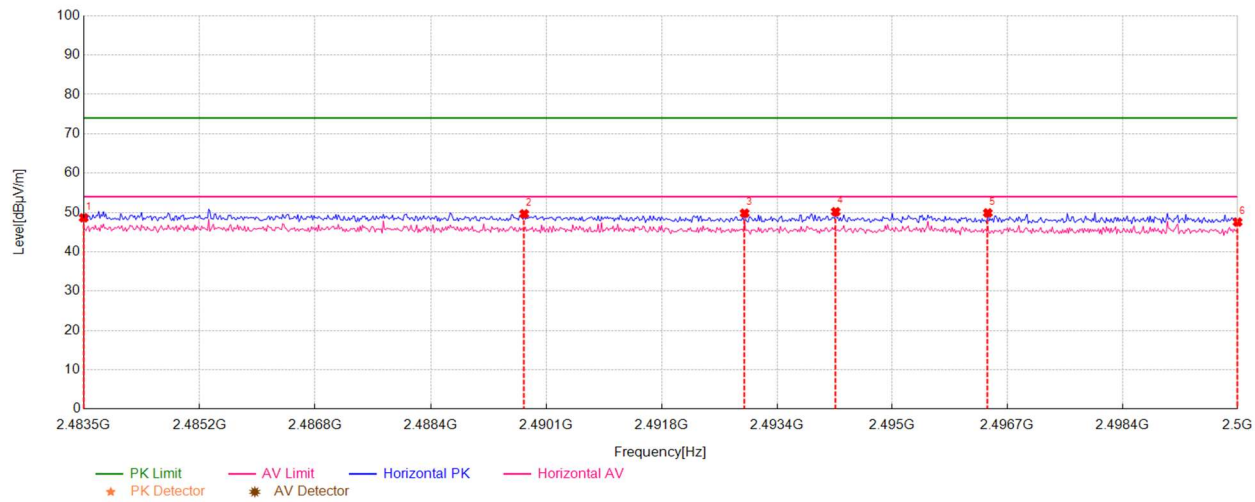
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2310        | 46.59          | 6.68          | 74.00          | 27.41       | 150         | 284       | Horizontal |
| 2   | 2328.32     | 48.45          | 6.78          | 74.00          | 25.55       | 150         | 121       | Horizontal |
| 3   | 2342.08     | 48.36          | 6.93          | 74.00          | 25.64       | 150         | 133       | Horizontal |
| 4   | 2357.68     | 48.58          | 7.04          | 74.00          | 25.42       | 150         | 151       | Horizontal |
| 5   | 2370.32     | 47.78          | 7.22          | 74.00          | 26.22       | 150         | 24        | Horizontal |
| 6   | 2390        | 48.05          | 8.15          | 74.00          | 25.95       | 150         | 219       | Horizontal |

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| Mode: | 11B-2412 |
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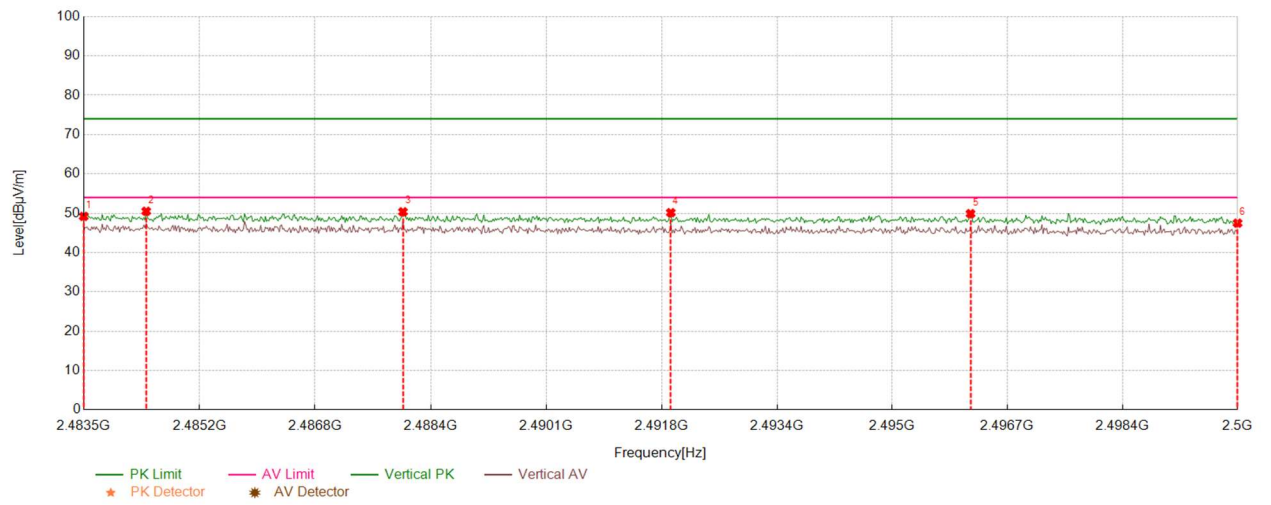
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2310        | 46.50          | 6.68          | 74.00          | 27.50       | 150         | 64        | Vertical |
| 2   | 2322.4      | 47.43          | 6.81          | 74.00          | 26.57       | 150         | 230       | Vertical |
| 3   | 2332.88     | 48.05          | 6.90          | 74.00          | 25.95       | 150         | 344       | Vertical |
| 4   | 2363.84     | 49.51          | 7.11          | 74.00          | 24.49       | 150         | 91        | Vertical |
| 5   | 2375.84     | 48.42          | 7.60          | 74.00          | 25.58       | 150         | 161       | Vertical |
| 6   | 2390        | 48.47          | 8.15          | 74.00          | 25.53       | 150         | 335       | Vertical |

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| Mode: | 11B-2462 |
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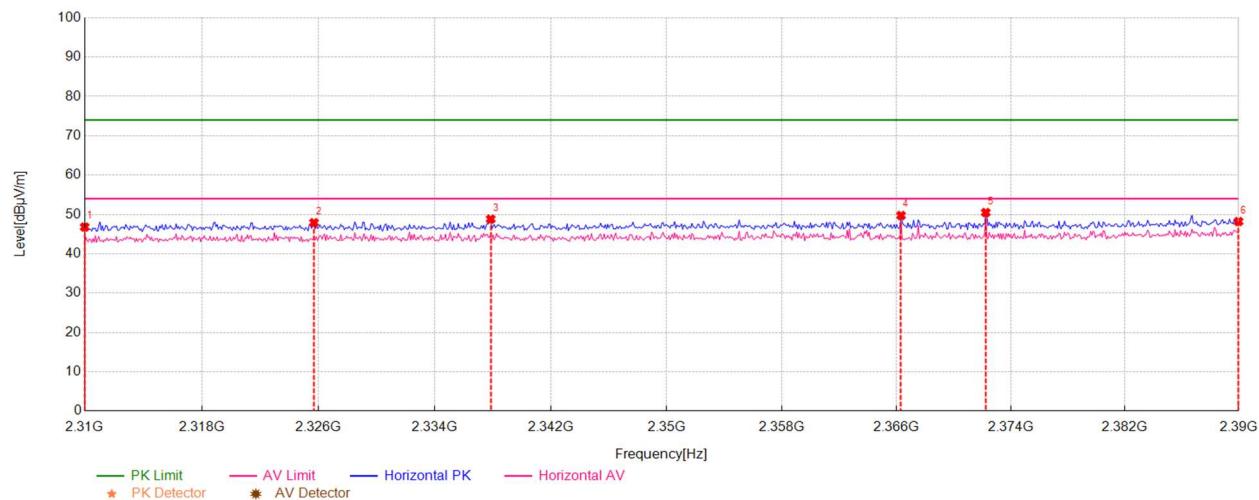
| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 2483.5         | 48.63             | 8.67             | 74.00             | 25.37          | 150            | 292          | Horizontal |
| 2   | 2489.78        | 49.64             | 8.34             | 74.00             | 24.36          | 150            | 12           | Horizontal |
| 3   | 2492.93        | 49.81             | 8.51             | 74.00             | 24.19          | 150            | 318          | Horizontal |
| 4   | 2494.24        | 50.17             | 8.58             | 74.00             | 23.83          | 150            | 224          | Horizontal |
| 5   | 2496.41        | 49.88             | 8.44             | 74.00             | 24.12          | 150            | 306          | Horizontal |
| 6   | 2500           | 47.55             | 8.20             | 74.00             | 26.45          | 150            | 244          | Horizontal |

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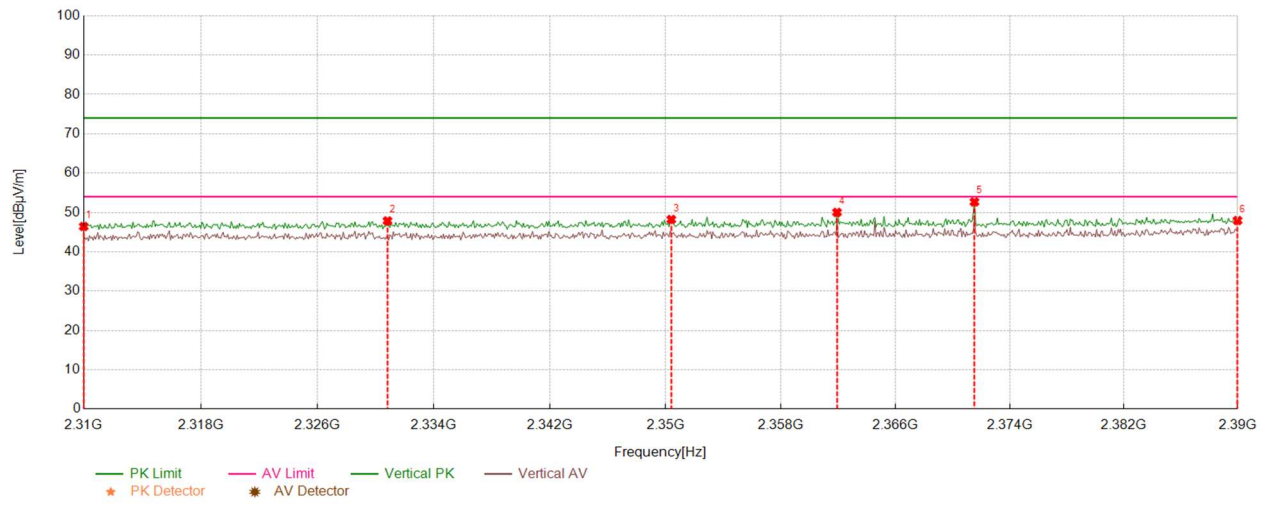
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2483.5      | 49.19          | 8.67          | 74.00          | 24.81       | 150         | 144       | Vertical |
| 2   | 2484.39     | 50.49          | 8.59          | 74.00          | 23.51       | 150         | 356       | Vertical |
| 3   | 2488.05     | 50.36          | 8.27          | 74.00          | 23.64       | 150         | 230       | Vertical |
| 4   | 2491.88     | 50.14          | 8.47          | 74.00          | 23.86       | 150         | 98        | Vertical |
| 5   | 2496.17     | 49.89          | 8.45          | 74.00          | 24.11       | 150         | 105       | Vertical |
| 6   | 2500        | 47.48          | 8.20          | 74.00          | 26.52       | 150         | 66        | Vertical |

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| Mode: | 11G-2412 |
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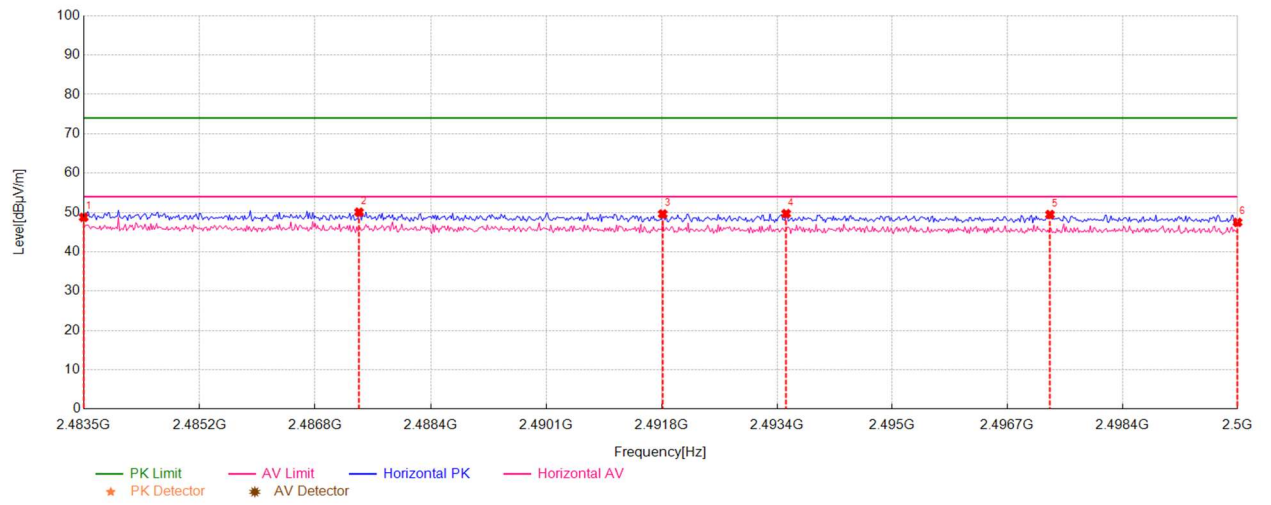
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|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2310        | 46.80          | 6.68          | 74.00          | 27.20       | 150         | 98        | Horizontal |
| 2   | 2325.68     | 47.91          | 6.78          | 74.00          | 26.09       | 150         | 235       | Horizontal |
| 3   | 2337.84     | 48.82          | 6.85          | 74.00          | 25.18       | 150         | 14        | Horizontal |
| 4   | 2366.32     | 49.74          | 7.17          | 74.00          | 24.26       | 150         | 217       | Horizontal |
| 5   | 2372.24     | 50.49          | 7.31          | 74.00          | 23.51       | 150         | 211       | Horizontal |
| 6   | 2390        | 48.20          | 8.15          | 74.00          | 25.80       | 150         | 166       | Horizontal |

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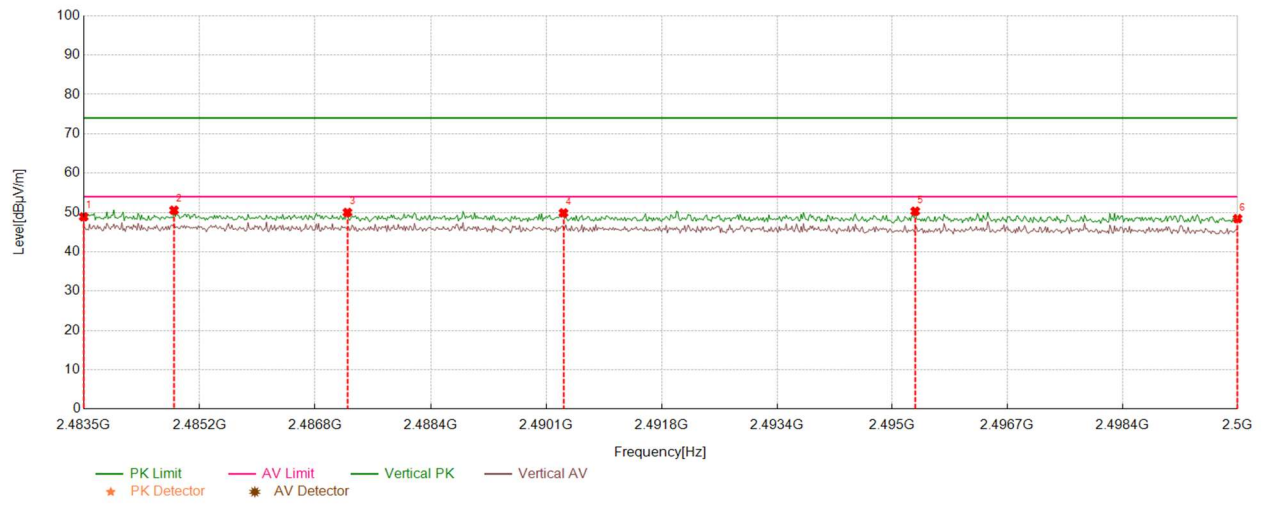
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2310        | 46.43          | 6.68          | 74.00          | 27.57       | 150         | 13        | Vertical |
| 2   | 2330.8      | 47.85          | 6.84          | 74.00          | 26.15       | 150         | 225       | Vertical |
| 3   | 2350.4      | 48.22          | 6.89          | 74.00          | 25.78       | 150         | 131       | Vertical |
| 4   | 2361.92     | 50.02          | 7.11          | 74.00          | 23.98       | 150         | 195       | Vertical |
| 5   | 2371.52     | 52.67          | 7.26          | 74.00          | 21.33       | 150         | 213       | Vertical |
| 6   | 2390        | 47.94          | 8.15          | 74.00          | 26.06       | 150         | 198       | Vertical |

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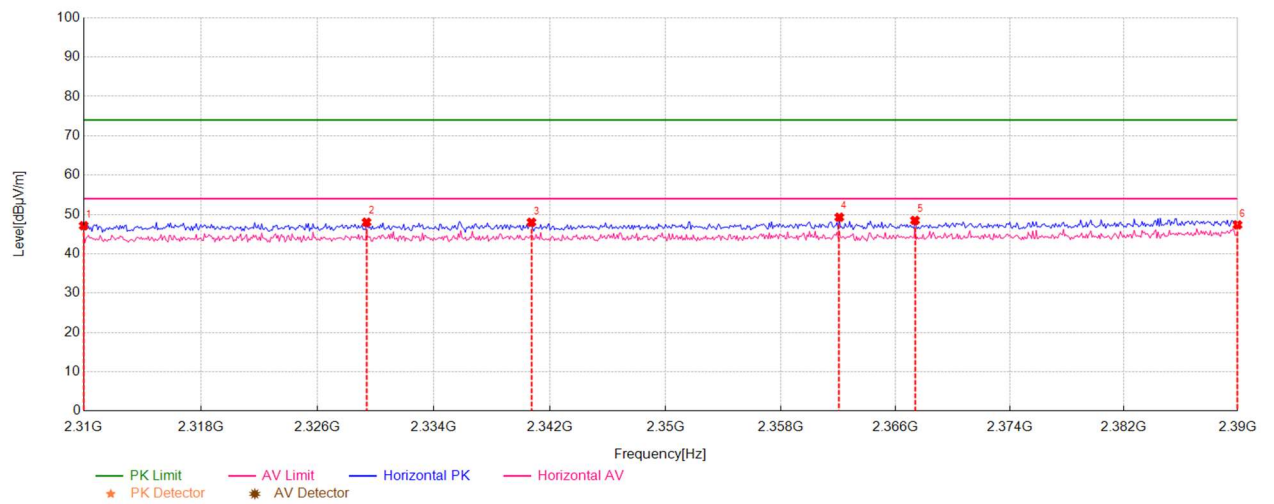
| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 2483.5         | 48.76             | 8.67             | 74.00             | 25.24          | 150            | 132          | Horizontal |
| 2   | 2487.42        | 50.06             | 8.34             | 74.00             | 23.94          | 150            | 263          | Horizontal |
| 3   | 2491.76        | 49.62             | 8.47             | 74.00             | 24.38          | 150            | 64           | Horizontal |
| 4   | 2493.53        | 49.70             | 8.55             | 74.00             | 24.30          | 150            | 355          | Horizontal |
| 5   | 2497.31        | 49.47             | 8.35             | 74.00             | 24.53          | 150            | 287          | Horizontal |
| 6   | 2500           | 47.48             | 8.20             | 74.00             | 26.52          | 150            | 234          | Horizontal |

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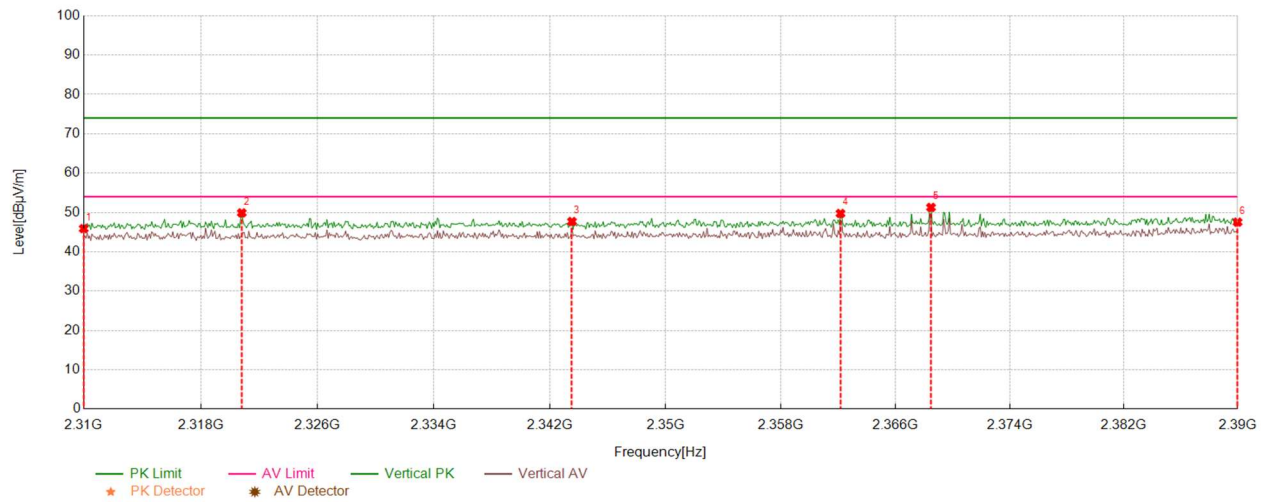
| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 2483.5         | 48.88             | 8.67             | 74.00             | 25.12          | 150            | 95           | Vertical |
| 2   | 2484.78        | 50.56             | 8.57             | 74.00             | 23.44          | 150            | 16           | Vertical |
| 3   | 2487.26        | 50.01             | 8.37             | 74.00             | 23.99          | 150            | 235          | Vertical |
| 4   | 2490.34        | 49.88             | 8.37             | 74.00             | 24.12          | 150            | 32           | Vertical |
| 5   | 2495.38        | 50.31             | 8.50             | 74.00             | 23.69          | 150            | 317          | Vertical |
| 6   | 2500           | 48.42             | 8.20             | 74.00             | 25.58          | 150            | 148          | Vertical |

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| Mode: | 11N20-2412 |
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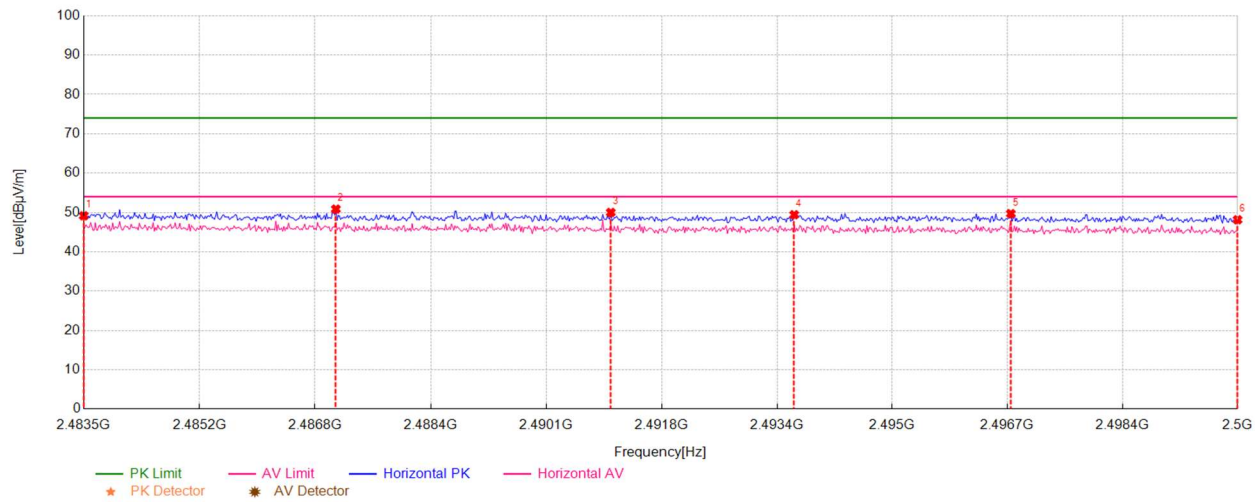
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|------------|
| 1   | 2310        | 47.12          | 6.68          | 74.00          | 26.88       | 150         | 19        | Horizontal |
| 2   | 2329.36     | 48.02          | 6.80          | 74.00          | 25.98       | 150         | 276       | Horizontal |
| 3   | 2340.72     | 48.01          | 6.82          | 74.00          | 25.99       | 150         | 202       | Horizontal |
| 4   | 2362.08     | 49.29          | 7.12          | 74.00          | 24.71       | 150         | 232       | Horizontal |
| 5   | 2367.36     | 48.49          | 7.17          | 74.00          | 25.51       | 150         | 10        | Horizontal |
| 6   | 2390        | 47.35          | 8.15          | 74.00          | 26.65       | 150         | 19        | Horizontal |

Mode: 11N20-2412



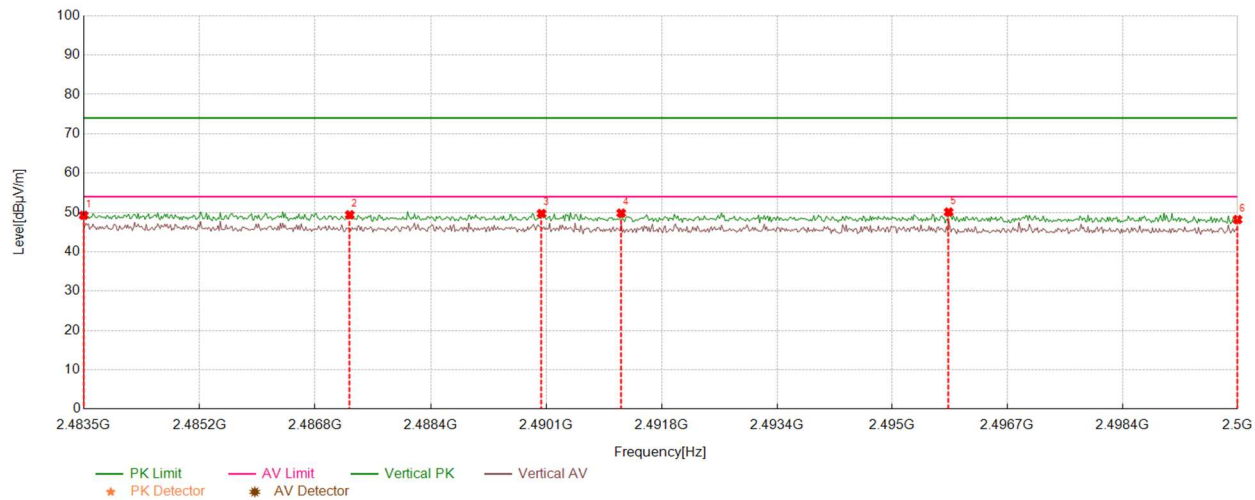
| NO. | Freq. [MHz] | Level [dBμV/m] | Factor [dB/m] | Limit [dBμV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|-------------|----------------|---------------|----------------|-------------|-------------|-----------|----------|
| 1   | 2310        | 45.89          | 6.68          | 74.00          | 28.11       | 150         | 110       | Vertical |
| 2   | 2320.8      | 49.89          | 6.79          | 74.00          | 24.11       | 150         | 142       | Vertical |
| 3   | 2343.52     | 47.69          | 6.94          | 74.00          | 26.31       | 150         | 175       | Vertical |
| 4   | 2362.16     | 49.74          | 7.12          | 74.00          | 24.26       | 150         | 45        | Vertical |
| 5   | 2368.48     | 51.28          | 7.16          | 74.00          | 22.72       | 150         | 195       | Vertical |
| 6   | 2390        | 47.52          | 8.15          | 74.00          | 26.48       | 150         | 263       | Vertical |

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| Mode: | 11N20-2462 |
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| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 2483.5         | 49.16             | 8.67             | 74.00             | 24.84          | 150            | 246          | Horizontal |
| 2   | 2487.09        | 50.85             | 8.39             | 74.00             | 23.15          | 150            | 339          | Horizontal |
| 3   | 2491.02        | 50.00             | 8.42             | 74.00             | 24.00          | 150            | 147          | Horizontal |
| 4   | 2493.64        | 49.41             | 8.56             | 74.00             | 24.59          | 150            | 38           | Horizontal |
| 5   | 2496.74        | 49.69             | 8.41             | 74.00             | 24.31          | 150            | 294          | Horizontal |
| 6   | 2500           | 48.14             | 8.20             | 74.00             | 25.86          | 150            | 86           | Horizontal |

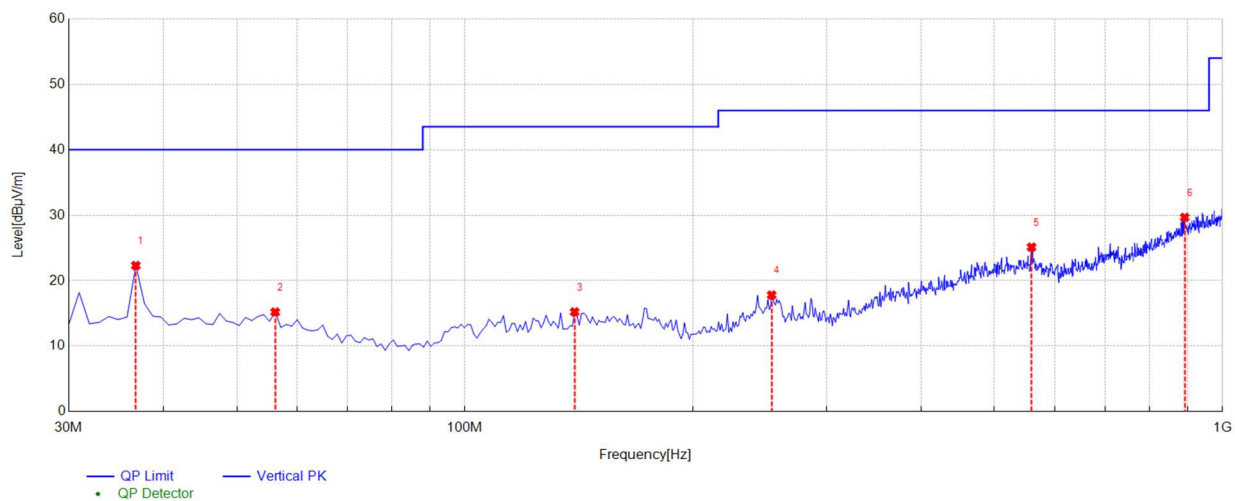
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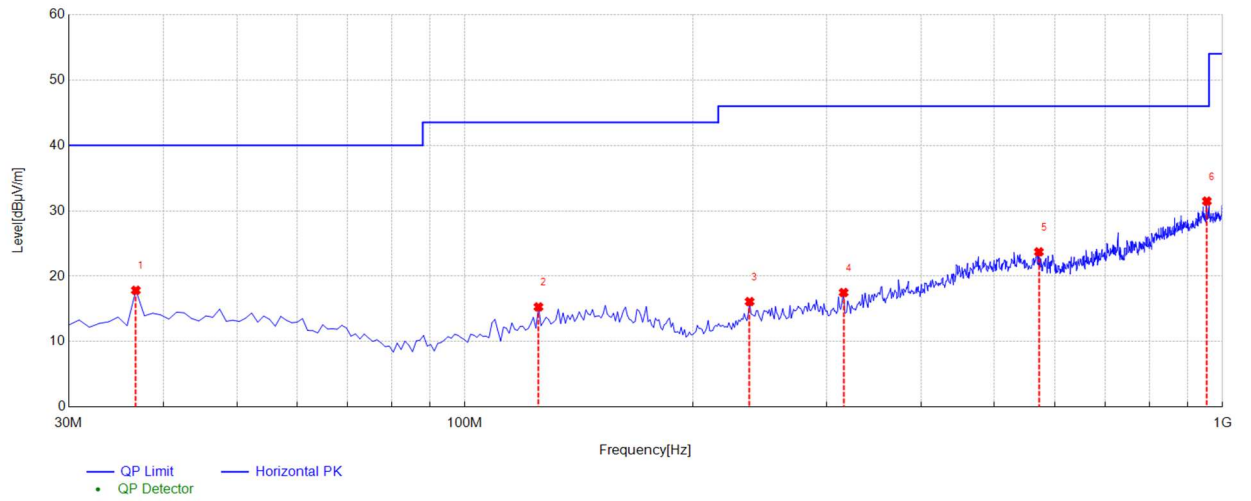
| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 2483.5         | 49.25             | 8.67             | 74.00             | 24.75          | 150            | 92           | Vertical |
| 2   | 2487.29        | 49.39             | 8.36             | 74.00             | 24.61          | 150            | 53           | Vertical |
| 3   | 2490.03        | 49.72             | 8.34             | 74.00             | 24.28          | 150            | 132          | Vertical |
| 4   | 2491.17        | 49.82             | 8.43             | 74.00             | 24.18          | 150            | 44           | Vertical |
| 5   | 2495.85        | 50.09             | 8.47             | 74.00             | 23.91          | 150            | 144          | Vertical |
| 6   | 2500           | 48.18             | 8.20             | 74.00             | 25.82          | 150            | 212          | Vertical |

# Appendix I: Spurious emissions

## Test Result



| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity | Verdict |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|---------|
| 1   | 36.7900        | 22.32             | -16.27           | 40.00             | 17.68          | 100            | 334          | Vertical | PASS    |
| 2   | 56.1900        | 15.22             | -16.37           | 40.00             | 24.78          | 100            | 284          | Vertical | PASS    |
| 3   | 139.610        | 15.24             | -16.46           | 43.50             | 28.26          | 100            | 101          | Vertical | PASS    |
| 4   | 254.070        | 17.82             | -17.26           | 46.00             | 28.18          | 100            | 107          | Vertical | PASS    |
| 5   | 559.620        | 25.12             | -9.84            | 46.00             | 20.88          | 100            | 13           | Vertical | PASS    |
| 6   | 891.360        | 29.67             | -2.51            | 46.00             | 16.33          | 100            | 270          | Vertical | PASS    |



| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   | Verdict |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|---------|
| 1   | 36.7900        | 17.86             | -16.27           | 40.00             | 22.14          | 100            | 12           | Horizontal | PASS    |
| 2   | 125.060        | 15.32             | -17.40           | 43.50             | 28.18          | 100            | 12           | Horizontal | PASS    |
| 3   | 237.580        | 16.13             | -17.29           | 46.00             | 29.87          | 100            | 350          | Horizontal | PASS    |
| 4   | 316.150        | 17.52             | -15.69           | 46.00             | 28.48          | 100            | 78           | Horizontal | PASS    |
| 5   | 572.230        | 23.73             | -9.56            | 46.00             | 22.27          | 100            | 220          | Horizontal | PASS    |
| 6   | 953.440        | 31.48             | -1.32            | 46.00             | 14.52          | 100            | 330          | Horizontal | PASS    |

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| Mode: | 11B-2412 |
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| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1224           | 43.26             | 2.16             | 74.00             | 30.74          | 150            | 273          | Horizontal |
| 2   | 1808           | 46.39             | 4.93             | 74.00             | 27.61          | 150            | 190          | Horizontal |
| 3   | 4080           | 42.84             | -16.85           | 74.00             | 31.16          | 150            | 278          | Horizontal |
| 4   | 6399           | 43.79             | -12.00           | 74.00             | 30.21          | 150            | 105          | Horizontal |
| 5   | 11103          | 48.64             | -5.63            | 74.00             | 25.36          | 150            | 101          | Horizontal |
| 6   | 14382          | 48.98             | -1.14            | 74.00             | 25.02          | 150            | 320          | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1304           | 42.61             | 2.34             | 74.00             | 31.39          | 150            | 319          | Vertical |
| 2   | 1956           | 46.02             | 5.65             | 74.00             | 27.98          | 150            | 14           | Vertical |
| 3   | 3993           | 42.77             | -16.59           | 74.00             | 31.23          | 150            | 341          | Vertical |
| 4   | 5274           | 45.14             | -13.94           | 74.00             | 28.86          | 150            | 109          | Vertical |
| 5   | 9210           | 45.74             | -8.79            | 74.00             | 28.26          | 150            | 344          | Vertical |
| 6   | 13344          | 48.63             | -2.91            | 74.00             | 25.37          | 150            | 347          | Vertical |

|       |          |
|-------|----------|
| Mode: | 11B-2437 |
|-------|----------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1386           | 42.39             | 2.00             | 74.00             | 31.61          | 150            | 217          | Horizontal |
| 2   | 1808           | 45.55             | 4.93             | 74.00             | 28.45          | 150            | 301          | Horizontal |
| 3   | 5313           | 43.44             | -13.70           | 74.00             | 30.56          | 150            | 301          | Horizontal |
| 4   | 6999           | 43.66             | -11.76           | 74.00             | 30.34          | 150            | 37           | Horizontal |
| 5   | 9804           | 46.64             | -7.92            | 74.00             | 27.36          | 150            | 182          | Horizontal |
| 6   | 12105          | 48.40             | -3.76            | 74.00             | 25.60          | 150            | 87           | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1318           | 42.61             | 2.27             | 74.00             | 31.39          | 150            | 235          | Vertical |
| 2   | 1922           | 46.78             | 5.65             | 74.00             | 27.22          | 150            | 215          | Vertical |
| 3   | 3945           | 43.60             | -17.20           | 74.00             | 30.40          | 150            | 51           | Vertical |
| 4   | 5265           | 46.08             | -14.01           | 74.00             | 27.92          | 150            | 182          | Vertical |
| 5   | 6585           | 47.98             | -12.33           | 74.00             | 26.02          | 150            | 194          | Vertical |
| 6   | 10227          | 45.98             | -7.52            | 74.00             | 28.02          | 150            | 25           | Vertical |

|       |          |
|-------|----------|
| Mode: | 11B-2462 |
|-------|----------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1270           | 42.75             | 2.26             | 74.00             | 31.25          | 150            | 94           | Horizontal |
| 2   | 1880           | 45.24             | 5.55             | 74.00             | 28.76          | 150            | 350          | Horizontal |
| 3   | 4104           | 42.67             | -16.83           | 74.00             | 31.33          | 150            | 343          | Horizontal |
| 4   | 6414           | 43.74             | -12.15           | 74.00             | 30.26          | 150            | 260          | Horizontal |
| 5   | 9462           | 44.59             | -8.81            | 74.00             | 29.41          | 150            | 86           | Horizontal |
| 6   | 11184          | 46.90             | -5.62            | 74.00             | 27.10          | 150            | 299          | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1314           | 43.16             | 2.28             | 74.00             | 30.84          | 150            | 250          | Vertical |
| 2   | 1716           | 43.46             | 3.43             | 74.00             | 30.54          | 150            | 250          | Vertical |
| 3   | 3954           | 46.10             | -17.22           | 74.00             | 27.90          | 150            | 226          | Vertical |
| 4   | 5265           | 45.61             | -14.01           | 74.00             | 28.39          | 150            | 203          | Vertical |
| 5   | 8598           | 44.44             | -10.77           | 74.00             | 29.56          | 150            | 238          | Vertical |
| 6   | 12111          | 48.06             | -3.89            | 74.00             | 25.94          | 150            | 288          | Vertical |

|       |          |
|-------|----------|
| Mode: | 11G-2412 |
|-------|----------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1338           | 43.35             | 2.15             | 74.00             | 30.65          | 150            | 316          | Horizontal |
| 2   | 2090           | 45.84             | 6.05             | 74.00             | 28.16          | 150            | 72           | Horizontal |
| 3   | 3945           | 43.39             | -17.20           | 74.00             | 30.61          | 150            | 4            | Horizontal |
| 4   | 6435           | 44.60             | -12.37           | 74.00             | 29.40          | 150            | 113          | Horizontal |
| 5   | 8973           | 45.42             | -9.66            | 74.00             | 28.58          | 150            | 294          | Horizontal |
| 6   | 14328          | 50.47             | -0.84            | 74.00             | 23.53          | 150            | 98           | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1316           | 43.09             | 2.28             | 74.00             | 30.91          | 150            | 230          | Vertical |
| 2   | 1910           | 45.21             | 5.67             | 74.00             | 28.79          | 150            | 353          | Vertical |
| 3   | 3954           | 45.66             | -17.22           | 74.00             | 28.34          | 150            | 183          | Vertical |
| 4   | 5268           | 44.86             | -13.98           | 74.00             | 29.14          | 150            | 132          | Vertical |
| 5   | 6588           | 46.42             | -12.35           | 74.00             | 27.58          | 150            | 198          | Vertical |
| 6   | 11211          | 48.19             | -5.68            | 74.00             | 25.81          | 150            | 192          | Vertical |

|       |          |
|-------|----------|
| Mode: | 11G-2437 |
|-------|----------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1372           | 43.12             | 2.04             | 74.00             | 30.88          | 150            | 263          | Horizontal |
| 2   | 1998           | 49.52             | 5.92             | 74.00             | 24.48          | 150            | 152          | Horizontal |
| 3   | 4662           | 43.37             | -15.28           | 74.00             | 30.63          | 150            | 165          | Horizontal |
| 4   | 5724           | 44.03             | -13.40           | 74.00             | 29.97          | 150            | 333          | Horizontal |
| 5   | 7266           | 44.60             | -11.81           | 74.00             | 29.40          | 150            | 205          | Horizontal |
| 6   | 11556          | 47.53             | -5.44            | 74.00             | 26.47          | 150            | 193          | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1442           | 43.14             | 1.93             | 74.00             | 30.86          | 150            | 43           | Vertical |
| 2   | 1920           | 47.54             | 5.66             | 74.00             | 26.46          | 150            | 43           | Vertical |
| 3   | 3945           | 44.97             | -17.20           | 74.00             | 29.03          | 150            | 224          | Vertical |
| 4   | 5259           | 45.41             | -14.05           | 74.00             | 28.59          | 150            | 140          | Vertical |
| 5   | 7974           | 44.97             | -10.98           | 74.00             | 29.03          | 150            | 103          | Vertical |
| 6   | 11910          | 47.36             | -4.43            | 74.00             | 26.64          | 150            | 41           | Vertical |

|       |          |
|-------|----------|
| Mode: | 11G-2462 |
|-------|----------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1398           | 42.50             | 1.98             | 74.00             | 31.50          | 150            | 294          | Horizontal |
| 2   | 1976           | 47.06             | 5.77             | 74.00             | 26.94          | 150            | 347          | Horizontal |
| 3   | 4425           | 42.68             | -15.82           | 74.00             | 31.32          | 150            | 106          | Horizontal |
| 4   | 6561           | 44.21             | -12.15           | 74.00             | 29.79          | 150            | 227          | Horizontal |
| 5   | 9741           | 46.32             | -7.78            | 74.00             | 27.68          | 150            | 71           | Horizontal |
| 6   | 13296          | 48.16             | -3.21            | 74.00             | 25.84          | 150            | 356          | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1216           | 42.19             | 2.15             | 74.00             | 31.81          | 150            | 69           | Vertical |
| 2   | 1932           | 47.27             | 5.63             | 74.00             | 26.73          | 150            | 26           | Vertical |
| 3   | 3951           | 44.61             | -17.26           | 74.00             | 29.39          | 150            | 99           | Vertical |
| 4   | 4725           | 45.15             | -14.85           | 74.00             | 28.85          | 150            | 128          | Vertical |
| 5   | 7296           | 44.34             | -11.76           | 74.00             | 29.66          | 150            | 272          | Vertical |
| 6   | 10701          | 46.38             | -6.86            | 74.00             | 27.62          | 150            | 333          | Vertical |

|       |            |
|-------|------------|
| Mode: | 11N20-2412 |
|-------|------------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1438           | 42.56             | 1.94             | 74.00             | 31.44          | 150            | 0            | Horizontal |
| 2   | 1998           | 53.36             | 5.92             | 74.00             | 20.64          | 150            | 330          | Horizontal |
| 3   | 4122           | 42.11             | -16.55           | 74.00             | 31.89          | 150            | 73           | Horizontal |
| 4   | 6441           | 43.53             | -12.43           | 74.00             | 30.47          | 150            | 346          | Horizontal |
| 5   | 9513           | 46.03             | -9.00            | 74.00             | 27.97          | 150            | 81           | Horizontal |
| 6   | 12084          | 48.11             | -3.98            | 74.00             | 25.89          | 150            | 198          | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1498           | 42.13             | 1.75             | 74.00             | 31.87          | 150            | 310          | Vertical |
| 2   | 1998           | 49.42             | 5.92             | 74.00             | 24.58          | 150            | 20           | Vertical |
| 3   | 3942           | 45.30             | -17.16           | 74.00             | 28.70          | 150            | 68           | Vertical |
| 4   | 5247           | 44.94             | -14.12           | 74.00             | 29.06          | 150            | 188          | Vertical |
| 5   | 7692           | 45.09             | -11.50           | 74.00             | 28.91          | 150            | 360          | Vertical |
| 6   | 10785          | 46.30             | -6.64            | 74.00             | 27.70          | 150            | 68           | Vertical |

|       |            |
|-------|------------|
| Mode: | 11N20-2437 |
|-------|------------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1272           | 43.08             | 2.26             | 74.00             | 30.92          | 150            | 68           | Horizontal |
| 2   | 1976           | 45.41             | 5.77             | 74.00             | 28.59          | 150            | 317          | Horizontal |
| 3   | 3816           | 42.13             | -17.00           | 74.00             | 31.87          | 150            | 294          | Horizontal |
| 4   | 4662           | 44.41             | -15.28           | 74.00             | 29.59          | 150            | 174          | Horizontal |
| 5   | 7407           | 44.85             | -11.36           | 74.00             | 29.15          | 150            | 180          | Horizontal |
| 6   | 11139          | 47.94             | -5.65            | 74.00             | 26.06          | 150            | 262          | Horizontal |

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1318           | 43.03             | 2.27             | 74.00             | 30.97          | 150            | 237          | Vertical |
| 2   | 1914           | 46.34             | 5.67             | 74.00             | 27.66          | 150            | 56           | Vertical |
| 3   | 3993           | 44.38             | -16.59           | 74.00             | 29.62          | 150            | 317          | Vertical |
| 4   | 5253           | 46.62             | -14.10           | 74.00             | 27.38          | 150            | 184          | Vertical |
| 5   | 7995           | 44.86             | -11.16           | 74.00             | 29.14          | 150            | 184          | Vertical |
| 6   | 12162          | 47.44             | -4.67            | 74.00             | 26.56          | 150            | 209          | Vertical |

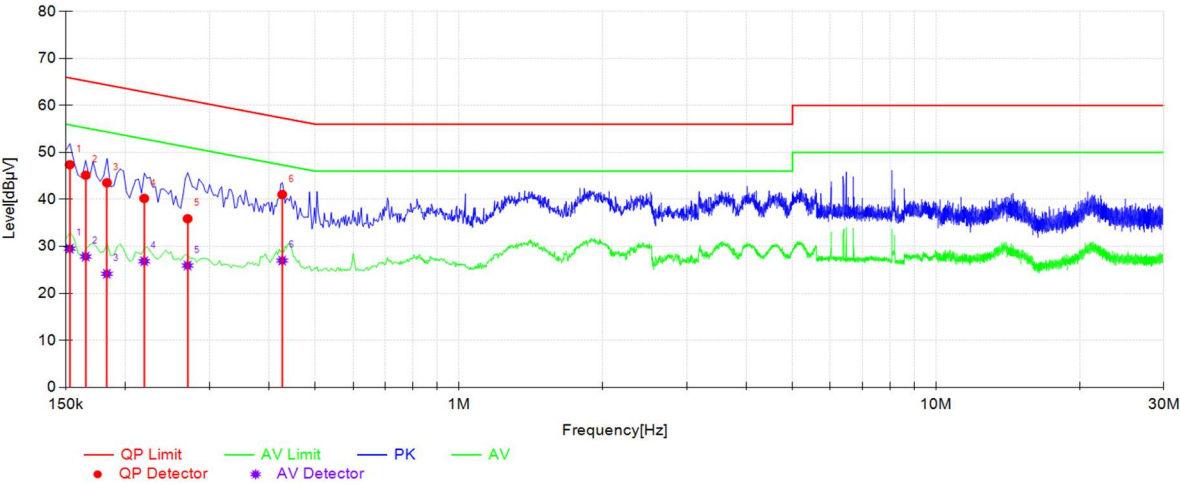
|       |            |
|-------|------------|
| Mode: | 11N20-2462 |
|-------|------------|

| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|------------|
| 1   | 1316           | 42.77             | 2.28             | 74.00             | 31.23          | 150            | 118          | Horizontal |
| 2   | 1916           | 45.77             | 5.66             | 74.00             | 28.23          | 150            | 159          | Horizontal |
| 3   | 4296           | 42.69             | -16.29           | 74.00             | 31.31          | 150            | 132          | Horizontal |
| 4   | 5214           | 43.57             | -14.03           | 74.00             | 30.43          | 150            | 126          | Horizontal |
| 5   | 7662           | 44.42             | -11.18           | 74.00             | 29.58          | 150            | 212          | Horizontal |
| 6   | 11193          | 47.44             | -5.61            | 74.00             | 26.56          | 150            | 299          | Horizontal |

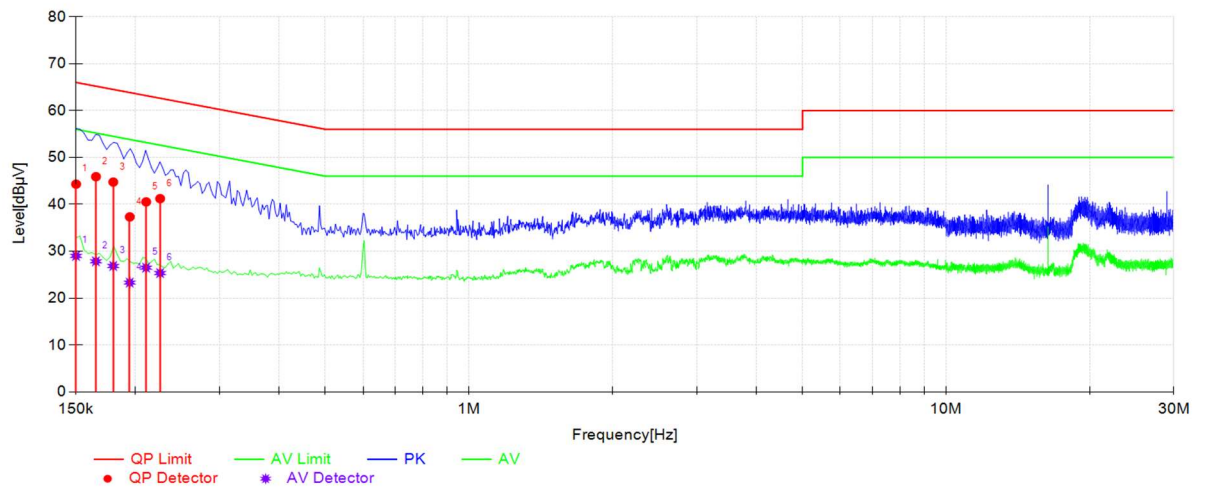
| NO. | Freq.<br>[MHz] | Level<br>[dBμV/m] | Factor<br>[dB/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|----------------|-------------------|------------------|-------------------|----------------|----------------|--------------|----------|
| 1   | 1296           | 43.39             | 2.35             | 74.00             | 30.61          | 150            | 255          | Vertical |
| 2   | 1998           | 47.37             | 5.92             | 74.00             | 26.63          | 150            | 191          | Vertical |
| 3   | 4728           | 47.35             | -14.80           | 74.00             | 26.65          | 150            | 134          | Vertical |
| 4   | 6576           | 46.17             | -12.26           | 74.00             | 27.83          | 150            | 199          | Vertical |
| 5   | 9009           | 44.78             | -9.78            | 74.00             | 29.22          | 150            | 102          | Vertical |
| 6   | 11067          | 47.29             | -5.76            | 74.00             | 26.71          | 150            | 10           | Vertical |

Appendix J: Conducted emission AC power port

Test Result



| Final Data List |             |             |                 |                 |                |                 |                 |                |      |         |
|-----------------|-------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|------|---------|
| NO.             | Freq. [MHz] | Factor [dB] | QP Value [dBμV] | QP Limit [dBμV] | QP Margin [dB] | AV Value [dBμV] | AV Limit [dBμV] | AV Margin [dB] | Type | Verdict |
| 1               | 0.1528      | 11.65       | 47.38           | 65.85           | 18.47          | 29.52           | 55.85           | 26.33          | L1   | PASS    |
| 2               | 0.1650      | 11.65       | 45.15           | 65.21           | 20.06          | 27.83           | 55.21           | 27.38          | L1   | PASS    |
| 3               | 0.1828      | 11.65       | 43.55           | 64.36           | 20.81          | 24.17           | 54.36           | 30.19          | L1   | PASS    |
| 4               | 0.2188      | 11.65       | 40.22           | 62.86           | 22.64          | 26.84           | 52.86           | 26.02          | L1   | PASS    |
| 5               | 0.2698      | 11.65       | 35.89           | 61.12           | 25.23          | 25.93           | 51.12           | 25.19          | L1   | PASS    |
| 6               | 0.426       | 11.66       | 41.03           | 57.33           | 16.30          | 26.98           | 47.33           | 20.35          | L1   | PASS    |



| Final Data List |             |             |                 |                 |                |                 |                 |                |      |         |
|-----------------|-------------|-------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|------|---------|
| NO.             | Freq. [MHz] | Factor [dB] | QP Value [dBμV] | QP Limit [dBμV] | QP Margin [dB] | AV Value [dBμV] | AV Limit [dBμV] | AV Margin [dB] | Type | Verdict |
| 1               | 0.1501      | 11.65       | 44.31           | 65.99           | 21.68          | 29.01           | 55.99           | 26.98          | N    | PASS    |
| 2               | 0.1652      | 11.65       | 45.91           | 65.20           | 19.29          | 27.86           | 55.20           | 27.34          | N    | PASS    |
| 3               | 0.1796      | 11.65       | 44.76           | 64.50           | 19.74          | 26.86           | 54.50           | 27.64          | N    | PASS    |
| 4               | 0.1945      | 11.65       | 37.33           | 63.84           | 26.51          | 23.32           | 53.84           | 30.52          | N    | PASS    |
| 5               | 0.2105      | 11.65       | 40.53           | 63.19           | 22.66          | 26.50           | 53.19           | 26.69          | N    | PASS    |
| 6               | 0.2252      | 11.65       | 41.23           | 62.62           | 21.39          | 25.35           | 52.62           | 27.27          | N    | PASS    |