

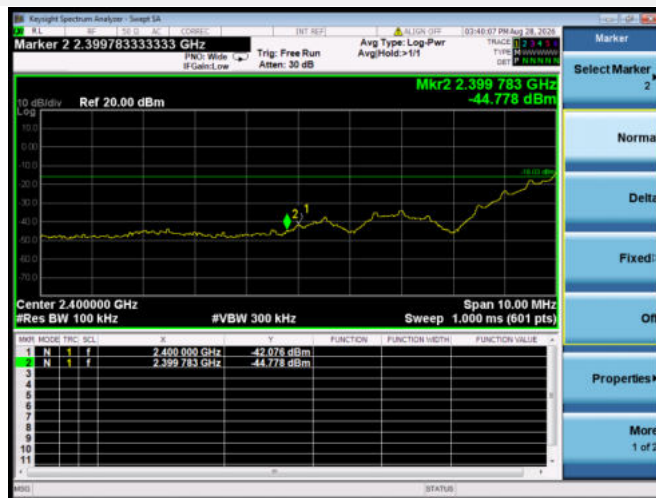
## Test Plots

## ANTO

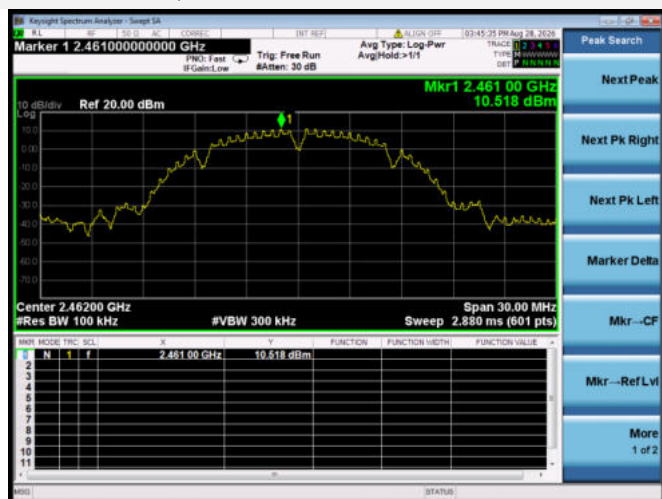
802.11b CH1, CARRIER LEVEL



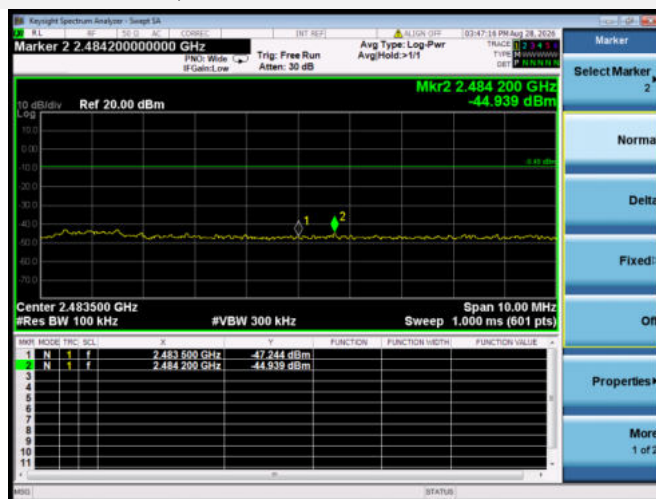
802.11b CH1, BAND EDGE



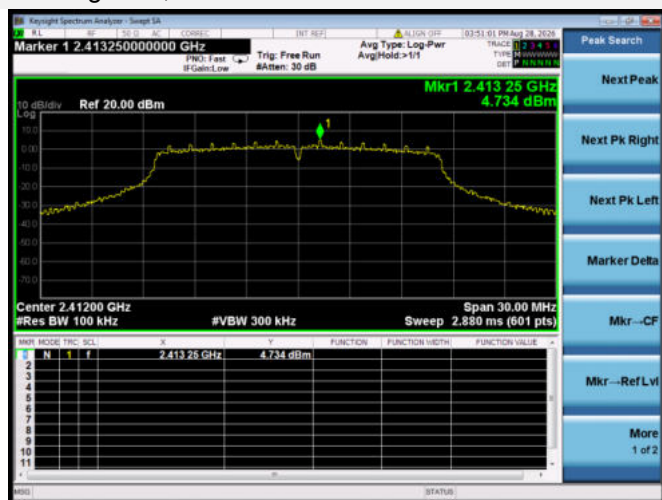
802.11b CH11, CARRIER LEVEL



802.11b CH11, BAND EDGE



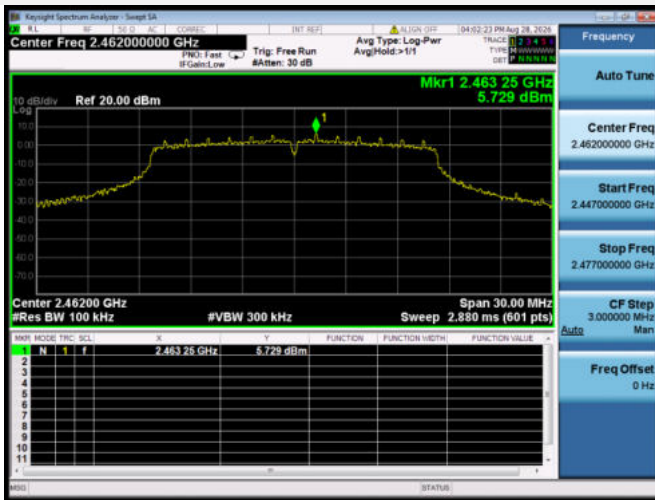
802.11g CH1, CARRIER LEVEL



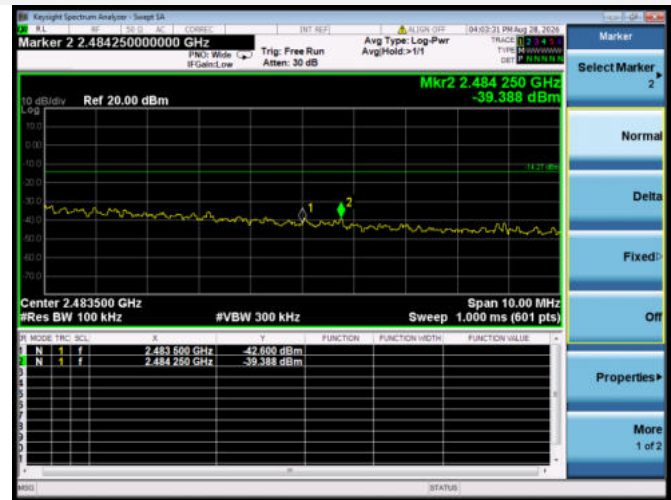
802.11g CH1, BAND EDGE



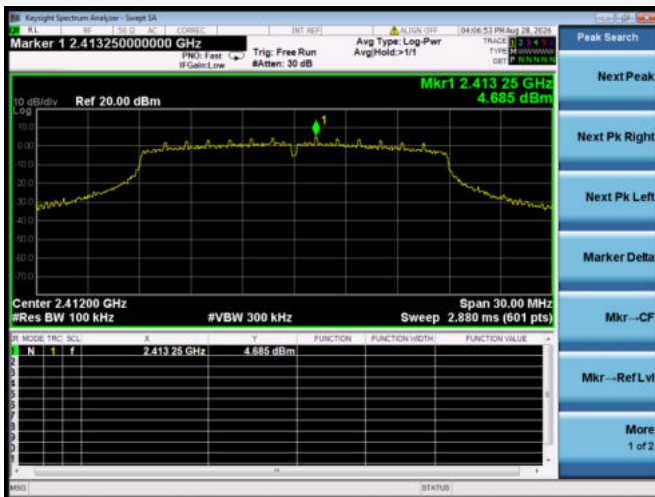
## 802.11g CH11, CARRIER LEVEL



## 802.11g CH11, BAND EDGE



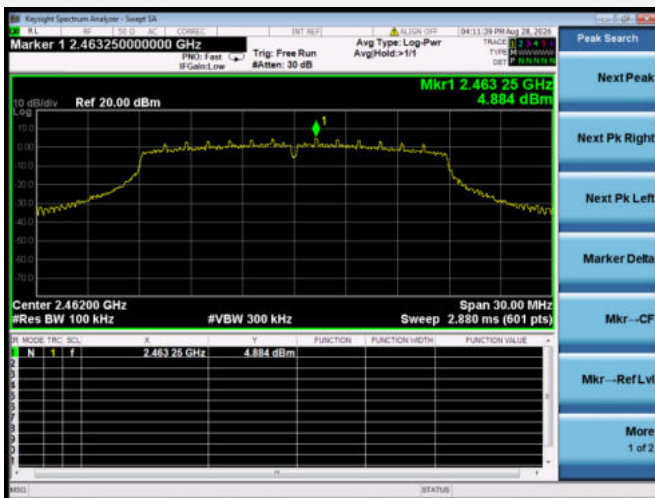
## 802.11n-20 MHz CH1, CARRIER LEVEL



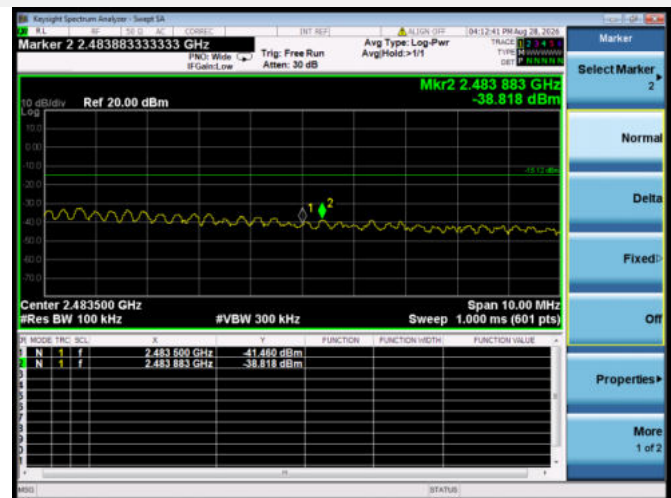
## 802.11n-20 MHz CH1, BAND EDGE



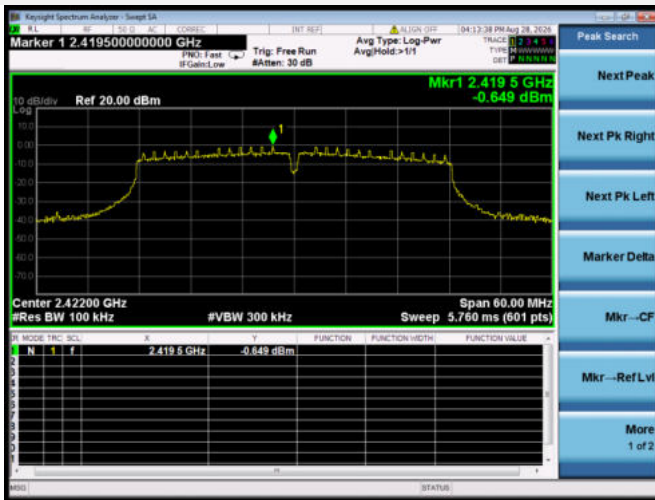
## 802.11n-20 MHz CH11, CARRIER LEVEL



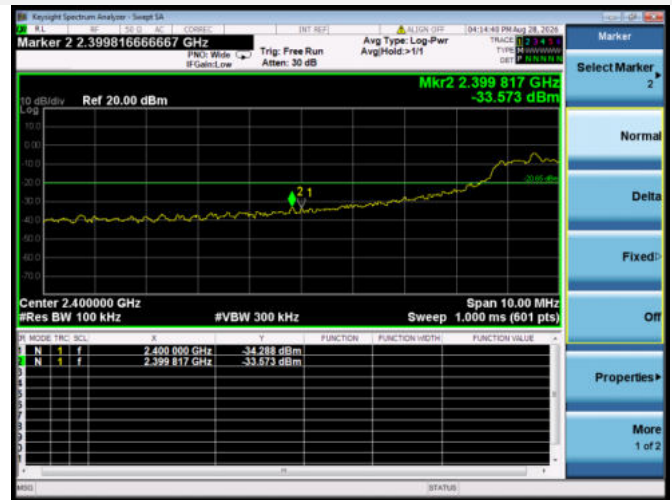
## 802.11n-20 MHz CH11, BAND EDGE



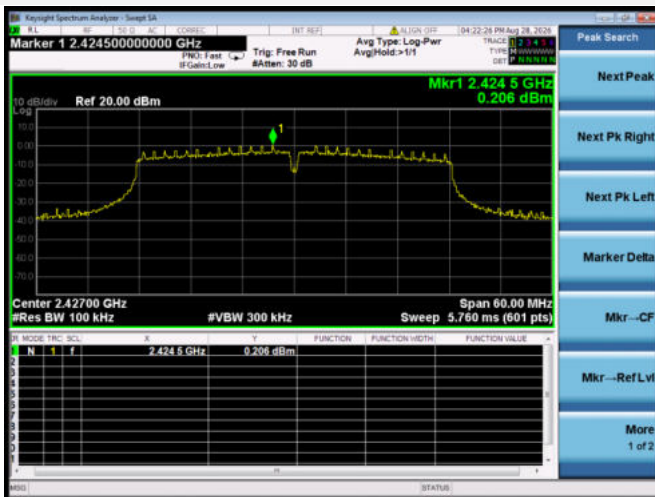
802.11n-40 MHz CH3, CARRIER LEVEL



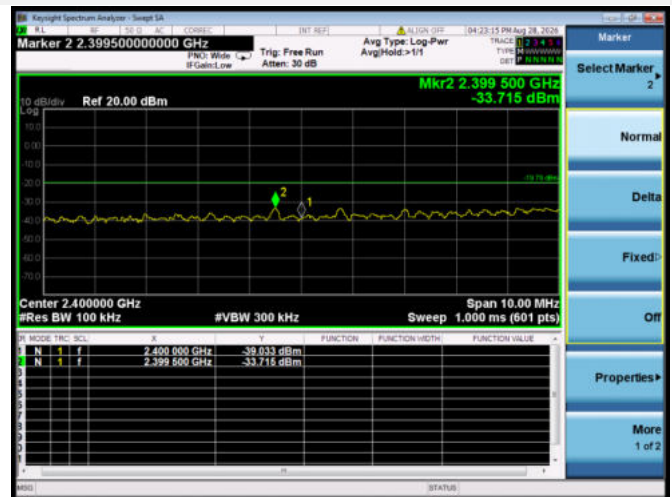
802.11n-40 MHz CH3, BAND EDGE



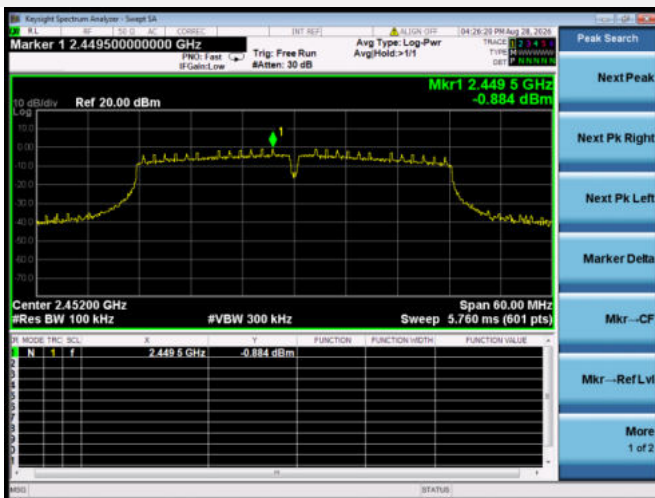
802.11n-40 MHz CH4 CARRIER LEVEL



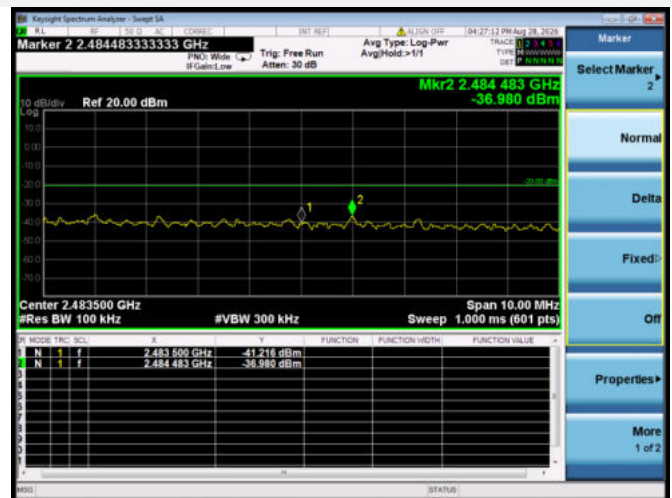
802.11n-40 MHz CH4, BAND EDGE



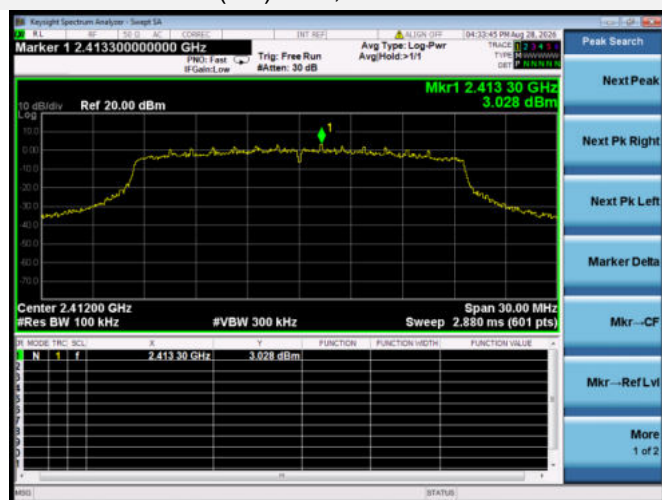
802.11n-40 MHz CH9 CARRIER LEVEL



802.11n-40 MHz CH9, BAND EDGE



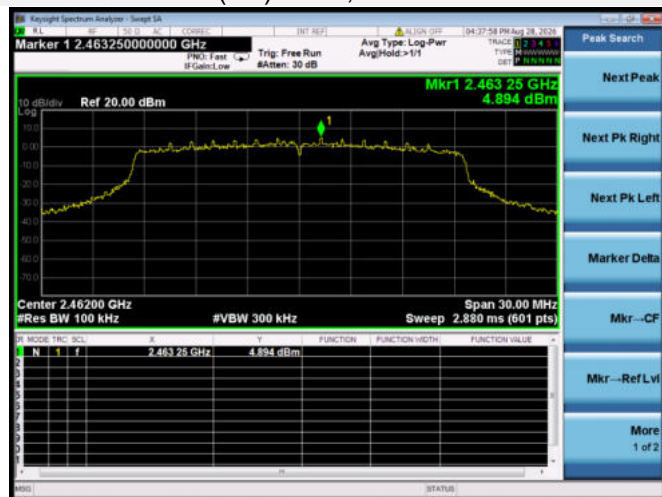
802.11ax-20 MHz(SU) CH1, CARRIER LEVEL



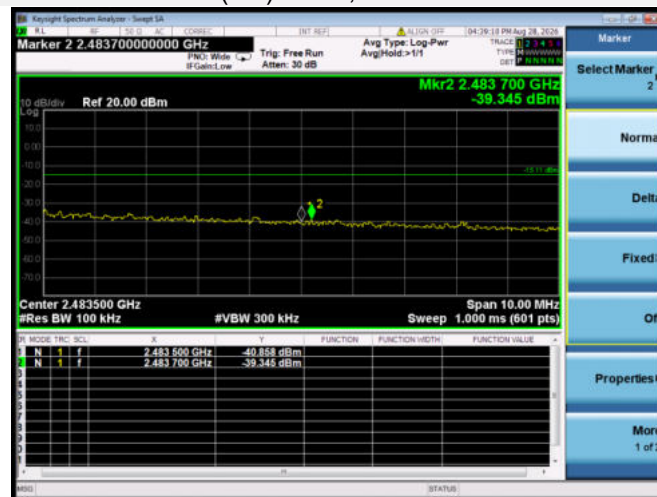
802.11ax-20 MHz(SU) CH1, BAND EDGE



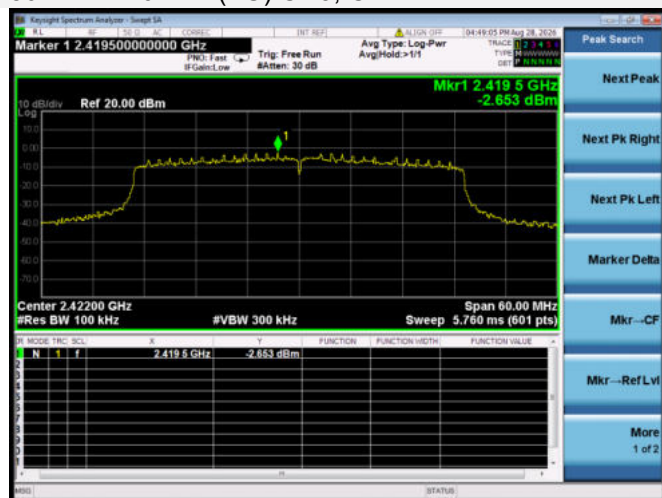
802.11ax-20 MHz(SU) CH11, CARRIER LEVEL



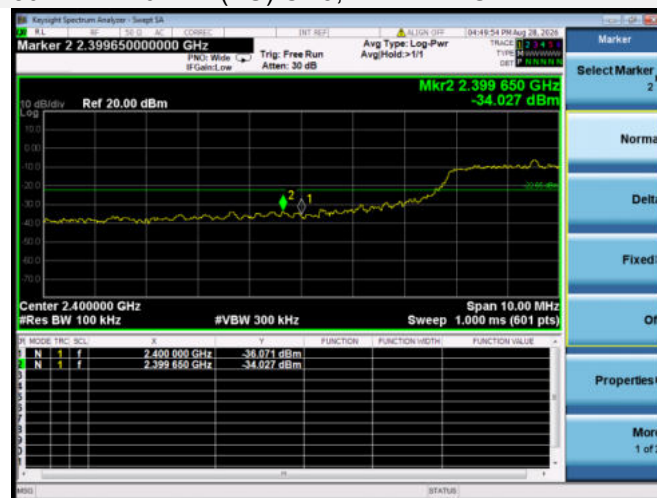
802.11ax-20 MHz(SU) CH11, BAND EDGE



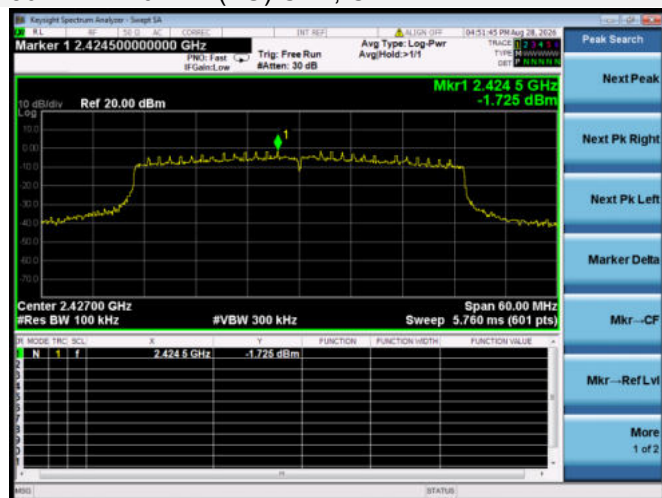
802.11ax-40 MHz(SU) CH3, CARRIER LEVEL



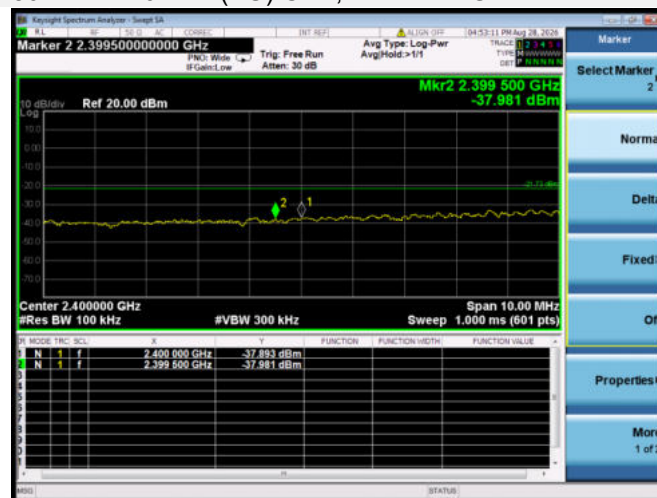
802.11ax-40 MHz(SU) CH3, BAND EDGE



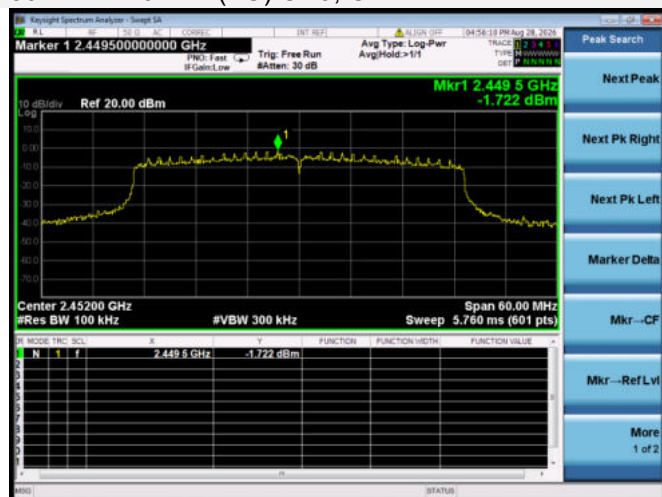
802.11ax-40 MHz(SU) CH4, CARRIER LEVEL



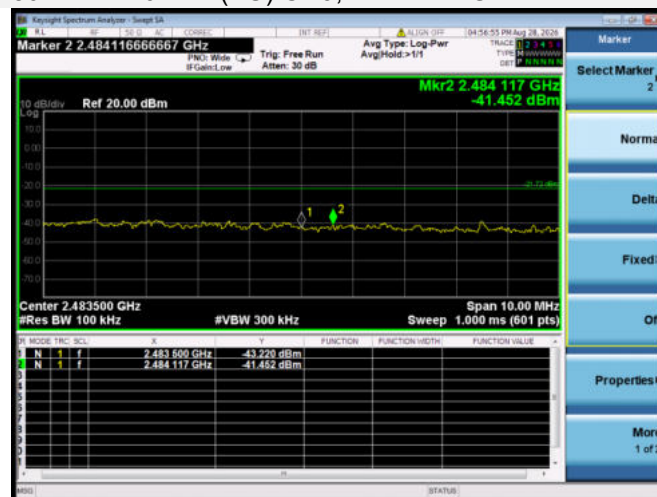
802.11ax-40 MHz(SU) CH4, BAND EDGE



802.11ax-40 MHz(SU) CH9, CARRIER LEVEL

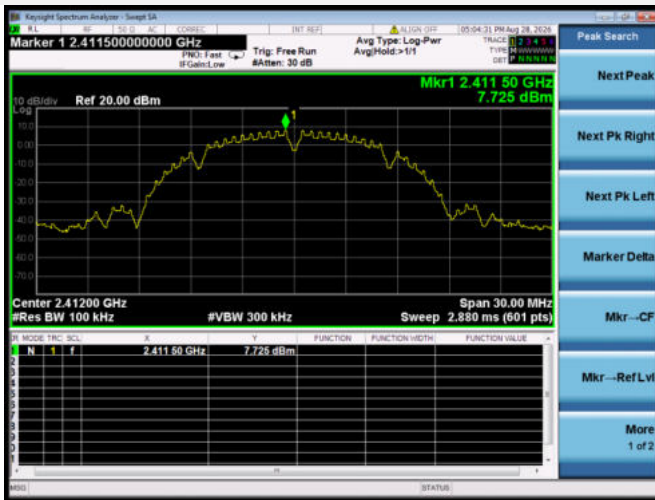


802.11ax-40 MHz(SU) CH9, BAND EDGE

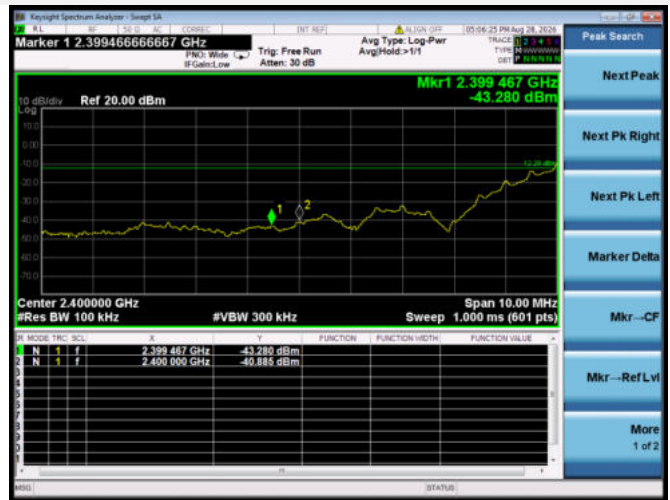


## ANT1

## 802.11b CH1, CARRIER LEVEL



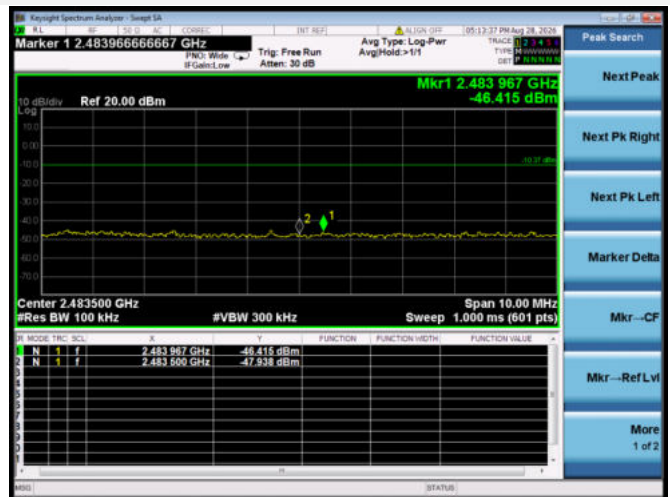
## 802.11b CH1, BAND EDGE



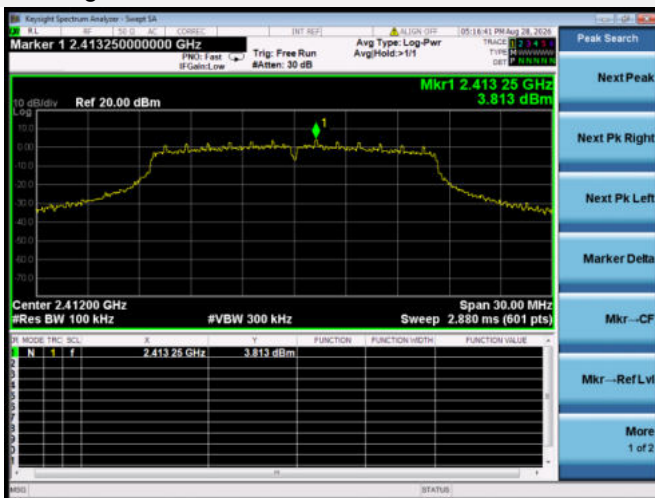
## 802.11b CH11, CARRIER LEVEL



## 802.11b CH11, BAND EDGE



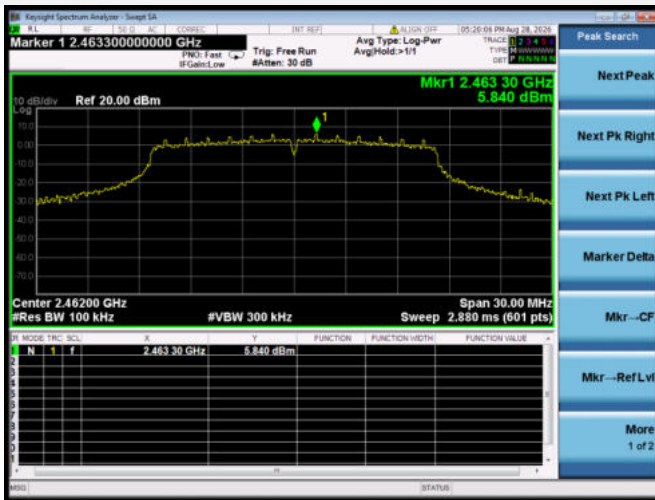
## 802.11g CH1, CARRIER LEVEL



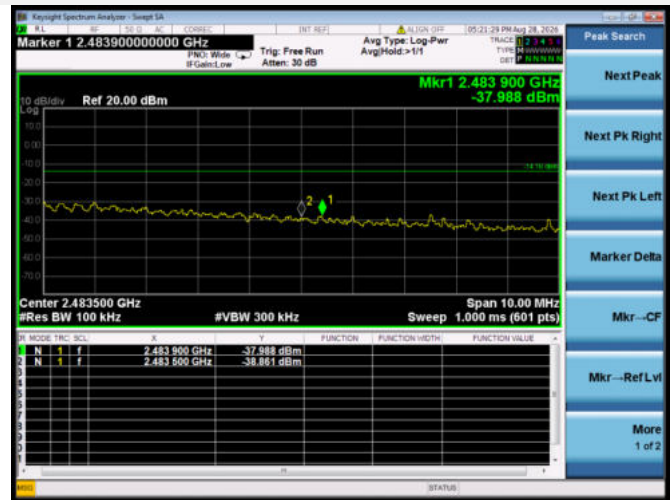
## 802.11g CH1, BAND EDGE



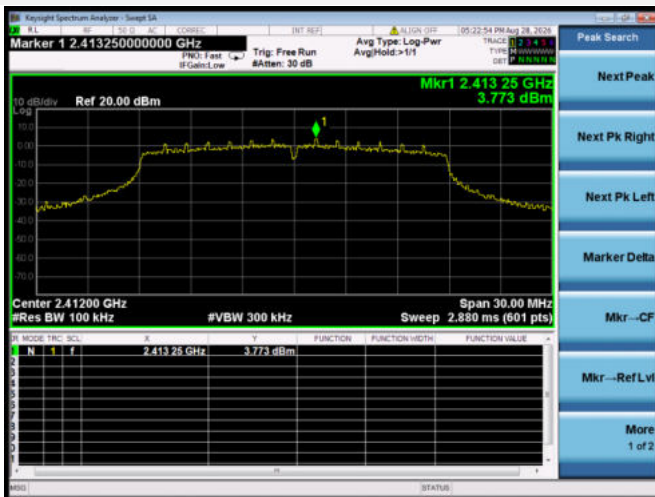
## 802.11g CH11, CARRIER LEVEL



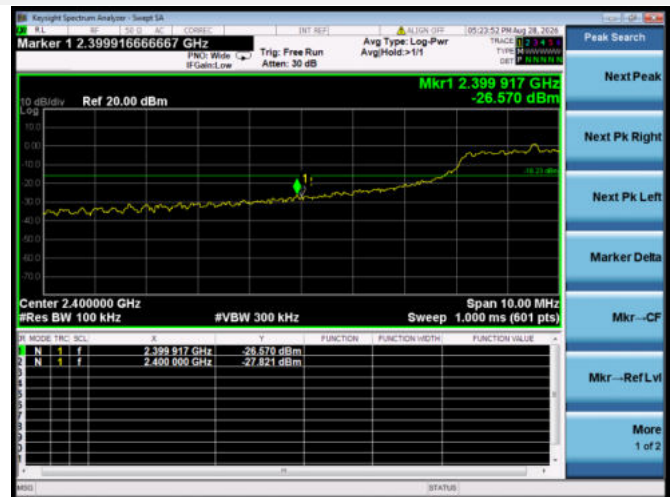
## 802.11g CH11, BAND EDGE



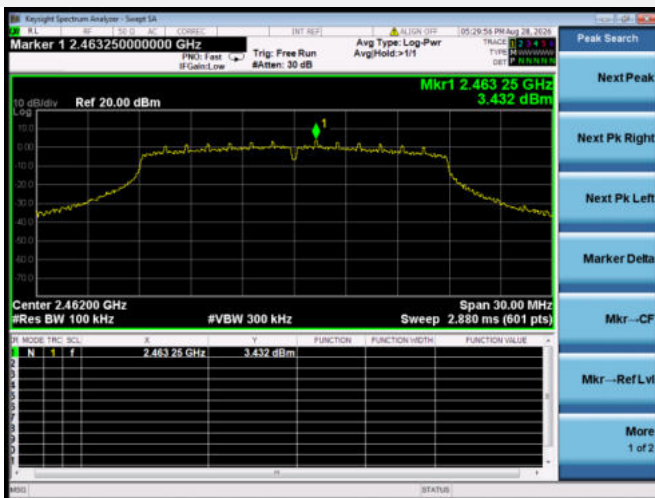
## 802.11n-20 MHz CH1, CARRIER LEVEL



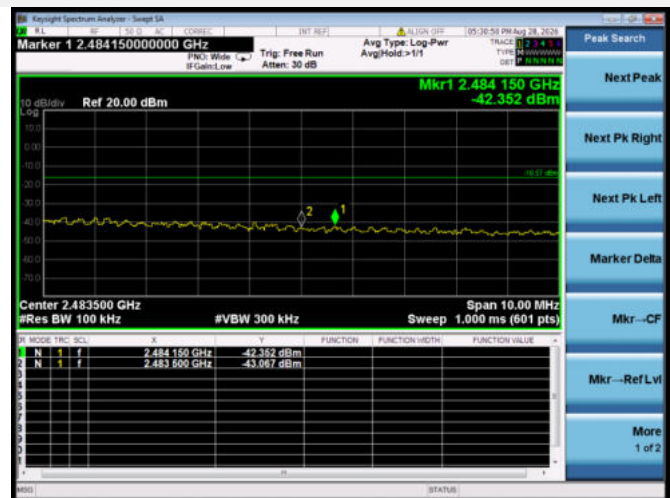
## 802.11n-20 MHz CH1, BAND EDGE



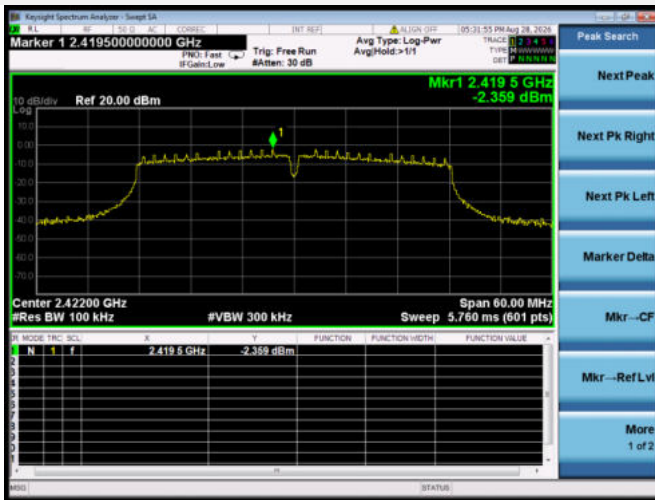
## 802.11n-20 MHz CH11, CARRIER LEVEL



## 802.11n-20 MHz CH11, BAND EDGE



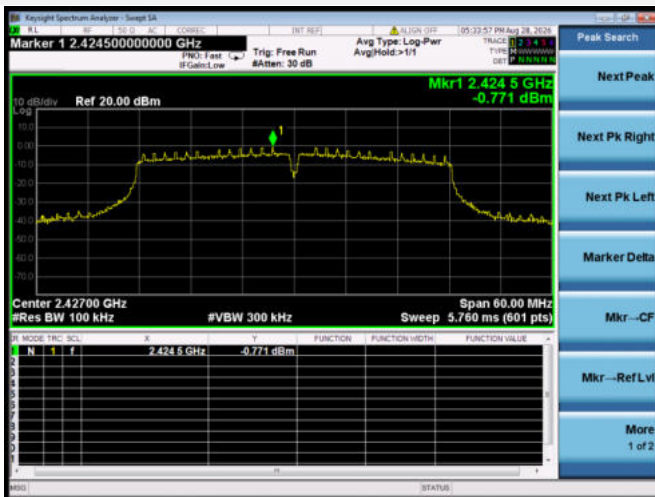
802.11n-40 MHz CH3, CARRIER LEVEL



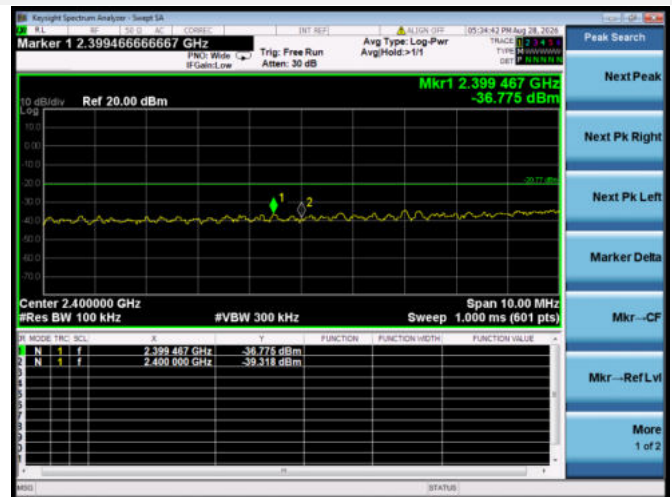
802.11n-40 MHz CH3, BAND EDGE



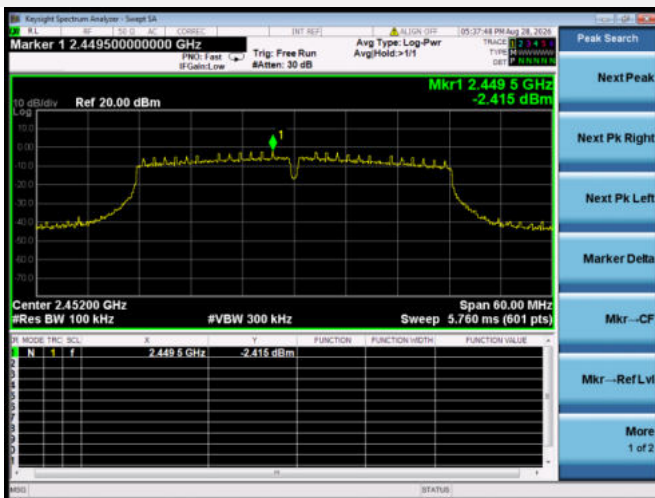
802.11n-40 MHz CH4 CARRIER LEVEL



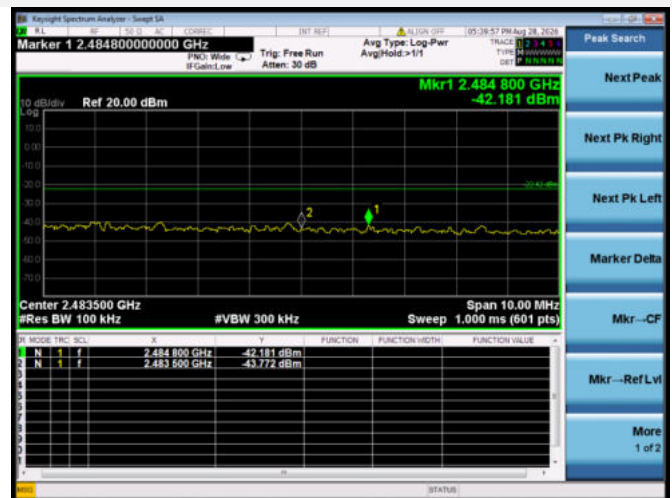
802.11n-40 MHz CH4, BAND EDGE



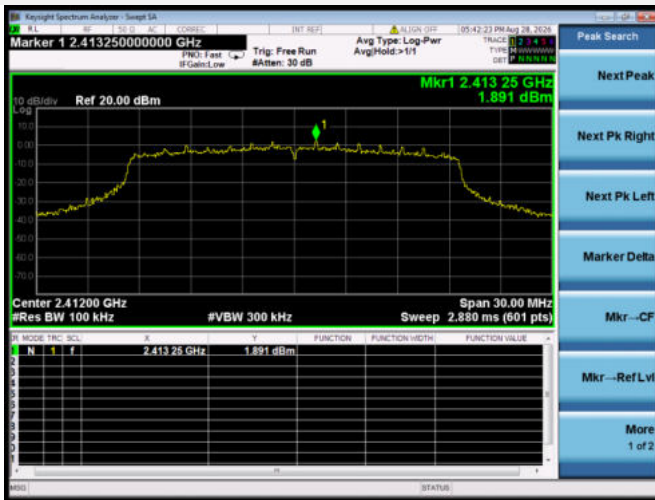
802.11n-40 MHz CH9 CARRIER LEVEL



802.11n-40 MHz CH9, BAND EDGE



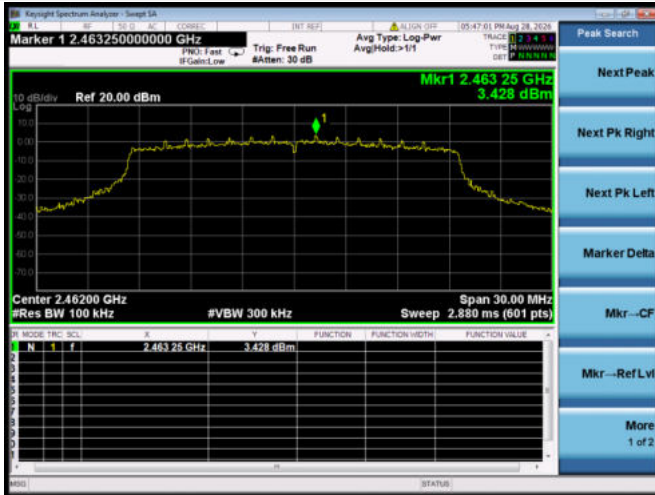
802.11ax-20 MHz(SU) CH1, CARRIER LEVEL



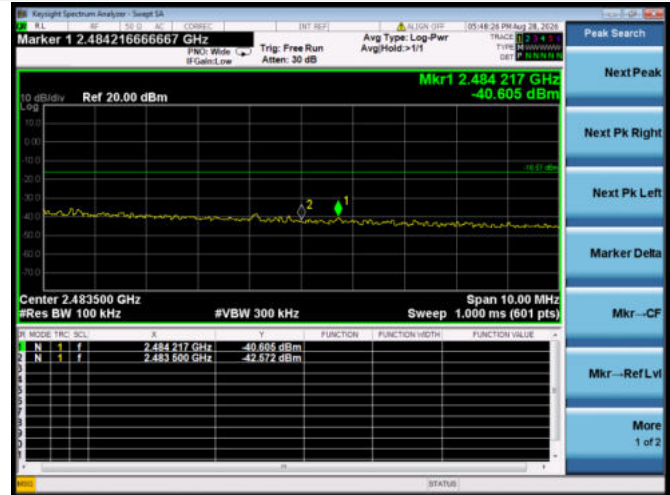
802.11ax-20 MHz(SU) CH1, BAND EDGE



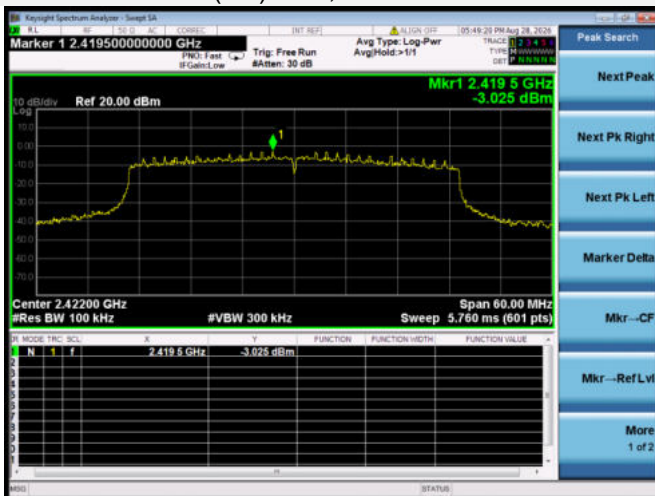
802.11ax-20 MHz(SU) CH11, CARRIER LEVEL



802.11ax-20 MHz(SU) CH11, BAND EDGE



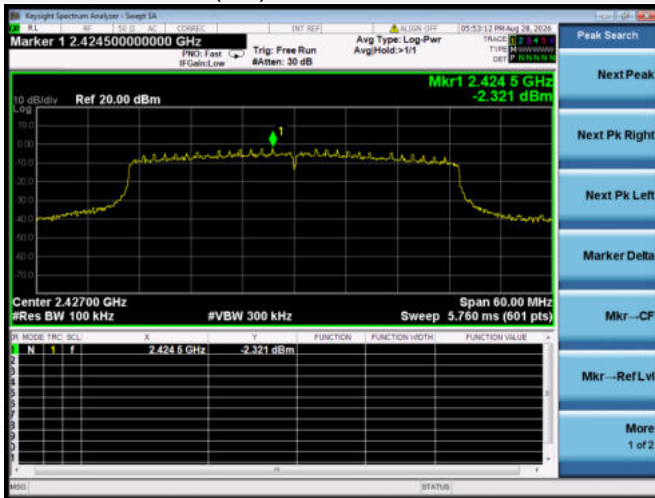
802.11ax-40 MHz(SU) CH3, CARRIER LEVEL



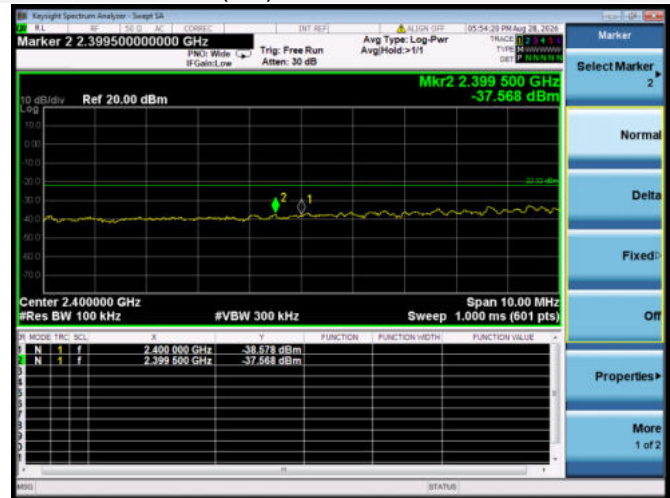
802.11ax-40 MHz(SU) CH3, BAND EDGE



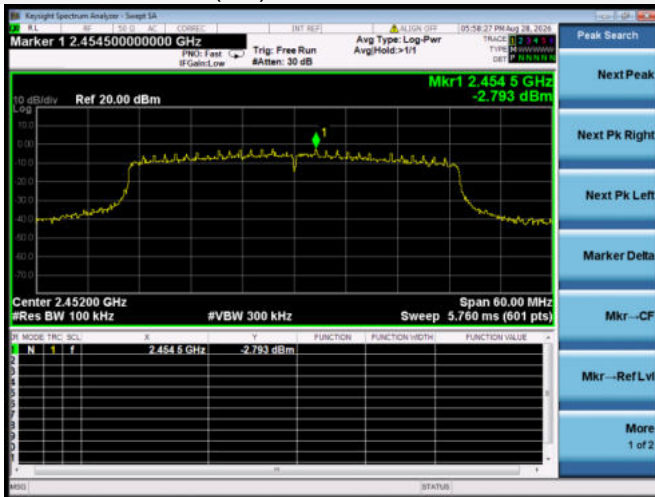
802.11ax-40 MHz(SU) CH4, CARRIER LEVEL



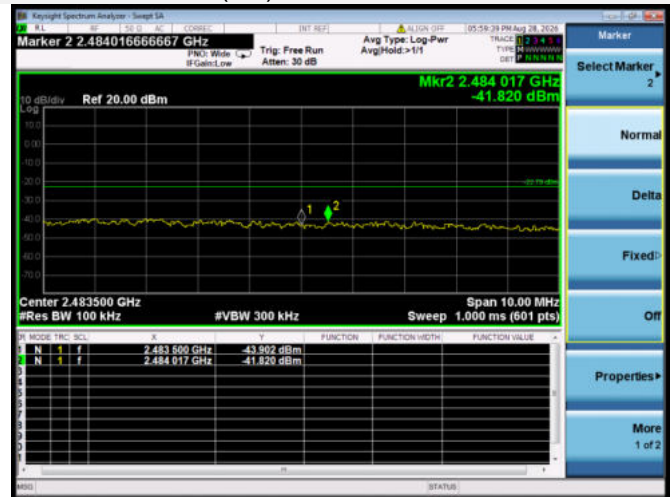
802.11ax-40 MHz(SU) CH4, BAND EDGE



802.11ax-40 MHz(SU) CH9, CARRIER LEVEL



802.11ax-40 MHz(SU) CH9, BAND EDGE



## A.5 Conducted Emissions

Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

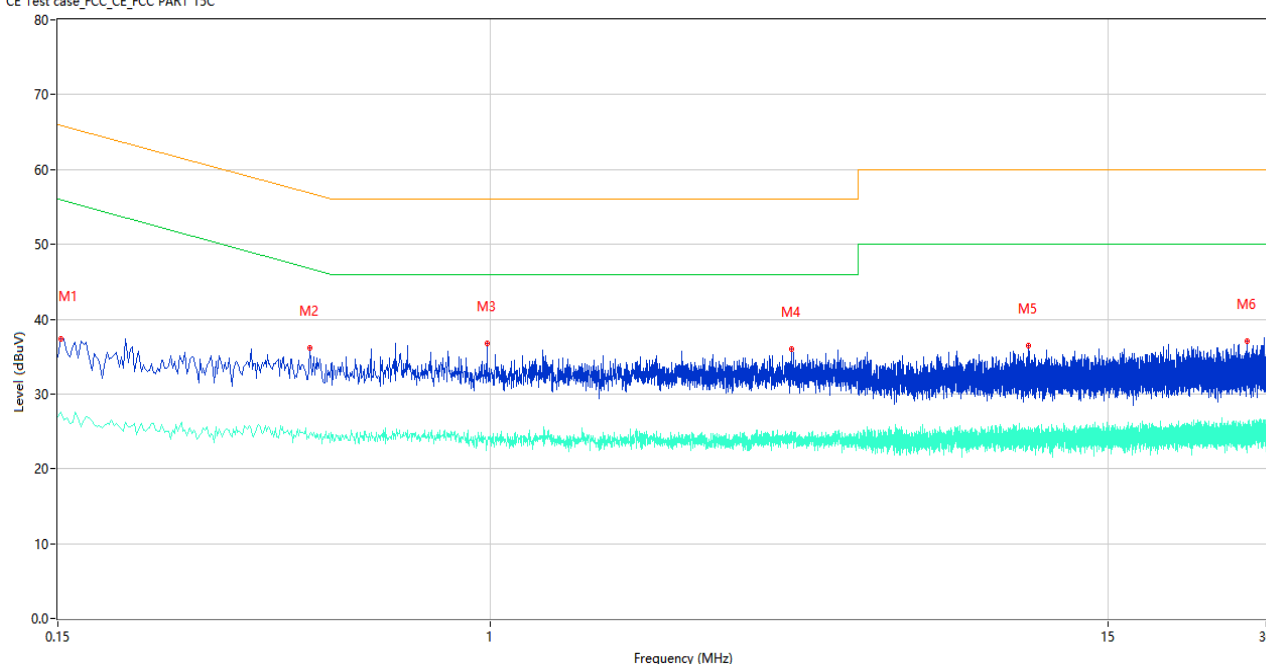
Note <sup>2</sup>: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note <sup>3</sup>: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

### Test Data and Plots

#### PHASE L

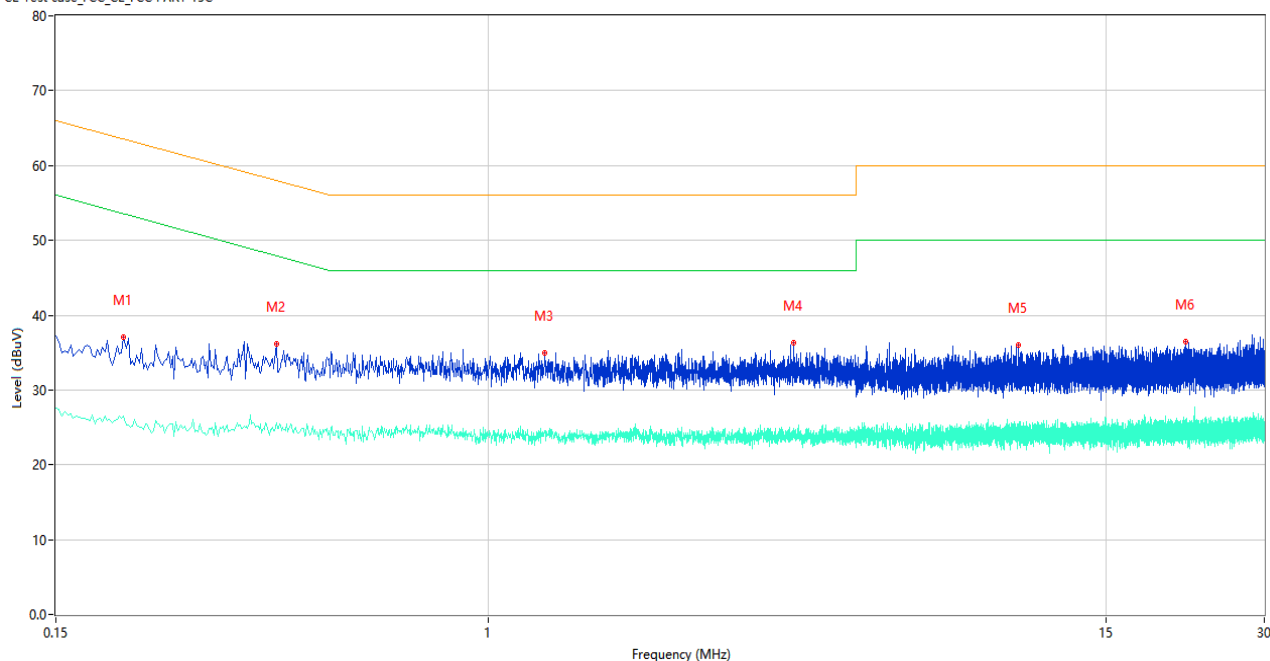
CE Test case\_FCC\_CE\_FCC PART 15C



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.152           | 37.41          | 9.74        | 65.89        | 28.48       | Peak     | L    | Pass    |
| 1** | 0.152           | 27.59          | 9.74        | 55.89        | 28.30       | AV       | L    | Pass    |
| 2   | 0.452           | 36.20          | 10.00       | 56.84        | 20.64       | Peak     | L    | Pass    |
| 2** | 0.452           | 24.65          | 10.00       | 46.84        | 22.19       | AV       | L    | Pass    |
| 3   | 0.984           | 36.71          | 9.97        | 56.00        | 19.29       | Peak     | L    | Pass    |
| 3** | 0.984           | 23.77          | 9.97        | 46.00        | 22.23       | AV       | L    | Pass    |
| 4   | 3.748           | 35.97          | 10.42       | 56.00        | 20.03       | Peak     | L    | Pass    |
| 4** | 3.748           | 23.53          | 10.42       | 46.00        | 22.47       | AV       | L    | Pass    |
| 5   | 10.562          | 36.42          | 10.37       | 60.00        | 23.58       | Peak     | L    | Pass    |
| 5** | 10.562          | 24.28          | 10.37       | 50.00        | 25.72       | AV       | L    | Pass    |
| 6   | 27.560          | 37.04          | 11.10       | 60.00        | 22.96       | Peak     | L    | Pass    |
| 6** | 27.560          | 25.96          | 11.10       | 50.00        | 24.04       | AV       | L    | Pass    |

## PHASE N

CE Test case\_FCC\_CE\_FCC PART 15C



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.202           | 37.01          | 9.74        | 63.53        | 26.52       | Peak     | N    | Pass    |
| 1** | 0.202           | 26.48          | 9.74        | 53.53        | 27.05       | AV       | N    | Pass    |
| 2   | 0.394           | 36.19          | 10.55       | 57.98        | 21.79       | Peak     | N    | Pass    |
| 2** | 0.394           | 25.67          | 10.55       | 47.98        | 22.31       | AV       | N    | Pass    |
| 3   | 1.280           | 34.94          | 10.46       | 56.00        | 21.06       | Peak     | N    | Pass    |
| 3** | 1.280           | 24.31          | 10.46       | 46.00        | 21.69       | AV       | N    | Pass    |
| 4   | 3.816           | 36.29          | 10.29       | 56.00        | 19.71       | Peak     | N    | Pass    |
| 4** | 3.816           | 24.34          | 10.29       | 46.00        | 21.66       | AV       | N    | Pass    |
| 5   | 10.194          | 35.97          | 10.50       | 60.00        | 24.03       | Peak     | N    | Pass    |
| 5** | 10.194          | 24.55          | 10.50       | 50.00        | 25.45       | AV       | N    | Pass    |
| 6   | 21.212          | 36.44          | 10.61       | 60.00        | 23.56       | Peak     | N    | Pass    |
| 6** | 21.212          | 24.42          | 10.61       | 50.00        | 25.58       | AV       | N    | Pass    |

## A.6 Radiated Emission

Note <sup>1</sup>: The symbol of “--” in the table which means not application.

Note <sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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.

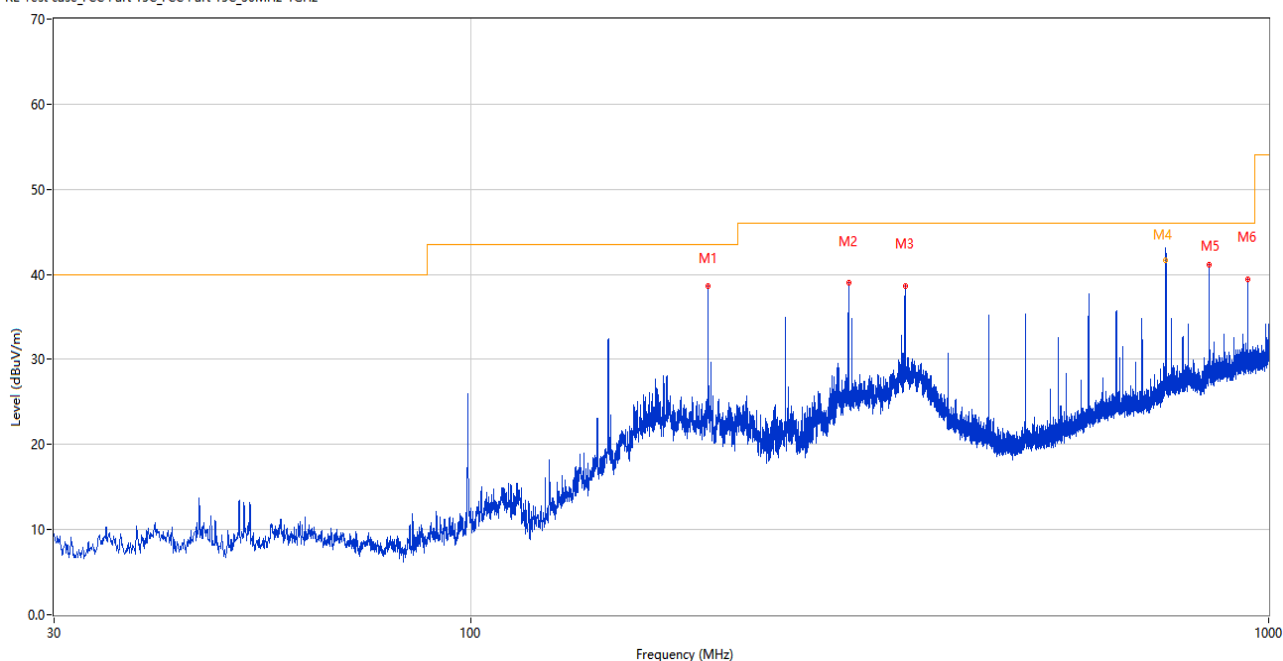
Note <sup>3</sup>: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note <sup>4</sup>: 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

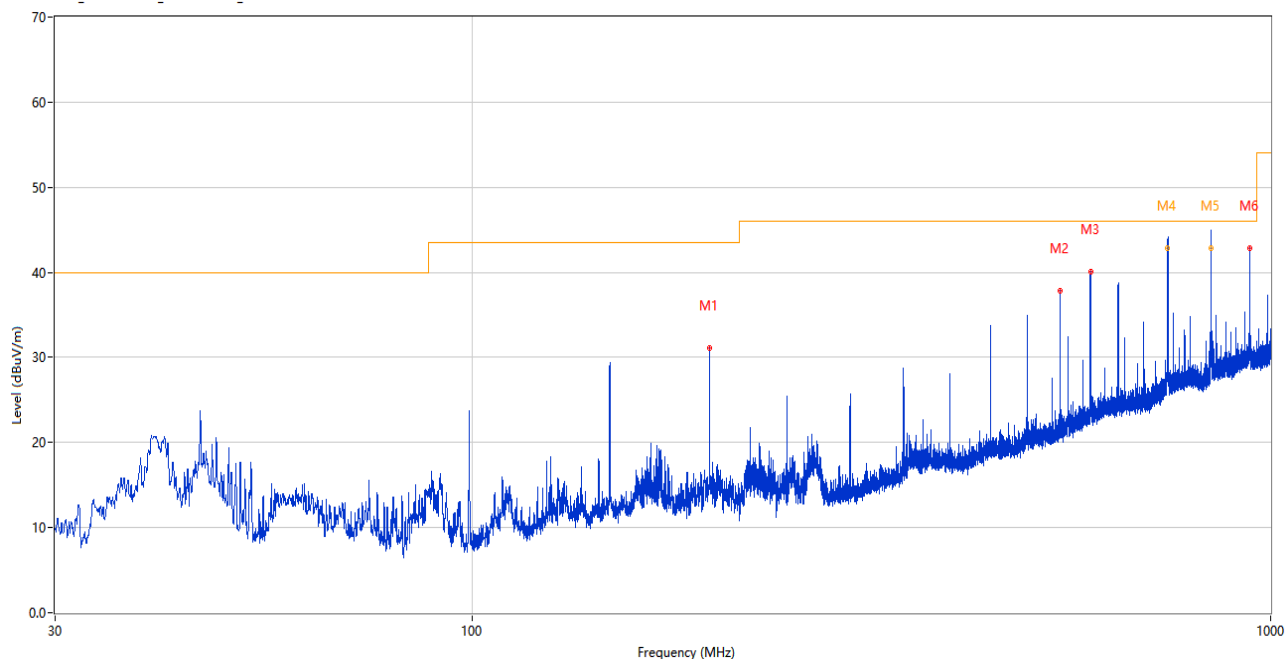
RE Test case\_FCC Part 15C\_FCC Part 15C\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 198.198         | 38.63            | -30.25      | 43.5           | 4.87        | Peak     | 163.00         | 100         | Horizontal | Pass    |
| 2   | 297.380         | 38.96            | -25.42      | 46.0           | 7.04        | Peak     | 10.00          | 100         | Horizontal | Pass    |
| 3   | 350.003         | 38.61            | -23.96      | 46.0           | 7.39        | Peak     | 36.30          | 100         | Horizontal | Pass    |
| 4   | 743.324         | 44.14            | -12.74      | 46.0           | 1.86        | Peak     | 195.50         | 101         | Horizontal | N/A     |
| 4*  | 743.324         | 41.60            | -12.74      | 46.0           | 4.40        | QP       | 195.50         | 101         | Horizontal | Pass    |
| 5   | 842.521         | 41.18            | -11.53      | 46.0           | 4.82        | Peak     | 187.20         | 100         | Horizontal | Pass    |
| 6   | 941.606         | 39.44            | -9.46       | 46.0           | 6.56        | Peak     | 138.40         | 100         | Horizontal | Pass    |

## 30 MHz to 1 GHz, ANT V

RE Test case\_FCC Part 15C\_FCC Part 15C\_30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 198.198         | 31.14            | -30.25      | 43.5           | 12.36       | Peak     | 115.10         | 100         | Vertical | Pass    |
| 2   | 544.876         | 37.84            | -18.00      | 46.0           | 8.16        | Peak     | 257.20         | 100         | Vertical | Pass    |
| 3   | 594.588         | 40.08            | -16.18      | 46.0           | 5.92        | Peak     | 260.30         | 100         | Vertical | Pass    |
| 4   | 743.220         | 46.00            | -12.74      | 46.0           | 0.00        | Peak     | 250.30         | 160         | Vertical | N/A     |
| 4*  | 743.220         | 42.78            | -12.74      | 46.0           | 3.22        | QP       | 250.30         | 160         | Vertical | Pass    |
| 5   | 842.317         | 45.71            | -11.54      | 46.0           | 0.29        | Peak     | 78.30          | 111         | Vertical | N/A     |
| 5*  | 842.317         | 42.81            | -11.54      | 46.0           | 3.19        | QP       | 78.30          | 111         | Vertical | Pass    |
| 6   | 941.364         | 42.88            | -9.47       | 46.0           | 3.12        | Peak     | 55.90          | 100         | Vertical | Pass    |

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

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

Note <sup>3</sup>: The RSE Plot only shows the worst-case scenario, while all other data are presented in tabular form.

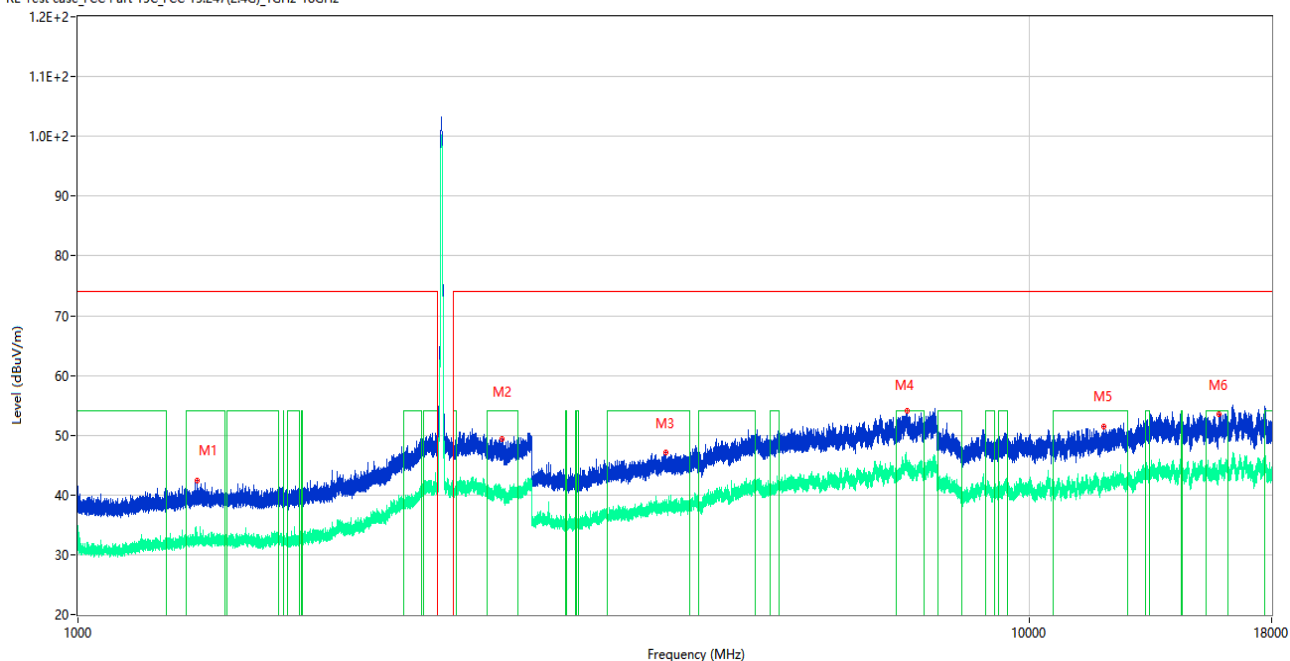
Note <sup>4</sup>: All antenna were pre tested, but only the worst case has been reported in this report.

Note <sup>5</sup>: All the configurations were pre tested, only the worst configuration has been reported in this report.

## MIMO

### 1 GHz to 18 GHz, ANT H 802.11b CH1

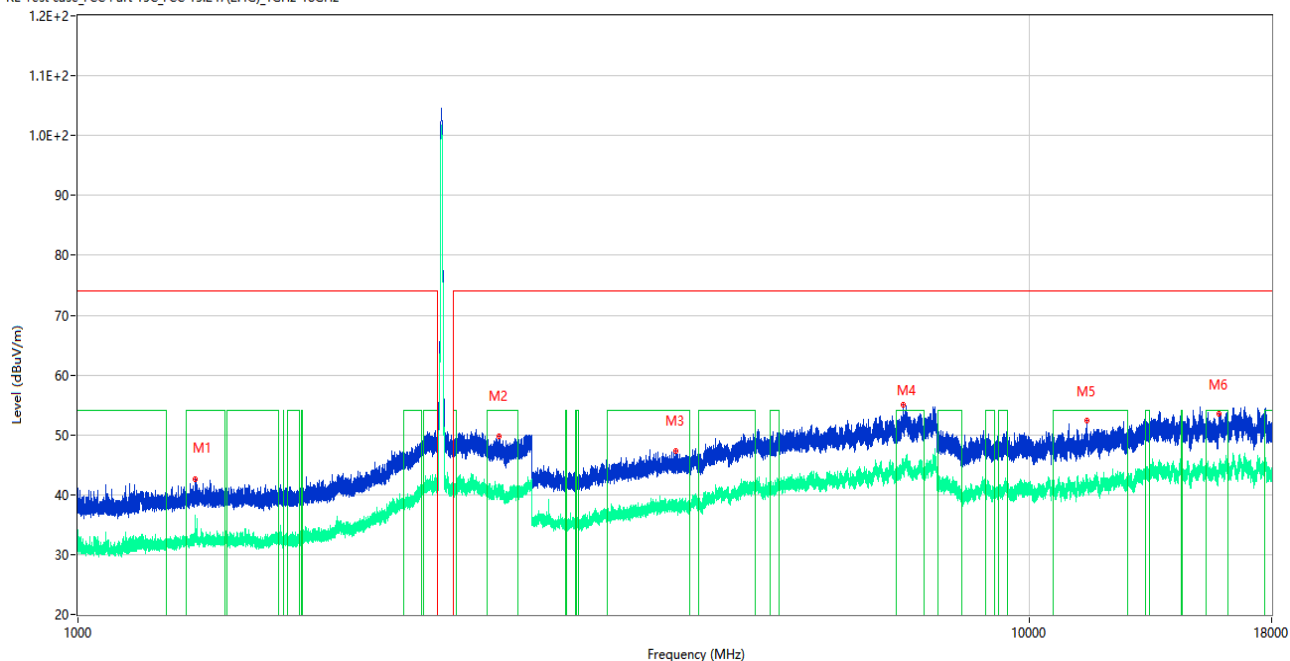
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1337.216        | 42.49            | 74.0           | 31.51       | Peak     | 248.00         | 100         | Horizontal | Pass    |
| 1** | 1337.216        | 33.10            | 54.0           | 20.90       | AV       | 248.00         | 100         | Horizontal | Pass    |
| 2   | 2787.115        | 49.47            | 74.0           | 24.53       | Peak     | 176.00         | 100         | Horizontal | Pass    |
| 2** | 2787.115        | 39.73            | 54.0           | 14.27       | AV       | 176.00         | 100         | Horizontal | Pass    |
| 3   | 4148.938        | 47.27            | 74.0           | 26.73       | Peak     | 289.00         | 200         | Horizontal | Pass    |
| 3** | 4148.938        | 38.73            | 54.0           | 15.27       | AV       | 289.00         | 200         | Horizontal | Pass    |
| 4   | 7452.262        | 54.13            | 74.0           | 19.87       | Peak     | 154.00         | 100         | Horizontal | Pass    |
| 4** | 7452.262        | 45.05            | 54.0           | 8.96        | AV       | 154.00         | 100         | Horizontal | Pass    |
| 5   | 11995.066       | 51.58            | 74.0           | 22.43       | Peak     | 277.00         | 100         | Horizontal | Pass    |
| 5** | 11995.066       | 43.13            | 54.0           | 10.87       | AV       | 277.00         | 100         | Horizontal | Pass    |
| 6   | 15867.220       | 53.58            | 74.0           | 20.42       | Peak     | 216.00         | 300         | Horizontal | Pass    |
| 6** | 15867.220       | 45.76            | 54.0           | 8.24        | AV       | 216.00         | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11b CH1

RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.236        | 42.88            | 74.0           | 31.12       | Peak     | 81.00          | 300         | Vertical | Pass    |
| 1** | 1331.236        | 33.16            | 54.0           | 20.84       | AV       | 81.00          | 300         | Vertical | Pass    |
| 2   | 2767.735        | 50.04            | 74.0           | 23.96       | Peak     | 112.00         | 200         | Vertical | Pass    |
| 2** | 2767.735        | 40.71            | 54.0           | 13.29       | AV       | 112.00         | 200         | Vertical | Pass    |
| 3   | 4251.034        | 47.26            | 74.0           | 26.74       | Peak     | 309.00         | 200         | Vertical | Pass    |
| 3** | 4251.034        | 37.64            | 54.0           | 16.36       | AV       | 309.00         | 200         | Vertical | Pass    |
| 4   | 7369.116        | 55.10            | 74.0           | 18.91       | Peak     | 140.00         | 300         | Vertical | Pass    |
| 4** | 7369.116        | 45.26            | 54.0           | 8.74        | AV       | 140.00         | 300         | Vertical | Pass    |
| 5   | 11512.445       | 52.33            | 74.0           | 21.67       | Peak     | 339.00         | 300         | Vertical | Pass    |
| 5** | 11512.445       | 41.84            | 54.0           | 12.16       | AV       | 339.00         | 300         | Vertical | Pass    |
| 6   | 15853.386       | 53.53            | 74.0           | 20.47       | Peak     | 85.00          | 400         | Vertical | Pass    |
| 6** | 15853.386       | 44.30            | 54.0           | 9.71        | AV       | 85.00          | 400         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11b CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.980        | 41.69            | 74.0           | 32.31       | Peak     | 177.00         | 400         | Horizontal | Pass    |
| 1** | 1332.980        | 32.66            | 54.0           | 21.34       | AV       | 177.00         | 400         | Horizontal | Pass    |
| 2   | 2792.190        | 48.70            | 74.0           | 25.30       | Peak     | 248.00         | 100         | Horizontal | Pass    |
| 2** | 2792.190        | 39.32            | 54.0           | 14.68       | AV       | 248.00         | 100         | Horizontal | Pass    |
| 3   | 4144.524        | 47.08            | 74.0           | 26.92       | Peak     | 106.00         | 200         | Horizontal | Pass    |
| 3** | 4144.524        | 38.72            | 54.0           | 15.28       | AV       | 106.00         | 200         | Horizontal | Pass    |
| 4   | 7457.727        | 53.22            | 74.0           | 20.78       | Peak     | 214.00         | 400         | Horizontal | Pass    |
| 4** | 7457.727        | 45.00            | 54.0           | 9.01        | AV       | 214.00         | 400         | Horizontal | Pass    |
| 5   | 11998.394       | 51.38            | 74.0           | 22.63       | Peak     | 315.00         | 100         | Horizontal | Pass    |
| 5** | 11998.394       | 43.12            | 54.0           | 10.88       | AV       | 315.00         | 100         | Horizontal | Pass    |
| 6   | 15862.502       | 53.23            | 74.0           | 20.77       | Peak     | 261.00         | 400         | Horizontal | Pass    |
| 6** | 15862.502       | 44.83            | 54.0           | 9.17        | AV       | 261.00         | 400         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11b CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1326.036        | 42.23            | 74.0           | 31.77       | Peak     | 7.00           | 200         | Vertical | Pass    |
| 1** | 1326.036        | 32.68            | 54.0           | 21.32       | AV       | 7.00           | 200         | Vertical | Pass    |
| 2   | 2772.055        | 50.03            | 74.0           | 23.97       | Peak     | 303.00         | 200         | Vertical | Pass    |
| 2** | 2772.055        | 40.11            | 54.0           | 13.89       | AV       | 303.00         | 200         | Vertical | Pass    |
| 3   | 4252.213        | 46.49            | 74.0           | 27.51       | Peak     | 245.00         | 200         | Vertical | Pass    |
| 3** | 4252.213        | 37.49            | 54.0           | 16.51       | AV       | 245.00         | 200         | Vertical | Pass    |
| 4   | 7371.806        | 54.54            | 74.0           | 19.47       | Peak     | 19.00          | 400         | Vertical | Pass    |
| 4** | 7371.806        | 45.11            | 54.0           | 8.89        | AV       | 19.00          | 400         | Vertical | Pass    |
| 5   | 11512.470       | 52.19            | 74.0           | 21.81       | Peak     | 236.00         | 100         | Vertical | Pass    |
| 5** | 11512.470       | 41.81            | 54.0           | 12.19       | AV       | 236.00         | 100         | Vertical | Pass    |
| 6   | 15847.087       | 53.27            | 74.0           | 20.73       | Peak     | 176.00         | 100         | Vertical | Pass    |
| 6** | 15847.087       | 43.70            | 54.0           | 10.31       | AV       | 176.00         | 100         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11b CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.825        | 41.68            | 74.0           | 32.32       | Peak     | 255.00         | 100         | Horizontal | Pass    |
| 1** | 1330.825        | 32.64            | 54.0           | 21.36       | AV       | 255.00         | 100         | Horizontal | Pass    |
| 2   | 2787.578        | 48.75            | 74.0           | 25.25       | Peak     | 211.00         | 300         | Horizontal | Pass    |
| 2** | 2787.578        | 38.73            | 54.0           | 15.27       | AV       | 211.00         | 300         | Horizontal | Pass    |
| 3   | 4149.228        | 46.47            | 74.0           | 27.53       | Peak     | 99.00          | 200         | Horizontal | Pass    |
| 3** | 4149.228        | 38.44            | 54.0           | 15.56       | AV       | 99.00          | 200         | Horizontal | Pass    |
| 4   | 7456.842        | 53.93            | 74.0           | 20.07       | Peak     | 183.00         | 100         | Horizontal | Pass    |
| 4** | 7456.842        | 44.22            | 54.0           | 9.79        | AV       | 183.00         | 100         | Horizontal | Pass    |
| 5   | 12001.567       | 50.66            | 74.0           | 23.35       | Peak     | 75.00          | 300         | Horizontal | Pass    |
| 5** | 12001.567       | 42.35            | 54.0           | 11.65       | AV       | 75.00          | 300         | Horizontal | Pass    |
| 6   | 15863.943       | 53.08            | 74.0           | 20.92       | Peak     | 45.00          | 300         | Horizontal | Pass    |
| 6** | 15863.943       | 44.66            | 54.0           | 9.34        | AV       | 45.00          | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11b CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.168        | 42.52            | 74.0           | 31.48       | Peak     | 107.00         | 400         | Vertical | Pass    |
| 1** | 1330.168        | 32.68            | 54.0           | 21.32       | AV       | 107.00         | 400         | Vertical | Pass    |
| 2   | 2767.214        | 49.39            | 74.0           | 24.61       | Peak     | 75.00          | 200         | Vertical | Pass    |
| 2** | 2767.214        | 40.43            | 54.0           | 13.57       | AV       | 75.00          | 200         | Vertical | Pass    |
| 3   | 4255.781        | 46.28            | 74.0           | 27.72       | Peak     | 348.00         | 200         | Vertical | Pass    |
| 3** | 4255.781        | 37.44            | 54.0           | 16.56       | AV       | 348.00         | 200         | Vertical | Pass    |
| 4   | 7368.001        | 54.41            | 74.0           | 19.60       | Peak     | 108.00         | 400         | Vertical | Pass    |
| 4** | 7368.001        | 44.49            | 54.0           | 9.51        | AV       | 108.00         | 400         | Vertical | Pass    |
| 5   | 11508.267       | 52.32            | 74.0           | 21.68       | Peak     | 267.00         | 300         | Vertical | Pass    |
| 5** | 11508.267       | 41.66            | 54.0           | 12.34       | AV       | 267.00         | 300         | Vertical | Pass    |
| 6   | 15849.664       | 52.62            | 74.0           | 21.38       | Peak     | 202.00         | 300         | Vertical | Pass    |
| 6** | 15849.664       | 44.16            | 54.0           | 9.85        | AV       | 202.00         | 300         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11g CH1

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.675        | 41.97            | 74.0           | 32.03       | Peak     | 241.00         | 400         | Horizontal | Pass    |
| 1** | 1330.675        | 33.03            | 54.0           | 20.97       | AV       | 241.00         | 400         | Horizontal | Pass    |
| 2   | 2788.749        | 49.01            | 74.0           | 24.99       | Peak     | 337.00         | 100         | Horizontal | Pass    |
| 2** | 2788.749        | 39.43            | 54.0           | 14.57       | AV       | 337.00         | 100         | Horizontal | Pass    |
| 3   | 4147.411        | 46.63            | 74.0           | 27.37       | Peak     | 358.00         | 200         | Horizontal | Pass    |
| 3** | 4147.411        | 38.58            | 54.0           | 15.42       | AV       | 358.00         | 200         | Horizontal | Pass    |
| 4   | 7457.949        | 53.78            | 74.0           | 20.22       | Peak     | 354.00         | 400         | Horizontal | Pass    |
| 4** | 7457.949        | 44.88            | 54.0           | 9.13        | AV       | 354.00         | 400         | Horizontal | Pass    |
| 5   | 11994.150       | 50.87            | 74.0           | 23.14       | Peak     | 126.00         | 200         | Horizontal | Pass    |
| 5** | 11994.150       | 43.01            | 54.0           | 10.99       | AV       | 126.00         | 200         | Horizontal | Pass    |
| 6   | 15859.506       | 52.75            | 74.0           | 21.25       | Peak     | 6.00           | 200         | Horizontal | Pass    |
| 6** | 15859.506       | 44.69            | 54.0           | 9.31        | AV       | 6.00           | 200         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11g CH1

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.129        | 42.22            | 74.0           | 31.78       | Peak     | 260.00         | 200         | Vertical | Pass    |
| 1** | 1332.129        | 32.34            | 54.0           | 21.66       | AV       | 260.00         | 200         | Vertical | Pass    |
| 2   | 2767.427        | 49.27            | 74.0           | 24.73       | Peak     | 4.00           | 400         | Vertical | Pass    |
| 2** | 2767.427        | 39.92            | 54.0           | 14.08       | AV       | 4.00           | 400         | Vertical | Pass    |
| 3   | 4254.502        | 45.99            | 74.0           | 28.01       | Peak     | 215.00         | 200         | Vertical | Pass    |
| 3** | 4254.502        | 36.53            | 54.0           | 17.47       | AV       | 215.00         | 200         | Vertical | Pass    |
| 4   | 7368.086        | 53.88            | 74.0           | 20.13       | Peak     | 117.00         | 400         | Vertical | Pass    |
| 4** | 7368.086        | 44.64            | 54.0           | 9.36        | AV       | 117.00         | 400         | Vertical | Pass    |
| 5   | 11509.672       | 51.25            | 74.0           | 22.75       | Peak     | 101.00         | 200         | Vertical | Pass    |
| 5** | 11509.672       | 41.64            | 54.0           | 12.36       | AV       | 101.00         | 200         | Vertical | Pass    |
| 6   | 15851.756       | 53.16            | 74.0           | 20.84       | Peak     | 139.00         | 300         | Vertical | Pass    |
| 6** | 15851.756       | 43.51            | 54.0           | 10.50       | AV       | 139.00         | 300         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11g CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1337.799        | 41.35            | 74.0           | 32.65       | Peak     | 188.00         | 400         | Horizontal | Pass    |
| 1** | 1337.799        | 31.66            | 54.0           | 22.34       | AV       | 188.00         | 400         | Horizontal | Pass    |
| 2   | 2791.441        | 47.94            | 74.0           | 26.06       | Peak     | 251.00         | 200         | Horizontal | Pass    |
| 2** | 2791.441        | 38.98            | 54.0           | 15.02       | AV       | 251.00         | 200         | Horizontal | Pass    |
| 3   | 4146.539        | 47.03            | 74.0           | 26.97       | Peak     | 252.00         | 200         | Horizontal | Pass    |
| 3** | 4146.539        | 37.74            | 54.0           | 16.26       | AV       | 252.00         | 200         | Horizontal | Pass    |
| 4   | 7454.397        | 52.88            | 74.0           | 21.12       | Peak     | 181.00         | 300         | Horizontal | Pass    |
| 4** | 7454.397        | 44.59            | 54.0           | 9.41        | AV       | 181.00         | 300         | Horizontal | Pass    |
| 5   | 11997.871       | 51.26            | 74.0           | 22.75       | Peak     | 102.00         | 200         | Horizontal | Pass    |
| 5** | 11997.871       | 42.69            | 54.0           | 11.31       | AV       | 102.00         | 200         | Horizontal | Pass    |
| 6   | 15863.903       | 53.06            | 74.0           | 20.94       | Peak     | 68.00          | 300         | Horizontal | Pass    |
| 6** | 15863.903       | 44.38            | 54.0           | 9.62        | AV       | 68.00          | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11g CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.100        | 42.48            | 74.0           | 31.52       | Peak     | 1.00           | 200         | Vertical | Pass    |
| 1** | 1329.100        | 32.30            | 54.0           | 21.70       | AV       | 1.00           | 200         | Vertical | Pass    |
| 2   | 2767.785        | 49.06            | 74.0           | 24.94       | Peak     | 116.00         | 400         | Vertical | Pass    |
| 2** | 2767.785        | 39.78            | 54.0           | 14.22       | AV       | 116.00         | 400         | Vertical | Pass    |
| 3   | 4250.539        | 45.51            | 74.0           | 28.49       | Peak     | 107.00         | 200         | Vertical | Pass    |
| 3** | 4250.539        | 36.62            | 54.0           | 17.38       | AV       | 107.00         | 200         | Vertical | Pass    |
| 4   | 7366.001        | 53.55            | 74.0           | 20.46       | Peak     | 312.00         | 100         | Vertical | Pass    |
| 4** | 7366.001        | 43.81            | 54.0           | 10.19       | AV       | 312.00         | 100         | Vertical | Pass    |
| 5   | 11509.267       | 52.05            | 74.0           | 21.95       | Peak     | 225.00         | 200         | Vertical | Pass    |
| 5** | 11509.267       | 41.63            | 54.0           | 12.37       | AV       | 225.00         | 200         | Vertical | Pass    |
| 6   | 15851.614       | 51.78            | 74.0           | 22.22       | Peak     | 355.00         | 100         | Vertical | Pass    |
| 6** | 15851.614       | 43.19            | 54.0           | 10.82       | AV       | 355.00         | 100         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11g CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.537        | 41.60            | 74.0           | 32.40       | Peak     | 232.00         | 200         | Horizontal | Pass    |
| 1** | 1330.537        | 32.32            | 54.0           | 21.68       | AV       | 232.00         | 200         | Horizontal | Pass    |
| 2   | 2790.907        | 47.79            | 74.0           | 26.21       | Peak     | 180.00         | 300         | Horizontal | Pass    |
| 2** | 2790.907        | 38.48            | 54.0           | 15.52       | AV       | 180.00         | 300         | Horizontal | Pass    |
| 3   | 4147.089        | 45.57            | 74.0           | 28.43       | Peak     | 68.00          | 200         | Horizontal | Pass    |
| 3** | 4147.089        | 37.48            | 54.0           | 16.52       | AV       | 68.00          | 200         | Horizontal | Pass    |
| 4   | 7454.123        | 53.59            | 74.0           | 20.41       | Peak     | 275.00         | 200         | Horizontal | Pass    |
| 4** | 7454.123        | 43.45            | 54.0           | 10.56       | AV       | 275.00         | 200         | Horizontal | Pass    |
| 5   | 11996.597       | 49.95            | 74.0           | 24.06       | Peak     | 112.00         | 300         | Horizontal | Pass    |
| 5** | 11996.597       | 41.57            | 54.0           | 12.43       | AV       | 112.00         | 300         | Horizontal | Pass    |
| 6   | 15863.035       | 52.70            | 74.0           | 21.30       | Peak     | 299.00         | 400         | Horizontal | Pass    |
| 6** | 15863.035       | 44.72            | 54.0           | 9.28        | AV       | 299.00         | 400         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11g CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1324.627        | 42.17            | 74.0           | 31.83       | Peak     | 166.00         | 100         | Vertical | Pass    |
| 1** | 1324.627        | 32.30            | 54.0           | 21.70       | AV       | 166.00         | 100         | Vertical | Pass    |
| 2   | 2770.950        | 49.19            | 74.0           | 24.81       | Peak     | 329.00         | 400         | Vertical | Pass    |
| 2** | 2770.950        | 39.85            | 54.0           | 14.15       | AV       | 329.00         | 400         | Vertical | Pass    |
| 3   | 4252.695        | 45.89            | 74.0           | 28.11       | Peak     | 12.00          | 200         | Vertical | Pass    |
| 3** | 4252.695        | 36.46            | 54.0           | 17.54       | AV       | 12.00          | 200         | Vertical | Pass    |
| 4   | 7370.933        | 53.80            | 74.0           | 20.20       | Peak     | 231.00         | 100         | Vertical | Pass    |
| 4** | 7370.933        | 44.64            | 54.0           | 9.37        | AV       | 231.00         | 100         | Vertical | Pass    |
| 5   | 11508.412       | 51.25            | 74.0           | 22.75       | Peak     | 321.00         | 200         | Vertical | Pass    |
| 5** | 11508.412       | 41.62            | 54.0           | 12.38       | AV       | 321.00         | 200         | Vertical | Pass    |
| 6   | 15850.332       | 53.10            | 74.0           | 20.90       | Peak     | 350.00         | 200         | Vertical | Pass    |
| 6** | 15850.332       | 43.45            | 54.0           | 10.55       | AV       | 350.00         | 200         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11n20 CH1

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.032        | 41.89            | 74.0           | 32.11       | Peak     | 148.00         | 300         | Horizontal | Pass    |
| 1** | 1333.032        | 32.99            | 54.0           | 21.01       | AV       | 148.00         | 300         | Horizontal | Pass    |
| 2   | 2790.949        | 48.95            | 74.0           | 25.05       | Peak     | 104.00         | 100         | Horizontal | Pass    |
| 2** | 2790.949        | 39.36            | 54.0           | 14.64       | AV       | 104.00         | 100         | Horizontal | Pass    |
| 3   | 4151.824        | 46.62            | 74.0           | 27.38       | Peak     | 210.00         | 200         | Horizontal | Pass    |
| 3** | 4151.824        | 38.50            | 54.0           | 15.51       | AV       | 210.00         | 200         | Horizontal | Pass    |
| 4   | 7454.592        | 53.75            | 74.0           | 20.26       | Peak     | 50.00          | 200         | Horizontal | Pass    |
| 4** | 7454.592        | 44.83            | 54.0           | 9.17        | AV       | 50.00          | 200         | Horizontal | Pass    |
| 5   | 11995.861       | 50.81            | 74.0           | 23.20       | Peak     | 70.00          | 400         | Horizontal | Pass    |
| 5** | 11995.861       | 42.94            | 54.0           | 11.06       | AV       | 70.00          | 400         | Horizontal | Pass    |
| 6   | 15863.206       | 52.70            | 74.0           | 21.30       | Peak     | 0.00           | 300         | Horizontal | Pass    |
| 6** | 15863.206       | 44.65            | 54.0           | 9.35        | AV       | 0.00           | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11n20 CH1

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1325.405        | 42.44            | 74.0           | 31.57       | Peak     | 32.00          | 200         | Vertical | Pass    |
| 1** | 1325.405        | 32.23            | 54.0           | 21.77       | AV       | 32.00          | 200         | Vertical | Pass    |
| 2   | 2766.245        | 49.00            | 74.0           | 25.01       | Peak     | 68.00          | 100         | Vertical | Pass    |
| 2** | 2766.245        | 39.75            | 54.0           | 14.25       | AV       | 68.00          | 100         | Vertical | Pass    |
| 3   | 4252.301        | 45.47            | 74.0           | 28.53       | Peak     | 337.00         | 200         | Vertical | Pass    |
| 3** | 4252.301        | 36.57            | 54.0           | 17.43       | AV       | 337.00         | 200         | Vertical | Pass    |
| 4   | 7370.669        | 53.45            | 74.0           | 20.55       | Peak     | 88.00          | 300         | Vertical | Pass    |
| 4** | 7370.669        | 43.71            | 54.0           | 10.29       | AV       | 88.00          | 300         | Vertical | Pass    |
| 5   | 11506.179       | 52.03            | 74.0           | 21.97       | Peak     | 51.00          | 400         | Vertical | Pass    |
| 5** | 11506.179       | 41.57            | 54.0           | 12.43       | AV       | 51.00          | 400         | Vertical | Pass    |
| 6   | 15848.353       | 51.77            | 74.0           | 22.23       | Peak     | 303.00         | 200         | Vertical | Pass    |
| 6** | 15848.353       | 43.13            | 54.0           | 10.87       | AV       | 303.00         | 200         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11n20 CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1336.231        | 42.47            | 74.0           | 31.53       | Peak     | 17.00          | 100         | Horizontal | Pass    |
| 1** | 1336.231        | 33.06            | 54.0           | 20.94       | AV       | 17.00          | 100         | Horizontal | Pass    |
| 2   | 2790.687        | 49.40            | 74.0           | 24.60       | Peak     | 177.00         | 300         | Horizontal | Pass    |
| 2** | 2790.687        | 39.68            | 54.0           | 14.33       | AV       | 177.00         | 300         | Horizontal | Pass    |
| 3   | 4146.429        | 47.20            | 74.0           | 26.80       | Peak     | 118.00         | 200         | Horizontal | Pass    |
| 3** | 4146.429        | 38.69            | 54.0           | 15.31       | AV       | 118.00         | 200         | Horizontal | Pass    |
| 4   | 7456.776        | 54.04            | 74.0           | 19.96       | Peak     | 74.00          | 300         | Horizontal | Pass    |
| 4** | 7456.776        | 44.99            | 54.0           | 9.01        | AV       | 74.00          | 300         | Horizontal | Pass    |
| 5   | 11998.132       | 51.51            | 74.0           | 22.49       | Peak     | 33.00          | 400         | Horizontal | Pass    |
| 5** | 11998.132       | 43.09            | 54.0           | 10.92       | AV       | 33.00          | 400         | Horizontal | Pass    |
| 6   | 15863.747       | 53.48            | 74.0           | 20.52       | Peak     | 335.00         | 100         | Horizontal | Pass    |
| 6** | 15863.747       | 44.68            | 54.0           | 9.32        | AV       | 335.00         | 100         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11n20 CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.171        | 41.52            | 74.0           | 32.48       | Peak     | 123.00         | 200         | Vertical | Pass    |
| 1** | 1329.171        | 31.80            | 54.0           | 22.20       | AV       | 123.00         | 200         | Vertical | Pass    |
| 2   | 2772.880        | 48.75            | 74.0           | 25.25       | Peak     | 134.00         | 100         | Vertical | Pass    |
| 2** | 2772.880        | 39.57            | 54.0           | 14.43       | AV       | 134.00         | 100         | Vertical | Pass    |
| 3   | 4255.707        | 45.66            | 74.0           | 28.34       | Peak     | 242.00         | 200         | Vertical | Pass    |
| 3** | 4255.707        | 36.13            | 54.0           | 17.87       | AV       | 242.00         | 200         | Vertical | Pass    |
| 4   | 7365.824        | 53.62            | 74.0           | 20.38       | Peak     | 186.00         | 300         | Vertical | Pass    |
| 4** | 7365.824        | 44.29            | 54.0           | 9.72        | AV       | 186.00         | 300         | Vertical | Pass    |
| 5   | 11510.347       | 50.38            | 74.0           | 23.62       | Peak     | 120.00         | 400         | Vertical | Pass    |
| 5** | 11510.347       | 40.81            | 54.0           | 13.19       | AV       | 120.00         | 400         | Vertical | Pass    |
| 6   | 15851.606       | 52.12            | 74.0           | 21.88       | Peak     | 350.00         | 300         | Vertical | Pass    |
| 6** | 15851.606       | 42.48            | 54.0           | 11.52       | AV       | 350.00         | 300         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11n20 CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1336.600        | 42.40            | 74.0           | 31.60       | Peak     | 260.00         | 100         | Horizontal | Pass    |
| 1** | 1336.600        | 33.01            | 54.0           | 21.00       | AV       | 260.00         | 100         | Horizontal | Pass    |
| 2   | 2785.859        | 49.38            | 74.0           | 24.62       | Peak     | 226.00         | 200         | Horizontal | Pass    |
| 2** | 2785.859        | 39.64            | 54.0           | 14.36       | AV       | 226.00         | 200         | Horizontal | Pass    |
| 3   | 4149.081        | 47.25            | 74.0           | 26.75       | Peak     | 170.00         | 200         | Horizontal | Pass    |
| 3** | 4149.081        | 38.63            | 54.0           | 15.37       | AV       | 170.00         | 200         | Horizontal | Pass    |
| 4   | 7456.824        | 54.05            | 74.0           | 19.95       | Peak     | 161.00         | 100         | Horizontal | Pass    |
| 4** | 7456.824        | 45.00            | 54.0           | 9.00        | AV       | 161.00         | 100         | Horizontal | Pass    |
| 5   | 11998.577       | 51.54            | 74.0           | 22.46       | Peak     | 93.00          | 200         | Horizontal | Pass    |
| 5** | 11998.577       | 43.09            | 54.0           | 10.91       | AV       | 93.00          | 200         | Horizontal | Pass    |
| 6   | 15863.302       | 53.53            | 74.0           | 20.48       | Peak     | 359.00         | 300         | Horizontal | Pass    |
| 6** | 15863.302       | 44.73            | 54.0           | 9.27        | AV       | 359.00         | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11n20 CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.819        | 42.40            | 74.0           | 31.60       | Peak     | 268.00         | 200         | Vertical | Pass    |
| 1** | 1331.819        | 31.99            | 54.0           | 22.01       | AV       | 268.00         | 200         | Vertical | Pass    |
| 2   | 2771.768        | 48.54            | 74.0           | 25.47       | Peak     | 128.00         | 100         | Vertical | Pass    |
| 2** | 2771.768        | 39.01            | 54.0           | 14.99       | AV       | 128.00         | 100         | Vertical | Pass    |
| 3   | 4251.567        | 45.38            | 74.0           | 28.62       | Peak     | 27.00          | 200         | Vertical | Pass    |
| 3** | 4251.567        | 36.46            | 54.0           | 17.54       | AV       | 27.00          | 200         | Vertical | Pass    |
| 4   | 7367.796        | 52.74            | 74.0           | 21.26       | Peak     | 334.00         | 400         | Vertical | Pass    |
| 4** | 7367.796        | 42.86            | 54.0           | 11.14       | AV       | 334.00         | 400         | Vertical | Pass    |
| 5   | 11510.506       | 51.55            | 74.0           | 22.45       | Peak     | 37.00          | 200         | Vertical | Pass    |
| 5** | 11510.506       | 41.09            | 54.0           | 12.91       | AV       | 37.00          | 200         | Vertical | Pass    |
| 6   | 15847.848       | 50.95            | 74.0           | 23.05       | Peak     | 272.00         | 100         | Vertical | Pass    |
| 6** | 15847.848       | 42.76            | 54.0           | 11.24       | AV       | 272.00         | 100         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11n40 CH3

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.445        | 42.45            | 74.0           | 31.55       | Peak     | 1.00           | 400         | Horizontal | Pass    |
| 1** | 1330.445        | 33.06            | 54.0           | 20.94       | AV       | 1.00           | 400         | Horizontal | Pass    |
| 2   | 2789.623        | 49.39            | 74.0           | 24.61       | Peak     | 67.00          | 300         | Horizontal | Pass    |
| 2** | 2789.623        | 39.64            | 54.0           | 14.37       | AV       | 67.00          | 300         | Horizontal | Pass    |
| 3   | 4144.416        | 47.19            | 74.0           | 26.82       | Peak     | 233.00         | 200         | Horizontal | Pass    |
| 3** | 4144.416        | 38.65            | 54.0           | 15.35       | AV       | 233.00         | 200         | Horizontal | Pass    |
| 4   | 7458.488        | 54.06            | 74.0           | 19.94       | Peak     | 163.00         | 300         | Horizontal | Pass    |
| 4** | 7458.488        | 45.01            | 54.0           | 9.00        | AV       | 163.00         | 300         | Horizontal | Pass    |
| 5   | 11994.680       | 51.56            | 74.0           | 22.44       | Peak     | 193.00         | 400         | Horizontal | Pass    |
| 5** | 11994.680       | 43.09            | 54.0           | 10.91       | AV       | 193.00         | 400         | Horizontal | Pass    |
| 6   | 15859.436       | 53.56            | 74.0           | 20.44       | Peak     | 186.00         | 300         | Horizontal | Pass    |
| 6** | 15859.436       | 44.70            | 54.0           | 9.30        | AV       | 186.00         | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11n40 CH3

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.137        | 42.10            | 74.0           | 31.90       | Peak     | 128.00         | 200         | Vertical | Pass    |
| 1** | 1328.137        | 32.32            | 54.0           | 21.68       | AV       | 128.00         | 200         | Vertical | Pass    |
| 2   | 2766.350        | 49.15            | 74.0           | 24.85       | Peak     | 174.00         | 400         | Vertical | Pass    |
| 2** | 2766.350        | 40.25            | 54.0           | 13.75       | AV       | 174.00         | 400         | Vertical | Pass    |
| 3   | 4256.633        | 46.72            | 74.0           | 27.28       | Peak     | 59.00          | 200         | Vertical | Pass    |
| 3** | 4256.633        | 37.22            | 54.0           | 16.78       | AV       | 59.00          | 200         | Vertical | Pass    |
| 4   | 7366.851        | 54.49            | 74.0           | 19.52       | Peak     | 21.00          | 300         | Vertical | Pass    |
| 4** | 7366.851        | 44.48            | 54.0           | 9.52        | AV       | 21.00          | 300         | Vertical | Pass    |
| 5   | 11506.060       | 51.52            | 74.0           | 22.48       | Peak     | 191.00         | 100         | Vertical | Pass    |
| 5** | 11506.060       | 41.40            | 54.0           | 12.60       | AV       | 191.00         | 100         | Vertical | Pass    |
| 6   | 15850.779       | 52.63            | 74.0           | 21.37       | Peak     | 49.00          | 200         | Vertical | Pass    |
| 6** | 15850.779       | 44.23            | 54.0           | 9.78        | AV       | 49.00          | 200         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11n40 CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.717        | 41.58            | 74.0           | 32.42       | Peak     | 315.00         | 300         | Horizontal | Pass    |
| 1** | 1331.717        | 32.56            | 54.0           | 21.44       | AV       | 315.00         | 300         | Horizontal | Pass    |
| 2   | 2791.017        | 48.17            | 74.0           | 25.83       | Peak     | 164.00         | 200         | Horizontal | Pass    |
| 2** | 2791.017        | 38.79            | 54.0           | 15.21       | AV       | 164.00         | 200         | Horizontal | Pass    |
| 3   | 4147.208        | 46.12            | 74.0           | 27.88       | Peak     | 22.00          | 200         | Horizontal | Pass    |
| 3** | 4147.208        | 38.27            | 54.0           | 15.73       | AV       | 22.00          | 200         | Horizontal | Pass    |
| 4   | 7457.866        | 52.24            | 74.0           | 21.76       | Peak     | 111.00         | 200         | Horizontal | Pass    |
| 4** | 7457.866        | 44.84            | 54.0           | 9.16        | AV       | 111.00         | 200         | Horizontal | Pass    |
| 5   | 11994.704       | 51.13            | 74.0           | 22.88       | Peak     | 103.00         | 400         | Horizontal | Pass    |
| 5** | 11994.704       | 42.82            | 54.0           | 11.18       | AV       | 103.00         | 400         | Horizontal | Pass    |
| 6   | 15864.306       | 52.24            | 74.0           | 21.76       | Peak     | 259.00         | 200         | Horizontal | Pass    |
| 6** | 15864.306       | 44.76            | 54.0           | 9.24        | AV       | 259.00         | 200         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11n40 CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.392        | 42.22            | 74.0           | 31.78       | Peak     | 8.00           | 300         | Vertical | Pass    |
| 1** | 1328.392        | 32.50            | 54.0           | 21.50       | AV       | 8.00           | 300         | Vertical | Pass    |
| 2   | 2770.905        | 49.66            | 74.0           | 24.34       | Peak     | 5.00           | 300         | Vertical | Pass    |
| 2** | 2770.905        | 39.90            | 54.0           | 14.10       | AV       | 5.00           | 300         | Vertical | Pass    |
| 3   | 4255.977        | 45.76            | 74.0           | 28.24       | Peak     | 195.00         | 200         | Vertical | Pass    |
| 3** | 4255.977        | 36.86            | 54.0           | 17.14       | AV       | 195.00         | 200         | Vertical | Pass    |
| 4   | 7368.433        | 53.55            | 74.0           | 20.46       | Peak     | 139.00         | 400         | Vertical | Pass    |
| 4** | 7368.433        | 44.57            | 54.0           | 9.43        | AV       | 139.00         | 400         | Vertical | Pass    |
| 5   | 11506.322       | 52.17            | 74.0           | 21.83       | Peak     | 80.00          | 200         | Vertical | Pass    |
| 5** | 11506.322       | 40.86            | 54.0           | 13.14       | AV       | 80.00          | 200         | Vertical | Pass    |
| 6   | 15850.896       | 53.21            | 74.0           | 20.79       | Peak     | 35.00          | 400         | Vertical | Pass    |
| 6** | 15850.896       | 43.20            | 54.0           | 10.81       | AV       | 35.00          | 400         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11n40 CH9

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.220        | 41.95            | 74.0           | 32.05       | Peak     | 344.00         | 300         | Horizontal | Pass    |
| 1** | 1333.220        | 33.01            | 54.0           | 20.99       | AV       | 344.00         | 300         | Horizontal | Pass    |
| 2   | 2792.709        | 48.84            | 74.0           | 25.16       | Peak     | 205.00         | 300         | Horizontal | Pass    |
| 2** | 2792.709        | 39.14            | 54.0           | 14.86       | AV       | 205.00         | 300         | Horizontal | Pass    |
| 3   | 4145.247        | 47.16            | 74.0           | 26.84       | Peak     | 247.00         | 200         | Horizontal | Pass    |
| 3** | 4145.247        | 37.91            | 54.0           | 16.09       | AV       | 247.00         | 200         | Horizontal | Pass    |
| 4   | 7458.479        | 53.20            | 74.0           | 20.80       | Peak     | 13.00          | 100         | Horizontal | Pass    |
| 4** | 7458.479        | 44.62            | 54.0           | 9.39        | AV       | 13.00          | 100         | Horizontal | Pass    |
| 5   | 12001.337       | 50.66            | 74.0           | 23.35       | Peak     | 235.00         | 300         | Horizontal | Pass    |
| 5** | 12001.337       | 42.84            | 54.0           | 11.16       | AV       | 235.00         | 300         | Horizontal | Pass    |
| 6   | 15859.967       | 52.70            | 74.0           | 21.30       | Peak     | 50.00          | 300         | Horizontal | Pass    |
| 6** | 15859.967       | 45.13            | 54.0           | 8.87        | AV       | 50.00          | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11n40 CH9

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1324.972        | 42.83            | 74.0           | 31.17       | Peak     | 342.00         | 400         | Vertical | Pass    |
| 1** | 1324.972        | 33.13            | 54.0           | 20.87       | AV       | 342.00         | 400         | Vertical | Pass    |
| 2   | 2769.673        | 49.83            | 74.0           | 24.17       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 2** | 2769.673        | 40.02            | 54.0           | 13.98       | AV       | 360.00         | 300         | Vertical | Pass    |
| 3   | 4250.824        | 46.92            | 74.0           | 27.08       | Peak     | 99.00          | 200         | Vertical | Pass    |
| 3** | 4250.824        | 36.68            | 54.0           | 17.32       | AV       | 99.00          | 200         | Vertical | Pass    |
| 4   | 7364.910        | 54.75            | 74.0           | 19.26       | Peak     | 127.00         | 100         | Vertical | Pass    |
| 4** | 7364.910        | 44.41            | 54.0           | 9.59        | AV       | 127.00         | 100         | Vertical | Pass    |
| 5   | 11506.669       | 52.20            | 74.0           | 21.80       | Peak     | 340.00         | 400         | Vertical | Pass    |
| 5** | 11506.669       | 40.99            | 54.0           | 13.01       | AV       | 340.00         | 400         | Vertical | Pass    |
| 6   | 15850.831       | 53.29            | 74.0           | 20.71       | Peak     | 171.00         | 400         | Vertical | Pass    |
| 6** | 15850.831       | 43.59            | 54.0           | 10.42       | AV       | 171.00         | 400         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax20(SU) CH1

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.730        | 41.67            | 74.0           | 32.33       | Peak     | 176.00         | 200         | Horizontal | Pass    |
| 1** | 1332.730        | 31.96            | 54.0           | 22.04       | AV       | 176.00         | 200         | Horizontal | Pass    |
| 2   | 2791.964        | 47.75            | 74.0           | 26.25       | Peak     | 27.00          | 400         | Horizontal | Pass    |
| 2** | 2791.964        | 38.73            | 54.0           | 15.27       | AV       | 27.00          | 400         | Horizontal | Pass    |
| 3   | 4144.416        | 47.00            | 74.0           | 27.00       | Peak     | 331.00         | 200         | Horizontal | Pass    |
| 3** | 4144.416        | 38.60            | 54.0           | 15.40       | AV       | 331.00         | 200         | Horizontal | Pass    |
| 4   | 7459.728        | 52.28            | 74.0           | 21.72       | Peak     | 271.00         | 200         | Horizontal | Pass    |
| 4** | 7459.728        | 44.07            | 54.0           | 9.94        | AV       | 271.00         | 200         | Horizontal | Pass    |
| 5   | 12001.679       | 51.03            | 74.0           | 22.98       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 5** | 12001.679       | 42.89            | 54.0           | 11.11       | AV       | 0.00           | 200         | Horizontal | Pass    |
| 6   | 15862.032       | 52.72            | 74.0           | 21.28       | Peak     | 244.00         | 100         | Horizontal | Pass    |
| 6** | 15862.032       | 44.66            | 54.0           | 9.34        | AV       | 244.00         | 100         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax20(SU) CH1

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1326.511        | 41.77            | 74.0           | 32.23       | Peak     | 337.00         | 100         | Vertical | Pass    |
| 1** | 1326.511        | 31.74            | 54.0           | 22.26       | AV       | 337.00         | 100         | Vertical | Pass    |
| 2   | 2769.106        | 49.82            | 74.0           | 24.18       | Peak     | 175.00         | 400         | Vertical | Pass    |
| 2** | 2769.106        | 39.62            | 54.0           | 14.38       | AV       | 175.00         | 400         | Vertical | Pass    |
| 3   | 4253.895        | 45.60            | 74.0           | 28.40       | Peak     | 63.00          | 200         | Vertical | Pass    |
| 3** | 4253.895        | 36.81            | 54.0           | 17.19       | AV       | 63.00          | 200         | Vertical | Pass    |
| 4   | 7366.341        | 53.70            | 74.0           | 20.31       | Peak     | 309.00         | 200         | Vertical | Pass    |
| 4** | 7366.341        | 44.50            | 54.0           | 9.50        | AV       | 309.00         | 200         | Vertical | Pass    |
| 5   | 11508.758       | 52.10            | 74.0           | 21.90       | Peak     | 23.00          | 100         | Vertical | Pass    |
| 5** | 11508.758       | 41.73            | 54.0           | 12.27       | AV       | 23.00          | 100         | Vertical | Pass    |
| 6   | 15848.814       | 53.20            | 74.0           | 20.80       | Peak     | 214.00         | 400         | Vertical | Pass    |
| 6** | 15848.814       | 43.52            | 54.0           | 10.49       | AV       | 214.00         | 400         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax20(SU) CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1336.120        | 41.35            | 74.0           | 32.65       | Peak     | 331.00         | 300         | Horizontal | Pass    |
| 1** | 1336.120        | 32.36            | 54.0           | 21.64       | AV       | 331.00         | 300         | Horizontal | Pass    |
| 2   | 2786.389        | 47.85            | 74.0           | 26.15       | Peak     | 205.00         | 400         | Horizontal | Pass    |
| 2** | 2786.389        | 38.25            | 54.0           | 15.75       | AV       | 205.00         | 400         | Horizontal | Pass    |
| 3   | 4149.344        | 46.35            | 74.0           | 27.65       | Peak     | 132.00         | 200         | Horizontal | Pass    |
| 3** | 4149.344        | 37.90            | 54.0           | 16.10       | AV       | 132.00         | 200         | Horizontal | Pass    |
| 4   | 7452.761        | 53.79            | 74.0           | 20.21       | Peak     | 319.00         | 400         | Horizontal | Pass    |
| 4** | 7452.761        | 44.20            | 54.0           | 9.81        | AV       | 319.00         | 400         | Horizontal | Pass    |
| 5   | 11997.581       | 50.24            | 74.0           | 23.77       | Peak     | 228.00         | 200         | Horizontal | Pass    |
| 5** | 11997.581       | 42.24            | 54.0           | 11.76       | AV       | 228.00         | 200         | Horizontal | Pass    |
| 6   | 15866.194       | 52.14            | 74.0           | 21.86       | Peak     | 328.00         | 200         | Horizontal | Pass    |
| 6** | 15866.194       | 45.20            | 54.0           | 8.80        | AV       | 328.00         | 200         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11ax20(SU) CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.252        | 41.95            | 74.0           | 32.05       | Peak     | 245.00         | 300         | Vertical | Pass    |
| 1** | 1332.252        | 32.67            | 54.0           | 21.33       | AV       | 245.00         | 300         | Vertical | Pass    |
| 2   | 2772.638        | 49.06            | 74.0           | 24.94       | Peak     | 213.00         | 200         | Vertical | Pass    |
| 2** | 2772.638        | 39.52            | 54.0           | 14.48       | AV       | 213.00         | 200         | Vertical | Pass    |
| 3   | 4252.949        | 46.15            | 74.0           | 27.85       | Peak     | 28.00          | 200         | Vertical | Pass    |
| 3** | 4252.949        | 36.67            | 54.0           | 17.33       | AV       | 28.00          | 200         | Vertical | Pass    |
| 4   | 7368.553        | 53.73            | 74.0           | 20.28       | Peak     | 91.00          | 400         | Vertical | Pass    |
| 4** | 7368.553        | 44.28            | 54.0           | 9.72        | AV       | 91.00          | 400         | Vertical | Pass    |
| 5   | 11505.928       | 51.82            | 74.0           | 22.18       | Peak     | 121.00         | 300         | Vertical | Pass    |
| 5** | 11505.928       | 41.01            | 54.0           | 12.99       | AV       | 121.00         | 300         | Vertical | Pass    |
| 6   | 15854.455       | 51.99            | 74.0           | 22.01       | Peak     | 119.00         | 100         | Vertical | Pass    |
| 6** | 15854.455       | 43.34            | 54.0           | 10.67       | AV       | 119.00         | 100         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax20(SU) CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1334.453        | 42.35            | 74.0           | 31.65       | Peak     | 46.00          | 400         | Horizontal | Pass    |
| 1** | 1334.453        | 32.37            | 54.0           | 21.63       | AV       | 46.00          | 400         | Horizontal | Pass    |
| 2   | 2792.380        | 48.65            | 74.0           | 25.35       | Peak     | 79.00          | 100         | Horizontal | Pass    |
| 2** | 2792.380        | 39.04            | 54.0           | 14.96       | AV       | 79.00          | 100         | Horizontal | Pass    |
| 3   | 4145.255        | 46.59            | 74.0           | 27.41       | Peak     | 233.00         | 200         | Horizontal | Pass    |
| 3** | 4145.255        | 38.32            | 54.0           | 15.68       | AV       | 233.00         | 200         | Horizontal | Pass    |
| 4   | 7457.490        | 53.83            | 74.0           | 20.17       | Peak     | 80.00          | 300         | Horizontal | Pass    |
| 4** | 7457.490        | 44.43            | 54.0           | 9.58        | AV       | 80.00          | 300         | Horizontal | Pass    |
| 5   | 11997.466       | 50.70            | 74.0           | 23.31       | Peak     | 81.00          | 300         | Horizontal | Pass    |
| 5** | 11997.466       | 42.67            | 54.0           | 11.33       | AV       | 81.00          | 300         | Horizontal | Pass    |
| 6   | 15862.502       | 52.78            | 74.0           | 21.22       | Peak     | 26.00          | 400         | Horizontal | Pass    |
| 6** | 15862.502       | 44.72            | 54.0           | 9.28        | AV       | 26.00          | 400         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11ax20(SU) CH11

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.158        | 42.42            | 74.0           | 31.58       | Peak     | 175.00         | 300         | Vertical | Pass    |
| 1** | 1327.158        | 33.02            | 54.0           | 20.98       | AV       | 175.00         | 300         | Vertical | Pass    |
| 2   | 2772.558        | 49.36            | 74.0           | 24.64       | Peak     | 349.00         | 200         | Vertical | Pass    |
| 2** | 2772.558        | 40.01            | 54.0           | 13.99       | AV       | 349.00         | 200         | Vertical | Pass    |
| 3   | 4253.608        | 46.48            | 74.0           | 27.52       | Peak     | 209.00         | 200         | Vertical | Pass    |
| 3** | 4253.608        | 37.42            | 54.0           | 16.58       | AV       | 209.00         | 200         | Vertical | Pass    |
| 4   | 7368.114        | 54.12            | 74.0           | 19.89       | Peak     | 345.00         | 300         | Vertical | Pass    |
| 4** | 7368.114        | 44.42            | 54.0           | 9.58        | AV       | 345.00         | 300         | Vertical | Pass    |
| 5   | 11508.778       | 51.62            | 74.0           | 22.38       | Peak     | 87.00          | 400         | Vertical | Pass    |
| 5** | 11508.778       | 40.88            | 54.0           | 13.12       | AV       | 87.00          | 400         | Vertical | Pass    |
| 6   | 15853.346       | 52.88            | 74.0           | 21.12       | Peak     | 91.00          | 100         | Vertical | Pass    |
| 6** | 15853.346       | 43.86            | 54.0           | 10.15       | AV       | 91.00          | 100         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax40(SU) CH3

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.226        | 42.46            | 74.0           | 31.54       | Peak     | 201.00         | 400         | Horizontal | Pass    |
| 1** | 1332.226        | 32.38            | 54.0           | 21.62       | AV       | 201.00         | 400         | Horizontal | Pass    |
| 2   | 2788.292        | 48.57            | 74.0           | 25.43       | Peak     | 295.00         | 400         | Horizontal | Pass    |
| 2** | 2788.292        | 39.10            | 54.0           | 14.90       | AV       | 295.00         | 400         | Horizontal | Pass    |
| 3   | 4145.633        | 46.42            | 74.0           | 27.58       | Peak     | 106.00         | 200         | Horizontal | Pass    |
| 3** | 4145.633        | 38.46            | 54.0           | 15.54       | AV       | 106.00         | 200         | Horizontal | Pass    |
| 4   | 7452.983        | 53.38            | 74.0           | 20.62       | Peak     | 111.00         | 200         | Horizontal | Pass    |
| 4** | 7452.983        | 44.49            | 54.0           | 9.52        | AV       | 111.00         | 200         | Horizontal | Pass    |
| 5   | 11995.317       | 51.02            | 74.0           | 22.99       | Peak     | 358.00         | 400         | Horizontal | Pass    |
| 5** | 11995.317       | 42.17            | 54.0           | 11.83       | AV       | 358.00         | 400         | Horizontal | Pass    |
| 6   | 15859.922       | 53.49            | 74.0           | 20.51       | Peak     | 75.00          | 300         | Horizontal | Pass    |
| 6** | 15859.922       | 44.58            | 54.0           | 9.42        | AV       | 75.00          | 300         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax40(SU) CH3

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1326.297        | 42.52            | 74.0           | 31.48       | Peak     | 90.00          | 100         | Vertical | Pass    |
| 1** | 1326.297        | 32.58            | 54.0           | 21.42       | AV       | 90.00          | 100         | Vertical | Pass    |
| 2   | 2765.766        | 49.97            | 74.0           | 24.03       | Peak     | 198.00         | 400         | Vertical | Pass    |
| 2** | 2765.766        | 40.37            | 54.0           | 13.63       | AV       | 198.00         | 400         | Vertical | Pass    |
| 3   | 4252.686        | 46.38            | 74.0           | 27.62       | Peak     | 285.00         | 200         | Vertical | Pass    |
| 3** | 4252.686        | 36.65            | 54.0           | 17.35       | AV       | 285.00         | 200         | Vertical | Pass    |
| 4   | 7370.749        | 55.00            | 74.0           | 19.01       | Peak     | 1.00           | 300         | Vertical | Pass    |
| 4** | 7370.749        | 44.84            | 54.0           | 9.16        | AV       | 1.00           | 300         | Vertical | Pass    |
| 5   | 11507.349       | 51.62            | 74.0           | 22.38       | Peak     | 286.00         | 200         | Vertical | Pass    |
| 5** | 11507.349       | 41.04            | 54.0           | 12.96       | AV       | 286.00         | 200         | Vertical | Pass    |
| 6   | 15854.357       | 53.16            | 74.0           | 20.84       | Peak     | 68.00          | 300         | Vertical | Pass    |
| 6** | 15854.357       | 44.23            | 54.0           | 9.78        | AV       | 68.00          | 300         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax40(SU) CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.474        | 41.04            | 74.0           | 32.96       | Peak     | 229.00         | 100         | Horizontal | Pass    |
| 1** | 1331.474        | 31.69            | 54.0           | 22.31       | AV       | 229.00         | 100         | Horizontal | Pass    |
| 2   | 2791.985        | 48.06            | 74.0           | 25.94       | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 2** | 2791.985        | 38.94            | 54.0           | 15.06       | AV       | 341.00         | 200         | Horizontal | Pass    |
| 3   | 4151.857        | 46.64            | 74.0           | 27.36       | Peak     | 72.00          | 200         | Horizontal | Pass    |
| 3** | 4151.857        | 38.00            | 54.0           | 16.00       | AV       | 72.00          | 200         | Horizontal | Pass    |
| 4   | 7454.579        | 52.35            | 74.0           | 21.65       | Peak     | 59.00          | 100         | Horizontal | Pass    |
| 4** | 7454.579        | 44.40            | 54.0           | 9.61        | AV       | 59.00          | 100         | Horizontal | Pass    |
| 5   | 11999.664       | 50.48            | 74.0           | 23.53       | Peak     | 314.00         | 400         | Horizontal | Pass    |
| 5** | 11999.664       | 42.85            | 54.0           | 11.15       | AV       | 314.00         | 400         | Horizontal | Pass    |
| 6   | 15861.413       | 52.67            | 74.0           | 21.33       | Peak     | 126.00         | 200         | Horizontal | Pass    |
| 6** | 15861.413       | 44.31            | 54.0           | 9.69        | AV       | 126.00         | 200         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11ax40(SU) CH6

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.030        | 41.53            | 74.0           | 32.47       | Peak     | 44.00          | 100         | Vertical | Pass    |
| 1** | 1332.030        | 32.08            | 54.0           | 21.92       | AV       | 44.00          | 100         | Vertical | Pass    |
| 2   | 2773.147        | 49.33            | 74.0           | 24.67       | Peak     | 187.00         | 200         | Vertical | Pass    |
| 2** | 2773.147        | 39.95            | 54.0           | 14.05       | AV       | 187.00         | 200         | Vertical | Pass    |
| 3   | 4252.419        | 45.80            | 74.0           | 28.20       | Peak     | 264.00         | 200         | Vertical | Pass    |
| 3** | 4252.419        | 36.66            | 54.0           | 17.34       | AV       | 264.00         | 200         | Vertical | Pass    |
| 4   | 7365.622        | 53.86            | 74.0           | 20.15       | Peak     | 101.00         | 400         | Vertical | Pass    |
| 4** | 7365.622        | 44.37            | 54.0           | 9.63        | AV       | 101.00         | 400         | Vertical | Pass    |
| 5   | 11506.172       | 52.06            | 74.0           | 21.94       | Peak     | 303.00         | 300         | Vertical | Pass    |
| 5** | 11506.172       | 41.57            | 54.0           | 12.43       | AV       | 303.00         | 300         | Vertical | Pass    |
| 6   | 15846.988       | 52.62            | 74.0           | 21.38       | Peak     | 211.00         | 400         | Vertical | Pass    |
| 6** | 15846.988       | 43.09            | 54.0           | 10.92       | AV       | 211.00         | 400         | Vertical | Pass    |

## 1 GHz to 18 GHz, ANT H 802.11ax40(SU) CH9

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.652        | 40.77            | 74.0           | 33.23       | Peak     | 219.00         | 200         | Horizontal | Pass    |
| 1** | 1330.652        | 32.24            | 54.0           | 21.76       | AV       | 219.00         | 200         | Horizontal | Pass    |
| 2   | 2793.113        | 48.32            | 74.0           | 25.68       | Peak     | 270.00         | 100         | Horizontal | Pass    |
| 2** | 2793.113        | 38.68            | 54.0           | 15.32       | AV       | 270.00         | 100         | Horizontal | Pass    |
| 3   | 4144.041        | 46.10            | 74.0           | 27.90       | Peak     | 199.00         | 200         | Horizontal | Pass    |
| 3** | 4144.041        | 37.60            | 54.0           | 16.40       | AV       | 199.00         | 200         | Horizontal | Pass    |
| 4   | 7453.141        | 53.04            | 74.0           | 20.96       | Peak     | 331.00         | 400         | Horizontal | Pass    |
| 4** | 7453.141        | 43.69            | 54.0           | 10.32       | AV       | 331.00         | 400         | Horizontal | Pass    |
| 5   | 11996.310       | 49.94            | 74.0           | 24.07       | Peak     | 335.00         | 100         | Horizontal | Pass    |
| 5** | 11996.310       | 41.88            | 54.0           | 12.12       | AV       | 335.00         | 100         | Horizontal | Pass    |
| 6   | 15864.766       | 52.14            | 74.0           | 21.86       | Peak     | 334.00         | 400         | Horizontal | Pass    |
| 6** | 15864.766       | 45.06            | 54.0           | 8.94        | AV       | 334.00         | 400         | Horizontal | Pass    |

## 1 GHz to 18 GHz, ANT V 802.11ax40(SU) CH9

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.980        | 42.49            | 74.0           | 31.51       | Peak     | 348.00         | 200         | Vertical | Pass    |
| 1** | 1327.980        | 32.44            | 54.0           | 21.56       | AV       | 348.00         | 200         | Vertical | Pass    |
| 2   | 2768.253        | 48.78            | 74.0           | 25.22       | Peak     | 315.00         | 100         | Vertical | Pass    |
| 2** | 2768.253        | 39.61            | 54.0           | 14.39       | AV       | 315.00         | 100         | Vertical | Pass    |
| 3   | 4256.384        | 45.67            | 74.0           | 28.33       | Peak     | 351.00         | 200         | Vertical | Pass    |
| 3** | 4256.384        | 36.76            | 54.0           | 17.24       | AV       | 351.00         | 200         | Vertical | Pass    |
| 4   | 7364.628        | 53.85            | 74.0           | 20.16       | Peak     | 104.00         | 300         | Vertical | Pass    |
| 4** | 7364.628        | 43.80            | 54.0           | 10.20       | AV       | 104.00         | 300         | Vertical | Pass    |
| 5   | 11508.766       | 52.27            | 74.0           | 21.73       | Peak     | 104.00         | 300         | Vertical | Pass    |
| 5** | 11508.766       | 40.67            | 54.0           | 13.33       | AV       | 104.00         | 300         | Vertical | Pass    |
| 6   | 15850.648       | 52.52            | 74.0           | 21.48       | Peak     | 210.00         | 400         | Vertical | Pass    |
| 6** | 15850.648       | 43.34            | 54.0           | 10.67       | AV       | 210.00         | 400         | Vertical | Pass    |

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

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

Note <sup>2</sup>: 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 <sup>3</sup>: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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 <sup>4</sup>: All the configurations were pre tested, only the worst configuration has been reported in this report.

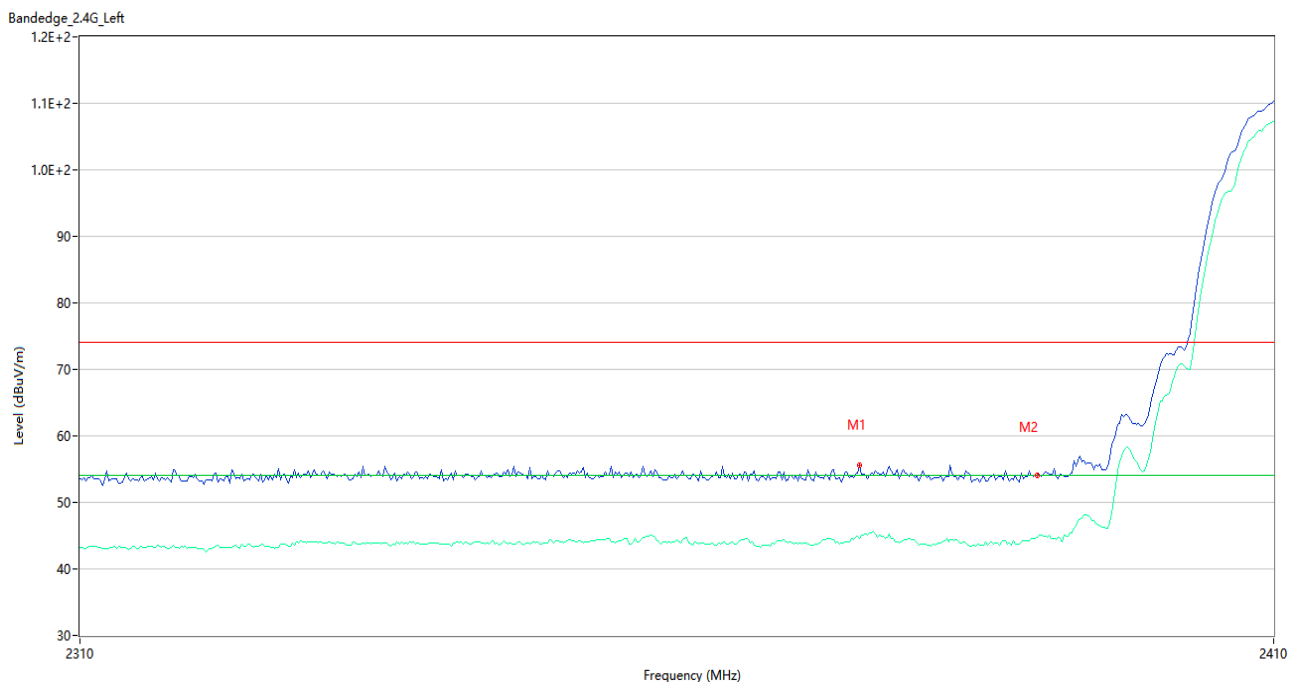
Note <sup>5</sup>: All antenna were pre tested, but only the worst case has been reported in this report.

Note <sup>6</sup>: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

### MIMO

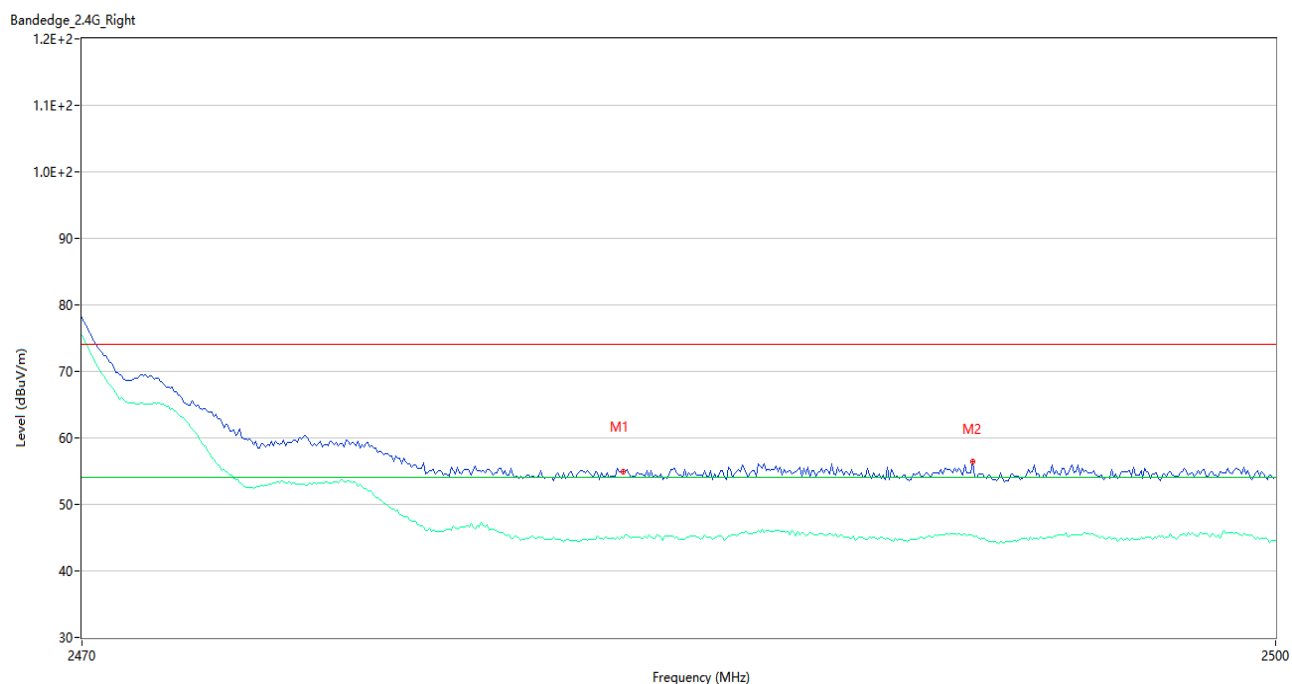
#### Test Data and Plots

##### 802.11b CH1



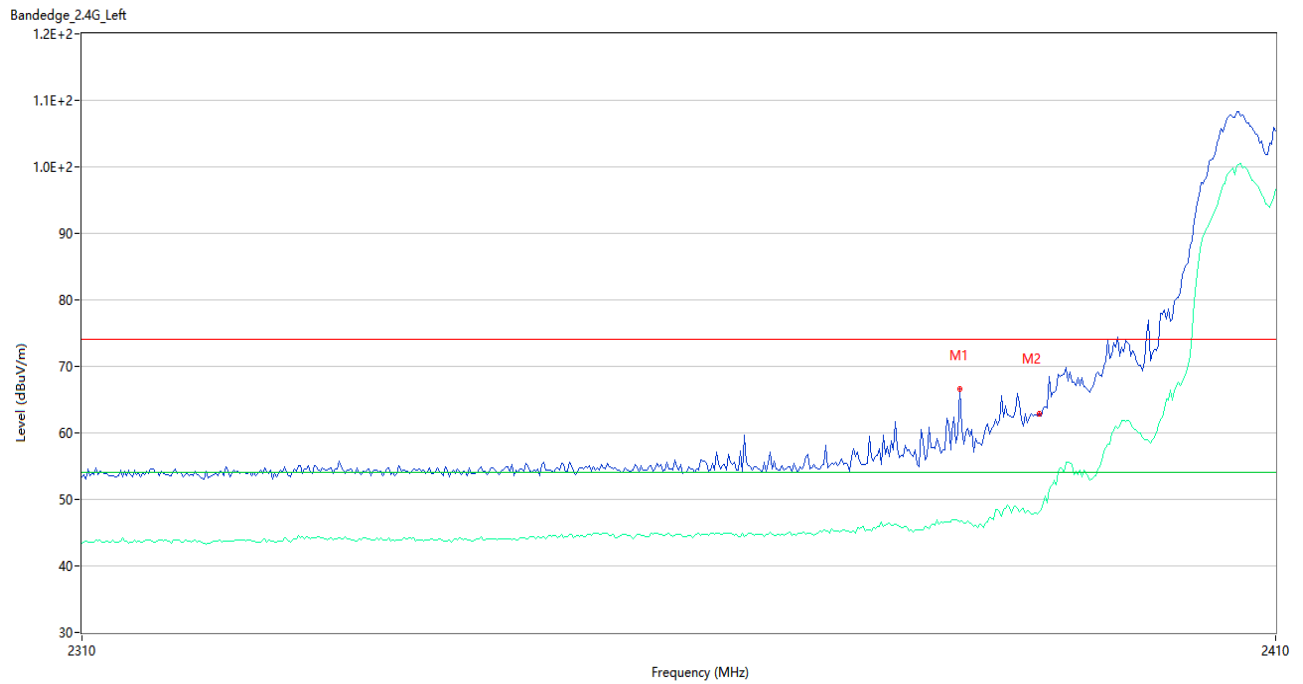
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2374.833        | 55.66            | 74.0           | 18.34       | Peak     | 252.00         | 200         | Vertical | Pass    |
| 1** | 2374.833        | 44.65            | 54.0           | 9.35        | AV       | 252.00         | 200         | Vertical | Pass    |
| 2   | 2389.833        | 53.99            | 74.0           | 20.01       | Peak     | 247.00         | 100         | Vertical | Pass    |
| 2** | 2389.833        | 44.79            | 54.0           | 9.21        | AV       | 247.00         | 100         | Vertical | Pass    |

## 802.11b CH11



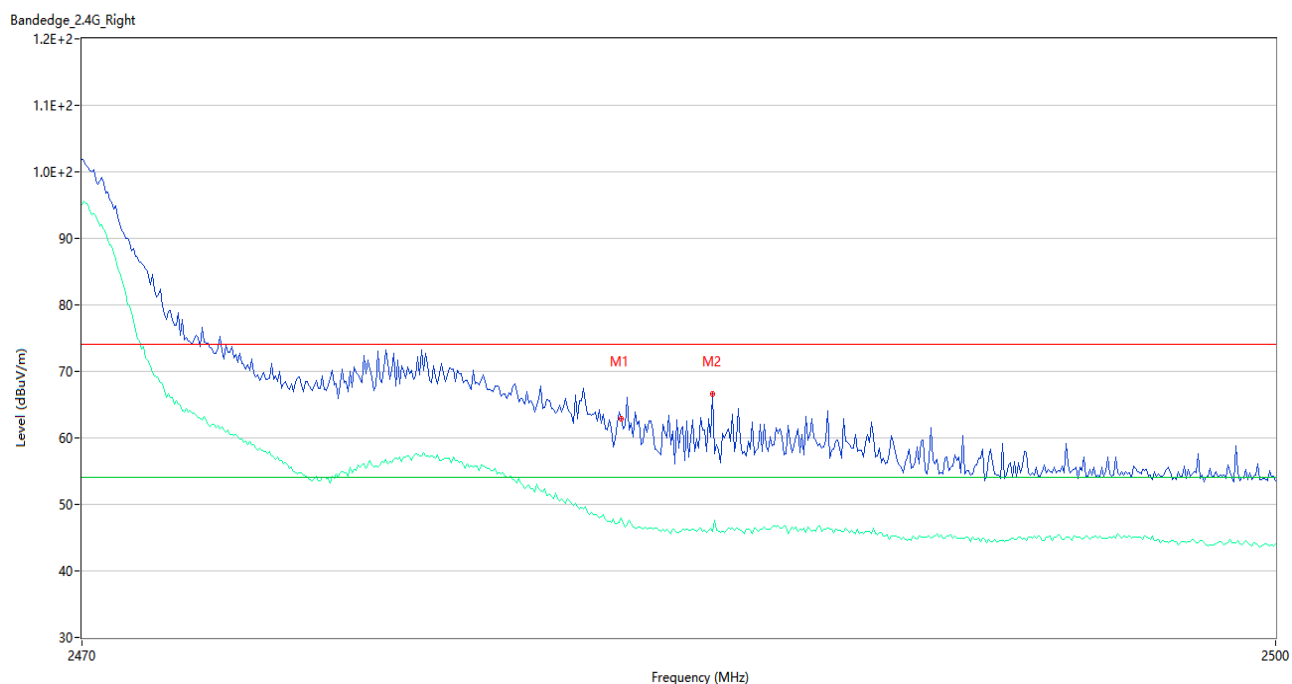
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.550        | 54.95            | 74.0           | 19.05       | Peak     | 211.00         | 100         | Vertical | Pass    |
| 1** | 2483.550        | 44.94            | 54.0           | 9.06        | AV       | 211.00         | 100         | Vertical | Pass    |
| 2   | 2492.350        | 56.36            | 74.0           | 17.64       | Peak     | 211.00         | 200         | Vertical | Pass    |
| 2** | 2492.350        | 45.23            | 54.0           | 8.77        | AV       | 211.00         | 200         | Vertical | Pass    |

## 802.11g CH1



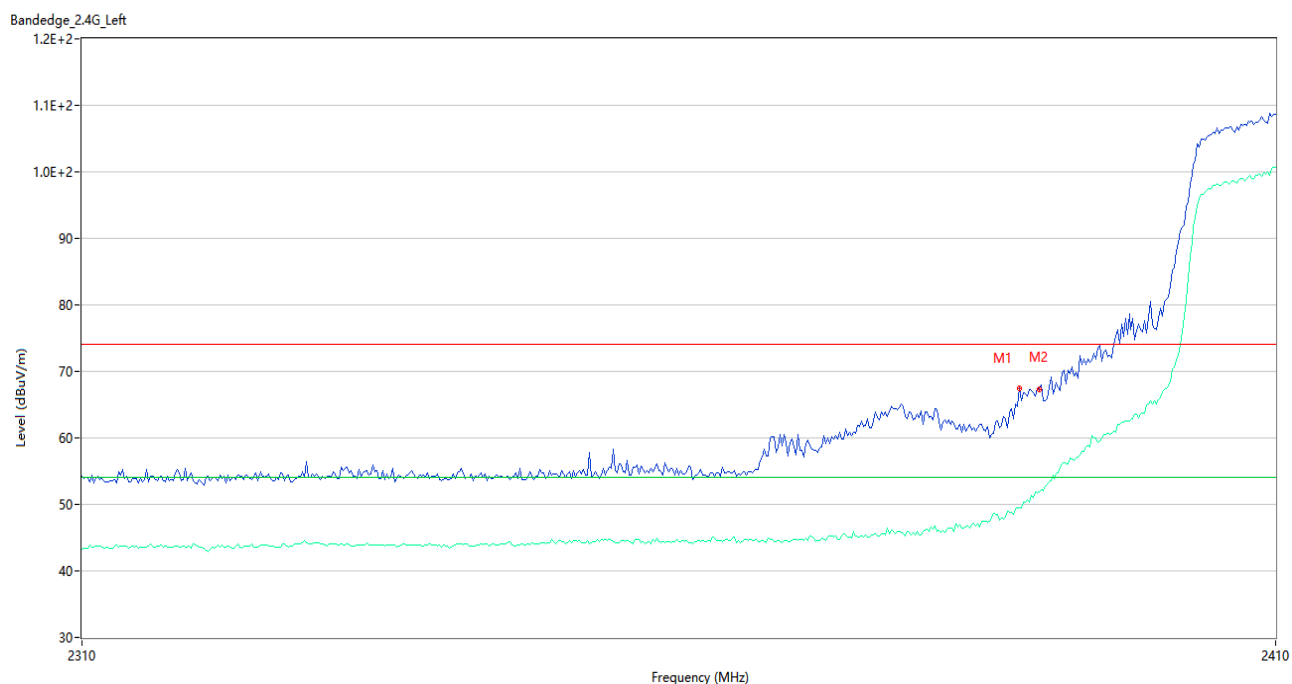
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2383.167        | 66.62            | 74.0           | 7.38        | Peak     | 174.00         | 150         | Vertical | Pass    |
| 1** | 2383.167        | 46.61            | 54.0           | 7.39        | AV       | 174.00         | 150         | Vertical | Pass    |
| 2   | 2389.833        | 62.91            | 74.0           | 11.09       | Peak     | 174.00         | 100         | Vertical | Pass    |
| 2** | 2389.833        | 48.16            | 54.0           | 5.84        | AV       | 174.00         | 100         | Vertical | Pass    |

## 802.11g CH11



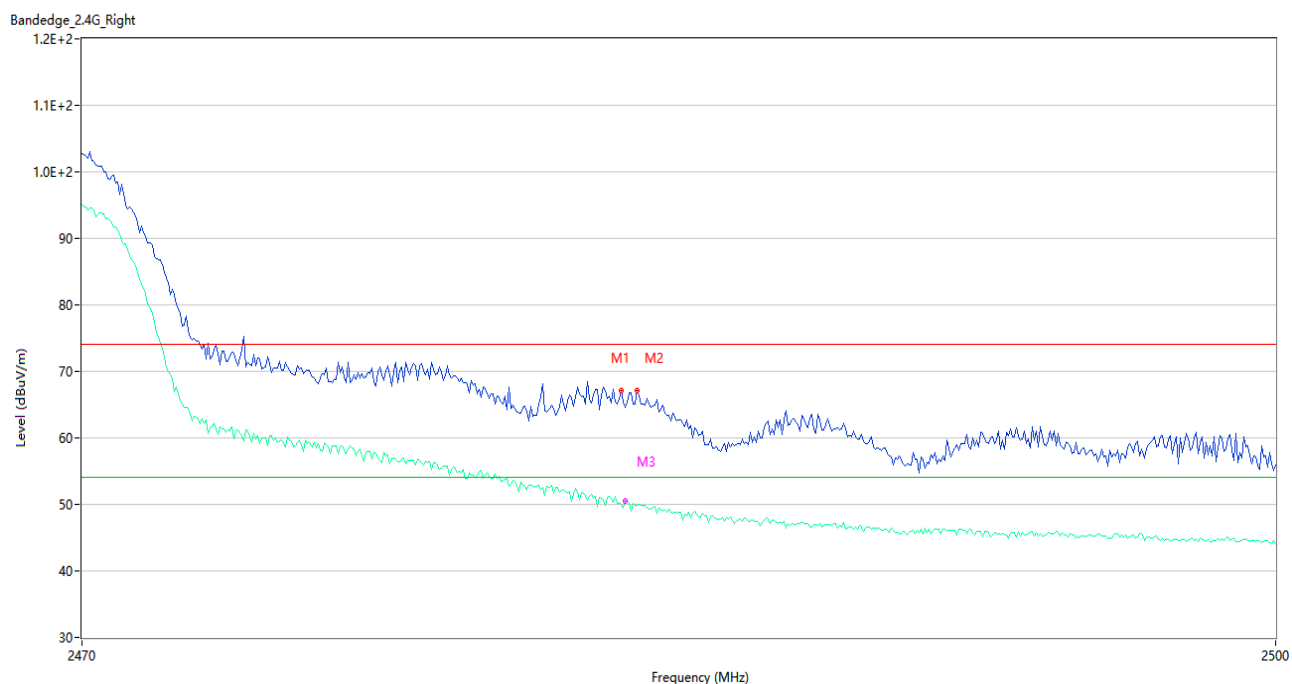
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.500        | 62.81            | 74.0           | 11.19       | Peak     | 205.00         | 100         | Vertical | Pass    |
| 1** | 2483.500        | 47.95            | 54.0           | 6.05        | AV       | 205.00         | 100         | Vertical | Pass    |
| 2   | 2485.800        | 66.57            | 74.0           | 7.43        | Peak     | 208.00         | 150         | Vertical | Pass    |
| 2** | 2485.800        | 46.00            | 54.0           | 8.00        | AV       | 208.00         | 150         | Vertical | Pass    |

## 802.11n20 CH1



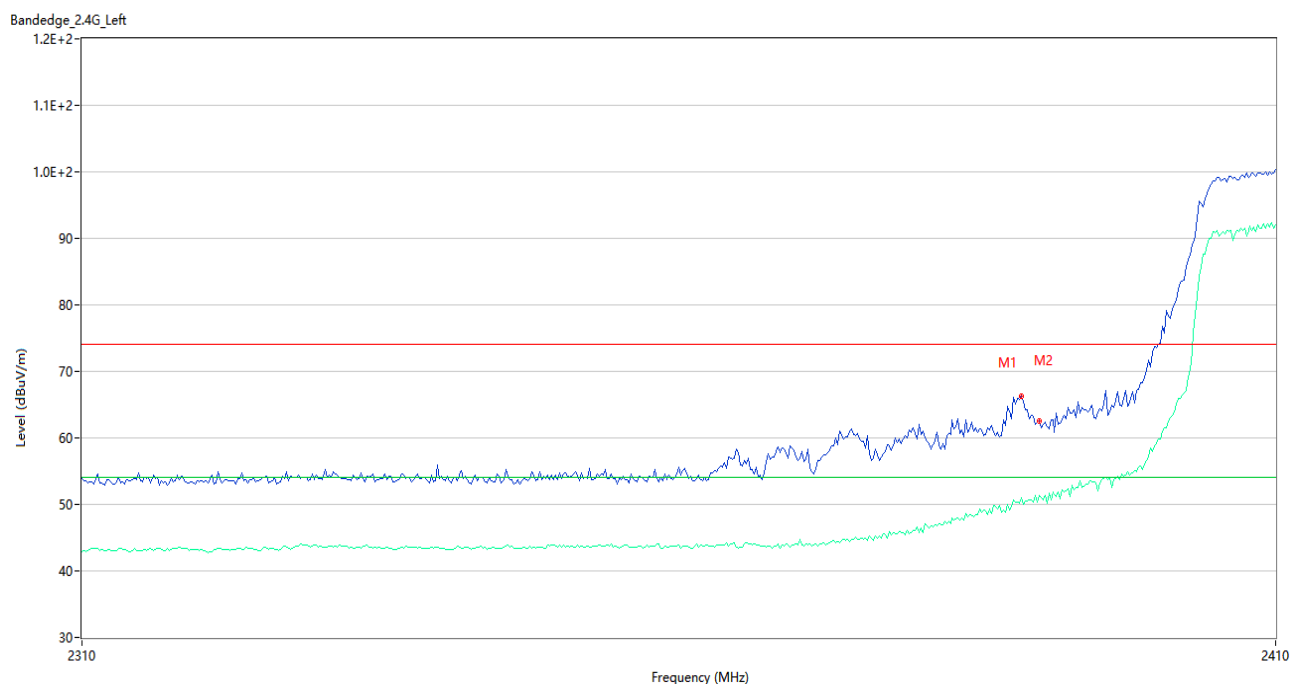
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2388.167        | 67.43            | 74.0           | 6.57        | Peak     | 201.00         | 200         | Vertical | Pass    |
| 1** | 2388.167        | 49.43            | 54.0           | 4.57        | AV       | 201.00         | 200         | Vertical | Pass    |
| 2   | 2389.833        | 67.26            | 74.0           | 6.74        | Peak     | 171.00         | 100         | Vertical | Pass    |
| 2** | 2389.833        | 51.84            | 54.0           | 2.16        | AV       | 171.00         | 100         | Vertical | Pass    |

## 802.11n20 CH11



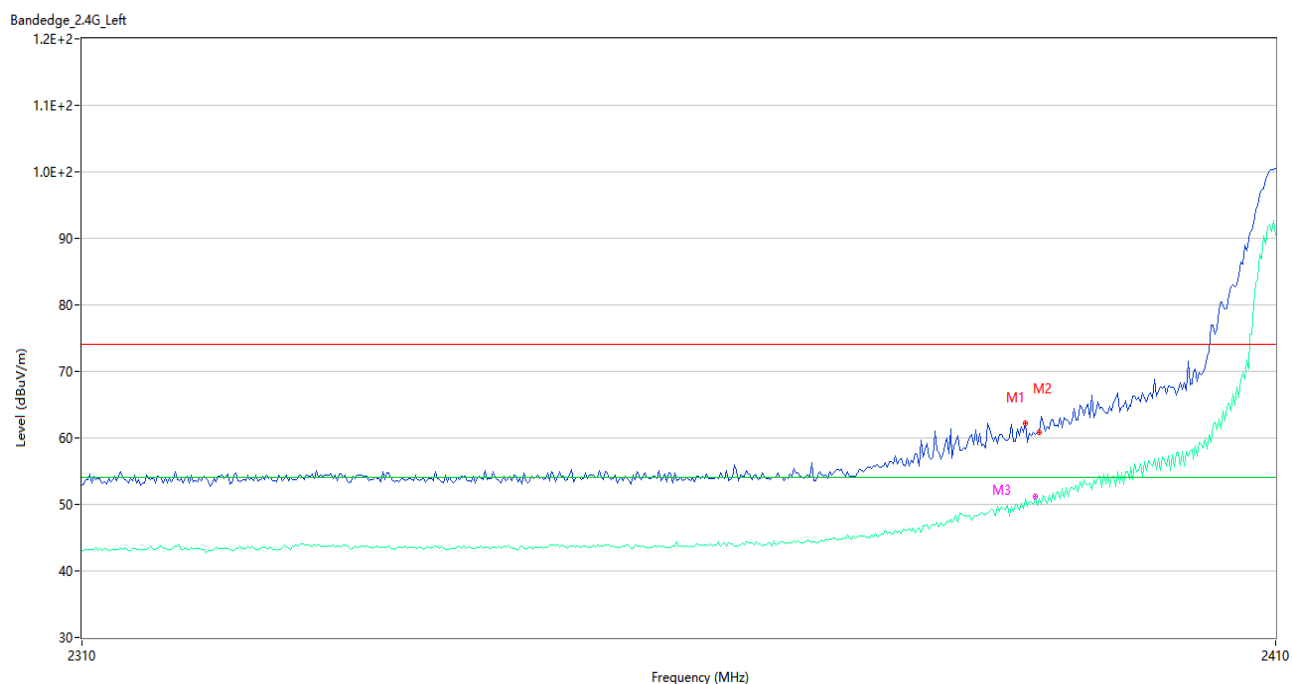
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.500        | 67.12            | 74.0           | 6.88        | Peak     | 205.00         | 200         | Vertical | Pass    |
| 1** | 2483.500        | 50.08            | 54.0           | 3.92        | AV       | 205.00         | 200         | Vertical | Pass    |
| 2   | 2483.900        | 67.04            | 74.0           | 6.96        | Peak     | 205.00         | 100         | Vertical | Pass    |
| 2** | 2483.900        | 49.88            | 54.0           | 4.12        | AV       | 205.00         | 100         | Vertical | Pass    |
| 3   | 2483.600        | 64.57            | 74.0           | 9.43        | Peak     | 172.00         | 150         | Vertical | Pass    |
| 3** | 2483.600        | 50.53            | 54.0           | 3.47        | AV       | 172.00         | 150         | Vertical | Pass    |

## 802.11n40 CH3



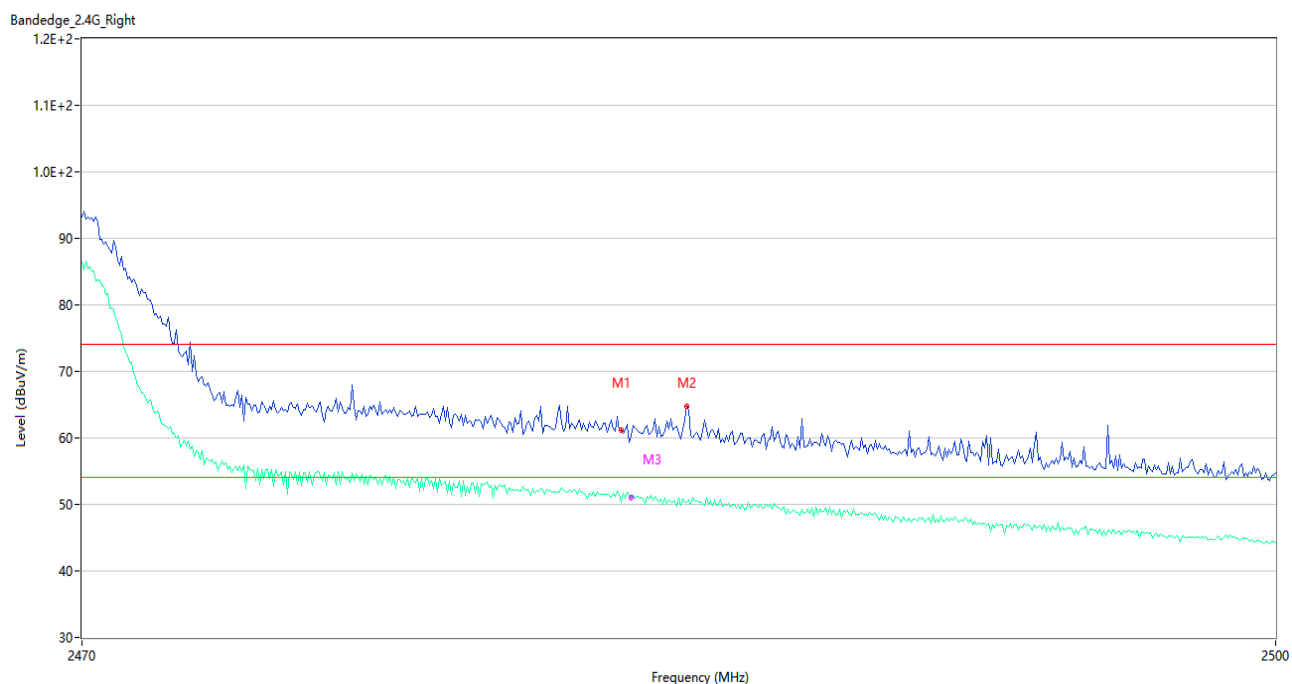
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2388.333        | 66.28            | 74.0           | 7.72        | Peak     | 205.00         | 150         | Vertical | Pass    |
| 1** | 2388.333        | 51.00            | 54.0           | 3.00        | AV       | 205.00         | 150         | Vertical | Pass    |
| 2   | 2389.833        | 62.57            | 74.0           | 11.43       | Peak     | 264.00         | 100         | Vertical | Pass    |
| 2** | 2389.833        | 51.30            | 54.0           | 2.70        | AV       | 264.00         | 100         | Vertical | Pass    |

## 802.11n40 CH4



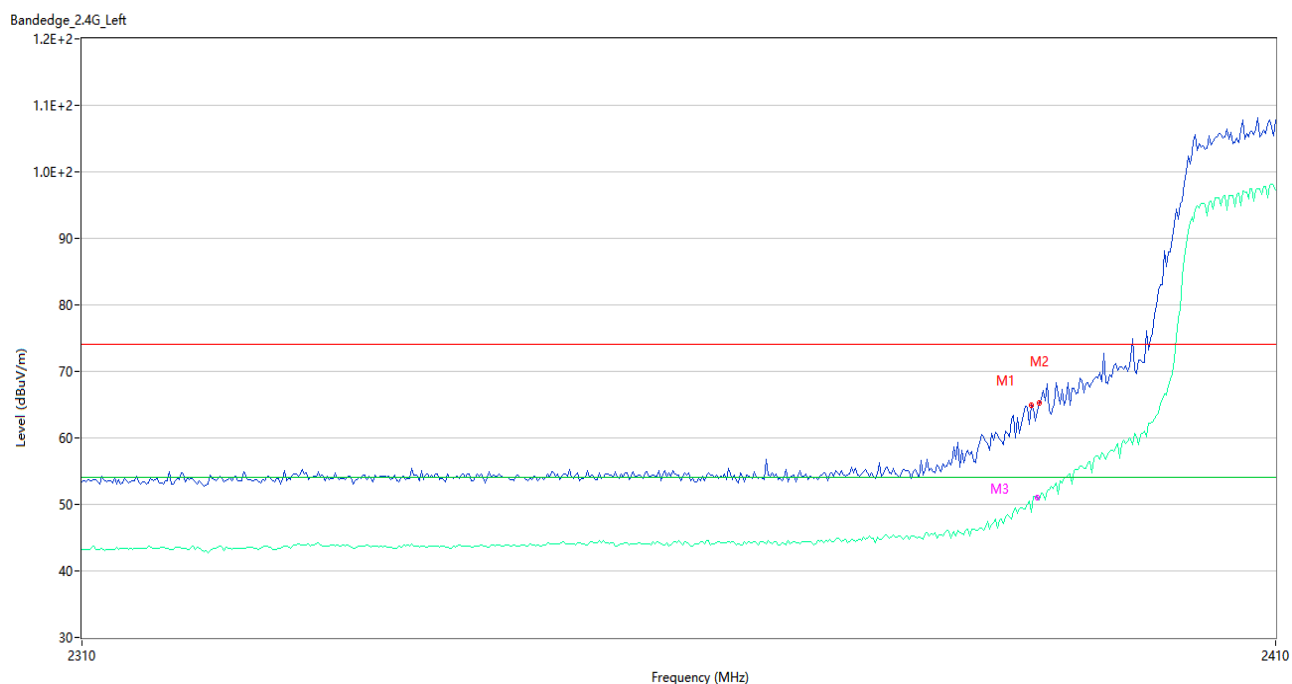
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2388.667        | 62.28            | 74.0           | 11.72       | Peak     | 203.00         | 200         | Vertical | Pass    |
| 1** | 2388.667        | 50.85            | 54.0           | 3.15        | AV       | 203.00         | 200         | Vertical | Pass    |
| 2   | 2389.833        | 60.78            | 74.0           | 13.22       | Peak     | 206.00         | 150         | Vertical | Pass    |
| 2** | 2389.833        | 50.89            | 54.0           | 3.11        | AV       | 206.00         | 150         | Vertical | Pass    |
| 3   | 2389.500        | 60.44            | 74.0           | 13.56       | Peak     | 157.00         | 150         | Vertical | Pass    |
| 3** | 2389.500        | 51.14            | 54.0           | 2.86        | AV       | 157.00         | 150         | Vertical | Pass    |

## 802.11n40 CH9



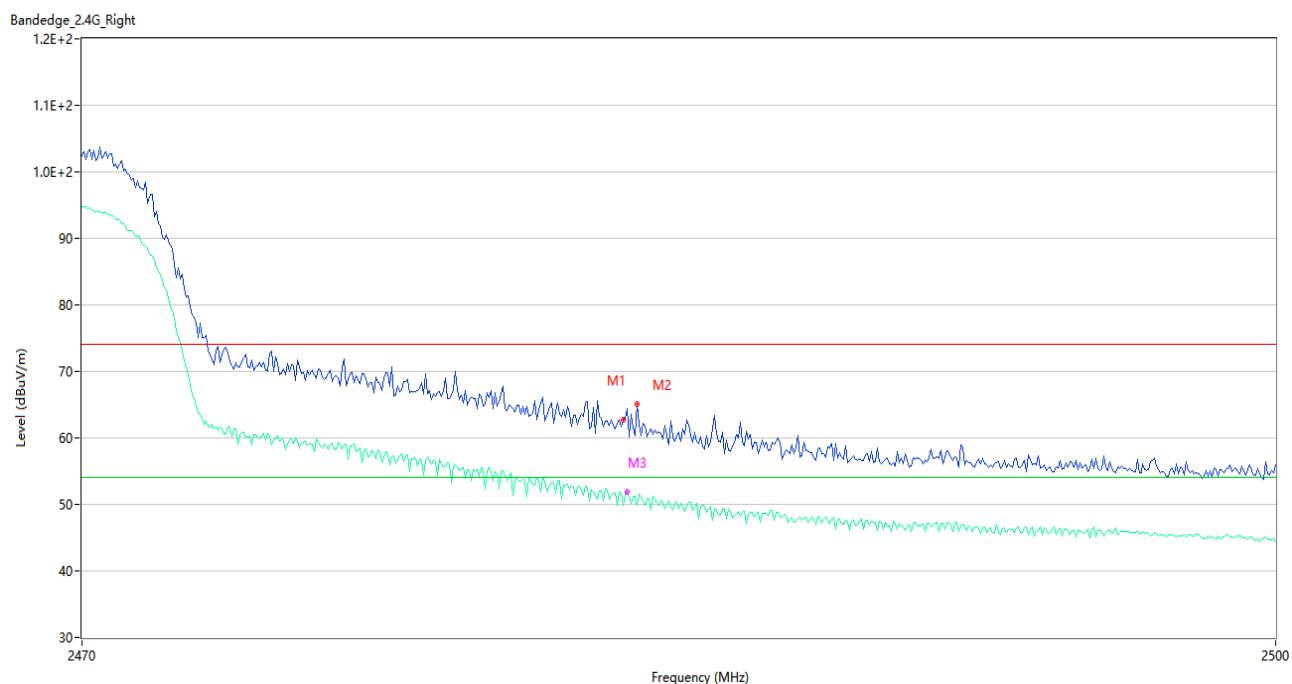
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.500        | 61.26            | 74.0           | 12.74       | Peak     | 208.00         | 100         | Vertical | Pass    |
| 1** | 2483.500        | 50.39            | 54.0           | 3.61        | AV       | 208.00         | 100         | Vertical | Pass    |
| 2   | 2485.150        | 64.75            | 74.0           | 9.25        | Peak     | 205.00         | 100         | Vertical | Pass    |
| 2** | 2485.150        | 50.41            | 54.0           | 3.59        | AV       | 205.00         | 100         | Vertical | Pass    |
| 3   | 2483.750        | 60.30            | 74.0           | 13.70       | Peak     | 208.00         | 150         | Vertical | Pass    |
| 3** | 2483.750        | 51.01            | 54.0           | 2.99        | AV       | 208.00         | 150         | Vertical | Pass    |

## 802.11ax20(SU) CH1



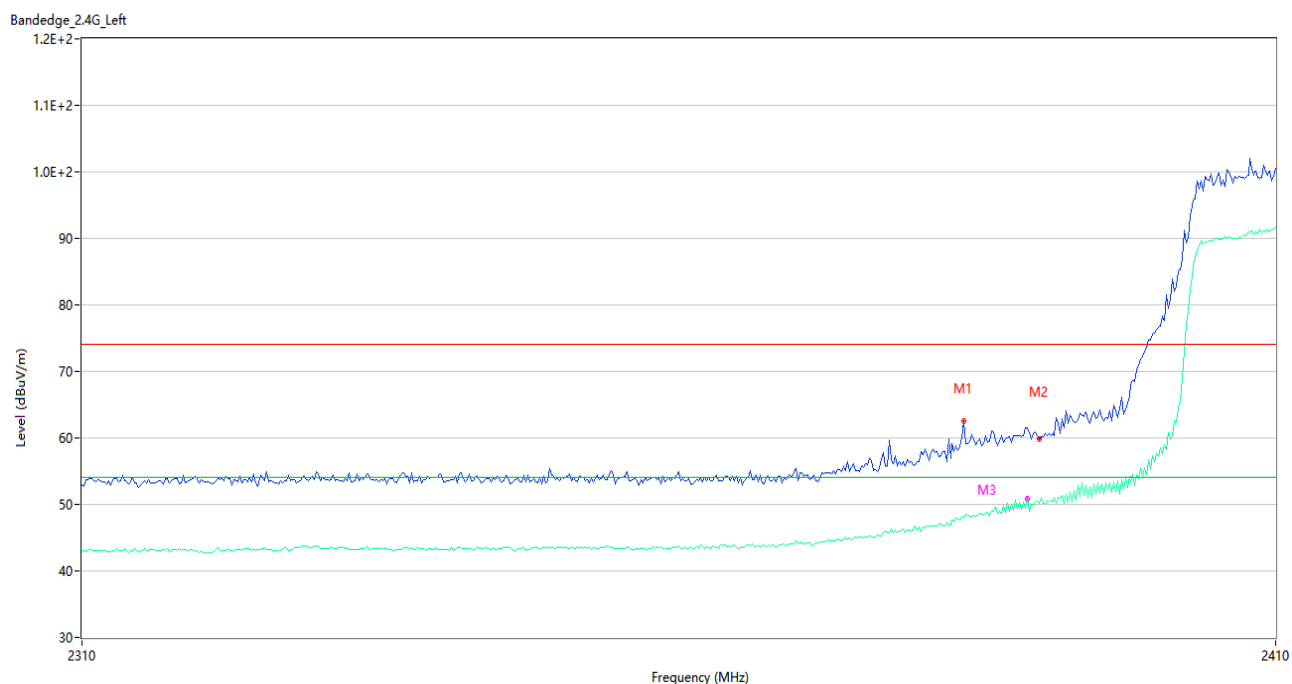
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2389.167        | 64.89            | 74.0           | 9.11        | Peak     | 238.00         | 150         | Vertical | Pass    |
| 1** | 2389.167        | 48.81            | 54.0           | 5.19        | AV       | 238.00         | 150         | Vertical | Pass    |
| 2   | 2389.833        | 65.24            | 74.0           | 8.76        | Peak     | 205.00         | 200         | Vertical | Pass    |
| 2** | 2389.833        | 50.61            | 54.0           | 3.39        | AV       | 205.00         | 200         | Vertical | Pass    |
| 3   | 2389.667        | 63.98            | 74.0           | 10.02       | Peak     | 224.00         | 150         | Vertical | Pass    |
| 3** | 2389.667        | 50.98            | 54.0           | 3.02        | AV       | 224.00         | 150         | Vertical | Pass    |

## 802.11ax20(SU) CH11



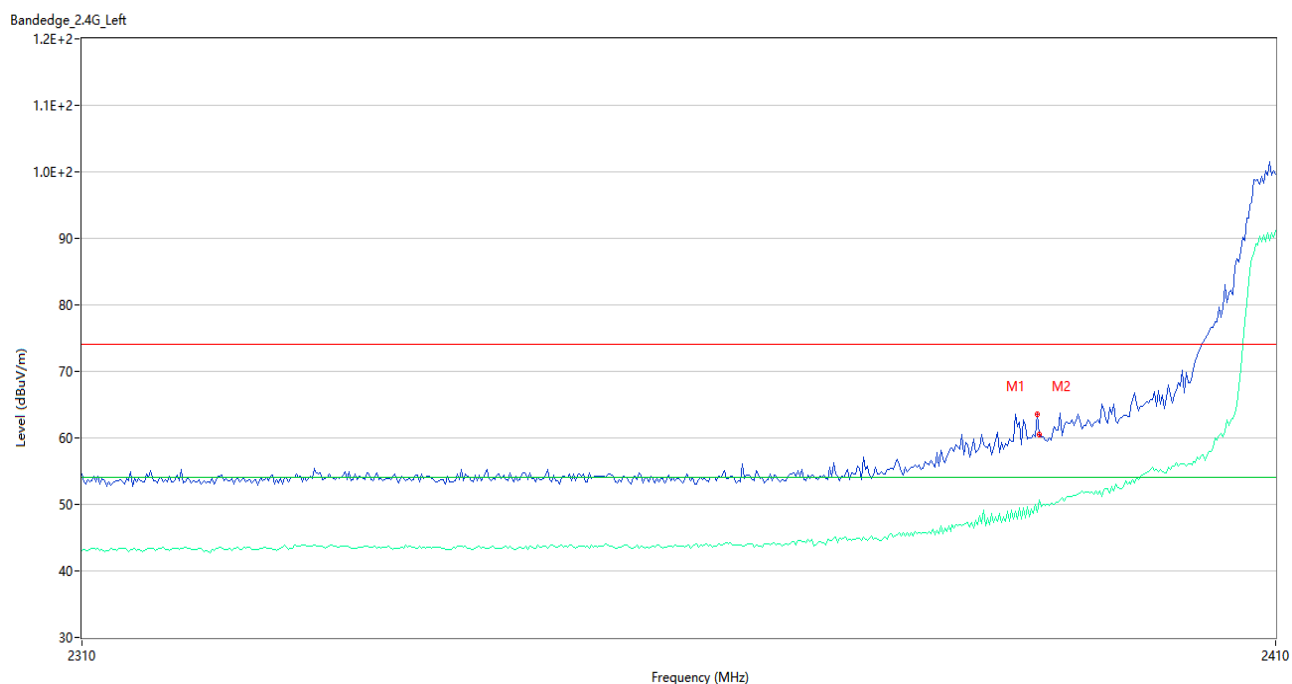
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.550        | 62.67            | 74.0           | 11.33       | Peak     | 207.00         | 200         | Vertical | Pass    |
| 1** | 2483.550        | 49.86            | 54.0           | 4.14        | AV       | 207.00         | 200         | Vertical | Pass    |
| 2   | 2483.900        | 65.14            | 74.0           | 8.86        | Peak     | 207.00         | 200         | Vertical | Pass    |
| 2** | 2483.900        | 49.86            | 54.0           | 4.14        | AV       | 207.00         | 200         | Vertical | Pass    |
| 3   | 2483.650        | 64.49            | 74.0           | 9.51        | Peak     | 207.00         | 150         | Vertical | Pass    |
| 3** | 2483.650        | 51.89            | 54.0           | 2.11        | AV       | 207.00         | 150         | Vertical | Pass    |

## 802.11ax40(SU) CH3



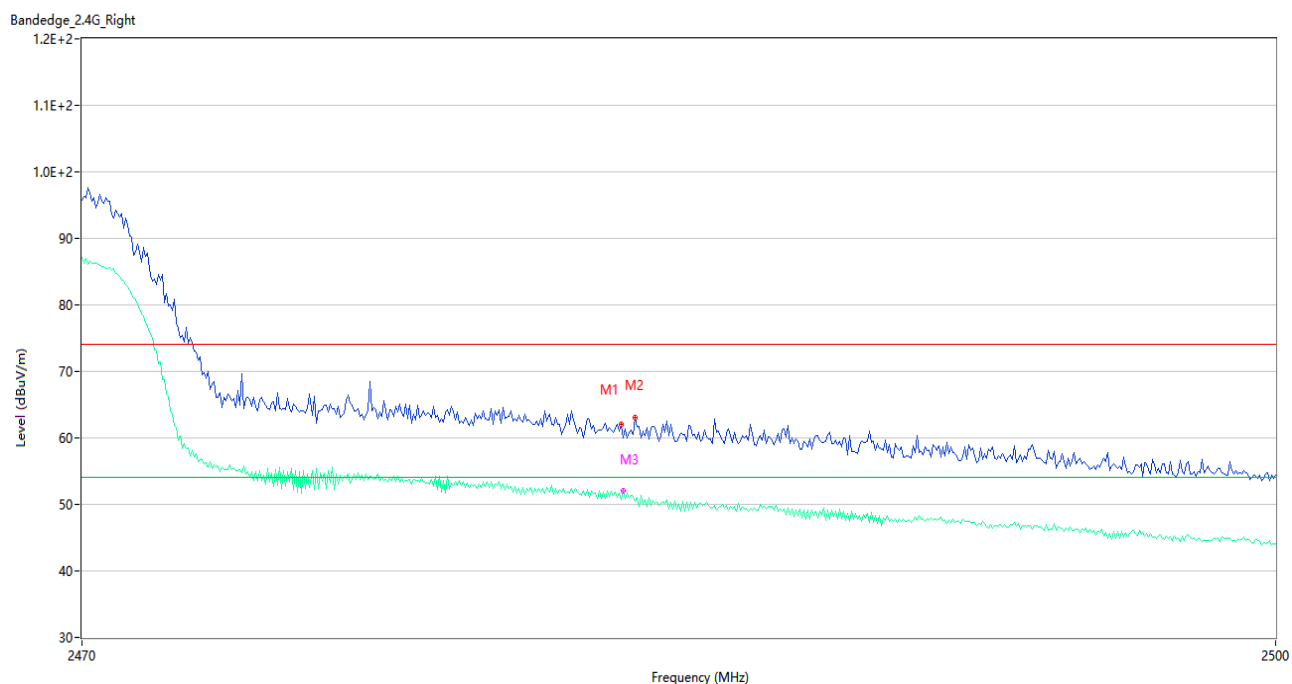
| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2383.500        | 62.48            | 74.0           | 11.52       | Peak     | 237.00         | 200         | Vertical | Pass    |
| 1** | 2383.500        | 47.94            | 54.0           | 6.06        | AV       | 237.00         | 200         | Vertical | Pass    |
| 2   | 2389.833        | 59.76            | 74.0           | 14.24       | Peak     | 203.00         | 150         | Vertical | Pass    |
| 2** | 2389.833        | 50.14            | 54.0           | 3.86        | AV       | 203.00         | 150         | Vertical | Pass    |
| 3   | 2388.833        | 61.51            | 74.0           | 12.49       | Peak     | 207.00         | 150         | Vertical | Pass    |
| 3** | 2388.833        | 50.86            | 54.0           | 3.14        | AV       | 207.00         | 150         | Vertical | Pass    |

## 802.11ax40(SU) CH4



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2389.667        | 63.56            | 74.0           | 10.44       | Peak     | 205.00         | 200         | Vertical | Pass    |
| 1** | 2389.667        | 48.87            | 54.0           | 5.13        | AV       | 205.00         | 200         | Vertical | Pass    |
| 2   | 2389.833        | 60.44            | 74.0           | 13.56       | Peak     | 205.00         | 150         | Vertical | Pass    |
| 2** | 2389.833        | 50.63            | 54.0           | 3.37        | AV       | 205.00         | 150         | Vertical | Pass    |

## 802.11ax40(SU) CH9



| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 2483.500        | 62.01            | 74.0           | 11.99       | Peak     | 210.00         | 100         | Vertical | Pass    |
| 1** | 2483.500        | 50.74            | 54.0           | 3.26        | AV       | 210.00         | 100         | Vertical | Pass    |
| 2   | 2483.850        | 63.03            | 74.0           | 10.97       | Peak     | 210.00         | 200         | Vertical | Pass    |
| 2** | 2483.850        | 50.45            | 54.0           | 3.55        | AV       | 210.00         | 200         | Vertical | Pass    |
| 3   | 2483.550        | 59.99            | 74.0           | 14.01       | Peak     | 207.00         | 150         | Vertical | Pass    |
| 3** | 2483.550        | 51.99            | 54.0           | 2.01        | AV       | 207.00         | 150         | Vertical | Pass    |

## A.8 Power Spectral Density (PSD)

Note: All the configurations were pre tested, only the worst configuration has been reported in this report.

### Test Data

#### ANT0

802.11b Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -10.88                            | 8                | Pass    |
| CH6     | -7.06                             | 8                | Pass    |
| CH11    | -4.37                             | 8                | Pass    |

802.11g Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -10.71                            | 8                | Pass    |
| CH6     | -6.10                             | 8                | Pass    |
| CH11    | -9.94                             | 8                | Pass    |

802.11n-20 MHz Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -10.14                            | 8                | Pass    |
| CH6     | -5.63                             | 8                | Pass    |
| CH11    | -11.10                            | 8                | Pass    |

802.11n-40 MHz Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH3     | -15.72                            | 8                | Pass    |
| CH4     | -15.02                            | 8                | Pass    |
| CH6     | -8.94                             | 8                | Pass    |
| CH9     | -15.29                            | 8                | Pass    |

802.11ax-20 MHz(SU) Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -12.29                            | 8                | Pass    |
| CH6     | -3.91                             | 8                | Pass    |
| CH11    | -11.80                            | 8                | Pass    |

## 802.11ax-40 MHz(SU) Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH3     | -19.65                            | 8                | Pass    |
| CH4     | -17.70                            | 8                | Pass    |
| CH6     | -8.89                             | 8                | Pass    |
| CH9     | -15.38                            | 8                | Pass    |

**ANT1****802.11b Mode:**

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -7.75                             | 8                | Pass    |
| CH6     | -8.63                             | 8                | Pass    |
| CH11    | -5.74                             | 8                | Pass    |

**802.11g Mode:**

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -11.15                            | 8                | Pass    |
| CH6     | -9.95                             | 8                | Pass    |
| CH11    | -9.16                             | 8                | Pass    |

**802.11n-20 MHz Mode:**

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -11.26                            | 8                | Pass    |
| CH6     | -9.21                             | 8                | Pass    |
| CH11    | -11.82                            | 8                | Pass    |

**802.11n-40 MHz Mode:**

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH3     | -16.2                             | 8                | Pass    |
| CH4     | -17.2                             | 8                | Pass    |
| CH6     | -11.6                             | 8                | Pass    |
| CH9     | -17.9                             | 8                | Pass    |

**802.11ax-20 MHz(SU) Mode:**

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -13.48                            | 8                | Pass    |
| CH6     | -9.48                             | 8                | Pass    |
| CH11    | -12.16                            | 8                | Pass    |

**802.11ax-40 MHz(SU) Mode:**

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH3     | -19.69                            | 8                | Pass    |
| CH4     | -18.75                            | 8                | Pass    |
| CH6     | -10.65                            | 8                | Pass    |
| CH9     | -19.10                            | 8                | Pass    |

MIMO

## 802.11b Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -6.03                             | 8                | Pass    |
| CH6     | -4.76                             | 8                | Pass    |
| CH11    | -1.99                             | 8                | Pass    |

## 802.11g Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -7.91                             | 8                | Pass    |
| CH6     | -4.60                             | 8                | Pass    |
| CH11    | -6.52                             | 8                | Pass    |

## 802.11n-20 MHz Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -7.65                             | 8                | Pass    |
| CH6     | -4.05                             | 8                | Pass    |
| CH11    | -8.43                             | 8                | Pass    |

## 802.11n-40 MHz Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH3     | -12.96                            | 8                | Pass    |
| CH4     | -12.95                            | 8                | Pass    |
| CH6     | -7.07                             | 8                | Pass    |
| CH9     | -13.38                            | 8                | Pass    |

## 802.11ax-20 MHz(SU) Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH1     | -9.84                             | 8                | Pass    |
| CH6     | -2.85                             | 8                | Pass    |
| CH11    | -8.96                             | 8                | Pass    |

## 802.11ax-40 MHz(SU) Mode:

| Channel | Spectral Power Density (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|---------|-----------------------------------|------------------|---------|
| CH3     | -16.66                            | 8                | Pass    |
| CH4     | -15.18                            | 8                | Pass    |
| CH6     | -6.67                             | 8                | Pass    |
| CH9     | -13.84                            | 8                | Pass    |

## Test Plots

## ANT0

802.11b CH1



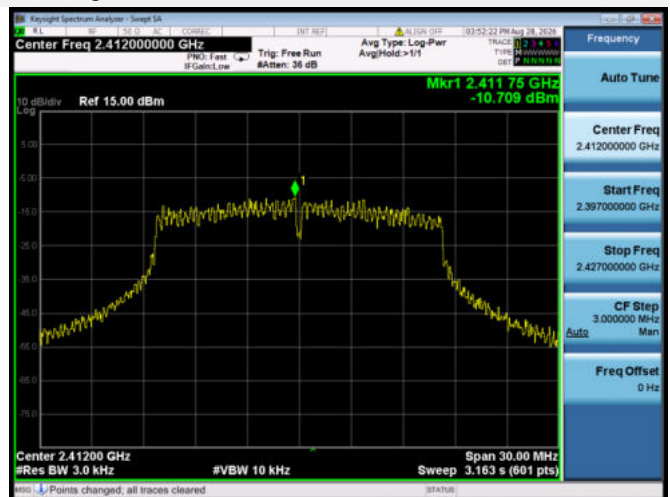
802.11b CH6



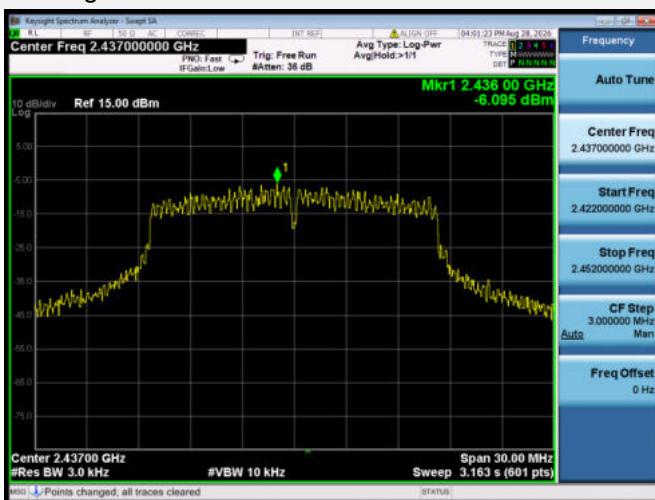
802.11b CH11



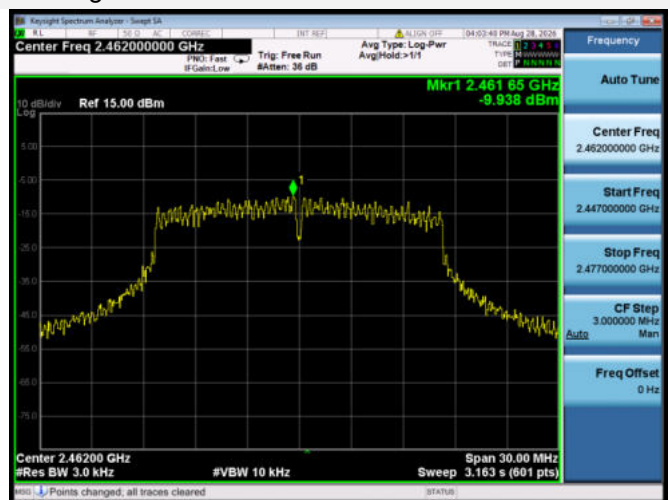
802.11g CH1



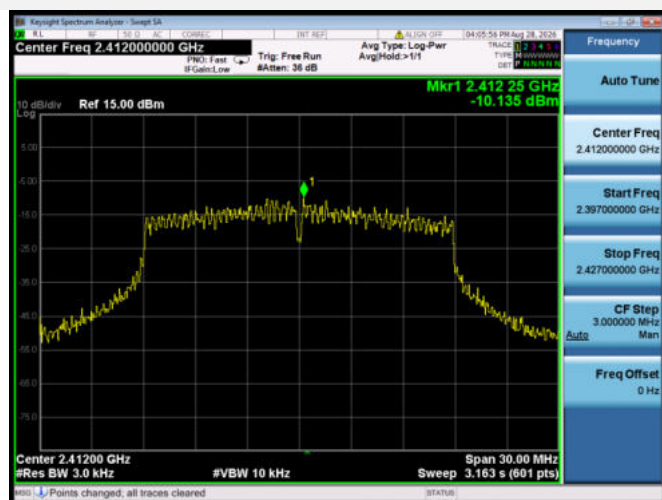
802.11g CH6



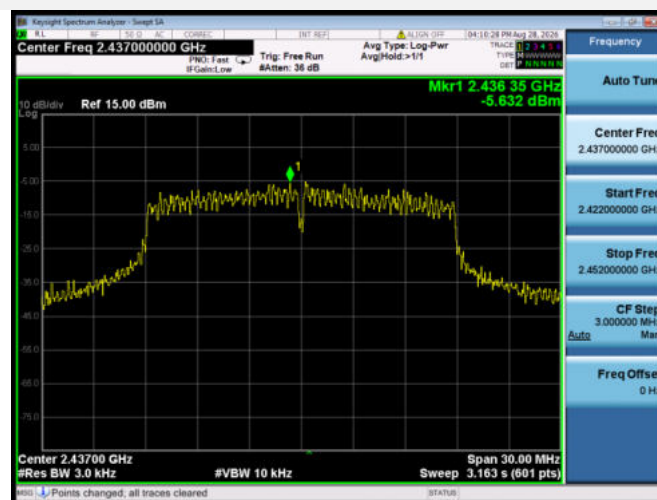
802.11g CH11



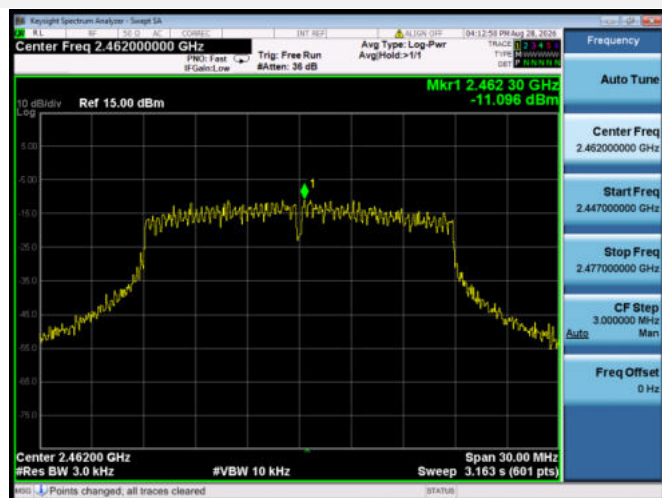
802.11n-20 MHz CH1



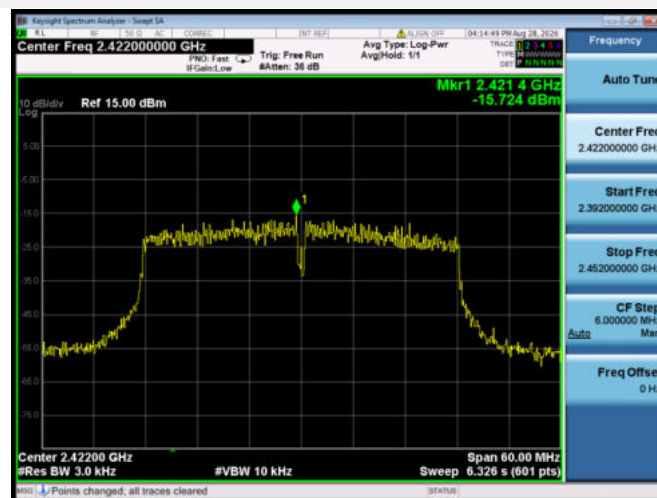
802.11n-20 MHz CH6



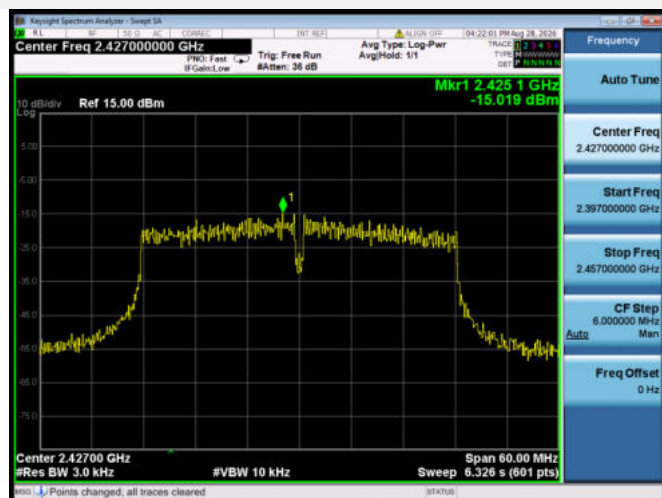
802.11n-20 MHz CH11



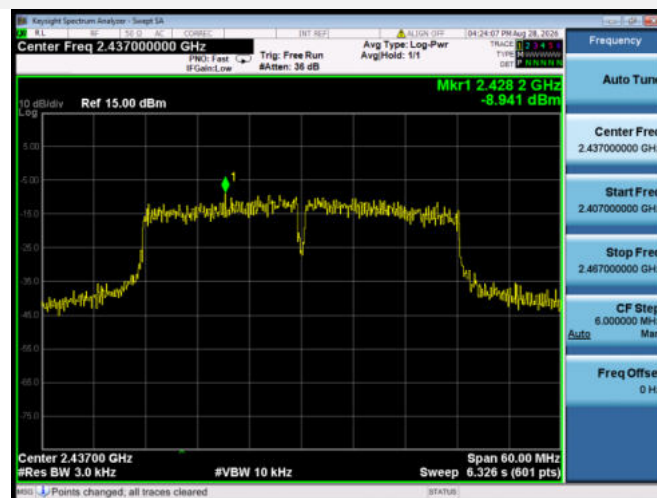
802.11n-40 MHz CH3



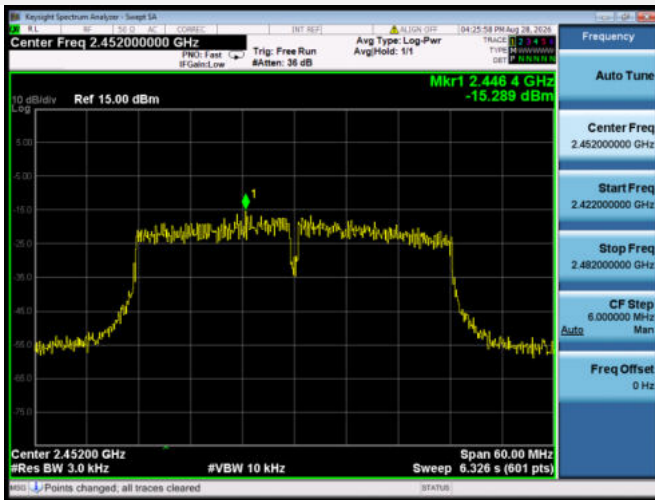
802.11n-40 MHz CH4



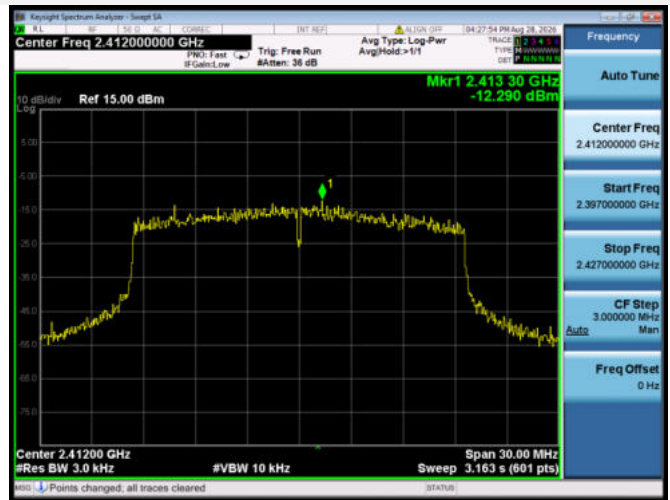
802.11n-40 MHz CH6



802.11n-40 MHz CH11



802.11ax-20 MHz(SU) CH1



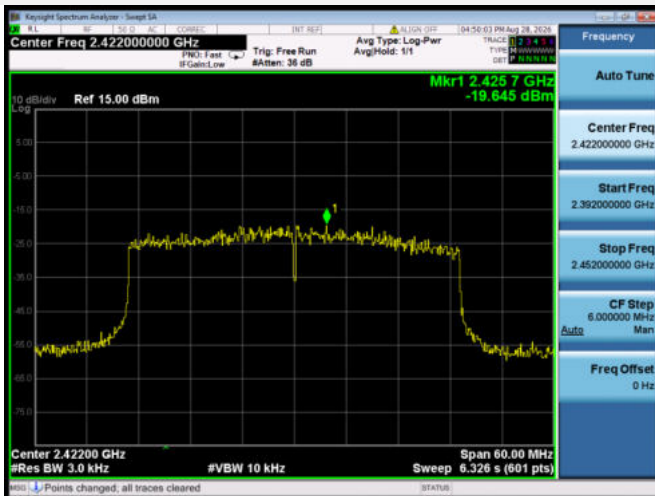
802.11ax-20 MHz(SU) CH6



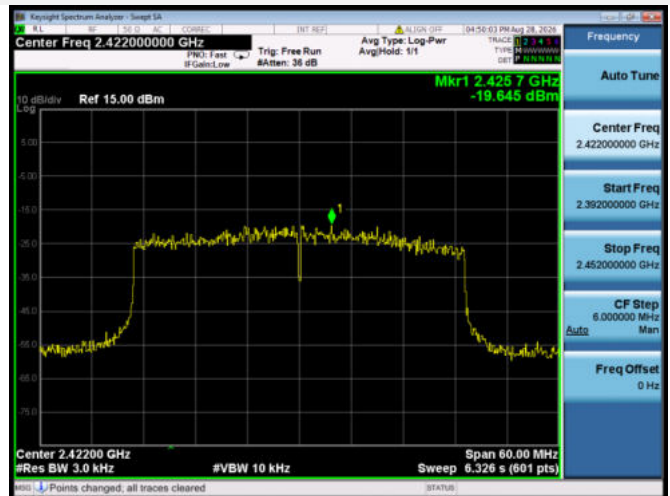
802.11ax-20 MHz(SU) CH11



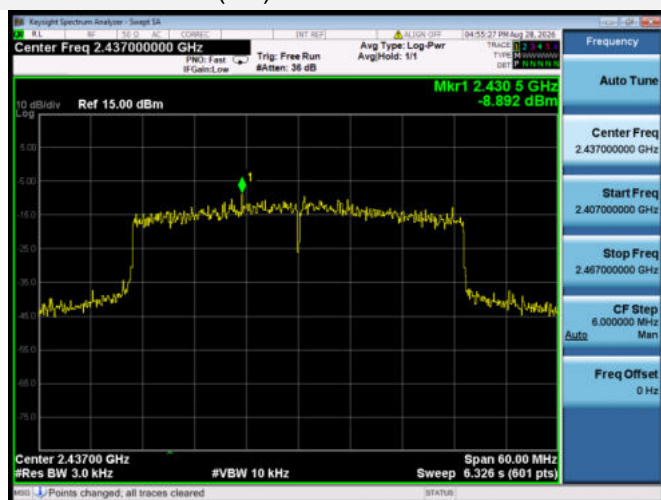
802.11ax-40 MHz(SU) CH3



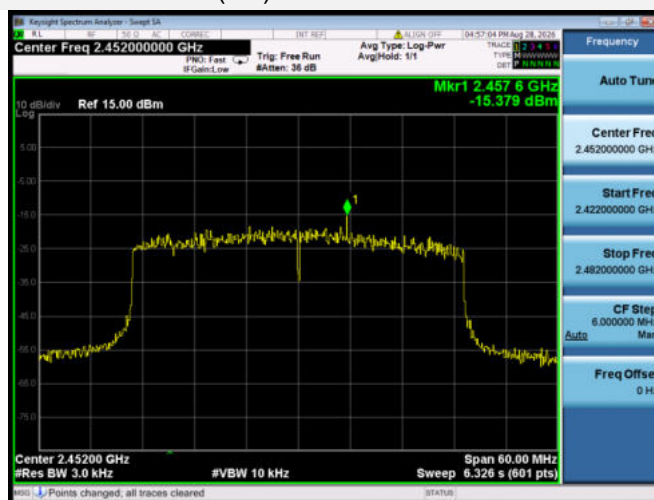
802.11ax-40 MHz(SU) CH4



## 802.11ax-40 MHz(SU) CH6



## 802.11ax-40 MHz(SU) CH9

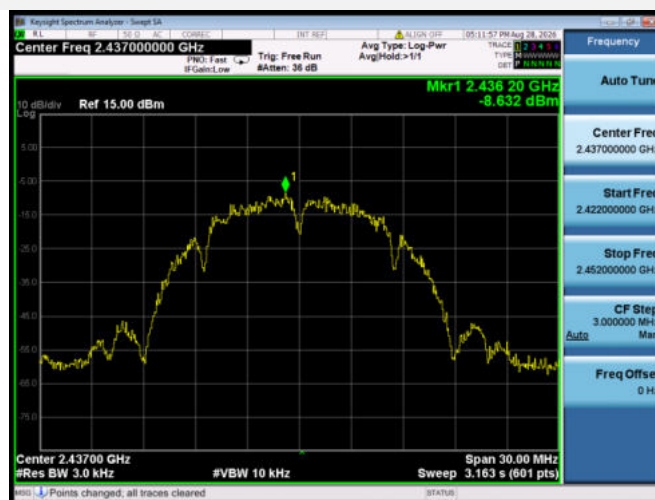


## ANT1

## 802.11b CH1



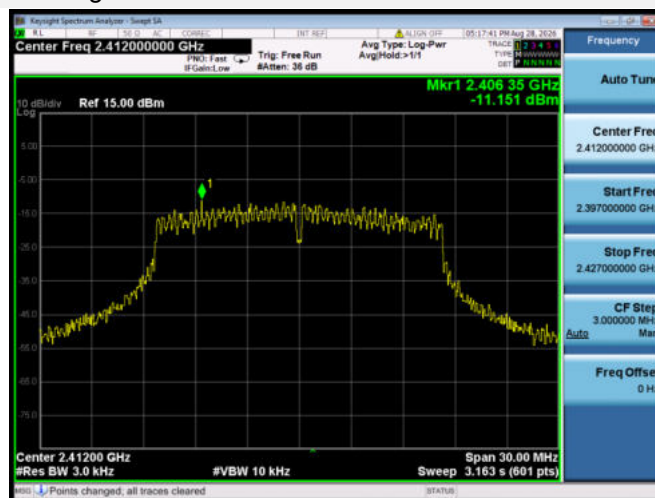
## 802.11b CH6



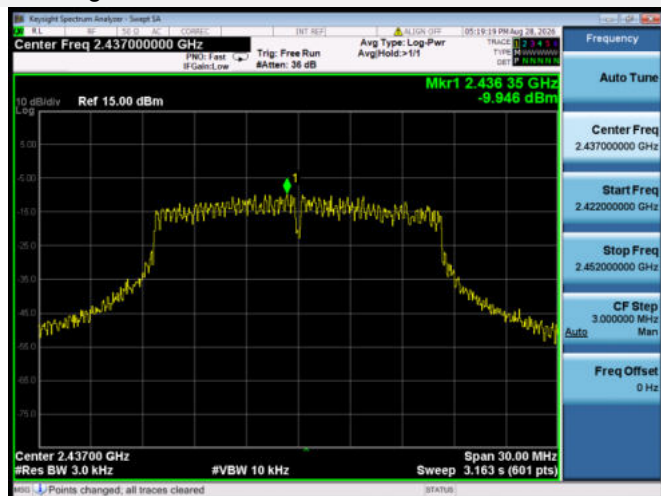
## 802.11b CH11



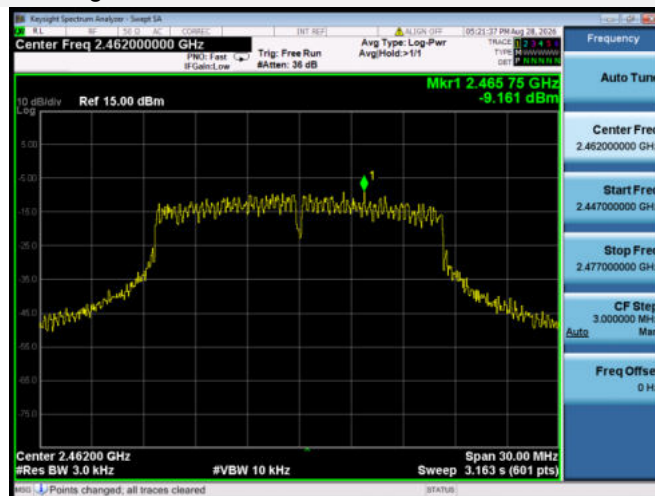
## 802.11g CH1



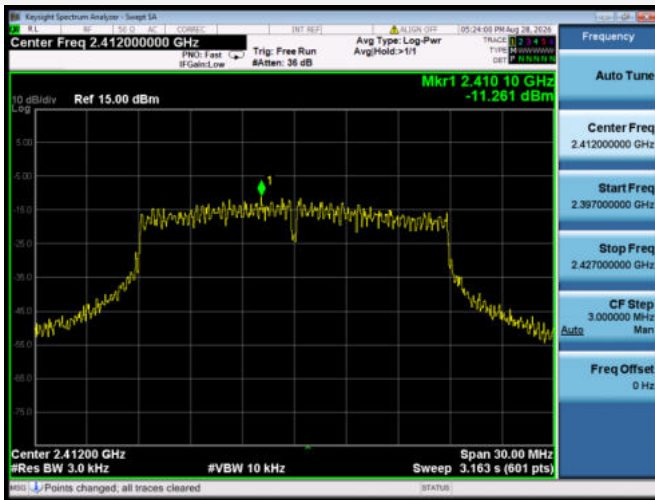
## 802.11g CH6



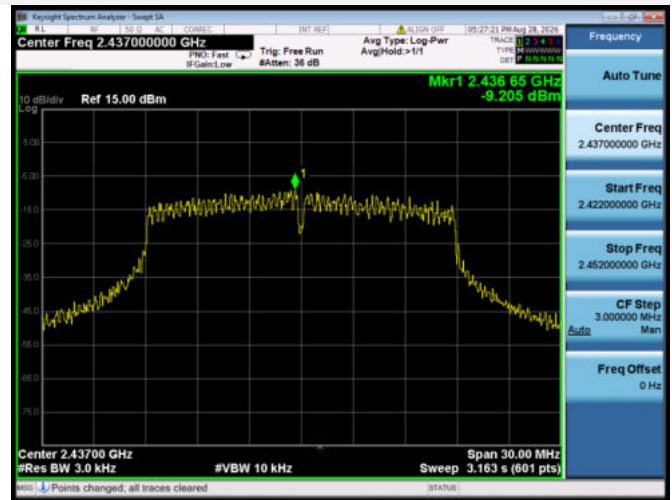
## 802.11g CH11



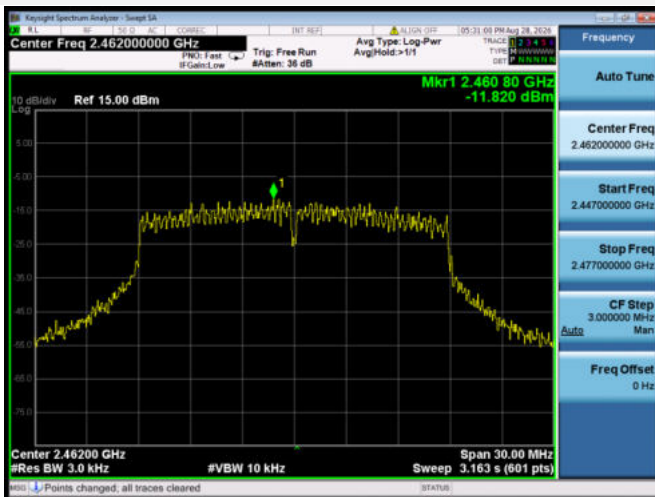
802.11n-20 MHz CH1



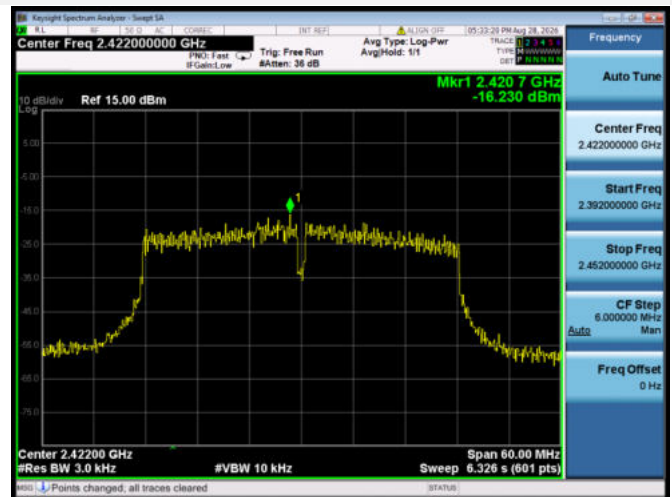
802.11n-20 MHz CH6



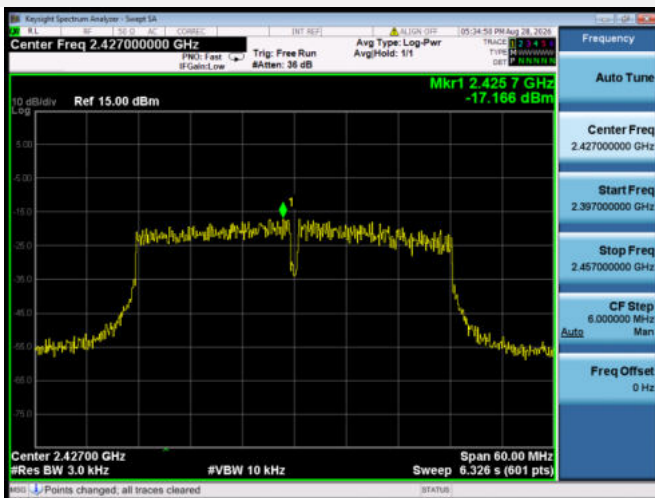
802.11n-20 MHz CH11



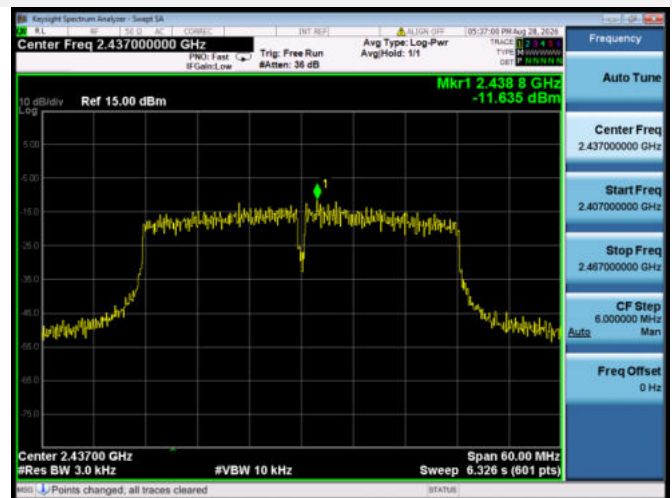
802.11n-40 MHz CH3



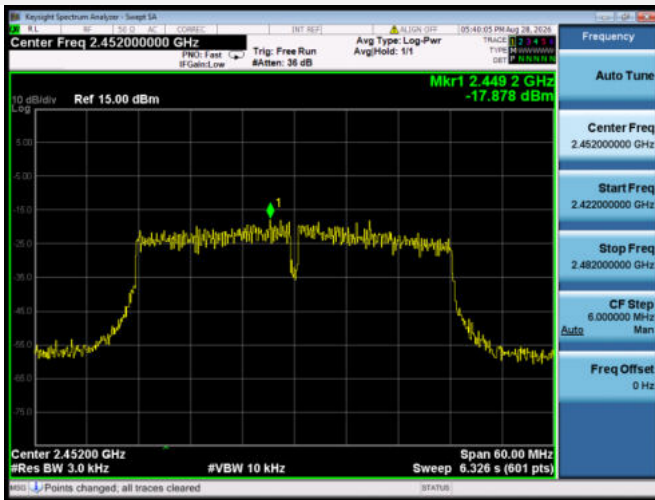
802.11n-40 MHz CH4



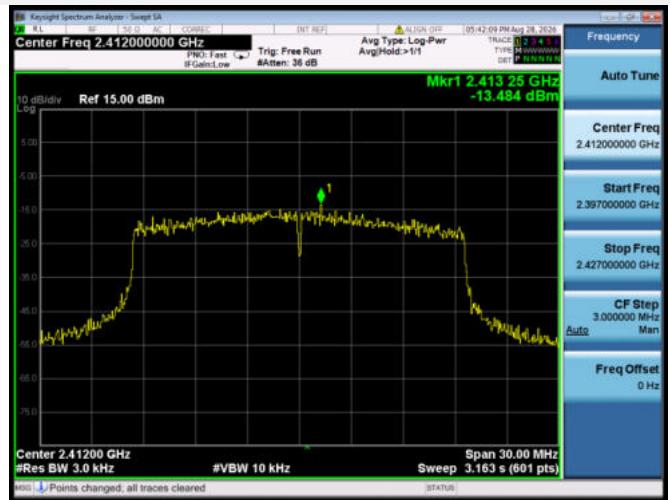
802.11n-40 MHz CH6



802.11n-40 MHz CH11



802.11ax-20 MHz(SU) CH1



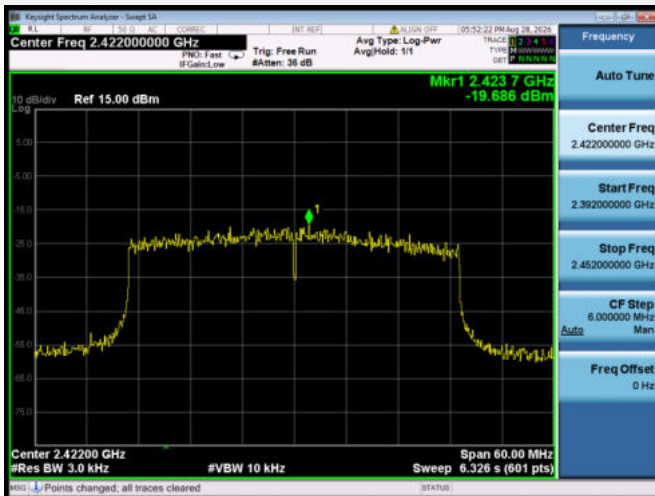
802.11ax-20 MHz(SU) CH6



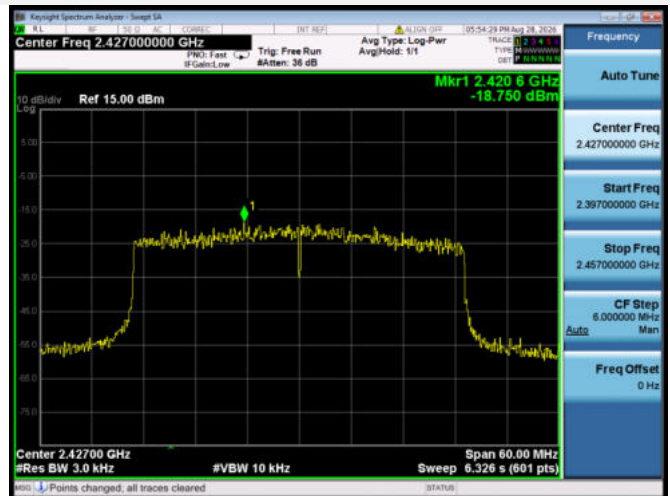
802.11ax-20 MHz(SU) CH11



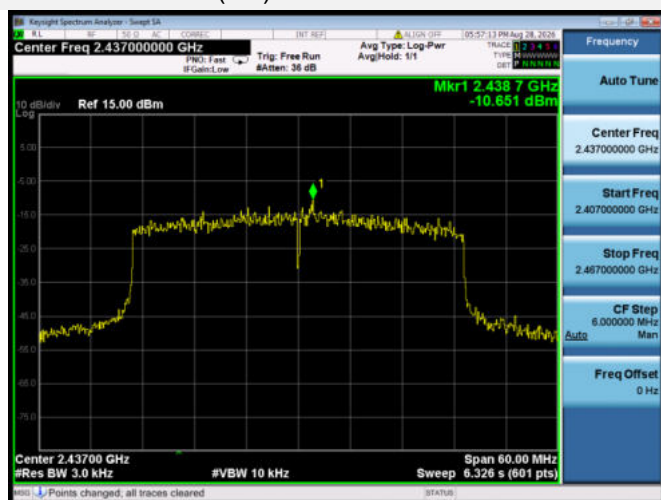
802.11ax-40 MHz(SU) CH3



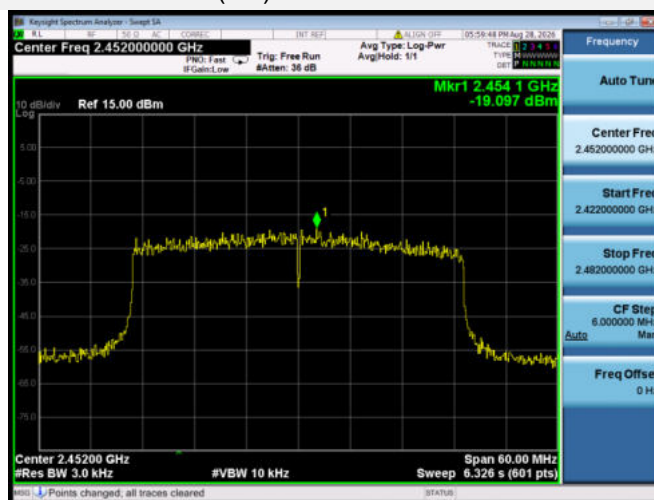
802.11ax-40 MHz(SU) CH4



802.11ax-40 MHz(SU) CH6



802.11ax-40 MHz(SU) CH9



## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “Ti-EE26080250-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “Ti-EE26080250-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “Ti-EE26080250-AI.PDF”.

## Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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--END OF REPORT--