

Right Earphone:

| GFSK    |                                                |               |                            |         |
|---------|------------------------------------------------|---------------|----------------------------|---------|
| Channel | Measured Max.<br>Out of Band<br>Emission (dBm) | Limit (dBm)   |                            | Verdict |
|         |                                                | Carrier Level | Calculated<br>20 dBc Limit |         |
| Low     | -35.08                                         | 11.13         | -8.87                      | Pass    |
| Middle  | -35.86                                         | 11.06         | -8.94                      | Pass    |
| High    | -35.34                                         | 11.08         | -8.92                      | Pass    |
| 8-DPSK  |                                                |               |                            |         |
| Channel | Measured Max.<br>Out of Band<br>Emission (dBm) | Limit (dBm)   |                            | Verdict |
|         |                                                | Carrier Level | Calculated<br>20 dBc Limit |         |
| Low     | -35.95                                         | 11.15         | -8.85                      | Pass    |
| Middle  | -35.28                                         | 11.09         | -8.91                      | Pass    |
| High    | -34.58                                         | 11.06         | -8.94                      | Pass    |

| Hopping Mode |                                                |               |                            |         |
|--------------|------------------------------------------------|---------------|----------------------------|---------|
| Mode         | Measured Max.<br>Out of Band<br>Emission (dBm) | Limit (dBm)   |                            | Verdict |
|              |                                                | Carrier Level | Calculated<br>20 dBc Limit |         |
| GFSK         | -35.29                                         | 11.12         | -8.88                      | Pass    |
| 8-DPSK       | -35.67                                         | 11.23         | -8.77                      | Pass    |

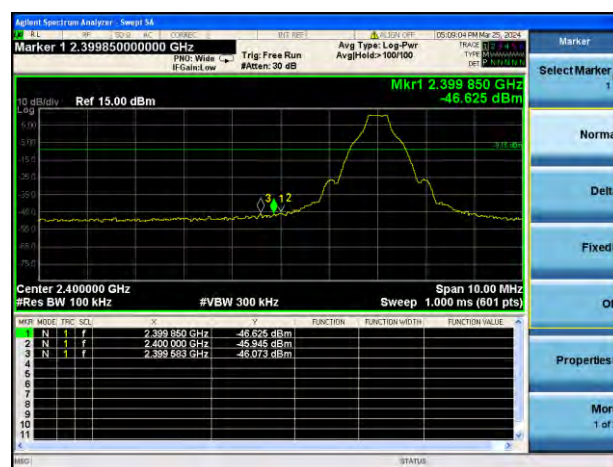
## Test Plots

### Left Earphone:

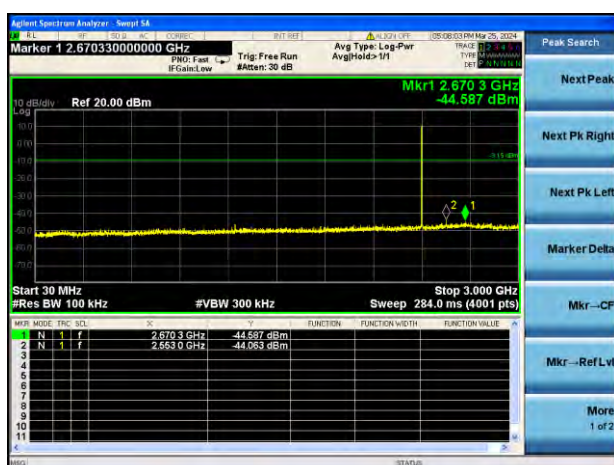
#### GFSK LOW CHANNEL, CARRIER LEVEL



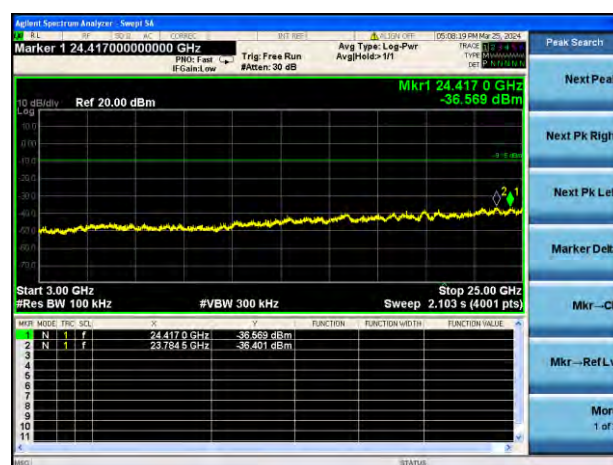
#### GFSK LOW CHANNEL, BAND EDGE



#### GFSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



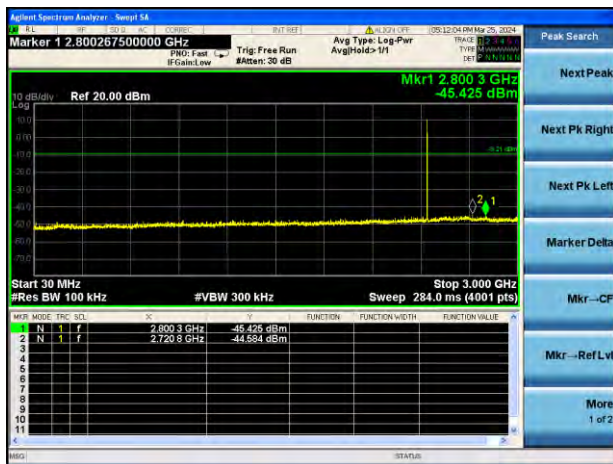
#### GFSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



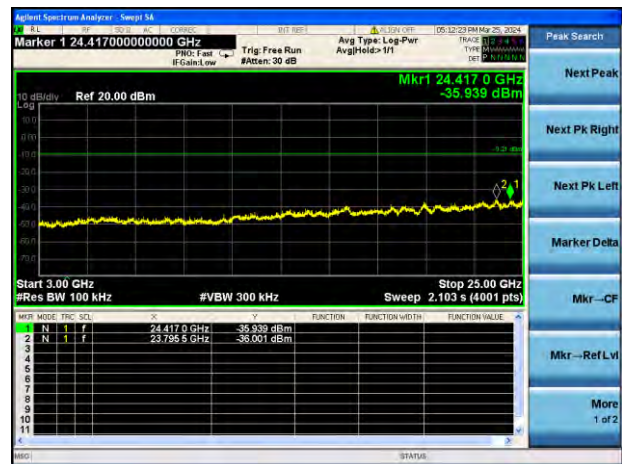
#### GFSK MIDDLE CHANNEL, CARRIER LEVEL



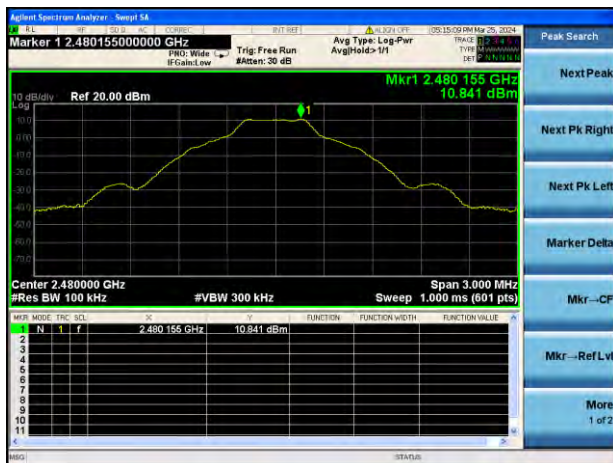
### GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



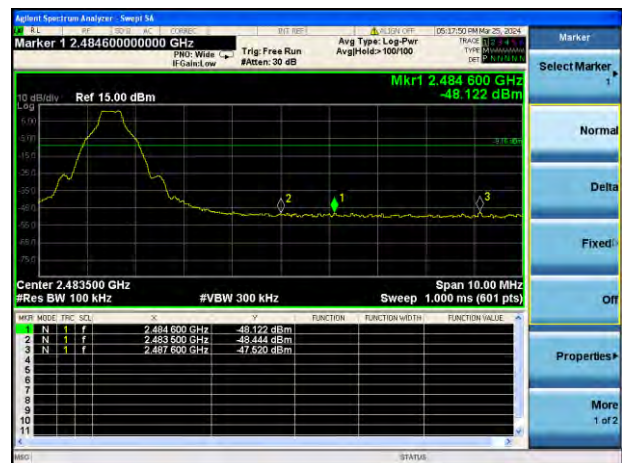
### GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



### GFSK HIGH CHANNEL, CARRIER LEVEL



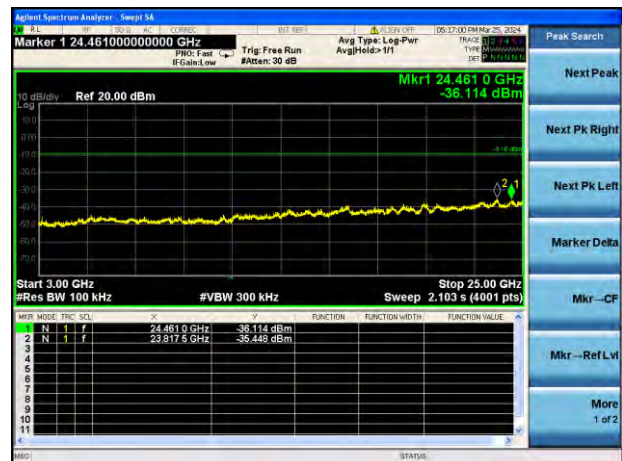
### GFSK HIGH CHANNEL, BAND EDGE



### GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

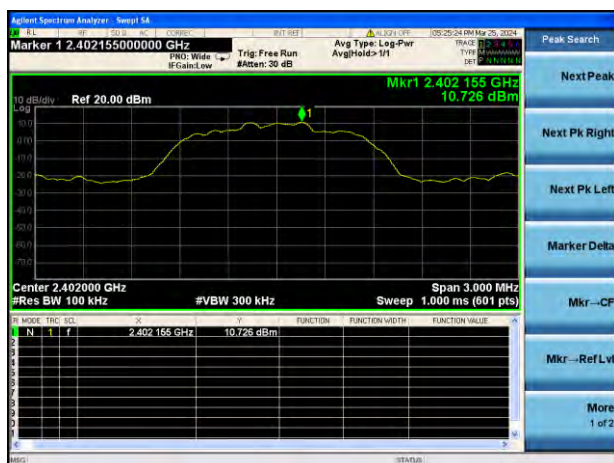


### GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz

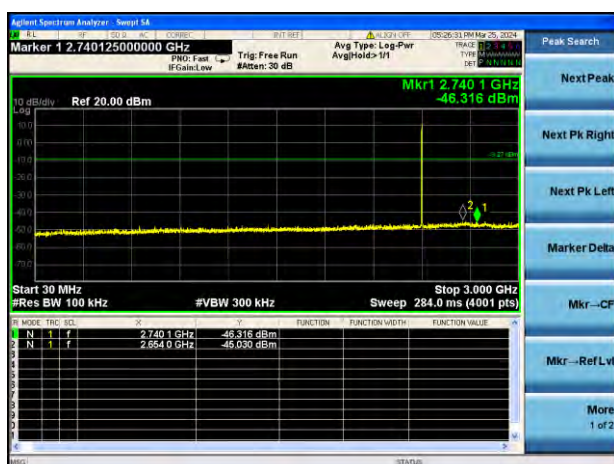
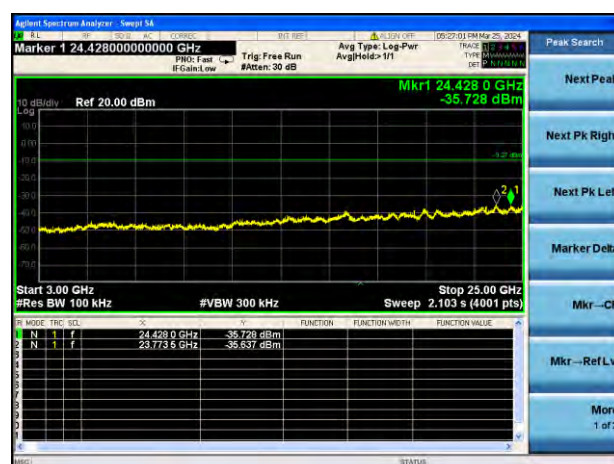




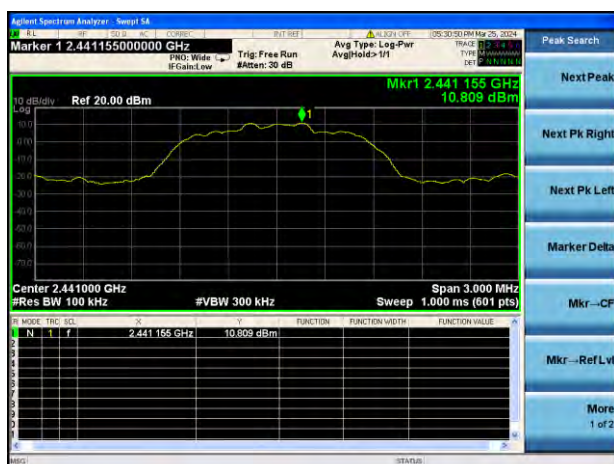
## 8-DPSK LOW CHANNEL, CARRIER LEVEL



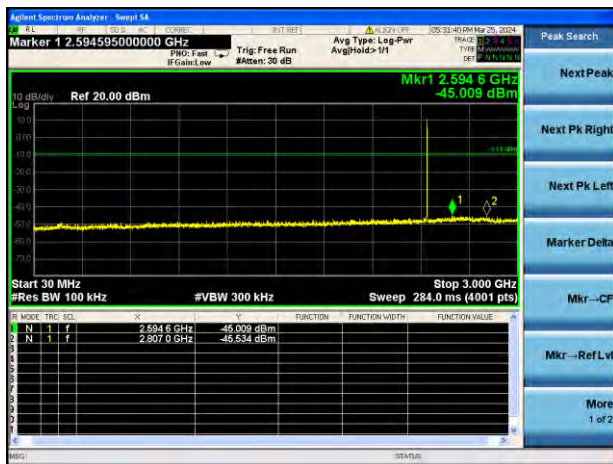
## 8-DPSK LOW CHANNEL, BAND EDGE

8-DPSK LOW CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz8-DPSK LOW CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz

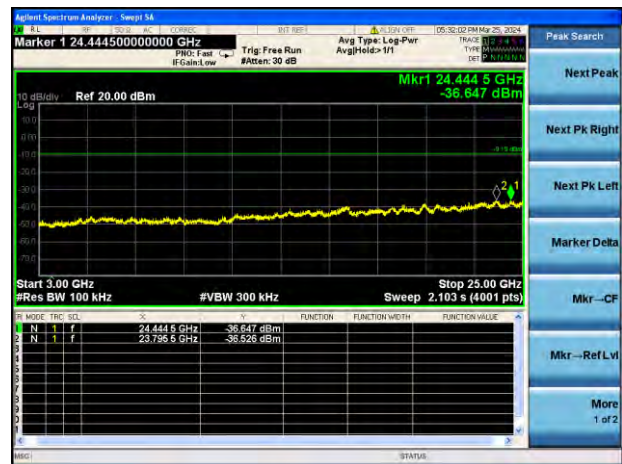
## 8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



### 8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



### 8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



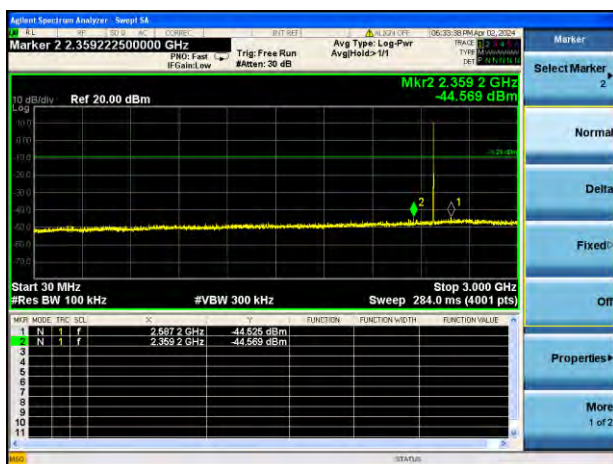
### 8-DPSK HIGH CHANNEL, CARRIER LEVEL



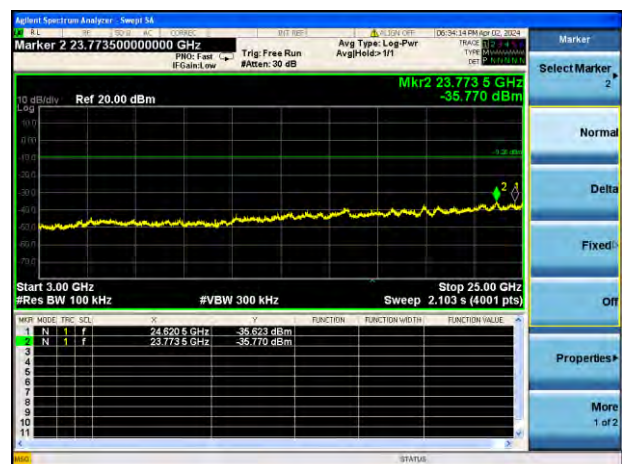
### 8-DPSK HIGH CHANNEL, BAND EDGE



### 8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

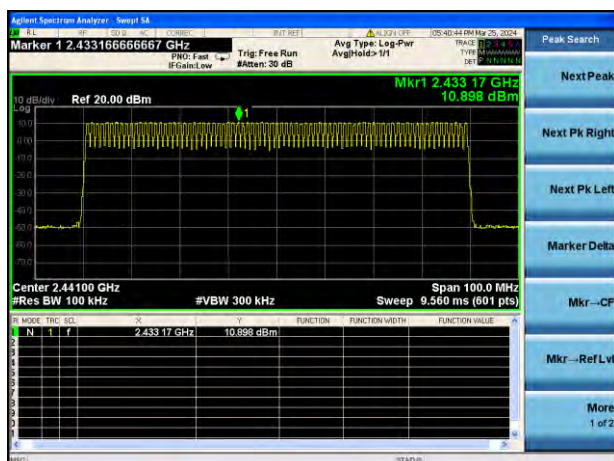


### 8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz





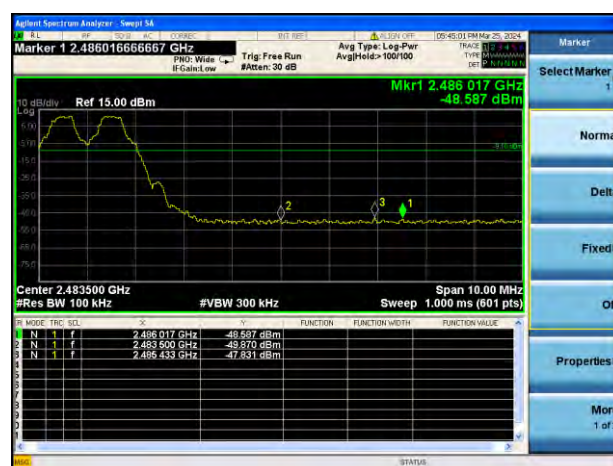
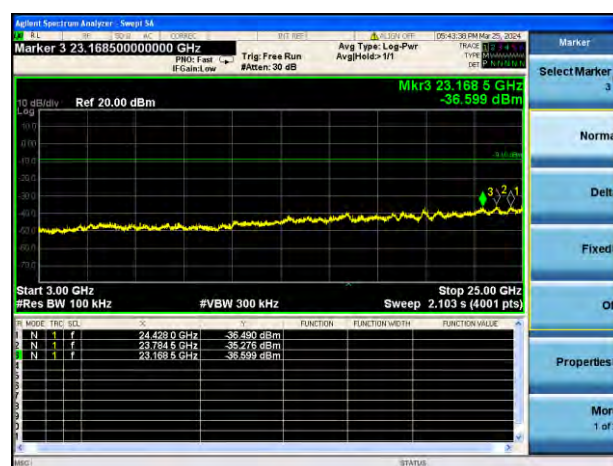
## GFSK HOPPING, CARRIER LEVEL



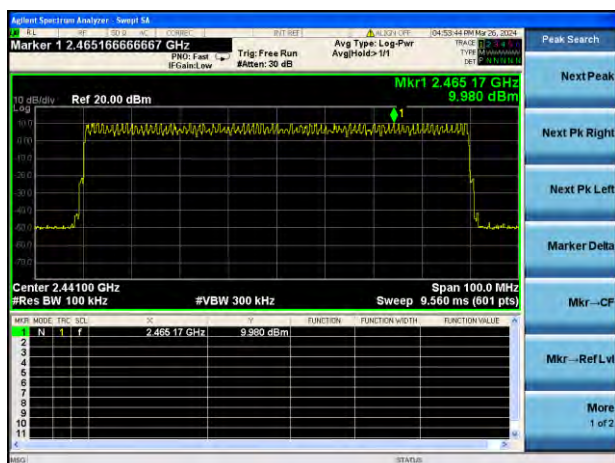
## GFSK HOPPING BAND EDGE (LOW)



## GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS  
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS  
3GHz ~ 25 GHz

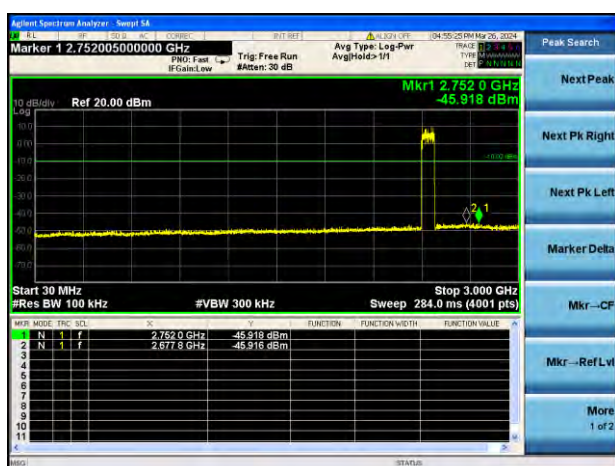
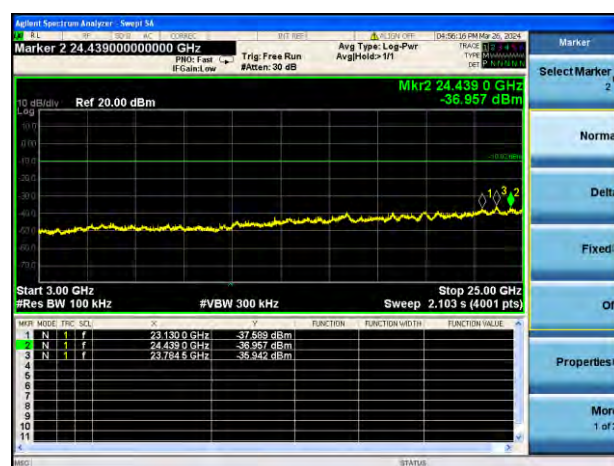
## 8-DPSK HOPPING, CARRIER LEVEL



## 8-DPSK Hopping BAND EDGE (LOW)



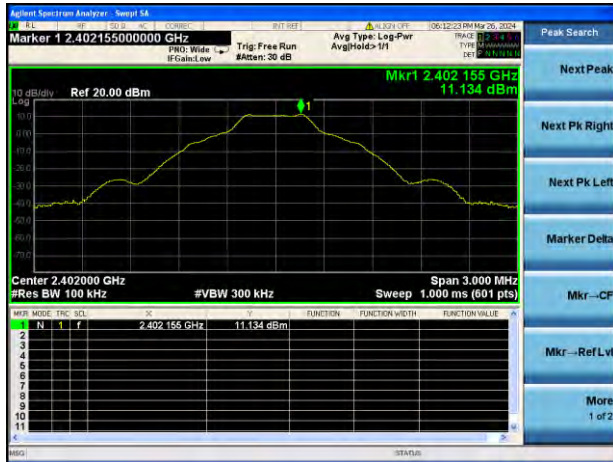
## 8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS  
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS  
3GHz ~ 25 GHz

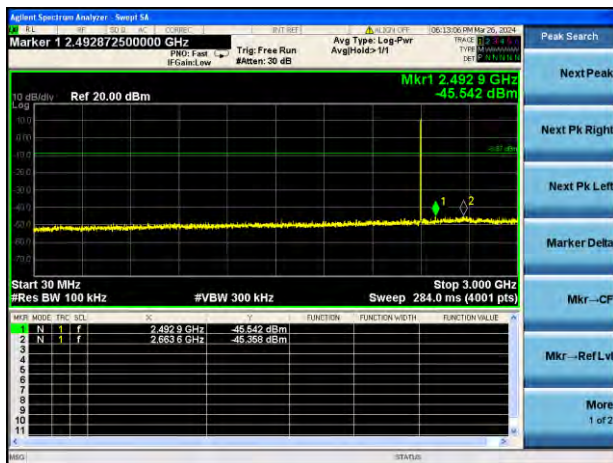
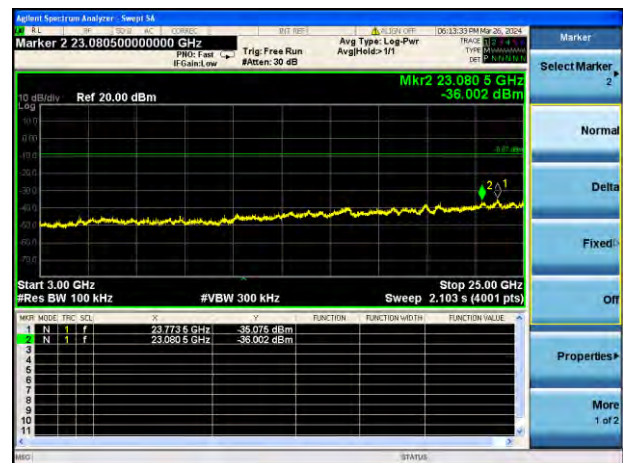


## Right Earphone:

## GFSK LOW CHANNEL, CARRIER LEVEL



## GFSK LOW CHANNEL, BAND EDGE

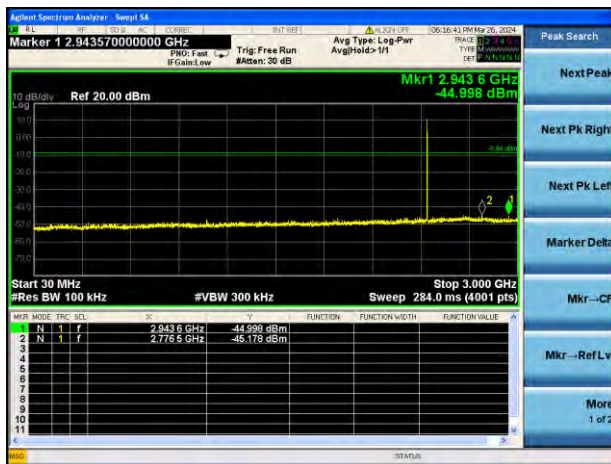
GFSK LOW CHANNEL, SPURIOUS  
30 MHz ~ 3 GHzGFSK LOW CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz

## GFSK MIDDLE CHANNEL, CARRIER LEVEL

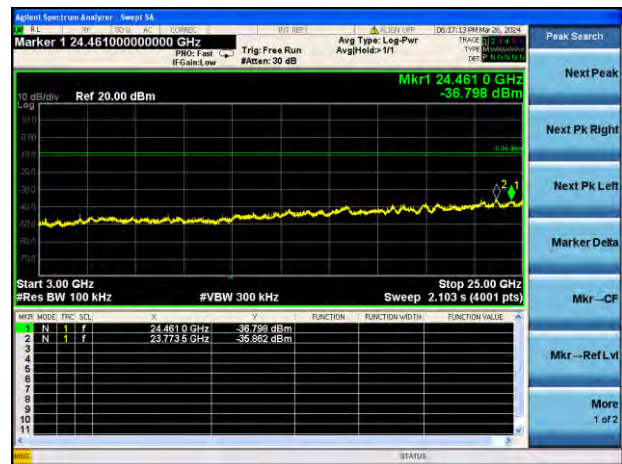




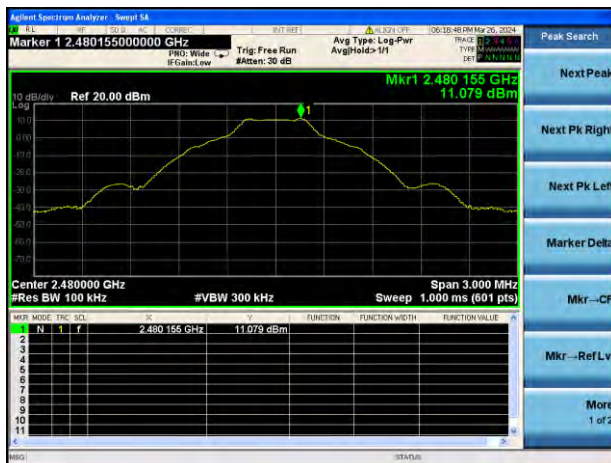
### GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



### GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



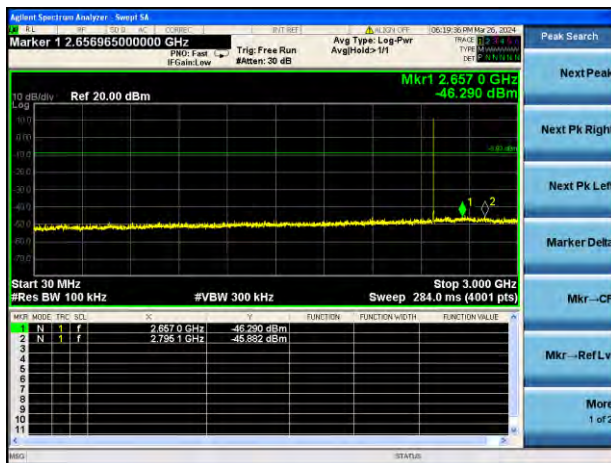
### GFSK HIGH CHANNEL, CARRIER LEVEL



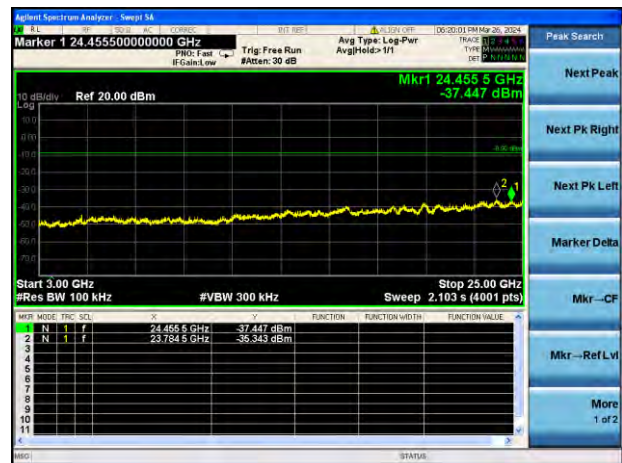
### GFSK HIGH CHANNEL, BAND EDGE



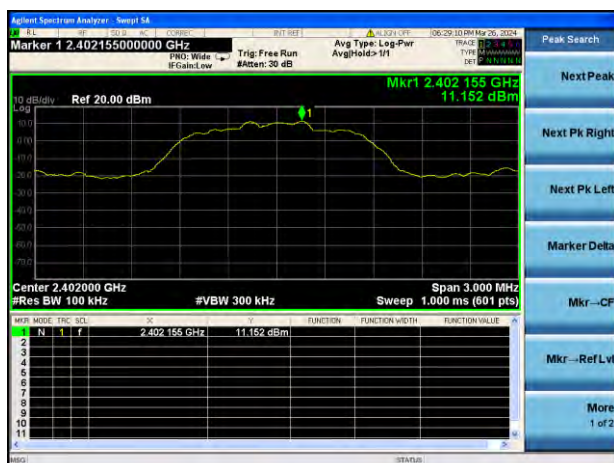
### GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



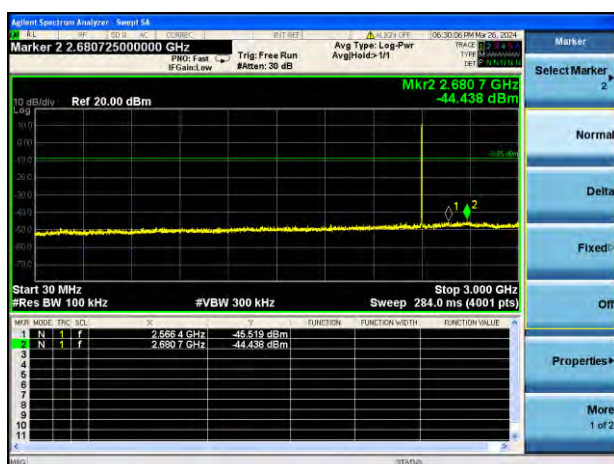
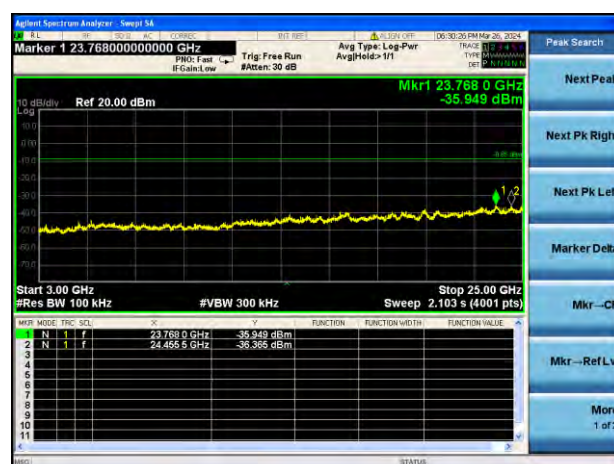
### GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



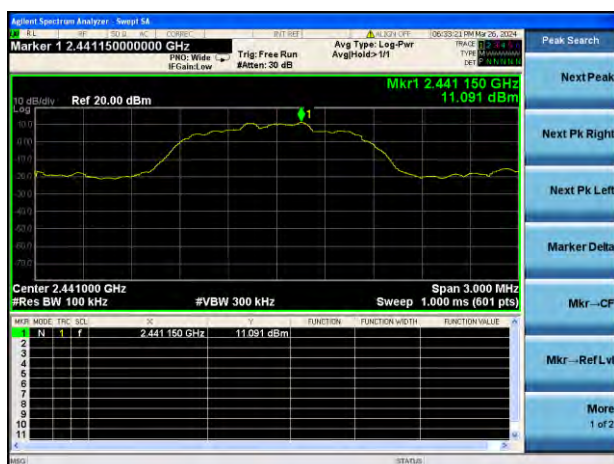
## 8-DPSK LOW CHANNEL, CARRIER LEVEL



## 8-DPSK LOW CHANNEL, BAND EDGE

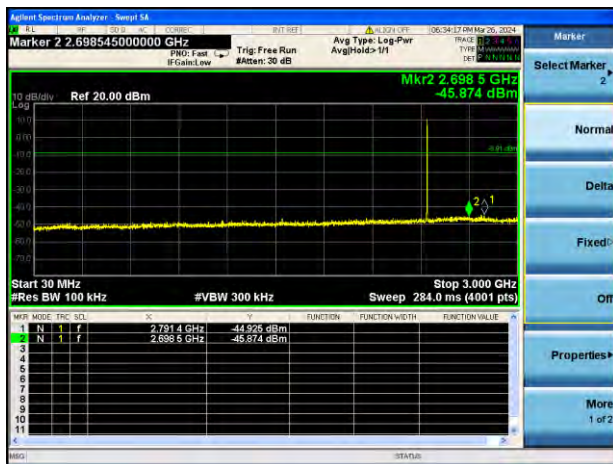
8-DPSK LOW CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz8-DPSK LOW CHANNEL, SPURIOUS  
3 GHz ~ 25 GHz

## 8-DPSK MIDDLE CHANNEL, CARRIER LEVEL

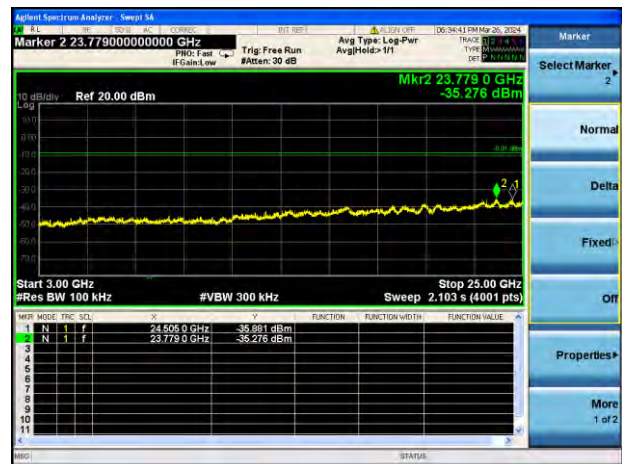




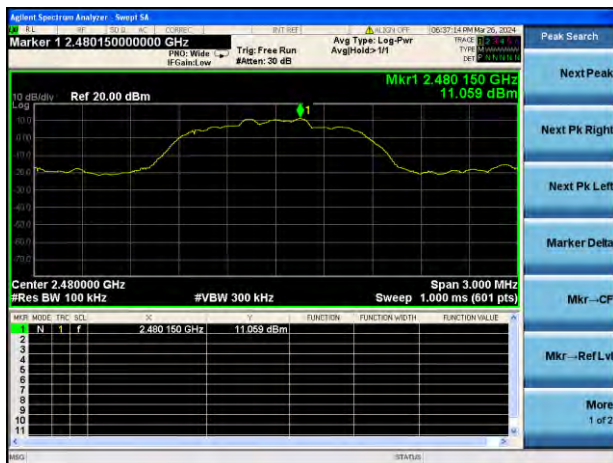
### 8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



### 8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



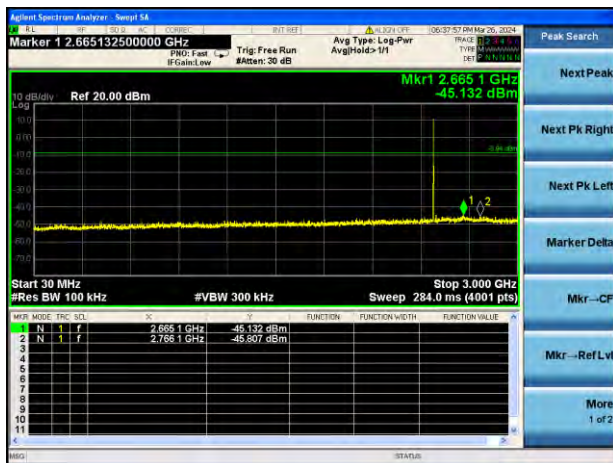
### 8-DPSK HIGH CHANNEL, CARRIER LEVEL



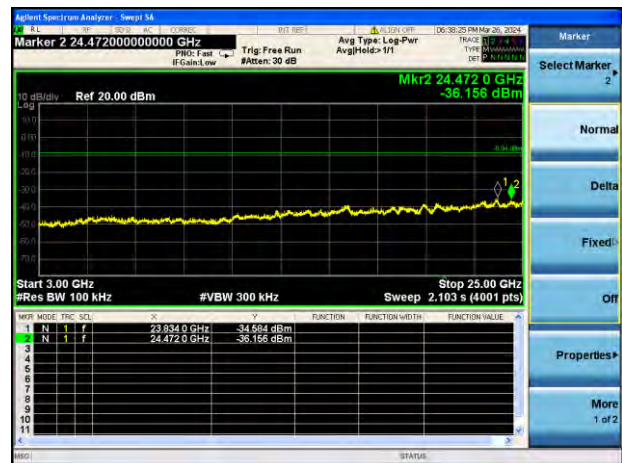
### 8-DPSK HIGH CHANNEL, BAND EDGE



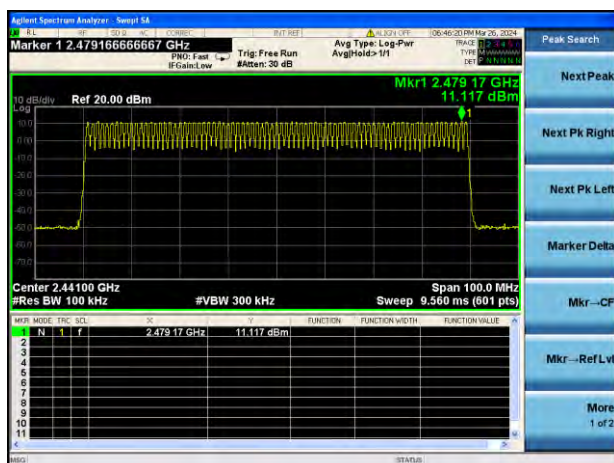
### 8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



### 8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



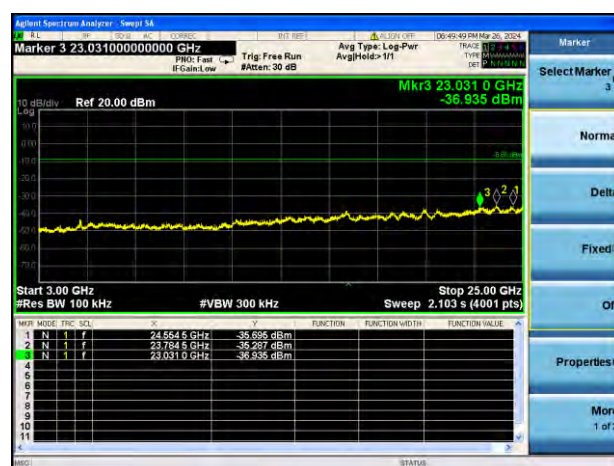
## GFSK HOPPING, CARRIER LEVEL



## GFSK HOPPING BAND EDGE (LOW)

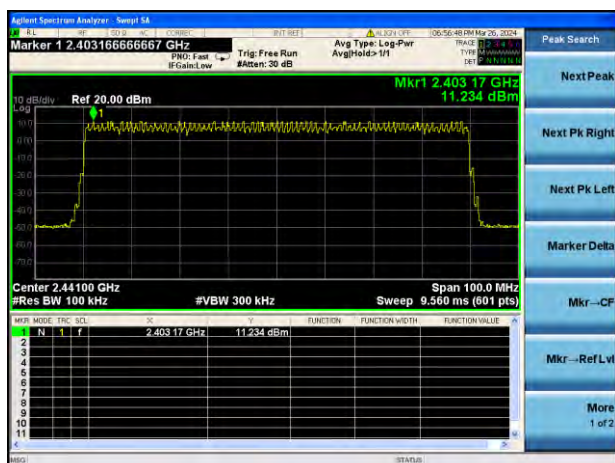


## GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS  
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS  
3GHz ~ 25 GHz



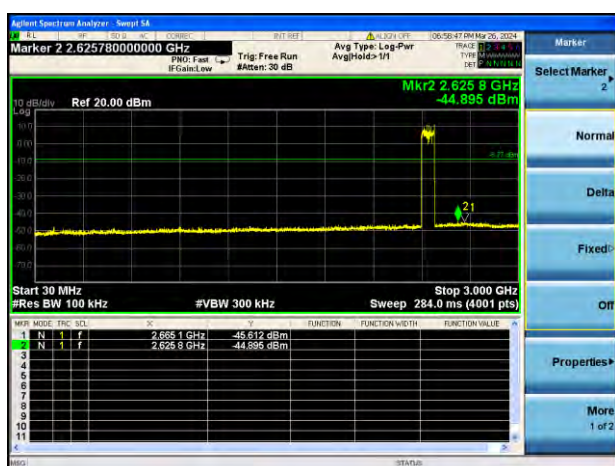
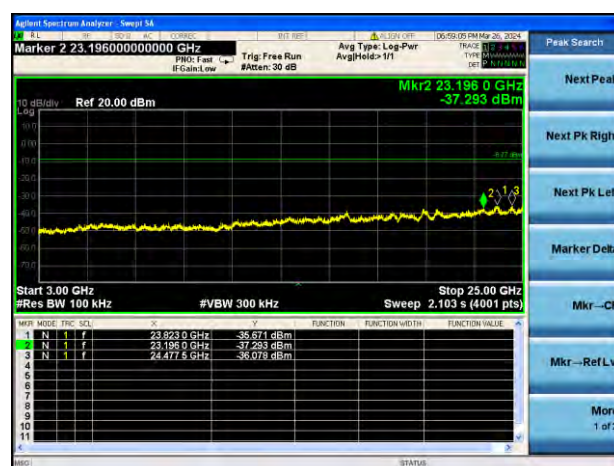
## 8-DPSK HOPPING, CARRIER LEVEL



## 8-DPSK Hopping BAND EDGE (LOW)



## 8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS  
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS  
3GHz ~ 25 GHz

## A.7 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.

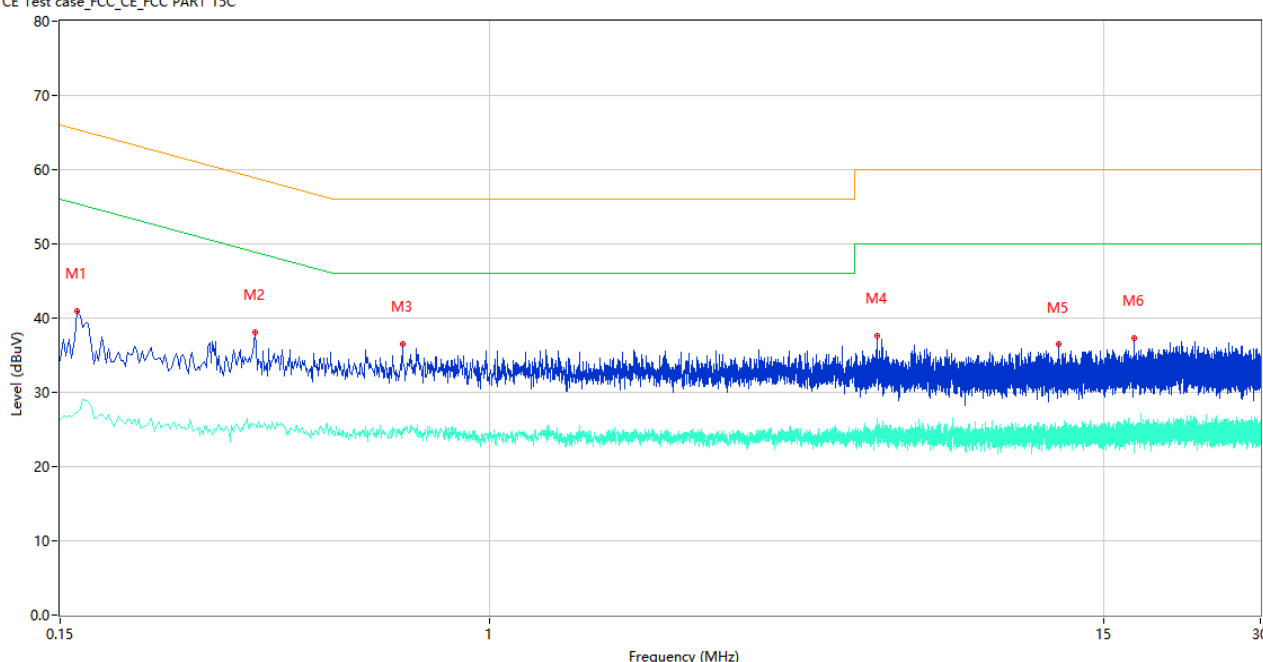
Note<sup>3</sup>: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

### Test Data and Plots

#### Left Earphone:

##### PHASE L

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

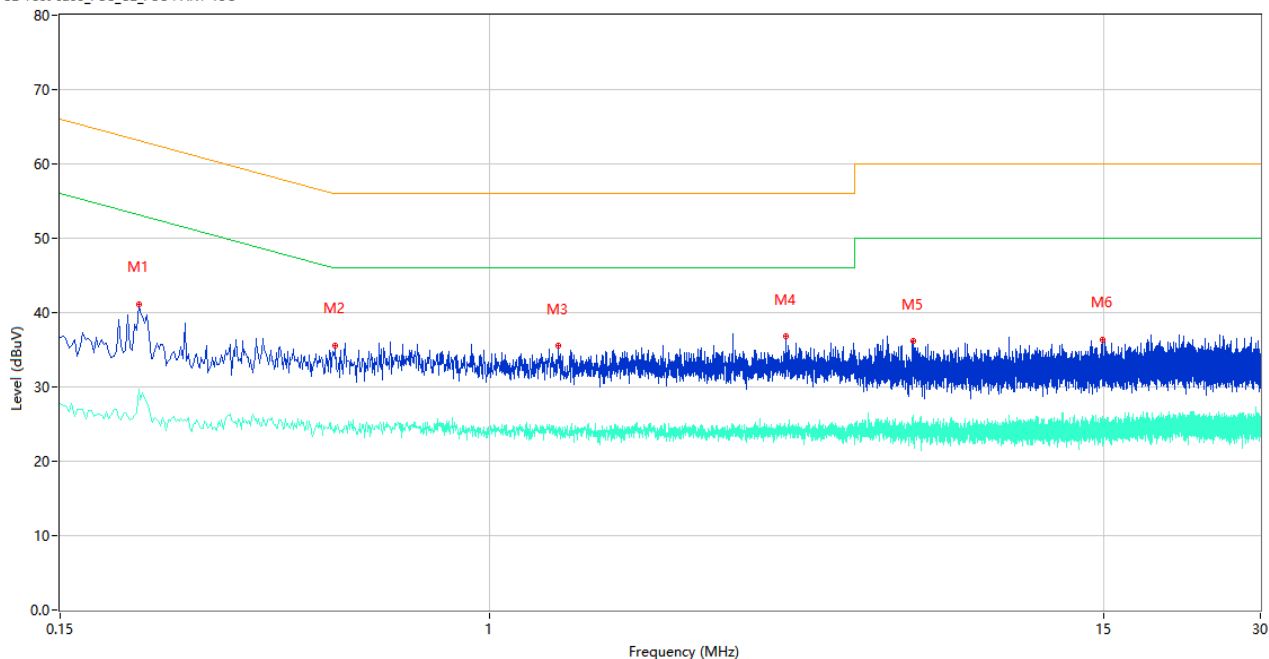


| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.162           | 41.00          | 9.78        | 65.36        | 24.36       | Peak     | L    | Pass    |
| 1** | 0.162           | 27.38          | 9.78        | 55.36        | 27.98       | AV       | L    | Pass    |
| 2   | 0.354           | 38.10          | 10.74       | 58.87        | 20.77       | Peak     | L    | Pass    |
| 2** | 0.354           | 25.71          | 10.74       | 48.87        | 23.16       | AV       | L    | Pass    |
| 3   | 0.680           | 36.54          | 10.48       | 56.00        | 19.46       | Peak     | L    | Pass    |
| 3** | 0.680           | 25.06          | 10.48       | 46.00        | 20.94       | AV       | L    | Pass    |
| 4   | 5.520           | 37.66          | 10.44       | 60.00        | 22.34       | Peak     | L    | Pass    |
| 4** | 5.520           | 24.70          | 10.44       | 50.00        | 25.30       | AV       | L    | Pass    |
| 5   | 12.318          | 36.44          | 10.56       | 60.00        | 23.56       | Peak     | L    | Pass    |
| 5** | 12.318          | 25.41          | 10.56       | 50.00        | 24.59       | AV       | L    | Pass    |
| 6   | 17.148          | 37.31          | 10.85       | 60.00        | 22.69       | Peak     | L    | Pass    |
| 6** | 17.148          | 25.24          | 10.85       | 50.00        | 24.76       | AV       | L    | Pass    |



## PHASE N

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

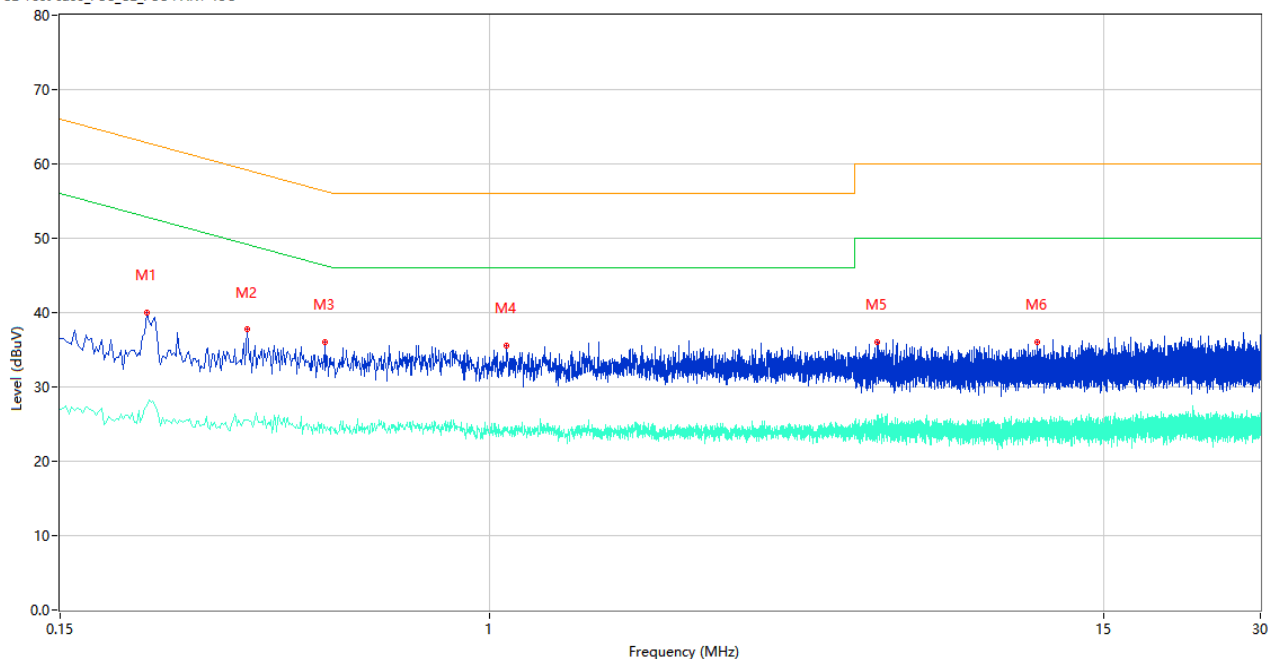


| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.212           | 41.19          | 9.77        | 63.13        | 21.94       | Peak     | N    | Pass    |
| 1** | 0.212           | 29.61          | 9.77        | 53.13        | 23.52       | AV       | N    | Pass    |
| 2   | 0.506           | 35.63          | 9.99        | 56.00        | 20.37       | Peak     | N    | Pass    |
| 2** | 0.506           | 24.02          | 9.99        | 46.00        | 21.98       | AV       | N    | Pass    |
| 3   | 1.350           | 35.54          | 10.01       | 56.00        | 20.46       | Peak     | N    | Pass    |
| 3** | 1.350           | 24.43          | 10.01       | 46.00        | 21.57       | AV       | N    | Pass    |
| 4   | 3.702           | 36.76          | 10.28       | 56.00        | 19.24       | Peak     | N    | Pass    |
| 4** | 3.702           | 24.68          | 10.28       | 46.00        | 21.32       | AV       | N    | Pass    |
| 5   | 6.490           | 36.15          | 10.17       | 60.00        | 23.85       | Peak     | N    | Pass    |
| 5** | 6.490           | 23.39          | 10.17       | 50.00        | 26.61       | AV       | N    | Pass    |
| 6   | 14.970          | 36.41          | 10.55       | 60.00        | 23.59       | Peak     | N    | Pass    |
| 6** | 14.970          | 23.83          | 10.55       | 50.00        | 26.17       | AV       | N    | Pass    |

## Right Earphone:

## PHASE L

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

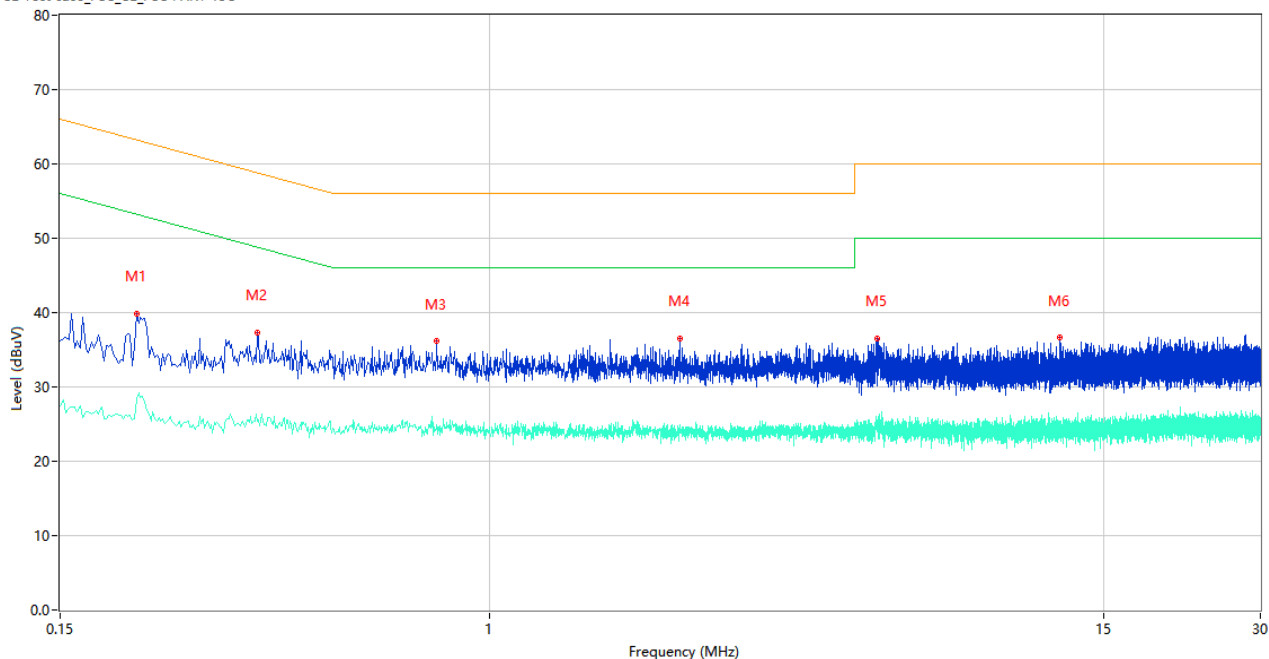


| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.220           | 40.05          | 9.77        | 62.82        | 22.77       | Peak     | L    | Pass    |
| 1** | 0.220           | 27.49          | 9.77        | 52.82        | 25.33       | AV       | L    | Pass    |
| 2   | 0.342           | 37.71          | 10.60       | 59.15        | 21.44       | Peak     | L    | Pass    |
| 2** | 0.342           | 25.60          | 10.60       | 49.15        | 23.55       | AV       | L    | Pass    |
| 3   | 0.484           | 36.03          | 10.00       | 56.27        | 20.24       | Peak     | L    | Pass    |
| 3** | 0.484           | 24.64          | 10.00       | 46.27        | 21.63       | AV       | L    | Pass    |
| 4   | 1.078           | 35.60          | 10.07       | 56.00        | 20.40       | Peak     | L    | Pass    |
| 4** | 1.078           | 24.13          | 10.07       | 46.00        | 21.87       | AV       | L    | Pass    |
| 5   | 5.538           | 36.10          | 10.51       | 60.00        | 23.90       | Peak     | L    | Pass    |
| 5** | 5.538           | 24.37          | 10.51       | 50.00        | 25.63       | AV       | L    | Pass    |
| 6   | 11.218          | 36.05          | 10.72       | 60.00        | 23.95       | Peak     | L    | Pass    |
| 6** | 11.218          | 24.56          | 10.72       | 50.00        | 25.44       | 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   | 0.210           | 39.84          | 9.77        | 63.21        | 23.37       | Peak     | N    | Pass    |
| 1** | 0.210           | 28.48          | 9.77        | 53.21        | 24.73       | AV       | N    | Pass    |
| 2   | 0.358           | 37.33          | 10.73       | 58.77        | 21.44       | Peak     | N    | Pass    |
| 2** | 0.358           | 25.34          | 10.73       | 48.77        | 23.43       | AV       | N    | Pass    |
| 3   | 0.792           | 36.17          | 10.47       | 56.00        | 19.83       | Peak     | N    | Pass    |
| 3** | 0.792           | 24.90          | 10.47       | 46.00        | 21.10       | AV       | N    | Pass    |
| 4   | 2.312           | 36.52          | 10.24       | 56.00        | 19.48       | Peak     | N    | Pass    |
| 4** | 2.312           | 24.95          | 10.24       | 46.00        | 21.05       | AV       | N    | Pass    |
| 5   | 5.518           | 36.52          | 10.44       | 60.00        | 23.48       | Peak     | N    | Pass    |
| 5** | 5.518           | 25.00          | 10.44       | 50.00        | 25.00       | AV       | N    | Pass    |
| 6   | 12.380          | 36.63          | 10.82       | 60.00        | 23.37       | Peak     | N    | Pass    |
| 6** | 12.380          | 23.88          | 10.82       | 50.00        | 26.12       | AV       | N    | Pass    |

## A.8 Radiated Spurious 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 C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note <sup>3</sup>: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

Note <sup>4</sup>: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

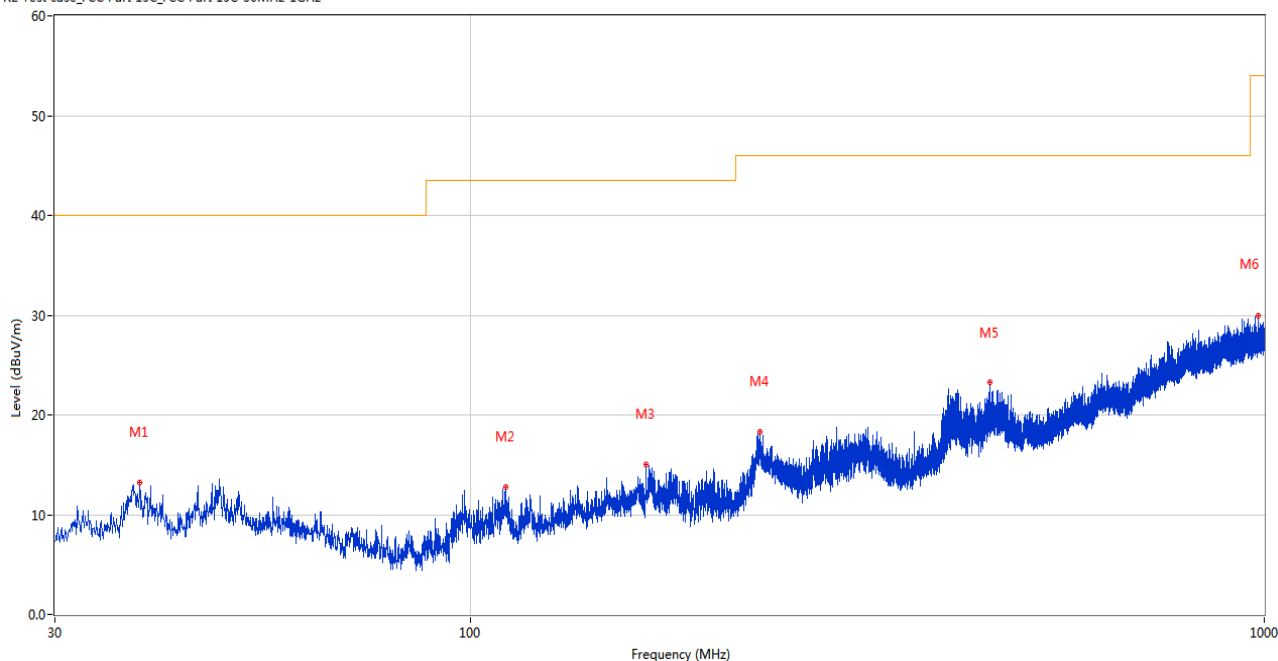
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

### Test Data and Plots

#### Left Earphone:

30 MHz to 1 GHz, ANT H

RE Test case\_FCC Part 15C\_FCC Part 15C-30MHz-1GHz

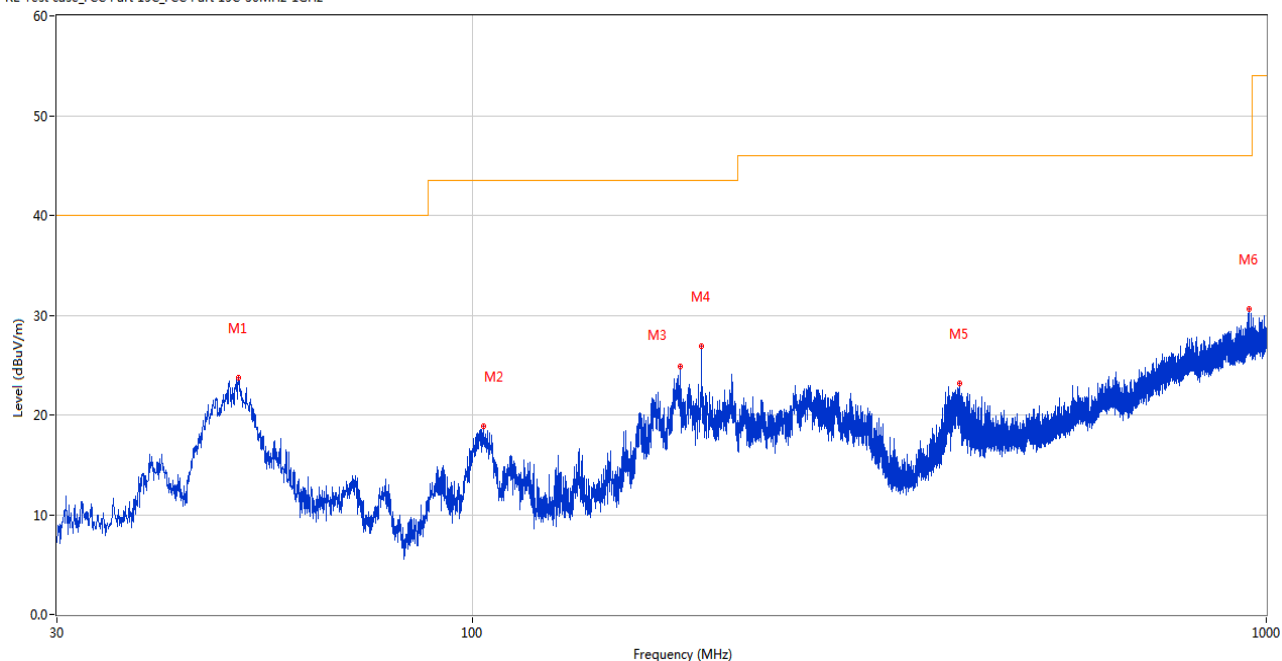


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 38.391          | 13.27            | -26.79      | 40.0           | 26.73       | Peak     | 167.00         | 100         | Horizontal | Pass    |
| 2   | 110.801         | 12.81            | -28.78      | 43.5           | 30.69       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 3   | 166.382         | 15.06            | -25.28      | 43.5           | 28.44       | Peak     | 93.00          | 200         | Horizontal | Pass    |
| 4   | 231.663         | 18.35            | -27.88      | 46.0           | 27.65       | Peak     | 166.00         | 100         | Horizontal | Pass    |
| 5   | 451.902         | 23.26            | -19.96      | 46.0           | 22.74       | Peak     | 331.00         | 100         | Horizontal | Pass    |
| 6   | 981.910         | 29.92            | -9.84       | 54.0           | 24.08       | Peak     | 17.00          | 200         | Horizontal | Pass    |



## 30 MHz to 1 GHz, ANT V

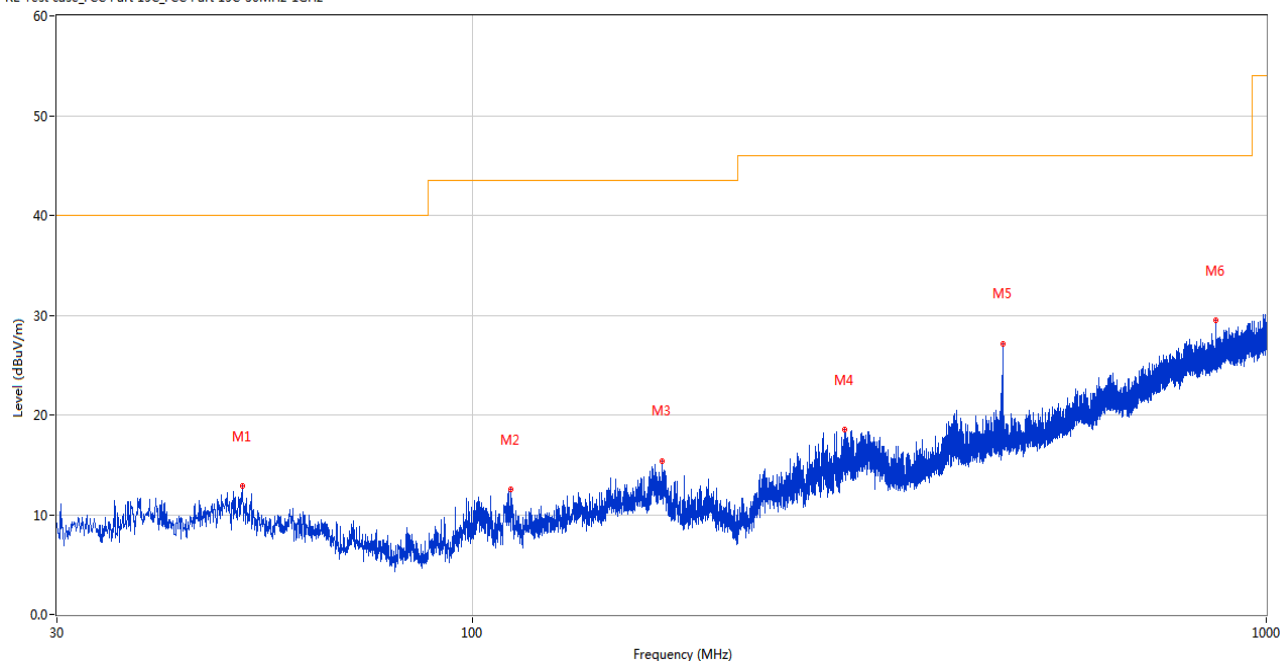
RE Test case\_FCC Part 15C\_FCC Part 15C:30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 50.806          | 23.72            | -26.36      | 40.0           | 16.28       | Peak     | 165.00         | 100         | Vertical | Pass    |
| 2   | 103.429         | 18.85            | -29.62      | 43.5           | 24.65       | Peak     | 179.00         | 100         | Vertical | Pass    |
| 3   | 182.678         | 24.88            | -27.93      | 43.5           | 18.62       | Peak     | 5.00           | 100         | Vertical | Pass    |
| 4   | 194.415         | 26.86            | -28.49      | 43.5           | 16.64       | Peak     | 354.00         | 100         | Vertical | Pass    |
| 5   | 410.579         | 23.17            | -21.16      | 46.0           | 22.83       | Peak     | 127.00         | 200         | Vertical | Pass    |
| 6   | 950.142         | 30.60            | -9.83       | 46.0           | 15.40       | Peak     | 37.00          | 100         | Vertical | Pass    |

**Right Earphone:****30 MHz to 1 GHz, ANT H**

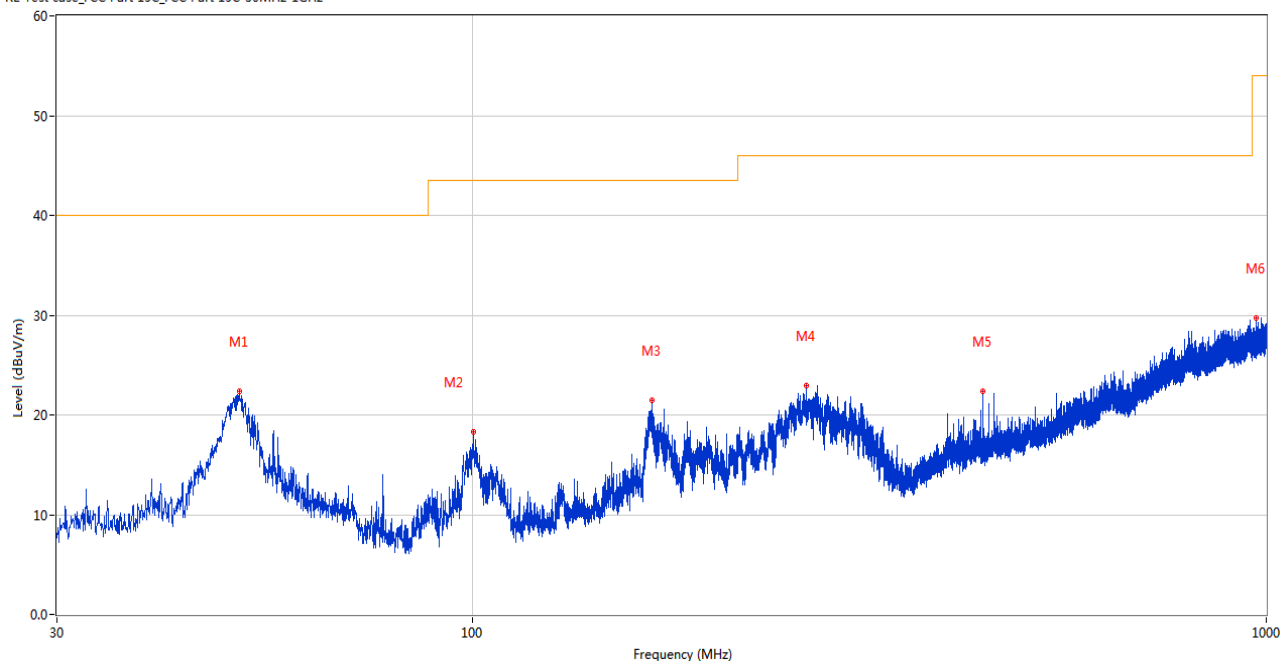
RE Test case\_FCC Part 15C\_FCC Part 15C:30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 51.389          | 12.90            | -26.41      | 40.0           | 27.10       | Peak     | 272.00         | 100         | Horizontal | Pass    |
| 2   | 111.965         | 12.51            | -28.64      | 43.5           | 30.99       | Peak     | 352.00         | 200         | Horizontal | Pass    |
| 3   | 173.269         | 15.41            | -26.17      | 43.5           | 28.09       | Peak     | 218.00         | 200         | Horizontal | Pass    |
| 4   | 294.762         | 18.52            | -24.86      | 46.0           | 27.48       | Peak     | 117.00         | 100         | Horizontal | Pass    |
| 5   | 465.870         | 27.16            | -19.62      | 46.0           | 18.84       | Peak     | 83.00          | 100         | Horizontal | Pass    |
| 6   | 864.006         | 29.46            | -11.57      | 46.0           | 16.54       | Peak     | 103.00         | 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   | 50.952          | 22.39            | -26.24      | 40.0           | 17.61       | Peak     | 235.00         | 100         | Vertical | Pass    |
| 2   | 100.422         | 18.32            | -30.04      | 43.5           | 25.18       | Peak     | 199.00         | 100         | Vertical | Pass    |
| 3   | 168.370         | 21.49            | -25.59      | 43.5           | 22.01       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 4   | 263.528         | 22.95            | -26.31      | 46.0           | 23.05       | Peak     | 136.00         | 100         | Vertical | Pass    |
| 5   | 439.098         | 22.39            | -20.98      | 46.0           | 23.61       | Peak     | 144.00         | 200         | Vertical | Pass    |
| 6   | 971.288         | 29.69            | -9.92       | 54.0           | 24.31       | Peak     | 349.00         | 100         | Vertical | Pass    |



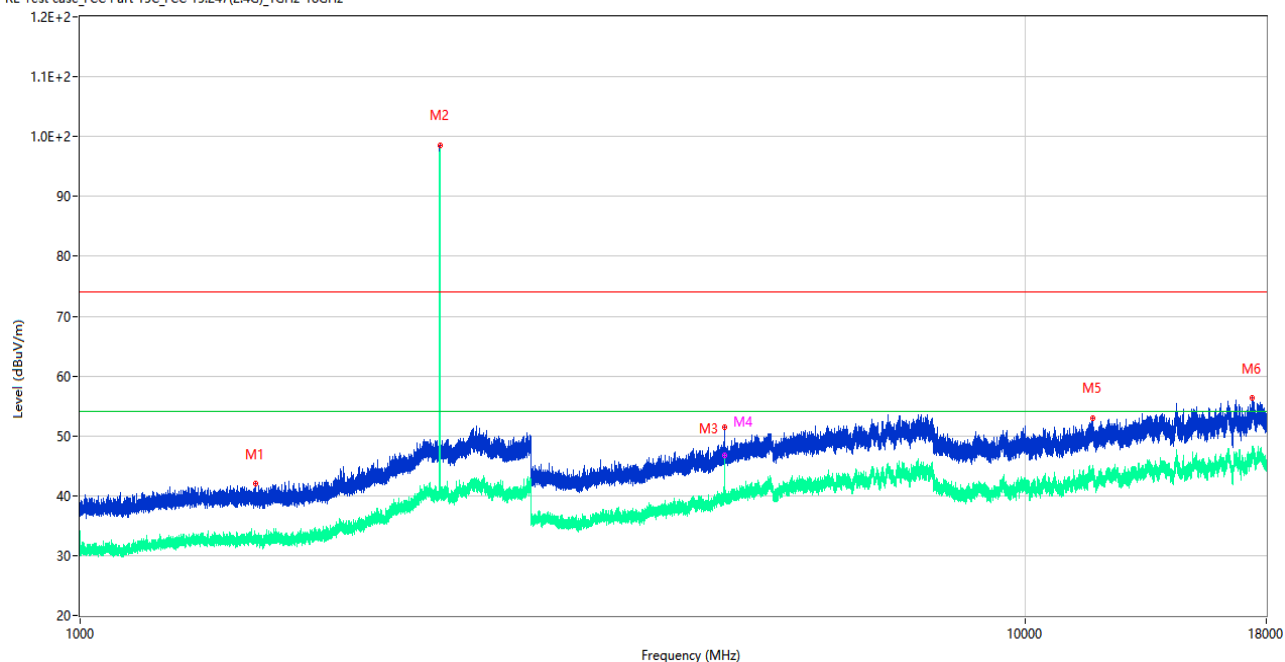
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious from 18GHz-25GHz is noise only, do not show on the report.

### Left Earphone:

#### FSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

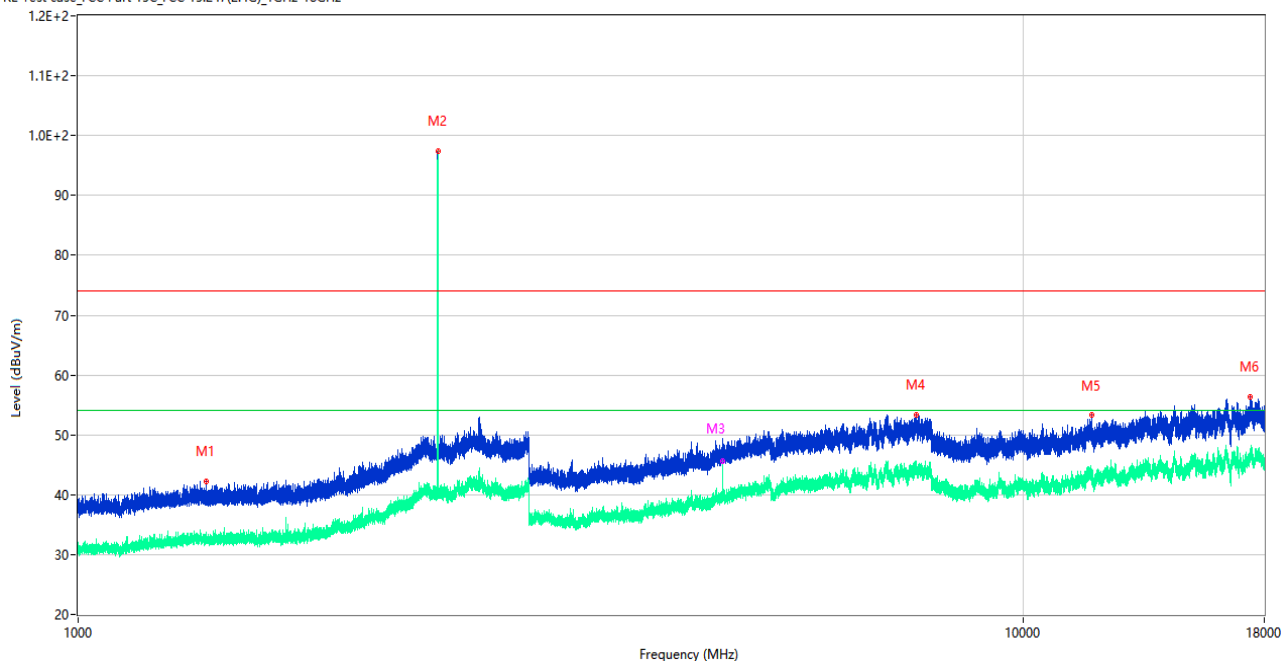
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1534.000        | 41.98            | -17.17      | 74.0           | 32.02       | Peak     | 69.00          | 200         | Horizontal | Pass    |
| 1** | 1534.000        | 32.55            | -17.17      | 54.0           | 21.45       | AV       | 69.00          | 200         | Horizontal | Pass    |
| 2   | 2401.800        | 98.57            | -10.63      | 74.0           | -24.57      | Peak     | 152.00         | 200         | Horizontal | N/A     |
| 2** | 2401.800        | 97.91            | -10.63      | 54.0           | -43.91      | AV       | 152.00         | 200         | Horizontal | N/A     |
| 3   | 4804.000        | 51.43            | -3.32       | 74.0           | 22.57       | Peak     | 262.00         | 100         | Horizontal | Pass    |
| 3** | 4804.000        | 46.58            | -3.32       | 54.0           | 7.42        | AV       | 262.00         | 100         | Horizontal | Pass    |
| 4   | 4804.250        | 51.18            | -3.21       | 74.0           | 22.82       | Peak     | 241.00         | 200         | Horizontal | Pass    |
| 4** | 4804.250        | 46.73            | -3.21       | 54.0           | 7.27        | AV       | 241.00         | 200         | Horizontal | Pass    |
| 5   | 11795.724       | 52.98            | -0.15       | 74.0           | 21.02       | Peak     | 53.00          | 400         | Horizontal | Pass    |
| 5** | 11795.724       | 43.78            | -0.15       | 54.0           | 10.22       | AV       | 53.00          | 400         | Horizontal | Pass    |
| 6   | 17412.526       | 56.30            | 5.46        | 74.0           | 17.70       | Peak     | 104.00         | 400         | Horizontal | Pass    |
| 6** | 17412.526       | 46.74            | 5.46        | 54.0           | 7.26        | AV       | 104.00         | 400         | Horizontal | Pass    |

## GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

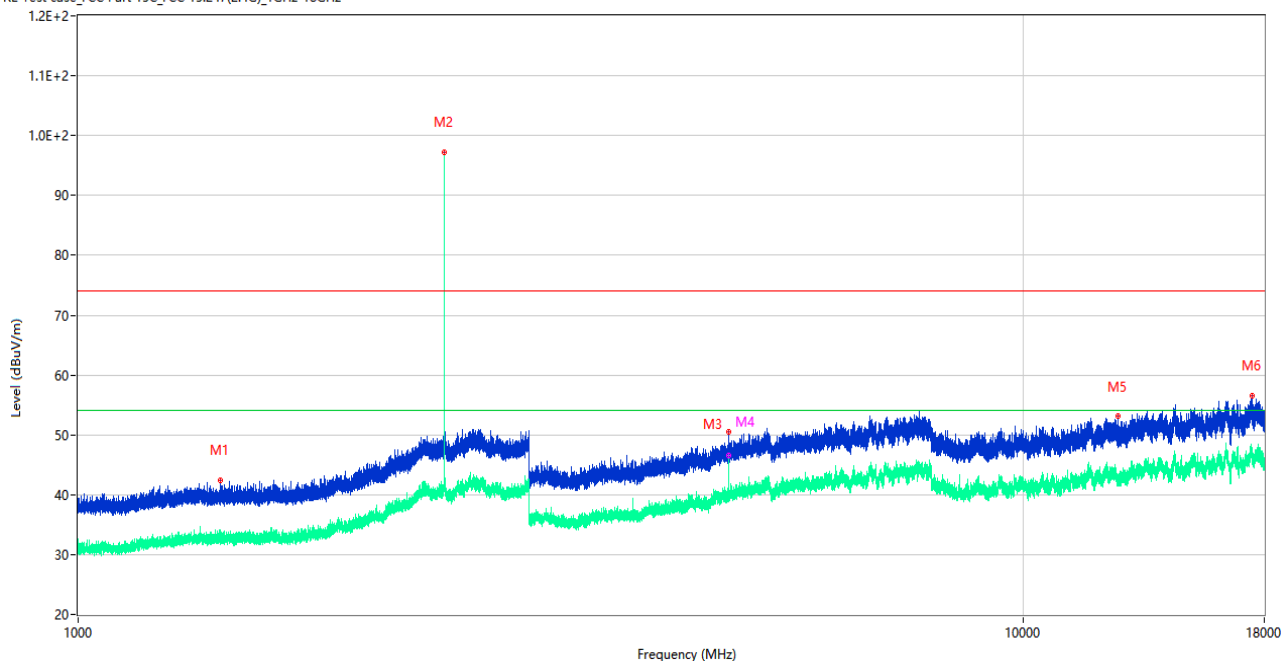
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1364.800        | 42.29            | -17.13      | 74.0           | 31.71       | Peak     | 132.00         | 300         | Vertical | Pass    |
| 1** | 1364.800        | 32.14            | -17.13      | 54.0           | 21.86       | AV       | 132.00         | 300         | Vertical | Pass    |
| 2   | 2401.900        | 97.49            | -10.62      | 74.0           | -23.49      | Peak     | 151.00         | 200         | Vertical | N/A     |
| 2** | 2401.900        | 96.93            | -10.62      | 54.0           | -42.93      | AV       | 151.00         | 200         | Vertical | N/A     |
| 3   | 4804.000        | 48.36            | -3.32       | 74.0           | 25.64       | Peak     | 92.00          | 200         | Vertical | Pass    |
| 3** | 4804.000        | 45.69            | -3.32       | 54.0           | 8.31        | AV       | 92.00          | 200         | Vertical | Pass    |
| 4   | 7711.250        | 53.36            | 1.79        | 74.0           | 20.64       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 4** | 7711.250        | 45.44            | 1.79        | 54.0           | 8.56        | AV       | 360.00         | 100         | Vertical | Pass    |
| 5   | 11812.350       | 53.26            | -0.29       | 74.0           | 20.74       | Peak     | 4.00           | 300         | Vertical | Pass    |
| 5** | 11812.350       | 43.01            | -0.29       | 54.0           | 10.99       | AV       | 4.00           | 300         | Vertical | Pass    |
| 6   | 17393.887       | 56.39            | 5.14        | 74.0           | 17.61       | Peak     | 113.00         | 300         | Vertical | Pass    |
| 6** | 17393.887       | 46.87            | 5.14        | 54.0           | 7.13        | AV       | 113.00         | 300         | Vertical | Pass    |

## GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

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

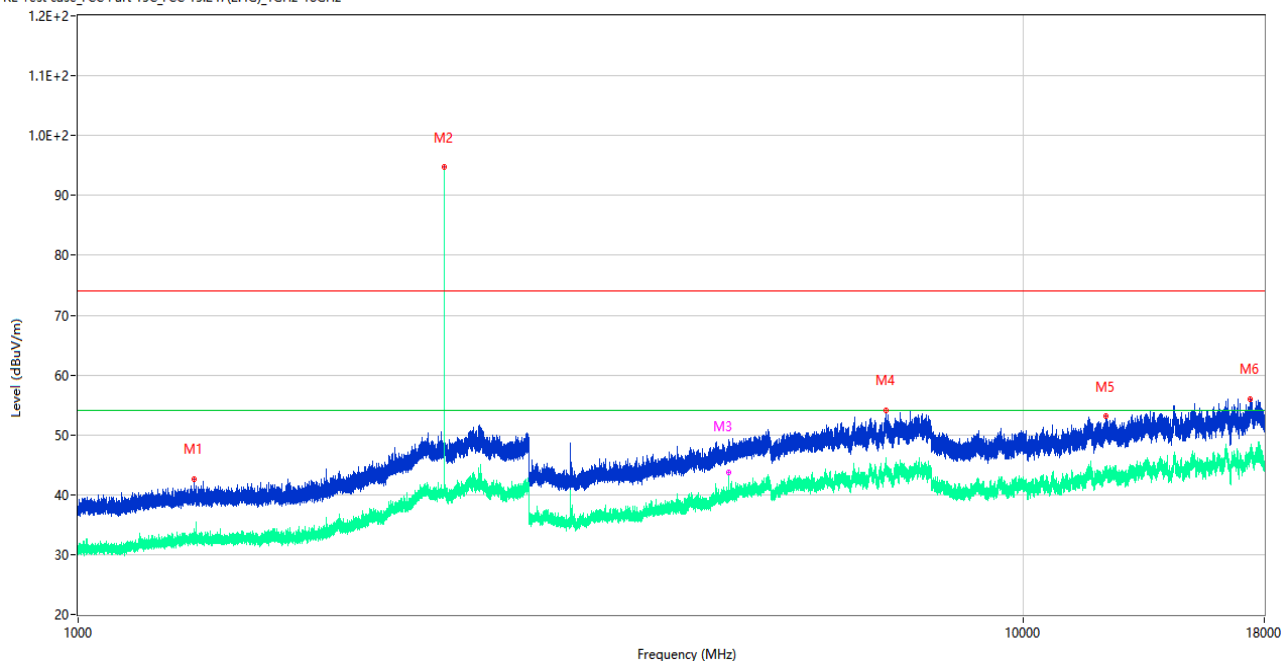


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1415.900        | 42.45            | -16.94      | 74.0           | 31.55       | Peak     | 117.00         | 200         | Horizontal | Pass    |
| 1** | 1415.900        | 32.86            | -16.94      | 54.0           | 21.14       | AV       | 117.00         | 200         | Horizontal | Pass    |
| 2   | 2440.900        | 97.24            | -9.79       | 74.0           | -23.24      | Peak     | 152.00         | 200         | Horizontal | N/A     |
| 2** | 2440.900        | 96.64            | -9.79       | 54.0           | -42.64      | AV       | 152.00         | 200         | Horizontal | N/A     |
| 3   | 4881.500        | 50.48            | -3.84       | 74.0           | 23.52       | Peak     | 36.00          | 100         | Horizontal | Pass    |
| 3** | 4881.500        | 41.39            | -3.84       | 54.0           | 12.61       | AV       | 36.00          | 100         | Horizontal | Pass    |
| 4   | 4882.000        | 50.17            | -3.73       | 74.0           | 23.83       | Peak     | 75.00          | 200         | Horizontal | Pass    |
| 4** | 4882.000        | 46.50            | -3.73       | 54.0           | 7.50        | AV       | 75.00          | 200         | Horizontal | Pass    |
| 5   | 12610.588       | 53.06            | 0.22        | 74.0           | 20.94       | Peak     | 58.00          | 300         | Horizontal | Pass    |
| 5** | 12610.588       | 42.62            | 0.22        | 54.0           | 11.38       | AV       | 58.00          | 300         | Horizontal | Pass    |
| 6   | 17459.511       | 56.59            | 5.39        | 74.0           | 17.41       | Peak     | 140.00         | 200         | Horizontal | Pass    |
| 6** | 17459.511       | 46.94            | 5.39        | 54.0           | 7.06        | AV       | 140.00         | 200         | Horizontal | Pass    |



## GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

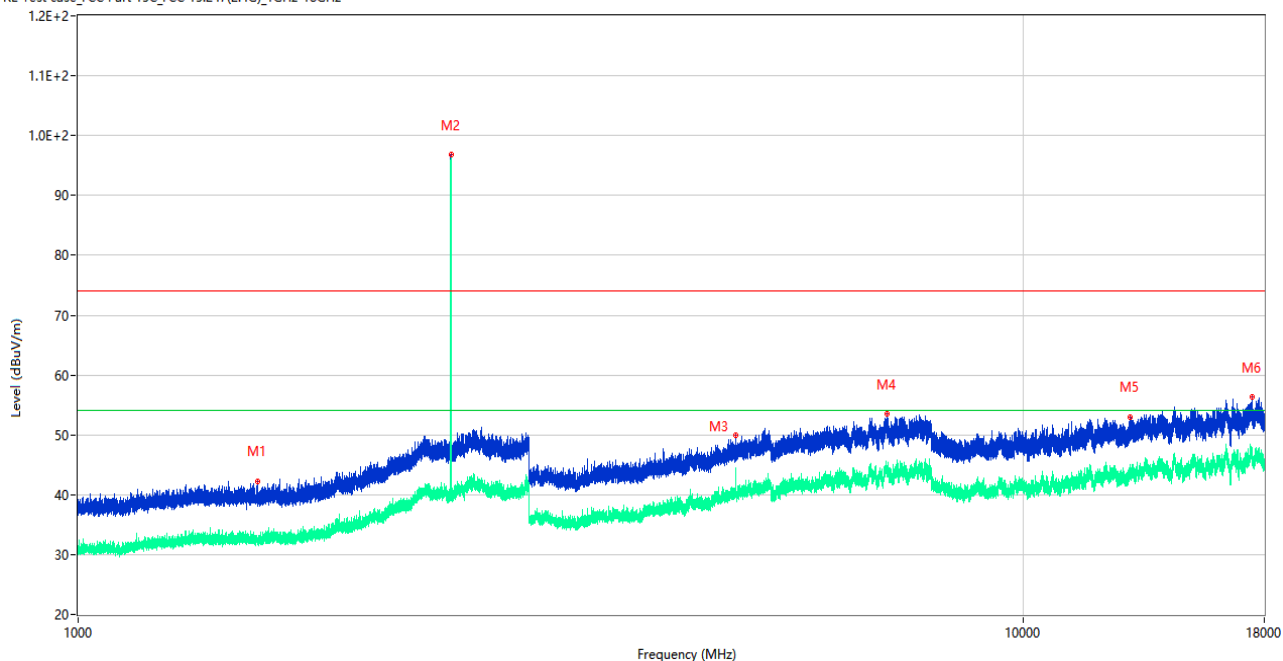
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.000        | 42.63            | -16.96      | 74.0           | 31.37       | Peak     | 220.00         | 100         | Vertical | Pass    |
| 1** | 1328.000        | 32.40            | -16.96      | 54.0           | 21.60       | AV       | 220.00         | 100         | Vertical | Pass    |
| 2   | 2440.900        | 94.75            | -9.79       | 74.0           | -20.75      | Peak     | 155.00         | 150         | Vertical | N/A     |
| 2** | 2440.900        | 94.10            | -9.79       | 54.0           | -40.10      | AV       | 155.00         | 150         | Vertical | N/A     |
| 3   | 4882.500        | 48.04            | -3.69       | 74.0           | 25.96       | Peak     | 321.00         | 200         | Vertical | Pass    |
| 3** | 4882.500        | 43.68            | -3.69       | 54.0           | 10.32       | AV       | 321.00         | 200         | Vertical | Pass    |
| 4   | 7168.000        | 54.12            | 0.34        | 74.0           | 19.88       | Peak     | 136.00         | 200         | Vertical | Pass    |
| 4** | 7168.000        | 44.83            | 0.34        | 54.0           | 9.17        | AV       | 136.00         | 200         | Vertical | Pass    |
| 5   | 12238.662       | 53.10            | 0.95        | 74.0           | 20.90       | Peak     | 31.00          | 100         | Vertical | Pass    |
| 5** | 12238.662       | 43.73            | 0.95        | 54.0           | 10.27       | AV       | 31.00          | 100         | Vertical | Pass    |
| 6   | 17380.762       | 56.05            | 4.53        | 74.0           | 17.95       | Peak     | 281.00         | 100         | Vertical | Pass    |
| 6** | 17380.762       | 46.51            | 4.53        | 54.0           | 7.49        | AV       | 281.00         | 100         | Vertical | Pass    |

## GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

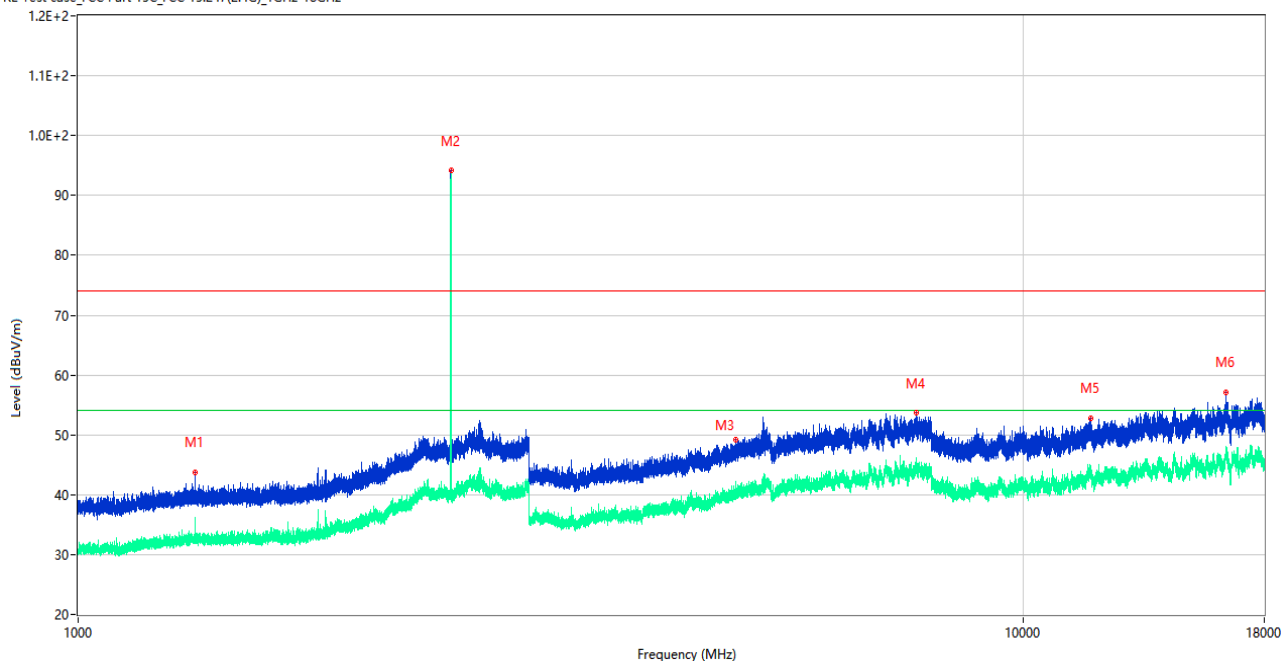
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1547.200        | 42.30            | -17.38      | 74.0           | 31.70       | Peak     | 66.00          | 400         | Horizontal | Pass    |
| 1** | 1547.200        | 32.70            | -17.38      | 54.0           | 21.30       | AV       | 66.00          | 400         | Horizontal | Pass    |
| 2   | 2480.100        | 96.82            | -11.10      | 74.0           | -22.82      | Peak     | 146.00         | 200         | Horizontal | N/A     |
| 2** | 2480.100        | 96.64            | -11.10      | 54.0           | -42.64      | AV       | 146.00         | 200         | Horizontal | N/A     |
| 3   | 4960.250        | 49.89            | -3.64       | 74.0           | 24.11       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 3** | 4960.250        | 44.48            | -3.64       | 54.0           | 9.52        | AV       | 360.00         | 200         | Horizontal | Pass    |
| 4   | 7177.750        | 53.45            | -0.02       | 74.0           | 20.55       | Peak     | 205.00         | 200         | Horizontal | Pass    |
| 4** | 7177.750        | 43.95            | -0.02       | 54.0           | 10.05       | AV       | 205.00         | 200         | Horizontal | Pass    |
| 5   | 12981.787       | 52.99            | 1.88        | 74.0           | 21.01       | Peak     | 276.00         | 400         | Horizontal | Pass    |
| 5** | 12981.787       | 43.40            | 1.88        | 54.0           | 10.60       | AV       | 276.00         | 400         | Horizontal | Pass    |
| 6   | 17462.661       | 56.31            | 5.33        | 74.0           | 17.69       | Peak     | 65.00          | 300         | Horizontal | Pass    |
| 6** | 17462.661       | 46.21            | 5.33        | 54.0           | 7.79        | AV       | 65.00          | 300         | Horizontal | Pass    |

## GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

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

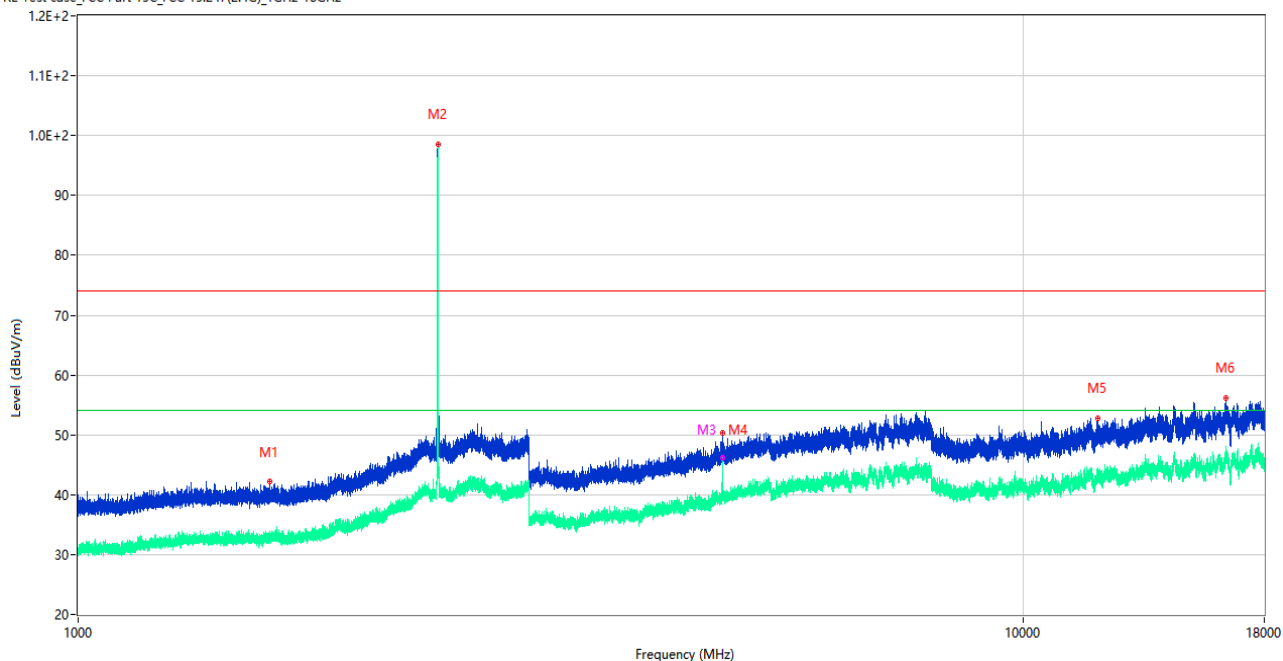


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.400        | 43.77            | -16.87      | 74.0           | 30.23       | Peak     | 237.00         | 100         | Vertical | Pass    |
| 1** | 1329.400        | 36.09            | -16.87      | 54.0           | 17.91       | AV       | 237.00         | 100         | Vertical | Pass    |
| 2   | 2479.900        | 94.16            | -11.13      | 74.0           | -20.16      | Peak     | 152.00         | 200         | Vertical | N/A     |
| 2** | 2479.900        | 93.72            | -11.13      | 54.0           | -39.72      | AV       | 152.00         | 200         | Vertical | N/A     |
| 3   | 4960.250        | 49.25            | -3.64       | 74.0           | 24.75       | Peak     | 220.00         | 100         | Vertical | Pass    |
| 3** | 4960.250        | 41.81            | -3.64       | 54.0           | 12.19       | AV       | 220.00         | 100         | Vertical | Pass    |
| 4   | 7705.250        | 53.63            | 2.03        | 74.0           | 20.37       | Peak     | 327.00         | 100         | Vertical | Pass    |
| 4** | 7705.250        | 45.85            | 2.03        | 54.0           | 8.15        | AV       | 327.00         | 100         | Vertical | Pass    |
| 5   | 11798.575       | 52.83            | -0.15       | 74.0           | 21.17       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 5** | 11798.575       | 44.31            | -0.15       | 54.0           | 9.69        | AV       | 360.00         | 300         | Vertical | Pass    |
| 6   | 16402.949       | 57.16            | 3.13        | 74.0           | 16.84       | Peak     | 315.00         | 300         | Vertical | Pass    |
| 6** | 16402.949       | 46.65            | 3.13        | 54.0           | 7.35        | AV       | 315.00         | 300         | Vertical | Pass    |



## 8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

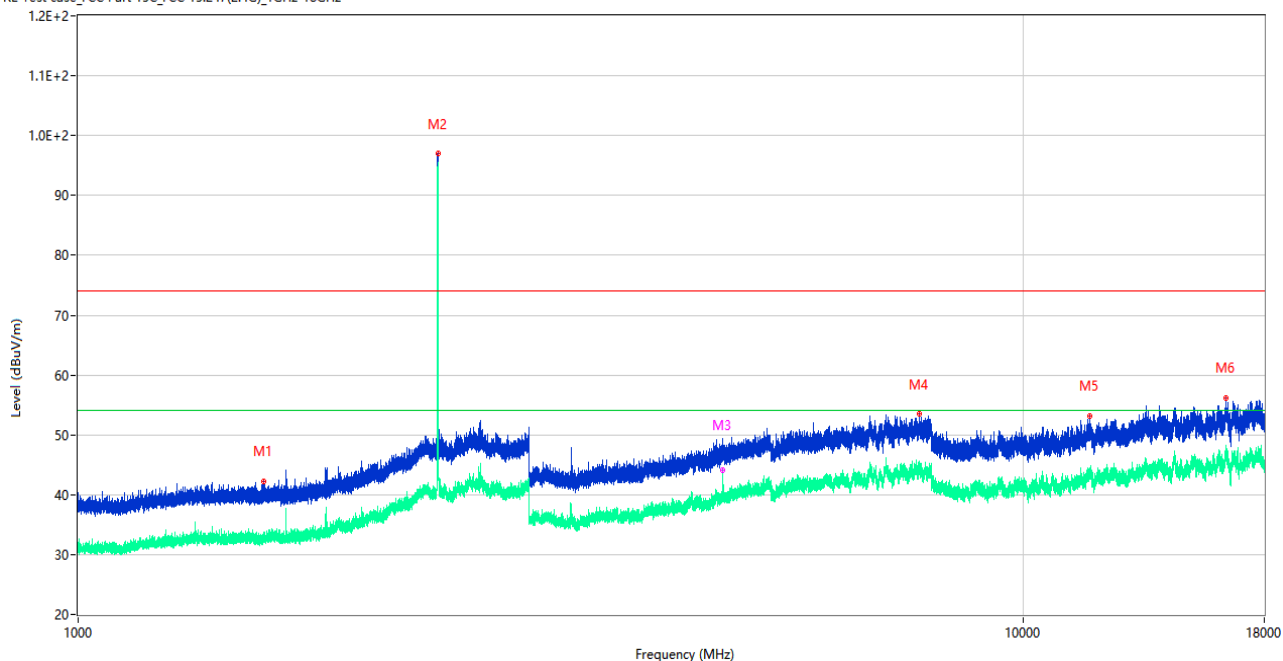
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1595.400        | 42.20            | -17.07      | 74.0           | 31.80       | Peak     | 236.00         | 300         | Horizontal | Pass    |
| 1** | 1595.400        | 32.14            | -17.07      | 54.0           | 21.86       | AV       | 236.00         | 300         | Horizontal | Pass    |
| 2   | 2402.200        | 98.60            | -10.59      | 74.0           | -24.60      | Peak     | 152.00         | 150         | Horizontal | N/A     |
| 2** | 2402.200        | 97.81            | -10.59      | 54.0           | -43.81      | AV       | 152.00         | 150         | Horizontal | N/A     |
| 3   | 4804.000        | 50.17            | -3.32       | 74.0           | 23.83       | Peak     | 241.00         | 200         | Horizontal | Pass    |
| 3** | 4804.000        | 46.22            | -3.32       | 54.0           | 7.78        | AV       | 241.00         | 200         | Horizontal | Pass    |
| 4   | 4804.250        | 50.40            | -3.21       | 74.0           | 23.60       | Peak     | 241.00         | 150         | Horizontal | Pass    |
| 4** | 4804.250        | 46.15            | -3.21       | 54.0           | 7.85        | AV       | 241.00         | 150         | Horizontal | Pass    |
| 5   | 12011.850       | 52.85            | 0.31        | 74.0           | 21.15       | Peak     | 40.00          | 400         | Horizontal | Pass    |
| 5** | 12011.850       | 42.68            | 0.31        | 54.0           | 11.32       | AV       | 40.00          | 400         | Horizontal | Pass    |
| 6   | 16385.625       | 56.20            | 2.62        | 74.0           | 17.80       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 16385.625       | 46.47            | 2.62        | 54.0           | 7.53        | AV       | 360.00         | 200         | Horizontal | Pass    |

## 8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

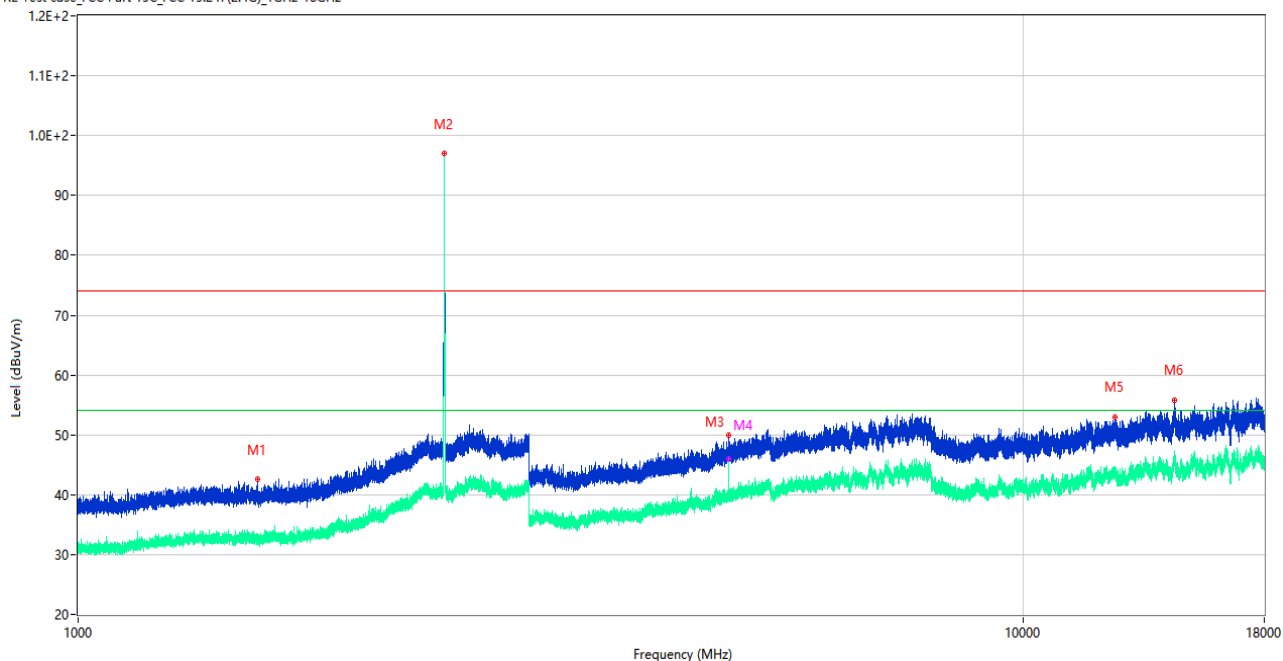
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1571.500        | 42.25            | -17.03      | 74.0           | 31.75       | Peak     | 86.00          | 400         | Vertical | Pass    |
| 1** | 1571.500        | 32.49            | -17.03      | 54.0           | 21.51       | AV       | 86.00          | 400         | Vertical | Pass    |
| 2   | 2402.000        | 96.96            | -10.61      | 74.0           | -22.96      | Peak     | 151.00         | 100         | Vertical | N/A     |
| 2** | 2402.000        | 95.41            | -10.61      | 54.0           | -41.41      | AV       | 151.00         | 100         | Vertical | N/A     |
| 3   | 4804.500        | 48.40            | -3.20       | 74.0           | 25.60       | Peak     | 154.00         | 200         | Vertical | Pass    |
| 3** | 4804.500        | 44.12            | -3.20       | 54.0           | 9.88        | AV       | 154.00         | 200         | Vertical | Pass    |
| 4   | 7769.750        | 53.48            | 1.44        | 74.0           | 20.52       | Peak     | 59.00          | 300         | Vertical | Pass    |
| 4** | 7769.750        | 44.53            | 1.44        | 54.0           | 9.47        | AV       | 59.00          | 300         | Vertical | Pass    |
| 5   | 11762.950       | 53.15            | -0.18       | 74.0           | 20.85       | Peak     | 303.00         | 300         | Vertical | Pass    |
| 5** | 11762.950       | 42.71            | -0.18       | 54.0           | 11.29       | AV       | 303.00         | 300         | Vertical | Pass    |
| 6   | 16411.088       | 56.18            | 3.02        | 74.0           | 17.82       | Peak     | 266.00         | 200         | Vertical | Pass    |
| 6** | 16411.088       | 46.94            | 3.02        | 54.0           | 7.06        | AV       | 266.00         | 200         | Vertical | Pass    |

## 8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

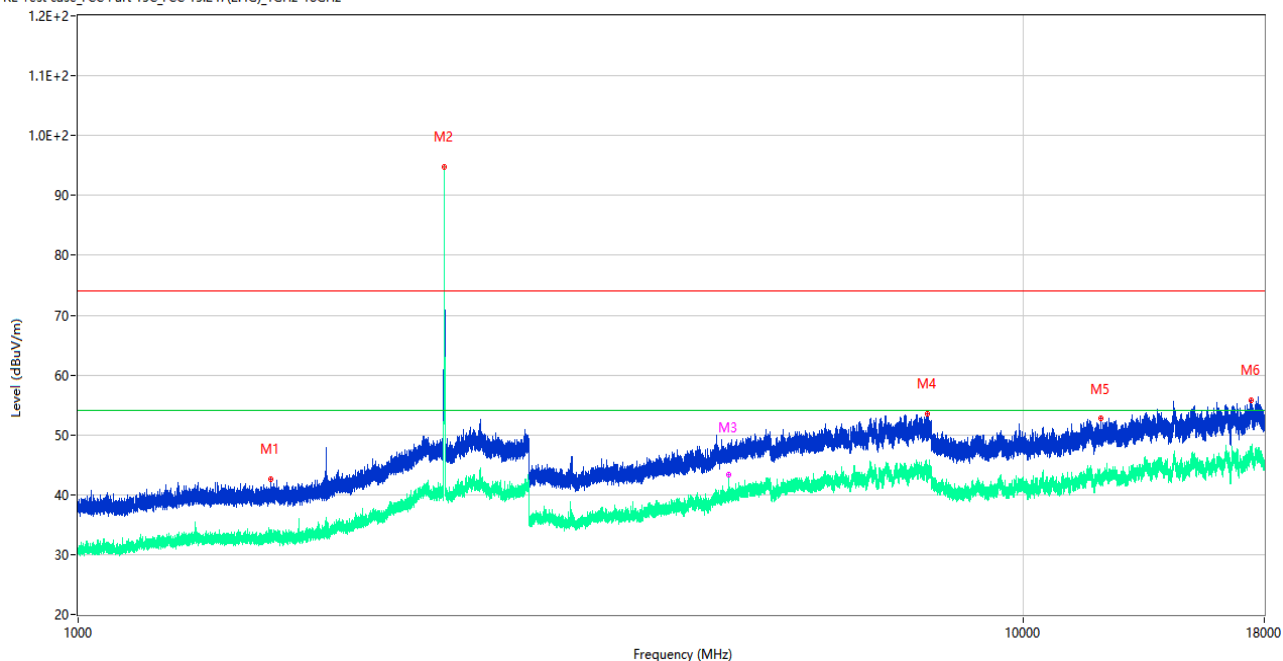
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1547.900        | 42.53            | -17.33      | 74.0           | 31.47       | Peak     | 242.00         | 400         | Horizontal | Pass    |
| 1** | 1547.900        | 32.51            | -17.33      | 54.0           | 21.49       | AV       | 242.00         | 400         | Horizontal | Pass    |
| 2   | 2441.000        | 96.98            | -9.79       | 74.0           | -22.98      | Peak     | 150.00         | 150         | Horizontal | N/A     |
| 2** | 2441.000        | 96.65            | -9.79       | 54.0           | -42.65      | AV       | 150.00         | 150         | Horizontal | N/A     |
| 3   | 4882.000        | 49.87            | -3.73       | 74.0           | 24.13       | Peak     | 259.00         | 200         | Horizontal | Pass    |
| 3** | 4882.000        | 45.26            | -3.73       | 54.0           | 8.74        | AV       | 259.00         | 200         | Horizontal | Pass    |
| 4   | 4882.250        | 49.34            | -3.72       | 74.0           | 24.66       | Peak     | 259.00         | 200         | Horizontal | Pass    |
| 4** | 4882.250        | 46.03            | -3.72       | 54.0           | 7.97        | AV       | 259.00         | 200         | Horizontal | Pass    |
| 5   | 12526.276       | 52.95            | 1.29        | 74.0           | 21.05       | Peak     | 246.00         | 400         | Horizontal | Pass    |
| 5** | 12526.276       | 43.24            | 1.29        | 54.0           | 10.76       | AV       | 246.00         | 400         | Horizontal | Pass    |
| 6   | 14461.237       | 55.84            | 3.14        | 74.0           | 18.16       | Peak     | 118.00         | 300         | Horizontal | Pass    |
| 6** | 14461.237       | 45.98            | 3.14        | 54.0           | 8.02        | AV       | 118.00         | 300         | Horizontal | Pass    |

## 8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

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

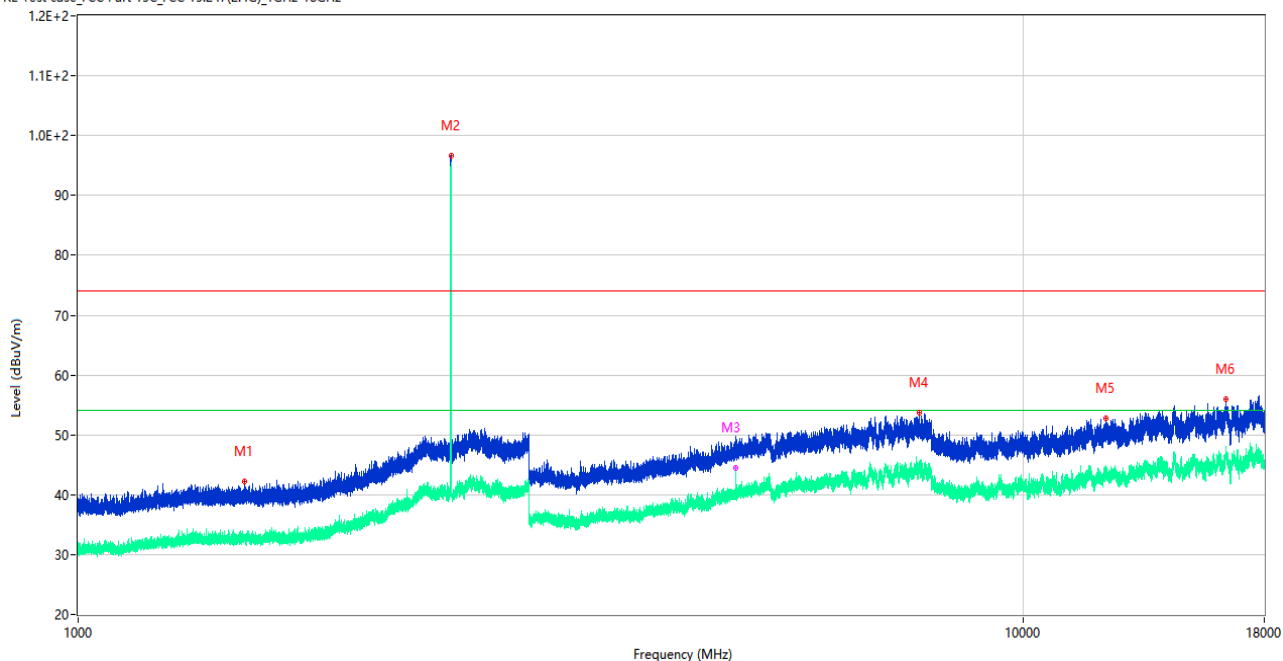


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1599.700        | 42.63            | -16.88      | 74.0           | 31.37       | Peak     | 55.00          | 300         | Vertical | Pass    |
| 1** | 1599.700        | 33.76            | -16.88      | 54.0           | 20.24       | AV       | 55.00          | 300         | Vertical | Pass    |
| 2   | 2441.000        | 94.85            | -9.79       | 74.0           | -20.85      | Peak     | 157.00         | 100         | Vertical | N/A     |
| 2** | 2441.000        | 92.75            | -9.79       | 54.0           | -38.75      | AV       | 157.00         | 100         | Vertical | N/A     |
| 3   | 4882.250        | 47.73            | -3.72       | 74.0           | 26.27       | Peak     | 193.00         | 200         | Vertical | Pass    |
| 3** | 4882.250        | 43.37            | -3.72       | 54.0           | 10.63       | AV       | 193.00         | 200         | Vertical | Pass    |
| 4   | 7929.000        | 53.52            | 1.95        | 74.0           | 20.48       | Peak     | 298.00         | 300         | Vertical | Pass    |
| 4** | 7929.000        | 43.99            | 1.95        | 54.0           | 10.01       | AV       | 298.00         | 300         | Vertical | Pass    |
| 5   | 12089.037       | 52.73            | -0.20       | 74.0           | 21.27       | Peak     | 153.00         | 100         | Vertical | Pass    |
| 5** | 12089.037       | 42.68            | -0.20       | 54.0           | 11.32       | AV       | 153.00         | 100         | Vertical | Pass    |
| 6   | 17418.562       | 55.87            | 5.48        | 74.0           | 18.13       | Peak     | 289.00         | 300         | Vertical | Pass    |
| 6** | 17418.562       | 47.31            | 5.48        | 54.0           | 6.69        | AV       | 289.00         | 300         | Vertical | Pass    |



## 8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

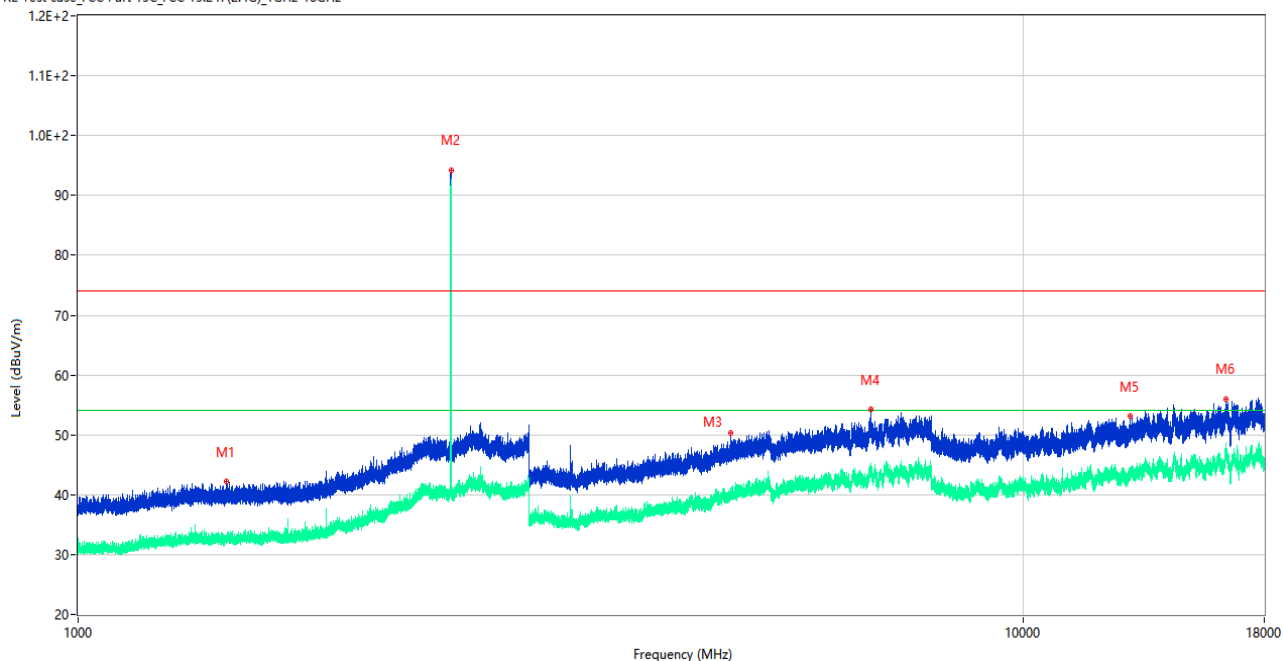
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1499.900        | 42.28            | -16.93      | 74.0           | 31.72       | Peak     | 103.00         | 400         | Horizontal | Pass    |
| 1** | 1499.900        | 33.05            | -16.93      | 54.0           | 20.95       | AV       | 103.00         | 400         | Horizontal | Pass    |
| 2   | 2479.900        | 96.72            | -11.13      | 74.0           | -22.72      | Peak     | 144.00         | 200         | Horizontal | N/A     |
| 2** | 2479.900        | 95.23            | -11.13      | 54.0           | -41.23      | AV       | 144.00         | 200         | Horizontal | N/A     |
| 3   | 4960.250        | 49.78            | -3.64       | 74.0           | 24.22       | Peak     | 37.00          | 200         | Horizontal | Pass    |
| 3** | 4960.250        | 44.50            | -3.64       | 54.0           | 9.50        | AV       | 37.00          | 200         | Horizontal | Pass    |
| 4   | 7758.750        | 53.73            | 1.59        | 74.0           | 20.27       | Peak     | 77.00          | 200         | Horizontal | Pass    |
| 4** | 7758.750        | 44.59            | 1.59        | 54.0           | 9.41        | AV       | 77.00          | 200         | Horizontal | Pass    |
| 5   | 12225.362       | 52.85            | 0.76        | 74.0           | 21.15       | Peak     | 319.00         | 300         | Horizontal | Pass    |
| 5** | 12225.362       | 43.09            | 0.76        | 54.0           | 10.91       | AV       | 319.00         | 300         | Horizontal | Pass    |
| 6   | 16403.739       | 55.97            | 3.12        | 74.0           | 18.03       | Peak     | 50.00          | 100         | Horizontal | Pass    |
| 6** | 16403.739       | 46.94            | 3.12        | 54.0           | 7.06        | AV       | 50.00          | 100         | Horizontal | Pass    |

## 8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

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

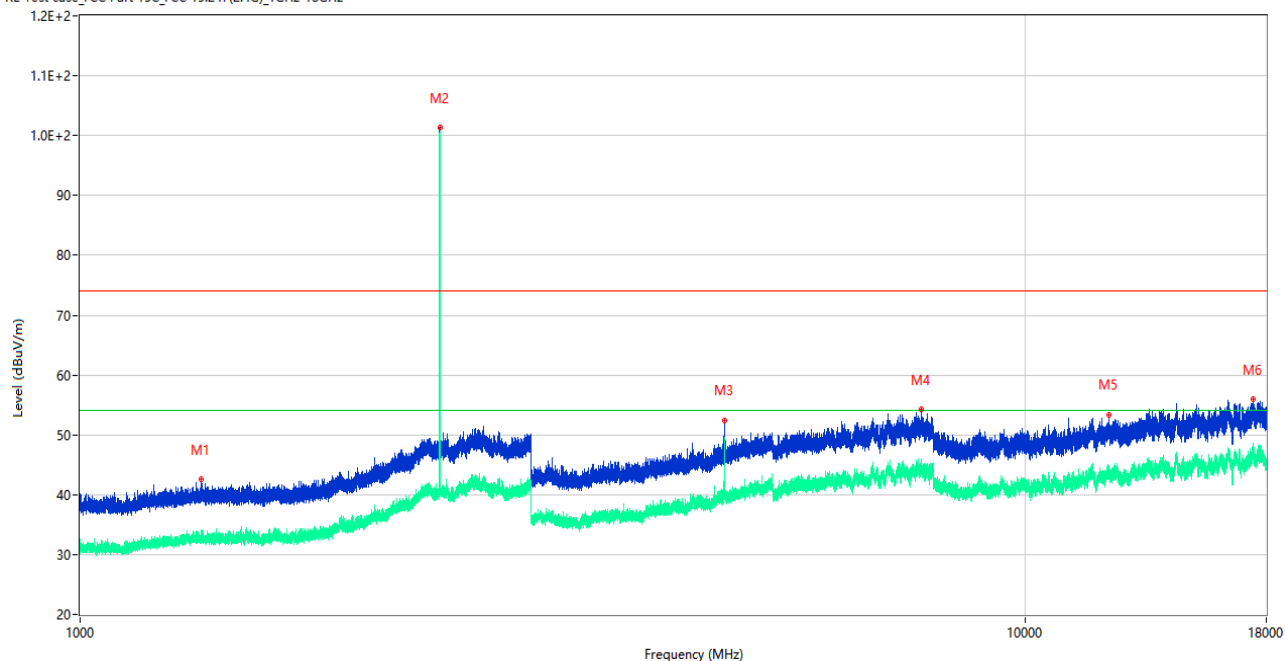


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1434.700        | 42.19            | -17.01      | 74.0           | 31.81       | Peak     | 357.00         | 200         | Vertical | Pass    |
| 1** | 1434.700        | 32.62            | -17.01      | 54.0           | 21.38       | AV       | 357.00         | 200         | Vertical | Pass    |
| 2   | 2479.900        | 94.21            | -11.13      | 74.0           | -20.21      | Peak     | 154.00         | 150         | Vertical | N/A     |
| 2** | 2479.900        | 92.25            | -11.13      | 54.0           | -38.25      | AV       | 154.00         | 150         | Vertical | N/A     |
| 3   | 4901.750        | 50.32            | -3.30       | 74.0           | 23.68       | Peak     | 247.00         | 150         | Vertical | Pass    |
| 3** | 4901.750        | 40.14            | -3.30       | 54.0           | 13.86       | AV       | 247.00         | 150         | Vertical | Pass    |
| 4   | 6893.750        | 54.24            | 0.81        | 74.0           | 19.76       | Peak     | 123.00         | 200         | Vertical | Pass    |
| 4** | 6893.750        | 43.99            | 0.81        | 54.0           | 10.01       | AV       | 123.00         | 200         | Vertical | Pass    |
| 5   | 12982.575       | 53.12            | 1.88        | 74.0           | 20.88       | Peak     | 167.00         | 200         | Vertical | Pass    |
| 5** | 12982.575       | 42.98            | 1.88        | 54.0           | 11.02       | AV       | 167.00         | 200         | Vertical | Pass    |
| 6   | 16395.338       | 55.99            | 2.99        | 74.0           | 18.01       | Peak     | 198.00         | 300         | Vertical | Pass    |
| 6** | 16395.338       | 47.14            | 2.99        | 54.0           | 6.86        | AV       | 198.00         | 300         | Vertical | Pass    |

## Right Earphone:

### GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

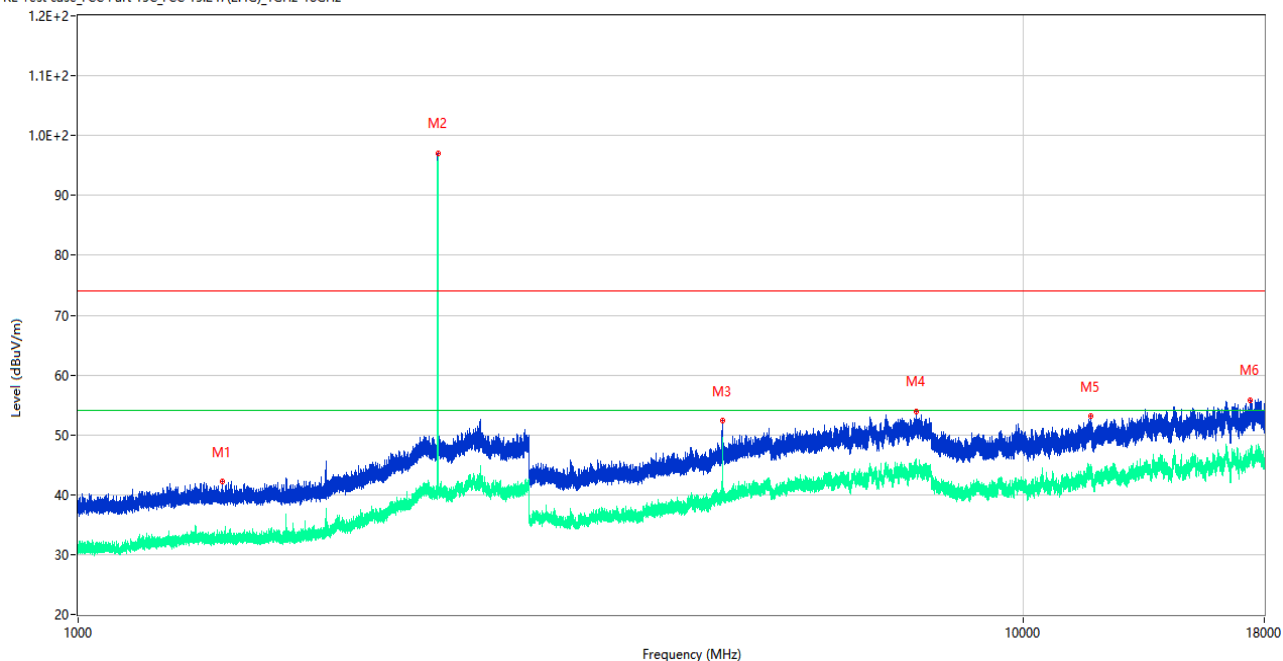
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1344.300        | 42.56            | -16.87      | 74.0           | 31.44       | Peak     | 179.00         | 400         | Horizontal | Pass    |
| 1** | 1344.300        | 33.50            | -16.87      | 54.0           | 20.50       | AV       | 179.00         | 400         | Horizontal | Pass    |
| 2   | 2401.800        | 101.31           | -10.63      | 74.0           | -27.31      | Peak     | 315.00         | 200         | Horizontal | N/A     |
| 2** | 2401.800        | 100.66           | -10.63      | 54.0           | -46.66      | AV       | 315.00         | 200         | Horizontal | N/A     |
| 3   | 4804.250        | 52.47            | -3.21       | 74.0           | 21.53       | Peak     | 240.00         | 200         | Horizontal | Pass    |
| 3** | 4804.250        | 49.60            | -3.21       | 54.0           | 4.40        | AV       | 240.00         | 200         | Horizontal | Pass    |
| 4   | 7775.500        | 54.19            | 1.28        | 74.0           | 19.81       | Peak     | 85.00          | 200         | Horizontal | Pass    |
| 4** | 7775.500        | 44.30            | 1.28        | 54.0           | 9.70        | AV       | 85.00          | 200         | Horizontal | Pass    |
| 5   | 12259.562       | 53.35            | 1.00        | 74.0           | 20.65       | Peak     | 9.00           | 100         | Horizontal | Pass    |
| 5** | 12259.562       | 43.72            | 1.00        | 54.0           | 10.28       | AV       | 9.00           | 100         | Horizontal | Pass    |
| 6   | 17441.663       | 55.91            | 5.54        | 74.0           | 18.09       | Peak     | 167.00         | 300         | Horizontal | Pass    |
| 6** | 17441.663       | 46.51            | 5.54        | 54.0           | 7.49        | AV       | 167.00         | 300         | Horizontal | Pass    |

## GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

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

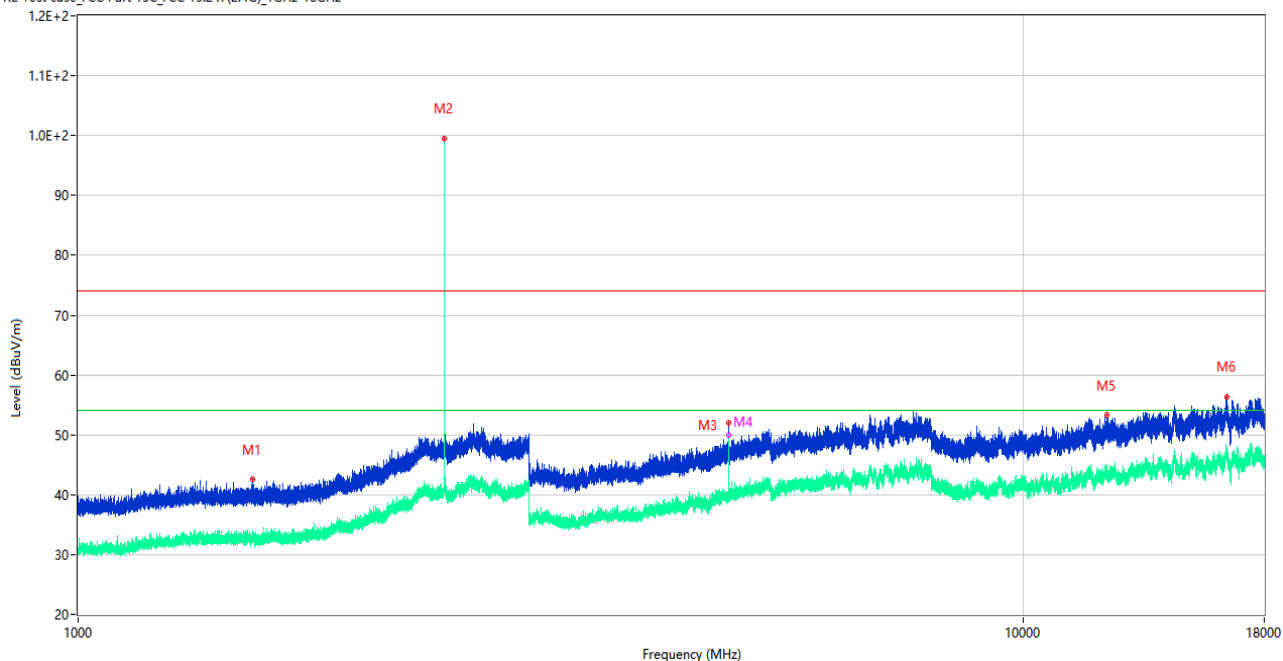


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1419.700        | 42.15            | -16.99      | 74.0           | 31.85       | Peak     | 245.00         | 400         | Vertical | Pass    |
| 1** | 1419.700        | 33.09            | -16.99      | 54.0           | 20.91       | AV       | 245.00         | 400         | Vertical | Pass    |
| 2   | 2402.100        | 97.03            | -10.60      | 74.0           | -23.03      | Peak     | 147.00         | 200         | Vertical | N/A     |
| 2** | 2402.100        | 96.77            | -10.60      | 54.0           | -42.77      | AV       | 147.00         | 200         | Vertical | N/A     |
| 3   | 4804.250        | 52.34            | -3.21       | 74.0           | 21.66       | Peak     | 224.00         | 150         | Vertical | Pass    |
| 3** | 4804.250        | 49.64            | -3.21       | 54.0           | 4.36        | AV       | 224.00         | 150         | Vertical | Pass    |
| 4   | 7706.250        | 53.93            | 1.54        | 74.0           | 20.07       | Peak     | 33.00          | 200         | Vertical | Pass    |
| 4** | 7706.250        | 44.79            | 1.54        | 54.0           | 9.21        | AV       | 33.00          | 200         | Vertical | Pass    |
| 5   | 11801.900       | 53.11            | -0.17       | 74.0           | 20.89       | Peak     | 184.00         | 300         | Vertical | Pass    |
| 5** | 11801.900       | 43.71            | -0.17       | 54.0           | 10.29       | AV       | 184.00         | 300         | Vertical | Pass    |
| 6   | 17377.614       | 55.79            | 4.38        | 74.0           | 18.21       | Peak     | 6.00           | 200         | Vertical | Pass    |
| 6** | 17377.614       | 46.57            | 4.38        | 54.0           | 7.43        | AV       | 6.00           | 200         | Vertical | Pass    |



## GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

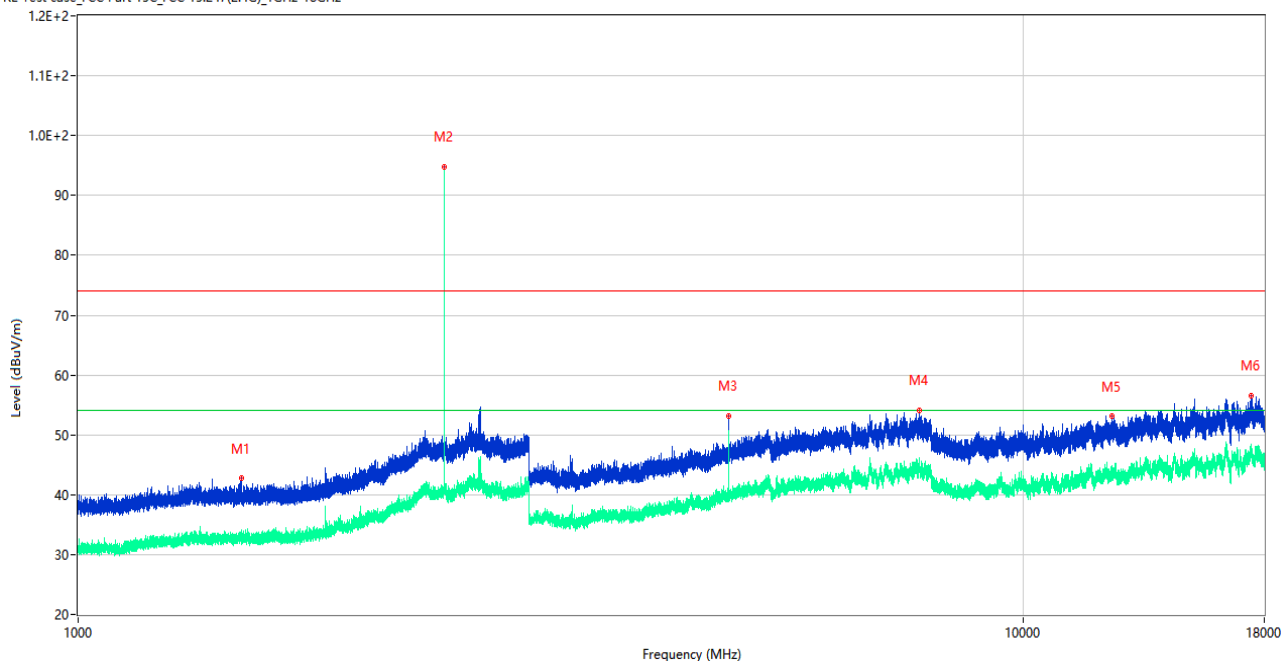
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1531.100        | 42.55            | -16.67      | 74.0           | 31.45       | Peak     | 330.00         | 100         | Horizontal | Pass    |
| 1** | 1531.100        | 32.74            | -16.67      | 54.0           | 21.26       | AV       | 330.00         | 100         | Horizontal | Pass    |
| 2   | 2440.900        | 99.52            | -9.79       | 74.0           | -25.52      | Peak     | 130.00         | 100         | Horizontal | N/A     |
| 2** | 2440.900        | 99.25            | -9.79       | 54.0           | -45.25      | AV       | 130.00         | 100         | Horizontal | N/A     |
| 3   | 4882.000        | 52.02            | -3.73       | 74.0           | 21.98       | Peak     | 243.00         | 100         | Horizontal | Pass    |
| 3** | 4882.000        | 49.37            | -3.73       | 54.0           | 4.63        | AV       | 243.00         | 100         | Horizontal | Pass    |
| 4   | 4882.250        | 51.54            | -3.72       | 74.0           | 22.46       | Peak     | 243.00         | 100         | Horizontal | Pass    |
| 4** | 4882.250        | 49.89            | -3.72       | 54.0           | 4.11        | AV       | 243.00         | 100         | Horizontal | Pass    |
| 5   | 12253.388       | 53.30            | 1.07        | 74.0           | 20.70       | Peak     | 199.00         | 100         | Horizontal | Pass    |
| 5** | 12253.388       | 43.83            | 1.07        | 54.0           | 10.17       | AV       | 199.00         | 100         | Horizontal | Pass    |
| 6   | 16444.950       | 56.40            | 2.57        | 74.0           | 17.60       | Peak     | 321.00         | 400         | Horizontal | Pass    |
| 6** | 16444.950       | 46.43            | 2.57        | 54.0           | 7.57        | AV       | 321.00         | 400         | Horizontal | Pass    |

## GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

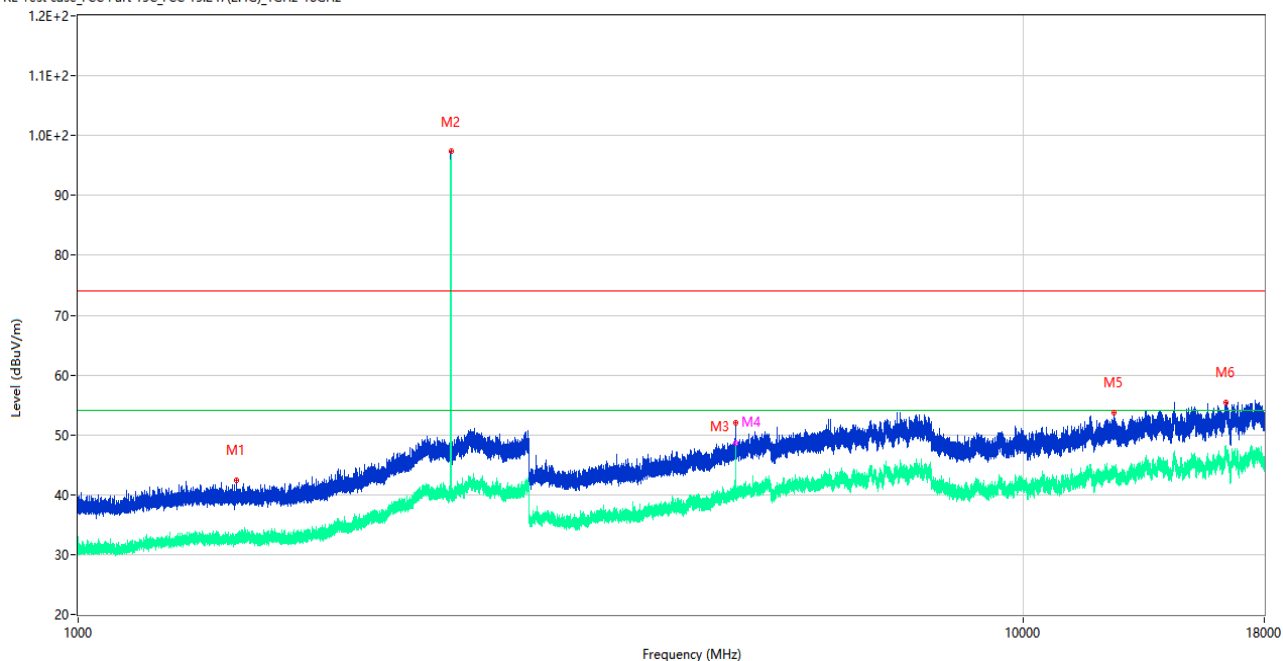
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1488.000        | 42.70            | -16.96      | 74.0           | 31.30       | Peak     | 52.00          | 400         | Vertical | Pass    |
| 1** | 1488.000        | 32.92            | -16.96      | 54.0           | 21.08       | AV       | 52.00          | 400         | Vertical | Pass    |
| 2   | 2440.800        | 94.76            | -9.79       | 74.0           | -20.76      | Peak     | 181.00         | 200         | Vertical | N/A     |
| 2** | 2440.800        | 93.89            | -9.79       | 54.0           | -39.89      | AV       | 181.00         | 200         | Vertical | N/A     |
| 3   | 4882.250        | 53.18            | -3.72       | 74.0           | 20.82       | Peak     | 219.00         | 200         | Vertical | Pass    |
| 3** | 4882.250        | 50.78            | -3.72       | 54.0           | 3.22        | AV       | 219.00         | 200         | Vertical | Pass    |
| 4   | 7766.500        | 54.18            | 1.38        | 74.0           | 19.82       | Peak     | 156.00         | 300         | Vertical | Pass    |
| 4** | 7766.500        | 44.07            | 1.38        | 54.0           | 9.93        | AV       | 156.00         | 300         | Vertical | Pass    |
| 5   | 12428.188       | 53.14            | 1.07        | 74.0           | 20.86       | Peak     | 4.00           | 300         | Vertical | Pass    |
| 5** | 12428.188       | 43.75            | 1.07        | 54.0           | 10.25       | AV       | 4.00           | 300         | Vertical | Pass    |
| 6   | 17416.462       | 56.53            | 5.47        | 74.0           | 17.47       | Peak     | 283.00         | 100         | Vertical | Pass    |
| 6** | 17416.462       | 47.34            | 5.47        | 54.0           | 6.66        | AV       | 283.00         | 100         | Vertical | Pass    |

## GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

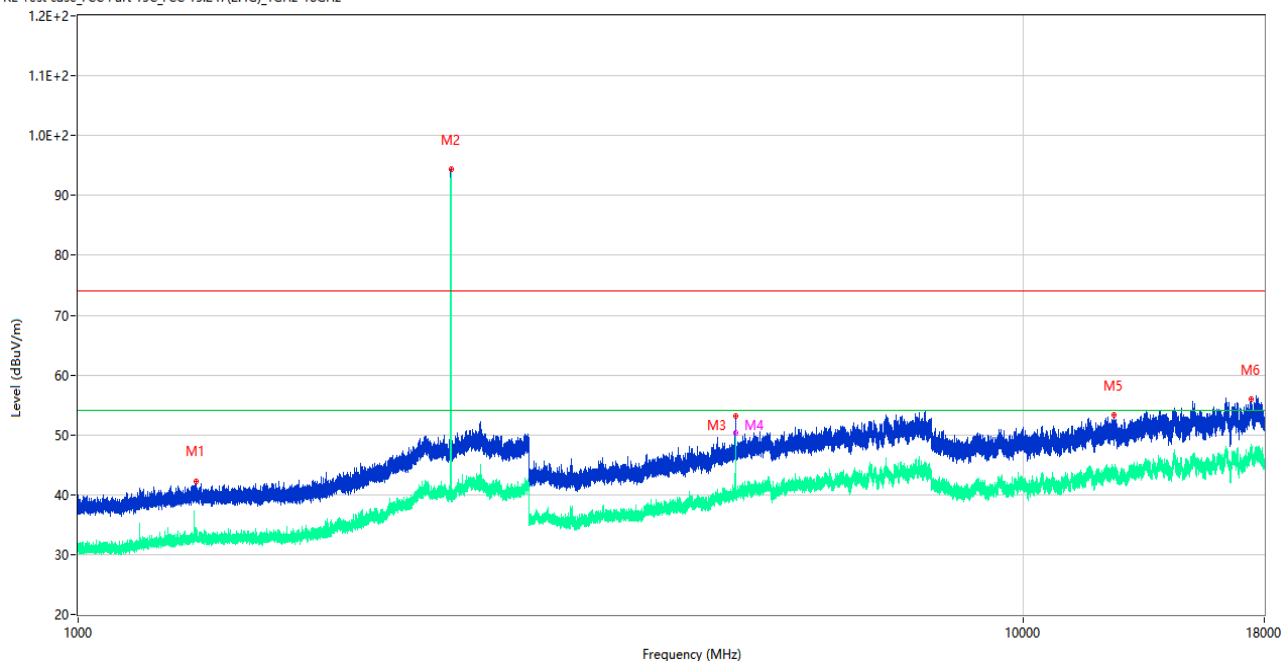
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1469.800        | 42.43            | -16.94      | 74.0           | 31.57       | Peak     | 113.00         | 400         | Horizontal | Pass    |
| 1** | 1469.800        | 32.56            | -16.94      | 54.0           | 21.44       | AV       | 113.00         | 400         | Horizontal | Pass    |
| 2   | 2480.100        | 97.34            | -11.10      | 74.0           | -23.34      | Peak     | 132.00         | 200         | Horizontal | N/A     |
| 2** | 2480.100        | 97.09            | -11.10      | 54.0           | -43.09      | AV       | 132.00         | 200         | Horizontal | N/A     |
| 3   | 4960.000        | 52.10            | -3.53       | 74.0           | 21.90       | Peak     | 243.00         | 150         | Horizontal | Pass    |
| 3** | 4960.000        | 47.63            | -3.53       | 54.0           | 6.37        | AV       | 243.00         | 150         | Horizontal | Pass    |
| 4   | 4960.250        | 51.18            | -3.64       | 74.0           | 22.82       | Peak     | 100.00         | 200         | Horizontal | Pass    |
| 4** | 4960.250        | 48.68            | -3.64       | 54.0           | 5.32        | AV       | 100.00         | 200         | Horizontal | Pass    |
| 5   | 12490.174       | 53.71            | 1.36        | 74.0           | 20.29       | Peak     | 38.00          | 400         | Horizontal | Pass    |
| 5** | 12490.174       | 42.99            | 1.36        | 54.0           | 11.01       | AV       | 38.00          | 400         | Horizontal | Pass    |
| 6   | 16389.562       | 55.47            | 2.77        | 74.0           | 18.53       | Peak     | 137.00         | 100         | Horizontal | Pass    |
| 6** | 16389.562       | 46.87            | 2.77        | 54.0           | 7.13        | AV       | 137.00         | 100         | Horizontal | Pass    |

## GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

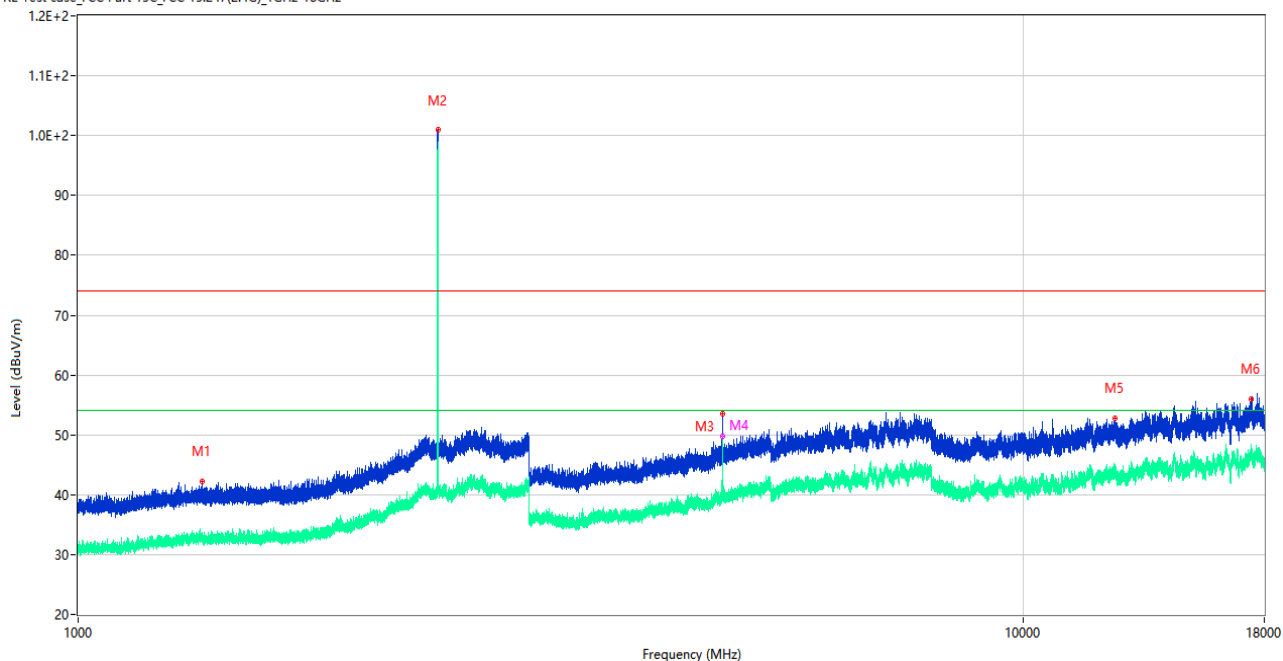
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.700        | 42.22            | -17.14      | 74.0           | 31.78       | Peak     | 342.00         | 400         | Vertical | Pass    |
| 1** | 1332.700        | 32.56            | -17.14      | 54.0           | 21.44       | AV       | 342.00         | 400         | Vertical | Pass    |
| 2   | 2479.900        | 94.37            | -11.13      | 74.0           | -20.37      | Peak     | 342.00         | 100         | Vertical | N/A     |
| 2** | 2479.900        | 93.87            | -11.13      | 54.0           | -39.87      | AV       | 342.00         | 100         | Vertical | N/A     |
| 3   | 4959.750        | 53.16            | -3.51       | 74.0           | 20.84       | Peak     | 300.00         | 200         | Vertical | Pass    |
| 3** | 4959.750        | 47.76            | -3.51       | 54.0           | 6.24        | AV       | 300.00         | 200         | Vertical | Pass    |
| 4   | 4960.250        | 52.43            | -3.64       | 74.0           | 21.57       | Peak     | 214.00         | 200         | Vertical | Pass    |
| 4** | 4960.250        | 50.34            | -3.64       | 54.0           | 3.66        | AV       | 214.00         | 200         | Vertical | Pass    |
| 5   | 12493.025       | 53.31            | 1.38        | 74.0           | 20.69       | Peak     | 230.00         | 400         | Vertical | Pass    |
| 5** | 12493.025       | 43.40            | 1.38        | 54.0           | 10.60       | AV       | 230.00         | 400         | Vertical | Pass    |
| 6   | 17438.251       | 55.92            | 5.53        | 74.0           | 18.08       | Peak     | 249.00         | 400         | Vertical | Pass    |
| 6** | 17438.251       | 47.11            | 5.53        | 54.0           | 6.89        | AV       | 249.00         | 400         | Vertical | Pass    |

## 8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

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

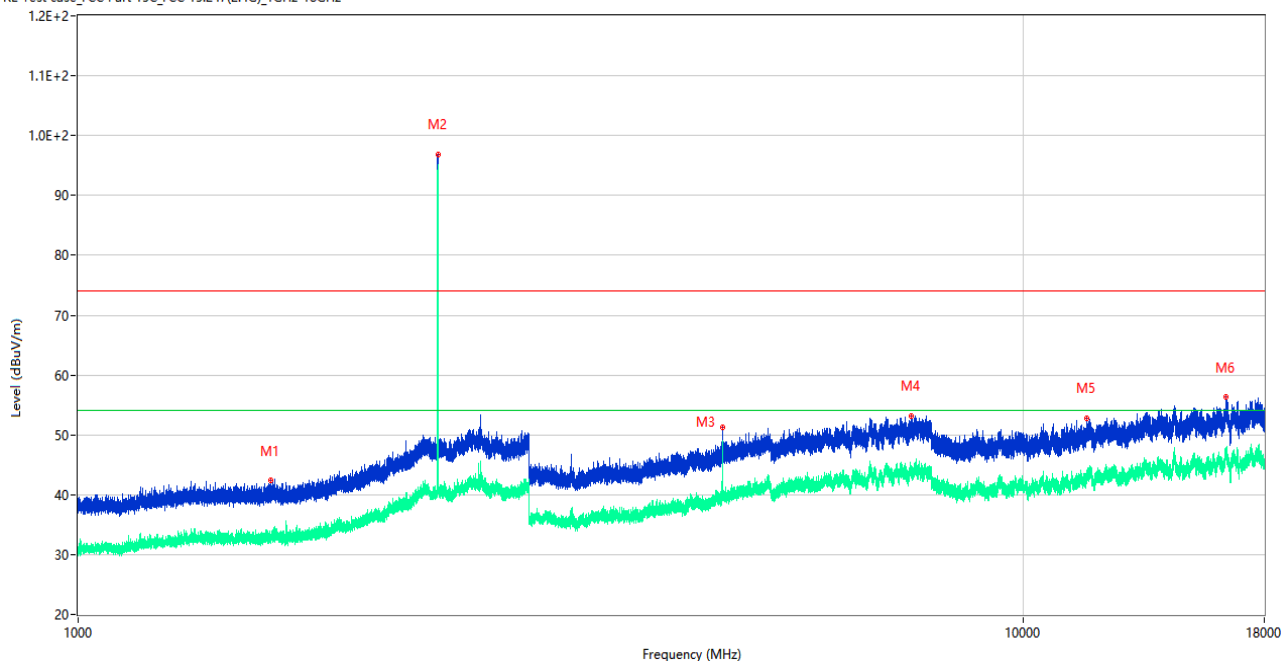


| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1353.700        | 42.28            | -17.08      | 74.0           | 31.72       | Peak     | 203.00         | 300         | Horizontal | Pass    |
| 1** | 1353.700        | 33.40            | -17.08      | 54.0           | 20.60       | AV       | 203.00         | 300         | Horizontal | Pass    |
| 2   | 2401.800        | 100.96           | -10.63      | 74.0           | -26.96      | Peak     | 318.00         | 100         | Horizontal | N/A     |
| 2** | 2401.800        | 97.75            | -10.63      | 54.0           | -43.75      | AV       | 318.00         | 100         | Horizontal | N/A     |
| 3   | 4804.000        | 53.44            | -3.32       | 74.0           | 20.56       | Peak     | 243.00         | 100         | Horizontal | Pass    |
| 3** | 4804.000        | 48.72            | -3.32       | 54.0           | 5.28        | AV       | 243.00         | 100         | Horizontal | Pass    |
| 4   | 4804.250        | 52.67            | -3.21       | 74.0           | 21.33       | Peak     | 243.00         | 200         | Horizontal | Pass    |
| 4** | 4804.250        | 49.79            | -3.21       | 54.0           | 4.21        | AV       | 243.00         | 200         | Horizontal | Pass    |
| 5   | 12525.563       | 52.79            | 1.29        | 74.0           | 21.21       | Peak     | 2.00           | 300         | Horizontal | Pass    |
| 5** | 12525.563       | 43.50            | 1.29        | 54.0           | 10.50       | AV       | 2.00           | 300         | Horizontal | Pass    |
| 6   | 17431.687       | 56.05            | 5.52        | 74.0           | 17.95       | Peak     | 171.00         | 100         | Horizontal | Pass    |
| 6** | 17431.687       | 46.46            | 5.52        | 54.0           | 7.54        | AV       | 171.00         | 100         | Horizontal | Pass    |



## 8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

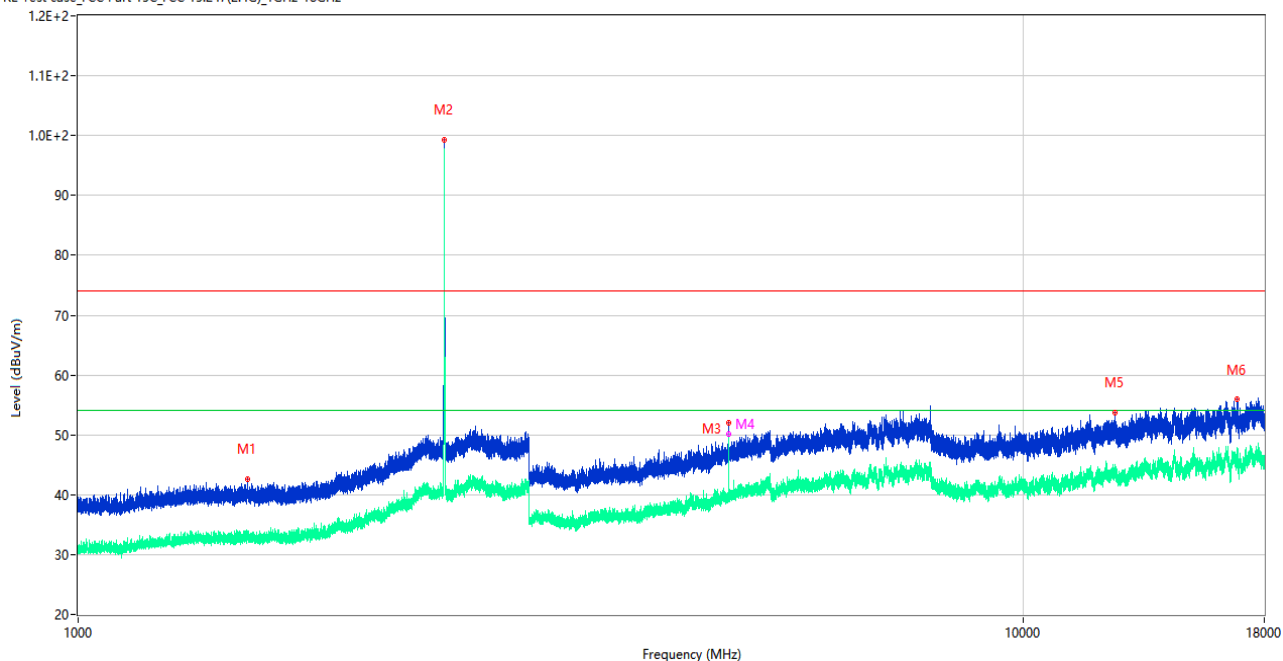
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1598.700        | 42.40            | -17.12      | 74.0           | 31.60       | Peak     | 303.00         | 100         | Vertical | Pass    |
| 1** | 1598.700        | 32.83            | -17.12      | 54.0           | 21.17       | AV       | 303.00         | 100         | Vertical | Pass    |
| 2   | 2402.100        | 96.83            | -10.60      | 74.0           | -22.83      | Peak     | 146.00         | 150         | Vertical | N/A     |
| 2** | 2402.100        | 95.20            | -10.60      | 54.0           | -41.20      | AV       | 146.00         | 150         | Vertical | N/A     |
| 3   | 4804.000        | 51.20            | -3.32       | 74.0           | 22.80       | Peak     | 212.00         | 100         | Vertical | Pass    |
| 3** | 4804.000        | 48.98            | -3.32       | 54.0           | 5.02        | AV       | 212.00         | 100         | Vertical | Pass    |
| 4   | 7617.500        | 53.24            | 0.47        | 74.0           | 20.76       | Peak     | 122.00         | 200         | Vertical | Pass    |
| 4** | 7617.500        | 44.36            | 0.47        | 54.0           | 9.64        | AV       | 122.00         | 200         | Vertical | Pass    |
| 5   | 11681.013       | 52.85            | -0.83       | 74.0           | 21.15       | Peak     | 272.00         | 300         | Vertical | Pass    |
| 5** | 11681.013       | 43.53            | -0.83       | 54.0           | 10.47       | AV       | 272.00         | 300         | Vertical | Pass    |
| 6   | 16395.863       | 56.28            | 3.01        | 74.0           | 17.72       | Peak     | 325.00         | 300         | Vertical | Pass    |
| 6** | 16395.863       | 46.73            | 3.01        | 54.0           | 7.27        | AV       | 325.00         | 300         | Vertical | Pass    |

## 8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

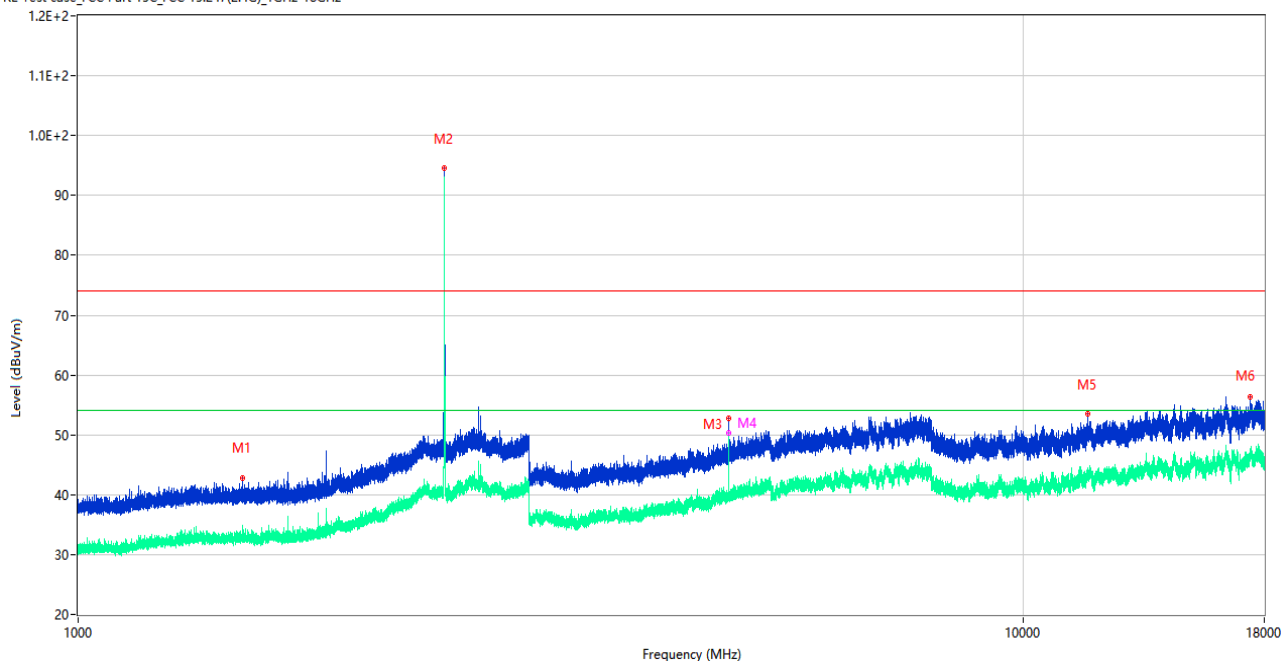
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1512.500        | 42.60            | -16.53      | 74.0           | 31.40       | Peak     | 214.00         | 400         | Horizontal | Pass    |
| 1** | 1512.500        | 33.03            | -16.53      | 54.0           | 20.97       | AV       | 214.00         | 400         | Horizontal | Pass    |
| 2   | 2441.100        | 99.35            | -9.79       | 74.0           | -25.35      | Peak     | 124.00         | 200         | Horizontal | N/A     |
| 2** | 2441.100        | 97.54            | -9.79       | 54.0           | -43.54      | AV       | 124.00         | 200         | Horizontal | N/A     |
| 3   | 4881.750        | 52.04            | -3.72       | 74.0           | 21.96       | Peak     | 243.00         | 150         | Horizontal | Pass    |
| 3** | 4881.750        | 46.74            | -3.72       | 54.0           | 7.26        | AV       | 243.00         | 150         | Horizontal | Pass    |
| 4   | 4882.250        | 51.51            | -3.72       | 74.0           | 22.49       | Peak     | 199.00         | 200         | Horizontal | Pass    |
| 4** | 4882.250        | 50.06            | -3.72       | 54.0           | 3.94        | AV       | 199.00         | 200         | Horizontal | Pass    |
| 5   | 12499.912       | 53.74            | 1.44        | 74.0           | 20.26       | Peak     | 206.00         | 100         | Horizontal | Pass    |
| 5** | 12499.912       | 43.80            | 1.44        | 54.0           | 10.20       | AV       | 206.00         | 100         | Horizontal | Pass    |
| 6   | 16862.324       | 55.88            | 3.36        | 74.0           | 18.12       | Peak     | 131.00         | 100         | Horizontal | Pass    |
| 6** | 16862.324       | 47.38            | 3.36        | 54.0           | 6.62        | AV       | 131.00         | 100         | Horizontal | Pass    |

## 8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

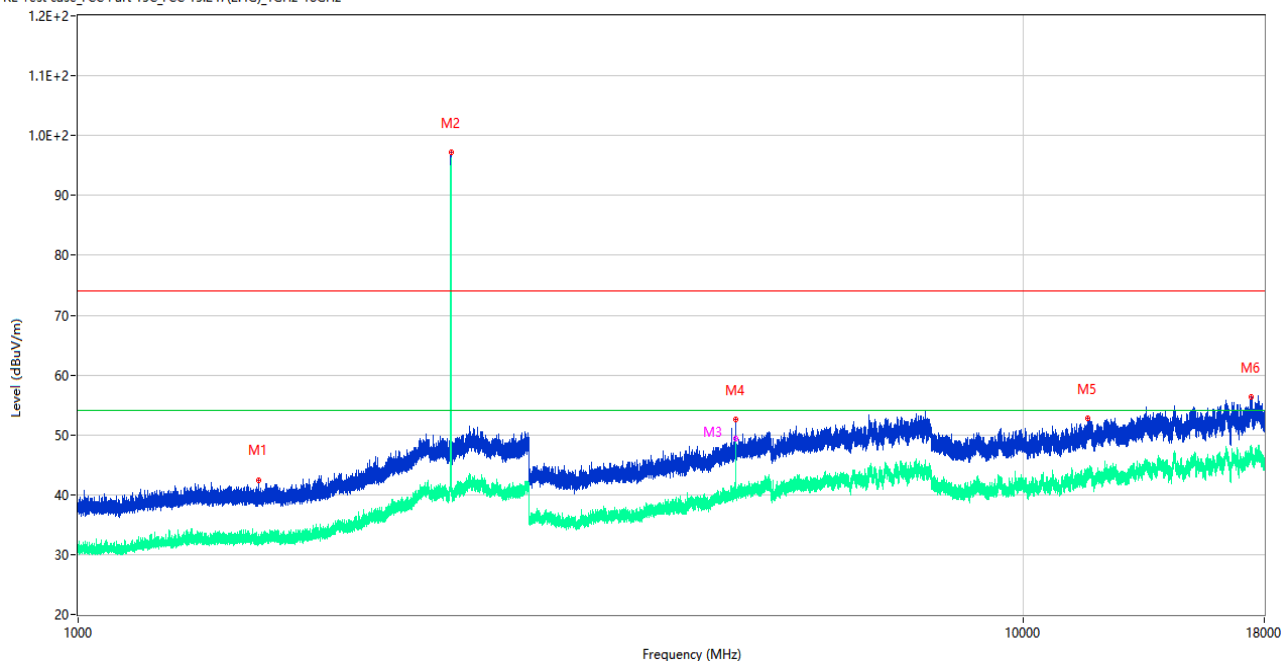
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1493.300        | 42.84            | -17.16      | 74.0           | 31.16       | Peak     | 322.00         | 400         | Vertical | Pass    |
| 1** | 1493.300        | 32.72            | -17.16      | 54.0           | 21.28       | AV       | 322.00         | 400         | Vertical | Pass    |
| 2   | 2441.100        | 94.55            | -9.79       | 74.0           | -20.55      | Peak     | 181.00         | 200         | Vertical | N/A     |
| 2** | 2441.100        | 92.61            | -9.79       | 54.0           | -38.61      | AV       | 181.00         | 200         | Vertical | N/A     |
| 3   | 4881.750        | 52.70            | -3.72       | 74.0           | 21.30       | Peak     | 304.00         | 100         | Vertical | Pass    |
| 3** | 4881.750        | 47.65            | -3.72       | 54.0           | 6.35        | AV       | 304.00         | 100         | Vertical | Pass    |
| 4   | 4882.250        | 52.01            | -3.72       | 74.0           | 21.99       | Peak     | 283.00         | 200         | Vertical | Pass    |
| 4** | 4882.250        | 50.39            | -3.72       | 54.0           | 3.61        | AV       | 283.00         | 200         | Vertical | Pass    |
| 5   | 11699.537       | 53.46            | -0.52       | 74.0           | 20.54       | Peak     | 216.00         | 100         | Vertical | Pass    |
| 5** | 11699.537       | 42.88            | -0.52       | 54.0           | 11.12       | AV       | 216.00         | 100         | Vertical | Pass    |
| 6   | 17386.275       | 56.38            | 4.79        | 74.0           | 17.62       | Peak     | 356.00         | 200         | Vertical | Pass    |
| 6** | 17386.275       | 46.17            | 4.79        | 54.0           | 7.83        | AV       | 356.00         | 200         | Vertical | Pass    |

## 8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

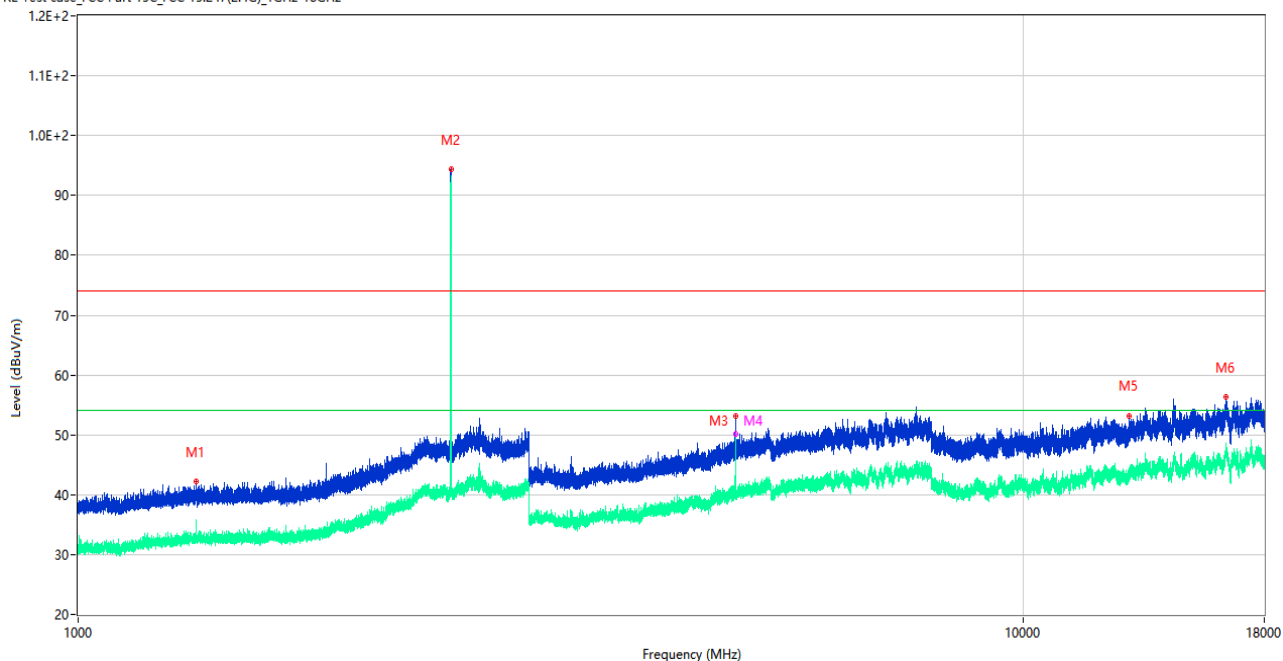
RE Test case\_FCC Part 15C\_FCC 15.247(2.4G)\_1GHz-18GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1551.300        | 42.46            | -17.15      | 74.0           | 31.54       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 1** | 1551.300        | 32.64            | -17.15      | 54.0           | 21.36       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 2   | 2479.900        | 97.20            | -11.13      | 74.0           | -23.20      | Peak     | 132.00         | 200         | Horizontal | N/A     |
| 2** | 2479.900        | 95.29            | -11.13      | 54.0           | -41.29      | AV       | 132.00         | 200         | Horizontal | N/A     |
| 3   | 4960.000        | 51.93            | -3.53       | 74.0           | 22.07       | Peak     | 244.00         | 200         | Horizontal | Pass    |
| 3** | 4960.000        | 49.46            | -3.53       | 54.0           | 4.54        | AV       | 244.00         | 200         | Horizontal | Pass    |
| 4   | 4959.750        | 52.62            | -3.51       | 74.0           | 21.38       | Peak     | 244.00         | 200         | Horizontal | Pass    |
| 4** | 4959.750        | 47.68            | -3.51       | 54.0           | 6.32        | AV       | 244.00         | 200         | Horizontal | Pass    |
| 5   | 11711.412       | 52.76            | -0.44       | 74.0           | 21.24       | Peak     | 167.00         | 200         | Horizontal | Pass    |
| 5** | 11711.412       | 43.31            | -0.44       | 54.0           | 10.69       | AV       | 167.00         | 200         | Horizontal | Pass    |
| 6   | 17416.200       | 56.30            | 5.47        | 74.0           | 17.70       | Peak     | 24.00          | 400         | Horizontal | Pass    |
| 6** | 17416.200       | 46.16            | 5.47        | 54.0           | 7.84        | AV       | 24.00          | 400         | Horizontal | Pass    |

## 8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1334.800        | 42.21            | -16.96      | 74.0           | 31.79       | Peak     | 168.00         | 300         | Vertical | Pass    |
| 1** | 1334.800        | 32.93            | -16.96      | 54.0           | 21.07       | AV       | 168.00         | 300         | Vertical | Pass    |
| 2   | 2479.900        | 94.34            | -11.13      | 74.0           | -20.34      | Peak     | 349.00         | 100         | Vertical | N/A     |
| 2** | 2479.900        | 92.65            | -11.13      | 54.0           | -38.65      | AV       | 349.00         | 100         | Vertical | N/A     |
| 3   | 4960.000        | 53.10            | -3.53       | 74.0           | 20.90       | Peak     | 302.00         | 200         | Vertical | Pass    |
| 3** | 4960.000        | 49.98            | -3.53       | 54.0           | 4.02        | AV       | 302.00         | 200         | Vertical | Pass    |
| 4   | 4960.250        | 52.68            | -3.64       | 74.0           | 21.32       | Peak     | 239.00         | 200         | Vertical | Pass    |
| 4** | 4960.250        | 50.22            | -3.64       | 54.0           | 3.78        | AV       | 239.00         | 200         | Vertical | Pass    |
| 5   | 12960.525       | 53.15            | 1.68        | 74.0           | 20.85       | Peak     | 273.00         | 400         | Vertical | Pass    |
| 5** | 12960.525       | 44.03            | 1.68        | 54.0           | 9.97        | AV       | 273.00         | 400         | Vertical | Pass    |
| 6   | 16398.750       | 56.30            | 3.12        | 74.0           | 17.70       | Peak     | 281.00         | 400         | Vertical | Pass    |
| 6** | 16398.750       | 46.91            | 3.12        | 54.0           | 7.09        | AV       | 281.00         | 400         | Vertical | Pass    |



## A.9 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.

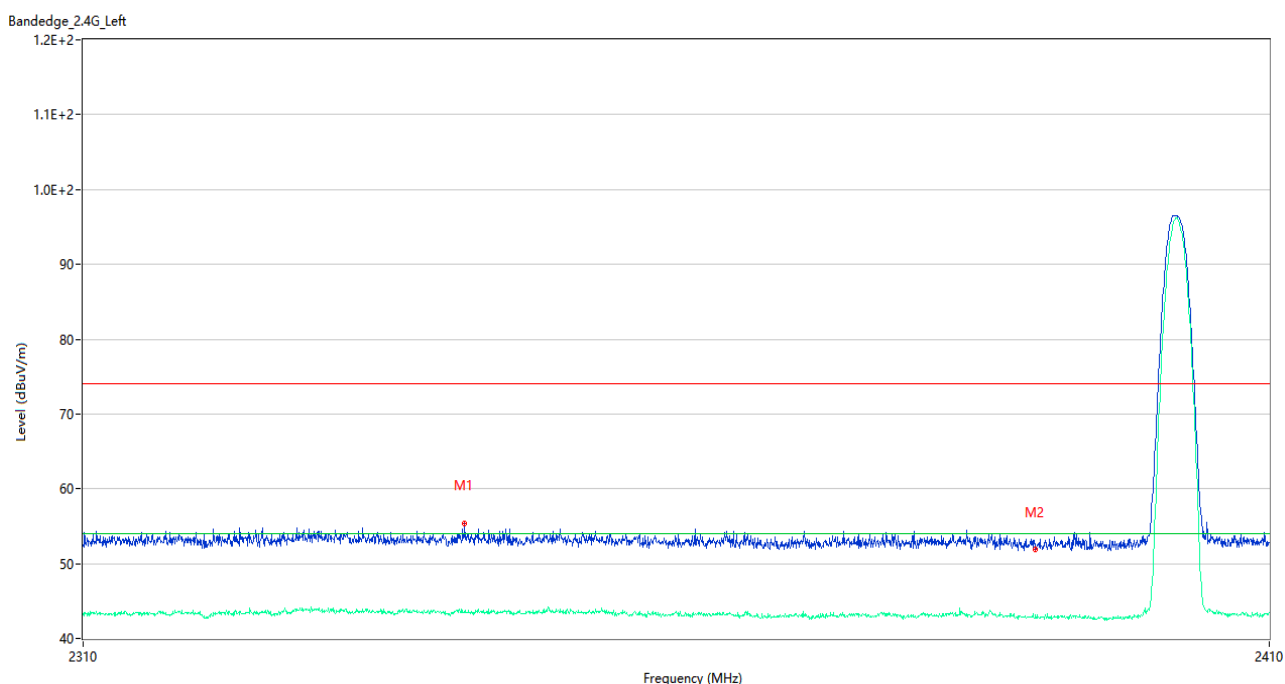
Note <sup>3</sup>: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note <sup>4</sup>: The Level (dBuV/m) has been corrected by factor.

### Test Data and Plots

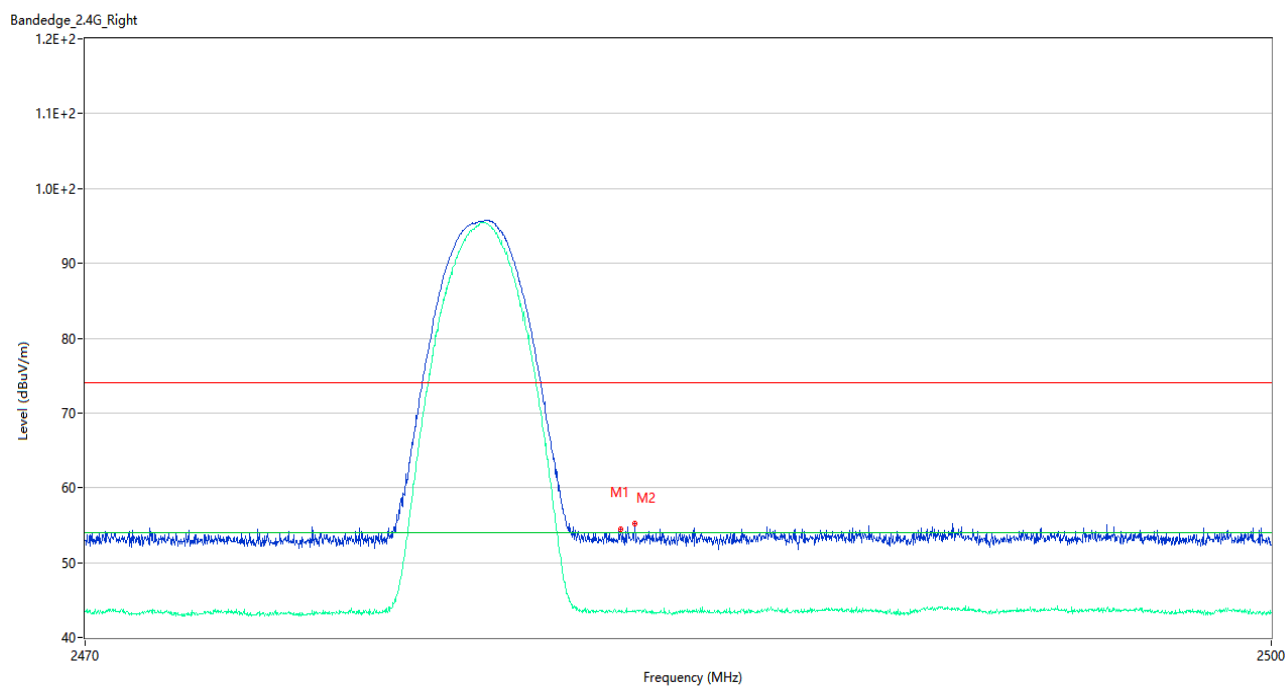
#### Left Earphone:

##### GFSK LOW CHANNEL



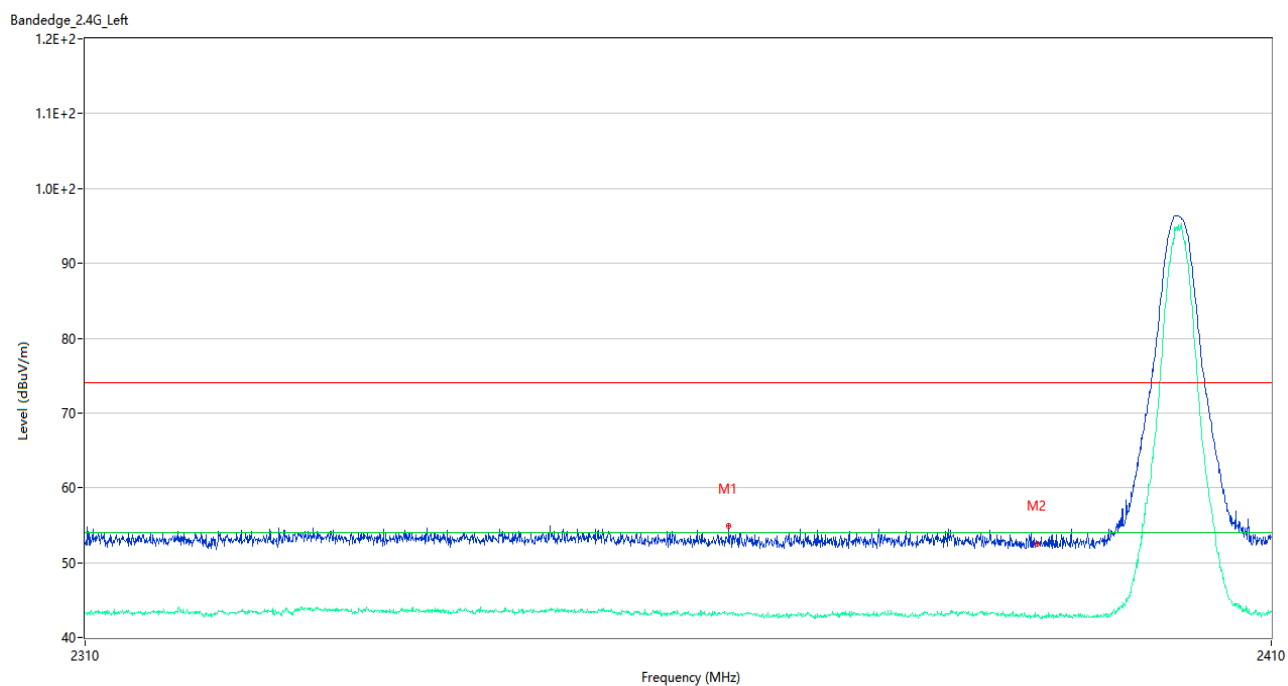
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2341.700        | 55.42            | -0.95       | 74.0           | 18.58       | Peak     | 300.00         | 150         | Horizontal | Pass    |
| 1** | 2341.700        | 43.45            | -0.95       | 54.0           | 10.55       | AV       | 300.00         | 150         | Horizontal | Pass    |
| 2   | 2389.950        | 51.90            | -1.82       | 74.0           | 22.10       | Peak     | 291.00         | 150         | Horizontal | Pass    |
| 2** | 2389.950        | 43.09            | -1.82       | 54.0           | 10.91       | AV       | 291.00         | 150         | Horizontal | Pass    |

## GFSK HIGH CHANNEL



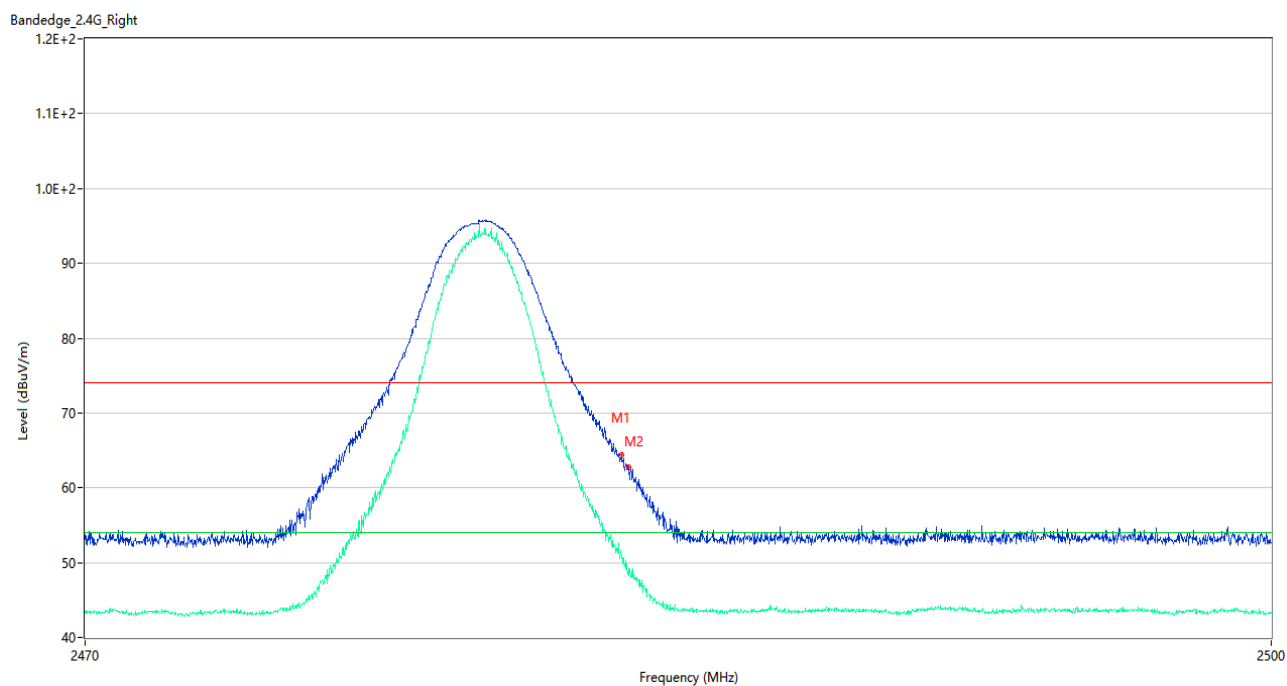
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2483.500        | 54.41            | -1.10       | 74.0           | 19.59       | Peak     | 118.00         | 150         | Horizontal | Pass    |
| 1** | 2483.500        | 43.41            | -1.10       | 54.0           | 10.59       | AV       | 118.00         | 150         | Horizontal | Pass    |
| 2   | 2483.860        | 55.25            | -1.04       | 74.0           | 18.75       | Peak     | 305.00         | 100         | Horizontal | Pass    |
| 2** | 2483.860        | 43.57            | -1.04       | 54.0           | 10.43       | AV       | 305.00         | 100         | Horizontal | Pass    |

## 8-DPSK LOW CHANNEL



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2363.750        | 54.92            | -1.40       | 74.0           | 19.08       | Peak     | 181.00         | 200         | Horizontal | Pass    |
| 1** | 2363.750        | 43.22            | -1.40       | 54.0           | 10.78       | AV       | 181.00         | 200         | Horizontal | Pass    |
| 2   | 2389.950        | 52.56            | -1.82       | 74.0           | 21.44       | Peak     | 219.00         | 100         | Horizontal | Pass    |
| 2** | 2389.950        | 42.80            | -1.82       | 54.0           | 11.20       | AV       | 219.00         | 100         | Horizontal | Pass    |

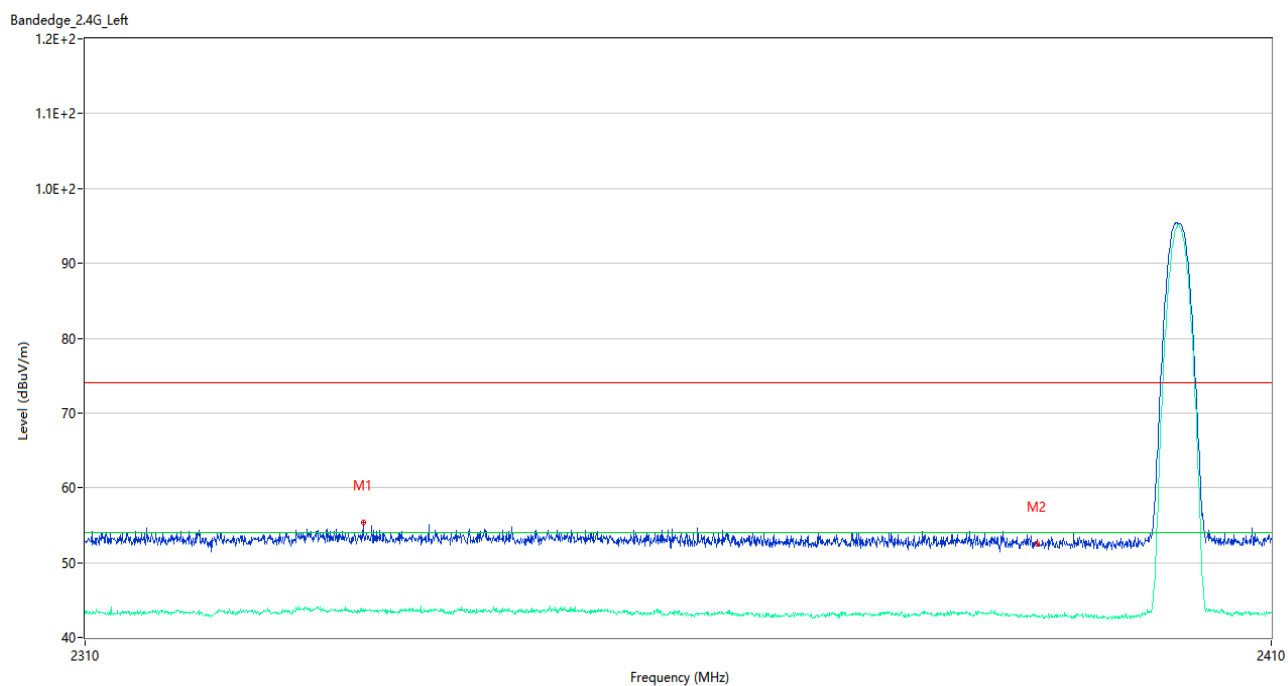
## 8-DPSK HIGH CHANNEL



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2483.515        | 64.42            | -1.10       | 74.0           | 9.58        | Peak     | 154.00         | 150         | Horizontal | Pass    |
| 1** | 2483.515        | 50.80            | -1.10       | 54.0           | 3.20        | AV       | 154.00         | 150         | Horizontal | Pass    |
| 2   | 2483.710        | 62.68            | -1.06       | 74.0           | 11.32       | Peak     | 157.00         | 100         | Horizontal | Pass    |
| 2** | 2483.710        | 49.20            | -1.06       | 54.0           | 4.80        | AV       | 157.00         | 100         | Horizontal | Pass    |

## Right Earphone:

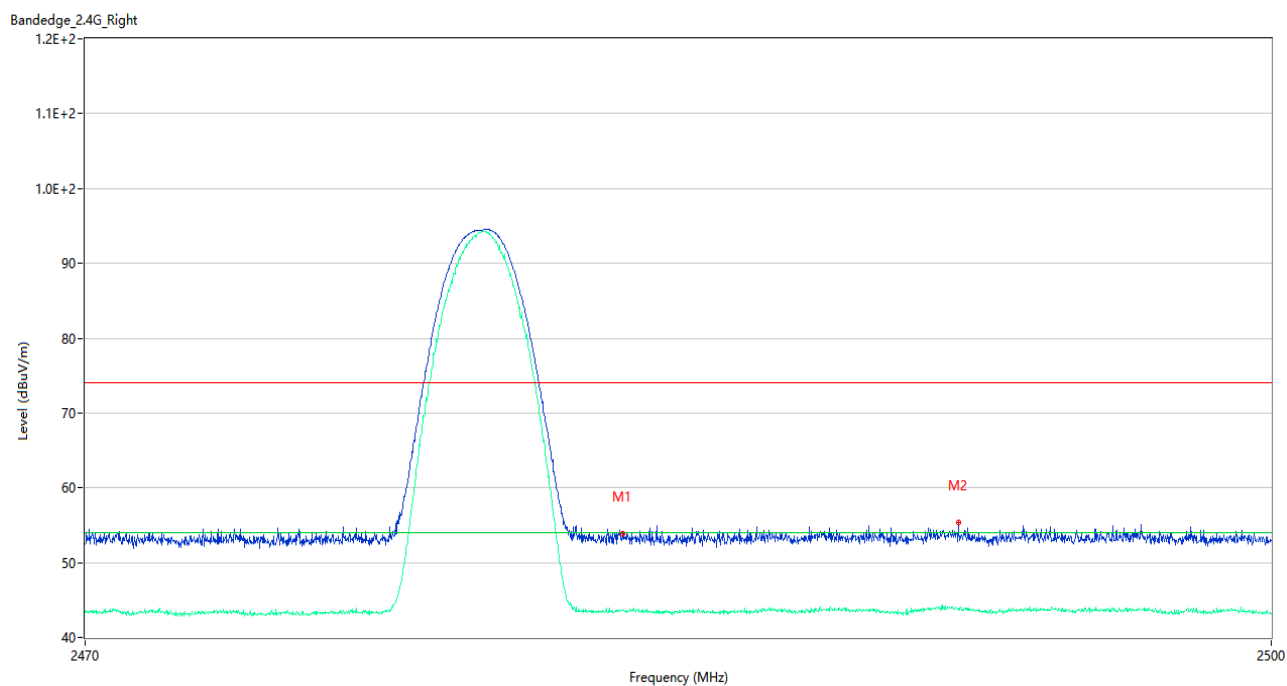
## GFSK LOW CHANNEL



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2333.050        | 55.41            | -0.97       | 74.0           | 18.59       | Peak     | 128.00         | 100         | Horizontal | Pass    |
| 1** | 2333.050        | 43.71            | -0.97       | 54.0           | 10.29       | AV       | 128.00         | 100         | Horizontal | Pass    |
| 2   | 2389.950        | 52.53            | -1.82       | 74.0           | 21.47       | Peak     | 161.00         | 200         | Horizontal | Pass    |
| 2** | 2389.950        | 42.75            | -1.82       | 54.0           | 11.25       | AV       | 161.00         | 200         | Horizontal | Pass    |

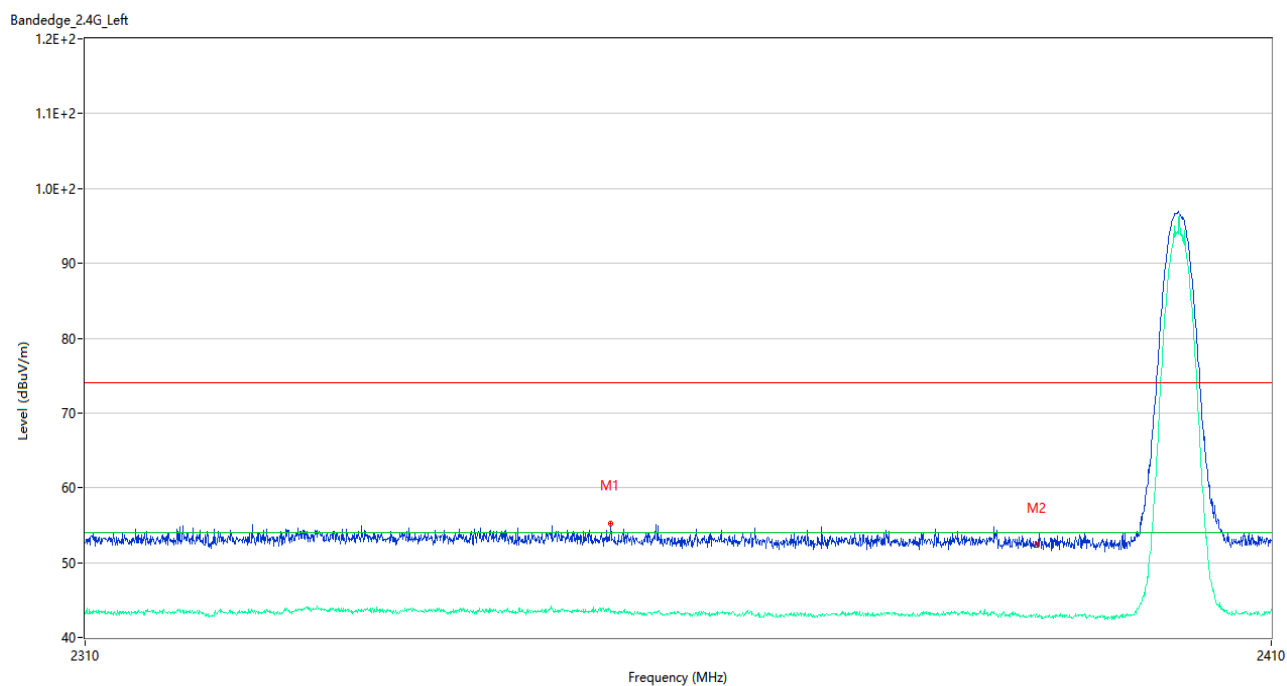


## GFSK HIGH CHANNEL



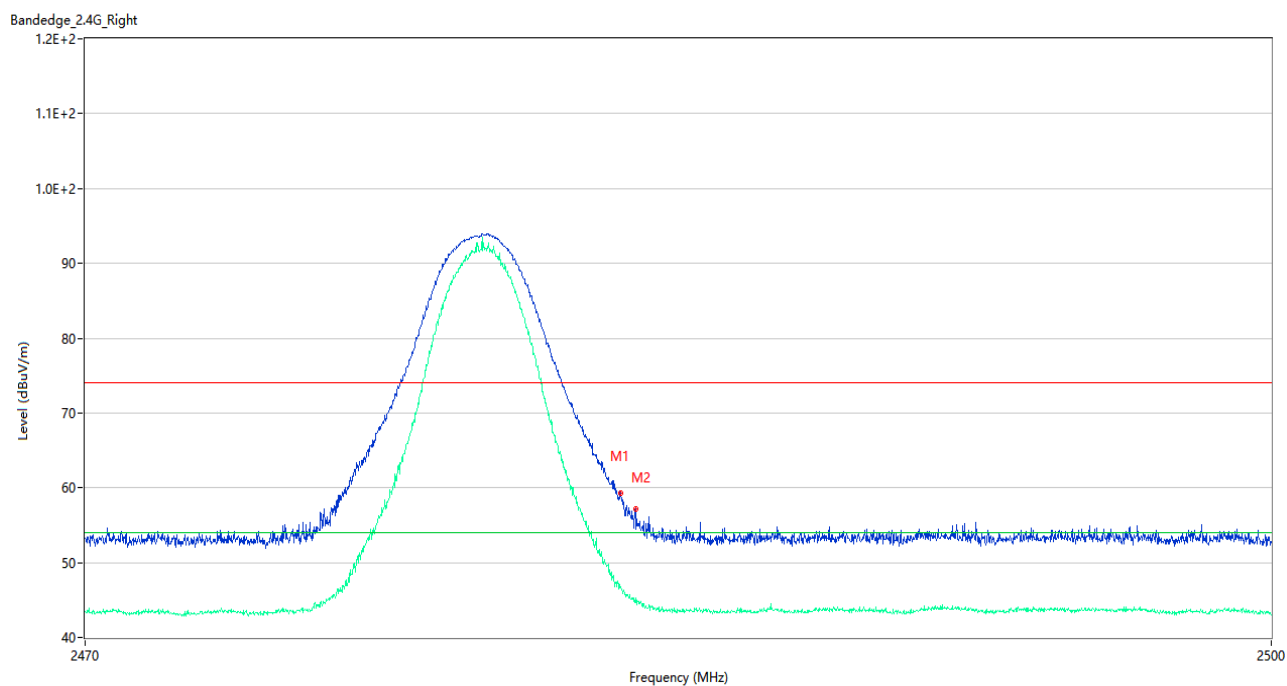
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2483.560        | 53.81            | -1.09       | 74.0           | 20.19       | Peak     | 296.00         | 100         | Horizontal | Pass    |
| 1** | 2483.560        | 43.64            | -1.09       | 54.0           | 10.36       | AV       | 296.00         | 100         | Horizontal | Pass    |
| 2   | 2492.050        | 55.35            | -0.72       | 74.0           | 18.65       | Peak     | 172.00         | 100         | Horizontal | Pass    |
| 2** | 2492.050        | 43.84            | -0.72       | 54.0           | 10.16       | AV       | 172.00         | 100         | Horizontal | Pass    |

## 8-DPSK LOW CHANNEL



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2353.800        | 55.29            | -1.00       | 74.0           | 18.71       | Peak     | 84.00          | 200         | Horizontal | Pass    |
| 1** | 2353.800        | 43.37            | -1.00       | 54.0           | 10.63       | AV       | 84.00          | 200         | Horizontal | Pass    |
| 2   | 2389.950        | 52.28            | -1.82       | 74.0           | 21.72       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 2389.950        | 42.76            | -1.82       | 54.0           | 11.24       | AV       | 0.00           | 100         | Horizontal | Pass    |

## 8-DPSK HIGH CHANNEL



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 2483.500        | 59.23            | -1.10       | 74.0           | 14.77       | Peak     | 154.00         | 100         | Horizontal | Pass    |
| 1** | 2483.500        | 46.75            | -1.10       | 54.0           | 7.25        | AV       | 154.00         | 100         | Horizontal | Pass    |
| 2   | 2483.875        | 57.22            | -1.03       | 74.0           | 16.78       | Peak     | 151.00         | 100         | Horizontal | Pass    |
| 2** | 2483.875        | 45.25            | -1.03       | 54.0           | 8.75        | AV       | 151.00         | 100         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2430825-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2430825-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2430825-AI.PDF”.

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--END OF REPORT--