

A.4 Band Edge (Authorized-band band-edge)

Note: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Test Data

802.11b Mode:

| Channel | Measured Max. Band Edge Emission (dBm) | Limit (dBm) | | Verdict |
|---------|--|---------------|----------------------------|---------|
| | | Carrier Level | Calculated 20 dBc Limit | |
| 1 | -39.21 | 9.24 | -10.76 | Pass |
| 11 | -44.13 | 9.12 | -10.88 | Pass |
| 12 | -39.96 | 9.25 | -10.75 | Pass |
| 13 | -40.54 | 6.13 | -13.87 | Pass |

802.11g Mode:

| Channel | Measured Max. Band Edge Emission (dBm) | Limit (dBm) | | Verdict |
|---------|--|---------------|----------------------------|---------|
| | | Carrier Level | Calculated 20 dBc Limit | |
| 1 | -32.51 | 6.60 | -13.40 | Pass |
| 11 | -37.01 | 6.52 | -13.48 | Pass |
| 12 | -39.58 | 5.29 | -14.71 | Pass |
| 13 | -39.55 | -2.21 | -22.21 | Pass |

802.11n-20 MHz Mode:

| Channel | Measured Max. Band Edge Emission (dBm) | Limit (dBm) | | Verdict |
|---------|--|---------------|----------------------------|---------|
| | | Carrier Level | Calculated 20 dBc Limit | |
| 1 | -33.98 | 6.15 | -13.85 | Pass |
| 11 | -39.26 | 6.03 | -13.97 | Pass |
| 12 | -39.68 | 5.23 | -14.77 | Pass |
| 13 | -39.85 | -2.34 | -22.34 | Pass |

802.11n-40 MHz Mode:

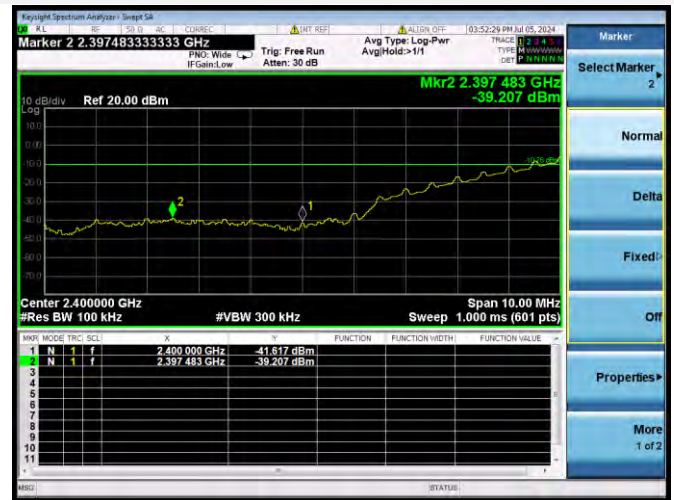
| Channel | Measured Max. Band Edge Emission (dBm) | Limit (dBm) | | Verdict |
|---------|--|---------------|----------------------------|---------|
| | | Carrier Level | Calculated 20 dBc Limit | |
| 3 | -38.21 | -1.11 | -21.11 | Pass |
| 9 | -40.42 | -0.81 | -20.81 | Pass |
| 10 | -42.52 | -0.73 | -20.73 | Pass |
| 11 | -42.93 | -11.24 | -31.24 | Pass |

Test Plots

802.11b CHANNEL 1, CARRIER LEVEL



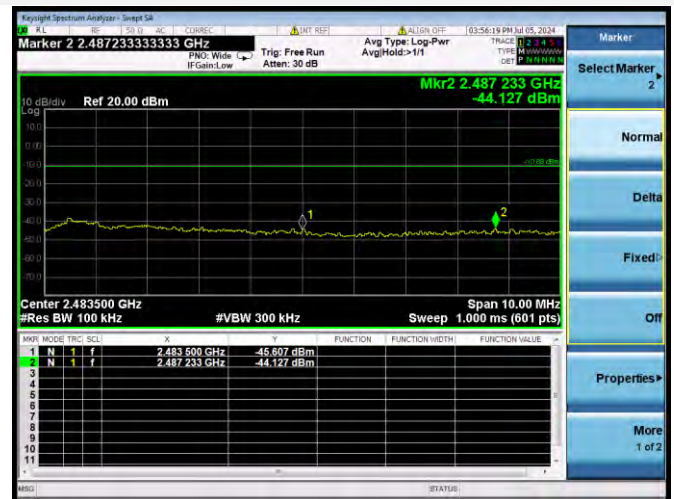
802.11b CHANNEL 1, BAND EDGE



802.11b CHANNEL 11, CARRIER LEVEL



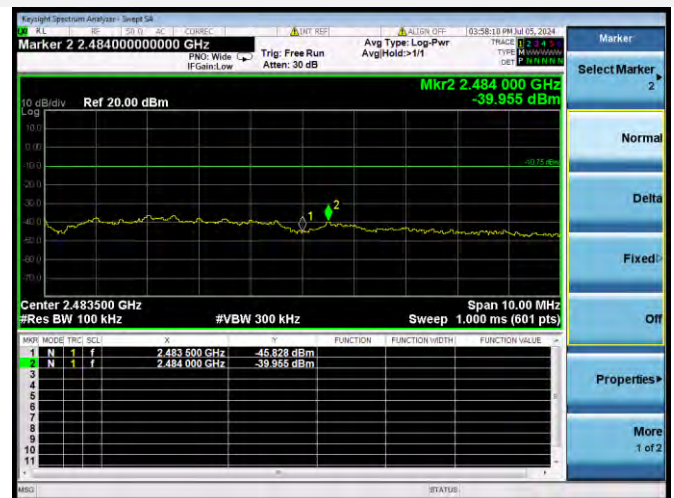
802.11b CHANNEL 11, BAND EDGE



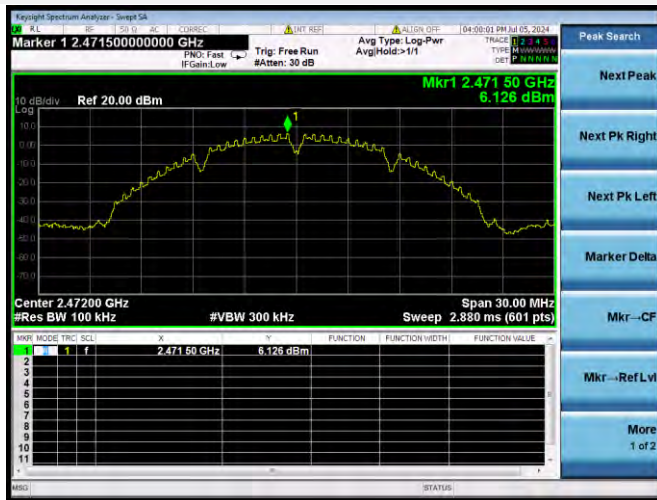
802.11b CHANNEL 12, CARRIER LEVEL



802.11b CHANNEL 12, BAND EDGE



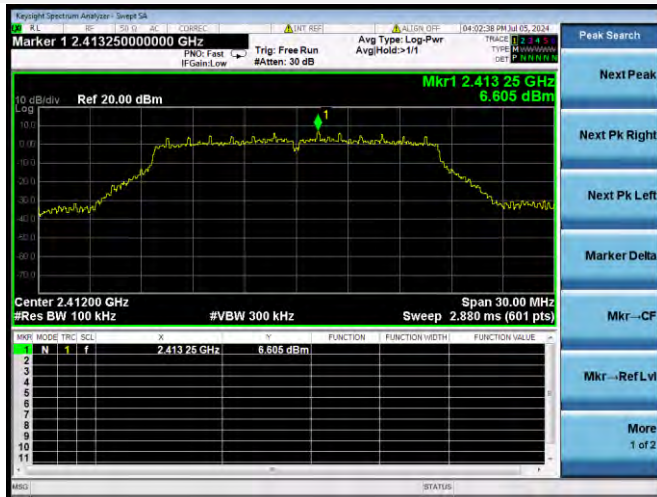
802.11b CHANNEL 13, CARRIER LEVEL



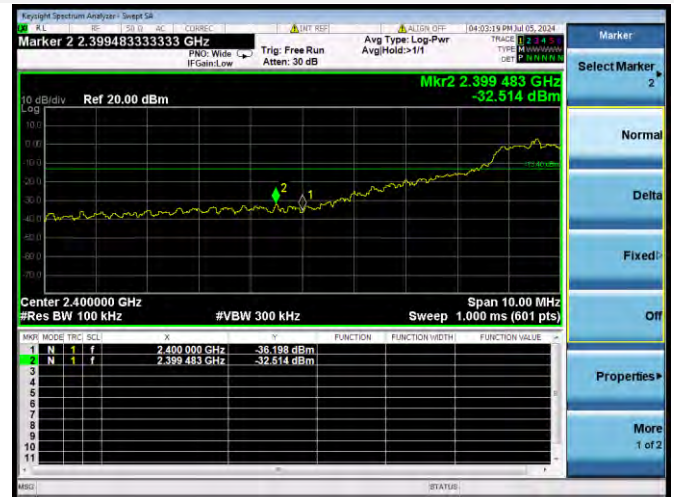
802.11b CHANNEL 13, BAND EDGE



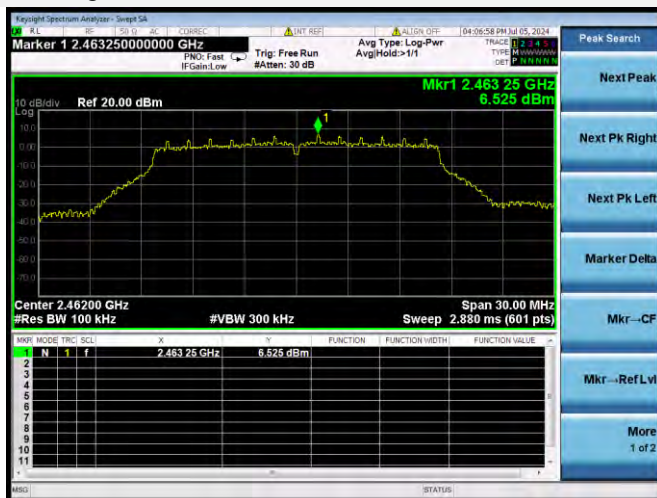
802.11g CHANNEL 1, CARRIER LEVEL



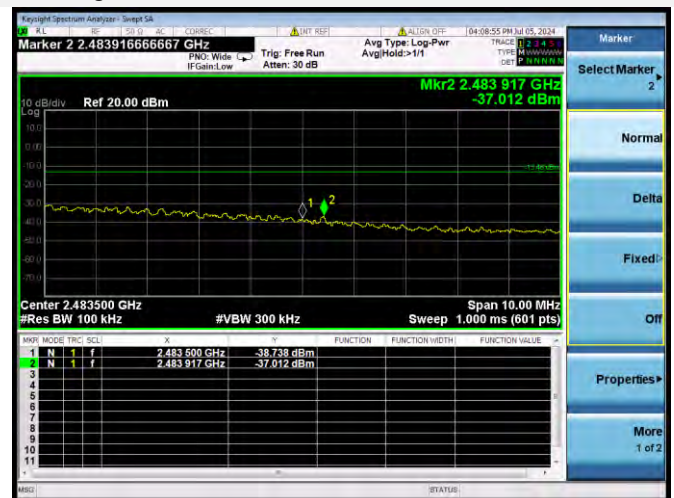
802.11g CHANNEL 1, BAND EDGE



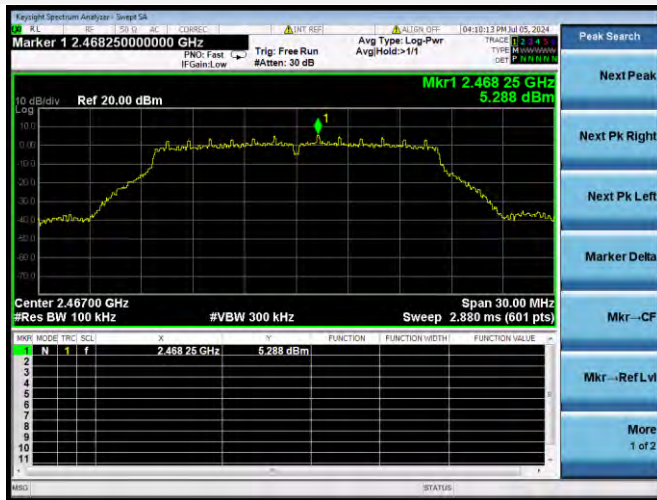
802.11g CHANNEL 11, CARRIER LEVEL



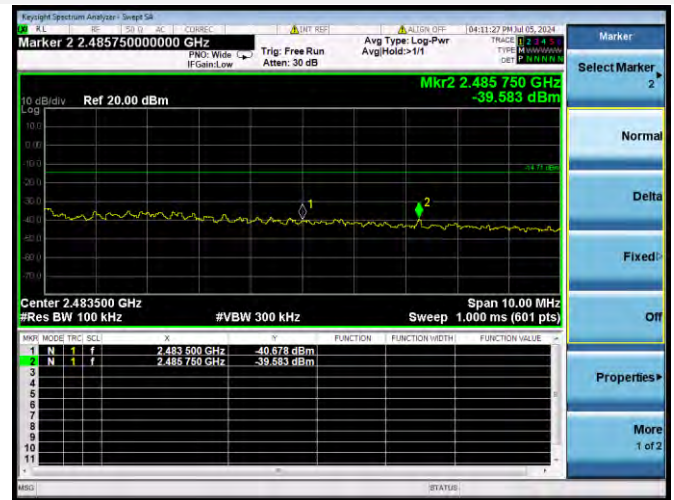
802.11g CHANNEL 11, BAND EDGE



802.11g CHANNEL 12, CARRIER LEVEL



802.11g CHANNEL 12, BAND EDGE



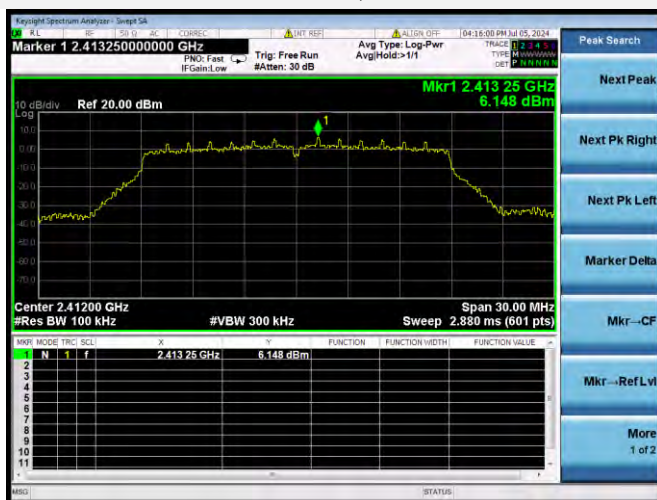
802.11g CHANNEL 13, CARRIER LEVEL



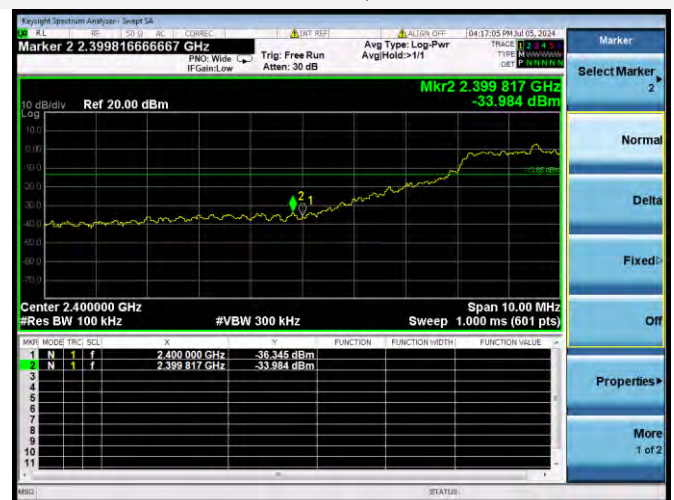
802.11g CHANNEL 13, BAND EDGE



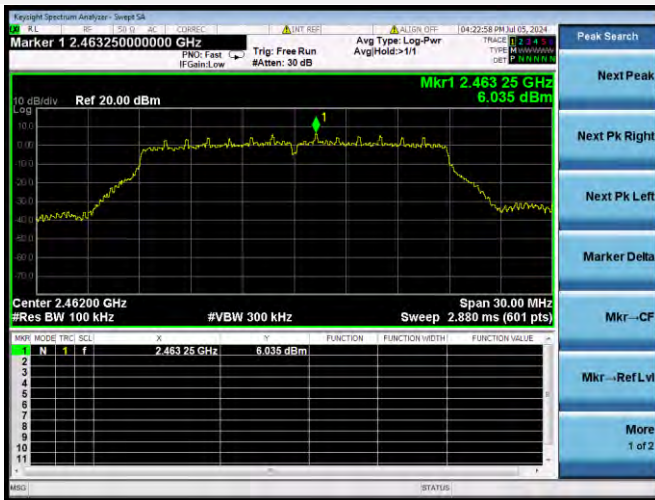
802.11n-20 MHz CHANNEL 1, CARRIER LEVEL



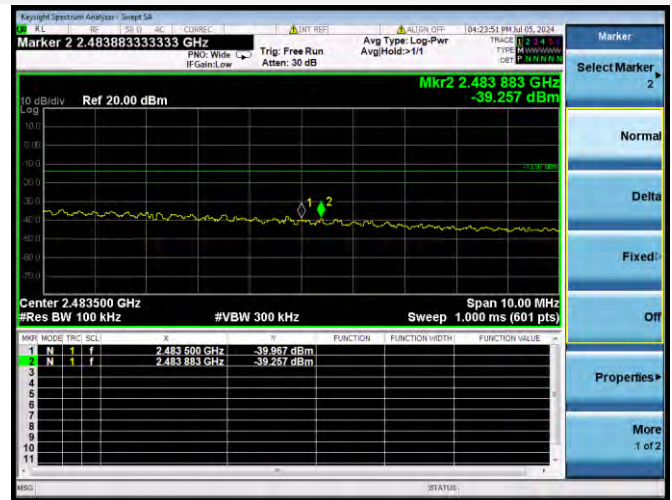
802.11n-20 MHz CHANNEL 1, BAND EDGE



802.11n-20 MHz CHANNEL 11, CARRIER LEVEL



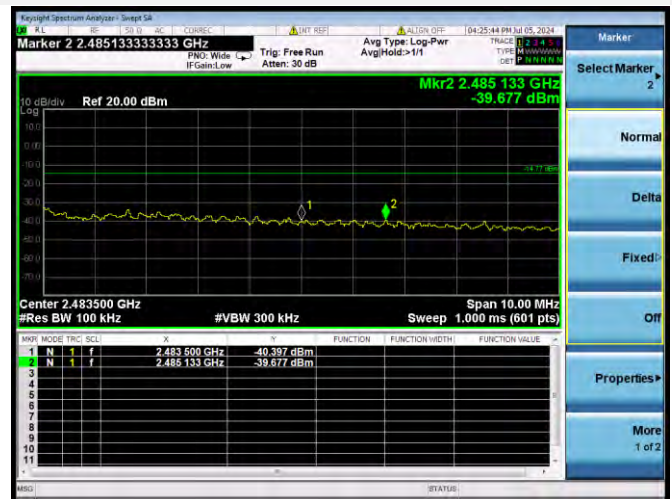
802.11n-20 MHz CHANNEL 11, BAND EDGE



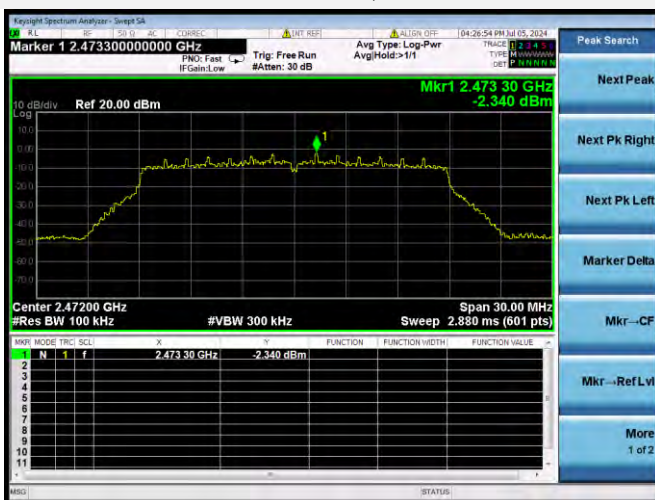
802.11n-20 MHz CHANNEL 12, CARRIER LEVEL



802.11n-20 MHz CHANNEL 12, BAND EDGE



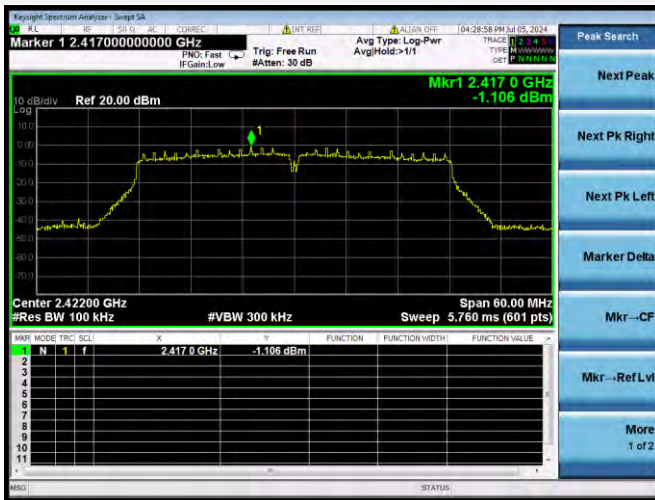
802.11n-20 MHz CHANNEL 13, CARRIER LEVEL



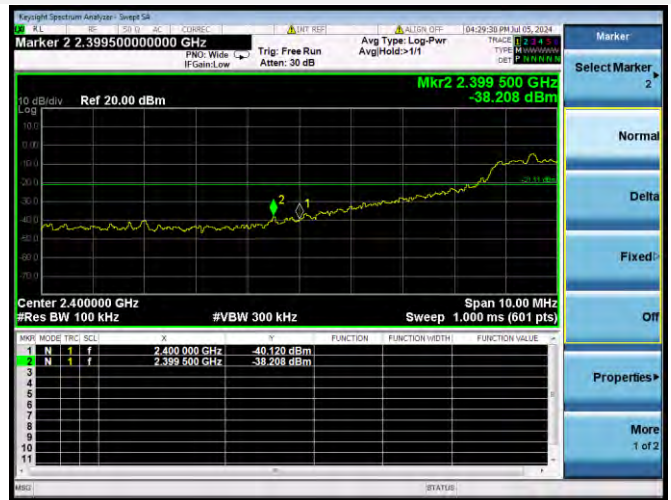
802.11n-20 MHz CHANNEL 13, BAND EDGE



802.11n-40 MHz CHANNEL 3, CARRIER LEVEL



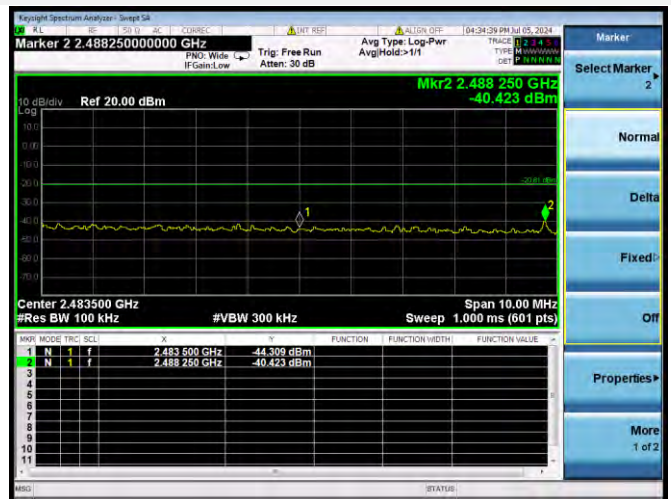
802.11n-40 MHz CHANNEL 3, BAND EDGE



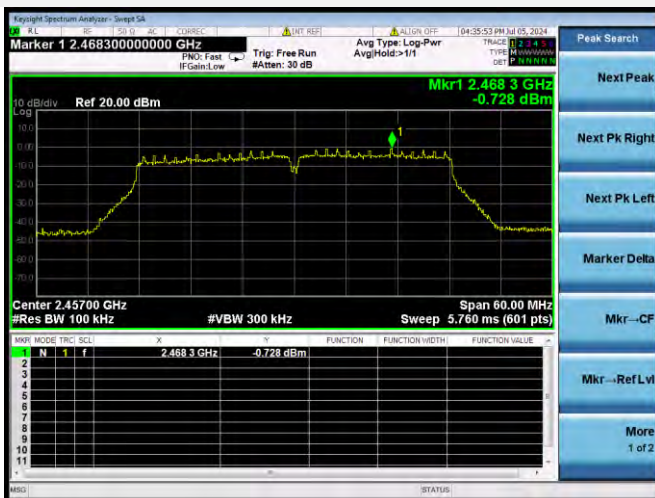
802.11n-40 MHz CHANNEL 9, CARRIER LEVEL



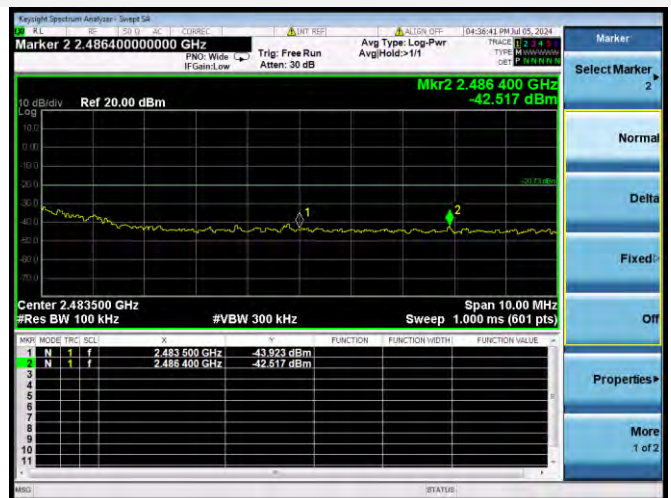
802.11n-40 MHz CHANNEL 9, BAND EDGE



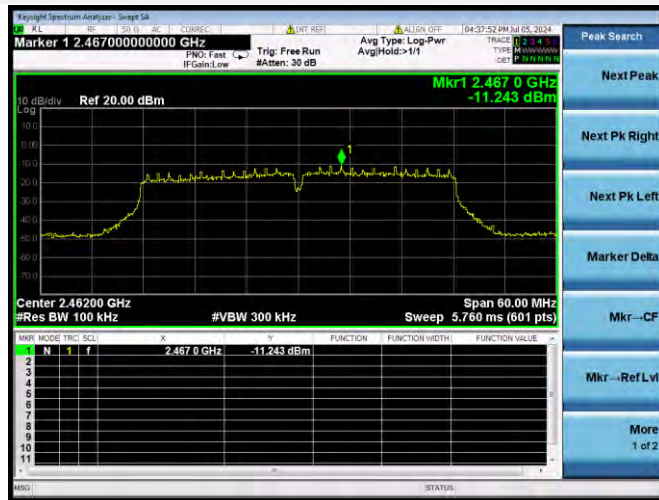
802.11n-40 MHz CHANNEL 10, CARRIER LEVEL



802.11n-40 MHz CHANNEL 10, BAND EDGE



802.11n-40 MHz CHANNEL 11, CARRIER LEVEL



802.11n-40 MHz CHANNEL 11, BAND EDGE



A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

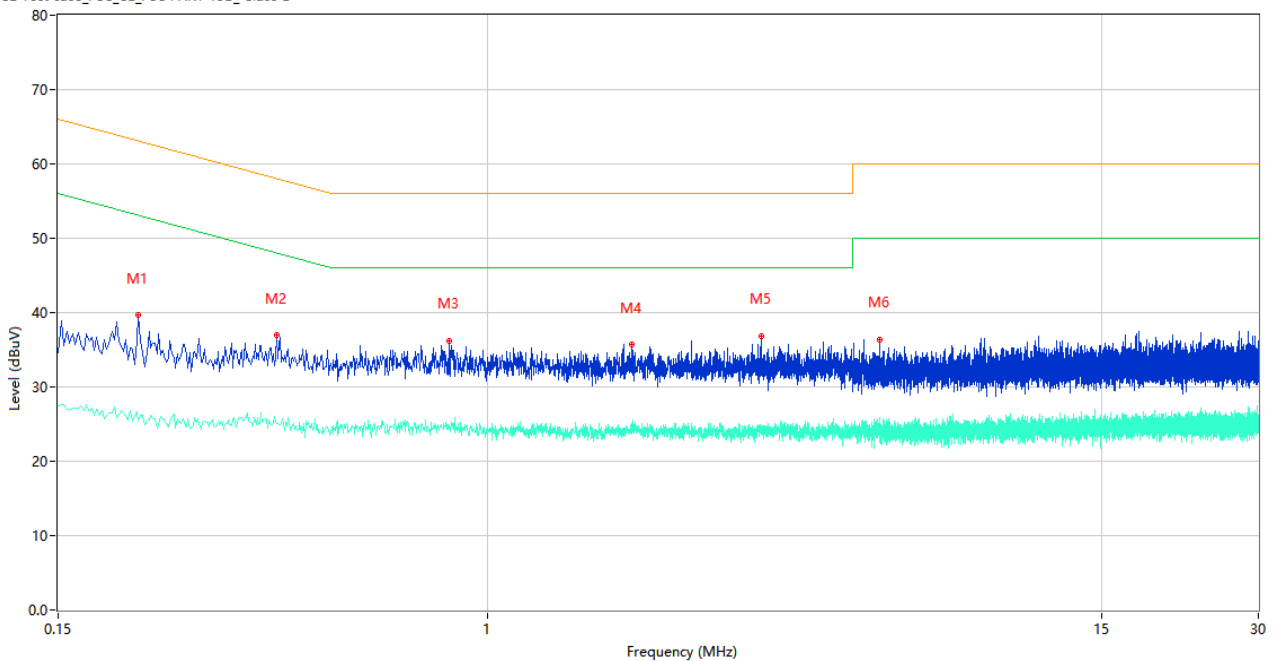
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

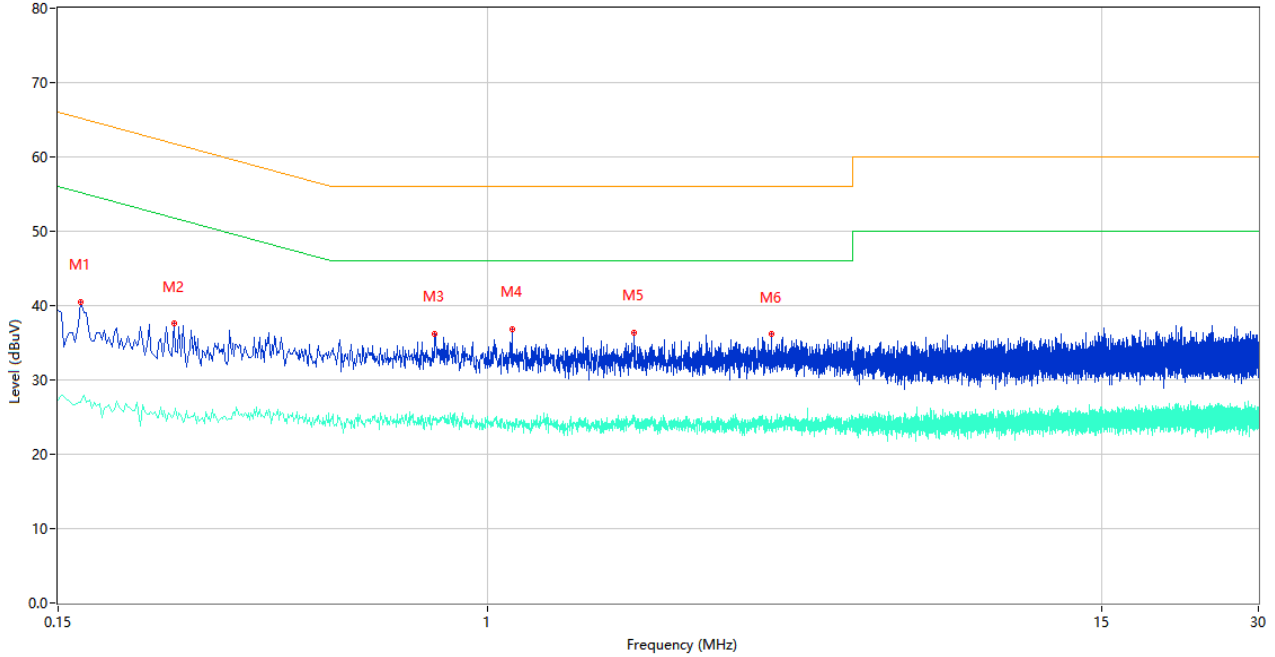
CE Test case_FCC_CE_FCC PART 15B_ Class B



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1 | 0.214 | 39.65 | 9.77 | 63.05 | 23.40 | Peak | L | Pass |
| 1** | 0.214 | 25.32 | 9.77 | 53.05 | 27.73 | AV | L | Pass |
| 2 | 0.394 | 36.91 | 10.58 | 57.98 | 21.07 | Peak | L | Pass |
| 2** | 0.394 | 25.00 | 10.58 | 47.98 | 22.98 | AV | L | Pass |
| 3 | 0.842 | 36.21 | 10.61 | 56.00 | 19.79 | Peak | L | Pass |
| 3** | 0.842 | 24.78 | 10.61 | 46.00 | 21.22 | AV | L | Pass |
| 4 | 1.890 | 35.69 | 10.65 | 56.00 | 20.31 | Peak | L | Pass |
| 4** | 1.890 | 24.95 | 10.65 | 46.00 | 21.05 | AV | L | Pass |
| 5 | 3.340 | 36.88 | 10.43 | 56.00 | 19.12 | Peak | L | Pass |
| 5** | 3.340 | 24.49 | 10.43 | 46.00 | 21.51 | AV | L | Pass |
| 6 | 5.630 | 36.40 | 10.42 | 60.00 | 23.60 | Peak | L | Pass |
| 6** | 5.630 | 24.92 | 10.42 | 50.00 | 25.08 | AV | L | Pass |

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1 | 0.166 | 40.48 | 9.78 | 65.16 | 24.68 | Peak | N | Pass |
| 1** | 0.166 | 27.01 | 9.78 | 55.16 | 28.15 | AV | N | Pass |
| 2 | 0.250 | 37.59 | 9.77 | 61.76 | 24.17 | Peak | N | Pass |
| 2** | 0.250 | 25.44 | 9.77 | 51.76 | 26.32 | AV | N | Pass |
| 3 | 0.792 | 36.26 | 10.47 | 56.00 | 19.74 | Peak | N | Pass |
| 3** | 0.792 | 24.73 | 10.47 | 46.00 | 21.27 | AV | N | Pass |
| 4 | 1.112 | 36.87 | 10.10 | 56.00 | 19.13 | Peak | N | Pass |
| 4** | 1.112 | 23.64 | 10.10 | 46.00 | 22.36 | AV | N | Pass |
| 5 | 1.910 | 36.41 | 10.61 | 56.00 | 19.59 | Peak | N | Pass |
| 5** | 1.910 | 25.18 | 10.61 | 46.00 | 20.82 | AV | N | Pass |
| 6 | 3.502 | 36.15 | 10.08 | 56.00 | 19.85 | Peak | N | Pass |
| 6** | 3.502 | 25.01 | 10.08 | 46.00 | 20.99 | AV | N | Pass |

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.

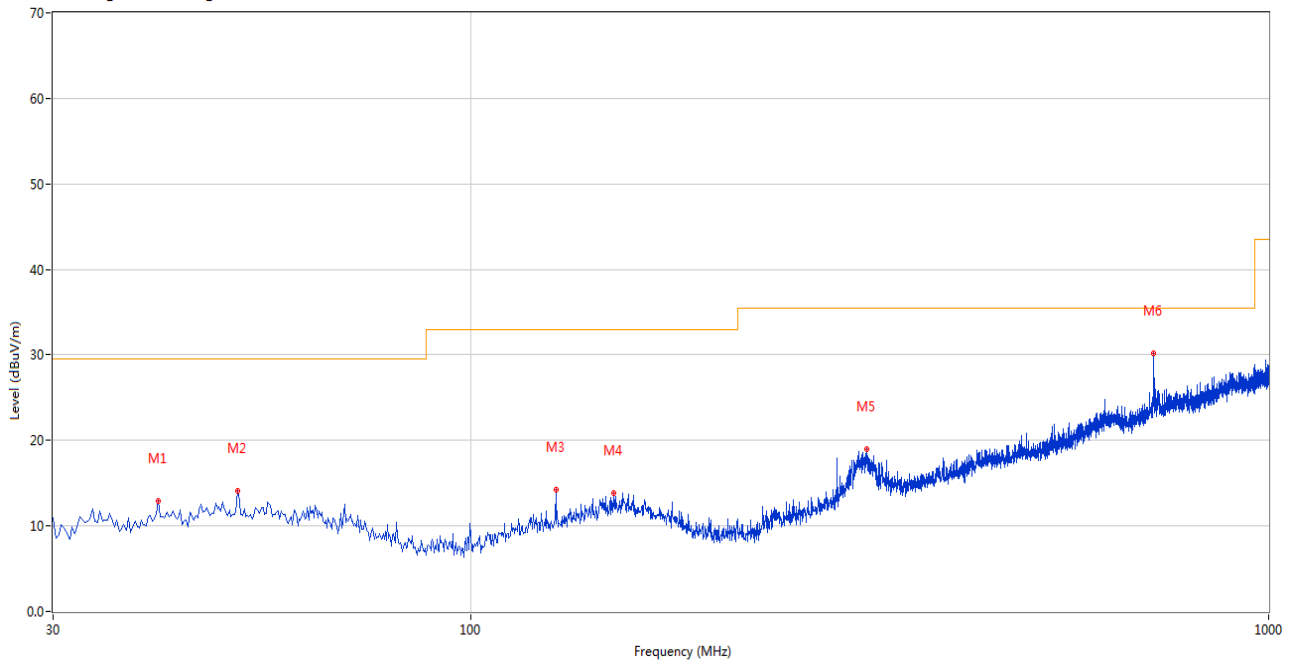
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

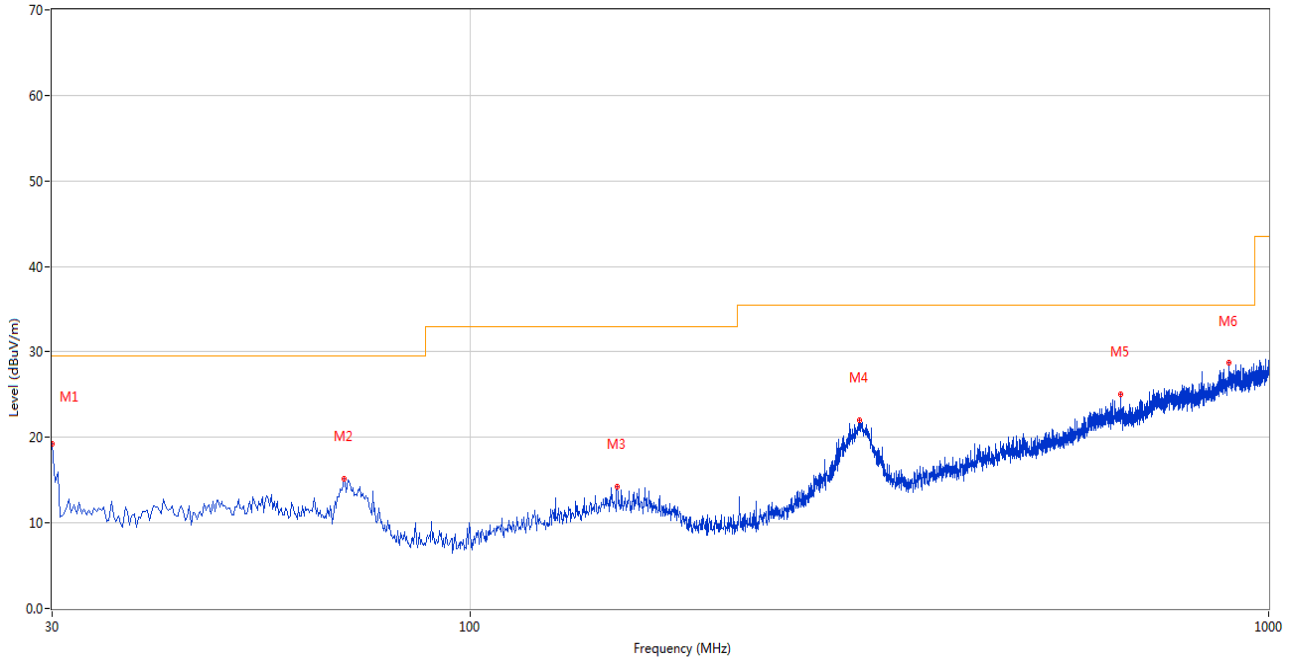
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 40.667 | 12.92 | -26.43 | 29.5 | 16.58 | Peak | 139.00 | 100 | Horizontal | Pass |
| 2 | 51.092 | 14.06 | -25.97 | 29.5 | 15.44 | Peak | 214.00 | 200 | Horizontal | Pass |
| 3 | 127.946 | 14.25 | -27.27 | 33.0 | 18.75 | Peak | 325.00 | 100 | Horizontal | Pass |
| 4 | 150.977 | 13.79 | -25.56 | 33.0 | 19.21 | Peak | 0.00 | 200 | Horizontal | Pass |
| 5 | 314.139 | 18.96 | -24.32 | 35.5 | 16.54 | Peak | 103.00 | 200 | Horizontal | Pass |
| 6 | 718.285 | 30.25 | -14.00 | 35.5 | 5.25 | Peak | 341.00 | 200 | Horizontal | Pass |

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 30.000 | 19.22 | -27.82 | 29.5 | 10.28 | Peak | 0.00 | 200 | Vertical | Pass |
| 2 | 69.518 | 15.16 | -28.17 | 29.5 | 14.34 | Peak | 0.00 | 200 | Vertical | Pass |
| 3 | 152.917 | 14.27 | -25.56 | 33.0 | 18.73 | Peak | 0.00 | 200 | Vertical | Pass |
| 4 | 307.351 | 21.97 | -24.64 | 35.5 | 13.53 | Peak | 254.00 | 100 | Vertical | Pass |
| 5 | 652.827 | 25.09 | -15.66 | 35.5 | 10.41 | Peak | 69.00 | 100 | Vertical | Pass |
| 6 | 892.599 | 28.68 | -10.58 | 35.5 | 6.82 | Peak | 0.00 | 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.

1 GHz to 18 GHz, ANT H 802.11b CHANNEL 1

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1497.200 | 42.32 | -16.74 | 74.0 | 31.68 | Peak | 258.00 | 100 | Horizontal | Pass |
| 1** | 1497.200 | 32.42 | -16.74 | 54.0 | 21.58 | AV | 258.00 | 100 | Horizontal | Pass |
| 2 | 2411.900 | 106.12 | -10.20 | 74.0 | -32.12 | Peak | 48.00 | 100 | Horizontal | N/A |
| 2** | 2411.900 | 102.05 | -10.20 | 54.0 | -48.05 | AV | 48.00 | 100 | Horizontal | N/A |
| 3 | 4824.000 | 53.20 | -3.61 | 74.0 | 20.80 | Peak | 45.00 | 100 | Horizontal | Pass |
| 3** | 4824.000 | 49.41 | -3.61 | 54.0 | 4.59 | AV | 45.00 | 100 | Horizontal | Pass |
| 4 | 4824.250 | 53.02 | -3.48 | 74.0 | 20.98 | Peak | 45.00 | 150 | Horizontal | Pass |
| 4** | 4824.250 | 50.00 | -3.48 | 54.0 | 4.00 | AV | 45.00 | 150 | Horizontal | Pass |
| 5 | 11795.724 | 52.60 | -0.15 | 74.0 | 21.40 | Peak | 173.00 | 200 | Horizontal | Pass |
| 5** | 11795.724 | 42.78 | -0.15 | 54.0 | 11.22 | AV | 173.00 | 200 | Horizontal | Pass |
| 6 | 17417.251 | 56.19 | 5.48 | 74.0 | 17.81 | Peak | 334.00 | 100 | Horizontal | Pass |
| 6** | 17417.251 | 46.65 | 5.48 | 54.0 | 7.35 | AV | 334.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b CHANNEL 1

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1232.300 | 42.64 | -17.43 | 74.0 | 31.36 | Peak | 186.00 | 400 | Vertical | Pass |
| 1** | 1232.300 | 31.82 | -17.43 | 54.0 | 22.18 | AV | 186.00 | 400 | Vertical | Pass |
| 2 | 2411.900 | 97.81 | -10.20 | 74.0 | -23.81 | Peak | 194.00 | 200 | Vertical | N/A |
| 2** | 2411.900 | 93.67 | -10.20 | 54.0 | -39.67 | AV | 194.00 | 200 | Vertical | N/A |
| 3 | 4823.500 | 49.40 | -3.66 | 74.0 | 24.60 | Peak | 305.00 | 100 | Vertical | Pass |
| 3** | 4823.500 | 39.63 | -3.66 | 54.0 | 14.37 | AV | 305.00 | 100 | Vertical | Pass |
| 4 | 7807.500 | 54.76 | 1.11 | 74.0 | 19.24 | Peak | 187.00 | 100 | Vertical | Pass |
| 4** | 7807.500 | 44.76 | 1.11 | 54.0 | 9.24 | AV | 187.00 | 100 | Vertical | Pass |
| 5 | 12336.750 | 52.45 | 0.77 | 74.0 | 21.55 | Peak | 288.00 | 400 | Vertical | Pass |
| 5** | 12336.750 | 43.15 | 0.77 | 54.0 | 10.85 | AV | 288.00 | 400 | Vertical | Pass |
| 6 | 17453.214 | 55.72 | 5.51 | 74.0 | 18.28 | Peak | 251.00 | 300 | Vertical | Pass |
| 6** | 17453.214 | 46.76 | 5.51 | 54.0 | 7.24 | AV | 251.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b CHANNEL 6

| No. | Frequency (MHz) | Results (dBUV/m) | Factor (dB) | Limit (dBUV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1396.800 | 42.21 | -16.83 | 74.0 | 31.79 | Peak | 284.00 | 100 | Horizontal | Pass |
| 1** | 1396.800 | 33.03 | -16.83 | 54.0 | 20.97 | AV | 284.00 | 100 | Horizontal | Pass |
| 2 | 2438.400 | 106.60 | -9.92 | 74.0 | -32.60 | Peak | 329.00 | 200 | Horizontal | N/A |
| 2** | 2438.400 | 103.73 | -9.92 | 54.0 | -49.73 | AV | 329.00 | 200 | Horizontal | N/A |
| 3 | 4874.250 | 53.49 | -3.45 | 74.0 | 20.51 | Peak | 42.00 | 200 | Horizontal | Pass |
| 3** | 4874.250 | 49.73 | -3.45 | 54.0 | 4.27 | AV | 42.00 | 200 | Horizontal | Pass |
| 4 | 7357.000 | 53.86 | 0.81 | 74.0 | 20.14 | Peak | 342.00 | 200 | Horizontal | Pass |
| 4** | 7357.000 | 44.98 | 0.81 | 54.0 | 9.02 | AV | 342.00 | 200 | Horizontal | Pass |
| 5 | 12266.925 | 52.58 | 0.92 | 74.0 | 21.42 | Peak | 19.00 | 300 | Horizontal | Pass |
| 5** | 12266.925 | 43.21 | 0.92 | 54.0 | 10.79 | AV | 19.00 | 300 | Horizontal | Pass |
| 6 | 17446.650 | 56.11 | 5.56 | 74.0 | 17.89 | Peak | 106.00 | 400 | Horizontal | Pass |
| 6** | 17446.650 | 47.33 | 5.56 | 54.0 | 6.67 | AV | 106.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b CHANNEL 6

| No. | Frequency (MHz) | Results (dBUV/m) | Factor (dB) | Limit (dBUV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1330.000 | 42.42 | -16.93 | 74.0 | 31.58 | Peak | 230.00 | 300 | Vertical | Pass |
| 1** | 1330.000 | 33.57 | -16.93 | 54.0 | 20.43 | AV | 230.00 | 300 | Vertical | Pass |
| 2 | 2438.300 | 99.43 | -10.02 | 74.0 | -25.43 | Peak | 230.00 | 100 | Vertical | N/A |
| 2** | 2438.300 | 96.50 | -10.02 | 54.0 | -42.50 | AV | 230.00 | 100 | Vertical | N/A |
| 3 | 4874.000 | 50.31 | -3.49 | 74.0 | 23.69 | Peak | 346.00 | 200 | Vertical | Pass |
| 3** | 4874.000 | 43.03 | -3.49 | 54.0 | 10.97 | AV | 346.00 | 200 | Vertical | Pass |
| 4 | 4874.250 | 48.76 | -3.45 | 74.0 | 25.24 | Peak | 346.00 | 150 | Vertical | Pass |
| 4** | 4874.250 | 43.43 | -3.45 | 54.0 | 10.57 | AV | 346.00 | 150 | Vertical | Pass |
| 5 | 11812.350 | 53.35 | -0.29 | 74.0 | 20.65 | Peak | 162.00 | 200 | Vertical | Pass |
| 5** | 11812.350 | 43.20 | -0.29 | 54.0 | 10.80 | AV | 162.00 | 200 | Vertical | Pass |
| 6 | 17426.698 | 56.81 | 5.50 | 74.0 | 17.19 | Peak | 309.00 | 100 | Vertical | Pass |
| 6** | 17426.698 | 46.77 | 5.50 | 54.0 | 7.23 | AV | 309.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1325.100 | 41.76 | -17.18 | 74.0 | 32.24 | Peak | 300.00 | 200 | Horizontal | Pass |
| 1** | 1325.100 | 31.90 | -17.18 | 54.0 | 22.10 | AV | 300.00 | 200 | Horizontal | Pass |
| 2 | 2460.800 | 105.58 | -11.30 | 74.0 | -31.58 | Peak | 47.00 | 150 | Horizontal | N/A |
| 2** | 2460.800 | 102.63 | -11.30 | 54.0 | -48.63 | AV | 47.00 | 150 | Horizontal | N/A |
| 3 | 4924.000 | 51.20 | -3.57 | 74.0 | 22.80 | Peak | 77.00 | 200 | Horizontal | Pass |
| 3** | 4924.000 | 46.20 | -3.57 | 54.0 | 7.80 | AV | 77.00 | 200 | Horizontal | Pass |
| 4 | 4924.250 | 49.87 | -3.53 | 74.0 | 24.13 | Peak | 57.00 | 150 | Horizontal | Pass |
| 4** | 4924.250 | 46.42 | -3.53 | 54.0 | 7.58 | AV | 57.00 | 150 | Horizontal | Pass |
| 5 | 12423.200 | 52.74 | 1.07 | 74.0 | 21.26 | Peak | 181.00 | 400 | Horizontal | Pass |
| 5** | 12423.200 | 43.29 | 1.07 | 54.0 | 10.71 | AV | 181.00 | 400 | Horizontal | Pass |
| 6 | 17451.637 | 56.53 | 5.54 | 74.0 | 17.47 | Peak | 300.00 | 100 | Horizontal | Pass |
| 6** | 17451.637 | 48.11 | 5.54 | 54.0 | 5.89 | AV | 300.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1328.900 | 42.39 | -16.94 | 74.0 | 31.61 | Peak | 232.00 | 100 | Vertical | Pass |
| 1** | 1328.900 | 32.54 | -16.94 | 54.0 | 21.46 | AV | 232.00 | 100 | Vertical | Pass |
| 2 | 2460.900 | 97.76 | -11.30 | 74.0 | -23.76 | Peak | 224.00 | 200 | Vertical | N/A |
| 2** | 2460.900 | 94.89 | -11.30 | 54.0 | -40.89 | AV | 224.00 | 200 | Vertical | N/A |
| 3 | 4749.750 | 48.93 | -3.50 | 74.0 | 25.07 | Peak | 198.00 | 200 | Vertical | Pass |
| 3** | 4749.750 | 39.98 | -3.50 | 54.0 | 14.02 | AV | 198.00 | 200 | Vertical | Pass |
| 4 | 7757.250 | 54.15 | 1.46 | 74.0 | 19.85 | Peak | 259.00 | 100 | Vertical | Pass |
| 4** | 7757.250 | 45.25 | 1.46 | 54.0 | 8.75 | AV | 259.00 | 100 | Vertical | Pass |
| 5 | 11817.813 | 52.77 | -0.35 | 74.0 | 21.23 | Peak | 264.00 | 400 | Vertical | Pass |
| 5** | 11817.813 | 42.87 | -0.35 | 54.0 | 11.13 | AV | 264.00 | 400 | Vertical | Pass |
| 6 | 17453.474 | 56.10 | 5.50 | 74.0 | 17.90 | Peak | 259.00 | 300 | Vertical | Pass |
| 6** | 17453.474 | 47.44 | 5.50 | 54.0 | 6.56 | AV | 259.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b CHANNEL 12

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1576.300 | 42.06 | -16.84 | 74.0 | 31.94 | Peak | 96.00 | 300 | Horizontal | Pass |
| 1** | 1576.300 | 33.40 | -16.84 | 54.0 | 20.60 | AV | 96.00 | 300 | Horizontal | Pass |
| 2 | 2465.900 | 104.20 | -11.20 | 74.0 | -30.20 | Peak | 42.00 | 200 | Horizontal | N/A |
| 2** | 2465.900 | 101.22 | -11.20 | 54.0 | -47.22 | AV | 42.00 | 200 | Horizontal | N/A |
| 3 | 4933.750 | 49.83 | -3.39 | 74.0 | 24.17 | Peak | 45.00 | 150 | Horizontal | Pass |
| 3** | 4933.750 | 44.28 | -3.39 | 54.0 | 9.72 | AV | 45.00 | 150 | Horizontal | Pass |
| 4 | 4934.250 | 49.03 | -3.53 | 74.0 | 24.97 | Peak | 45.00 | 150 | Horizontal | Pass |
| 4** | 4934.250 | 45.77 | -3.53 | 54.0 | 8.23 | AV | 45.00 | 150 | Horizontal | Pass |
| 5 | 12991.500 | 52.77 | 1.97 | 74.0 | 21.23 | Peak | 196.00 | 100 | Horizontal | Pass |
| 5** | 12991.500 | 43.23 | 1.97 | 54.0 | 10.77 | AV | 196.00 | 100 | Horizontal | Pass |
| 6 | 17398.088 | 56.89 | 5.34 | 74.0 | 17.11 | Peak | 360.00 | 100 | Horizontal | Pass |
| 6** | 17398.088 | 46.64 | 5.34 | 54.0 | 7.36 | AV | 360.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b CHANNEL 12

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1592.600 | 42.50 | -16.58 | 74.0 | 31.50 | Peak | 195.00 | 100 | Vertical | Pass |
| 1** | 1592.600 | 33.64 | -16.58 | 54.0 | 20.36 | AV | 195.00 | 100 | Vertical | Pass |
| 2 | 2467.000 | 96.21 | -11.22 | 74.0 | -22.21 | Peak | 222.00 | 100 | Vertical | N/A |
| 2** | 2467.000 | 91.74 | -11.22 | 54.0 | -37.74 | AV | 222.00 | 100 | Vertical | N/A |
| 3 | 4810.000 | 49.16 | -2.99 | 74.0 | 24.84 | Peak | 0.00 | 200 | Vertical | Pass |
| 3** | 4810.000 | 39.53 | -2.99 | 54.0 | 14.47 | AV | 0.00 | 200 | Vertical | Pass |
| 4 | 7451.500 | 53.68 | 0.59 | 74.0 | 20.32 | Peak | 6.00 | 100 | Vertical | Pass |
| 4** | 7451.500 | 43.99 | 0.59 | 54.0 | 10.01 | AV | 6.00 | 100 | Vertical | Pass |
| 5 | 12221.325 | 52.91 | 0.70 | 74.0 | 21.09 | Peak | 360.00 | 400 | Vertical | Pass |
| 5** | 12221.325 | 42.98 | 0.70 | 54.0 | 11.02 | AV | 360.00 | 400 | Vertical | Pass |
| 6 | 17444.551 | 57.09 | 5.55 | 74.0 | 16.91 | Peak | 93.00 | 300 | Vertical | Pass |
| 6** | 17444.551 | 47.13 | 5.55 | 54.0 | 6.87 | AV | 93.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11b CHANNEL 13

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1534.000 | 43.46 | -17.17 | 74.0 | 30.54 | Peak | 178.00 | 200 | Horizontal | Pass |
| 1** | 1534.000 | 32.75 | -17.17 | 54.0 | 21.25 | AV | 178.00 | 200 | Horizontal | Pass |
| 2 | 2470.700 | 103.82 | -10.85 | 74.0 | -29.82 | Peak | 42.00 | 150 | Horizontal | N/A |
| 2** | 2470.700 | 100.85 | -10.85 | 54.0 | -46.85 | AV | 42.00 | 150 | Horizontal | N/A |
| 3 | 4944.250 | 50.79 | -3.70 | 74.0 | 23.21 | Peak | 45.00 | 150 | Horizontal | Pass |
| 3** | 4944.250 | 46.21 | -3.70 | 54.0 | 7.79 | AV | 45.00 | 150 | Horizontal | Pass |
| 4 | 7170.000 | 54.32 | 0.47 | 74.0 | 19.68 | Peak | 344.00 | 300 | Horizontal | Pass |
| 4** | 7170.000 | 44.03 | 0.47 | 54.0 | 9.97 | AV | 344.00 | 300 | Horizontal | Pass |
| 5 | 11770.313 | 53.24 | -0.18 | 74.0 | 20.76 | Peak | 193.00 | 200 | Horizontal | Pass |
| 5** | 11770.313 | 43.62 | -0.18 | 54.0 | 10.38 | AV | 193.00 | 200 | Horizontal | Pass |
| 6 | 16396.912 | 56.47 | 3.05 | 74.0 | 17.53 | Peak | 16.00 | 400 | Horizontal | Pass |
| 6** | 16396.912 | 46.76 | 3.05 | 54.0 | 7.24 | AV | 16.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11b CHANNEL 13

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1447.200 | 42.21 | -16.88 | 74.0 | 31.79 | Peak | 61.00 | 300 | Vertical | Pass |
| 1** | 1447.200 | 32.51 | -16.88 | 54.0 | 21.49 | AV | 61.00 | 300 | Vertical | Pass |
| 2 | 2470.800 | 95.90 | -10.85 | 74.0 | -21.90 | Peak | 195.00 | 100 | Vertical | N/A |
| 2** | 2470.800 | 92.97 | -10.85 | 54.0 | -38.97 | AV | 195.00 | 100 | Vertical | N/A |
| 3 | 4943.500 | 49.39 | -3.72 | 74.0 | 24.61 | Peak | 0.00 | 200 | Vertical | Pass |
| 3** | 4943.500 | 40.03 | -3.72 | 54.0 | 13.97 | AV | 0.00 | 200 | Vertical | Pass |
| 4 | 7778.750 | 53.93 | 1.01 | 74.0 | 20.07 | Peak | 285.00 | 400 | Vertical | Pass |
| 4** | 7778.750 | 44.83 | 1.01 | 54.0 | 9.17 | AV | 285.00 | 400 | Vertical | Pass |
| 5 | 11795.488 | 53.71 | -0.15 | 74.0 | 20.29 | Peak | 113.00 | 300 | Vertical | Pass |
| 5** | 11795.488 | 44.30 | -0.15 | 54.0 | 9.70 | AV | 113.00 | 300 | Vertical | Pass |
| 6 | 17462.137 | 57.26 | 5.34 | 74.0 | 16.74 | Peak | 132.00 | 200 | Vertical | Pass |
| 6** | 17462.137 | 46.87 | 5.34 | 54.0 | 7.13 | AV | 132.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g CHANNEL 1

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1595.600 | 42.77 | -16.93 | 74.0 | 31.23 | Peak | 234.00 | 200 | Horizontal | Pass |
| 1** | 1595.600 | 33.36 | -16.93 | 54.0 | 20.64 | AV | 234.00 | 200 | Horizontal | Pass |
| 2 | 2410.500 | 108.10 | -10.41 | 74.0 | -34.10 | Peak | 35.00 | 100 | Horizontal | N/A |
| 2** | 2410.500 | 100.40 | -10.41 | 54.0 | -46.40 | AV | 35.00 | 100 | Horizontal | N/A |
| 3 | 4974.750 | 49.24 | -3.58 | 74.0 | 24.76 | Peak | 240.00 | 200 | Horizontal | Pass |
| 3** | 4974.750 | 39.25 | -3.58 | 54.0 | 14.75 | AV | 240.00 | 200 | Horizontal | Pass |
| 4 | 7876.500 | 54.10 | 1.97 | 74.0 | 19.90 | Peak | 137.00 | 200 | Horizontal | Pass |
| 4** | 7876.500 | 46.28 | 1.97 | 54.0 | 7.72 | AV | 137.00 | 200 | Horizontal | Pass |
| 5 | 11759.863 | 53.18 | -0.19 | 74.0 | 20.82 | Peak | 13.00 | 400 | Horizontal | Pass |
| 5** | 11759.863 | 44.40 | -0.19 | 54.0 | 9.60 | AV | 13.00 | 400 | Horizontal | Pass |
| 6 | 16399.537 | 56.66 | 3.15 | 74.0 | 17.34 | Peak | 305.00 | 200 | Horizontal | Pass |
| 6** | 16399.537 | 46.94 | 3.15 | 54.0 | 7.06 | AV | 305.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g CHANNEL 1

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1316.200 | 42.34 | -16.83 | 74.0 | 31.66 | Peak | 360.00 | 400 | Vertical | Pass |
| 1** | 1316.200 | 32.94 | -16.83 | 54.0 | 21.06 | AV | 360.00 | 400 | Vertical | Pass |
| 2 | 2410.400 | 99.09 | -10.43 | 74.0 | -25.09 | Peak | 196.00 | 100 | Vertical | N/A |
| 2** | 2410.400 | 91.62 | -10.43 | 54.0 | -37.62 | AV | 196.00 | 100 | Vertical | N/A |
| 3 | 4994.250 | 49.20 | -3.35 | 74.0 | 24.80 | Peak | 259.00 | 150 | Vertical | Pass |
| 3** | 4994.250 | 40.56 | -3.35 | 54.0 | 13.44 | AV | 259.00 | 150 | Vertical | Pass |
| 4 | 7878.250 | 53.93 | 2.13 | 74.0 | 20.07 | Peak | 341.00 | 200 | Vertical | Pass |
| 4** | 7878.250 | 45.03 | 2.13 | 54.0 | 8.97 | AV | 341.00 | 200 | Vertical | Pass |
| 5 | 11799.763 | 52.95 | -0.15 | 74.0 | 21.05 | Peak | 135.00 | 100 | Vertical | Pass |
| 5** | 11799.763 | 43.11 | -0.15 | 54.0 | 10.89 | AV | 135.00 | 100 | Vertical | Pass |
| 6 | 17445.075 | 56.51 | 5.55 | 74.0 | 17.49 | Peak | 203.00 | 200 | Vertical | Pass |
| 6** | 17445.075 | 48.39 | 5.55 | 54.0 | 5.61 | AV | 203.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g CHANNEL 6

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1531.000 | 42.69 | -16.77 | 74.0 | 31.31 | Peak | 222.00 | 200 | Horizontal | Pass |
| 1** | 1531.000 | 32.18 | -16.77 | 54.0 | 21.82 | AV | 222.00 | 200 | Horizontal | Pass |
| 2 | 2440.400 | 108.39 | -9.94 | 74.0 | -34.39 | Peak | 42.00 | 100 | Horizontal | N/A |
| 2** | 2440.400 | 100.10 | -9.94 | 54.0 | -46.10 | AV | 42.00 | 100 | Horizontal | N/A |
| 3 | 4872.500 | 50.25 | -3.47 | 74.0 | 23.75 | Peak | 77.00 | 200 | Horizontal | Pass |
| 3** | 4872.500 | 40.97 | -3.47 | 54.0 | 13.03 | AV | 77.00 | 200 | Horizontal | Pass |
| 4 | 4875.500 | 49.34 | -3.49 | 74.0 | 24.66 | Peak | 36.00 | 200 | Horizontal | Pass |
| 4** | 4875.500 | 43.24 | -3.49 | 54.0 | 10.76 | AV | 36.00 | 200 | Horizontal | Pass |
| 5 | 11798.575 | 52.88 | -0.15 | 74.0 | 21.12 | Peak | 324.00 | 100 | Horizontal | Pass |
| 5** | 11798.575 | 44.06 | -0.15 | 54.0 | 9.94 | AV | 324.00 | 100 | Horizontal | Pass |
| 6 | 17441.401 | 56.21 | 5.54 | 74.0 | 17.79 | Peak | 343.00 | 400 | Horizontal | Pass |
| 6** | 17441.401 | 46.78 | 5.54 | 54.0 | 7.22 | AV | 343.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g CHANNEL 6

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1594.000 | 42.34 | -16.87 | 74.0 | 31.66 | Peak | 242.00 | 100 | Vertical | Pass |
| 1** | 1594.000 | 32.84 | -16.87 | 54.0 | 21.16 | AV | 242.00 | 100 | Vertical | Pass |
| 2 | 2435.700 | 100.13 | -10.15 | 74.0 | -26.13 | Peak | 223.00 | 100 | Vertical | N/A |
| 2** | 2435.700 | 92.75 | -10.15 | 54.0 | -38.75 | AV | 223.00 | 100 | Vertical | N/A |
| 3 | 4914.500 | 49.57 | -3.41 | 74.0 | 24.43 | Peak | 360.00 | 150 | Vertical | Pass |
| 3** | 4914.500 | 39.86 | -3.41 | 54.0 | 14.14 | AV | 360.00 | 150 | Vertical | Pass |
| 4 | 7703.500 | 54.17 | 1.35 | 74.0 | 19.83 | Peak | 360.00 | 100 | Vertical | Pass |
| 4** | 7703.500 | 45.49 | 1.35 | 54.0 | 8.51 | AV | 360.00 | 100 | Vertical | Pass |
| 5 | 11789.312 | 52.95 | -0.16 | 74.0 | 21.05 | Peak | 288.00 | 300 | Vertical | Pass |
| 5** | 11789.312 | 43.99 | -0.16 | 54.0 | 10.01 | AV | 288.00 | 300 | Vertical | Pass |
| 6 | 16402.688 | 56.22 | 3.13 | 74.0 | 17.78 | Peak | 133.00 | 100 | Vertical | Pass |
| 6** | 16402.688 | 47.84 | 3.13 | 54.0 | 6.16 | AV | 133.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1505.800 | 41.71 | -17.12 | 74.0 | 32.29 | Peak | 269.00 | 400 | Horizontal | Pass |
| 1** | 1505.800 | 33.25 | -17.12 | 54.0 | 20.75 | AV | 269.00 | 400 | Horizontal | Pass |
| 2 | 2460.300 | 107.50 | -11.28 | 74.0 | -33.50 | Peak | 44.00 | 150 | Horizontal | N/A |
| 2** | 2460.300 | 100.83 | -11.28 | 54.0 | -46.83 | AV | 44.00 | 150 | Horizontal | N/A |
| 3 | 4726.750 | 49.41 | -3.63 | 74.0 | 24.59 | Peak | 36.00 | 150 | Horizontal | Pass |
| 3** | 4726.750 | 39.29 | -3.63 | 54.0 | 14.71 | AV | 36.00 | 150 | Horizontal | Pass |
| 4 | 7871.250 | 53.48 | 1.65 | 74.0 | 20.52 | Peak | 360.00 | 200 | Horizontal | Pass |
| 4** | 7871.250 | 44.44 | 1.65 | 54.0 | 9.56 | AV | 360.00 | 200 | Horizontal | Pass |
| 5 | 11804.037 | 53.40 | -0.19 | 74.0 | 20.60 | Peak | 102.00 | 100 | Horizontal | Pass |
| 5** | 11804.037 | 43.42 | -0.19 | 54.0 | 10.58 | AV | 102.00 | 100 | Horizontal | Pass |
| 6 | 17463.450 | 56.81 | 5.32 | 74.0 | 17.19 | Peak | 228.00 | 300 | Horizontal | Pass |
| 6** | 17463.450 | 47.11 | 5.32 | 54.0 | 6.89 | AV | 228.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1597.800 | 42.06 | -16.95 | 74.0 | 31.94 | Peak | 130.00 | 200 | Vertical | Pass |
| 1** | 1597.800 | 32.91 | -16.95 | 54.0 | 21.09 | AV | 130.00 | 200 | Vertical | Pass |
| 2 | 2461.400 | 99.00 | -11.44 | 74.0 | -25.00 | Peak | 224.00 | 200 | Vertical | N/A |
| 2** | 2461.400 | 91.05 | -11.44 | 54.0 | -37.05 | AV | 224.00 | 200 | Vertical | N/A |
| 3 | 4739.500 | 49.16 | -2.99 | 74.0 | 24.84 | Peak | 283.00 | 100 | Vertical | Pass |
| 3** | 4739.500 | 40.03 | -2.99 | 54.0 | 13.97 | AV | 283.00 | 100 | Vertical | Pass |
| 4 | 7354.000 | 54.30 | 0.47 | 74.0 | 19.70 | Peak | 159.00 | 200 | Vertical | Pass |
| 4** | 7354.000 | 44.47 | 0.47 | 54.0 | 9.53 | AV | 159.00 | 200 | Vertical | Pass |
| 5 | 11788.363 | 53.25 | -0.16 | 74.0 | 20.75 | Peak | 317.00 | 100 | Vertical | Pass |
| 5** | 11788.363 | 43.51 | -0.16 | 54.0 | 10.49 | AV | 317.00 | 100 | Vertical | Pass |
| 6 | 17442.974 | 56.45 | 5.55 | 74.0 | 17.55 | Peak | 297.00 | 300 | Vertical | Pass |
| 6** | 17442.974 | 47.12 | 5.55 | 54.0 | 6.88 | AV | 297.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g CHANNEL 12

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1350.000 | 41.94 | -16.86 | 74.0 | 32.06 | Peak | 116.00 | 200 | Horizontal | Pass |
| 1** | 1350.000 | 32.03 | -16.86 | 54.0 | 21.97 | AV | 116.00 | 200 | Horizontal | Pass |
| 2 | 2465.600 | 105.08 | -11.25 | 74.0 | -31.08 | Peak | 52.00 | 100 | Horizontal | N/A |
| 2** | 2465.600 | 97.64 | -11.25 | 54.0 | -43.64 | AV | 52.00 | 100 | Horizontal | N/A |
| 3 | 4841.000 | 48.76 | -3.89 | 74.0 | 25.24 | Peak | 17.00 | 200 | Horizontal | Pass |
| 3** | 4841.000 | 38.76 | -3.89 | 54.0 | 15.24 | AV | 17.00 | 200 | Horizontal | Pass |
| 4 | 7894.750 | 54.35 | 1.35 | 74.0 | 19.65 | Peak | 137.00 | 400 | Horizontal | Pass |
| 4** | 7894.750 | 44.58 | 1.35 | 54.0 | 9.42 | AV | 137.00 | 400 | Horizontal | Pass |
| 5 | 12969.975 | 53.16 | 1.77 | 74.0 | 20.84 | Peak | 159.00 | 200 | Horizontal | Pass |
| 5** | 12969.975 | 42.90 | 1.77 | 54.0 | 11.10 | AV | 159.00 | 200 | Horizontal | Pass |
| 6 | 17389.427 | 56.80 | 4.93 | 74.0 | 17.20 | Peak | 76.00 | 200 | Horizontal | Pass |
| 6** | 17389.427 | 46.97 | 4.93 | 54.0 | 7.03 | AV | 76.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g CHANNEL 12

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1328.200 | 42.32 | -17.03 | 74.0 | 31.68 | Peak | 233.00 | 300 | Vertical | Pass |
| 1** | 1328.200 | 33.84 | -17.03 | 54.0 | 20.16 | AV | 233.00 | 300 | Vertical | Pass |
| 2 | 2465.200 | 97.10 | -11.40 | 74.0 | -23.10 | Peak | 187.00 | 100 | Vertical | N/A |
| 2** | 2465.200 | 89.28 | -11.40 | 54.0 | -35.28 | AV | 187.00 | 100 | Vertical | N/A |
| 3 | 4989.500 | 48.97 | -3.50 | 74.0 | 25.03 | Peak | 164.00 | 150 | Vertical | Pass |
| 3** | 4989.500 | 40.12 | -3.50 | 54.0 | 13.88 | AV | 164.00 | 150 | Vertical | Pass |
| 4 | 7712.000 | 53.84 | 1.91 | 74.0 | 20.16 | Peak | 2.00 | 100 | Vertical | Pass |
| 4** | 7712.000 | 45.22 | 1.91 | 54.0 | 8.78 | AV | 2.00 | 100 | Vertical | Pass |
| 5 | 11794.300 | 52.89 | -0.15 | 74.0 | 21.11 | Peak | 360.00 | 300 | Vertical | Pass |
| 5** | 11794.300 | 44.55 | -0.15 | 54.0 | 9.45 | AV | 360.00 | 300 | Vertical | Pass |
| 6 | 17447.698 | 56.85 | 5.56 | 74.0 | 17.15 | Peak | 4.00 | 200 | Vertical | Pass |
| 6** | 17447.698 | 47.94 | 5.56 | 54.0 | 6.06 | AV | 4.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11g CHANNEL 13

| No. | Frequency (MHz) | Results (dBUV/m) | Factor (dB) | Limit (dBUV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1329.700 | 42.32 | -16.79 | 74.0 | 31.68 | Peak | 183.00 | 300 | Horizontal | Pass |
| 1** | 1329.700 | 32.53 | -16.79 | 54.0 | 21.47 | AV | 183.00 | 300 | Horizontal | Pass |
| 2 | 2470.000 | 104.70 | -10.74 | 74.0 | -30.70 | Peak | 33.00 | 150 | Horizontal | N/A |
| 2** | 2470.000 | 96.97 | -10.74 | 54.0 | -42.97 | AV | 33.00 | 150 | Horizontal | N/A |
| 3 | 4962.250 | 48.82 | -3.61 | 74.0 | 25.18 | Peak | 183.00 | 200 | Horizontal | Pass |
| 3** | 4962.250 | 39.96 | -3.61 | 54.0 | 14.04 | AV | 183.00 | 200 | Horizontal | Pass |
| 4 | 7686.500 | 54.14 | 1.12 | 74.0 | 19.86 | Peak | 264.00 | 300 | Horizontal | Pass |
| 4** | 7686.500 | 44.42 | 1.12 | 54.0 | 9.58 | AV | 264.00 | 300 | Horizontal | Pass |
| 5 | 11768.175 | 53.04 | -0.18 | 74.0 | 20.96 | Peak | 99.00 | 300 | Horizontal | Pass |
| 5** | 11768.175 | 43.75 | -0.18 | 54.0 | 10.25 | AV | 99.00 | 300 | Horizontal | Pass |
| 6 | 16854.713 | 56.52 | 3.49 | 74.0 | 17.48 | Peak | 8.00 | 200 | Horizontal | Pass |
| 6** | 16854.713 | 48.28 | 3.49 | 54.0 | 5.72 | AV | 8.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11g CHANNEL 13

| No. | Frequency (MHz) | Results (dBUV/m) | Factor (dB) | Limit (dBUV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1332.300 | 42.65 | -17.10 | 74.0 | 31.35 | Peak | 237.00 | 100 | Vertical | Pass |
| 1** | 1332.300 | 32.78 | -17.10 | 54.0 | 21.22 | AV | 237.00 | 100 | Vertical | Pass |
| 2 | 2470.400 | 96.52 | -10.97 | 74.0 | -22.52 | Peak | 256.00 | 200 | Vertical | N/A |
| 2** | 2470.400 | 89.06 | -10.97 | 54.0 | -35.06 | AV | 256.00 | 200 | Vertical | N/A |
| 3 | 4957.500 | 48.99 | -3.81 | 74.0 | 25.01 | Peak | 205.00 | 200 | Vertical | Pass |
| 3** | 4957.500 | 39.48 | -3.81 | 54.0 | 14.52 | AV | 205.00 | 200 | Vertical | Pass |
| 4 | 7695.750 | 53.68 | 1.14 | 74.0 | 20.32 | Peak | 125.00 | 400 | Vertical | Pass |
| 4** | 7695.750 | 44.15 | 1.14 | 54.0 | 9.85 | AV | 125.00 | 400 | Vertical | Pass |
| 5 | 11784.800 | 53.35 | -0.16 | 74.0 | 20.65 | Peak | 106.00 | 300 | Vertical | Pass |
| 5** | 11784.800 | 43.08 | -0.16 | 54.0 | 10.92 | AV | 106.00 | 300 | Vertical | Pass |
| 6 | 16407.676 | 56.33 | 3.06 | 74.0 | 17.67 | Peak | 64.00 | 300 | Vertical | Pass |
| 6** | 16407.676 | 47.42 | 3.06 | 54.0 | 6.58 | AV | 64.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 1

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1367.200 | 41.60 | -17.04 | 74.0 | 32.40 | Peak | 261.00 | 400 | Horizontal | Pass |
| 1** | 1367.200 | 32.54 | -17.04 | 54.0 | 21.46 | AV | 261.00 | 400 | Horizontal | Pass |
| 2 | 2411.100 | 107.86 | -10.33 | 74.0 | -33.86 | Peak | 73.00 | 200 | Horizontal | N/A |
| 2** | 2411.100 | 101.11 | -10.33 | 54.0 | -47.11 | AV | 73.00 | 200 | Horizontal | N/A |
| 3 | 4824.750 | 50.49 | -3.68 | 74.0 | 23.51 | Peak | 57.00 | 150 | Horizontal | Pass |
| 3** | 4824.750 | 40.79 | -3.68 | 54.0 | 13.21 | AV | 57.00 | 150 | Horizontal | Pass |
| 4 | 4825.000 | 48.12 | -3.64 | 74.0 | 25.88 | Peak | 16.00 | 200 | Horizontal | Pass |
| 4** | 4825.000 | 43.18 | -3.64 | 54.0 | 10.82 | AV | 16.00 | 200 | Horizontal | Pass |
| 5 | 11776.250 | 52.57 | -0.17 | 74.0 | 21.43 | Peak | 181.00 | 300 | Horizontal | Pass |
| 5** | 11776.250 | 43.46 | -0.17 | 54.0 | 10.54 | AV | 181.00 | 300 | Horizontal | Pass |
| 6 | 17454.787 | 56.40 | 5.48 | 74.0 | 17.60 | Peak | 53.00 | 200 | Horizontal | Pass |
| 6** | 17454.787 | 47.58 | 5.48 | 54.0 | 6.42 | AV | 53.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 1

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1295.400 | 42.26 | -17.03 | 74.0 | 31.74 | Peak | 178.00 | 100 | Vertical | Pass |
| 1** | 1295.400 | 31.78 | -17.03 | 54.0 | 22.22 | AV | 178.00 | 100 | Vertical | Pass |
| 2 | 2410.200 | 99.27 | -10.41 | 74.0 | -25.27 | Peak | 188.00 | 150 | Vertical | N/A |
| 2** | 2410.200 | 92.30 | -10.41 | 54.0 | -38.30 | AV | 188.00 | 150 | Vertical | N/A |
| 3 | 4857.000 | 49.09 | -3.50 | 74.0 | 24.91 | Peak | 181.00 | 200 | Vertical | Pass |
| 3** | 4857.000 | 39.22 | -3.50 | 54.0 | 14.78 | AV | 181.00 | 200 | Vertical | Pass |
| 4 | 7360.750 | 53.94 | 0.78 | 74.0 | 20.06 | Peak | 79.00 | 200 | Vertical | Pass |
| 4** | 7360.750 | 43.98 | 0.78 | 54.0 | 10.02 | AV | 79.00 | 200 | Vertical | Pass |
| 5 | 11795.488 | 53.94 | -0.15 | 74.0 | 20.06 | Peak | 360.00 | 400 | Vertical | Pass |
| 5** | 11795.488 | 44.09 | -0.15 | 54.0 | 9.91 | AV | 360.00 | 400 | Vertical | Pass |
| 6 | 17463.187 | 56.30 | 5.32 | 74.0 | 17.70 | Peak | 84.00 | 300 | Vertical | Pass |
| 6** | 17463.187 | 47.18 | 5.32 | 54.0 | 6.82 | AV | 84.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 6

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1348.500 | 42.20 | -16.83 | 74.0 | 31.80 | Peak | 196.00 | 200 | Horizontal | Pass |
| 1** | 1348.500 | 32.58 | -16.83 | 54.0 | 21.42 | AV | 196.00 | 200 | Horizontal | Pass |
| 2 | 2438.600 | 108.44 | -10.02 | 74.0 | -34.44 | Peak | 319.00 | 150 | Horizontal | N/A |
| 2** | 2438.600 | 101.32 | -10.02 | 54.0 | -47.32 | AV | 319.00 | 150 | Horizontal | N/A |
| 3 | 4869.000 | 50.40 | -3.41 | 74.0 | 23.60 | Peak | 16.00 | 150 | Horizontal | Pass |
| 3** | 4869.000 | 41.07 | -3.41 | 54.0 | 12.93 | AV | 16.00 | 150 | Horizontal | Pass |
| 4 | 7881.750 | 53.91 | 2.02 | 74.0 | 20.09 | Peak | 16.00 | 300 | Horizontal | Pass |
| 4** | 7881.750 | 44.77 | 2.02 | 54.0 | 9.23 | AV | 16.00 | 300 | Horizontal | Pass |
| 5 | 12254.099 | 53.06 | 1.06 | 74.0 | 20.94 | Peak | 273.00 | 200 | Horizontal | Pass |
| 5** | 12254.099 | 43.21 | 1.06 | 54.0 | 10.79 | AV | 273.00 | 200 | Horizontal | Pass |
| 6 | 17409.374 | 56.30 | 5.45 | 74.0 | 17.70 | Peak | 360.00 | 200 | Horizontal | Pass |
| 6** | 17409.374 | 47.28 | 5.45 | 54.0 | 6.72 | AV | 360.00 | 200 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 6

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1332.600 | 43.16 | -17.13 | 74.0 | 30.84 | Peak | 242.00 | 100 | Vertical | Pass |
| 1** | 1332.600 | 33.32 | -17.13 | 54.0 | 20.68 | AV | 242.00 | 100 | Vertical | Pass |
| 2 | 2440.000 | 100.75 | -10.21 | 74.0 | -26.75 | Peak | 223.00 | 200 | Vertical | N/A |
| 2** | 2440.000 | 92.38 | -10.21 | 54.0 | -38.38 | AV | 223.00 | 200 | Vertical | N/A |
| 3 | 4809.500 | 49.17 | -3.21 | 74.0 | 24.83 | Peak | 343.00 | 150 | Vertical | Pass |
| 3** | 4809.500 | 39.24 | -3.21 | 54.0 | 14.76 | AV | 343.00 | 150 | Vertical | Pass |
| 4 | 7868.500 | 53.79 | 1.78 | 74.0 | 20.21 | Peak | 360.00 | 400 | Vertical | Pass |
| 4** | 7868.500 | 45.10 | 1.78 | 54.0 | 8.90 | AV | 360.00 | 400 | Vertical | Pass |
| 5 | 11772.213 | 52.73 | -0.17 | 74.0 | 21.27 | Peak | 218.00 | 400 | Vertical | Pass |
| 5** | 11772.213 | 43.65 | -0.17 | 54.0 | 10.35 | AV | 218.00 | 400 | Vertical | Pass |
| 6 | 17425.650 | 56.80 | 5.50 | 74.0 | 17.20 | Peak | 30.00 | 300 | Vertical | Pass |
| 6** | 17425.650 | 46.83 | 5.50 | 54.0 | 7.17 | AV | 30.00 | 300 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1451.200 | 41.88 | -17.05 | 74.0 | 32.12 | Peak | 52.00 | 400 | Horizontal | Pass |
| 1** | 1451.200 | 32.60 | -17.05 | 54.0 | 21.40 | AV | 52.00 | 400 | Horizontal | Pass |
| 2 | 2460.300 | 107.07 | -11.28 | 74.0 | -33.07 | Peak | 35.00 | 100 | Horizontal | N/A |
| 2** | 2460.300 | 100.63 | -11.28 | 54.0 | -46.63 | AV | 35.00 | 100 | Horizontal | N/A |
| 3 | 4958.750 | 49.24 | -3.67 | 74.0 | 24.76 | Peak | 16.00 | 100 | Horizontal | Pass |
| 3** | 4958.750 | 40.25 | -3.67 | 54.0 | 13.75 | AV | 16.00 | 100 | Horizontal | Pass |
| 4 | 7678.500 | 54.04 | 0.95 | 74.0 | 19.96 | Peak | 241.00 | 400 | Horizontal | Pass |
| 4** | 7678.500 | 44.31 | 0.95 | 54.0 | 9.69 | AV | 241.00 | 400 | Horizontal | Pass |
| 5 | 11259.688 | 52.92 | -0.95 | 74.0 | 21.08 | Peak | 0.00 | 400 | Horizontal | Pass |
| 5** | 11259.688 | 42.91 | -0.95 | 54.0 | 11.09 | AV | 0.00 | 400 | Horizontal | Pass |
| 6 | 17443.762 | 55.77 | 5.55 | 74.0 | 18.23 | Peak | 183.00 | 400 | Horizontal | Pass |
| 6** | 17443.762 | 47.27 | 5.55 | 54.0 | 6.73 | AV | 183.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1329.700 | 42.25 | -16.79 | 74.0 | 31.75 | Peak | 0.00 | 200 | Vertical | Pass |
| 1** | 1329.700 | 33.39 | -16.79 | 54.0 | 20.61 | AV | 0.00 | 200 | Vertical | Pass |
| 2 | 2461.100 | 99.52 | -11.35 | 74.0 | -25.52 | Peak | 223.00 | 100 | Vertical | N/A |
| 2** | 2461.100 | 91.92 | -11.35 | 54.0 | -37.92 | AV | 223.00 | 100 | Vertical | N/A |
| 3 | 4936.000 | 48.96 | -3.58 | 74.0 | 25.04 | Peak | 300.00 | 100 | Vertical | Pass |
| 3** | 4936.000 | 39.58 | -3.58 | 54.0 | 14.42 | AV | 300.00 | 100 | Vertical | Pass |
| 4 | 7895.250 | 53.68 | 1.49 | 74.0 | 20.32 | Peak | 198.00 | 300 | Vertical | Pass |
| 4** | 7895.250 | 44.47 | 1.49 | 54.0 | 9.53 | AV | 198.00 | 300 | Vertical | Pass |
| 5 | 11805.700 | 53.10 | -0.21 | 74.0 | 20.90 | Peak | 310.00 | 200 | Vertical | Pass |
| 5** | 11805.700 | 43.69 | -0.21 | 54.0 | 10.31 | AV | 310.00 | 200 | Vertical | Pass |
| 6 | 17455.313 | 56.60 | 5.47 | 74.0 | 17.40 | Peak | 132.00 | 200 | Vertical | Pass |
| 6** | 17455.313 | 47.64 | 5.47 | 54.0 | 6.36 | AV | 132.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 12

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1465.100 | 42.45 | -17.09 | 74.0 | 31.55 | Peak | 79.00 | 300 | Horizontal | Pass |
| 1** | 1465.100 | 33.16 | -17.09 | 54.0 | 20.84 | AV | 79.00 | 300 | Horizontal | Pass |
| 2 | 2468.100 | 105.37 | -11.06 | 74.0 | -31.37 | Peak | 305.00 | 150 | Horizontal | N/A |
| 2** | 2468.100 | 98.16 | -11.06 | 54.0 | -44.16 | AV | 305.00 | 150 | Horizontal | N/A |
| 3 | 4954.250 | 49.51 | -3.52 | 74.0 | 24.49 | Peak | 184.00 | 150 | Horizontal | Pass |
| 3** | 4954.250 | 41.42 | -3.52 | 54.0 | 12.58 | AV | 184.00 | 150 | Horizontal | Pass |
| 4 | 7420.000 | 54.18 | 1.50 | 74.0 | 19.82 | Peak | 360.00 | 200 | Horizontal | Pass |
| 4** | 7420.000 | 44.51 | 1.50 | 54.0 | 9.49 | AV | 360.00 | 200 | Horizontal | Pass |
| 5 | 11758.675 | 53.15 | -0.19 | 74.0 | 20.85 | Peak | 208.00 | 300 | Horizontal | Pass |
| 5** | 11758.675 | 43.90 | -0.19 | 54.0 | 10.10 | AV | 208.00 | 300 | Horizontal | Pass |
| 6 | 17419.350 | 57.26 | 5.48 | 74.0 | 16.74 | Peak | 150.00 | 300 | Horizontal | Pass |
| 6** | 17419.350 | 47.65 | 5.48 | 54.0 | 6.35 | AV | 150.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 12

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1465.200 | 42.30 | -17.09 | 74.0 | 31.70 | Peak | 305.00 | 200 | Vertical | Pass |
| 1** | 1465.200 | 32.20 | -17.09 | 54.0 | 21.80 | AV | 305.00 | 200 | Vertical | Pass |
| 2 | 2465.400 | 97.46 | -11.33 | 74.0 | -23.46 | Peak | 251.00 | 200 | Vertical | N/A |
| 2** | 2465.400 | 89.60 | -11.33 | 54.0 | -35.60 | AV | 251.00 | 200 | Vertical | N/A |
| 3 | 4909.250 | 49.33 | -3.32 | 74.0 | 24.67 | Peak | 324.00 | 100 | Vertical | Pass |
| 3** | 4909.250 | 40.05 | -3.32 | 54.0 | 13.95 | AV | 324.00 | 100 | Vertical | Pass |
| 4 | 7710.000 | 54.03 | 1.69 | 74.0 | 19.97 | Peak | 123.00 | 100 | Vertical | Pass |
| 4** | 7710.000 | 44.67 | 1.69 | 54.0 | 9.33 | AV | 123.00 | 100 | Vertical | Pass |
| 5 | 12031.088 | 53.12 | 0.05 | 74.0 | 20.88 | Peak | 64.00 | 100 | Vertical | Pass |
| 5** | 12031.088 | 43.46 | 0.05 | 54.0 | 10.54 | AV | 64.00 | 100 | Vertical | Pass |
| 6 | 17420.136 | 56.57 | 5.48 | 74.0 | 17.43 | Peak | 332.00 | 200 | Vertical | Pass |
| 6** | 17420.136 | 46.68 | 5.48 | 54.0 | 7.32 | AV | 332.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n20 CHANNEL 13

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1583.200 | 42.74 | -16.84 | 74.0 | 31.26 | Peak | 132.00 | 300 | Horizontal | Pass |
| 1** | 1583.200 | 33.09 | -16.84 | 54.0 | 20.91 | AV | 132.00 | 300 | Horizontal | Pass |
| 2 | 2467.100 | 104.92 | -11.20 | 74.0 | -30.92 | Peak | 42.00 | 200 | Horizontal | N/A |
| 2** | 2467.100 | 96.82 | -11.20 | 54.0 | -42.82 | AV | 42.00 | 200 | Horizontal | N/A |
| 3 | 4939.000 | 48.93 | -3.51 | 74.0 | 25.07 | Peak | 164.00 | 150 | Horizontal | Pass |
| 3** | 4939.000 | 39.93 | -3.51 | 54.0 | 14.07 | AV | 164.00 | 150 | Horizontal | Pass |
| 4 | 7879.000 | 53.82 | 2.02 | 74.0 | 20.18 | Peak | 285.00 | 400 | Horizontal | Pass |
| 4** | 7879.000 | 44.66 | 2.02 | 54.0 | 9.34 | AV | 285.00 | 400 | Horizontal | Pass |
| 5 | 11794.062 | 53.73 | -0.15 | 74.0 | 20.27 | Peak | 347.00 | 100 | Horizontal | Pass |
| 5** | 11794.062 | 43.84 | -0.15 | 54.0 | 10.16 | AV | 347.00 | 100 | Horizontal | Pass |
| 6 | 16428.676 | 56.66 | 2.78 | 74.0 | 17.34 | Peak | 123.00 | 100 | Horizontal | Pass |
| 6** | 16428.676 | 46.83 | 2.78 | 54.0 | 7.17 | AV | 123.00 | 100 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n20 CHANNEL 13

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1512.500 | 42.60 | -16.53 | 74.0 | 31.40 | Peak | 13.00 | 300 | Vertical | Pass |
| 1** | 1512.500 | 33.46 | -16.53 | 54.0 | 20.54 | AV | 13.00 | 300 | Vertical | Pass |
| 2 | 2470.700 | 97.02 | -10.85 | 74.0 | -23.02 | Peak | 193.00 | 100 | Vertical | N/A |
| 2** | 2470.700 | 89.38 | -10.85 | 54.0 | -35.38 | AV | 193.00 | 100 | Vertical | N/A |
| 3 | 4980.250 | 48.98 | -3.29 | 74.0 | 25.02 | Peak | 66.00 | 150 | Vertical | Pass |
| 3** | 4980.250 | 39.85 | -3.29 | 54.0 | 14.15 | AV | 66.00 | 150 | Vertical | Pass |
| 4 | 7686.000 | 53.70 | 1.48 | 74.0 | 20.30 | Peak | 360.00 | 100 | Vertical | Pass |
| 4** | 7686.000 | 44.64 | 1.48 | 54.0 | 9.36 | AV | 360.00 | 100 | Vertical | Pass |
| 5 | 11765.325 | 52.94 | -0.18 | 74.0 | 21.06 | Peak | 298.00 | 300 | Vertical | Pass |
| 5** | 11765.325 | 43.83 | -0.18 | 54.0 | 10.17 | AV | 298.00 | 300 | Vertical | Pass |
| 6 | 17463.714 | 55.89 | 5.31 | 74.0 | 18.11 | Peak | 67.00 | 100 | Vertical | Pass |
| 6** | 17463.714 | 46.97 | 5.31 | 54.0 | 7.03 | AV | 67.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 3

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1409.000 | 42.11 | -17.11 | 74.0 | 31.89 | Peak | 224.00 | 400 | Horizontal | Pass |
| 1** | 1409.000 | 32.08 | -17.11 | 54.0 | 21.92 | AV | 224.00 | 400 | Horizontal | Pass |
| 2 | 2425.200 | 104.16 | -10.65 | 74.0 | -30.16 | Peak | 35.00 | 100 | Horizontal | N/A |
| 2** | 2425.200 | 95.89 | -10.65 | 54.0 | -41.89 | AV | 35.00 | 100 | Horizontal | N/A |
| 3 | 4914.500 | 48.78 | -3.41 | 74.0 | 25.22 | Peak | 179.00 | 200 | Horizontal | Pass |
| 3** | 4914.500 | 40.93 | -3.41 | 54.0 | 13.07 | AV | 179.00 | 200 | Horizontal | Pass |
| 4 | 7757.500 | 54.07 | 1.47 | 74.0 | 19.93 | Peak | 96.00 | 200 | Horizontal | Pass |
| 4** | 7757.500 | 44.88 | 1.47 | 54.0 | 9.12 | AV | 96.00 | 200 | Horizontal | Pass |
| 5 | 11797.387 | 52.76 | -0.15 | 74.0 | 21.24 | Peak | 54.00 | 200 | Horizontal | Pass |
| 5** | 11797.387 | 43.99 | -0.15 | 54.0 | 10.01 | AV | 54.00 | 200 | Horizontal | Pass |
| 6 | 16390.613 | 56.43 | 2.81 | 74.0 | 17.57 | Peak | 123.00 | 400 | Horizontal | Pass |
| 6** | 16390.613 | 47.30 | 2.81 | 54.0 | 6.70 | AV | 123.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 3

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1400.400 | 43.09 | -16.83 | 74.0 | 30.91 | Peak | 308.00 | 100 | Vertical | Pass |
| 1** | 1400.400 | 32.55 | -16.83 | 54.0 | 21.45 | AV | 308.00 | 100 | Vertical | Pass |
| 2 | 2426.300 | 94.60 | -10.06 | 74.0 | -20.60 | Peak | 142.00 | 100 | Vertical | N/A |
| 2** | 2426.300 | 86.73 | -10.06 | 54.0 | -32.73 | AV | 142.00 | 100 | Vertical | N/A |
| 3 | 4936.500 | 49.27 | -3.39 | 74.0 | 24.73 | Peak | 343.00 | 200 | Vertical | Pass |
| 3** | 4936.500 | 40.62 | -3.39 | 54.0 | 13.38 | AV | 343.00 | 200 | Vertical | Pass |
| 4 | 7970.750 | 53.71 | 1.84 | 74.0 | 20.29 | Peak | 98.00 | 100 | Vertical | Pass |
| 4** | 7970.750 | 44.40 | 1.84 | 54.0 | 9.60 | AV | 98.00 | 100 | Vertical | Pass |
| 5 | 12959.213 | 52.71 | 1.66 | 74.0 | 21.29 | Peak | 178.00 | 100 | Vertical | Pass |
| 5** | 12959.213 | 43.51 | 1.66 | 54.0 | 10.49 | AV | 178.00 | 100 | Vertical | Pass |
| 6 | 17391.262 | 56.21 | 5.02 | 74.0 | 17.79 | Peak | 0.00 | 200 | Vertical | Pass |
| 6** | 17391.262 | 47.23 | 5.02 | 54.0 | 6.77 | AV | 0.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 6

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1319.100 | 41.68 | -16.95 | 74.0 | 32.32 | Peak | 132.00 | 200 | Horizontal | Pass |
| 1** | 1319.100 | 32.21 | -16.95 | 54.0 | 21.79 | AV | 132.00 | 200 | Horizontal | Pass |
| 2 | 2438.400 | 104.39 | -9.92 | 74.0 | -30.39 | Peak | 307.00 | 200 | Horizontal | N/A |
| 2** | 2438.400 | 96.96 | -9.92 | 54.0 | -42.96 | AV | 307.00 | 200 | Horizontal | N/A |
| 3 | 4871.500 | 48.98 | -3.60 | 74.0 | 25.02 | Peak | 67.00 | 200 | Horizontal | Pass |
| 3** | 4871.500 | 39.51 | -3.60 | 54.0 | 14.49 | AV | 67.00 | 200 | Horizontal | Pass |
| 4 | 7981.000 | 53.60 | 1.50 | 74.0 | 20.40 | Peak | 45.00 | 100 | Horizontal | Pass |
| 4** | 7981.000 | 43.72 | 1.50 | 54.0 | 10.28 | AV | 45.00 | 100 | Horizontal | Pass |
| 5 | 11736.588 | 52.82 | -0.28 | 74.0 | 21.18 | Peak | 276.00 | 100 | Horizontal | Pass |
| 5** | 11736.588 | 43.48 | -0.28 | 54.0 | 10.52 | AV | 276.00 | 100 | Horizontal | Pass |
| 6 | 17423.286 | 55.91 | 5.49 | 74.0 | 18.09 | Peak | 101.00 | 400 | Horizontal | Pass |
| 6** | 17423.286 | 46.78 | 5.49 | 54.0 | 7.22 | AV | 101.00 | 400 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 6

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1329.800 | 43.06 | -16.84 | 74.0 | 30.94 | Peak | 232.00 | 200 | Vertical | Pass |
| 1** | 1329.800 | 33.52 | -16.84 | 54.0 | 20.48 | AV | 232.00 | 200 | Vertical | Pass |
| 2 | 2440.800 | 96.05 | -9.79 | 74.0 | -22.05 | Peak | 213.00 | 200 | Vertical | N/A |
| 2** | 2440.800 | 88.38 | -9.79 | 54.0 | -34.38 | AV | 213.00 | 200 | Vertical | N/A |
| 3 | 4734.000 | 49.30 | -2.78 | 74.0 | 24.70 | Peak | 278.00 | 150 | Vertical | Pass |
| 3** | 4734.000 | 39.09 | -2.78 | 54.0 | 14.91 | AV | 278.00 | 150 | Vertical | Pass |
| 4 | 7423.250 | 53.23 | 1.41 | 74.0 | 20.77 | Peak | 339.00 | 100 | Vertical | Pass |
| 4** | 7423.250 | 44.89 | 1.41 | 54.0 | 9.11 | AV | 339.00 | 100 | Vertical | Pass |
| 5 | 12309.675 | 53.30 | 0.61 | 74.0 | 20.70 | Peak | 247.00 | 200 | Vertical | Pass |
| 5** | 12309.675 | 42.31 | 0.61 | 54.0 | 11.69 | AV | 247.00 | 200 | Vertical | Pass |
| 6 | 16403.213 | 56.23 | 3.12 | 74.0 | 17.77 | Peak | 52.00 | 400 | Vertical | Pass |
| 6** | 16403.213 | 47.36 | 3.12 | 54.0 | 6.64 | AV | 52.00 | 400 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 9

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1581.900 | 41.76 | -16.74 | 74.0 | 32.24 | Peak | 344.00 | 100 | Horizontal | Pass |
| 1** | 1581.900 | 32.28 | -16.74 | 54.0 | 21.72 | AV | 344.00 | 100 | Horizontal | Pass |
| 2 | 2455.100 | 104.63 | -11.20 | 74.0 | -30.63 | Peak | 33.00 | 100 | Horizontal | N/A |
| 2** | 2455.100 | 96.34 | -11.20 | 54.0 | -42.34 | AV | 33.00 | 100 | Horizontal | N/A |
| 3 | 4903.500 | 49.35 | -3.40 | 74.0 | 24.65 | Peak | 179.00 | 100 | Horizontal | Pass |
| 3** | 4903.500 | 39.96 | -3.40 | 54.0 | 14.04 | AV | 179.00 | 100 | Horizontal | Pass |
| 4 | 7707.500 | 53.78 | 1.49 | 74.0 | 20.22 | Peak | 159.00 | 400 | Horizontal | Pass |
| 4** | 7707.500 | 44.35 | 1.49 | 54.0 | 9.65 | AV | 159.00 | 400 | Horizontal | Pass |
| 5 | 11699.299 | 52.55 | -0.53 | 74.0 | 21.45 | Peak | 119.00 | 400 | Horizontal | Pass |
| 5** | 11699.299 | 43.16 | -0.53 | 54.0 | 10.84 | AV | 119.00 | 400 | Horizontal | Pass |
| 6 | 17409.374 | 56.00 | 5.45 | 74.0 | 18.00 | Peak | 360.00 | 300 | Horizontal | Pass |
| 6** | 17409.374 | 47.51 | 5.45 | 54.0 | 6.49 | AV | 360.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 9

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1512.200 | 42.77 | -16.45 | 74.0 | 31.23 | Peak | 186.00 | 200 | Vertical | Pass |
| 1** | 1512.200 | 32.52 | -16.45 | 54.0 | 21.48 | AV | 186.00 | 200 | Vertical | Pass |
| 2 | 2448.800 | 96.21 | -10.22 | 74.0 | -22.21 | Peak | 213.00 | 100 | Vertical | N/A |
| 2** | 2448.800 | 88.56 | -10.22 | 54.0 | -34.56 | AV | 213.00 | 100 | Vertical | N/A |
| 3 | 4944.000 | 49.01 | -3.68 | 74.0 | 24.99 | Peak | 57.00 | 200 | Vertical | Pass |
| 3** | 4944.000 | 39.64 | -3.68 | 54.0 | 14.36 | AV | 57.00 | 200 | Vertical | Pass |
| 4 | 7971.500 | 54.33 | 1.71 | 74.0 | 19.67 | Peak | 322.00 | 300 | Vertical | Pass |
| 4** | 7971.500 | 43.55 | 1.71 | 54.0 | 10.45 | AV | 322.00 | 300 | Vertical | Pass |
| 5 | 11773.400 | 52.67 | -0.17 | 74.0 | 21.33 | Peak | 293.00 | 300 | Vertical | Pass |
| 5** | 11773.400 | 43.96 | -0.17 | 54.0 | 10.04 | AV | 293.00 | 300 | Vertical | Pass |
| 6 | 17425.650 | 56.05 | 5.50 | 74.0 | 17.95 | Peak | 314.00 | 100 | Vertical | Pass |
| 6** | 17425.650 | 46.09 | 5.50 | 54.0 | 7.91 | AV | 314.00 | 100 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 10

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1531.200 | 42.45 | -16.70 | 74.0 | 31.55 | Peak | 111.00 | 300 | Horizontal | Pass |
| 1** | 1531.200 | 32.77 | -16.70 | 54.0 | 21.23 | AV | 111.00 | 300 | Horizontal | Pass |
| 2 | 2460.000 | 104.47 | -11.31 | 74.0 | -30.47 | Peak | 40.00 | 100 | Horizontal | N/A |
| 2** | 2460.000 | 96.26 | -11.31 | 54.0 | -42.26 | AV | 40.00 | 100 | Horizontal | N/A |
| 3 | 4975.500 | 49.05 | -3.62 | 74.0 | 24.95 | Peak | 297.00 | 100 | Horizontal | Pass |
| 3** | 4975.500 | 39.84 | -3.62 | 54.0 | 14.16 | AV | 297.00 | 100 | Horizontal | Pass |
| 4 | 7888.750 | 54.08 | 1.52 | 74.0 | 19.92 | Peak | 35.00 | 200 | Horizontal | Pass |
| 4** | 7888.750 | 44.16 | 1.52 | 54.0 | 9.84 | AV | 35.00 | 200 | Horizontal | Pass |
| 5 | 11801.187 | 52.86 | -0.16 | 74.0 | 21.14 | Peak | 291.00 | 400 | Horizontal | Pass |
| 5** | 11801.187 | 44.00 | -0.16 | 54.0 | 10.00 | AV | 291.00 | 400 | Horizontal | Pass |
| 6 | 17436.938 | 57.20 | 5.53 | 74.0 | 16.80 | Peak | 324.00 | 300 | Horizontal | Pass |
| 6** | 17436.938 | 47.62 | 5.53 | 54.0 | 6.38 | AV | 324.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 10

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1443.500 | 42.63 | -16.85 | 74.0 | 31.37 | Peak | 33.00 | 100 | Vertical | Pass |
| 1** | 1443.500 | 32.34 | -16.85 | 54.0 | 21.66 | AV | 33.00 | 100 | Vertical | Pass |
| 2 | 2460.300 | 96.85 | -11.28 | 74.0 | -22.85 | Peak | 222.00 | 200 | Vertical | N/A |
| 2** | 2460.300 | 89.16 | -11.28 | 54.0 | -35.16 | AV | 222.00 | 200 | Vertical | N/A |
| 3 | 4911.000 | 49.10 | -3.54 | 74.0 | 24.90 | Peak | 244.00 | 100 | Vertical | Pass |
| 3** | 4911.000 | 39.85 | -3.54 | 54.0 | 14.15 | AV | 244.00 | 100 | Vertical | Pass |
| 4 | 7688.500 | 54.37 | 1.01 | 74.0 | 19.63 | Peak | 144.00 | 300 | Vertical | Pass |
| 4** | 7688.500 | 44.24 | 1.01 | 54.0 | 9.76 | AV | 144.00 | 300 | Vertical | Pass |
| 5 | 11720.912 | 53.28 | -0.38 | 74.0 | 20.72 | Peak | 208.00 | 200 | Vertical | Pass |
| 5** | 11720.912 | 43.88 | -0.38 | 54.0 | 10.12 | AV | 208.00 | 200 | Vertical | Pass |
| 6 | 17441.663 | 56.61 | 5.54 | 74.0 | 17.39 | Peak | 354.00 | 200 | Vertical | Pass |
| 6** | 17441.663 | 47.23 | 5.54 | 54.0 | 6.77 | AV | 354.00 | 200 | Vertical | Pass |

1 GHz to 18 GHz, ANT H 802.11n40 CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 1523.900 | 41.99 | -17.31 | 74.0 | 32.01 | Peak | 0.00 | 200 | Horizontal | Pass |
| 1** | 1523.900 | 32.70 | -17.31 | 54.0 | 21.30 | AV | 0.00 | 200 | Horizontal | Pass |
| 2 | 2463.700 | 103.00 | -11.23 | 74.0 | -29.00 | Peak | 42.00 | 150 | Horizontal | N/A |
| 2** | 2463.700 | 94.87 | -11.23 | 54.0 | -40.87 | AV | 42.00 | 150 | Horizontal | N/A |
| 3 | 4840.750 | 49.43 | -3.88 | 74.0 | 24.57 | Peak | 285.00 | 100 | Horizontal | Pass |
| 3** | 4840.750 | 38.57 | -3.88 | 54.0 | 15.43 | AV | 285.00 | 100 | Horizontal | Pass |
| 4 | 7448.500 | 54.00 | 0.18 | 74.0 | 20.00 | Peak | 125.00 | 100 | Horizontal | Pass |
| 4** | 7448.500 | 43.30 | 0.18 | 54.0 | 10.70 | AV | 125.00 | 100 | Horizontal | Pass |
| 5 | 12217.050 | 52.72 | 0.64 | 74.0 | 21.28 | Peak | 181.00 | 400 | Horizontal | Pass |
| 5** | 12217.050 | 42.88 | 0.64 | 54.0 | 11.12 | AV | 181.00 | 400 | Horizontal | Pass |
| 6 | 17426.176 | 56.50 | 5.50 | 74.0 | 17.50 | Peak | 0.00 | 300 | Horizontal | Pass |
| 6** | 17426.176 | 46.88 | 5.50 | 54.0 | 7.12 | AV | 0.00 | 300 | Horizontal | Pass |

1 GHz to 18 GHz, ANT V 802.11n40 CHANNEL 11

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1 | 1367.900 | 42.75 | -16.85 | 74.0 | 31.25 | Peak | 215.00 | 300 | Vertical | Pass |
| 1** | 1367.900 | 32.64 | -16.85 | 54.0 | 21.36 | AV | 215.00 | 300 | Vertical | Pass |
| 2 | 2458.800 | 95.64 | -11.18 | 74.0 | -21.64 | Peak | 224.00 | 200 | Vertical | N/A |
| 2** | 2458.800 | 87.95 | -11.18 | 54.0 | -33.95 | AV | 224.00 | 200 | Vertical | N/A |
| 3 | 4964.500 | 49.55 | -3.49 | 74.0 | 24.45 | Peak | 207.00 | 200 | Vertical | Pass |
| 3** | 4964.500 | 39.90 | -3.49 | 54.0 | 14.10 | AV | 207.00 | 200 | Vertical | Pass |
| 4 | 7340.750 | 54.18 | -0.01 | 74.0 | 19.82 | Peak | 325.00 | 300 | Vertical | Pass |
| 4** | 7340.750 | 44.54 | -0.01 | 54.0 | 9.46 | AV | 325.00 | 300 | Vertical | Pass |
| 5 | 11772.925 | 52.82 | -0.17 | 74.0 | 21.18 | Peak | 128.00 | 200 | Vertical | Pass |
| 5** | 11772.925 | 43.09 | -0.17 | 54.0 | 10.91 | AV | 128.00 | 200 | Vertical | Pass |
| 6 | 17450.850 | 56.03 | 5.55 | 74.0 | 17.97 | Peak | 251.00 | 200 | Vertical | Pass |
| 6** | 17450.850 | 47.00 | 5.55 | 54.0 | 7.00 | AV | 251.00 | 200 | Vertical | Pass |

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

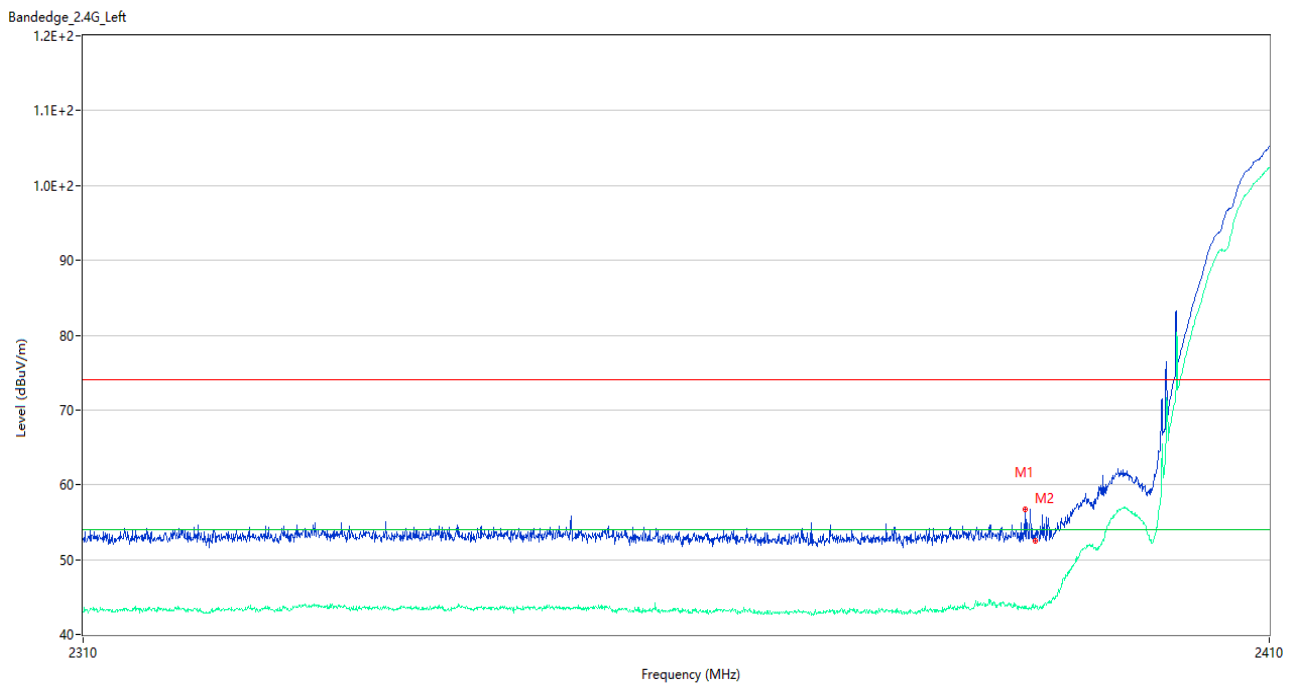
Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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.

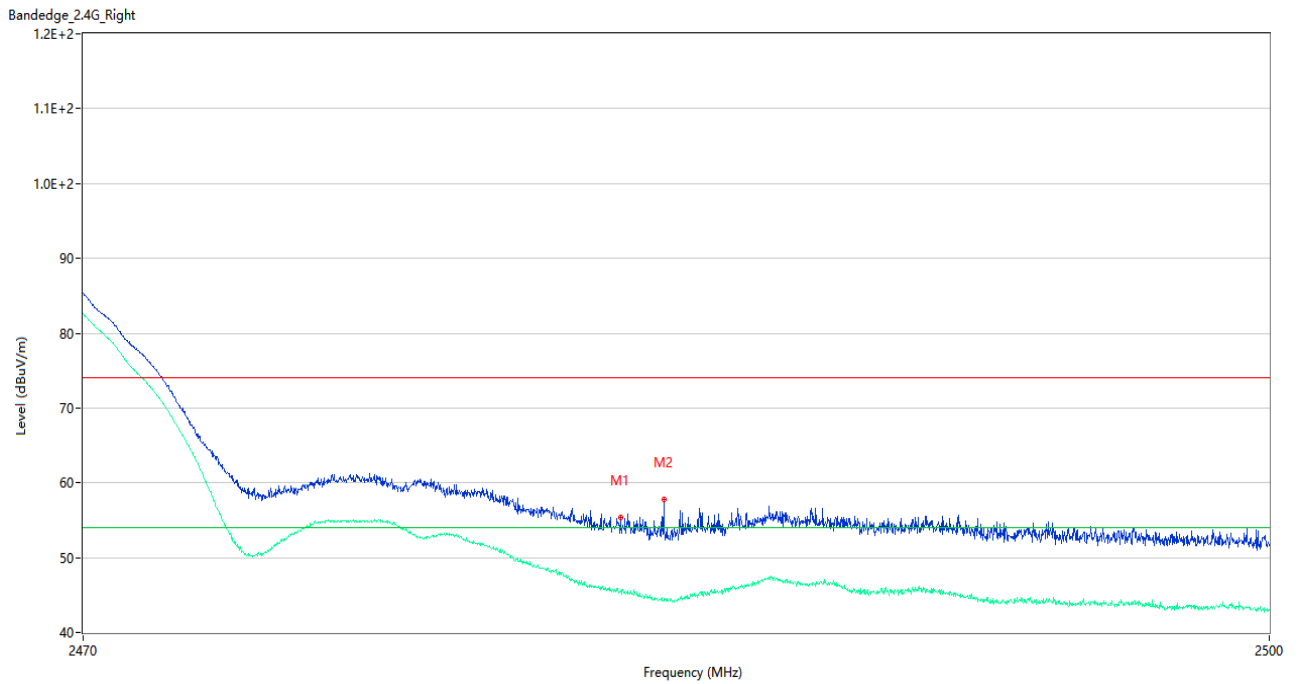
Test Data and Plots

802.11b CHANNEL 1



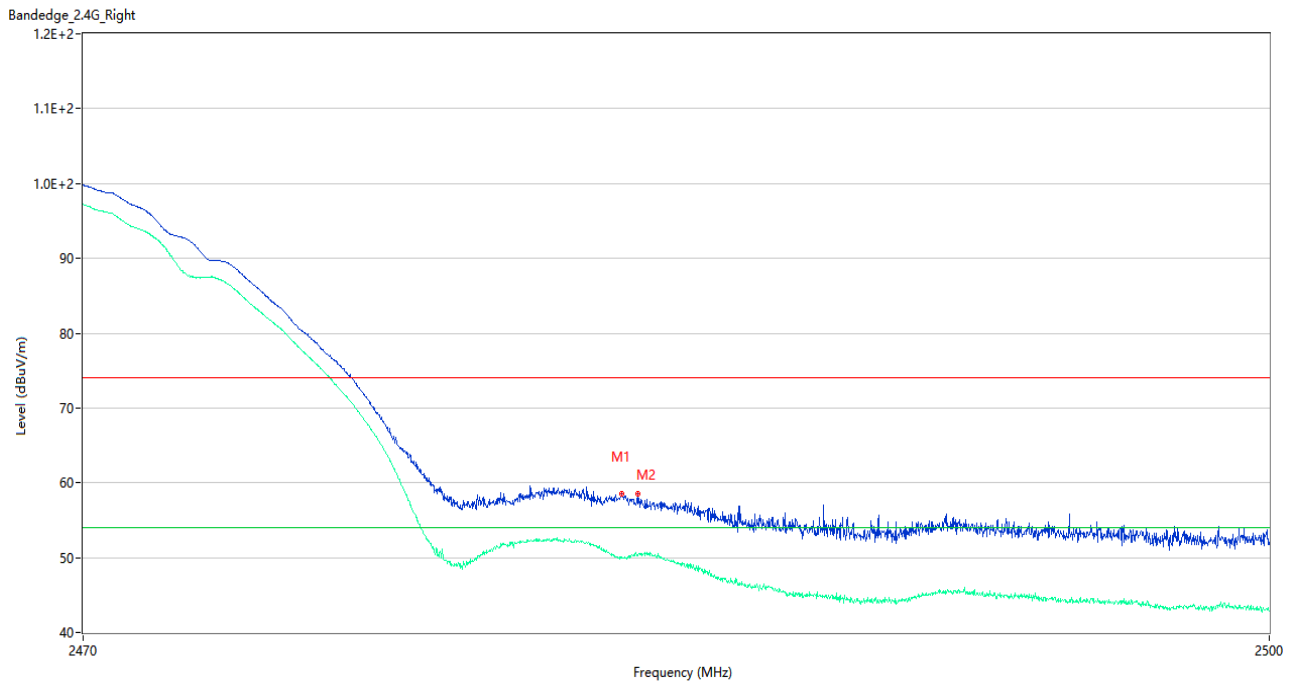
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2389.100 | 56.75 | -1.89 | 74.0 | 17.25 | Peak | 65.00 | 100 | Horizontal | Pass |
| 1** | 2389.100 | 43.51 | -1.89 | 54.0 | 10.49 | AV | 65.00 | 100 | Horizontal | Pass |
| 2 | 2389.950 | 52.55 | -1.82 | 74.0 | 21.45 | Peak | 130.00 | 100 | Horizontal | Pass |
| 2** | 2389.950 | 43.67 | -1.82 | 54.0 | 10.33 | AV | 130.00 | 100 | Horizontal | Pass |

802.11b CHANNEL 11



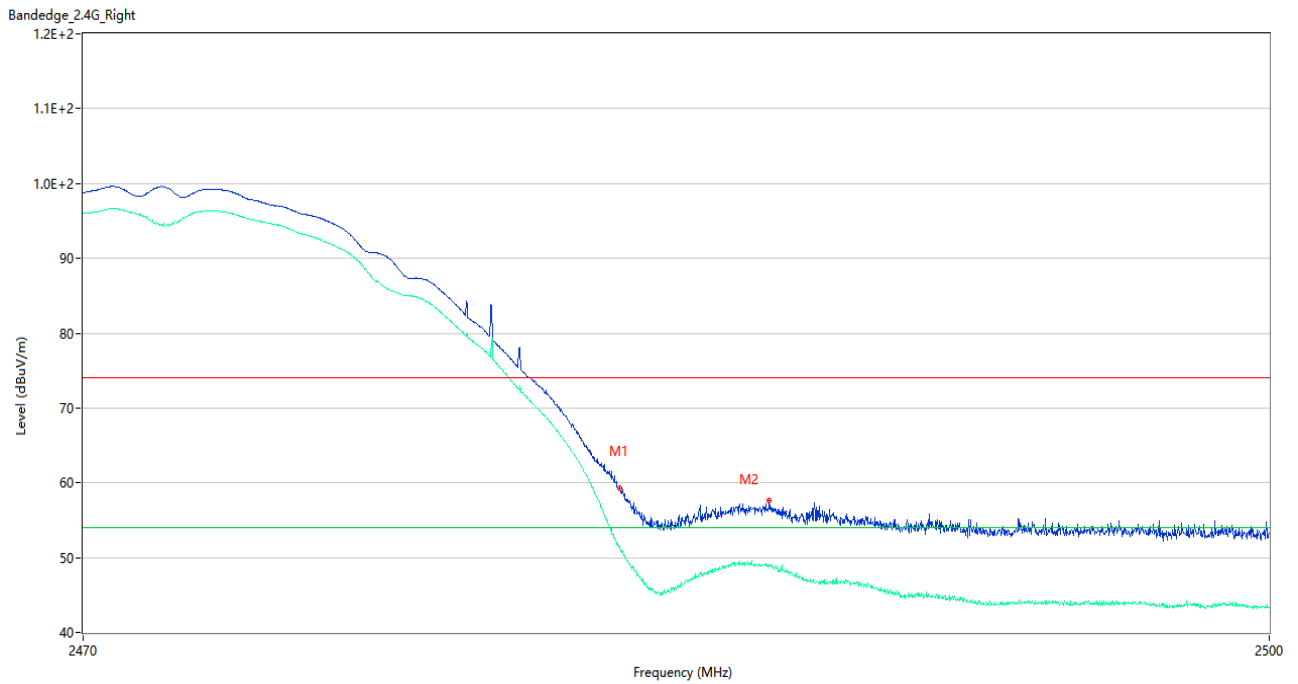
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.545 | 55.32 | -1.09 | 74.0 | 18.68 | Peak | 360.00 | 100 | Horizontal | Pass |
| 1** | 2483.545 | 45.46 | -1.09 | 54.0 | 8.54 | AV | 360.00 | 100 | Horizontal | Pass |
| 2 | 2484.640 | 57.74 | -1.24 | 74.0 | 16.26 | Peak | 360.00 | 200 | Horizontal | Pass |
| 2** | 2484.640 | 44.18 | -1.24 | 54.0 | 9.82 | AV | 360.00 | 200 | Horizontal | Pass |

802.11b CHANNEL 12



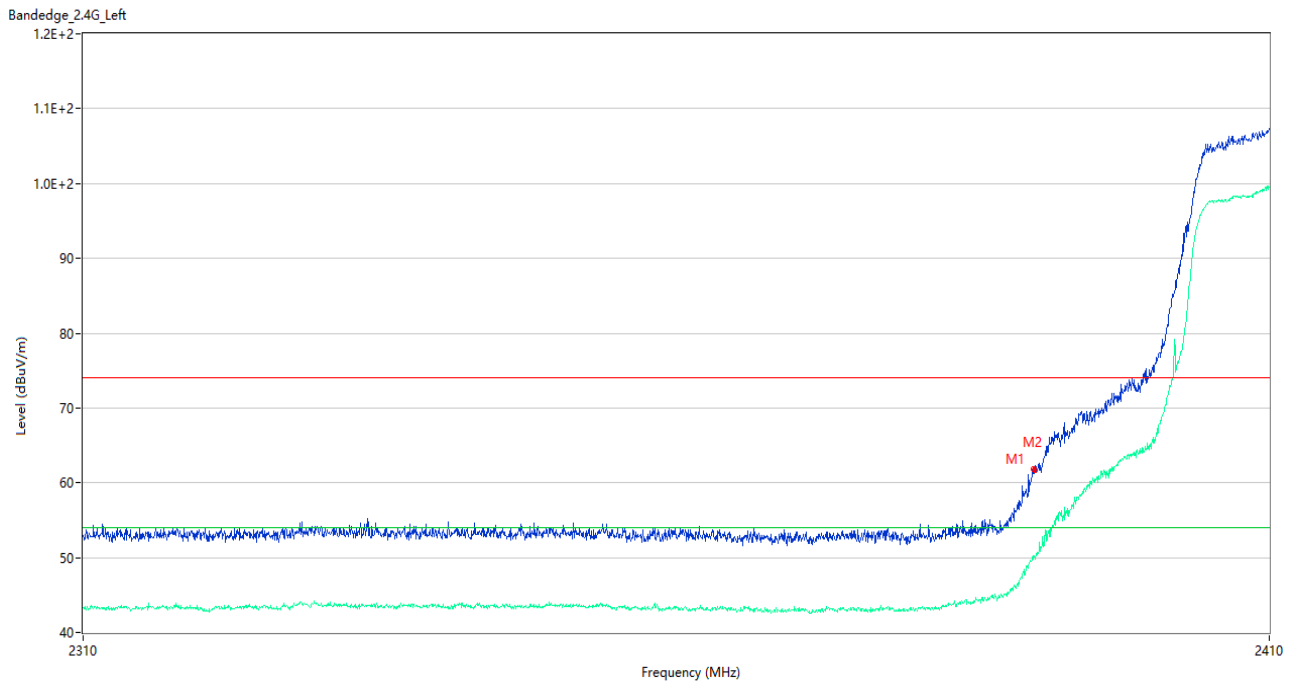
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.575 | 58.54 | -1.09 | 74.0 | 15.46 | Peak | 360.00 | 150 | Horizontal | Pass |
| 1** | 2483.575 | 50.00 | -1.09 | 54.0 | 4.00 | AV | 360.00 | 150 | Horizontal | Pass |
| 2 | 2483.980 | 58.53 | -1.05 | 74.0 | 15.47 | Peak | 360.00 | 150 | Horizontal | Pass |
| 2** | 2483.980 | 50.27 | -1.05 | 54.0 | 3.73 | AV | 360.00 | 150 | Horizontal | Pass |

802.11b CHANNEL 13



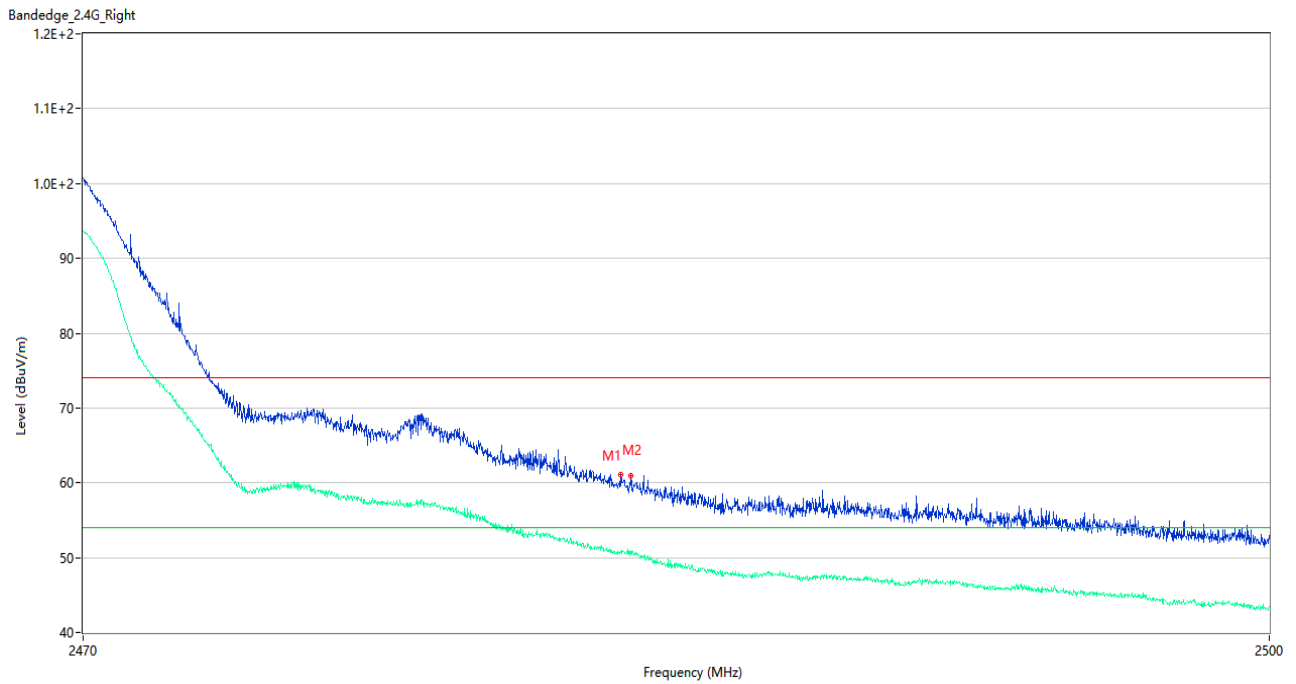
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.515 | 59.27 | -1.10 | 74.0 | 14.73 | Peak | 307.00 | 100 | Horizontal | Pass |
| 1** | 2483.515 | 50.82 | -1.10 | 54.0 | 3.18 | AV | 307.00 | 100 | Horizontal | Pass |
| 2 | 2487.310 | 57.60 | -0.75 | 74.0 | 16.40 | Peak | 295.00 | 150 | Horizontal | Pass |
| 2** | 2487.310 | 48.93 | -0.75 | 54.0 | 5.07 | AV | 295.00 | 150 | Horizontal | Pass |

802.11g CHANNEL 1



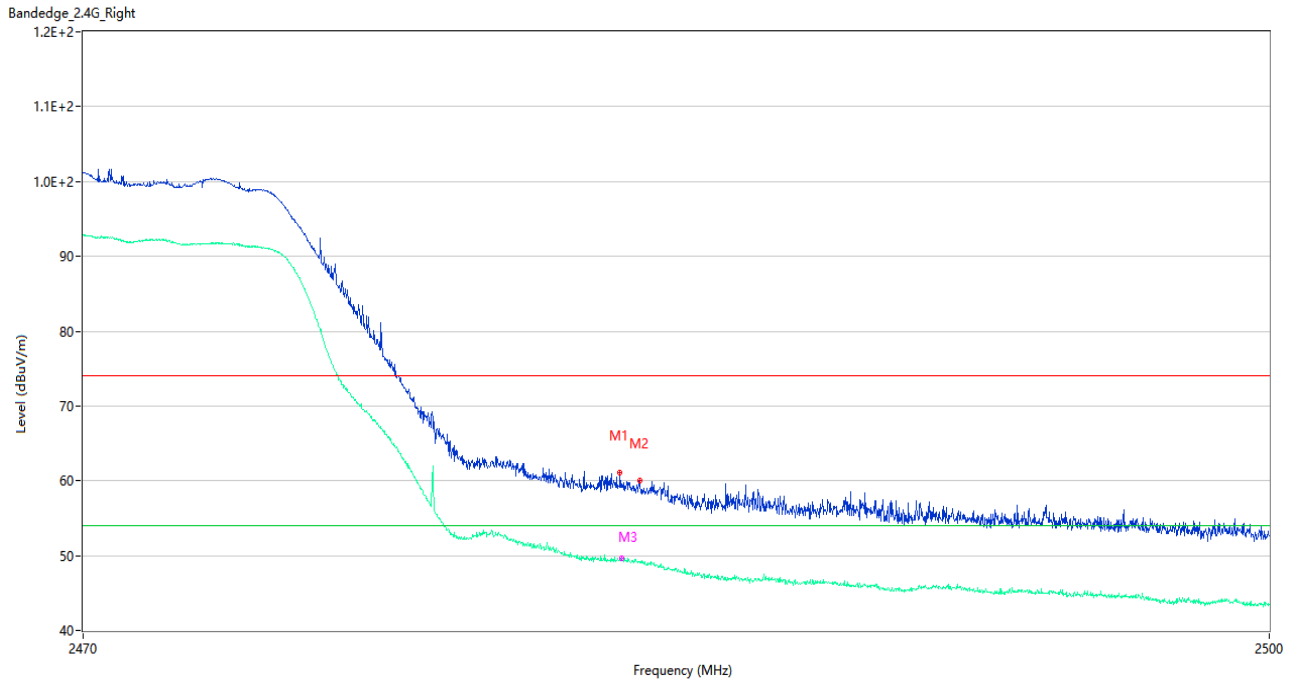
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2389.800 | 61.88 | -1.78 | 74.0 | 12.12 | Peak | 315.00 | 200 | Horizontal | Pass |
| 1** | 2389.800 | 49.74 | -1.78 | 54.0 | 4.26 | AV | 315.00 | 200 | Horizontal | Pass |
| 2 | 2389.950 | 61.72 | -1.82 | 74.0 | 12.28 | Peak | 315.00 | 150 | Horizontal | Pass |
| 2** | 2389.950 | 50.12 | -1.82 | 54.0 | 3.88 | AV | 315.00 | 150 | Horizontal | Pass |

802.11g CHANNEL 11



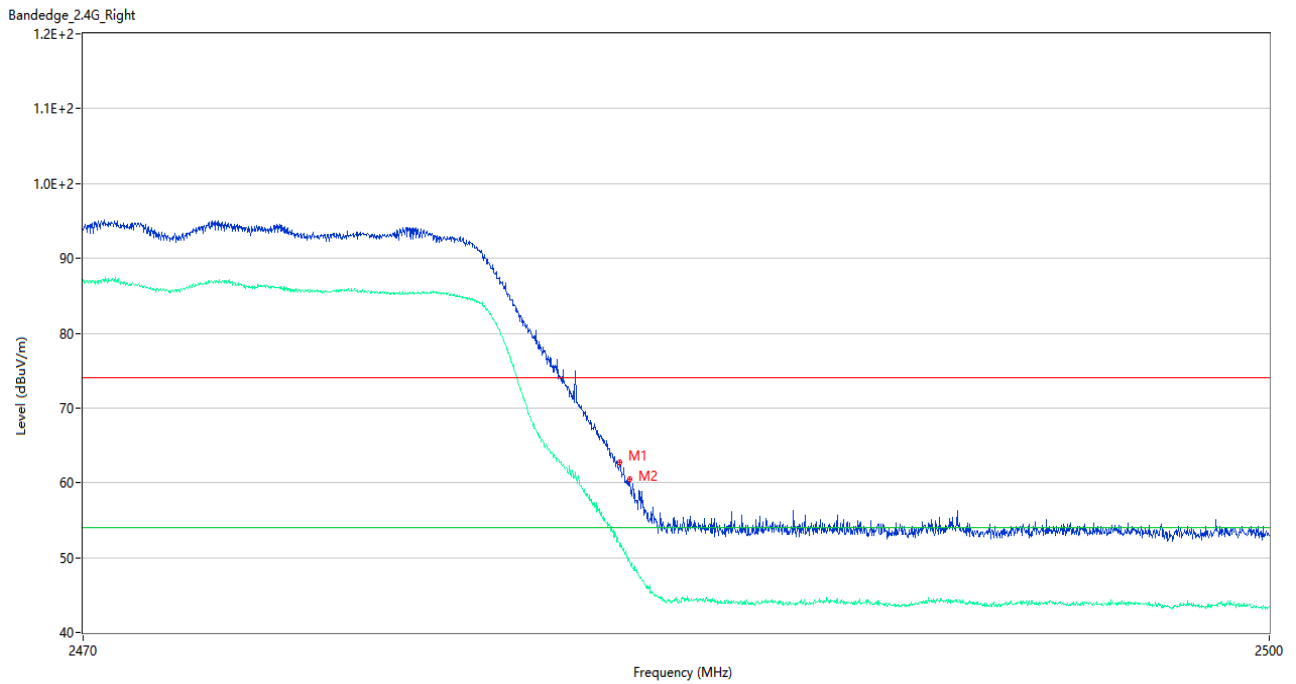
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.560 | 61.02 | -1.09 | 74.0 | 12.98 | Peak | 40.00 | 200 | Horizontal | Pass |
| 1** | 2483.560 | 50.68 | -1.09 | 54.0 | 3.32 | AV | 40.00 | 200 | Horizontal | Pass |
| 2 | 2483.815 | 61.01 | -1.04 | 74.0 | 12.99 | Peak | 360.00 | 150 | Horizontal | Pass |
| 2** | 2483.815 | 50.52 | -1.04 | 54.0 | 3.48 | AV | 360.00 | 150 | Horizontal | Pass |

802.11g CHANNEL 12



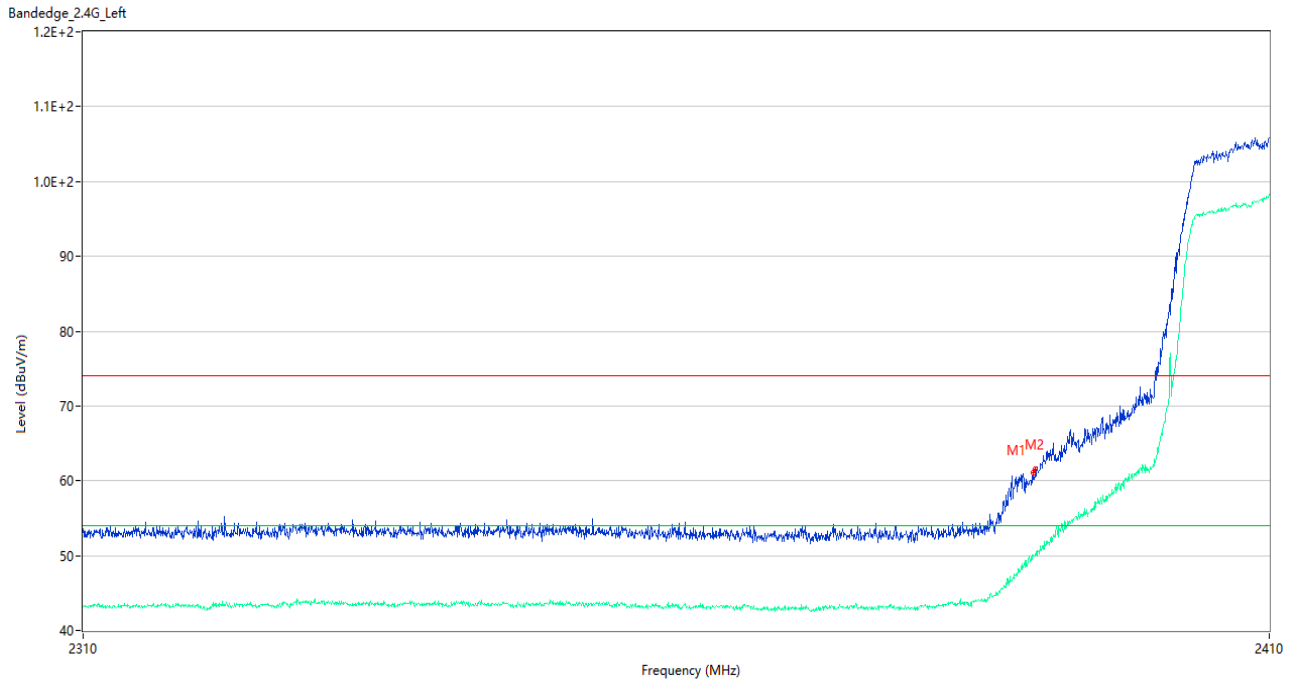
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.530 | 61.03 | -1.10 | 74.0 | 12.97 | Peak | 40.00 | 100 | Horizontal | Pass |
| 1** | 2483.530 | 49.47 | -1.10 | 54.0 | 4.53 | AV | 40.00 | 100 | Horizontal | Pass |
| 2 | 2484.025 | 60.07 | -1.07 | 74.0 | 13.93 | Peak | 44.00 | 150 | Horizontal | Pass |
| 2** | 2484.025 | 49.18 | -1.07 | 54.0 | 4.82 | AV | 44.00 | 150 | Horizontal | Pass |
| 3 | 2483.575 | 59.34 | -1.09 | 74.0 | 14.66 | Peak | 20.00 | 150 | Horizontal | Pass |
| 3** | 2483.575 | 49.57 | -1.09 | 54.0 | 4.43 | AV | 20.00 | 150 | Horizontal | Pass |

802.11g CHANNEL 13



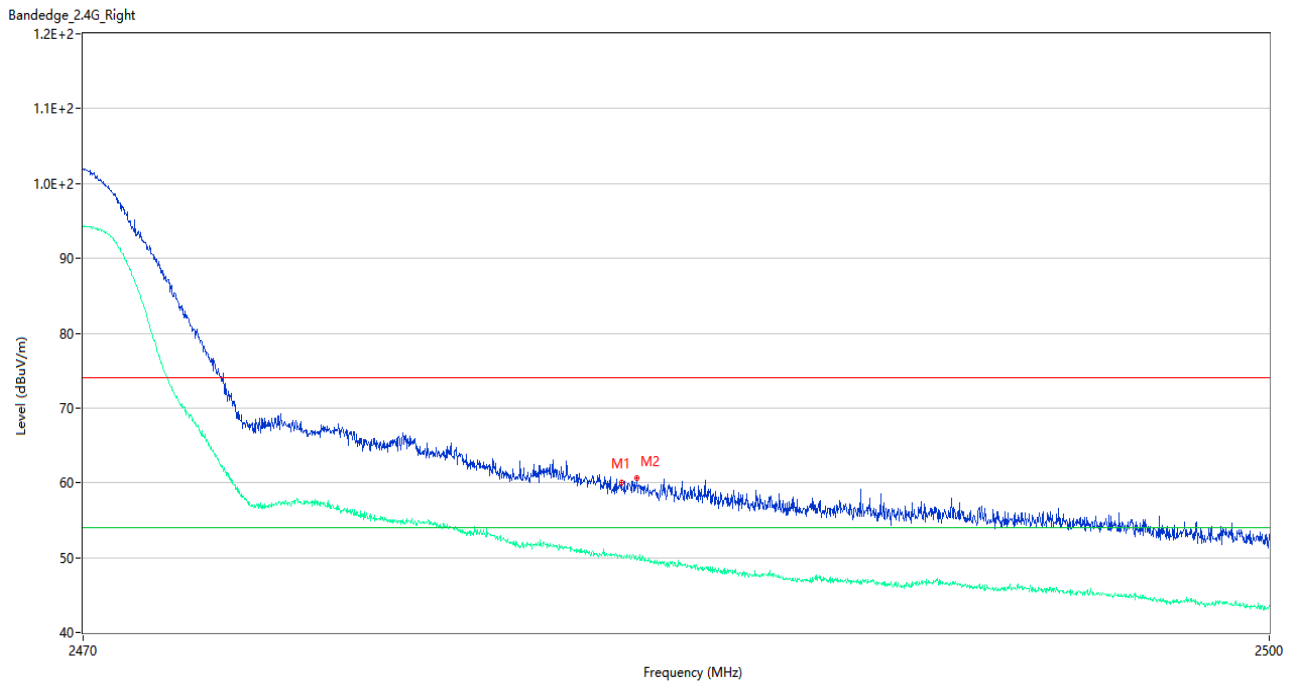
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.530 | 62.76 | -1.10 | 74.0 | 11.24 | Peak | 37.00 | 150 | Horizontal | Pass |
| 1** | 2483.530 | 50.94 | -1.10 | 54.0 | 3.06 | AV | 37.00 | 150 | Horizontal | Pass |
| 2 | 2483.770 | 60.45 | -1.05 | 74.0 | 13.55 | Peak | 50.00 | 100 | Horizontal | Pass |
| 2** | 2483.770 | 49.31 | -1.05 | 54.0 | 4.69 | AV | 50.00 | 100 | Horizontal | Pass |

802.11n20 CHANNEL 1



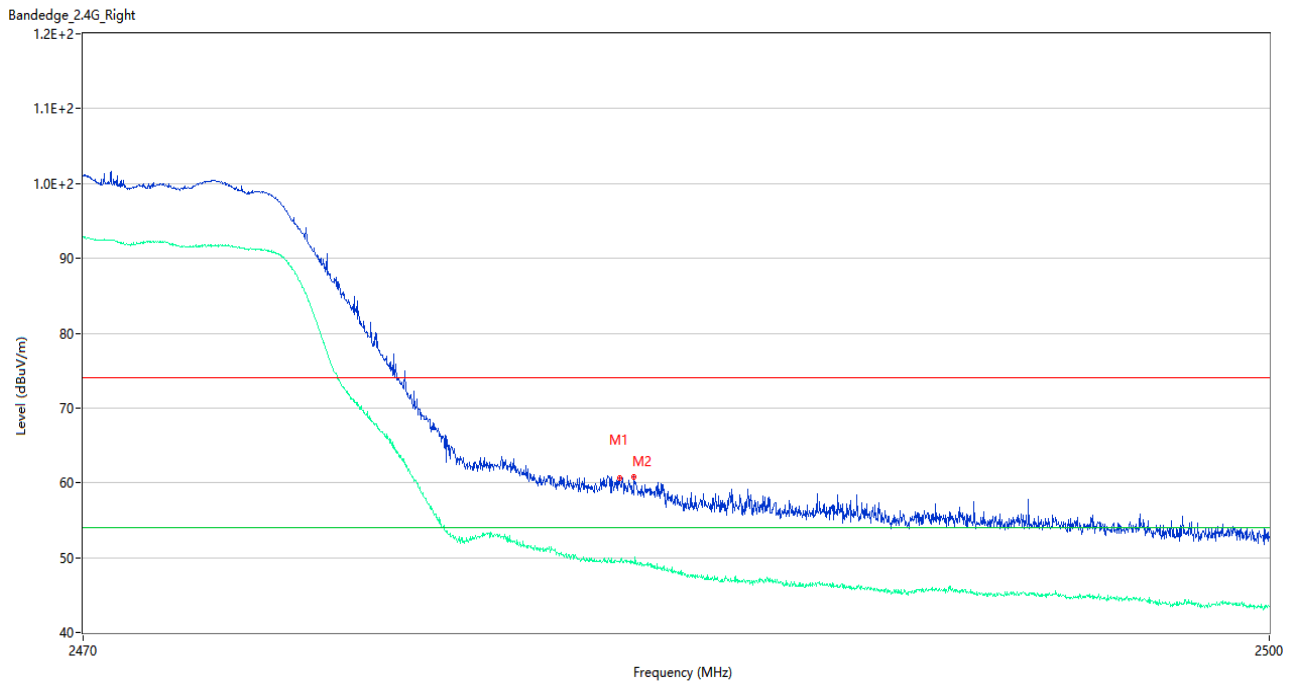
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2389.800 | 61.06 | -1.78 | 74.0 | 12.94 | Peak | 313.00 | 100 | Horizontal | Pass |
| 1** | 2389.800 | 50.03 | -1.78 | 54.0 | 3.97 | AV | 313.00 | 100 | Horizontal | Pass |
| 2 | 2389.950 | 61.50 | -1.82 | 74.0 | 12.50 | Peak | 313.00 | 200 | Horizontal | Pass |
| 2** | 2389.950 | 50.11 | -1.82 | 54.0 | 3.89 | AV | 313.00 | 200 | Horizontal | Pass |

802.11n20 CHANNEL 11



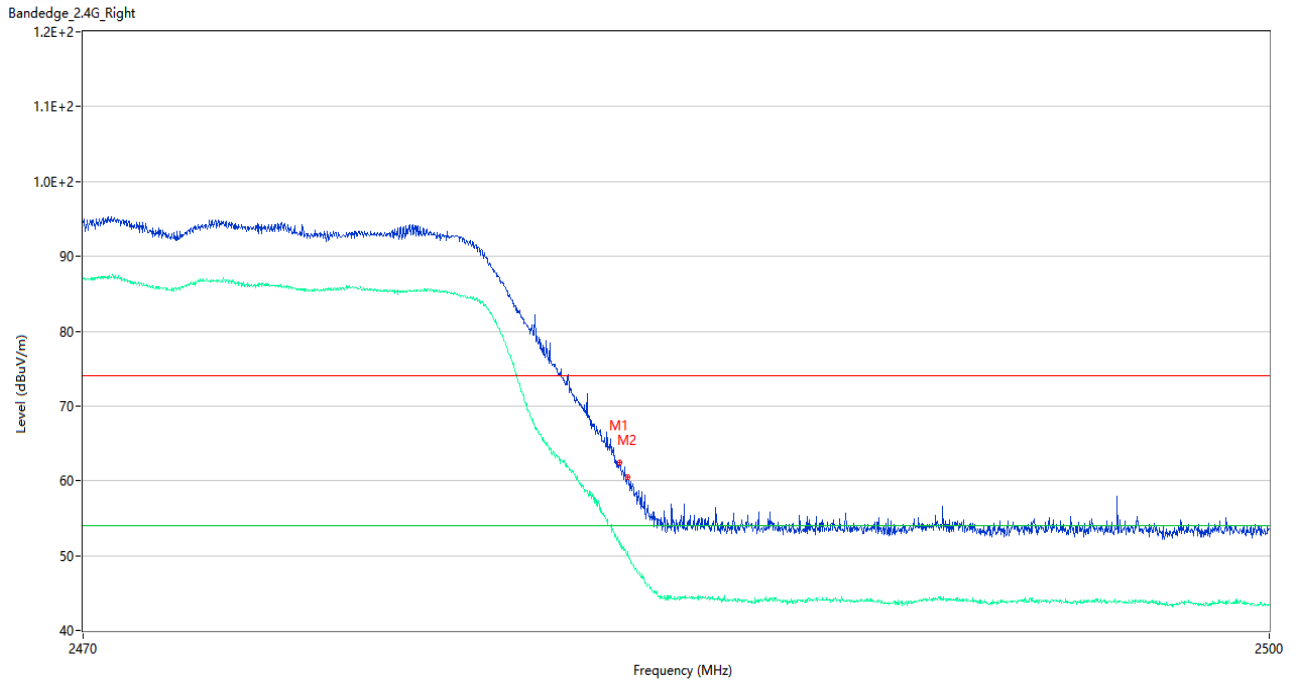
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.575 | 60.01 | -1.09 | 74.0 | 13.99 | Peak | 360.00 | 200 | Horizontal | Pass |
| 1** | 2483.575 | 50.29 | -1.09 | 54.0 | 3.71 | AV | 360.00 | 200 | Horizontal | Pass |
| 2 | 2483.965 | 60.71 | -1.05 | 74.0 | 13.29 | Peak | 360.00 | 150 | Horizontal | Pass |
| 2** | 2483.965 | 49.79 | -1.05 | 54.0 | 4.21 | AV | 360.00 | 150 | Horizontal | Pass |

802.11n20 CHANNEL 12



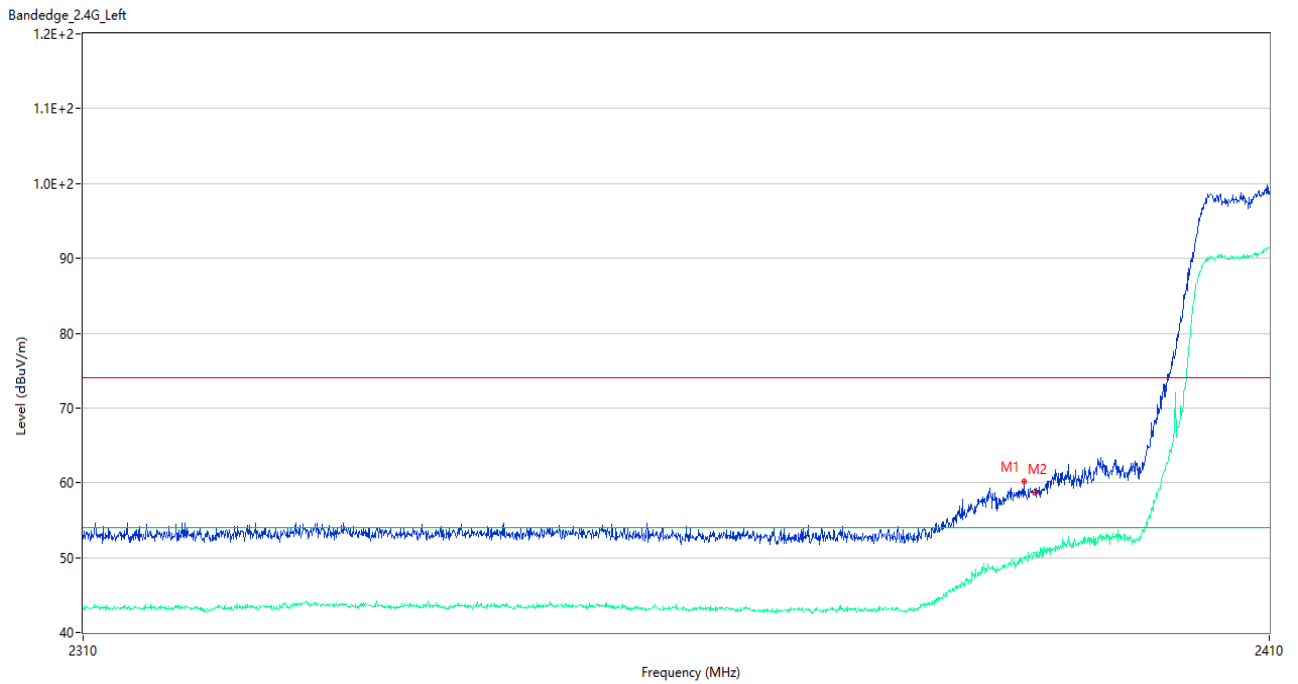
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.515 | 60.69 | -1.10 | 74.0 | 13.31 | Peak | 40.00 | 200 | Horizontal | Pass |
| 1** | 2483.515 | 49.31 | -1.10 | 54.0 | 4.69 | AV | 40.00 | 200 | Horizontal | Pass |
| 2 | 2483.890 | 60.80 | -1.03 | 74.0 | 13.20 | Peak | 44.00 | 200 | Horizontal | Pass |
| 2** | 2483.890 | 49.36 | -1.03 | 54.0 | 4.64 | AV | 44.00 | 200 | Horizontal | Pass |

802.11n20 CHANNEL 13



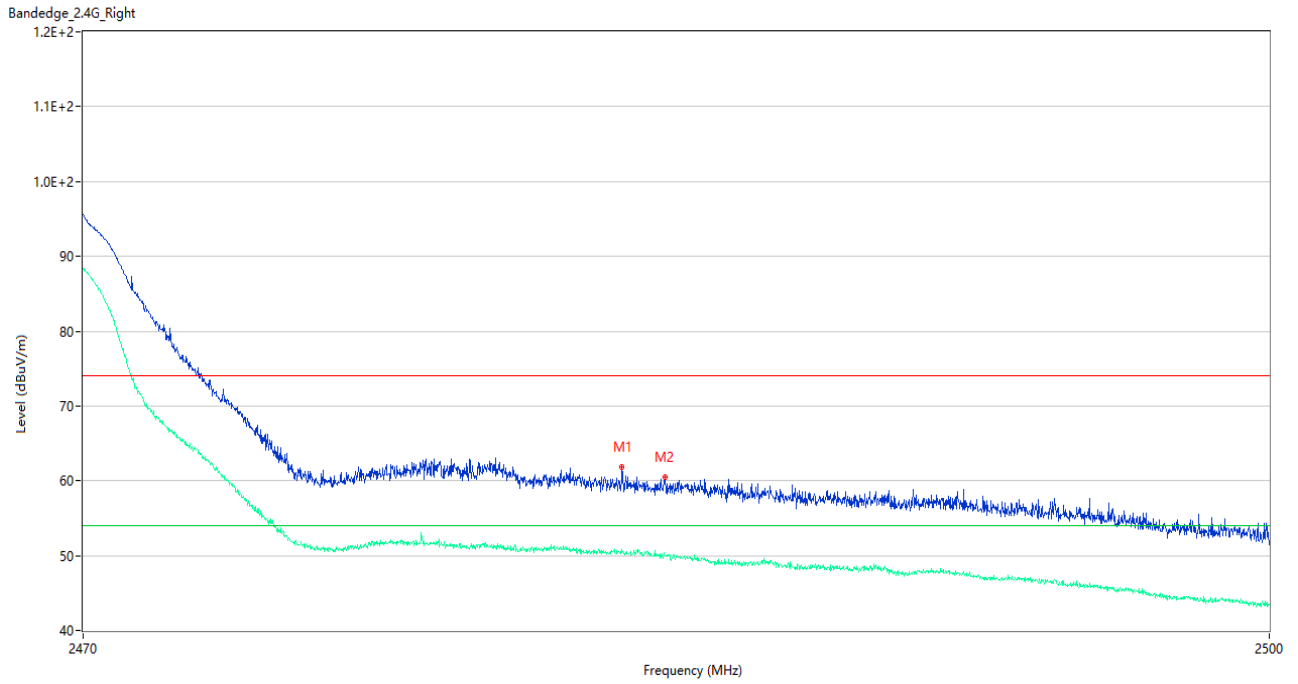
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.515 | 62.39 | -1.10 | 74.0 | 11.61 | Peak | 31.00 | 150 | Horizontal | Pass |
| 1** | 2483.515 | 50.99 | -1.10 | 54.0 | 3.01 | AV | 31.00 | 150 | Horizontal | Pass |
| 2 | 2483.740 | 60.53 | -1.06 | 74.0 | 13.47 | Peak | 325.00 | 150 | Horizontal | Pass |
| 2** | 2483.740 | 50.53 | -1.06 | 54.0 | 3.47 | AV | 325.00 | 150 | Horizontal | Pass |

802.11n40 CHANNEL 3



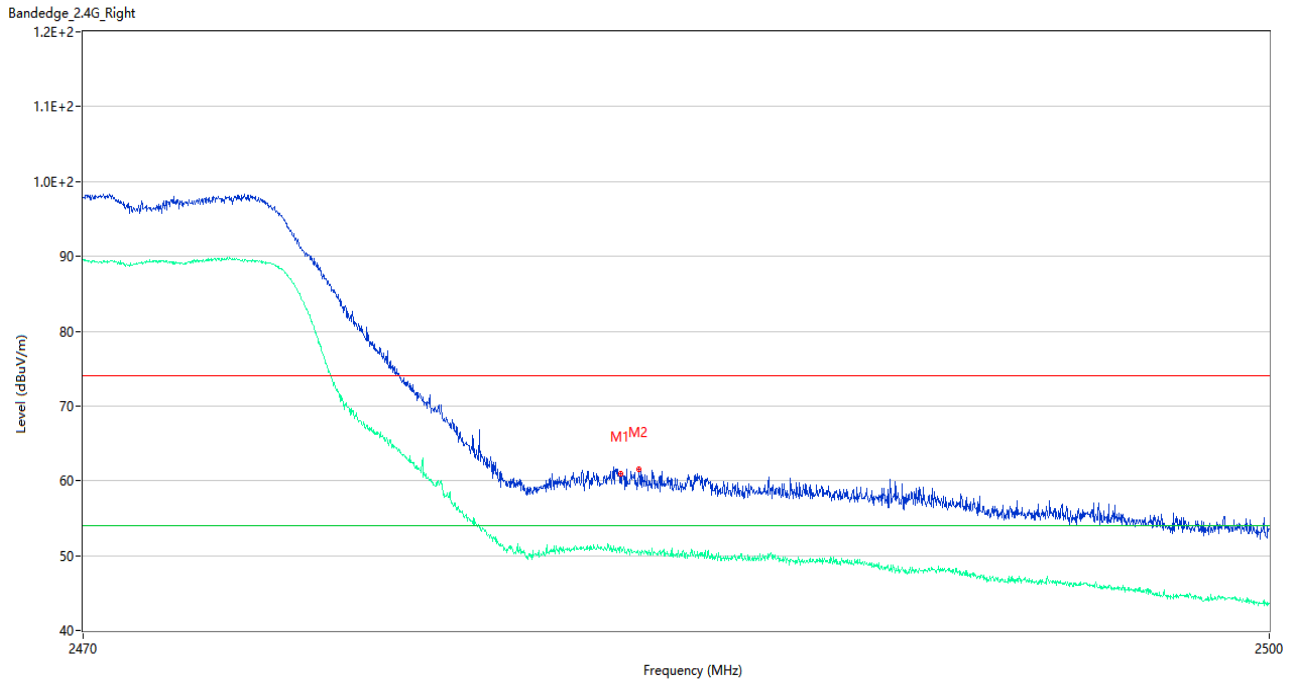
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2388.950 | 60.21 | -1.87 | 74.0 | 13.79 | Peak | 314.00 | 100 | Horizontal | Pass |
| 1** | 2388.950 | 50.12 | -1.87 | 54.0 | 3.88 | AV | 314.00 | 100 | Horizontal | Pass |
| 2 | 2389.950 | 58.64 | -1.82 | 74.0 | 15.36 | Peak | 319.00 | 100 | Horizontal | Pass |
| 2** | 2389.950 | 50.17 | -1.82 | 54.0 | 3.83 | AV | 319.00 | 100 | Horizontal | Pass |

802.11n40 CHANNEL 9



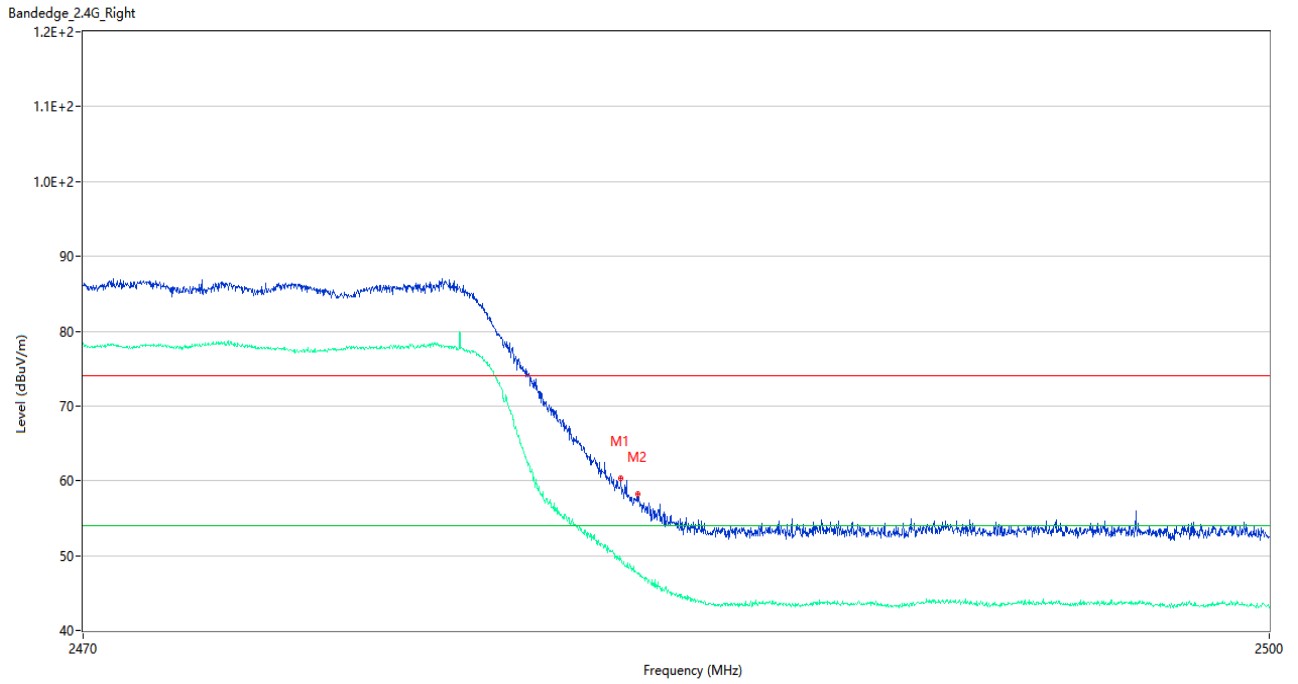
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.590 | 61.90 | -1.09 | 74.0 | 12.10 | Peak | 360.00 | 150 | Horizontal | Pass |
| 1** | 2483.590 | 50.35 | -1.09 | 54.0 | 3.65 | AV | 360.00 | 150 | Horizontal | Pass |
| 2 | 2484.685 | 60.52 | -1.25 | 74.0 | 13.48 | Peak | 360.00 | 200 | Horizontal | Pass |
| 2** | 2484.685 | 50.01 | -1.25 | 54.0 | 3.99 | AV | 360.00 | 200 | Horizontal | Pass |

802.11n40 CHANNEL 10



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.545 | 60.95 | -1.09 | 74.0 | 13.05 | Peak | 144.00 | 200 | Horizontal | Pass |
| 1** | 2483.545 | 50.95 | -1.09 | 54.0 | 3.05 | AV | 144.00 | 200 | Horizontal | Pass |
| 2 | 2484.010 | 61.58 | -1.06 | 74.0 | 12.42 | Peak | 227.00 | 150 | Horizontal | Pass |
| 2** | 2484.010 | 50.13 | -1.06 | 54.0 | 3.87 | AV | 227.00 | 150 | Horizontal | Pass |

802.11n40 CHANNEL 11



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1 | 2483.560 | 60.35 | -1.09 | 74.0 | 13.65 | Peak | 266.00 | 100 | Horizontal | Pass |
| 1** | 2483.560 | 50.01 | -1.09 | 54.0 | 3.99 | AV | 266.00 | 100 | Horizontal | Pass |
| 2 | 2483.995 | 58.19 | -1.06 | 74.0 | 15.81 | Peak | 254.00 | 200 | Horizontal | Pass |
| 2** | 2483.995 | 47.58 | -1.06 | 54.0 | 6.42 | AV | 254.00 | 200 | Horizontal | Pass |

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---------|--------------------------------------|------------------|
| 1 | -6.00 | 8 |
| 6 | -5.49 | 8 |
| 11 | -5.80 | 8 |
| 12 | -5.80 | 8 |
| 13 | -10.31 | 8 |

802.11g Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---------|--------------------------------------|------------------|
| 1 | -9.77 | 8 |
| 6 | -9.45 | 8 |
| 11 | -9.96 | 8 |
| 12 | -11.42 | 8 |
| 13 | -18.41 | 8 |

802.11n-20 MHz Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---------|--------------------------------------|------------------|
| 1 | -10.68 | 8 |
| 6 | -8.58 | 8 |
| 11 | -10.44 | 8 |
| 12 | -11.10 | 8 |
| 13 | -17.73 | 8 |

802.11n-40 MHz Mode:

| Channel | Spectral power density (dBm/3kHz) | Limit (dBm/3kHz) |
|---------|--------------------------------------|------------------|
| 3 | -14.42 | 8 |
| 6 | -16.19 | 8 |
| 9 | -16.72 | 8 |
| 10 | -16.24 | 8 |
| 11 | -26.26 | 8 |

Test Plots

802.11b CHANNEL 1



802.11b CHANNEL 6



802.11b CHANNEL 11



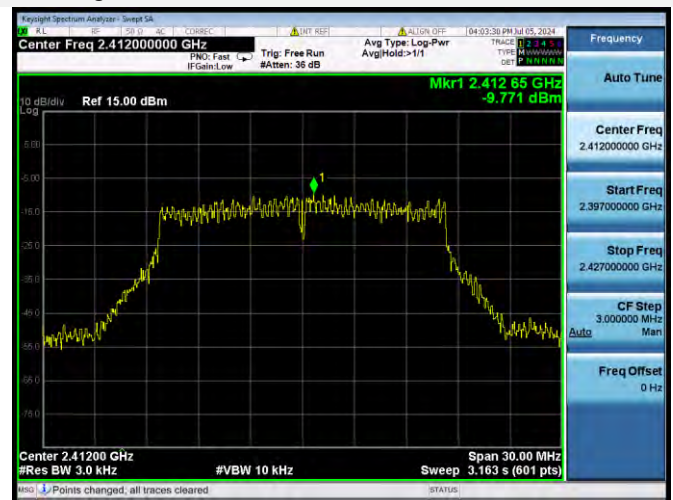
802.11b CHANNEL 12



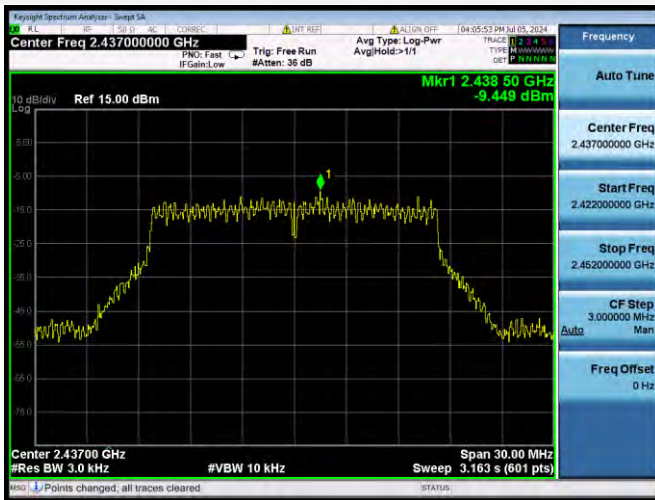
802.11b CHANNEL 13



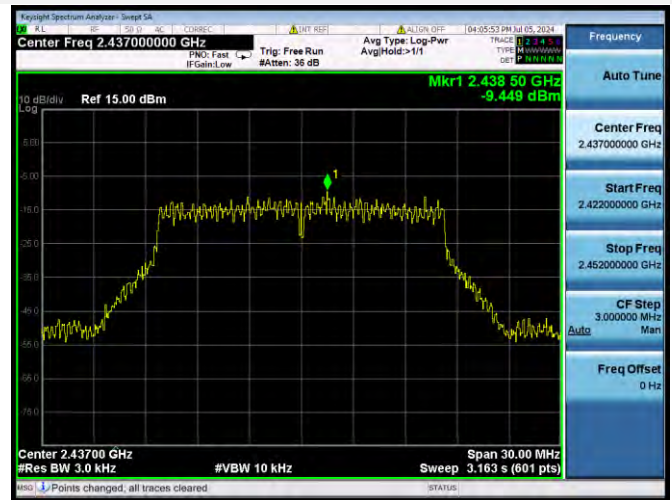
802.11g CHANNEL 1



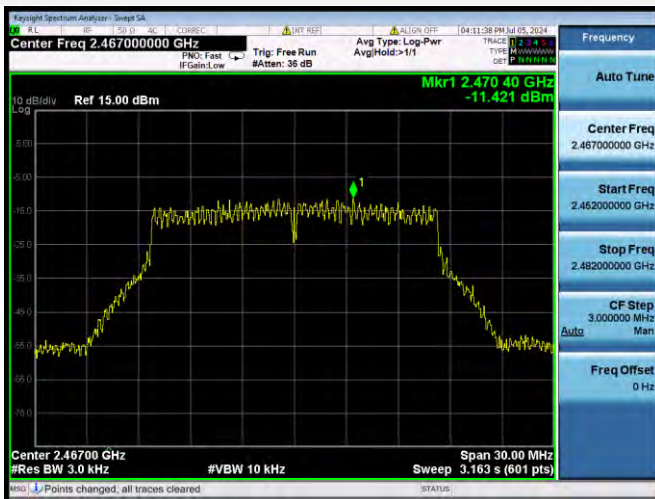
802.11g CHANNEL 6



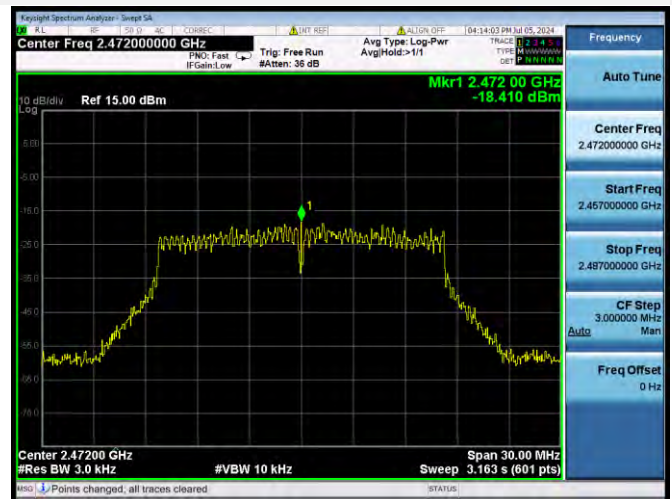
802.11g CHANNEL 11



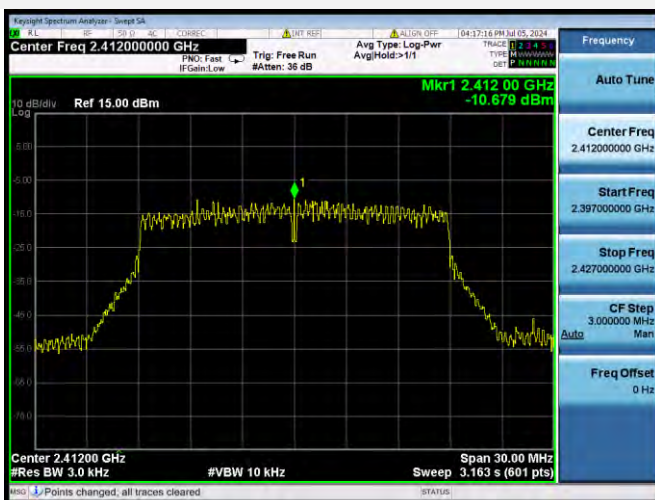
802.11g CHANNEL 12



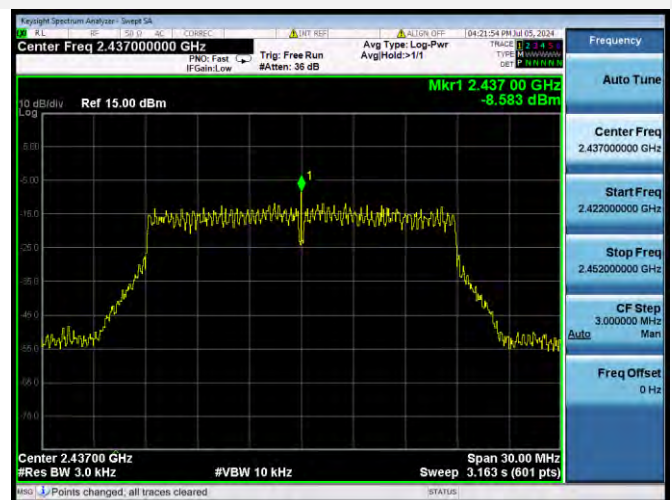
802.11g CHANNEL 13



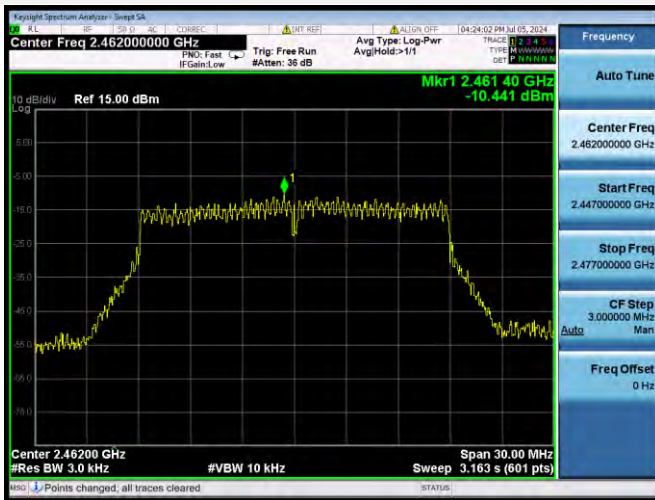
802.11n-20 MHz CHANNEL 1



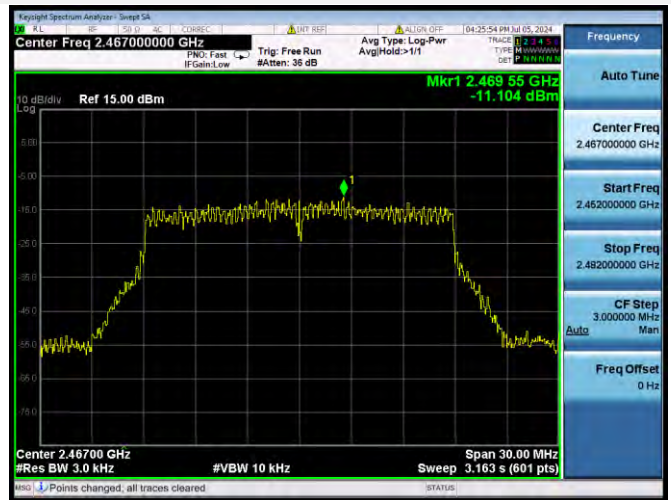
802.11n-20 MHz CHANNEL 6



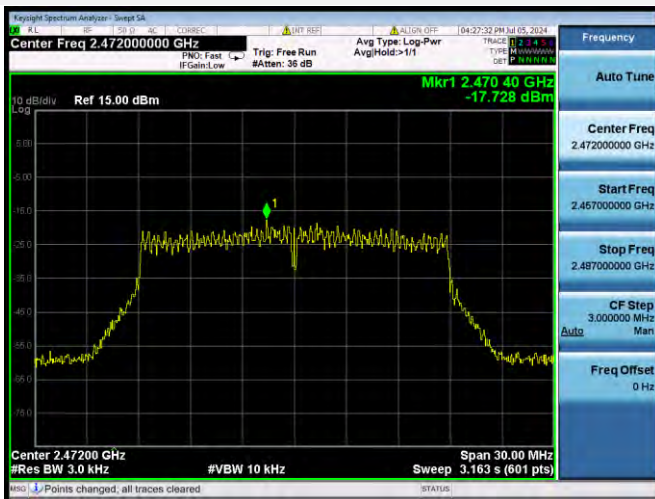
802.11n-20 MHz CHANNEL 11



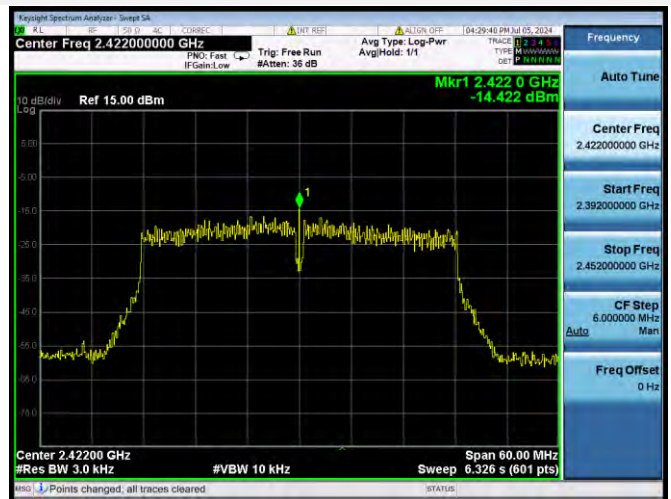
802.11n-20 MHz CHANNEL 12



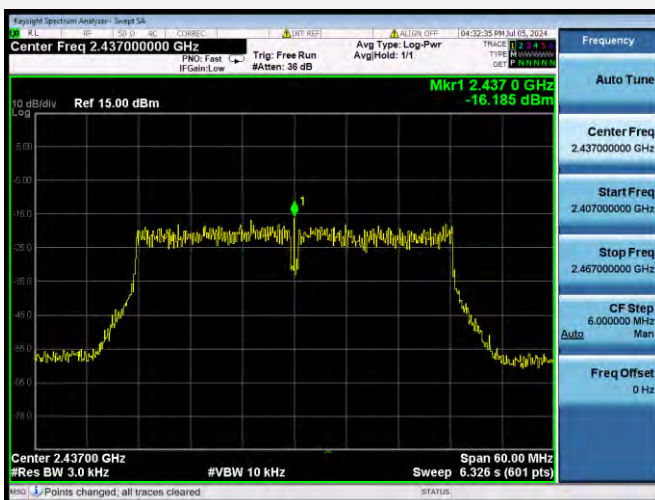
802.11n-20 MHz CHANNEL 13



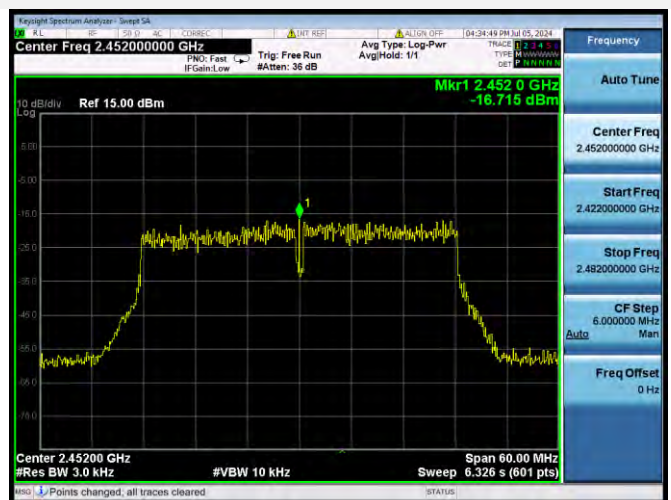
802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 6



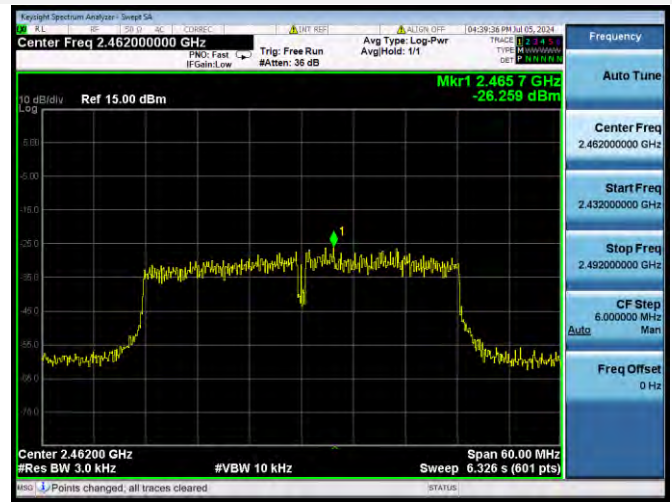
802.11n-40 MHz CHANNEL 9



802.11n-40 MHz CHANNEL 10



802.11n-40 MHz CHANNEL 11



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2460995-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2460995-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2460995-AI.PDF”.

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