## A.6 Radiated Emission

Note [1]: The symbol of "--" in the table which means not application.

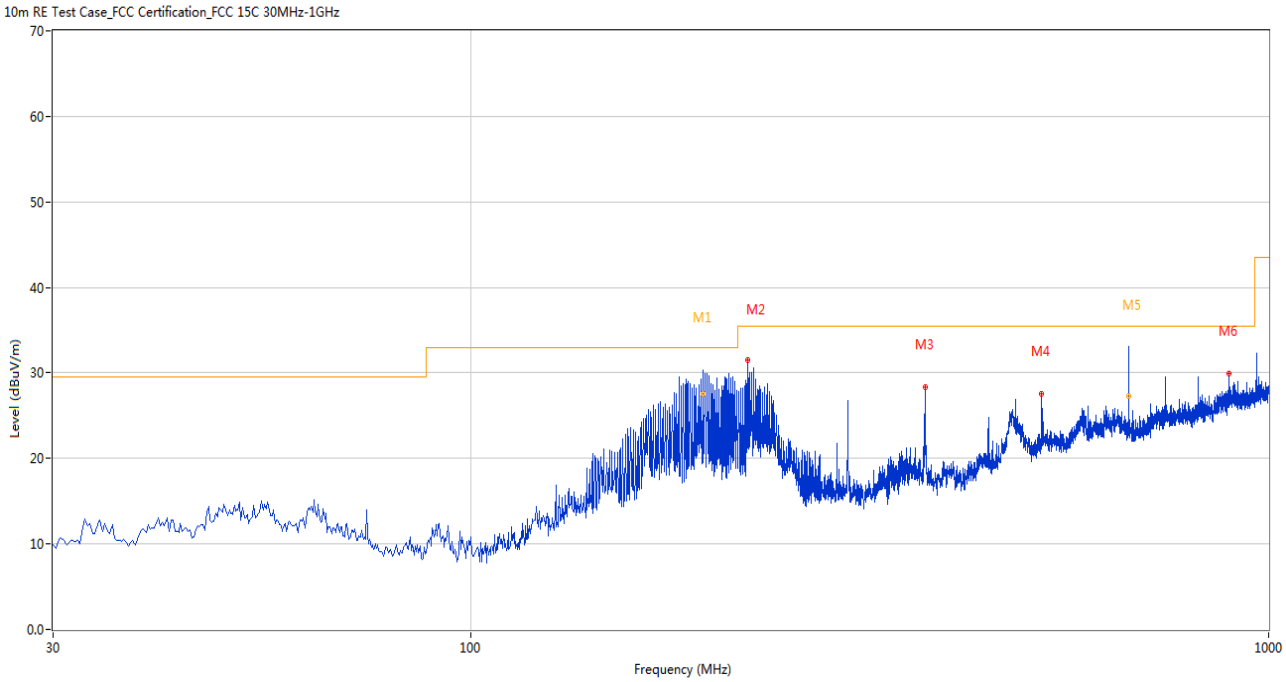
Note [2]: For the test data above 1 GHz，According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

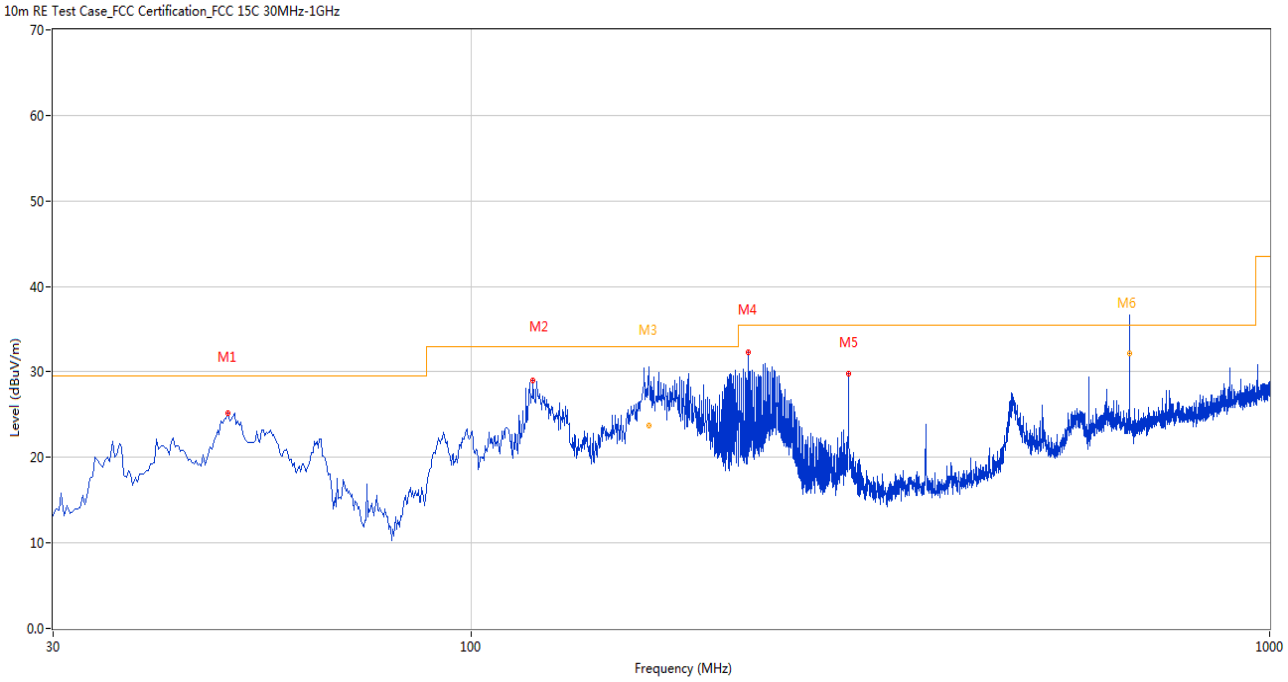
Test Data and Plots

30 MHz to 1 GHz, ANT H




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 195.595 | 29.28 | -28.54 | 33.0 | 3.72 | Peak | 196.00 | 191 | Horizontal | N/A |
| 1* | 195.595 | 27.49 | -28.54 | 33.0 | 5.51 | QP | 196.00 | 191 | Horizontal | Pass |
| 2 | 222.739 | 31.53 | -28.77 | 35.5 | 3.97 | Peak | 199.00 | 200 | Horizontal | Pass |
| 3 | 371.355 | 28.31 | -23.01 | 35.5 | 7.19 | Peak | 0.00 | 200 | Horizontal | Pass |
| 4 | 519.728 | 27.50 | -19.10 | 35.5 | 8.00 | Peak | 0.00 | 100 | Horizontal | Pass |
| 5 | 668.344 | 30.29 | -15.87 | 35.5 | 5.21 | Peak | 47.00 | 123 | Horizontal | N/A |
| 5* | 668.344 | 27.35 | -15.87 | 35.5 | 8.15 | QP | 47.00 | 123 | Horizontal | Pass |
| 6 | 891.145 | 29.87 | -10.83 | 35.5 | 5.63 | Peak | 360.00 | 100 | Horizontal | Pass |

## 30 MHz to 1 GHz, ANT V




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49.638 | 25.22 | -26.01 | 29.5 | 4.28 | Peak | 96.00 | 200 | Vertical | Pass |
| 2 | 119.703 | 29.05 | -28.12 | 33.0 | 3.95 | Peak | 0.00 | 200 | Vertical | Pass |
| 3 | 167.139 | 27.91 | -25.77 | 33.0 | 5.09 | Peak | 208.00 | 115 | Vertical | N/A |
| 3* | 167.139 | 23.71 | -25.77 | 33.0 | 9.29 | QP | 208.00 | 115 | Vertical | Pass |
| 4 | 222.739 | 32.26 | -28.77 | 35.5 | 3.24 | Peak | 37.00 | 100 | Vertical | Pass |
| 5 | 296.926 | 29.82 | -24.94 | 35.5 | 5.68 | Peak | 18.00 | 100 | Vertical | Pass |
| 6 | 668.343 | 34.78 | -15.87 | 35.5 | 0.72 | Peak | 360.00 | 200 | Vertical | N/A |
| 6* | 668.343 | 32.16 | -15.87 | 35.5 | 3.34 | QP | 360.00 | 200 | Vertical | Pass |

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

Antenna 1

1 GHz to 18 GHz, ANT H 802.11b Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 52.34 | -17.71 | 74.0 | 21.66 | Peak | 300.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 50.68 | -17.71 | 54.0 | 3.32 | AV | 300.00 | 150 | Horizontal | Pass |
| 2 | 2413.400 | 106.52 | -10.75 | 74.0 | -32.52 | Peak | 307.00 | 150 | Horizontal | N/A |
| 2** | 2413.400 | 103.57 | -10.75 | 54.0 | -49.57 | AV | 307.00 | 150 | Horizontal | N/A |
| 3 | 4824.000 | 53.86 | -1.97 | 74.0 | 20.14 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 4824.000 | 50.30 | -1.97 | 54.0 | 3.70 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 6151.800 | 54.78 | 0.23 | 74.0 | 19.22 | Peak | 31.00 | 400 | Horizontal | Pass |
| 4** | 6151.800 | 46.50 | 0.23 | 54.0 | 7.50 | AV | 31.00 | 400 | Horizontal | Pass |
| 5 | 13459.013 | 55.58 | 0.69 | 74.0 | 18.42 | Peak | 119.00 | 150 | Horizontal | Pass |
| 5** | 13459.013 | 45.77 | 0.69 | 54.0 | 8.23 | AV | 119.00 | 150 | Horizontal | Pass |
| 6 | 17440.088 | 56.51 | 3.02 | 74.0 | 17.49 | Peak | 138.00 | 100 | Horizontal | Pass |
| 6** | 17440.088 | 47.34 | 3.02 | 54.0 | 6.66 | AV | 138.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1708.000 | 50.98 | -16.85 | 74.0 | 23.02 | Peak | 36.00 | 150 | Vertical | Pass |
| 1** | 1708.000 | 48.23 | -16.85 | 54.0 | 5.77 | AV | 36.00 | 150 | Vertical | Pass |
| 2 | 2412.100 | 103.77 | -10.68 | 74.0 | -29.77 | Peak | 4.00 | 150 | Vertical | N/A |
| 2** | 2412.100 | 98.97 | -10.68 | 54.0 | -44.97 | AV | 4.00 | 150 | Vertical | N/A |
| 3 | 4824.000 | 51.15 | -1.97 | 74.0 | 22.85 | Peak | 260.00 | 150 | Vertical | Pass |
| 3** | 4824.000 | 46.12 | -1.97 | 54.0 | 7.88 | AV | 260.00 | 150 | Vertical | Pass |
| 4 | 6807.000 | 54.73 | 2.15 | 74.0 | 19.27 | Peak | 283.00 | 300 | Vertical | Pass |
| 4** | 6807.000 | 46.50 | 2.15 | 54.0 | 7.50 | AV | 283.00 | 300 | Vertical | Pass |
| 5 | 13379.738 | 55.84 | 0.65 | 74.0 | 18.16 | Peak | 317.00 | 150 | Vertical | Pass |
| 5** | 13379.738 | 46.27 | 0.65 | 54.0 | 7.73 | AV | 317.00 | 150 | Vertical | Pass |
| 6 | 15489.974 | 55.94 | 0.94 | 74.0 | 18.06 | Peak | 149.00 | 100 | Vertical | Pass |
| 6** | 15489.974 | 46.94 | 0.94 | 54.0 | 7.06 | AV | 149.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 50.32 | -17.71 | 74.0 | 23.68 | Peak | 295.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 49.18 | -17.71 | 54.0 | 4.82 | AV | 295.00 | 150 | Horizontal | Pass |
| 2 | 2435.700 | 106.01 | -12.14 | 74.0 | -32.01 | Peak | 308.00 | 150 | Horizontal | N/A |
| 2** | 2435.700 | 103.08 | -12.14 | 54.0 | -49.08 | AV | 308.00 | 150 | Horizontal | N/A |
| 3 | 4874.000 | 52.66 | -2.66 | 74.0 | 21.34 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 4874.000 | 48.86 | -2.66 | 54.0 | 5.14 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 6799.400 | 54.54 | 1.33 | 74.0 | 19.46 | Peak | 125.00 | 150 | Horizontal | Pass |
| 4** | 6799.400 | 45.35 | 1.33 | 54.0 | 8.65 | AV | 125.00 | 150 | Horizontal | Pass |
| 5 | 13329.338 | 56.02 | 0.93 | 74.0 | 17.98 | Peak | 148.00 | 150 | Horizontal | Pass |
| 5** | 13329.338 | 46.09 | 0.93 | 54.0 | 7.91 | AV | 148.00 | 150 | Horizontal | Pass |
| 6 | 17426.962 | 56.65 | 3.55 | 74.0 | 17.35 | Peak | 72.00 | 300 | Horizontal | Pass |
| 6** | 17426.962 | 46.40 | 3.55 | 54.0 | 7.60 | AV | 72.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 51.49 | -16.84 | 74.0 | 22.51 | Peak | 37.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.53 | -16.84 | 54.0 | 5.47 | AV | 37.00 | 150 | Vertical | Pass |
| 2 | 2436.900 | 104.04 | -12.13 | 74.0 | -30.04 | Peak | 360.00 | 100 | Vertical | N/A |
| 2** | 2436.900 | 99.75 | -12.13 | 54.0 | -45.75 | AV | 360.00 | 100 | Vertical | N/A |
| 3 | 4874.000 | 49.29 | -2.66 | 74.0 | 24.71 | Peak | 245.00 | 150 | Vertical | Pass |
| 3** | 4874.000 | 45.04 | -2.66 | 54.0 | 8.96 | AV | 245.00 | 150 | Vertical | Pass |
| 4 | 6791.200 | 54.61 | 0.84 | 74.0 | 19.39 | Peak | 9.00 | 200 | Vertical | Pass |
| 4** | 6791.200 | 45.02 | 0.84 | 54.0 | 8.98 | AV | 9.00 | 200 | Vertical | Pass |
| 5 | 13305.713 | 55.62 | 0.87 | 74.0 | 18.38 | Peak | 89.00 | 150 | Vertical | Pass |
| 5** | 13305.713 | 45.88 | 0.87 | 54.0 | 8.12 | AV | 89.00 | 150 | Vertical | Pass |
| 6 | 17442.187 | 55.89 | 2.95 | 74.0 | 18.11 | Peak | 0.00 | 200 | Vertical | Pass |
| 6** | 17442.187 | 45.87 | 2.95 | 54.0 | 8.13 | AV | 0.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 51.14 | -17.71 | 74.0 | 22.86 | Peak | 295.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 50.27 | -17.71 | 54.0 | 3.73 | AV | 295.00 | 150 | Horizontal | Pass |
| 2 | 2463.200 | 105.77 | -11.79 | 74.0 | -31.77 | Peak | 310.00 | 200 | Horizontal | N/A |
| 2** | 2463.200 | 102.82 | -11.79 | 54.0 | -48.82 | AV | 310.00 | 200 | Horizontal | N/A |
| 3 | 4924.000 | 53.24 | -2.42 | 74.0 | 20.76 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 4924.000 | 48.65 | -2.42 | 54.0 | 5.35 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 4924.200 | 51.83 | -2.42 | 74.0 | 22.17 | Peak | 0.00 | 150 | Horizontal | Pass |
| 4** | 4924.200 | 49.41 | -2.42 | 54.0 | 4.59 | AV | 0.00 | 150 | Horizontal | Pass |
| 5 | 13348.763 | 55.58 | 1.02 | 74.0 | 18.42 | Peak | 360.00 | 150 | Horizontal | Pass |
| 5** | 13348.763 | 46.31 | 1.02 | 54.0 | 7.69 | AV | 360.00 | 150 | Horizontal | Pass |
| 6 | 15842.250 | 56.44 | 1.41 | 74.0 | 17.56 | Peak | 265.00 | 300 | Horizontal | Pass |
| 6** | 15842.250 | 46.49 | 1.41 | 54.0 | 7.51 | AV | 265.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 50.93 | -16.84 | 74.0 | 23.07 | Peak | 42.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.05 | -16.84 | 54.0 | 5.95 | AV | 42.00 | 150 | Vertical | Pass |
| 2 | 2462.000 | 104.44 | -11.93 | 74.0 | -30.44 | Peak | 0.00 | 100 | Vertical | N/A |
| 2** | 2462.000 | 99.97 | -11.93 | 54.0 | -45.97 | AV | 0.00 | 100 | Vertical | N/A |
| 3 | 4924.000 | 50.86 | -2.42 | 74.0 | 23.14 | Peak | 48.00 | 150 | Vertical | Pass |
| 3** | 4924.000 | 45.31 | -2.42 | 54.0 | 8.69 | AV | 48.00 | 150 | Vertical | Pass |
| 4 | 7844.388 | 47.77 | -1.95 | 74.0 | 26.23 | Peak | 205.00 | 150 | Vertical | Pass |
| 4** | 7844.388 | 43.46 | -1.95 | 54.0 | 10.54 | AV | 205.00 | 150 | Vertical | Pass |
| 5 | 13421.737 | 55.79 | 0.40 | 74.0 | 18.21 | Peak | 360.00 | 150 | Vertical | Pass |
| 5** | 13421.737 | 46.82 | 0.40 | 54.0 | 7.18 | AV | 360.00 | 150 | Vertical | Pass |
| 6 | 17429.062 | 57.39 | 3.48 | 74.0 | 16.61 | Peak | 160.00 | 100 | Vertical | Pass |
| 6** | 17429.062 | 47.22 | 3.48 | 54.0 | 6.78 | AV | 160.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 52.61 | -17.71 | 74.0 | 21.39 | Peak | 299.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 50.69 | -17.71 | 54.0 | 3.31 | AV | 299.00 | 150 | Horizontal | Pass |
| 2 | 1782.100 | 49.16 | -16.18 | 74.0 | 24.84 | Peak | 352.00 | 150 | Horizontal | Pass |
| 2** | 1782.100 | 50.09 | -16.18 | 54.0 | 3.91 | AV | 352.00 | 150 | Horizontal | Pass |
| 3 | 2418.300 | 108.17 | -11.87 | 74.0 | -34.17 | Peak | 307.00 | 200 | Horizontal | N/A |
| 3** | 2418.300 | 100.34 | -11.87 | 54.0 | -46.34 | AV | 307.00 | 200 | Horizontal | N/A |
| 4 | 4818.400 | 49.91 | -2.12 | 74.0 | 24.09 | Peak | 345.00 | 150 | Horizontal | Pass |
| 4** | 4818.400 | 45.07 | -2.12 | 54.0 | 8.93 | AV | 345.00 | 150 | Horizontal | Pass |
| 5 | 13447.463 | 55.90 | 0.58 | 74.0 | 18.10 | Peak | 360.00 | 150 | Horizontal | Pass |
| 5** | 13447.463 | 46.57 | 0.58 | 54.0 | 7.43 | AV | 360.00 | 150 | Horizontal | Pass |
| 6 | 15625.162 | 55.93 | 1.72 | 74.0 | 18.07 | Peak | 63.00 | 300 | Horizontal | Pass |
| 6** | 15625.162 | 46.06 | 1.72 | 54.0 | 7.94 | AV | 63.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 50.94 | -16.84 | 74.0 | 23.06 | Peak | 35.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.56 | -16.84 | 54.0 | 5.44 | AV | 35.00 | 150 | Vertical | Pass |
| 2 | 2418.200 | 105.65 | -11.85 | 74.0 | -31.65 | Peak | 354.00 | 200 | Vertical | N/A |
| 2** | 2418.200 | 98.66 | -11.85 | 54.0 | -44.66 | AV | 354.00 | 200 | Vertical | N/A |
| 3 | 4981.000 | 51.57 | -1.59 | 74.0 | 22.43 | Peak | 295.00 | 200 | Vertical | Pass |
| 3** | 4981.000 | 42.67 | -1.59 | 54.0 | 11.33 | AV | 295.00 | 200 | Vertical | Pass |
| 4 | 6609.000 | 54.72 | 0.34 | 74.0 | 19.28 | Peak | 199.00 | 100 | Vertical | Pass |
| 4** | 6609.000 | 45.19 | 0.34 | 54.0 | 8.81 | AV | 199.00 | 100 | Vertical | Pass |
| 5 | 13436.438 | 55.71 | 0.43 | 74.0 | 18.29 | Peak | 0.00 | 150 | Vertical | Pass |
| 5** | 13436.438 | 47.16 | 0.43 | 54.0 | 6.84 | AV | 0.00 | 150 | Vertical | Pass |
| 6 | 17179.426 | 55.86 | 0.66 | 74.0 | 18.14 | Peak | 212.00 | 300 | Vertical | Pass |
| 6** | 17179.426 | 45.90 | 0.66 | 54.0 | 8.10 | AV | 212.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.600 | 51.97 | -17.71 | 74.0 | 22.03 | Peak | 310.00 | 150 | Horizontal | Pass |
| 1** | 1039.600 | 48.69 | -17.71 | 54.0 | 5.31 | AV | 310.00 | 150 | Horizontal | Pass |
| 2 | 2431.700 | 107.46 | -12.46 | 74.0 | -33.46 | Peak | 310.00 | 100 | Horizontal | N/A |
| 2** | 2431.700 | 100.09 | -12.46 | 54.0 | -46.09 | AV | 310.00 | 100 | Horizontal | N/A |
| 3 | 4876.000 | 50.77 | -2.67 | 74.0 | 23.23 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 4876.000 | 44.94 | -2.67 | 54.0 | 9.06 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 6808.800 | 54.33 | 1.62 | 74.0 | 19.67 | Peak | 346.00 | 400 | Horizontal | Pass |
| 4** | 6808.800 | 45.87 | 1.62 | 54.0 | 8.13 | AV | 346.00 | 400 | Horizontal | Pass |
| 5 | 13434.075 | 56.02 | 0.41 | 74.0 | 17.98 | Peak | 105.00 | 150 | Horizontal | Pass |
| 5** | 13434.075 | 46.26 | 0.41 | 54.0 | 7.74 | AV | 105.00 | 150 | Horizontal | Pass |
| 6 | 15867.975 | 56.05 | 0.70 | 74.0 | 17.95 | Peak | 24.00 | 100 | Horizontal | Pass |
| 6** | 15867.975 | 46.16 | 0.70 | 54.0 | 7.84 | AV | 24.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.800 | 51.95 | -16.82 | 74.0 | 22.05 | Peak | 30.00 | 150 | Vertical | Pass |
| 1** | 1707.800 | 49.46 | -16.82 | 54.0 | 4.54 | AV | 30.00 | 150 | Vertical | Pass |
| 2 | 2442.400 | 105.21 | -12.39 | 74.0 | -31.21 | Peak | 0.00 | 150 | Vertical | N/A |
| 2** | 2442.400 | 98.36 | -12.39 | 54.0 | -44.36 | AV | 0.00 | 150 | Vertical | N/A |
| 3 | 4980.200 | 51.87 | -1.58 | 74.0 | 22.13 | Peak | 71.00 | 100 | Vertical | Pass |
| 3** | 4980.200 | 43.00 | -1.58 | 54.0 | 11.00 | AV | 71.00 | 100 | Vertical | Pass |
| 4 | 6974.200 | 55.03 | 1.28 | 74.0 | 18.97 | Peak | 263.00 | 100 | Vertical | Pass |
| 4** | 6974.200 | 45.67 | 1.28 | 54.0 | 8.33 | AV | 263.00 | 100 | Vertical | Pass |
| 5 | 13439.062 | 55.51 | 0.46 | 74.0 | 18.49 | Peak | 120.00 | 150 | Vertical | Pass |
| 5** | 13439.062 | 47.12 | 0.46 | 54.0 | 6.88 | AV | 120.00 | 150 | Vertical | Pass |
| 6 | 17184.676 | 56.09 | 0.54 | 74.0 | 17.91 | Peak | 295.00 | 150 | Vertical | Pass |
| 6** | 17184.676 | 45.97 | 0.54 | 54.0 | 8.03 | AV | 295.00 | 150 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.800 | 51.03 | -17.70 | 74.0 | 22.97 | Peak | 297.00 | 150 | Horizontal | Pass |
| 1** | 1039.800 | 50.15 | -17.70 | 54.0 | 3.85 | AV | 297.00 | 150 | Horizontal | Pass |
| 2 | 2468.900 | 107.37 | -11.70 | 74.0 | -33.37 | Peak | 310.00 | 100 | Horizontal | N/A |
| 2** | 2468.900 | 99.25 | -11.70 | 54.0 | -45.25 | AV | 310.00 | 100 | Horizontal | N/A |
| 3 | 3999.200 | 46.75 | -4.57 | 74.0 | 27.25 | Peak | 248.00 | 150 | Horizontal | Pass |
| 3** | 3999.200 | 42.57 | -4.57 | 54.0 | 11.43 | AV | 248.00 | 150 | Horizontal | Pass |
| 4 | 6651.800 | 54.71 | -0.78 | 74.0 | 19.29 | Peak | 96.00 | 400 | Horizontal | Pass |
| 4** | 6651.800 | 45.62 | -0.78 | 54.0 | 8.38 | AV | 96.00 | 400 | Horizontal | Pass |
| 5 | 13425.675 | 55.79 | 0.40 | 74.0 | 18.21 | Peak | 288.00 | 150 | Horizontal | Pass |
| 5** | 13425.675 | 46.46 | 0.40 | 54.0 | 7.54 | AV | 288.00 | 150 | Horizontal | Pass |
| 6 | 15805.237 | 56.17 | 2.27 | 74.0 | 17.83 | Peak | 65.00 | 200 | Horizontal | Pass |
| 6** | 15805.237 | 45.02 | 2.27 | 54.0 | 8.98 | AV | 65.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1708.000 | 50.67 | -16.85 | 74.0 | 23.33 | Peak | 43.00 | 150 | Vertical | Pass |
| 1** | 1708.000 | 48.63 | -16.85 | 54.0 | 5.37 | AV | 43.00 | 150 | Vertical | Pass |
| 2 | 2469.400 | 105.64 | -11.66 | 74.0 | -31.64 | Peak | 0.00 | 150 | Vertical | N/A |
| 2** | 2469.400 | 98.44 | -11.66 | 54.0 | -44.44 | AV | 0.00 | 150 | Vertical | N/A |
| 3 | 5322.000 | 52.94 | -2.11 | 74.0 | 21.06 | Peak | 0.00 | 150 | Vertical | Pass |
| 3** | 5322.000 | 42.11 | -2.11 | 54.0 | 11.89 | AV | 0.00 | 150 | Vertical | Pass |
| 4 | 6804.200 | 54.49 | 1.64 | 74.0 | 19.51 | Peak | 170.00 | 400 | Vertical | Pass |
| 4** | 6804.200 | 45.69 | 1.64 | 54.0 | 8.31 | AV | 170.00 | 400 | Vertical | Pass |
| 5 | 13376.062 | 55.47 | 0.67 | 74.0 | 18.53 | Peak | 360.00 | 150 | Vertical | Pass |
| 5** | 13376.062 | 46.32 | 0.67 | 54.0 | 7.68 | AV | 360.00 | 150 | Vertical | Pass |
| 6 | 17437.725 | 56.11 | 3.13 | 74.0 | 17.89 | Peak | 87.00 | 100 | Vertical | Pass |
| 6** | 17437.725 | 47.01 | 3.13 | 54.0 | 6.99 | AV | 87.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 52.13 | -17.71 | 74.0 | 21.87 | Peak | 307.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 49.96 | -17.71 | 54.0 | 4.04 | AV | 307.00 | 150 | Horizontal | Pass |
| 2 | 2405.400 | 108.53 | -10.28 | 74.0 | -34.53 | Peak | 313.00 | 150 | Horizontal | N/A |
| 2** | 2405.400 | 100.95 | -10.28 | 54.0 | -46.95 | AV | 313.00 | 150 | Horizontal | N/A |
| 3 | 4824.600 | 52.17 | -2.16 | 74.0 | 21.83 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 4824.600 | 45.51 | -2.16 | 54.0 | 8.49 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 6973.200 | 55.00 | 1.11 | 74.0 | 19.00 | Peak | 257.00 | 400 | Horizontal | Pass |
| 4** | 6973.200 | 45.17 | 1.11 | 54.0 | 8.83 | AV | 257.00 | 400 | Horizontal | Pass |
| 5 | 13436.963 | 55.55 | 0.44 | 74.0 | 18.45 | Peak | 196.00 | 150 | Horizontal | Pass |
| 5** | 13436.963 | 46.63 | 0.44 | 54.0 | 7.37 | AV | 196.00 | 150 | Horizontal | Pass |
| 6 | 17405.962 | 55.97 | 3.34 | 74.0 | 18.03 | Peak | 129.00 | 300 | Horizontal | Pass |
| 6** | 17405.962 | 46.43 | 3.34 | 54.0 | 7.57 | AV | 129.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.700 | 52.50 | -16.80 | 74.0 | 21.50 | Peak | 43.00 | 150 | Vertical | Pass |
| 1** | 1707.700 | 49.40 | -16.80 | 54.0 | 4.60 | AV | 43.00 | 150 | Vertical | Pass |
| 2 | 2406.800 | 106.18 | -10.30 | 74.0 | -32.18 | Peak | 3.00 | 100 | Vertical | N/A |
| 2** | 2406.800 | 99.63 | -10.30 | 54.0 | -45.63 | AV | 3.00 | 100 | Vertical | N/A |
| 3 | 4821.000 | 53.52 | -2.12 | 74.0 | 20.48 | Peak | 270.00 | 150 | Vertical | Pass |
| 3** | 4821.000 | 43.21 | -2.12 | 54.0 | 10.79 | AV | 270.00 | 150 | Vertical | Pass |
| 4 | 6842.000 | 54.53 | 0.96 | 74.0 | 19.47 | Peak | 360.00 | 300 | Vertical | Pass |
| 4** | 6842.000 | 45.00 | 0.96 | 54.0 | 9.00 | AV | 360.00 | 300 | Vertical | Pass |
| 5 | 13412.025 | 55.70 | 0.47 | 74.0 | 18.30 | Peak | 360.00 | 150 | Vertical | Pass |
| 5** | 13412.025 | 47.25 | 0.47 | 54.0 | 6.75 | AV | 360.00 | 150 | Vertical | Pass |
| 6 | 15798.412 | 56.02 | 2.28 | 74.0 | 17.98 | Peak | 149.00 | 100 | Vertical | Pass |
| 6** | 15798.412 | 46.39 | 2.28 | 54.0 | 7.61 | AV | 149.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 51.86 | -17.71 | 74.0 | 22.14 | Peak | 290.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 48.92 | -17.71 | 54.0 | 5.08 | AV | 290.00 | 150 | Horizontal | Pass |
| 2 | 2432.800 | 107.88 | -12.34 | 74.0 | -33.88 | Peak | 307.00 | 150 | Horizontal | N/A |
| 2** | 2432.800 | 99.31 | -12.34 | 54.0 | -45.31 | AV | 307.00 | 150 | Horizontal | N/A |
| 3 | 4868.800 | 52.18 | -2.49 | 74.0 | 21.82 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 4868.800 | 42.67 | -2.49 | 54.0 | 11.33 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 6806.200 | 54.35 | 2.26 | 74.0 | 19.65 | Peak | 242.00 | 200 | Horizontal | Pass |
| 4** | 6806.200 | 46.21 | 2.26 | 54.0 | 7.79 | AV | 242.00 | 200 | Horizontal | Pass |
| 5 | 13398.112 | 55.53 | 0.57 | 74.0 | 18.47 | Peak | 179.00 | 150 | Horizontal | Pass |
| 5** | 13398.112 | 46.49 | 0.57 | 54.0 | 7.51 | AV | 179.00 | 150 | Horizontal | Pass |
| 6 | 17436.150 | 56.69 | 3.21 | 74.0 | 17.31 | Peak | 64.00 | 100 | Horizontal | Pass |
| 6** | 17436.150 | 46.76 | 3.21 | 54.0 | 7.24 | AV | 64.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 50.75 | -16.84 | 74.0 | 23.25 | Peak | 33.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.29 | -16.84 | 54.0 | 5.71 | AV | 33.00 | 150 | Vertical | Pass |
| 2 | 2431.700 | 105.36 | -12.46 | 74.0 | -31.36 | Peak | 360.00 | 200 | Vertical | N/A |
| 2** | 2431.700 | 98.35 | -12.46 | 54.0 | -44.35 | AV | 360.00 | 200 | Vertical | N/A |
| 3 | 5079.400 | 52.35 | -2.30 | 74.0 | 21.65 | Peak | 285.00 | 150 | Vertical | Pass |
| 3** | 5079.400 | 42.38 | -2.30 | 54.0 | 11.62 | AV | 285.00 | 150 | Vertical | Pass |
| 4 | 5982.400 | 54.49 | -0.77 | 74.0 | 19.51 | Peak | 139.00 | 100 | Vertical | Pass |
| 4** | 5982.400 | 44.21 | -0.77 | 54.0 | 9.79 | AV | 139.00 | 100 | Vertical | Pass |
| 5 | 13326.975 | 54.94 | 0.93 | 74.0 | 19.06 | Peak | 254.00 | 150 | Vertical | Pass |
| 5** | 13326.975 | 46.77 | 0.93 | 54.0 | 7.23 | AV | 254.00 | 150 | Vertical | Pass |
| 6 | 17466.864 | 56.42 | 2.90 | 74.0 | 17.58 | Peak | 186.00 | 200 | Vertical | Pass |
| 6** | 17466.864 | 47.52 | 2.90 | 54.0 | 6.48 | AV | 186.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 51.59 | -17.71 | 74.0 | 22.41 | Peak | 292.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 49.38 | -17.71 | 54.0 | 4.62 | AV | 292.00 | 150 | Horizontal | Pass |
| 2 | 2468.300 | 107.59 | -11.75 | 74.0 | -33.59 | Peak | 299.00 | 150 | Horizontal | N/A |
| 2** | 2468.300 | 100.52 | -11.75 | 54.0 | -46.52 | AV | 299.00 | 150 | Horizontal | N/A |
| 3 | 5167.600 | 52.86 | -1.99 | 74.0 | 21.14 | Peak | 204.00 | 150 | Horizontal | Pass |
| 3** | 5167.600 | 43.13 | -1.99 | 54.0 | 10.87 | AV | 204.00 | 150 | Horizontal | Pass |
| 4 | 6610.800 | 55.51 | 0.74 | 74.0 | 18.49 | Peak | 93.00 | 100 | Horizontal | Pass |
| 4** | 6610.800 | 46.10 | 0.74 | 54.0 | 7.90 | AV | 93.00 | 100 | Horizontal | Pass |
| 5 | 13436.701 | 55.35 | 0.43 | 74.0 | 18.65 | Peak | 340.00 | 150 | Horizontal | Pass |
| 5** | 13436.701 | 46.32 | 0.43 | 54.0 | 7.68 | AV | 340.00 | 150 | Horizontal | Pass |
| 6 | 15858.263 | 55.98 | 1.02 | 74.0 | 18.02 | Peak | 296.00 | 400 | Horizontal | Pass |
| 6** | 15858.263 | 46.27 | 1.02 | 54.0 | 7.73 | AV | 296.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 50.13 | -16.84 | 74.0 | 23.87 | Peak | 35.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.43 | -16.84 | 54.0 | 5.57 | AV | 35.00 | 150 | Vertical | Pass |
| 2 | 2468.400 | 106.55 | -11.74 | 74.0 | -32.55 | Peak | 0.00 | 100 | Vertical | N/A |
| 2** | 2468.400 | 98.71 | -11.74 | 54.0 | -44.71 | AV | 0.00 | 100 | Vertical | N/A |
| 3 | 5045.600 | 52.57 | -1.85 | 74.0 | 21.43 | Peak | 71.00 | 150 | Vertical | Pass |
| 3** | 5045.600 | 42.69 | -1.85 | 54.0 | 11.31 | AV | 71.00 | 150 | Vertical | Pass |
| 4 | 6792.800 | 54.71 | 1.04 | 74.0 | 19.29 | Peak | 122.00 | 200 | Vertical | Pass |
| 4** | 6792.800 | 45.96 | 1.04 | 54.0 | 8.04 | AV | 122.00 | 200 | Vertical | Pass |
| 5 | 13352.438 | 56.31 | 0.99 | 74.0 | 17.69 | Peak | 125.00 | 150 | Vertical | Pass |
| 5** | 13352.438 | 45.70 | 0.99 | 54.0 | 8.30 | AV | 125.00 | 150 | Vertical | Pass |
| 6 | 17423.026 | 56.65 | 3.67 | 74.0 | 17.35 | Peak | 196.00 | 100 | Vertical | Pass |
| 6** | 17423.026 | 47.36 | 3.67 | 54.0 | 6.64 | AV | 196.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 50.92 | -17.71 | 74.0 | 23.08 | Peak | 297.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 49.08 | -17.71 | 54.0 | 4.92 | AV | 297.00 | 150 | Horizontal | Pass |
| 2 | 2435.600 | 106.11 | -12.14 | 74.0 | -32.11 | Peak | 313.00 | 200 | Horizontal | N/A |
| 2** | 2435.600 | 97.91 | -12.14 | 54.0 | -43.91 | AV | 313.00 | 200 | Horizontal | N/A |
| 3 | 4837.800 | 52.37 | -2.70 | 74.0 | 21.63 | Peak | 11.00 | 150 | Horizontal | Pass |
| 3** | 4837.800 | 42.79 | -2.70 | 54.0 | 11.21 | AV | 11.00 | 150 | Horizontal | Pass |
| 4 | 6640.600 | 54.19 | -0.95 | 74.0 | 19.81 | Peak | 190.00 | 300 | Horizontal | Pass |
| 4** | 6640.600 | 45.51 | -0.95 | 54.0 | 8.49 | AV | 190.00 | 300 | Horizontal | Pass |
| 5 | 13436.174 | 55.37 | 0.43 | 74.0 | 18.63 | Peak | 219.00 | 150 | Horizontal | Pass |
| 5** | 13436.174 | 46.47 | 0.43 | 54.0 | 7.53 | AV | 219.00 | 150 | Horizontal | Pass |
| 6 | 16497.974 | 56.81 | 0.85 | 74.0 | 17.19 | Peak | 339.00 | 200 | Horizontal | Pass |
| 6** | 16497.974 | 46.74 | 0.85 | 54.0 | 7.26 | AV | 339.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 51.62 | -16.84 | 74.0 | 22.38 | Peak | 34.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 49.44 | -16.84 | 54.0 | 4.56 | AV | 34.00 | 150 | Vertical | Pass |
| 2 | 2405.000 | 103.38 | -10.15 | 74.0 | -29.38 | Peak | 1.00 | 150 | Vertical | N/A |
| 2** | 2405.000 | 95.46 | -10.15 | 54.0 | -41.46 | AV | 1.00 | 150 | Vertical | N/A |
| 3 | 5542.600 | 53.05 | -1.70 | 74.0 | 20.95 | Peak | 86.00 | 150 | Vertical | Pass |
| 3** | 5542.600 | 43.15 | -1.70 | 54.0 | 10.85 | AV | 86.00 | 150 | Vertical | Pass |
| 4 | 6805.000 | 54.47 | 1.87 | 74.0 | 19.53 | Peak | 46.00 | 200 | Vertical | Pass |
| 4** | 6805.000 | 45.51 | 1.87 | 54.0 | 8.49 | AV | 46.00 | 200 | Vertical | Pass |
| 5 | 13316.737 | 56.00 | 0.89 | 74.0 | 18.00 | Peak | 149.00 | 150 | Vertical | Pass |
| 5** | 13316.737 | 46.81 | 0.89 | 54.0 | 7.19 | AV | 149.00 | 150 | Vertical | Pass |
| 6 | 16018.388 | 56.42 | 0.51 | 74.0 | 17.58 | Peak | 348.00 | 300 | Vertical | Pass |
| 6** | 16018.388 | 45.73 | 0.51 | 54.0 | 8.27 | AV | 348.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.600 | 50.83 | -17.71 | 74.0 | 23.17 | Peak | 297.00 | 150 | Horizontal | Pass |
| 1** | 1039.600 | 48.70 | -17.71 | 54.0 | 5.30 | AV | 297.00 | 150 | Horizontal | Pass |
| 2 | 2438.700 | 105.21 | -12.27 | 74.0 | -31.21 | Peak | 310.00 | 100 | Horizontal | N/A |
| 2** | 2438.700 | 96.50 | -12.27 | 54.0 | -42.50 | AV | 310.00 | 100 | Horizontal | N/A |
| 3 | 5510.200 | 53.25 | -0.88 | 74.0 | 20.75 | Peak | 49.00 | 150 | Horizontal | Pass |
| 3** | 5510.200 | 44.33 | -0.88 | 54.0 | 9.67 | AV | 49.00 | 150 | Horizontal | Pass |
| 4 | 6802.600 | 55.07 | 1.55 | 74.0 | 18.93 | Peak | 277.00 | 200 | Horizontal | Pass |
| 4** | 6802.600 | 45.20 | 1.55 | 54.0 | 8.80 | AV | 277.00 | 200 | Horizontal | Pass |
| 5 | 13401.000 | 55.81 | 0.53 | 74.0 | 18.19 | Peak | 323.00 | 150 | Horizontal | Pass |
| 5** | 13401.000 | 46.49 | 0.53 | 54.0 | 7.51 | AV | 323.00 | 150 | Horizontal | Pass |
| 6 | 15665.588 | 56.12 | 1.35 | 74.0 | 17.88 | Peak | 106.00 | 200 | Horizontal | Pass |
| 6** | 15665.588 | 46.16 | 1.35 | 54.0 | 7.84 | AV | 106.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.800 | 51.54 | -16.82 | 74.0 | 22.46 | Peak | 29.00 | 150 | Vertical | Pass |
| 1** | 1707.800 | 49.09 | -16.82 | 54.0 | 4.91 | AV | 29.00 | 150 | Vertical | Pass |
| 2 | 2438.600 | 102.89 | -12.25 | 74.0 | -28.89 | Peak | 0.00 | 100 | Vertical | N/A |
| 2** | 2438.600 | 95.23 | -12.25 | 54.0 | -41.23 | AV | 0.00 | 100 | Vertical | N/A |
| 3 | 4792.600 | 51.37 | -2.88 | 74.0 | 22.63 | Peak | 0.00 | 150 | Vertical | Pass |
| 3** | 4792.600 | 42.37 | -2.88 | 54.0 | 11.63 | AV | 0.00 | 150 | Vertical | Pass |
| 4 | 6993.400 | 54.84 | 1.92 | 74.0 | 19.16 | Peak | 349.00 | 300 | Vertical | Pass |
| 4** | 6993.400 | 45.86 | 1.92 | 54.0 | 8.14 | AV | 349.00 | 300 | Vertical | Pass |
| 5 | 13323.300 | 55.70 | 0.92 | 74.0 | 18.30 | Peak | 82.00 | 150 | Vertical | Pass |
| 5** | 13323.300 | 46.36 | 0.92 | 54.0 | 7.64 | AV | 82.00 | 150 | Vertical | Pass |
| 6 | 15791.588 | 56.34 | 2.06 | 74.0 | 17.66 | Peak | 123.00 | 100 | Vertical | Pass |
| 6** | 15791.588 | 46.55 | 2.06 | 54.0 | 7.45 | AV | 123.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.600 | 51.27 | -17.71 | 74.0 | 22.73 | Peak | 293.00 | 150 | Horizontal | Pass |
| 1** | 1039.600 | 49.29 | -17.71 | 54.0 | 4.71 | AV | 293.00 | 150 | Horizontal | Pass |
| 2 | 2437.800 | 105.19 | -12.15 | 74.0 | -31.19 | Peak | 306.00 | 200 | Horizontal | N/A |
| 2** | 2437.800 | 97.60 | -12.15 | 54.0 | -43.60 | AV | 306.00 | 200 | Horizontal | N/A |
| 3 | 4941.800 | 51.93 | -2.21 | 74.0 | 22.07 | Peak | 360.00 | 150 | Horizontal | Pass |
| 3** | 4941.800 | 42.70 | -2.21 | 54.0 | 11.30 | AV | 360.00 | 150 | Horizontal | Pass |
| 4 | 6153.000 | 54.39 | 0.34 | 74.0 | 19.61 | Peak | 173.00 | 300 | Horizontal | Pass |
| 4** | 6153.000 | 44.99 | 0.34 | 54.0 | 9.01 | AV | 173.00 | 300 | Horizontal | Pass |
| 5 | 13286.025 | 55.64 | 0.76 | 74.0 | 18.36 | Peak | 176.00 | 150 | Horizontal | Pass |
| 5** | 13286.025 | 46.33 | 0.76 | 54.0 | 7.67 | AV | 176.00 | 150 | Horizontal | Pass |
| 6 | 16034.400 | 56.37 | 0.75 | 74.0 | 17.63 | Peak | 152.00 | 100 | Horizontal | Pass |
| 6** | 16034.400 | 46.43 | 0.75 | 54.0 | 7.57 | AV | 152.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 51.56 | -16.84 | 74.0 | 22.44 | Peak | 36.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.23 | -16.84 | 54.0 | 5.77 | AV | 36.00 | 150 | Vertical | Pass |
| 2 | 2436.800 | 103.12 | -12.13 | 74.0 | -29.12 | Peak | 360.00 | 100 | Vertical | N/A |
| 2** | 2436.800 | 96.10 | -12.13 | 54.0 | -42.10 | AV | 360.00 | 100 | Vertical | N/A |
| 3 | 4381.800 | 47.34 | -3.63 | 74.0 | 26.66 | Peak | 83.00 | 150 | Vertical | Pass |
| 3** | 4381.800 | 42.80 | -3.63 | 54.0 | 11.20 | AV | 83.00 | 150 | Vertical | Pass |
| 4 | 6612.000 | 55.45 | 0.57 | 74.0 | 18.55 | Peak | 180.00 | 200 | Vertical | Pass |
| 4** | 6612.000 | 45.61 | 0.57 | 54.0 | 8.39 | AV | 180.00 | 200 | Vertical | Pass |
| 5 | 13416.225 | 55.68 | 0.41 | 74.0 | 18.32 | Peak | 249.00 | 400 | Vertical | Pass |
| 5** | 13416.225 | 46.96 | 0.41 | 54.0 | 7.04 | AV | 249.00 | 400 | Vertical | Pass |
| 6 | 15397.049 | 55.76 | 0.70 | 74.0 | 18.24 | Peak | 304.00 | 150 | Vertical | Pass |
| 6** | 15397.049 | 45.98 | 0.70 | 54.0 | 8.02 | AV | 304.00 | 150 | Vertical | Pass |

Antenna 2

1 GHz to 18 GHz, ANT H 802.11b Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 54.38 | -17.71 | 74.0 | 19.62 | Peak | 298.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 50.99 | -17.71 | 54.0 | 3.01 | AV | 298.00 | 150 | Horizontal | Pass |
| 2 | 2412.000 | 105.92 | -10.68 | 74.0 | -31.92 | Peak | 341.00 | 100 | Horizontal | N/A |
| 2** | 2412.000 | 101.95 | -10.68 | 54.0 | -47.95 | AV | 341.00 | 100 | Horizontal | N/A |
| 3 | 4824.000 | 50.95 | -1.97 | 74.0 | 23.05 | Peak | 348.00 | 150 | Horizontal | Pass |
| 3** | 4824.000 | 47.32 | -1.97 | 54.0 | 6.68 | AV | 348.00 | 150 | Horizontal | Pass |
| 4 | 6808.600 | 54.84 | 1.64 | 74.0 | 19.16 | Peak | 10.00 | 100 | Horizontal | Pass |
| 4** | 6808.600 | 45.23 | 1.64 | 54.0 | 8.77 | AV | 10.00 | 100 | Horizontal | Pass |
| 5 | 13407.037 | 55.55 | 0.53 | 74.0 | 18.45 | Peak | 71.00 | 150 | Horizontal | Pass |
| 5** | 13407.037 | 47.10 | 0.53 | 54.0 | 6.90 | AV | 71.00 | 150 | Horizontal | Pass |
| 6 | 17438.251 | 56.24 | 3.10 | 74.0 | 17.76 | Peak | 71.00 | 200 | Horizontal | Pass |
| 6** | 17438.251 | 47.81 | 3.10 | 54.0 | 6.19 | AV | 71.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.800 | 51.68 | -16.82 | 74.0 | 22.32 | Peak | 35.00 | 150 | Vertical | Pass |
| 1** | 1707.800 | 48.68 | -16.82 | 54.0 | 5.32 | AV | 35.00 | 150 | Vertical | Pass |
| 2 | 2411.900 | 102.51 | -10.67 | 74.0 | -28.51 | Peak | 42.00 | 150 | Vertical | N/A |
| 2** | 2411.900 | 98.45 | -10.67 | 54.0 | -44.45 | AV | 42.00 | 150 | Vertical | N/A |
| 3 | 4824.200 | 52.42 | -2.04 | 74.0 | 21.58 | Peak | 0.00 | 200 | Vertical | Pass |
| 3** | 4824.200 | 47.29 | -2.04 | 54.0 | 6.71 | AV | 0.00 | 200 | Vertical | Pass |
| 4 | 4824.400 | 51.98 | -2.10 | 74.0 | 22.02 | Peak | 0.00 | 150 | Vertical | Pass |
| 4** | 4824.400 | 47.34 | -2.10 | 54.0 | 6.66 | AV | 0.00 | 150 | Vertical | Pass |
| 5 | 13438.537 | 56.40 | 0.45 | 74.0 | 17.60 | Peak | 332.00 | 300 | Vertical | Pass |
| 5** | 13438.537 | 46.39 | 0.45 | 54.0 | 7.61 | AV | 332.00 | 300 | Vertical | Pass |
| 6 | 16012.875 | 55.64 | 0.46 | 74.0 | 18.36 | Peak | 228.00 | 150 | Vertical | Pass |
| 6** | 16012.875 | 45.64 | 0.46 | 54.0 | 8.36 | AV | 228.00 | 150 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.400 | 53.45 | -17.72 | 74.0 | 20.55 | Peak | 302.00 | 150 | Horizontal | Pass |
| 1** | 1039.400 | 50.70 | -17.72 | 54.0 | 3.30 | AV | 302.00 | 150 | Horizontal | Pass |
| 2 | 2437.000 | 105.34 | -12.13 | 74.0 | -31.34 | Peak | 340.00 | 200 | Horizontal | N/A |
| 2** | 2437.000 | 100.76 | -12.13 | 54.0 | -46.76 | AV | 340.00 | 200 | Horizontal | N/A |
| 3 | 4874.400 | 51.10 | -2.66 | 74.0 | 22.90 | Peak | 306.00 | 150 | Horizontal | Pass |
| 3** | 4874.400 | 47.15 | -2.66 | 54.0 | 6.85 | AV | 306.00 | 150 | Horizontal | Pass |
| 4 | 6976.600 | 55.20 | 1.66 | 74.0 | 18.80 | Peak | 360.00 | 100 | Horizontal | Pass |
| 4** | 6976.600 | 45.95 | 1.66 | 54.0 | 8.05 | AV | 360.00 | 100 | Horizontal | Pass |
| 5 | 13332.487 | 55.39 | 0.97 | 74.0 | 18.61 | Peak | 312.00 | 150 | Horizontal | Pass |
| 5** | 13332.487 | 46.43 | 0.97 | 54.0 | 7.57 | AV | 312.00 | 150 | Horizontal | Pass |
| 6 | 15674.250 | 56.27 | 1.52 | 74.0 | 17.73 | Peak | 292.00 | 300 | Horizontal | Pass |
| 6** | 15674.250 | 46.88 | 1.52 | 54.0 | 7.12 | AV | 292.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1410.600 | 51.55 | -17.00 | 74.0 | 22.45 | Peak | 298.00 | 100 | Vertical | Pass |
| 1** | 1410.600 | 44.70 | -17.00 | 54.0 | 9.30 | AV | 298.00 | 100 | Vertical | Pass |
| 2 | 2436.900 | 103.40 | -12.13 | 74.0 | -29.40 | Peak | 42.00 | 150 | Vertical | N/A |
| 2** | 2436.900 | 98.54 | -12.13 | 54.0 | -44.54 | AV | 42.00 | 150 | Vertical | N/A |
| 3 | 4874.000 | 53.04 | -2.66 | 74.0 | 20.96 | Peak | 12.00 | 100 | Vertical | Pass |
| 3** | 4874.000 | 48.37 | -2.66 | 54.0 | 5.63 | AV | 12.00 | 100 | Vertical | Pass |
| 4 | 4874.200 | 51.59 | -2.66 | 74.0 | 22.41 | Peak | 310.00 | 150 | Vertical | Pass |
| 4** | 4874.200 | 48.57 | -2.66 | 54.0 | 5.43 | AV | 310.00 | 150 | Vertical | Pass |
| 5 | 13330.650 | 55.64 | 0.94 | 74.0 | 18.36 | Peak | 193.00 | 150 | Vertical | Pass |
| 5** | 13330.650 | 46.85 | 0.94 | 54.0 | 7.15 | AV | 193.00 | 150 | Vertical | Pass |
| 6 | 15842.775 | 56.39 | 1.40 | 74.0 | 17.61 | Peak | 22.00 | 300 | Vertical | Pass |
| 6** | 15842.775 | 46.72 | 1.40 | 54.0 | 7.28 | AV | 22.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.800 | 54.10 | -17.70 | 74.0 | 19.90 | Peak | 309.00 | 150 | Horizontal | Pass |
| 1** | 1039.800 | 50.89 | -17.70 | 54.0 | 3.11 | AV | 309.00 | 150 | Horizontal | Pass |
| 2 | 2462.100 | 105.49 | -11.91 | 74.0 | -31.49 | Peak | 335.00 | 150 | Horizontal | N/A |
| 2** | 2462.100 | 101.16 | -11.91 | 54.0 | -47.16 | AV | 335.00 | 150 | Horizontal | N/A |
| 3 | 4924.400 | 51.44 | -2.42 | 74.0 | 22.56 | Peak | 284.00 | 150 | Horizontal | Pass |
| 3** | 4924.400 | 48.61 | -2.42 | 54.0 | 5.39 | AV | 284.00 | 150 | Horizontal | Pass |
| 4 | 6514.600 | 55.16 | -0.40 | 74.0 | 18.84 | Peak | 55.00 | 300 | Horizontal | Pass |
| 4** | 6514.600 | 44.93 | -0.40 | 54.0 | 9.07 | AV | 55.00 | 300 | Horizontal | Pass |
| 5 | 13449.562 | 55.71 | 0.60 | 74.0 | 18.29 | Peak | 173.00 | 150 | Horizontal | Pass |
| 5** | 13449.562 | 46.94 | 0.60 | 54.0 | 7.06 | AV | 173.00 | 150 | Horizontal | Pass |
| 6 | 15650.099 | 56.25 | 1.18 | 74.0 | 17.75 | Peak | 351.00 | 200 | Horizontal | Pass |
| 6** | 15650.099 | 47.36 | 1.18 | 54.0 | 6.64 | AV | 351.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1708.000 | 51.33 | -16.85 | 74.0 | 22.67 | Peak | 39.00 | 150 | Vertical | Pass |
| 1** | 1708.000 | 48.59 | -16.85 | 54.0 | 5.41 | AV | 39.00 | 150 | Vertical | Pass |
| 2 | 2462.100 | 103.66 | -11.91 | 74.0 | -29.66 | Peak | 45.00 | 200 | Vertical | N/A |
| 2** | 2462.100 | 99.28 | -11.91 | 54.0 | -45.28 | AV | 45.00 | 200 | Vertical | N/A |
| 3 | 4924.000 | 53.75 | -2.42 | 74.0 | 20.25 | Peak | 0.00 | 150 | Vertical | Pass |
| 3** | 4924.000 | 49.69 | -2.42 | 54.0 | 4.31 | AV | 0.00 | 150 | Vertical | Pass |
| 4 | 4924.200 | 52.87 | -2.42 | 74.0 | 21.13 | Peak | 0.00 | 150 | Vertical | Pass |
| 4** | 4924.200 | 49.98 | -2.42 | 54.0 | 4.02 | AV | 0.00 | 150 | Vertical | Pass |
| 5 | 13434.338 | 55.36 | 0.42 | 74.0 | 18.64 | Peak | 84.00 | 150 | Vertical | Pass |
| 5** | 13434.338 | 46.03 | 0.42 | 54.0 | 7.97 | AV | 84.00 | 150 | Vertical | Pass |
| 6 | 17432.474 | 55.96 | 3.36 | 74.0 | 18.04 | Peak | 360.00 | 100 | Vertical | Pass |
| 6** | 17432.474 | 47.42 | 3.36 | 54.0 | 6.58 | AV | 360.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 52.86 | -17.71 | 74.0 | 21.14 | Peak | 293.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 50.61 | -17.71 | 54.0 | 3.39 | AV | 293.00 | 150 | Horizontal | Pass |
| 2 | 2406.700 | 107.59 | -10.31 | 74.0 | -33.59 | Peak | 31.00 | 150 | Horizontal | N/A |
| 2** | 2406.700 | 100.85 | -10.31 | 54.0 | -46.85 | AV | 31.00 | 150 | Horizontal | N/A |
| 3 | 4822.400 | 51.67 | -2.10 | 74.0 | 22.33 | Peak | 352.00 | 200 | Horizontal | Pass |
| 3** | 4822.400 | 43.28 | -2.10 | 54.0 | 10.72 | AV | 352.00 | 200 | Horizontal | Pass |
| 4 | 6536.800 | 54.60 | -0.54 | 74.0 | 19.40 | Peak | 125.00 | 100 | Horizontal | Pass |
| 4** | 6536.800 | 43.96 | -0.54 | 54.0 | 10.04 | AV | 125.00 | 100 | Horizontal | Pass |
| 5 | 13275.263 | 55.64 | 0.70 | 74.0 | 18.36 | Peak | 140.00 | 150 | Horizontal | Pass |
| 5** | 13275.263 | 45.25 | 0.70 | 54.0 | 8.75 | AV | 140.00 | 150 | Horizontal | Pass |
| 6 | 17430.637 | 56.51 | 3.43 | 74.0 | 17.49 | Peak | 240.00 | 400 | Horizontal | Pass |
| 6** | 17430.637 | 47.02 | 3.43 | 54.0 | 6.98 | AV | 240.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 51.34 | -16.84 | 74.0 | 22.66 | Peak | 39.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 49.19 | -16.84 | 54.0 | 4.81 | AV | 39.00 | 150 | Vertical | Pass |
| 2 | 2418.500 | 104.83 | -11.91 | 74.0 | -30.83 | Peak | 46.00 | 200 | Vertical | N/A |
| 2** | 2418.500 | 97.42 | -11.91 | 54.0 | -43.42 | AV | 46.00 | 200 | Vertical | N/A |
| 3 | 2998.700 | 52.03 | -9.21 | 74.0 | 21.97 | Peak | 174.00 | 200 | Vertical | Pass |
| 3** | 2998.700 | 42.96 | -9.21 | 54.0 | 11.04 | AV | 174.00 | 200 | Vertical | Pass |
| 4 | 6508.600 | 55.13 | -0.65 | 74.0 | 18.87 | Peak | 0.00 | 400 | Vertical | Pass |
| 4** | 6508.600 | 45.32 | -0.65 | 54.0 | 8.68 | AV | 0.00 | 400 | Vertical | Pass |
| 5 | 13407.300 | 55.31 | 0.53 | 74.0 | 18.69 | Peak | 46.00 | 150 | Vertical | Pass |
| 5** | 13407.300 | 46.58 | 0.53 | 54.0 | 7.42 | AV | 46.00 | 150 | Vertical | Pass |
| 6 | 17426.438 | 56.24 | 3.57 | 74.0 | 17.76 | Peak | 27.00 | 300 | Vertical | Pass |
| 6** | 17426.438 | 46.77 | 3.57 | 54.0 | 7.23 | AV | 27.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.600 | 53.00 | -17.71 | 74.0 | 21.00 | Peak | 303.00 | 150 | Horizontal | Pass |
| 1** | 1039.600 | 50.80 | -17.71 | 54.0 | 3.20 | AV | 303.00 | 150 | Horizontal | Pass |
| 2 | 1782.400 | 54.64 | -16.26 | 74.0 | 19.36 | Peak | 271.00 | 150 | Horizontal | Pass |
| 2** | 1782.400 | 43.81 | -16.26 | 54.0 | 10.19 | AV | 271.00 | 150 | Horizontal | Pass |
| 3 | 2433.700 | 106.84 | -12.25 | 74.0 | -32.84 | Peak | 337.00 | 150 | Horizontal | N/A |
| 3** | 2433.700 | 99.82 | -12.25 | 54.0 | -45.82 | AV | 337.00 | 150 | Horizontal | N/A |
| 4 | 4810.000 | 51.57 | -2.12 | 74.0 | 22.43 | Peak | 52.00 | 150 | Horizontal | Pass |
| 4** | 4810.000 | 42.06 | -2.12 | 54.0 | 11.94 | AV | 52.00 | 150 | Horizontal | Pass |
| 5 | 13430.138 | 55.94 | 0.40 | 74.0 | 18.06 | Peak | 360.00 | 150 | Horizontal | Pass |
| 5** | 13430.138 | 45.87 | 0.40 | 54.0 | 8.13 | AV | 360.00 | 150 | Horizontal | Pass |
| 6 | 17457.150 | 56.67 | 2.84 | 74.0 | 17.33 | Peak | 189.00 | 100 | Horizontal | Pass |
| 6** | 17457.150 | 47.05 | 2.84 | 54.0 | 6.95 | AV | 189.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1262.200 | 50.60 | -17.10 | 74.0 | 23.40 | Peak | 0.00 | 150 | Vertical | Pass |
| 1** | 1262.200 | 47.97 | -17.10 | 54.0 | 6.03 | AV | 0.00 | 150 | Vertical | Pass |
| 2 | 2432.300 | 104.61 | -12.39 | 74.0 | -30.61 | Peak | 39.00 | 150 | Vertical | N/A |
| 2** | 2432.300 | 97.44 | -12.39 | 54.0 | -43.44 | AV | 39.00 | 150 | Vertical | N/A |
| 3 | 4875.600 | 52.43 | -2.67 | 74.0 | 21.57 | Peak | 0.00 | 150 | Vertical | Pass |
| 3** | 4875.600 | 44.25 | -2.67 | 54.0 | 9.75 | AV | 0.00 | 150 | Vertical | Pass |
| 4 | 6793.400 | 54.79 | 1.11 | 74.0 | 19.21 | Peak | 69.00 | 200 | Vertical | Pass |
| 4** | 6793.400 | 45.91 | 1.11 | 54.0 | 8.09 | AV | 69.00 | 200 | Vertical | Pass |
| 5 | 13336.424 | 55.18 | 1.02 | 74.0 | 18.82 | Peak | 360.00 | 150 | Vertical | Pass |
| 5** | 13336.424 | 46.03 | 1.02 | 54.0 | 7.97 | AV | 360.00 | 150 | Vertical | Pass |
| 6 | 16090.575 | 56.17 | 1.42 | 74.0 | 17.83 | Peak | 235.00 | 400 | Vertical | Pass |
| 6** | 16090.575 | 46.85 | 1.42 | 54.0 | 7.15 | AV | 235.00 | 400 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 52.83 | -17.71 | 74.0 | 21.17 | Peak | 298.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 50.89 | -17.71 | 54.0 | 3.11 | AV | 298.00 | 150 | Horizontal | Pass |
| 2 | 4920.400 | 51.89 | -2.55 | 74.0 | 22.11 | Peak | 315.00 | 150 | Horizontal | Pass |
| 2** | 4920.400 | 43.91 | -2.55 | 54.0 | 10.09 | AV | 315.00 | 150 | Horizontal | Pass |
| 3 | 2467.500 | 107.22 | -11.81 | 74.0 | -33.22 | Peak | 339.00 | 150 | Horizontal | N/A |
| 3** | 2467.500 | 99.79 | -11.81 | 54.0 | -45.79 | AV | 339.00 | 150 | Horizontal | N/A |
| 4 | 6821.000 | 54.78 | 0.34 | 74.0 | 19.22 | Peak | 205.00 | 200 | Horizontal | Pass |
| 4** | 6821.000 | 44.96 | 0.34 | 54.0 | 9.04 | AV | 205.00 | 200 | Horizontal | Pass |
| 5 | 13339.837 | 55.65 | 1.06 | 74.0 | 18.35 | Peak | 0.00 | 150 | Horizontal | Pass |
| 5** | 13339.837 | 46.16 | 1.06 | 54.0 | 7.84 | AV | 0.00 | 150 | Horizontal | Pass |
| 6 | 15516.225 | 55.77 | 1.39 | 74.0 | 18.23 | Peak | 109.00 | 200 | Horizontal | Pass |
| 6** | 15516.225 | 46.76 | 1.39 | 54.0 | 7.24 | AV | 109.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 50.66 | -16.84 | 74.0 | 23.34 | Peak | 39.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.60 | -16.84 | 54.0 | 5.40 | AV | 39.00 | 150 | Vertical | Pass |
| 2 | 2467.400 | 105.46 | -11.82 | 74.0 | -31.46 | Peak | 39.00 | 150 | Vertical | N/A |
| 2** | 2467.400 | 97.83 | -11.82 | 54.0 | -43.83 | AV | 39.00 | 150 | Vertical | N/A |
| 3 | 4926.000 | 51.10 | -2.39 | 74.0 | 22.90 | Peak | 360.00 | 150 | Vertical | Pass |
| 3** | 4926.000 | 45.30 | -2.39 | 54.0 | 8.70 | AV | 360.00 | 150 | Vertical | Pass |
| 4 | 6808.600 | 55.06 | 1.64 | 74.0 | 18.94 | Peak | 258.00 | 200 | Vertical | Pass |
| 4** | 6808.600 | 45.27 | 1.64 | 54.0 | 8.73 | AV | 258.00 | 200 | Vertical | Pass |
| 5 | 13369.763 | 55.90 | 0.70 | 74.0 | 18.10 | Peak | 117.00 | 150 | Vertical | Pass |
| 5** | 13369.763 | 47.02 | 0.70 | 54.0 | 6.98 | AV | 117.00 | 150 | Vertical | Pass |
| 6 | 15809.438 | 55.95 | 2.18 | 74.0 | 18.05 | Peak | 300.00 | 200 | Vertical | Pass |
| 6** | 15809.438 | 46.07 | 2.18 | 54.0 | 7.93 | AV | 300.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 53.96 | -17.71 | 74.0 | 20.04 | Peak | 303.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 51.00 | -17.71 | 54.0 | 3.00 | AV | 303.00 | 150 | Horizontal | Pass |
| 2 | 2406.700 | 107.42 | -10.31 | 74.0 | -33.42 | Peak | 346.00 | 100 | Horizontal | N/A |
| 2** | 2406.700 | 100.11 | -10.31 | 54.0 | -46.11 | AV | 346.00 | 100 | Horizontal | N/A |
| 3 | 2771.600 | 51.97 | -8.52 | 74.0 | 22.03 | Peak | 0.00 | 150 | Horizontal | Pass |
| 3** | 2771.600 | 42.63 | -8.52 | 54.0 | 11.37 | AV | 0.00 | 150 | Horizontal | Pass |
| 4 | 6626.600 | 54.67 | 0.24 | 74.0 | 19.33 | Peak | 278.00 | 400 | Horizontal | Pass |
| 4** | 6626.600 | 45.31 | 0.24 | 54.0 | 8.69 | AV | 278.00 | 400 | Horizontal | Pass |
| 5 | 13430.400 | 55.14 | 0.40 | 74.0 | 18.86 | Peak | 235.00 | 150 | Horizontal | Pass |
| 5** | 13430.400 | 46.52 | 0.40 | 54.0 | 7.48 | AV | 235.00 | 150 | Horizontal | Pass |
| 6 | 17409.374 | 56.10 | 3.43 | 74.0 | 17.90 | Peak | 171.00 | 200 | Horizontal | Pass |
| 6** | 17409.374 | 47.09 | 3.43 | 54.0 | 6.91 | AV | 171.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.800 | 51.23 | -16.82 | 74.0 | 22.77 | Peak | 27.00 | 150 | Vertical | Pass |
| 1** | 1707.800 | 48.85 | -16.82 | 54.0 | 5.15 | AV | 27.00 | 150 | Vertical | Pass |
| 2 | 2406.500 | 104.72 | -10.32 | 74.0 | -30.72 | Peak | 40.00 | 200 | Vertical | N/A |
| 2** | 2406.500 | 97.31 | -10.32 | 54.0 | -43.31 | AV | 40.00 | 200 | Vertical | N/A |
| 3 | 4824.000 | 51.72 | -1.97 | 74.0 | 22.28 | Peak | 0.00 | 200 | Vertical | Pass |
| 3** | 4824.000 | 42.83 | -1.97 | 54.0 | 11.17 | AV | 0.00 | 200 | Vertical | Pass |
| 4 | 6154.600 | 54.54 | 0.27 | 74.0 | 19.46 | Peak | 142.00 | 200 | Vertical | Pass |
| 4** | 6154.600 | 45.03 | 0.27 | 54.0 | 8.97 | AV | 142.00 | 200 | Vertical | Pass |
| 5 | 13412.025 | 55.34 | 0.47 | 74.0 | 18.66 | Peak | 77.00 | 150 | Vertical | Pass |
| 5** | 13412.025 | 46.42 | 0.47 | 54.0 | 7.58 | AV | 77.00 | 150 | Vertical | Pass |
| 6 | 17421.976 | 56.84 | 3.70 | 74.0 | 17.16 | Peak | 0.00 | 100 | Vertical | Pass |
| 6** | 17421.976 | 47.56 | 3.70 | 54.0 | 6.44 | AV | 0.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 52.69 | -17.71 | 74.0 | 21.31 | Peak | 304.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 50.92 | -17.71 | 54.0 | 3.08 | AV | 304.00 | 150 | Horizontal | Pass |
| 2 | 2433.000 | 106.98 | -12.31 | 74.0 | -32.98 | Peak | 341.00 | 100 | Horizontal | N/A |
| 2** | 2433.000 | 99.84 | -12.31 | 54.0 | -45.84 | AV | 341.00 | 100 | Horizontal | N/A |
| 3 | 4880.200 | 52.14 | -2.69 | 74.0 | 21.86 | Peak | 357.00 | 150 | Horizontal | Pass |
| 3** | 4880.200 | 42.24 | -2.69 | 54.0 | 11.76 | AV | 357.00 | 150 | Horizontal | Pass |
| 4 | 6790.200 | 54.75 | 0.72 | 74.0 | 19.25 | Peak | 228.00 | 400 | Horizontal | Pass |
| 4** | 6790.200 | 45.94 | 0.72 | 54.0 | 8.06 | AV | 228.00 | 400 | Horizontal | Pass |
| 5 | 13318.050 | 55.97 | 0.90 | 74.0 | 18.03 | Peak | 279.00 | 150 | Horizontal | Pass |
| 5** | 13318.050 | 47.05 | 0.90 | 54.0 | 6.95 | AV | 279.00 | 150 | Horizontal | Pass |
| 6 | 17346.376 | 56.22 | 1.76 | 74.0 | 17.78 | Peak | 124.00 | 200 | Horizontal | Pass |
| 6** | 17346.376 | 46.31 | 1.76 | 54.0 | 7.69 | AV | 124.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.800 | 52.13 | -16.82 | 74.0 | 21.87 | Peak | 32.00 | 150 | Vertical | Pass |
| 1** | 1707.800 | 48.50 | -16.82 | 54.0 | 5.50 | AV | 32.00 | 150 | Vertical | Pass |
| 2 | 2430.300 | 105.17 | -12.47 | 74.0 | -31.17 | Peak | 47.00 | 200 | Vertical | N/A |
| 2** | 2430.300 | 97.90 | -12.47 | 54.0 | -43.90 | AV | 47.00 | 200 | Vertical | N/A |
| 3 | 4874.200 | 49.76 | -2.66 | 74.0 | 24.24 | Peak | 0.00 | 150 | Vertical | Pass |
| 3** | 4874.200 | 44.92 | -2.66 | 54.0 | 9.08 | AV | 0.00 | 150 | Vertical | Pass |
| 4 | 6806.400 | 54.83 | 2.33 | 74.0 | 19.17 | Peak | 298.00 | 300 | Vertical | Pass |
| 4** | 6806.400 | 45.80 | 2.33 | 54.0 | 8.20 | AV | 298.00 | 300 | Vertical | Pass |
| 5 | 13441.424 | 55.53 | 0.50 | 74.0 | 18.47 | Peak | 332.00 | 150 | Vertical | Pass |
| 5** | 13441.424 | 46.12 | 0.50 | 54.0 | 7.88 | AV | 332.00 | 150 | Vertical | Pass |
| 6 | 17433.000 | 56.21 | 3.34 | 74.0 | 17.79 | Peak | 259.00 | 200 | Vertical | Pass |
| 6** | 17433.000 | 46.99 | 3.34 | 54.0 | 7.01 | AV | 259.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 53.46 | -17.71 | 74.0 | 20.54 | Peak | 303.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 50.93 | -17.71 | 54.0 | 3.07 | AV | 303.00 | 150 | Horizontal | Pass |
| 2 | 2468.500 | 107.42 | -11.73 | 74.0 | -33.42 | Peak | 342.00 | 100 | Horizontal | N/A |
| 2** | 2468.500 | 99.69 | -11.73 | 54.0 | -45.69 | AV | 342.00 | 100 | Horizontal | N/A |
| 3 | 4929.000 | 52.96 | -2.45 | 74.0 | 21.04 | Peak | 302.00 | 150 | Horizontal | Pass |
| 3** | 4929.000 | 42.62 | -2.45 | 54.0 | 11.38 | AV | 302.00 | 150 | Horizontal | Pass |
| 4 | 6655.200 | 54.68 | -0.20 | 74.0 | 19.32 | Peak | 360.00 | 150 | Horizontal | Pass |
| 4** | 6655.200 | 45.02 | -0.20 | 54.0 | 8.98 | AV | 360.00 | 150 | Horizontal | Pass |
| 5 | 13330.125 | 55.84 | 0.94 | 74.0 | 18.16 | Peak | 84.00 | 150 | Horizontal | Pass |
| 5** | 13330.125 | 46.50 | 0.94 | 54.0 | 7.50 | AV | 84.00 | 150 | Horizontal | Pass |
| 6 | 17423.813 | 56.26 | 3.65 | 74.0 | 17.74 | Peak | 39.00 | 200 | Horizontal | Pass |
| 6** | 17423.813 | 47.52 | 3.65 | 54.0 | 6.48 | AV | 39.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.900 | 51.21 | -16.84 | 74.0 | 22.79 | Peak | 32.00 | 150 | Vertical | Pass |
| 1** | 1707.900 | 48.63 | -16.84 | 54.0 | 5.37 | AV | 32.00 | 150 | Vertical | Pass |
| 2 | 2457.500 | 105.38 | -12.04 | 74.0 | -31.38 | Peak | 39.00 | 150 | Vertical | N/A |
| 2** | 2457.500 | 97.63 | -12.04 | 54.0 | -43.63 | AV | 39.00 | 150 | Vertical | N/A |
| 3 | 4923.000 | 50.54 | -2.44 | 74.0 | 23.46 | Peak | 11.00 | 150 | Vertical | Pass |
| 3** | 4923.000 | 45.82 | -2.44 | 54.0 | 8.18 | AV | 11.00 | 150 | Vertical | Pass |
| 4 | 6610.400 | 55.07 | 0.65 | 74.0 | 18.93 | Peak | 343.00 | 400 | Vertical | Pass |
| 4** | 6610.400 | 45.22 | 0.65 | 54.0 | 8.78 | AV | 343.00 | 400 | Vertical | Pass |
| 5 | 13410.187 | 55.62 | 0.50 | 74.0 | 18.38 | Peak | 181.00 | 150 | Vertical | Pass |
| 5** | 13410.187 | 46.24 | 0.50 | 54.0 | 7.76 | AV | 181.00 | 150 | Vertical | Pass |
| 6 | 17362.651 | 56.21 | 2.28 | 74.0 | 17.79 | Peak | 360.00 | 200 | Vertical | Pass |
| 6** | 17362.651 | 46.28 | 2.28 | 54.0 | 7.72 | AV | 360.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 53.74 | -17.71 | 74.0 | 20.26 | Peak | 301.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 50.89 | -17.71 | 54.0 | 3.11 | AV | 301.00 | 150 | Horizontal | Pass |
| 2 | 2435.200 | 104.74 | -12.16 | 74.0 | -30.74 | Peak | 339.00 | 100 | Horizontal | N/A |
| 2** | 2435.200 | 97.14 | -12.16 | 54.0 | -43.14 | AV | 339.00 | 100 | Horizontal | N/A |
| 3 | 5496.800 | 52.81 | -1.57 | 74.0 | 21.19 | Peak | 337.00 | 150 | Horizontal | Pass |
| 3** | 5496.800 | 43.64 | -1.57 | 54.0 | 10.36 | AV | 337.00 | 150 | Horizontal | Pass |
| 4 | 6799.800 | 54.62 | 1.38 | 74.0 | 19.38 | Peak | 22.00 | 100 | Horizontal | Pass |
| 4** | 6799.800 | 45.40 | 1.38 | 54.0 | 8.60 | AV | 22.00 | 100 | Horizontal | Pass |
| 5 | 13304.662 | 55.73 | 0.87 | 74.0 | 18.27 | Peak | 233.00 | 150 | Horizontal | Pass |
| 5** | 13304.662 | 46.49 | 0.87 | 54.0 | 7.51 | AV | 233.00 | 150 | Horizontal | Pass |
| 6 | 17422.500 | 56.72 | 3.69 | 74.0 | 17.28 | Peak | 0.00 | 300 | Horizontal | Pass |
| 6** | 17422.500 | 46.93 | 3.69 | 54.0 | 7.07 | AV | 0.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1707.800 | 51.54 | -16.82 | 74.0 | 22.46 | Peak | 35.00 | 150 | Vertical | Pass |
| 1** | 1707.800 | 48.44 | -16.82 | 54.0 | 5.56 | AV | 35.00 | 150 | Vertical | Pass |
| 2 | 2434.900 | 102.19 | -12.17 | 74.0 | -28.19 | Peak | 43.00 | 100 | Vertical | N/A |
| 2** | 2434.900 | 95.06 | -12.17 | 54.0 | -41.06 | AV | 43.00 | 100 | Vertical | N/A |
| 3 | 4847.600 | 51.59 | -2.70 | 74.0 | 22.41 | Peak | 158.00 | 150 | Vertical | Pass |
| 3** | 4847.600 | 42.97 | -2.70 | 54.0 | 11.03 | AV | 158.00 | 150 | Vertical | Pass |
| 4 | 6793.400 | 54.61 | 1.11 | 74.0 | 19.39 | Peak | 192.00 | 300 | Vertical | Pass |
| 4** | 6793.400 | 46.61 | 1.11 | 54.0 | 7.39 | AV | 192.00 | 300 | Vertical | Pass |
| 5 | 13424.362 | 55.47 | 0.40 | 74.0 | 18.53 | Peak | 113.00 | 150 | Vertical | Pass |
| 5** | 13424.362 | 46.08 | 0.40 | 54.0 | 7.92 | AV | 113.00 | 150 | Vertical | Pass |
| 6 | 17428.537 | 57.18 | 3.50 | 74.0 | 16.82 | Peak | 360.00 | 100 | Vertical | Pass |
| 6** | 17428.537 | 46.87 | 3.50 | 54.0 | 7.13 | AV | 360.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.700 | 53.68 | -17.71 | 74.0 | 20.32 | Peak | 304.00 | 150 | Horizontal | Pass |
| 1** | 1039.700 | 50.98 | -17.71 | 54.0 | 3.02 | AV | 304.00 | 150 | Horizontal | Pass |
| 2 | 2424.800 | 104.29 | -12.59 | 74.0 | -30.29 | Peak | 344.00 | 200 | Horizontal | N/A |
| 2** | 2424.800 | 96.55 | -12.59 | 54.0 | -42.55 | AV | 344.00 | 200 | Horizontal | N/A |
| 3 | 4799.000 | 51.60 | -2.94 | 74.0 | 22.40 | Peak | 134.00 | 150 | Horizontal | Pass |
| 3** | 4799.000 | 41.88 | -2.94 | 54.0 | 12.12 | AV | 134.00 | 150 | Horizontal | Pass |
| 4 | 6975.000 | 54.24 | 1.41 | 74.0 | 19.76 | Peak | 134.00 | 300 | Horizontal | Pass |
| 4** | 6975.000 | 45.46 | 1.41 | 54.0 | 8.54 | AV | 134.00 | 300 | Horizontal | Pass |
| 5 | 13407.037 | 55.57 | 0.53 | 74.0 | 18.43 | Peak | 157.00 | 150 | Horizontal | Pass |
| 5** | 13407.037 | 46.68 | 0.53 | 54.0 | 7.32 | AV | 157.00 | 150 | Horizontal | Pass |
| 6 | 17403.863 | 55.70 | 3.29 | 74.0 | 18.30 | Peak | 241.00 | 200 | Horizontal | Pass |
| 6** | 17403.863 | 46.43 | 3.29 | 54.0 | 7.57 | AV | 241.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1708.100 | 51.01 | -16.87 | 74.0 | 22.99 | Peak | 36.00 | 150 | Vertical | Pass |
| 1** | 1708.100 | 48.32 | -16.87 | 54.0 | 5.68 | AV | 36.00 | 150 | Vertical | Pass |
| 2 | 2433.500 | 101.98 | -12.27 | 74.0 | -27.98 | Peak | 42.00 | 200 | Vertical | N/A |
| 2** | 2433.500 | 94.47 | -12.27 | 54.0 | -40.47 | AV | 42.00 | 200 | Vertical | N/A |
| 3 | 5159.000 | 52.11 | -1.47 | 74.0 | 21.89 | Peak | 337.00 | 150 | Vertical | Pass |
| 3** | 5159.000 | 42.82 | -1.47 | 54.0 | 11.18 | AV | 337.00 | 150 | Vertical | Pass |
| 4 | 6996.000 | 54.44 | 1.55 | 74.0 | 19.56 | Peak | 179.00 | 100 | Vertical | Pass |
| 4** | 6996.000 | 44.78 | 1.55 | 54.0 | 9.22 | AV | 179.00 | 100 | Vertical | Pass |
| 5 | 13265.812 | 56.00 | 0.68 | 74.0 | 18.00 | Peak | 98.00 | 100 | Vertical | Pass |
| 5** | 13265.812 | 45.17 | 0.68 | 54.0 | 8.83 | AV | 98.00 | 100 | Vertical | Pass |
| 6 | 15233.512 | 55.05 | 0.98 | 74.0 | 18.95 | Peak | 0.00 | 150 | Vertical | Pass |
| 6** | 15233.512 | 46.67 | 0.98 | 54.0 | 7.33 | AV | 0.00 | 150 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1039.500 | 53.12 | -17.71 | 74.0 | 20.88 | Peak | 305.00 | 150 | Horizontal | Pass |
| 1** | 1039.500 | 50.95 | -17.71 | 54.0 | 3.05 | AV | 305.00 | 150 | Horizontal | Pass |
| 2 | 2467.200 | 104.27 | -11.83 | 74.0 | -30.27 | Peak | 335.00 | 200 | Horizontal | N/A |
| 2** | 2467.200 | 95.89 | -11.83 | 54.0 | -41.89 | AV | 335.00 | 200 | Horizontal | N/A |
| 3 | 5498.000 | 52.74 | -1.60 | 74.0 | 21.26 | Peak | 55.00 | 150 | Horizontal | Pass |
| 3** | 5498.000 | 43.82 | -1.60 | 54.0 | 10.18 | AV | 55.00 | 150 | Horizontal | Pass |
| 4 | 6978.400 | 54.69 | 1.83 | 74.0 | 19.31 | Peak | 93.00 | 300 | Horizontal | Pass |
| 4** | 6978.400 | 46.65 | 1.83 | 54.0 | 7.35 | AV | 93.00 | 300 | Horizontal | Pass |
| 5 | 13448.513 | 55.98 | 0.59 | 74.0 | 18.02 | Peak | 73.00 | 150 | Horizontal | Pass |
| 5** | 13448.513 | 47.31 | 0.59 | 54.0 | 6.69 | AV | 73.00 | 150 | Horizontal | Pass |
| 6 | 17416.989 | 56.26 | 3.69 | 74.0 | 17.74 | Peak | 349.00 | 400 | Horizontal | Pass |
| 6** | 17416.989 | 47.29 | 3.69 | 54.0 | 6.71 | AV | 349.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1708.000 | 50.87 | -16.85 | 74.0 | 23.13 | Peak | 34.00 | 150 | Vertical | Pass |
| 1** | 1708.000 | 48.10 | -16.85 | 54.0 | 5.90 | AV | 34.00 | 150 | Vertical | Pass |
| 2 | 2465.700 | 102.50 | -11.87 | 74.0 | -28.50 | Peak | 40.00 | 100 | Vertical | N/A |
| 2** | 2465.700 | 95.64 | -11.87 | 54.0 | -41.64 | AV | 40.00 | 100 | Vertical | N/A |
| 3 | 4917.800 | 51.36 | -2.91 | 74.0 | 22.64 | Peak | 360.00 | 150 | Vertical | Pass |
| 3** | 4917.800 | 42.50 | -2.91 | 54.0 | 11.50 | AV | 360.00 | 150 | Vertical | Pass |
| 4 | 6809.800 | 54.48 | 1.52 | 74.0 | 19.52 | Peak | 290.00 | 400 | Vertical | Pass |
| 4** | 6809.800 | 45.16 | 1.52 | 54.0 | 8.84 | AV | 290.00 | 400 | Vertical | Pass |
| 5 | 13342.725 | 56.01 | 1.05 | 74.0 | 17.99 | Peak | 116.00 | 150 | Vertical | Pass |
| 5** | 13342.725 | 45.90 | 1.05 | 54.0 | 8.10 | AV | 116.00 | 150 | Vertical | Pass |
| 6 | 17472.113 | 56.69 | 2.87 | 74.0 | 17.31 | Peak | 164.00 | 200 | Vertical | Pass |
| 6** | 17472.113 | 47.20 | 2.87 | 54.0 | 6.80 | AV | 164.00 | 200 | Vertical | Pass |

## A.7 Band Edge (Restricted-band band-edge)

Note [1]: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

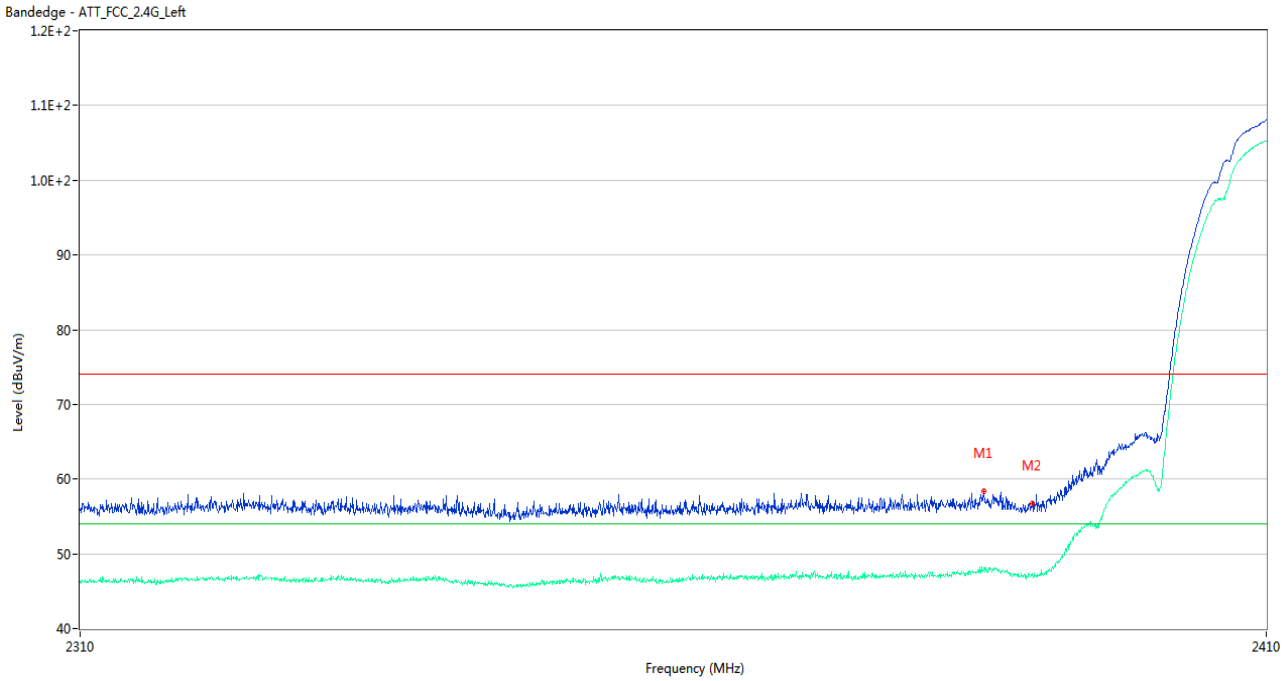
Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note [3]: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Test Data and Plots

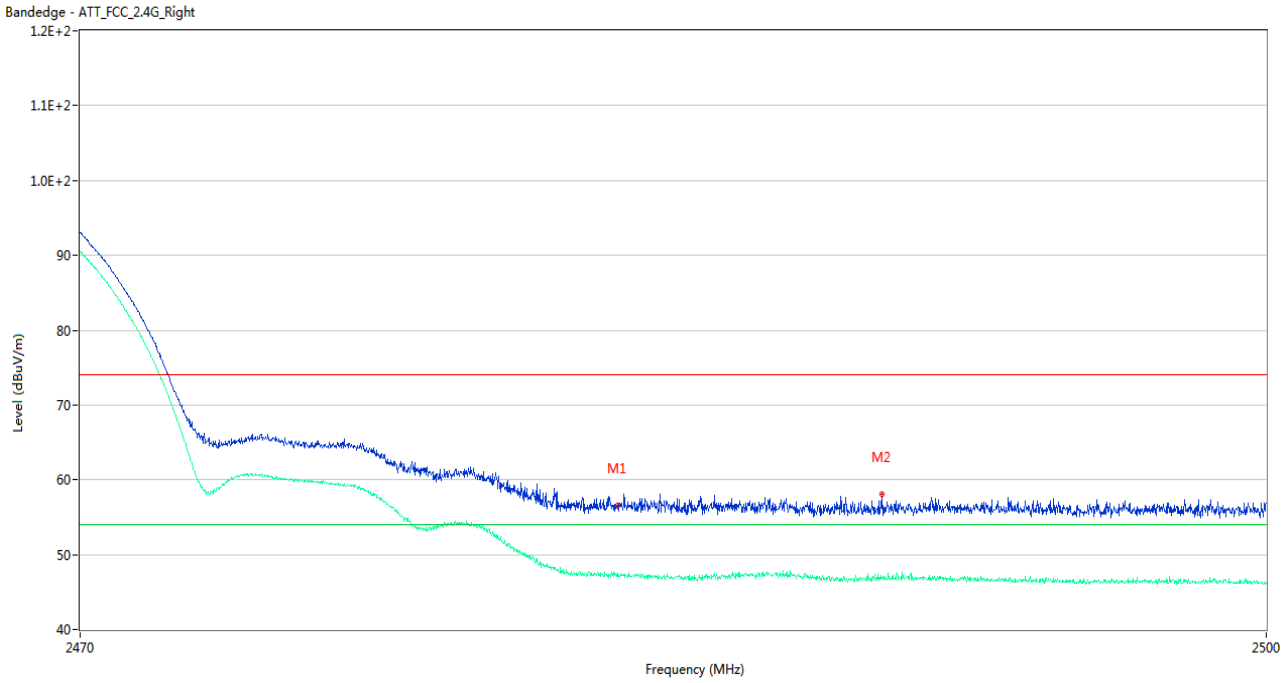
Antenna 1

802.11b LOW CHANNEL



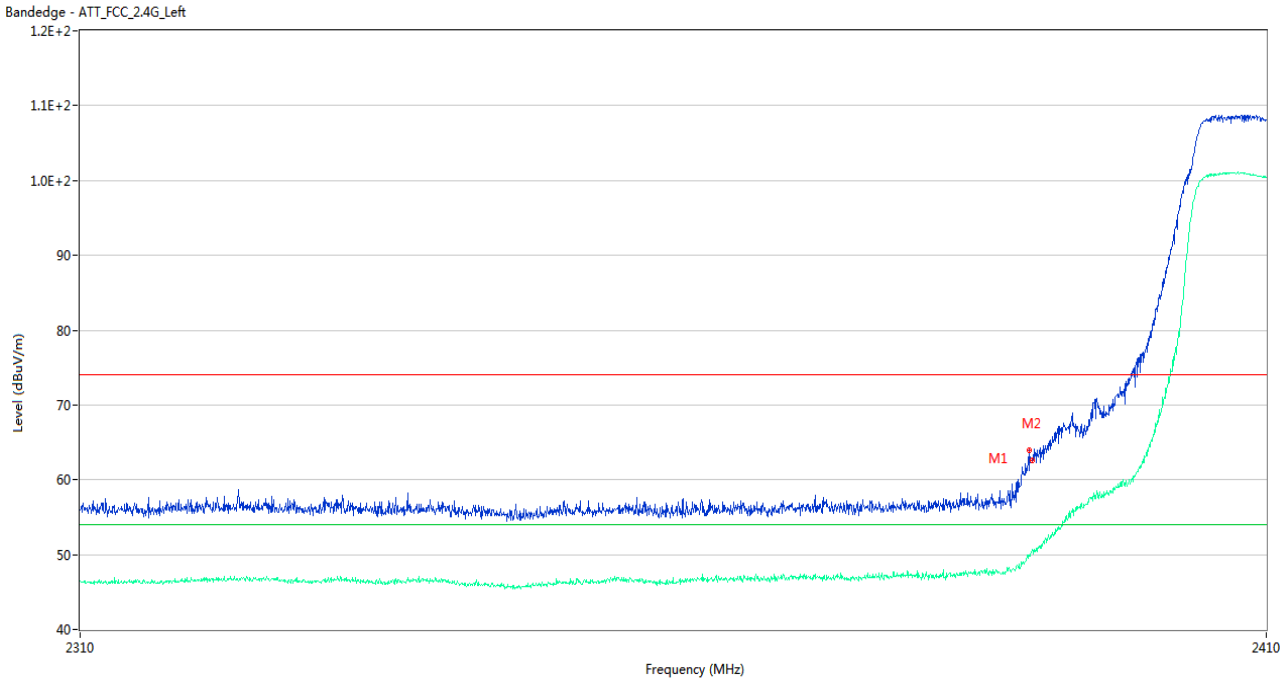

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2385.800 | 58.44 | 2.41 | 74.0 | 15.56 | Peak | 299.00 | 150 | Horizontal | Pass |
| 1** | 2385.800 | 48.07 | 2.41 | 54.0 | 5.93 | AV | 299.00 | 150 | Horizontal | Pass |
| 2 | 2389.950 | 56.78 | 1.92 | 74.0 | 17.22 | Peak | 299.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 47.26 | 1.92 | 54.0 | 6.74 | AV | 299.00 | 150 | Horizontal | Pass |

## 802.11b HIGH CHANNEL



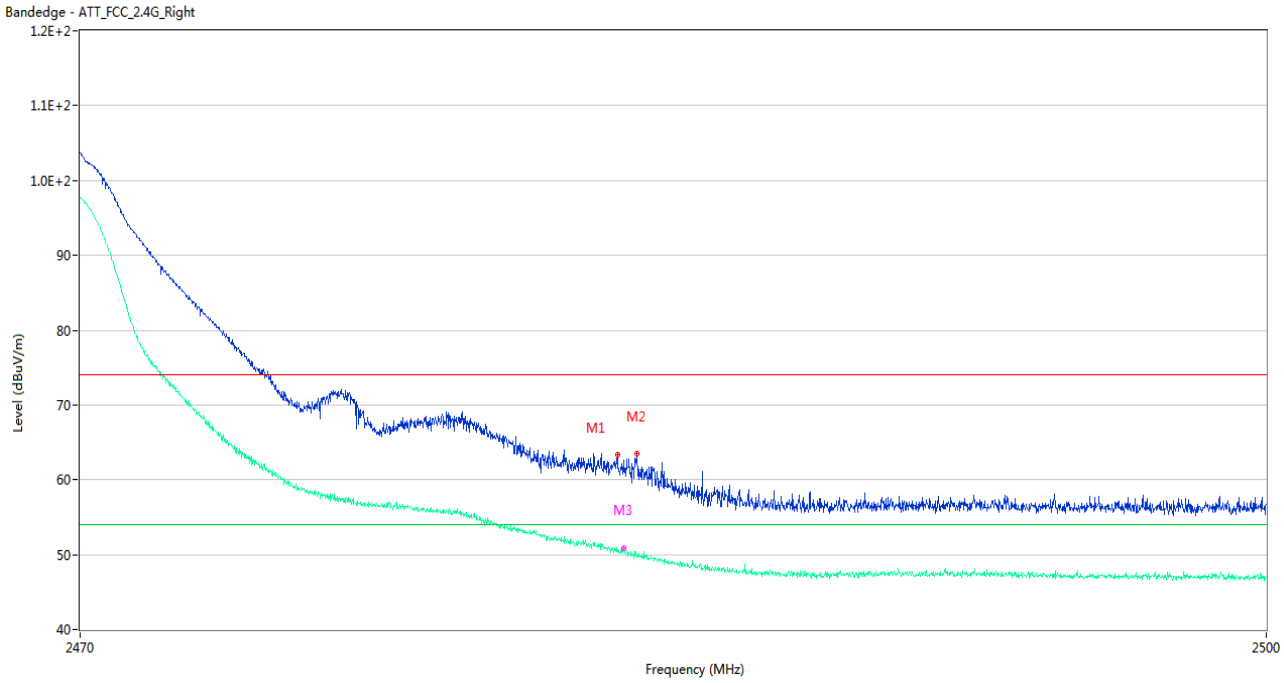

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.545 | 56.62 | 2.11 | 74.0 | 17.38 | Peak | 331.00 | 200 | Horizontal | Pass |
| 1** | 2483.545 | 47.13 | 2.11 | 54.0 | 6.87 | AV | 331.00 | 200 | Horizontal | Pass |
| 2 | 2490.250 | 58.10 | 1.74 | 74.0 | 15.90 | Peak | 301.00 | 150 | Horizontal | Pass |
| 2** | 2490.250 | 46.73 | 1.74 | 54.0 | 7.27 | AV | 301.00 | 150 | Horizontal | Pass |

## 802.11g LOW CHANNEL



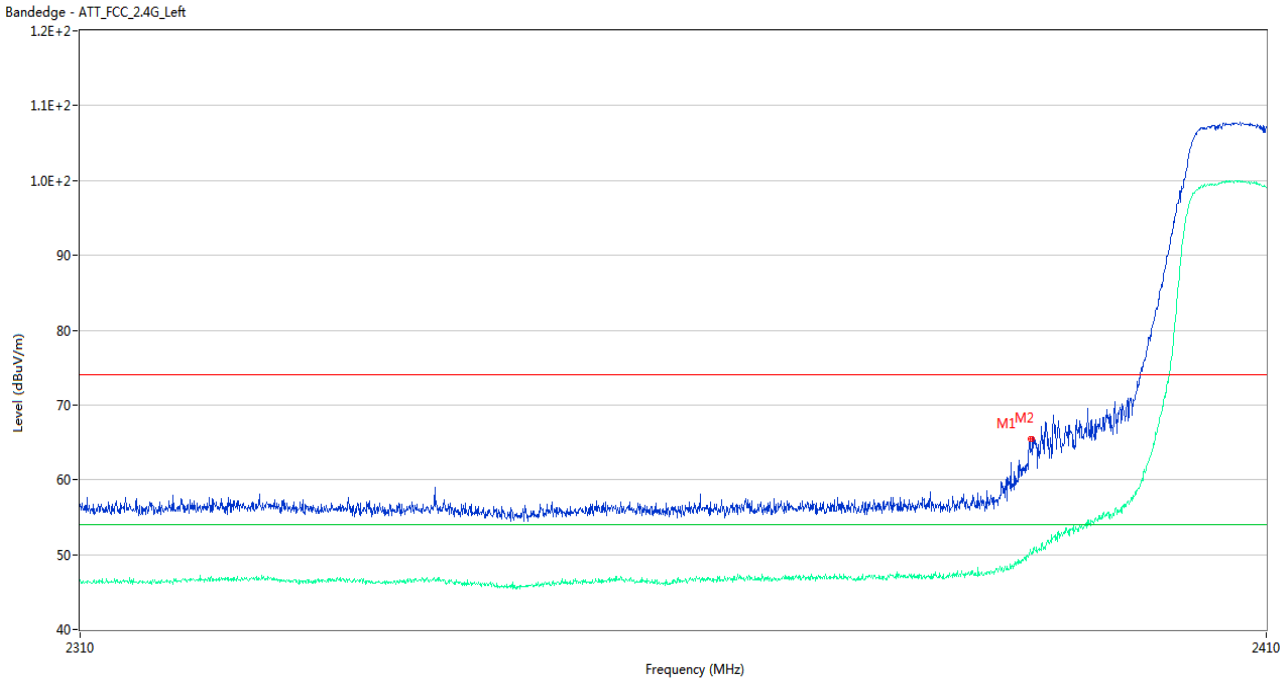

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2389.650 | 63.95 | 1.92 | 74.0 | 10.05 | Peak | 306.00 | 150 | Horizontal | Pass |
| 1** | 2389.650 | 49.91 | 1.92 | 54.0 | 4.09 | AV | 306.00 | 150 | Horizontal | Pass |
| 2 | 2389.950 | 62.60 | 1.92 | 74.0 | 11.40 | Peak | 313.00 | 200 | Horizontal | Pass |
| 2** | 2389.950 | 50.48 | 1.92 | 54.0 | 3.52 | AV | 313.00 | 200 | Horizontal | Pass |

## 802.11g HIGH CHANNEL



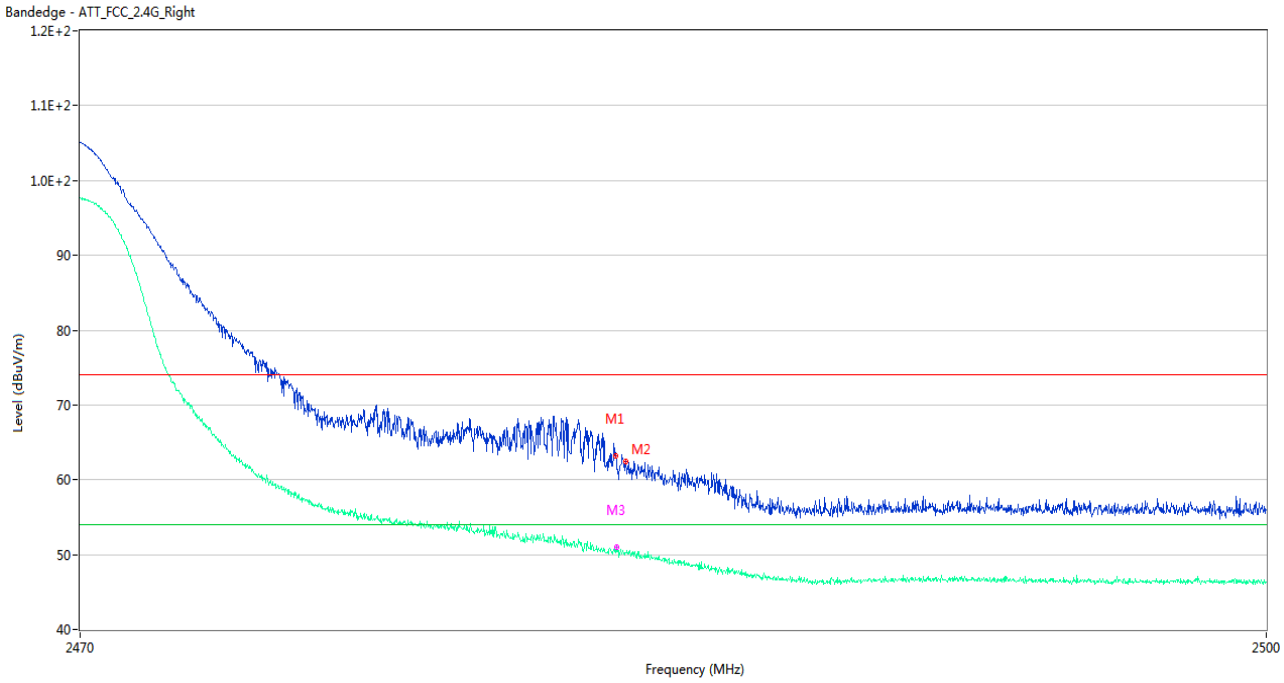

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.545 | 63.30 | 2.11 | 74.0 | 10.70 | Peak | 294.00 | 150 | Horizontal | Pass |
| 1** | 2483.545 | 50.35 | 2.11 | 54.0 | 3.65 | AV | 294.00 | 150 | Horizontal | Pass |
| 2 | 2484.040 | 63.49 | 2.13 | 74.0 | 10.51 | Peak | 304.00 | 200 | Horizontal | Pass |
| 2** | 2484.040 | 49.82 | 2.13 | 54.0 | 4.18 | AV | 304.00 | 200 | Horizontal | Pass |
| 3 | 2483.710 | 61.08 | 2.12 | 74.0 | 12.92 | Peak | 299.00 | 150 | Horizontal | Pass |
| 3** | 2483.710 | 50.86 | 2.12 | 54.0 | 3.14 | AV | 299.00 | 150 | Horizontal | Pass |

## 802.11n20 LOW CHANNEL



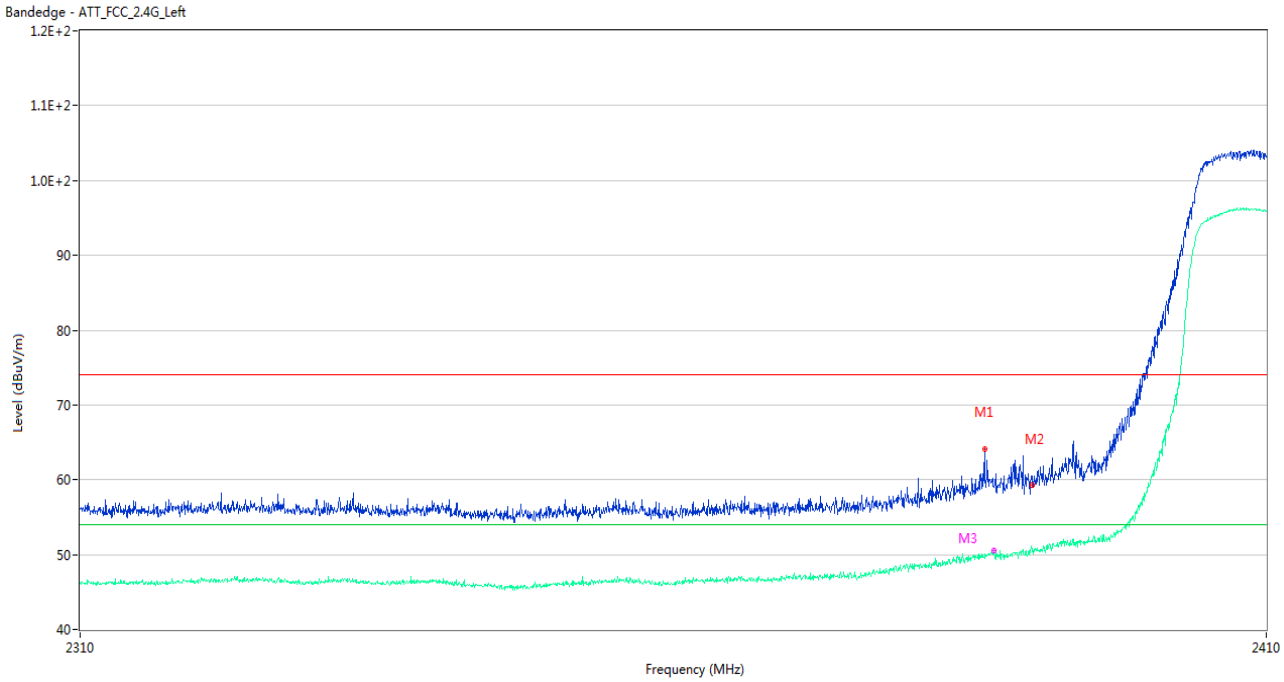

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2389.750 | 65.43 | 1.92 | 74.0 | 8.57 | Peak | 316.00 | 100 | Horizontal | Pass |
| 1** | 2389.750 | 50.74 | 1.92 | 54.0 | 3.26 | AV | 316.00 | 100 | Horizontal | Pass |
| 2 | 2389.950 | 65.52 | 1.92 | 74.0 | 8.48 | Peak | 316.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 50.14 | 1.92 | 54.0 | 3.86 | AV | 316.00 | 150 | Horizontal | Pass |

## 802.11n20 HIGH CHANNEL



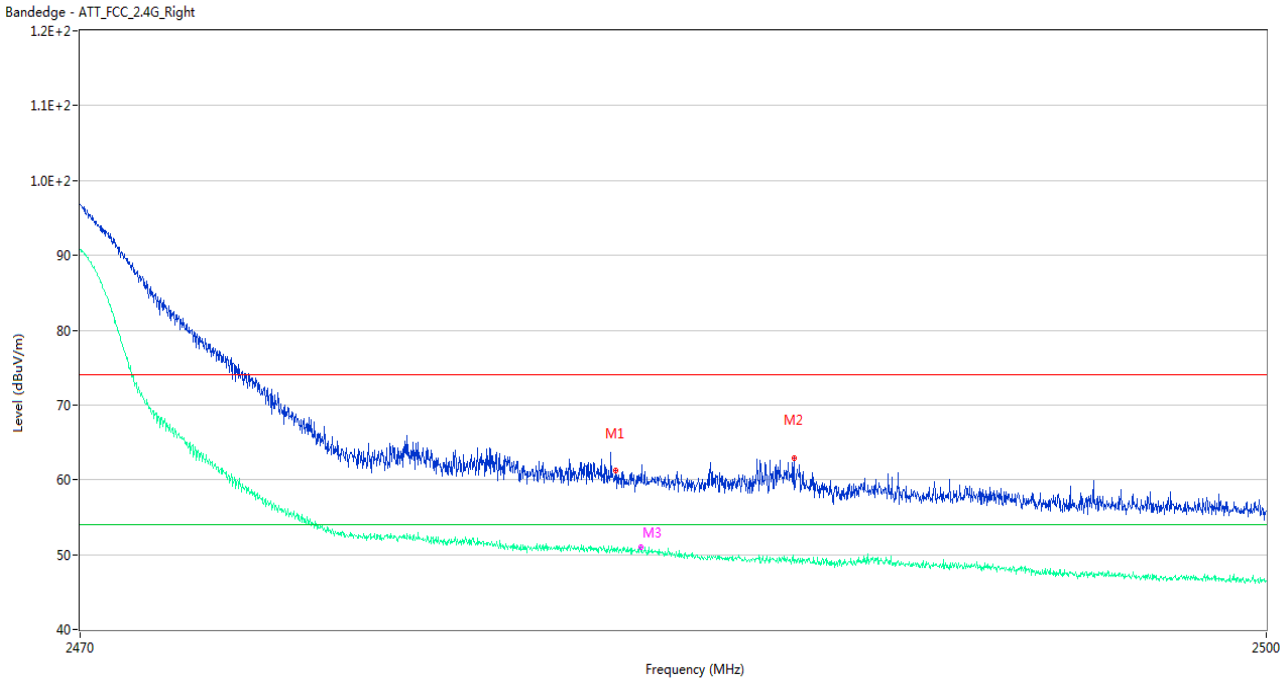

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 63.22 | 2.11 | 74.0 | 10.78 | Peak | 299.00 | 200 | Horizontal | Pass |
| 1** | 2483.500 | 50.19 | 2.11 | 54.0 | 3.81 | AV | 299.00 | 200 | Horizontal | Pass |
| 2 | 2483.755 | 62.45 | 2.12 | 74.0 | 11.55 | Peak | 291.00 | 100 | Horizontal | Pass |
| 2** | 2483.755 | 50.28 | 2.12 | 54.0 | 3.72 | AV | 291.00 | 100 | Horizontal | Pass |
| 3 | 2483.515 | 62.91 | 2.11 | 74.0 | 11.09 | Peak | 314.00 | 150 | Horizontal | Pass |
| 3** | 2483.515 | 50.92 | 2.11 | 54.0 | 3.08 | AV | 314.00 | 150 | Horizontal | Pass |

## 802.11n40 LOW CHANNEL




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2385.850 | 64.06 | 2.41 | 74.0 | 9.94 | Peak | 313.00 | 200 | Horizontal | Pass |
| 1** | 2385.850 | 49.53 | 2.41 | 54.0 | 4.47 | AV | 313.00 | 200 | Horizontal | Pass |
| 2 | 2389.950 | 59.23 | 1.92 | 74.0 | 14.77 | Peak | 308.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 50.48 | 1.92 | 54.0 | 3.52 | AV | 308.00 | 150 | Horizontal | Pass |
| 3 | 2386.700 | 59.00 | 2.39 | 74.0 | 15.00 | Peak | 301.00 | 150 | Horizontal | Pass |
| 3** | 2386.700 | 50.55 | 2.39 | 54.0 | 3.45 | AV | 301.00 | 150 | Horizontal | Pass |

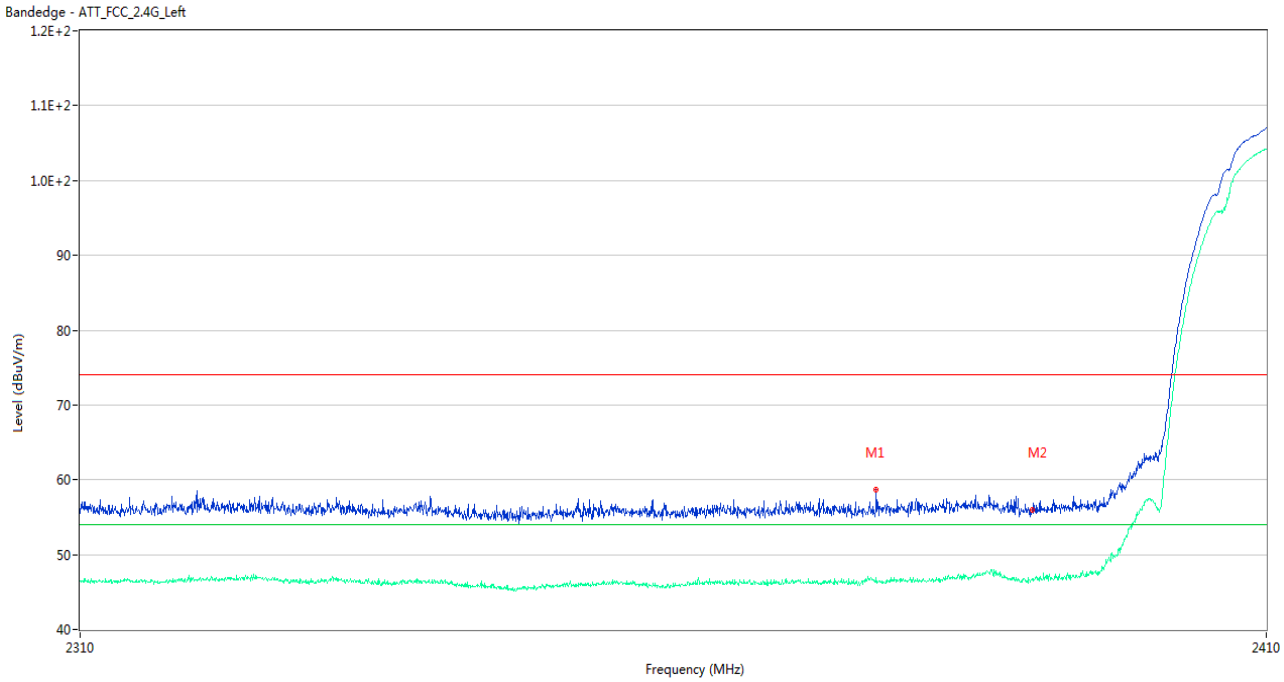
## 802.11n40 HIGH CHANNEL




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.500 | 61.17 | 2.11 | 74.0 | 12.83 | Peak | 309.00 | 200 | Horizontal | Pass |
| 1** | 2483.500 | 50.52 | 2.11 | 54.0 | 3.48 | AV | 309.00 | 200 | Horizontal | Pass |
| 2 | 2488.015 | 62.97 | 1.58 | 74.0 | 11.03 | Peak | 305.00 | 200 | Horizontal | Pass |
| 2** | 2488.015 | 48.85 | 1.58 | 54.0 | 5.15 | AV | 305.00 | 200 | Horizontal | Pass |
| 3 | 2484.145 | 59.58 | 2.13 | 74.0 | 14.42 | Peak | 321.00 | 150 | Horizontal | Pass |
| 3** | 2484.145 | 50.97 | 2.13 | 54.0 | 3.03 | AV | 321.00 | 150 | Horizontal | Pass |

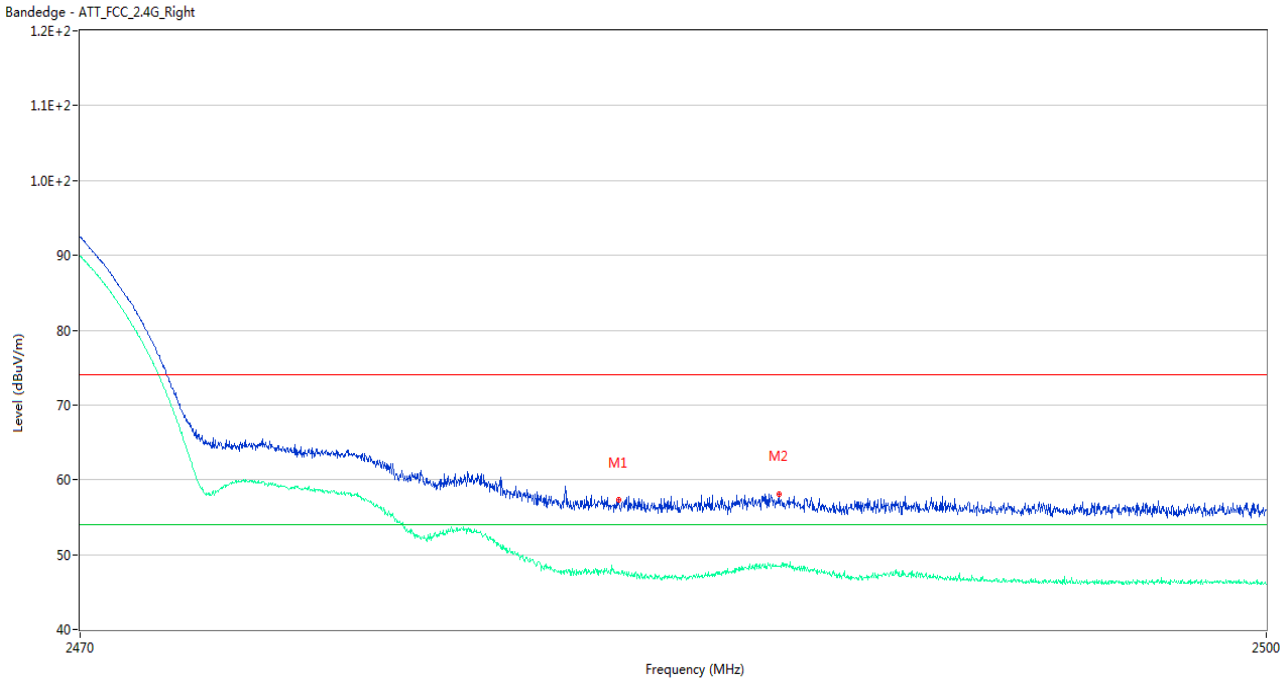
## Antenna 2

### 802.11b LOW CHANNEL



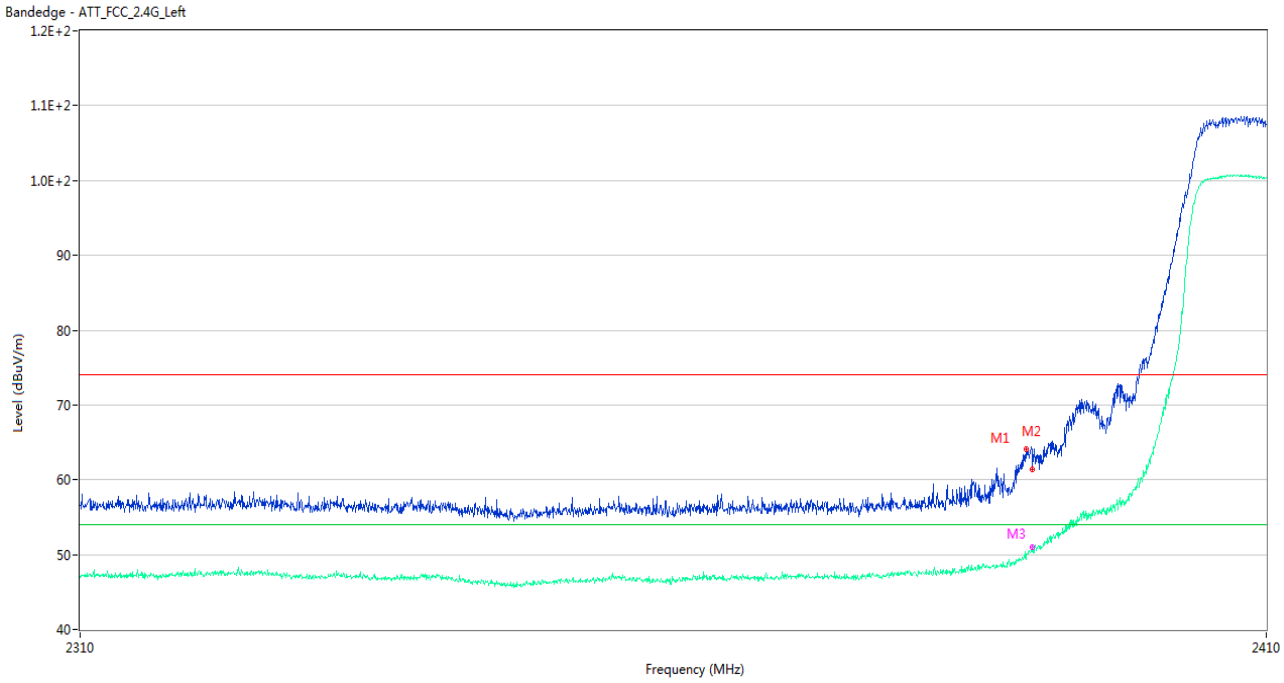

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2376.650 | 58.67 | 1.85 | 74.0 | 15.33 | Peak | 278.00 | 100 | Horizontal | Pass |
| 1** | 2376.650 | 46.94 | 1.85 | 54.0 | 7.06 | AV | 278.00 | 100 | Horizontal | Pass |
| 2 | 2389.950 | 56.03 | 1.92 | 74.0 | 17.97 | Peak | 340.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 46.84 | 1.92 | 54.0 | 7.16 | AV | 340.00 | 150 | Horizontal | Pass |

## 802.11b HIGH CHANNEL



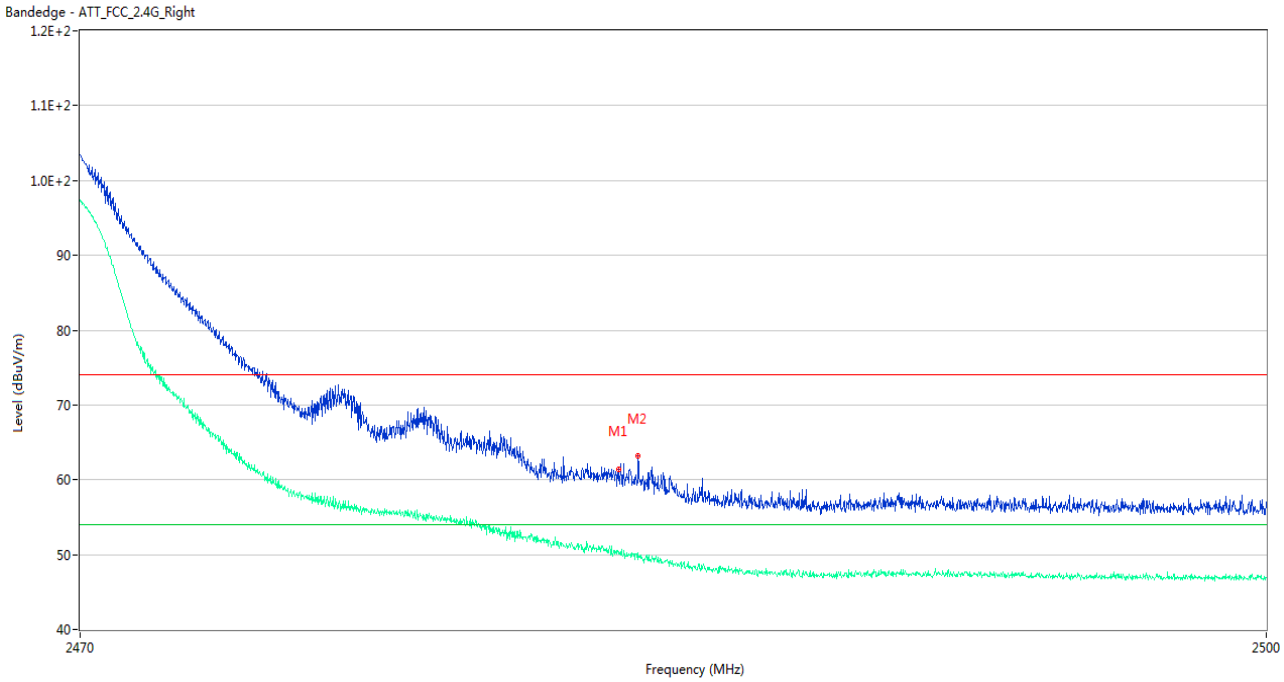

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.590 | 57.32 | 2.11 | 74.0 | 16.68 | Peak | 0.00 | 100 | Horizontal | Pass |
| 1** | 2483.590 | 47.75 | 2.11 | 54.0 | 6.25 | AV | 0.00 | 100 | Horizontal | Pass |
| 2 | 2487.625 | 58.15 | 1.65 | 74.0 | 15.85 | Peak | 287.00 | 100 | Horizontal | Pass |
| 2** | 2487.625 | 48.42 | 1.65 | 54.0 | 5.58 | AV | 287.00 | 100 | Horizontal | Pass |

## 802.11g LOW CHANNEL



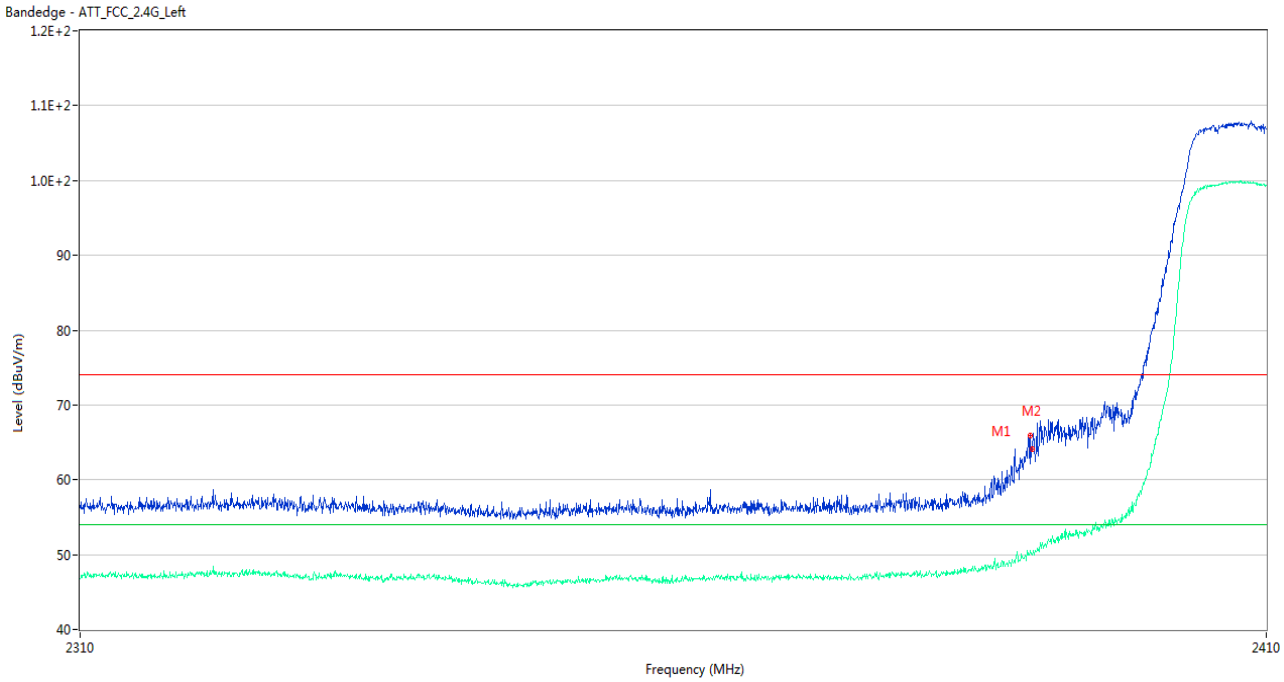

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2389.400 | 64.13 | 1.91 | 74.0 | 9.87 | Peak | 344.00 | 150 | Horizontal | Pass |
| 1** | 2389.400 | 49.38 | 1.91 | 54.0 | 4.62 | AV | 344.00 | 150 | Horizontal | Pass |
| 2 | 2389.950 | 61.45 | 1.92 | 74.0 | 12.55 | Peak | 284.00 | 200 | Horizontal | Pass |
| 2** | 2389.950 | 50.38 | 1.92 | 54.0 | 3.62 | AV | 284.00 | 200 | Horizontal | Pass |
| 3 | 2389.900 | 64.07 | 1.92 | 74.0 | 9.93 | Peak | 344.00 | 150 | Horizontal | Pass |
| 3** | 2389.900 | 50.98 | 1.92 | 54.0 | 3.02 | AV | 344.00 | 150 | Horizontal | Pass |

## 802.11g HIGH CHANNEL



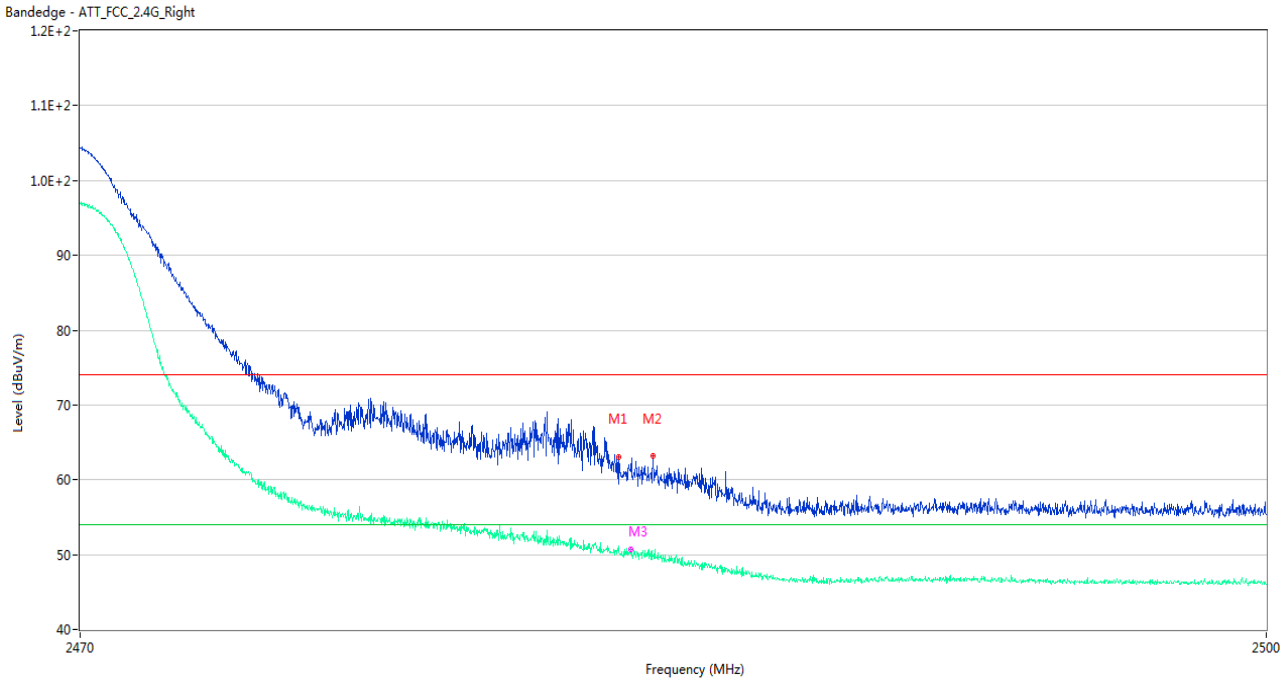

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.590 | 61.45 | 2.11 | 74.0 | 12.55 | Peak | 341.00 | 150 | Horizontal | Pass |
| 1** | 2483.590 | 50.40 | 2.11 | 54.0 | 3.60 | AV | 341.00 | 150 | Horizontal | Pass |
| 2 | 2484.070 | 63.18 | 2.13 | 74.0 | 10.82 | Peak | 339.00 | 200 | Horizontal | Pass |
| 2** | 2484.070 | 50.21 | 2.13 | 54.0 | 3.79 | AV | 339.00 | 200 | Horizontal | Pass |

## 802.11n20 LOW CHANNEL



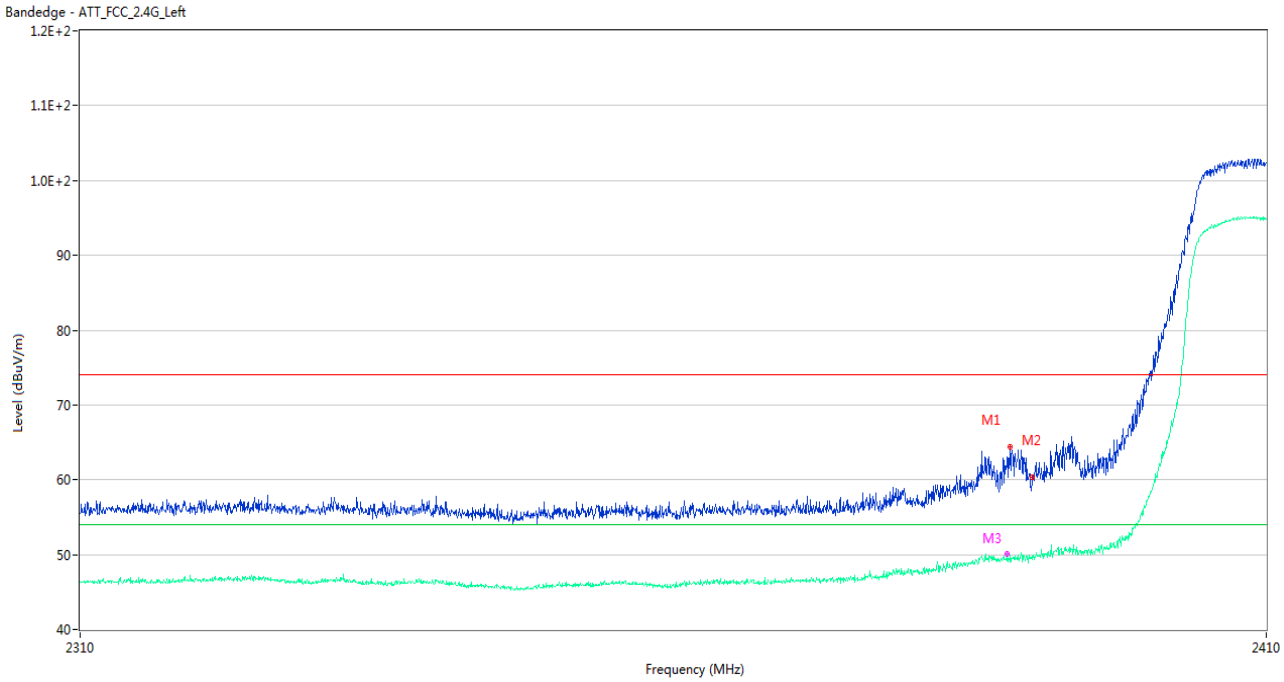

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2389.750 | 65.96 | 1.92 | 74.0 | 8.04 | Peak | 343.00 | 150 | Horizontal | Pass |
| 1** | 2389.750 | 50.32 | 1.92 | 54.0 | 3.68 | AV | 343.00 | 150 | Horizontal | Pass |
| 2 | 2389.950 | 64.16 | 1.92 | 74.0 | 9.84 | Peak | 338.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 49.88 | 1.92 | 54.0 | 4.12 | AV | 338.00 | 150 | Horizontal | Pass |

## 802.11n20 HIGH CHANNEL



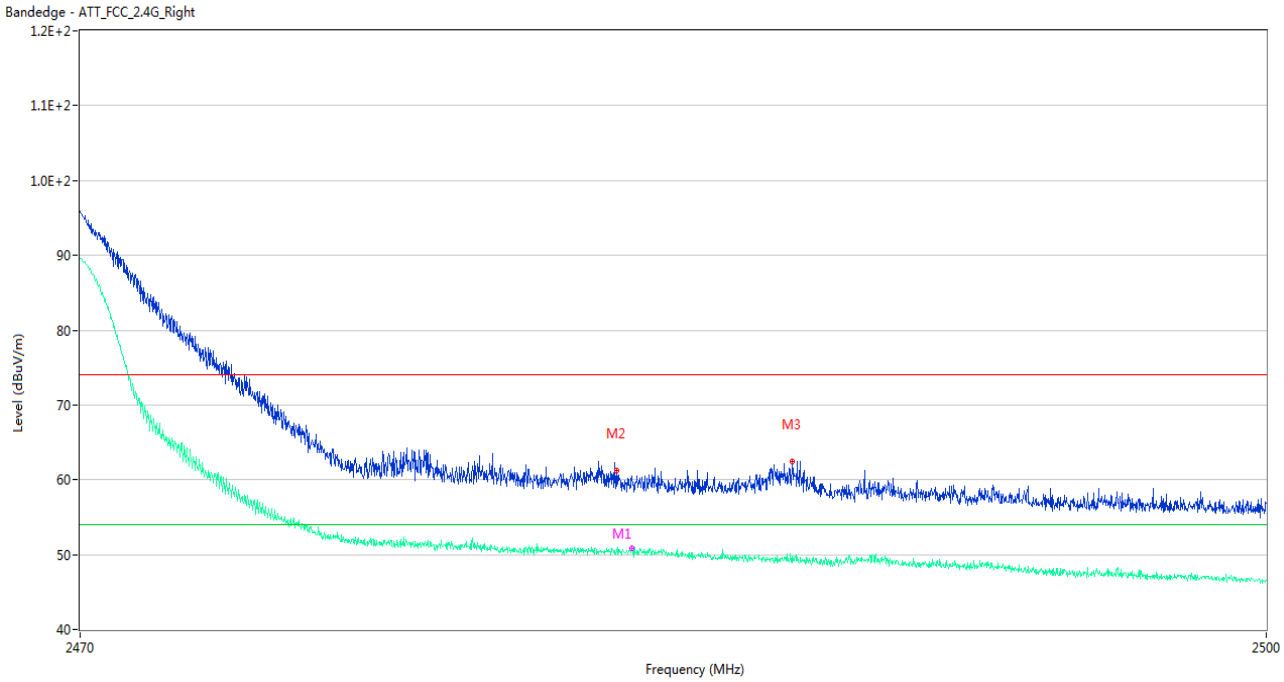

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.590 | 63.10 | 2.11 | 74.0 | 10.90 | Peak | 342.00 | 150 | Horizontal | Pass |
| 1** | 2483.590 | 50.27 | 2.11 | 54.0 | 3.73 | AV | 342.00 | 150 | Horizontal | Pass |
| 2 | 2484.445 | 63.23 | 2.13 | 74.0 | 10.77 | Peak | 342.00 | 200 | Horizontal | Pass |
| 2** | 2484.445 | 49.93 | 2.13 | 54.0 | 4.07 | AV | 342.00 | 200 | Horizontal | Pass |
| 3 | 2483.875 | 61.08 | 2.12 | 74.0 | 12.92 | Peak | 342.00 | 150 | Horizontal | Pass |
| 3** | 2483.875 | 50.65 | 2.12 | 54.0 | 3.35 | AV | 342.00 | 150 | Horizontal | Pass |

## 802.11n40 LOW CHANNEL




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2388.000 | 64.46 | 2.07 | 74.0 | 9.54 | Peak | 345.00 | 200 | Horizontal | Pass |
| 1** | 2388.000 | 49.11 | 2.07 | 54.0 | 4.89 | AV | 345.00 | 200 | Horizontal | Pass |
| 2 | 2389.950 | 60.31 | 1.92 | 74.0 | 13.69 | Peak | 343.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 49.61 | 1.92 | 54.0 | 4.39 | AV | 343.00 | 150 | Horizontal | Pass |
| 3 | 2387.800 | 63.06 | 2.12 | 74.0 | 10.94 | Peak | 343.00 | 150 | Horizontal | Pass |
| 3** | 2387.800 | 50.13 | 2.12 | 54.0 | 3.87 | AV | 343.00 | 150 | Horizontal | Pass |

## 802.11n40 HIGH CHANNEL




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.905 | 59.98 | 2.12 | 74.0 | 14.02 | Peak | 342.00 | 150 | Horizontal | Pass |
| 1** | 2483.905 | 50.87 | 2.12 | 54.0 | 3.13 | AV | 342.00 | 150 | Horizontal | Pass |
| 2 | 2483.530 | 61.22 | 2.11 | 74.0 | 12.78 | Peak | 337.00 | 100 | Horizontal | Pass |
| 2** | 2483.530 | 50.60 | 2.11 | 54.0 | 3.40 | AV | 337.00 | 100 | Horizontal | Pass |
| 3 | 2487.970 | 62.49 | 1.59 | 74.0 | 11.51 | Peak | 340.00 | 150 | Horizontal | Pass |
| 3** | 2487.970 | 49.80 | 1.59 | 54.0 | 4.20 | AV | 340.00 | 150 | Horizontal | Pass |

## A.8 Power Spectral Density (PSD)

Test Data

Antenna 1

802.11b Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -16.64 | 8 |
| Middle | -16.19 | 8 |
| High | -16.04 | 8 |

802.11g Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -16.81 | 8 |
| Middle | -14.84 | 8 |
| High | -16.82 | 8 |

802.11n-20 MHz Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -17.73 | 8 |
| Middle | -13.31 | 8 |
| High | -17.40 | 8 |

802.11n-40 MHz Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -20.49 | 8 |
| Middle | -15.54 | 8 |
| High | -21.31 | 8 |

Antenna 2

802.11b Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -15.95 | 8 |
| Middle | -15.91 | 8 |
| High | -15.89 | 8 |

802.11g Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -15.40 | 8 |
| Middle | -14.03 | 8 |
| High | -17.43 | 8 |

802.11n-20 MHz Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -15.75 | 8 |
| Middle | -12.73 | 8 |
| High | -17.83 | 8 |

802.11n-40 MHz Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---|---|---|
| Low | -19.89 | 8 |
| Middle | -16.38 | 8 |
| High | -21.17 | 8 |

Test Plots

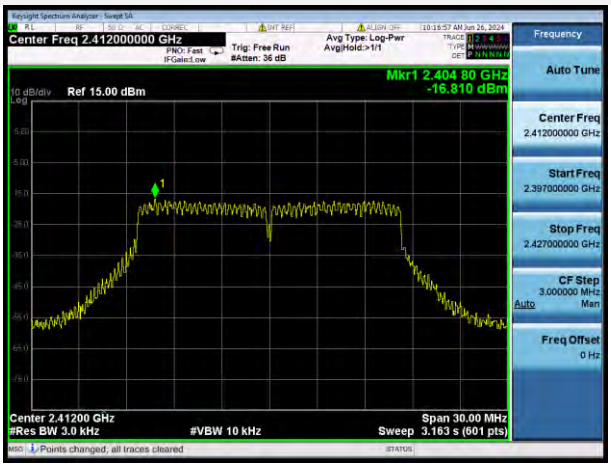
Antenna 1

802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

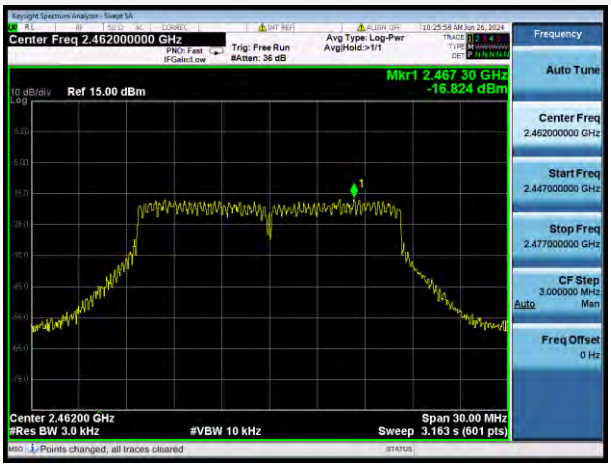
802.11b HIGH CHANNEL

802.11g LOW CHANNEL

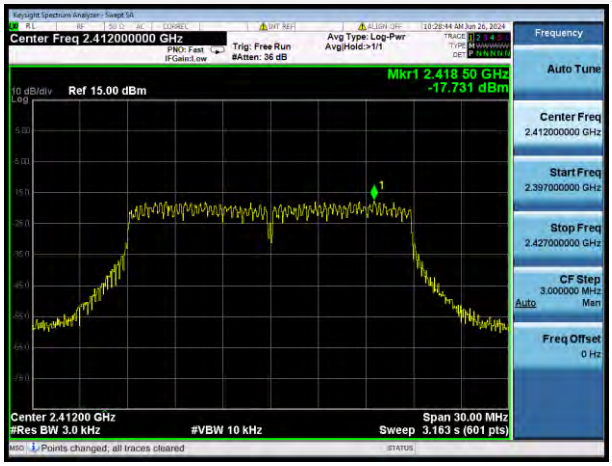



802.11g MIDDLE CHANNEL

802.11g HIGH CHANNEL

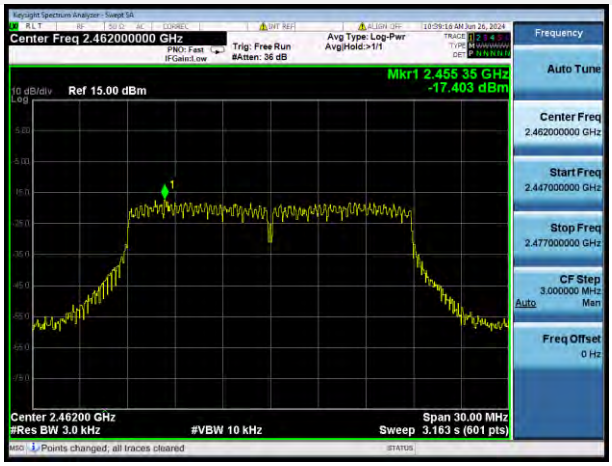


802.11n-20 MHz LOW CHANNEL




802.11n-20 MHz MIDDLE CHANNEL

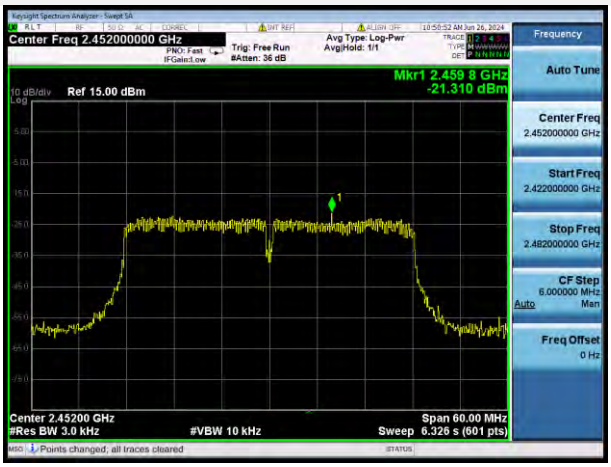
802.11n-20 MHz HIGH CHANNEL




802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL



Antenna 2

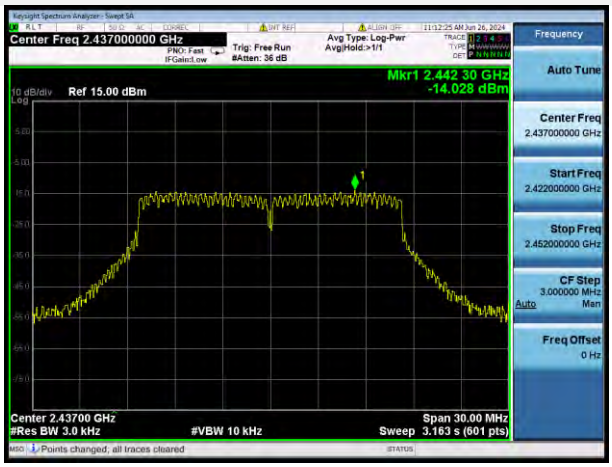
802.11b LOW CHANNEL

802.11b MIDDLE CHANNEL

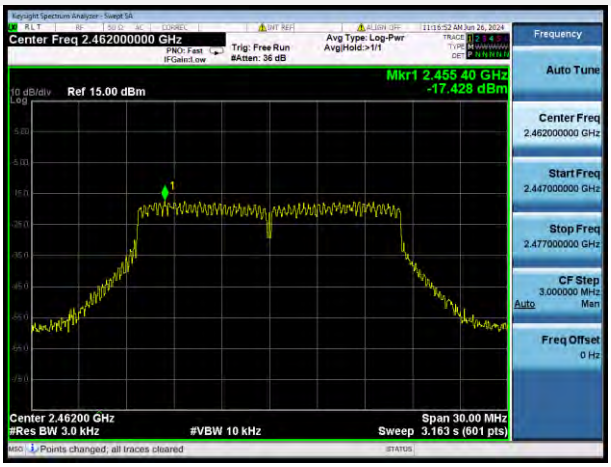
802.11b HIGH CHANNEL

802.11g LOW CHANNEL

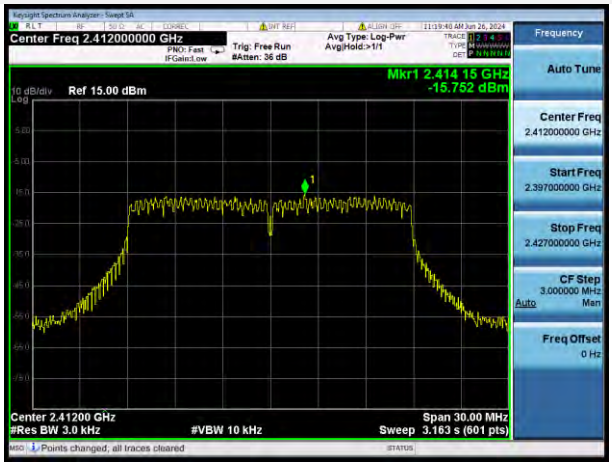
802.11g MIDDLE CHANNEL



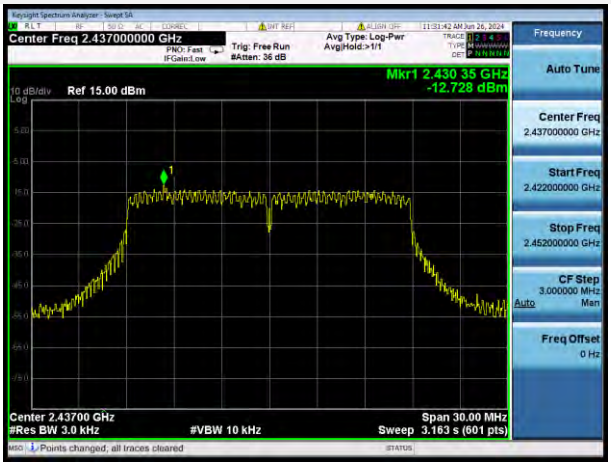

802.11g HIGH CHANNEL



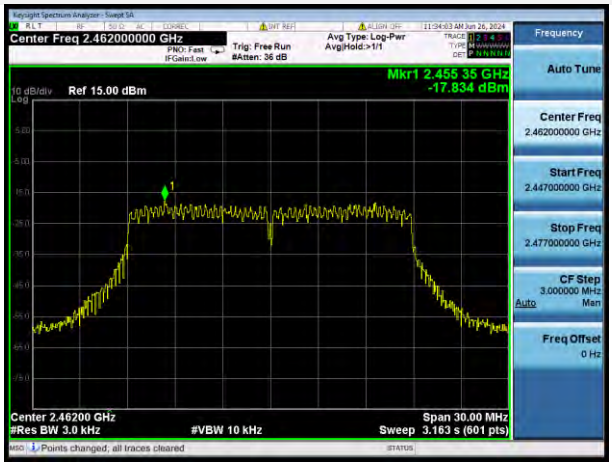
802.11n-20 MHz LOW CHANNEL




802.11n-20 MHz MIDDLE CHANNEL




802.11n-20 MHz HIGH CHANNEL




802.11n-40 MHz LOW CHANNEL

802.11n-40 MHz MIDDLE CHANNEL

802.11n-40 MHz HIGH CHANNEL

# ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2460562-AR.PDF”.

# ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2460562-AW.PDF”.

# ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2460562-AI.PDF”.

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