

## Appendix A: Test Results

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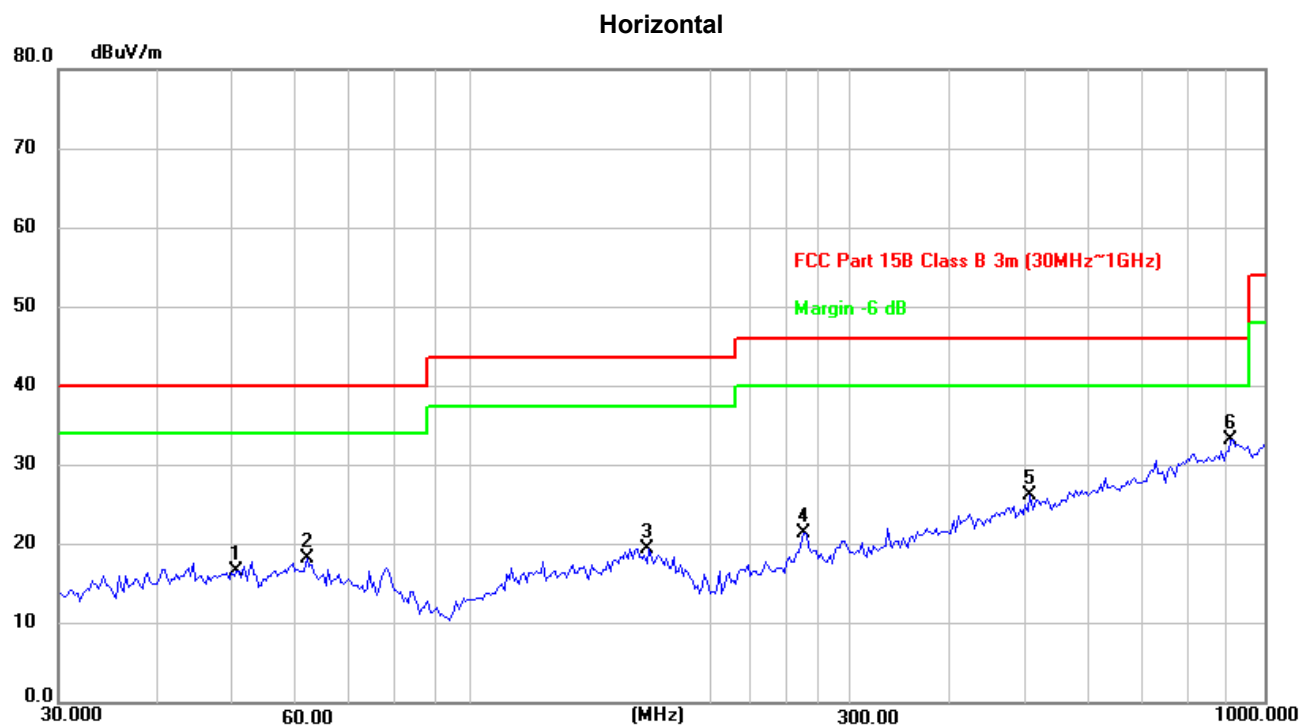
## Appendix A.1: Test Results of Field Strength of Fundamental & Harmonics

Note: The testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz to 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

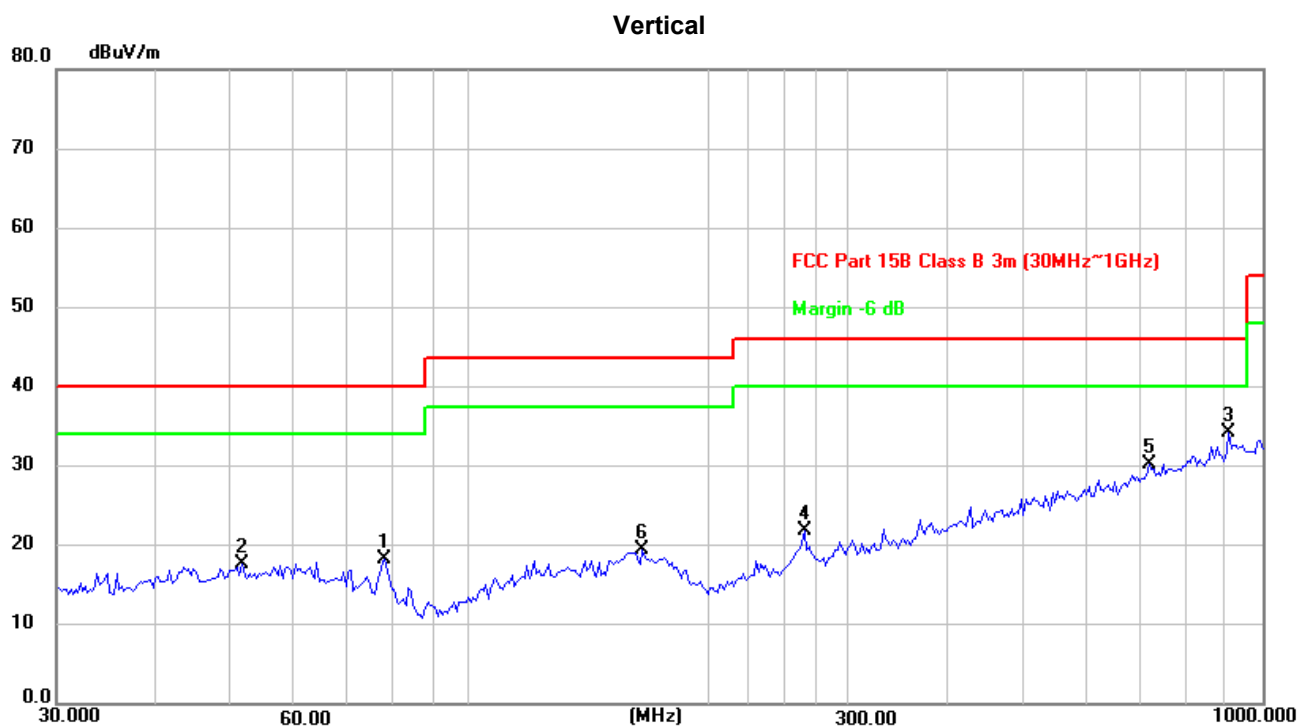
### EUT Information

EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2402MHz(1Mbps)  
Test Voltage:: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He



### Critical\_Freqs

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 50.4090         | 31.62          | -14.92        | 16.70          | 40.00          | -23.30      | peak | 100         | 360           |
| 2   | 61.7780         | 33.58          | -15.27        | 18.31          | 40.00          | -21.69      | peak | 100         | 360           |
| 3   | 167.2366        | 33.21          | -13.76        | 19.45          | 43.50          | -24.05      | peak | 100         | 360           |
| 4   | 261.9752        | 35.93          | -14.48        | 21.45          | 46.00          | -24.55      | peak | 100         | 360           |
| 5   | 506.4790        | 32.72          | -6.58         | 26.14          | 46.00          | -19.86      | peak | 100         | 360           |
| 6   | 906.4824        | 31.85          | 1.33          | 33.18          | 46.00          | -12.82      | peak | 100         | 360           |



### Critical\_Freqs

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 77.8654         | 36.46          | -18.15        | 18.31          | 40.00          | -21.69      | peak | 100         | 360           |
| 2   | 51.4807         | 32.75          | -15.00        | 17.75          | 40.00          | -22.25      | peak | 100         | 360           |
| 3   | 906.4824        | 32.89          | 1.33          | 34.22          | 46.00          | -11.78      | peak | 100         | 360           |
| 4   | 263.8190        | 36.07          | -14.17        | 21.90          | 46.00          | -24.10      | peak | 100         | 360           |
| 5   | 719.1995        | 32.10          | -1.79         | 30.31          | 46.00          | -15.69      | peak | 100         | 360           |
| 6   | 164.9075        | 33.13          | -13.69        | 19.44          | 43.50          | -24.06      | peak | 100         | 360           |

1GHz - 18GHz

Note: The highest waveform in the figure is ANT+ Fundamental.

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Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2402.144        | 96.10          | -0.39         | 95.71          | 114            | -18.29      | peak | 272         | 41            |
| 2   | 2402.144        | 84.27          | -0.39         | 83.88          | 94             | -10.12      | AVG  | 272         | 41            |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4804.000        | 46.05          | 5.30          | 51.35          | 74.00          | -22.65      | peak | 264         | 87            |
| 2   | 4804.000        | 36.75          | 5.30          | 42.05          | 54.00          | -11.95      | AVG  | 264         | 87            |
| 3   | 7206.000        | 42.89          | 12.40         | 55.29          | 74.00          | -18.71      | peak | 100         | 234           |
| 4   | 7206.000        | 36.91          | 12.40         | 49.31          | 54.00          | -4.69       | AVG  | 100         | 234           |

### Vertical

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2402.335        | 102.50         | -0.39         | 102.11         | 114            | -11.89      | peak | 239         | 211           |
| 2   | 2402.335        | 91.52          | -0.39         | 91.13          | 94             | -2.87       | AVG  | 239         | 211           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4804.000        | 42.47          | 5.30          | 47.77          | 74.00          | -26.23      | peak | 105         | 122           |
| 2   | 4804.000        | 31.22          | 5.30          | 36.52          | 54.00          | -17.48      | AVG  | 105         | 122           |
| 3   | 7206.000        | 43.33          | 12.40         | 55.73          | 74.00          | -18.27      | peak | 100         | 320           |
| 4   | 7206.000        | 36.39          | 12.40         | 48.79          | 54.00          | -5.21       | AVG  | 100         | 320           |

## EUT Information

EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2440MHz(1Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2440.000        | 97.69          | -0.31         | 97.38          | 114            | -16.62      | peak | 127         | 36            |
| 2   | 2440.000        | 87.06          | -0.31         | 86.75          | 94             | -7.25       | AVG  | 127         | 36            |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4880.000        | 42.15          | 6.25          | 48.40          | 74.00          | -25.60      | peak | 226         | 289           |
| 2   | 4880.000        | 29.87          | 6.25          | 36.12          | 54.00          | -17.88      | AVG  | 226         | 289           |
| 3   | 7320.000        | 42.80          | 12.65         | 55.45          | 74.00          | -18.55      | peak | 127         | 317           |
| 4   | 7320.000        | 33.42          | 12.65         | 46.07          | 54.00          | -7.93       | AVG  | 127         | 317           |

### Vertical

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2440.000        | 102.57         | -0.31         | 102.26         | 114            | -11.74      | peak | 151         | 210           |
| 2   | 2440.000        | 90.63          | -0.31         | 90.32          | 94             | -3.68       | AVG  | 151         | 210           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4880.000        | 44.40          | 6.25          | 50.65          | 74.00          | -23.35      | peak | 100         | 191           |
| 2   | 4880.000        | 32.36          | 6.25          | 38.61          | 54.00          | -15.39      | AVG  | 100         | 191           |
| 3   | 7320.000        | 42.62          | 12.65         | 55.27          | 74.00          | -18.73      | peak | 124         | 236           |
| 4   | 7320.000        | 31.44          | 12.65         | 44.09          | 54.00          | -9.91       | AVG  | 124         | 236           |

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Test Mode: TX 2480MHz(1Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2479.796        | 97.80          | -0.21         | 97.59          | 114            | -16.41      | peak | 150         | 38            |
| 2   | 2479.796        | 87.09          | -0.21         | 86.88          | 94             | -7.12       | AVG  | 150         | 38            |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4960.000        | 43.70          | 6.16          | 49.86          | 74.00          | -24.14      | peak | 204         | 172           |
| 2   | 4960.000        | 29.68          | 6.16          | 35.84          | 54.00          | -18.16      | AVG  | 204         | 172           |
| 3   | 7440.000        | 43.19          | 12.91         | 56.10          | 74.00          | -17.90      | peak | 185         | 265           |
| 4   | 7440.000        | 31.81          | 12.91         | 44.72          | 54.00          | -9.28       | AVG  | 185         | 265           |

### Vertical

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2479.796        | 100.44         | -0.21         | 100.23         | 114            | -13.77      | peak | 147         | 216           |
| 2   | 2479.796        | 89.41          | -0.21         | 89.20          | 94             | -4.8-       | AVG  | 147         | 216           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4960.000        | 40.79          | 6.16          | 46.95          | 74.00          | -27.05      | peak | 116         | 207           |
| 2   | 4960.000        | 29.36          | 6.16          | 35.52          | 54.00          | -18.48      | AVG  | 116         | 207           |
| 3   | 7440.000        | 42.21          | 12.91         | 55.12          | 74.00          | -18.88      | peak | 127         | 235           |
| 4   | 7440.000        | 28.55          | 12.91         | 41.46          | 54.00          | -12.54      | AVG  | 127         | 235           |

## EUT Information

EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2402MHz(2Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2402.525        | 95.67          | -0.39         | 95.28          | 114            | -18.72      | peak | 168         | 202           |
| 2   | 2402.525        | 85.38          | -0.39         | 84.99          | 94             | -9.01       | AVG  | 168         | 202           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4804.000        | 43.08          | 5.30          | 48.38          | 74.00          | -25.62      | peak | 332         | 203           |
| 2   | 4804.000        | 29.99          | 5.30          | 35.29          | 54.00          | -18.71      | AVG  | 332         | 203           |
| 3   | 7206.000        | 43.68          | 12.40         | 56.08          | 74.00          | -17.92      | peak | 224         | 156           |
| 4   | 7206.000        | 34.30          | 12.40         | 46.70          | 54.00          | -7.30       | AVG  | 224         | 156           |

### Vertical

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2402.525        | 102.07         | -0.39         | 101.68         | 114            | -12.32      | peak | 172         | 205           |
| 2   | 2402.525        | 90.48          | -0.39         | 90.09          | 94             | -3.91       | AVG  | 172         | 205           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4804.000        | 42.02          | 5.30          | 47.32          | 74.00          | -26.68      | peak | 113         | 265           |
| 2   | 4804.000        | 29.99          | 5.30          | 35.29          | 54.00          | -18.71      | AVG  | 113         | 265           |
| 3   | 7206.000        | 43.02          | 12.40         | 55.42          | 74.00          | -18.58      | peak | 128         | 139           |
| 4   | 7206.000        | 34.46          | 12.40         | 46.86          | 54.00          | -7.14       | AVG  | 128         | 139           |

## EUT Information

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Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2440.000        | 97.49          | -0.31         | 97.18          | 114            | -16.82      | peak | 134         | 43            |
| 2   | 2440.000        | 86.58          | -0.31         | 86.27          | 94             | -7.73       | AVG  | 134         | 43            |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4880.000        | 42.15          | 6.25          | 48.40          | 74.00          | -25.60      | peak | 195         | 43            |
| 2   | 4880.000        | 28.70          | 6.25          | 34.95          | 54.00          | -19.05      | AVG  | 195         | 43            |
| 3   | 7320.000        | 41.56          | 12.65         | 54.21          | 74.00          | -19.79      | peak | 201         | 124           |
| 4   | 7320.000        | 32.02          | 12.65         | 44.67          | 54.00          | -9.33       | AVG  | 201         | 124           |

### Vertical

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2440.000        | 101.53         | -0.31         | 101.22         | 114.00         | -12.78      | peak | 167         | 206           |
| 2   | 2440.000        | 90.20          | -0.31         | 89.89          | 94.00          | -4.11       | AVG  | 167         | 206           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4880.000        | 41.40          | 6.25          | 47.65          | 74.00          | -26.35      | peak | 110         | 273           |
| 2   | 4880.000        | 28.91          | 6.25          | 35.16          | 54.00          | -18.84      | AVG  | 110         | 273           |
| 3   | 7320.000        | 43.48          | 12.65         | 56.13          | 74.00          | -17.87      | peak | 123         | 66            |
| 4   | 7320.000        | 31.91          | 12.65         | 44.56          | 54.00          | -9.44       | AVG  | 123         | 66            |

## EUT Information

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Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2479.423        | 97.18          | -0.21         | 96.97          | 114.00         | -17.03      | peak | 100         | 195           |
| 2   | 2479.423        | 86.38          | -0.21         | 86.17          | 94.00          | -7.83       | AVG  | 100         | 195           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4960.000        | 41.71          | 6.16          | 47.87          | 74.00          | -26.13      | peak | 172         | 342           |
| 2   | 4960.000        | 29.32          | 6.16          | 35.48          | 54.00          | -18.52      | AVG  | 172         | 342           |
| 3   | 7440.000        | 42.78          | 12.91         | 55.69          | 74.00          | -18.31      | peak | 236         | 56            |
| 4   | 7440.000        | 32.17          | 12.91         | 45.08          | 54.00          | -8.92       | AVG  | 236         | 56            |

### Vertical

#### Critical\_Freqs(Fundamental frequency)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2480.355        | 101.19         | -0.21         | 100.98         | 114.00         | -13.02      | peak | 134         | 214           |
| 2   | 2480.355        | 90.05          | -0.21         | 89.84          | 94.00          | -4.16       | AVG  | 134         | 214           |

#### Critical\_Freqs(Suprious Emission out of band)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 4960.000        | 41.52          | 6.16          | 47.68          | 74.00          | -26.32      | peak | 124         | 227           |
| 2   | 4960.000        | 29.04          | 6.16          | 35.20          | 54.00          | -18.80      | AVG  | 124         | 227           |
| 3   | 7440.000        | 40.94          | 12.91         | 53.85          | 74.00          | -20.15      | peak | 100         | 16            |
| 4   | 7440.000        | 30.19          | 12.91         | 43.10          | 54.00          | -10.90      | AVG  | 100         | 16            |

## Appendix A.2: Test Results of 20dB Bandwidth

| TestMode | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|------------|---------|
| 1Mbps    | Ant1    | 2402    | 1.201     | ---        | PASS    |
|          |         | 2440    | 1.210     | ---        | PASS    |
|          |         | 2480    | 1.212     | ---        | PASS    |
| 2Mbps    | Ant1    | 2402    | 2.259     | ---        | PASS    |
|          |         | 2440    | 2.286     | ---        | PASS    |
|          |         | 2480    | 2.290     | ---        | PASS    |

1Mbps\_2402



1Mbps\_2440



1Mbps\_2480



2Mbps\_2402



2Mbps\_2440



2Mbps\_2480



### Appendix A.3: Test Results of 99% Bandwidth

| TestMode | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|------------|---------|
| 1Mbps    | Ant1    | 2402    | 1.0537    | ---        | PASS    |
|          |         | 2440    | 1.0554    | ---        | PASS    |
|          |         | 2480    | 1.0631    | ---        | PASS    |
| 2Mbps    | Ant1    | 2402    | 2.0202    | ---        | PASS    |
|          |         | 2440    | 2.0333    | ---        | PASS    |
|          |         | 2480    | 2.0398    | ---        | PASS    |

1Mbps\_2402



1Mbps\_2440



1Mbps\_2480



2Mbps\_2402



2Mbps\_2440



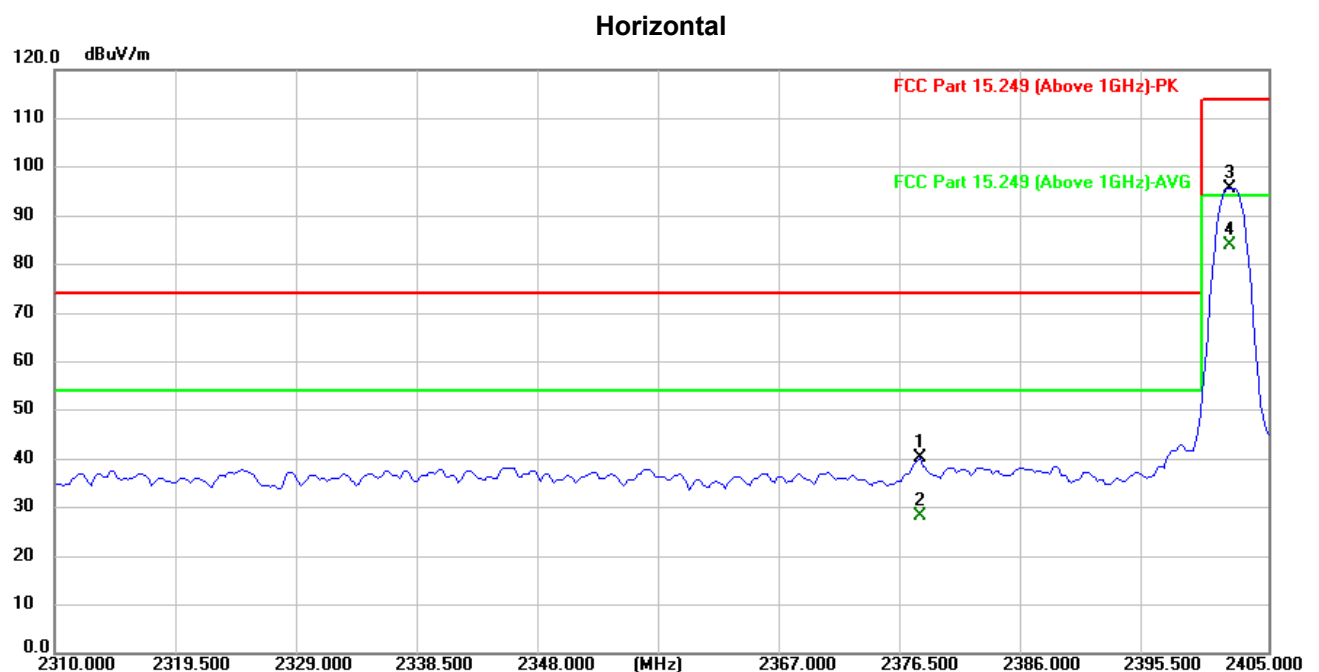
2Mbps\_2480



## Appendix A.4: Test Results of Band Edge

### EUT Information

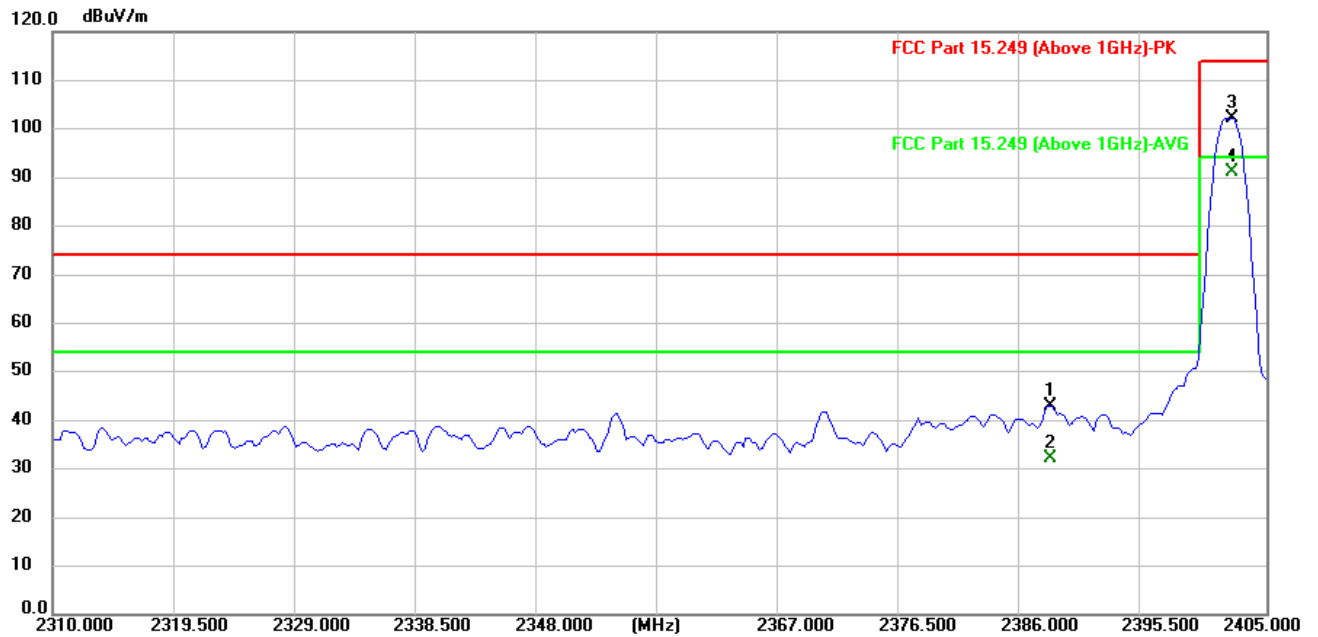
EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2402MHz(1Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He



### Critical Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2377.776        | 40.65          | -0.44         | 40.21          | 74.00          | -33.79      | peak | 272         | 41            |
| 2   | 2377.776        | 28.58          | -0.44         | 28.14          | 54.00          | -25.86      | AVG  | 272         | 41            |

### Vertical



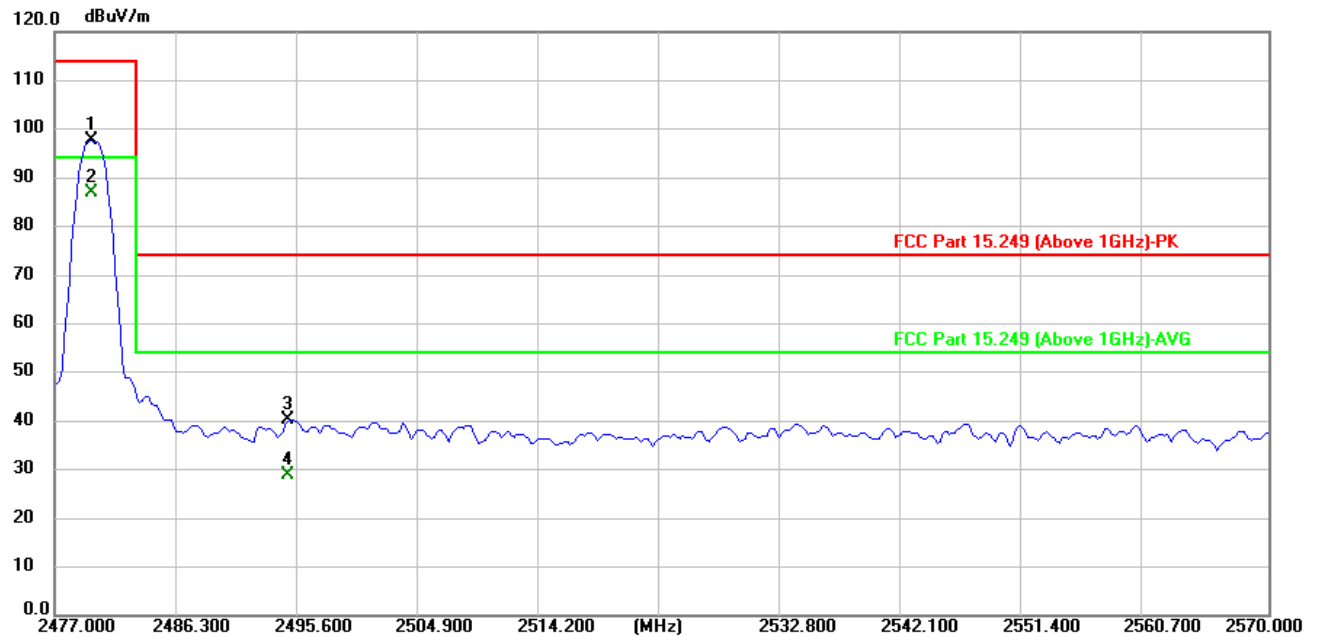
### Critical\_Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2388.056        | 43.43          | -0.42         | 43.01          | 74.00          | -30.99      | peak | 239         | 211           |
| 2   | 2388.056        | 32.61          | -0.42         | 32.19          | 54.00          | -21.81      | AVG  | 239         | 211           |

## EUT Information

EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2480MHz(1Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

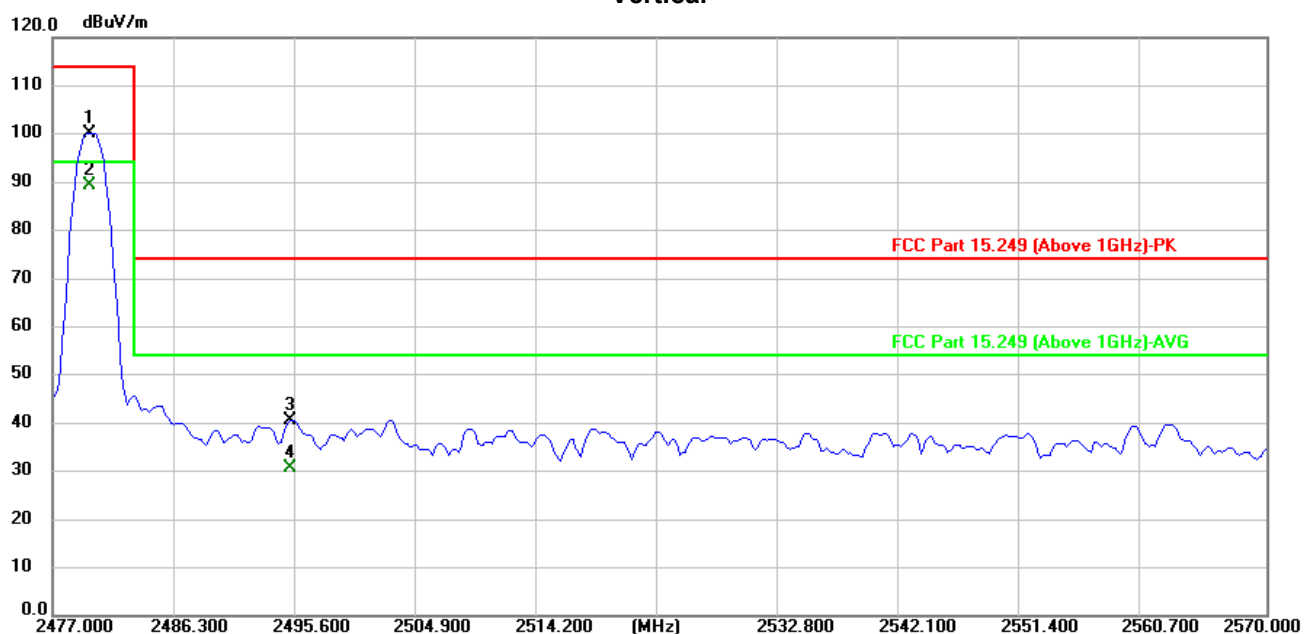
### Horizontal



### Critical\_Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 3   | 2495.078        | 40.44          | -0.18         | 40.26          | 74.00          | -33.74      | peak | 150         | 38            |
| 4   | 2495.078        | 29.03          | -0.18         | 28.85          | 54.00          | -25.15      | AVG  | 150         | 38            |

### Vertical



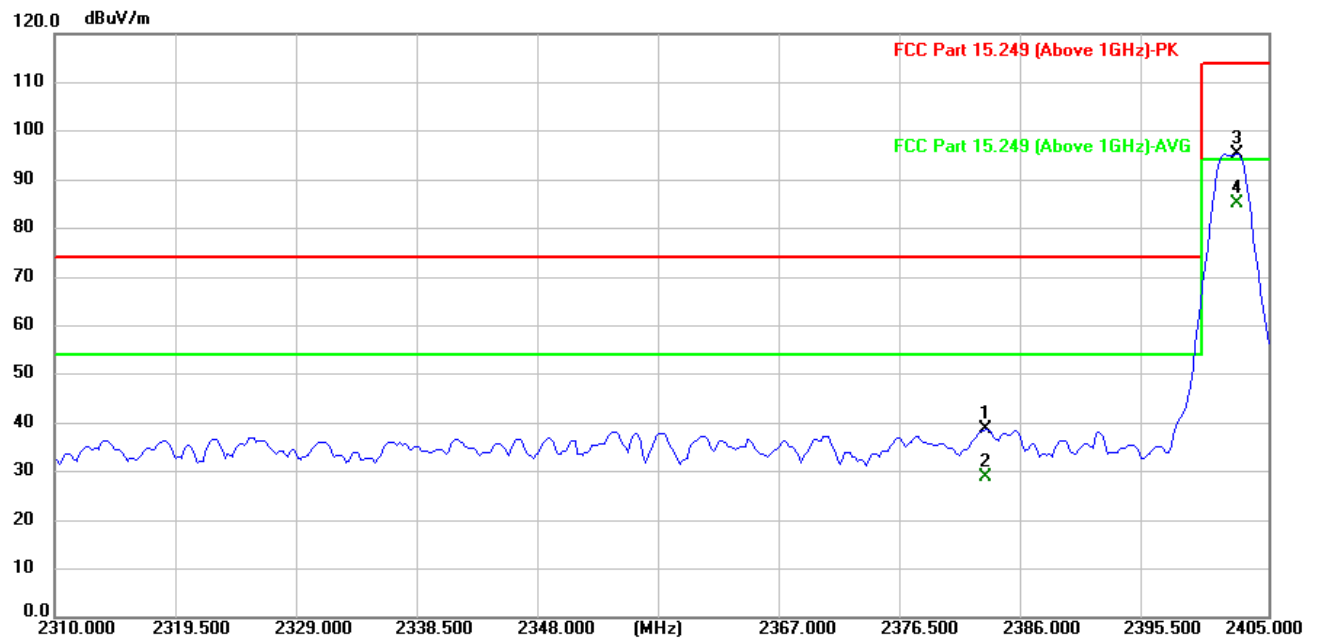
### Critical\_Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 3   | 2495.265        | 40.70          | -0.18         | 40.52          | 74.00          | -33.48      | peak | 147         | 216           |
| 4   | 2495.265        | 30.75          | -0.18         | 30.57          | 54.00          | -23.43      | AVG  | 147         | 216           |

## EUT Information

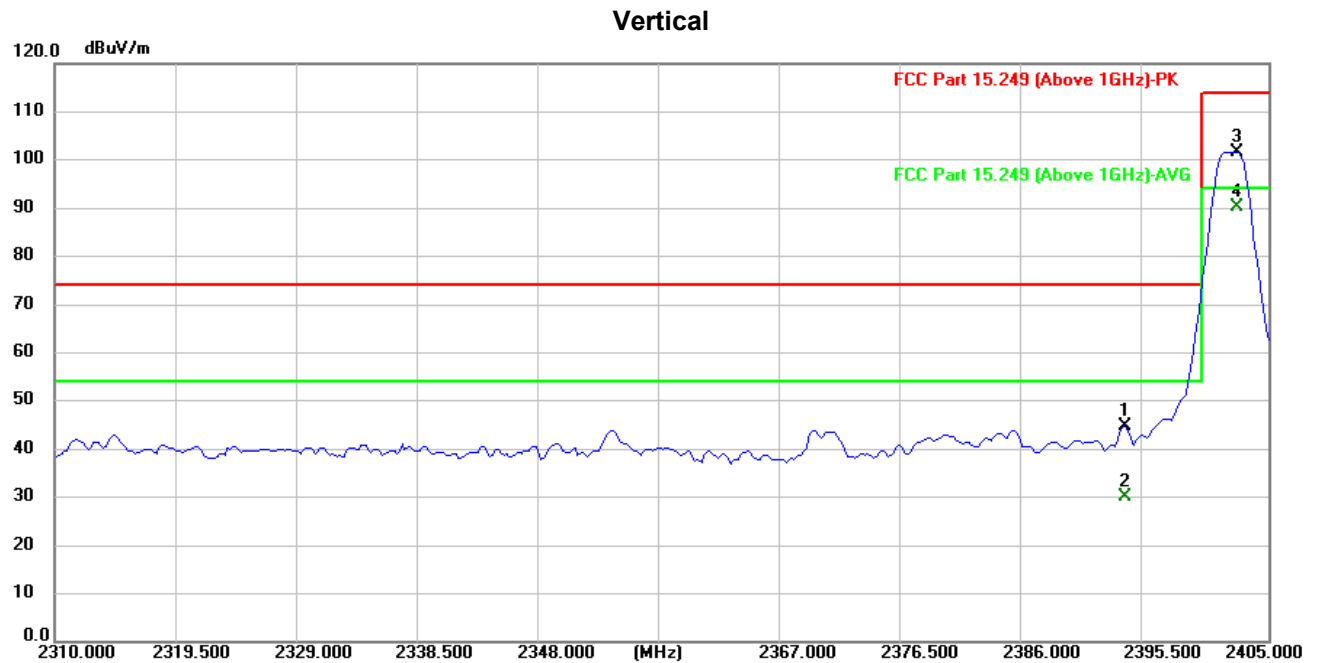
EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2402MHz(2Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal



### Critical Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2382.916        | 39.05          | -0.42         | 38.63          | 74.00          | -35.37      | peak | 168         | 202           |
| 2   | 2382.916        | 29.15          | -0.42         | 28.73          | 54.00          | -25.27      | AVG  | 168         | 202           |



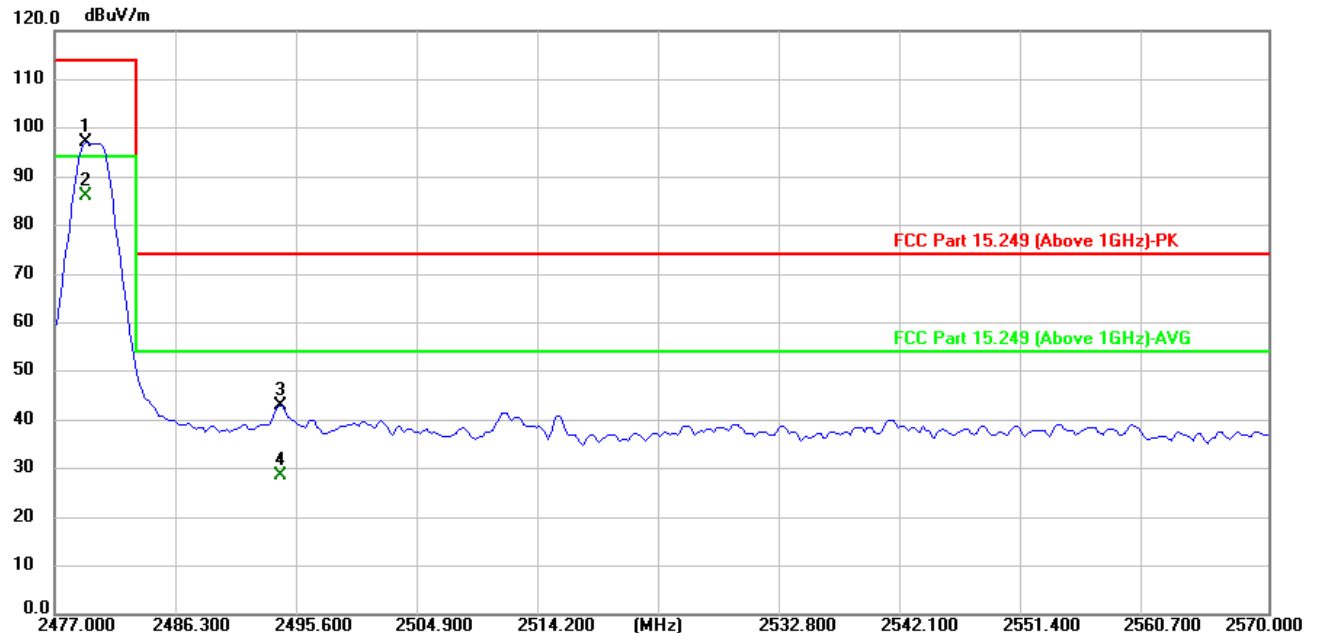
### Critical\_Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 1   | 2393.768        | 45.01          | -0.40         | 44.61          | 74.00          | -29.39      | peak | 172         | 205           |
| 2   | 2393.768        | 30.43          | -0.40         | 30.03          | 54.00          | -23.97      | AVG  | 172         | 205           |

## EUT Information

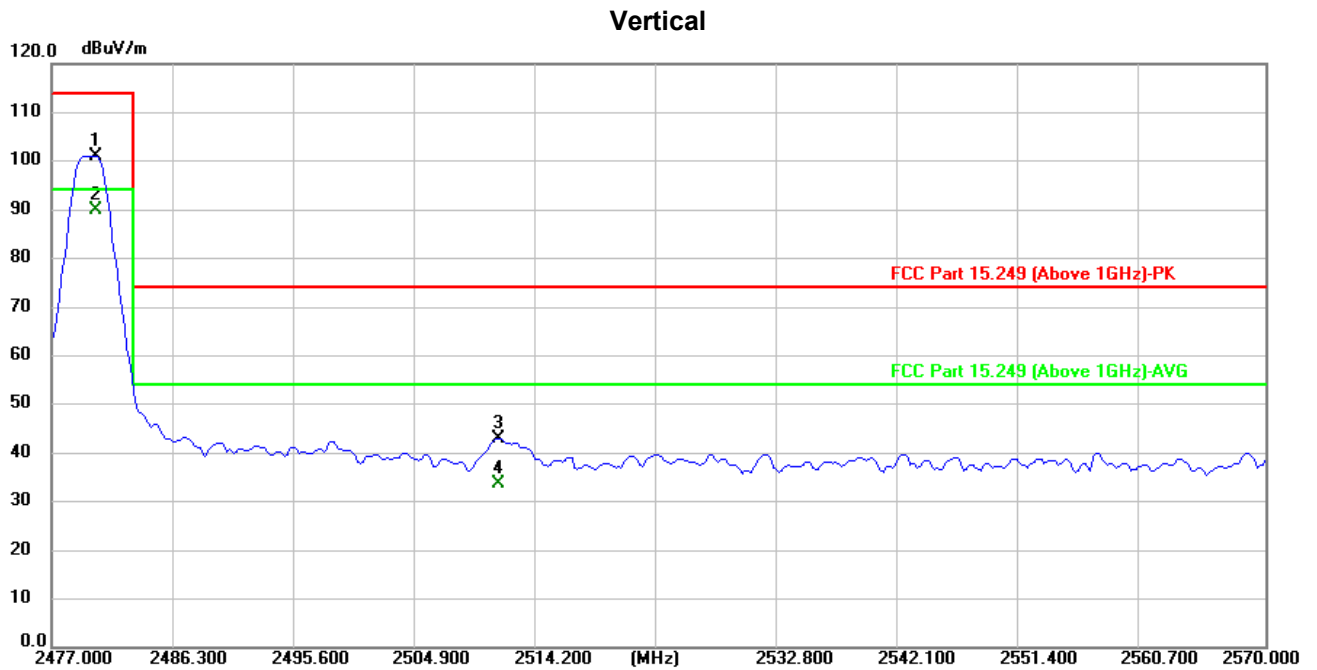
EUT Name: 2.4GHz Digital Wireless Headphone  
Model: BH1080J  
Test Mode: TX 2480MHz(2Mbps)  
Test Voltage: DC 2.4V From battery (2\*1.2V "AAA")  
Remark: Temp 24 Humi: 55%  
Test Standard: FCC 15.249  
Tested By: Hua  
Reviewed By: Scott He

### Horizontal



### Critical Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 3   | 2494.333        | 43.05          | -0.18         | 42.87          | 74.00          | -31.13      | peak | 100         | 195           |
| 4   | 2494.333        | 28.88          | -0.18         | 28.70          | 54.00          | -25.30      | AVG  | 100         | 195           |



### Critical\_Freqs(Fundamental frequency & Bandedge)

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|
| 3   | 2511.293        | 43.22          | -0.14         | 43.08          | 74.00          | -30.92      | peak | 134         | 214           |
| 4   | 2511.293        | 33.82          | -0.14         | 33.68          | 54.00          | -20.32      | AVG  | 134         | 214           |