

# Test Report No.50044629 001

## Appendix D: Radiated and Mains Spurious Emission Data

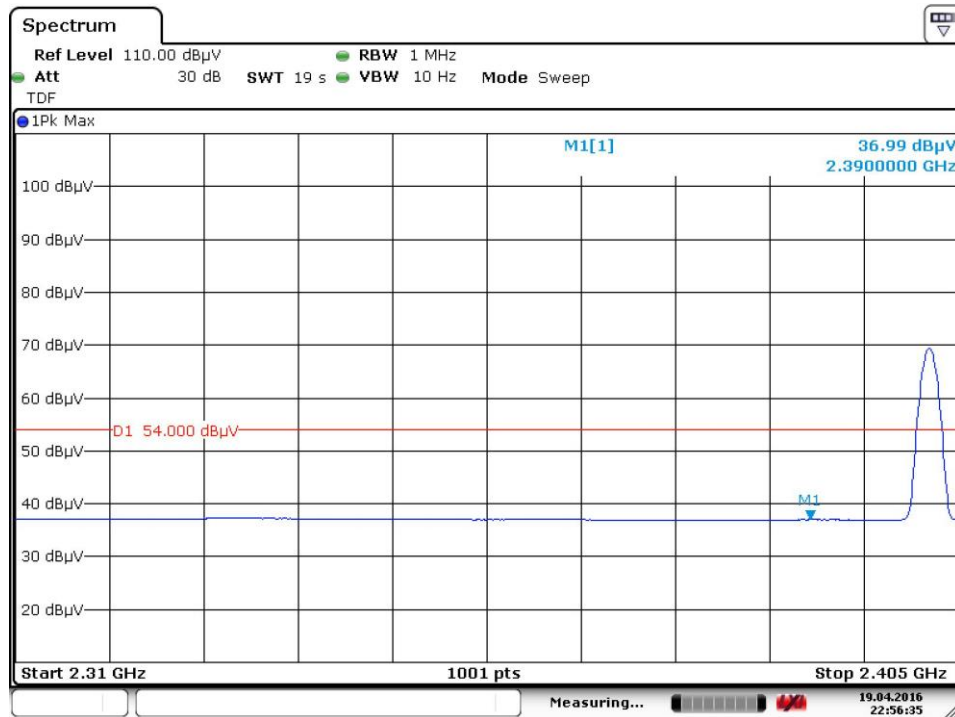
(File: 50044629AppendixD)

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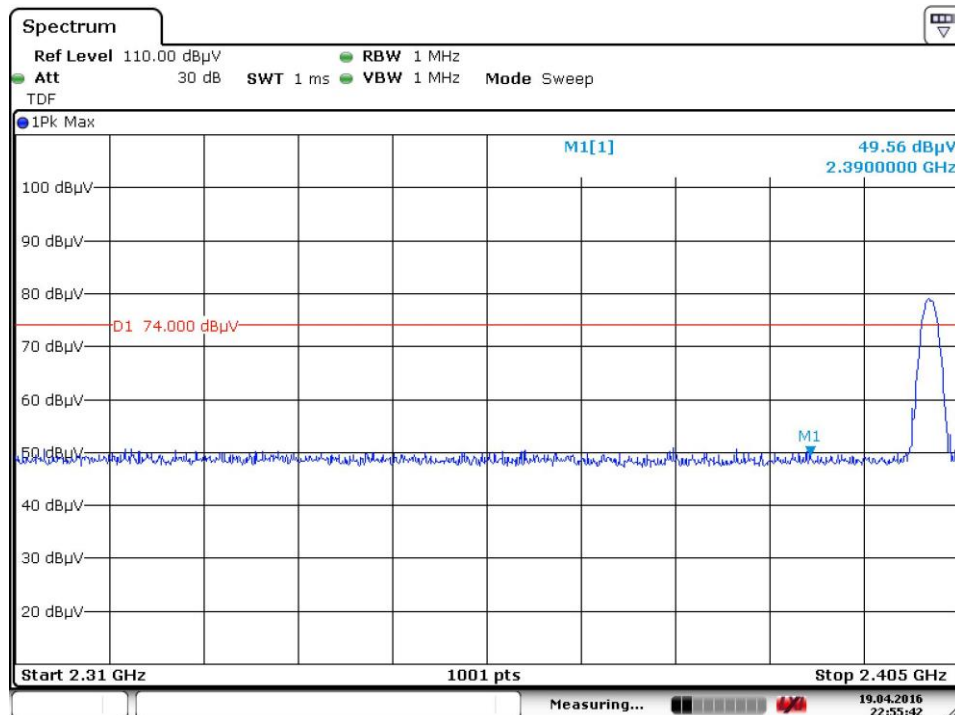
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# Radiated Bandedge (GFSK)

## Low Channel (Hor)

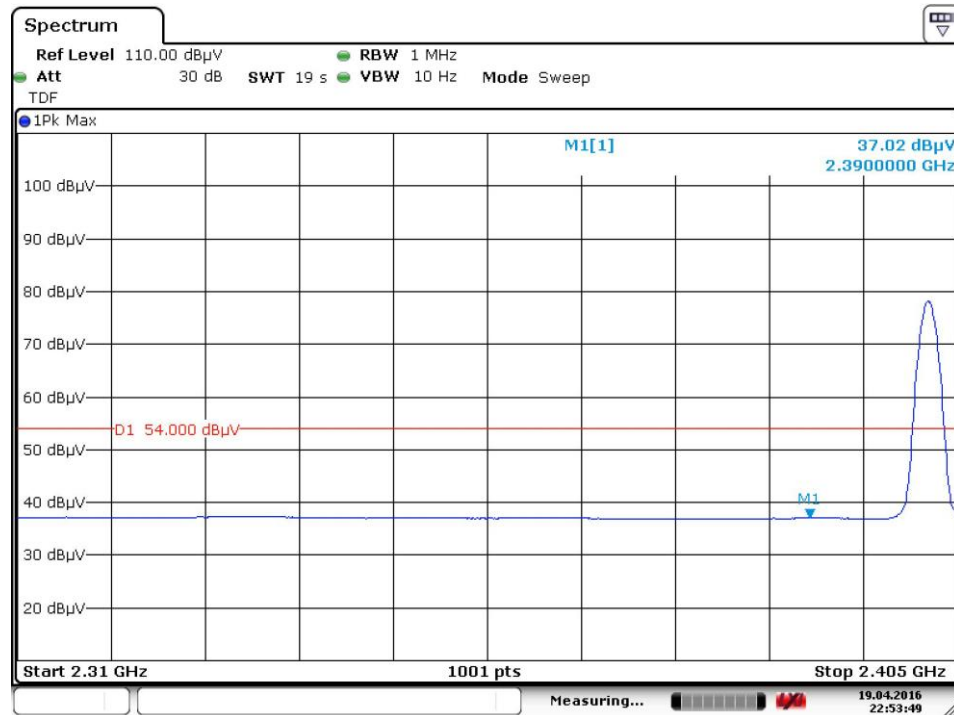


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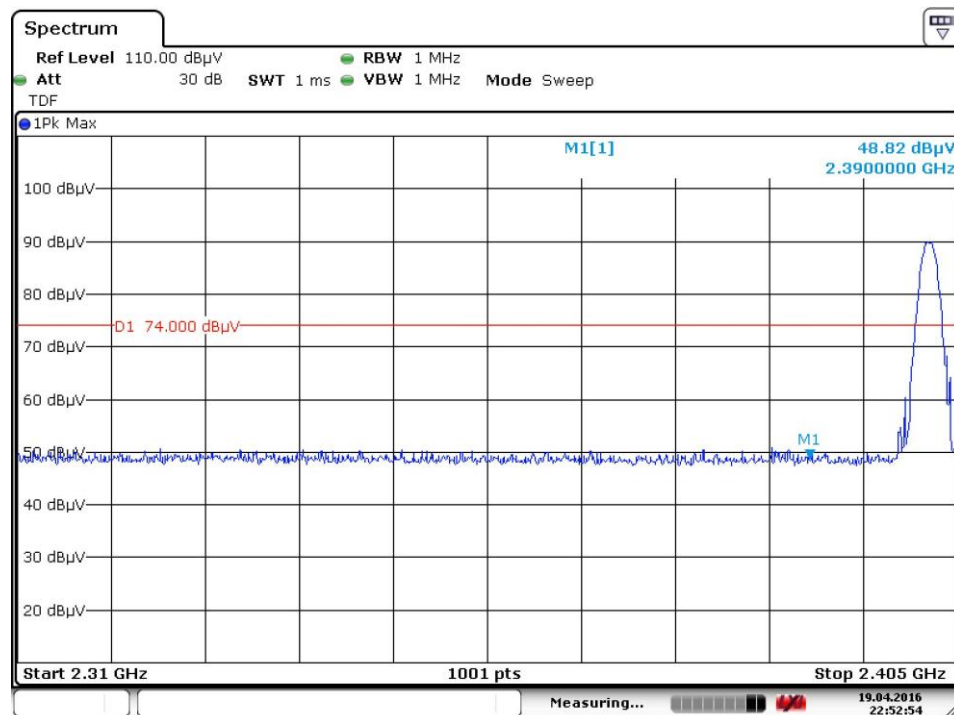


Date: 19.APR.2016 22:55:43

## Low Channel (Ver)



Date: 19.APR.2016 22:53:49

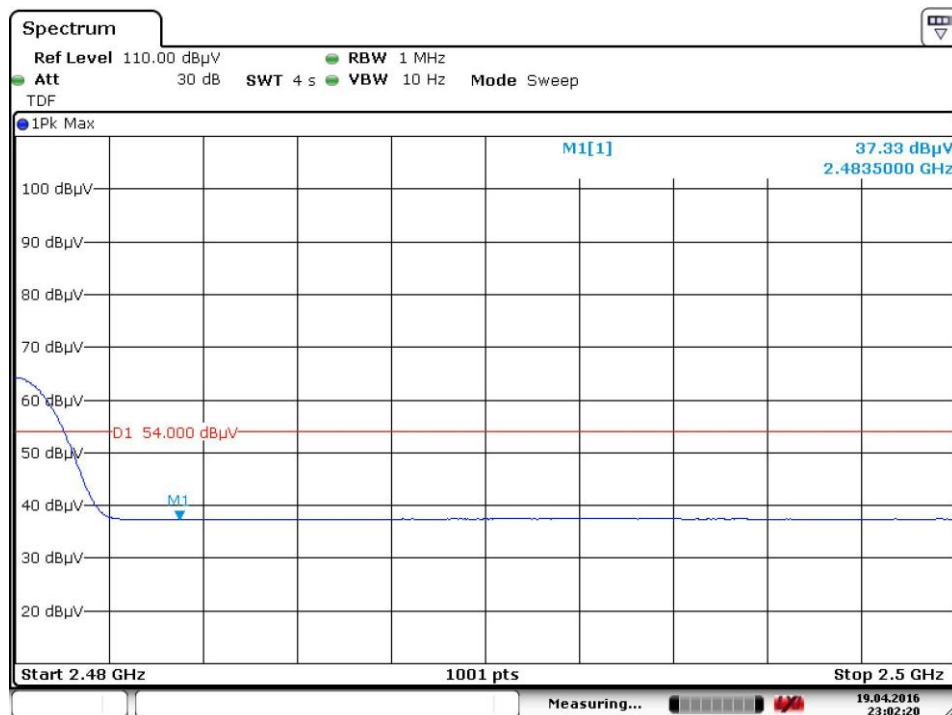


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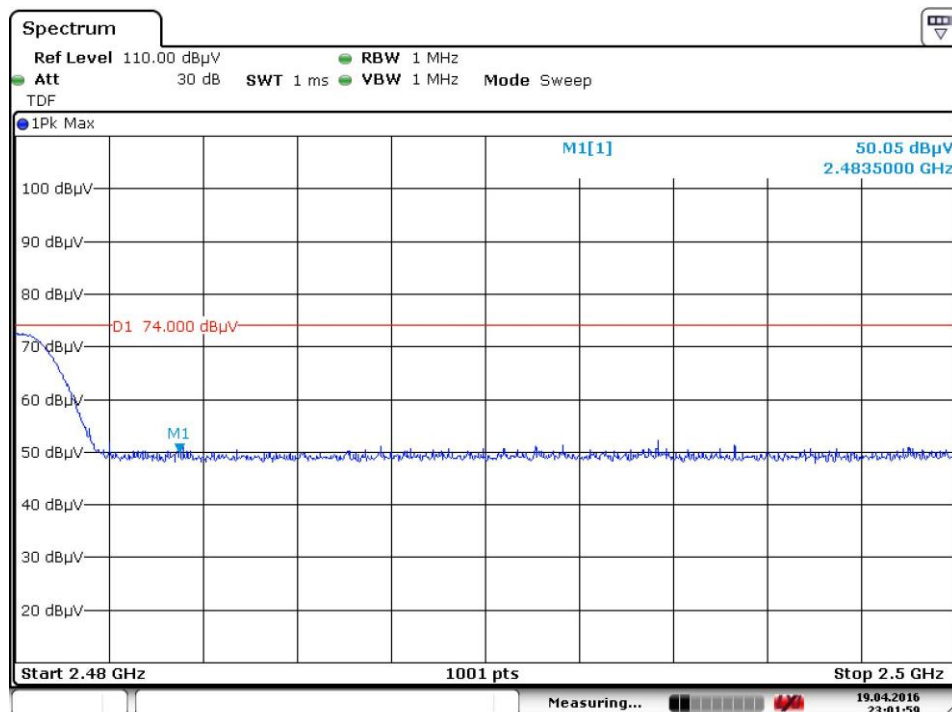
## Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (GFSK)

## High Channel (Hor)



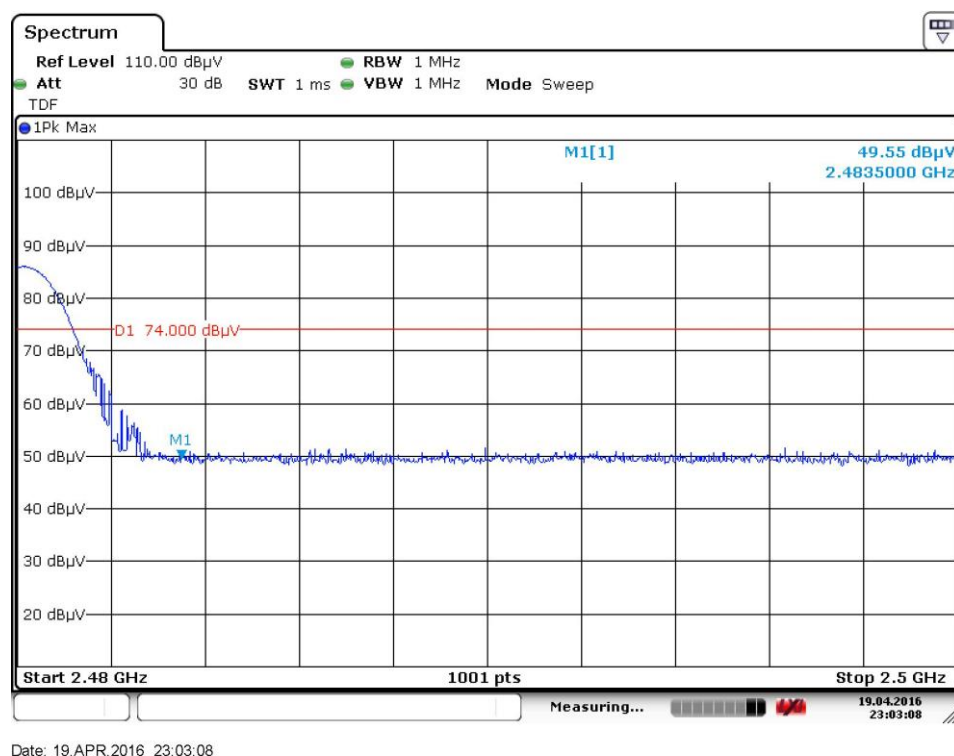
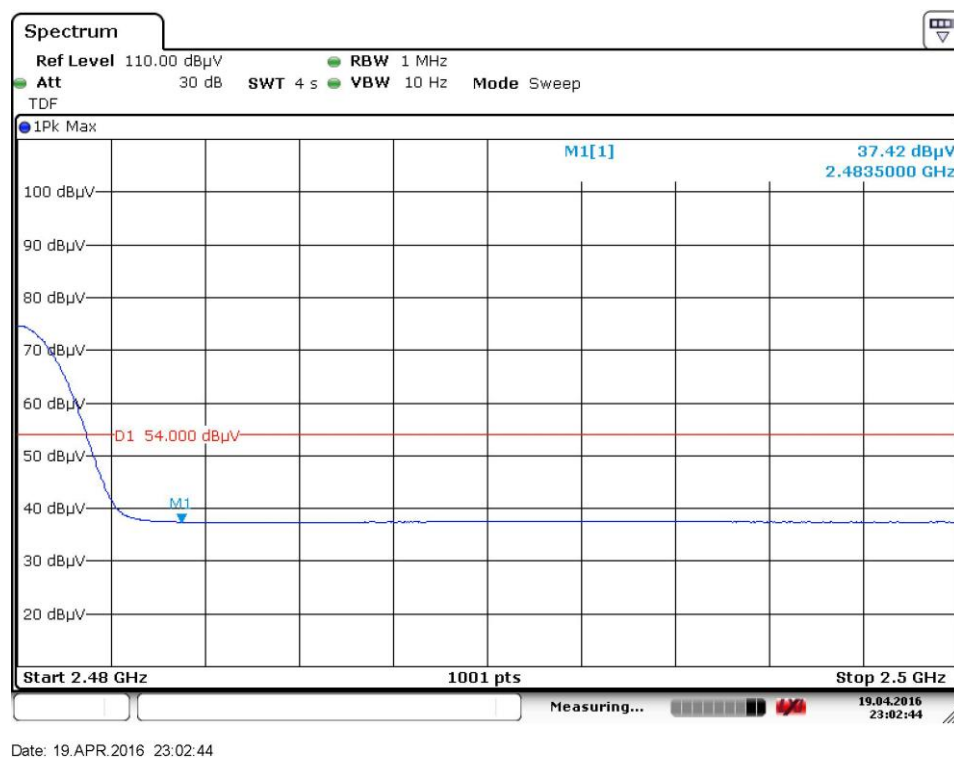
Date: 19.APR.2016 23:02:20



Date: 19.APR.2016 23:01:59

## Spurious Emissions, Band Edge, 2.35-2.5G

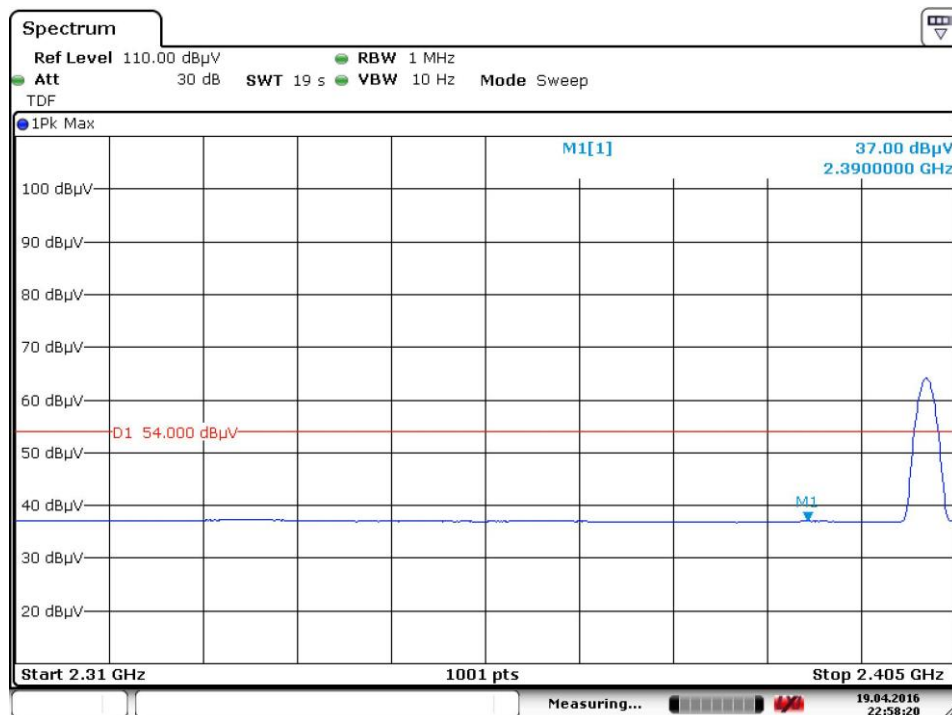
## High Channel (Ver)



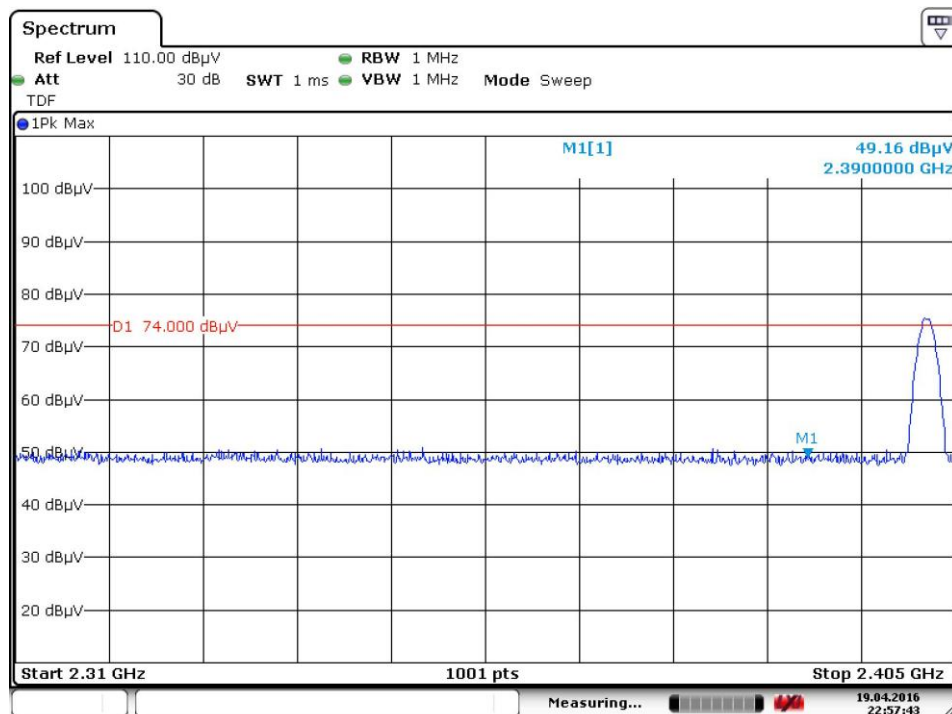
## Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (8DPSK)

## Low Channel (Hor)



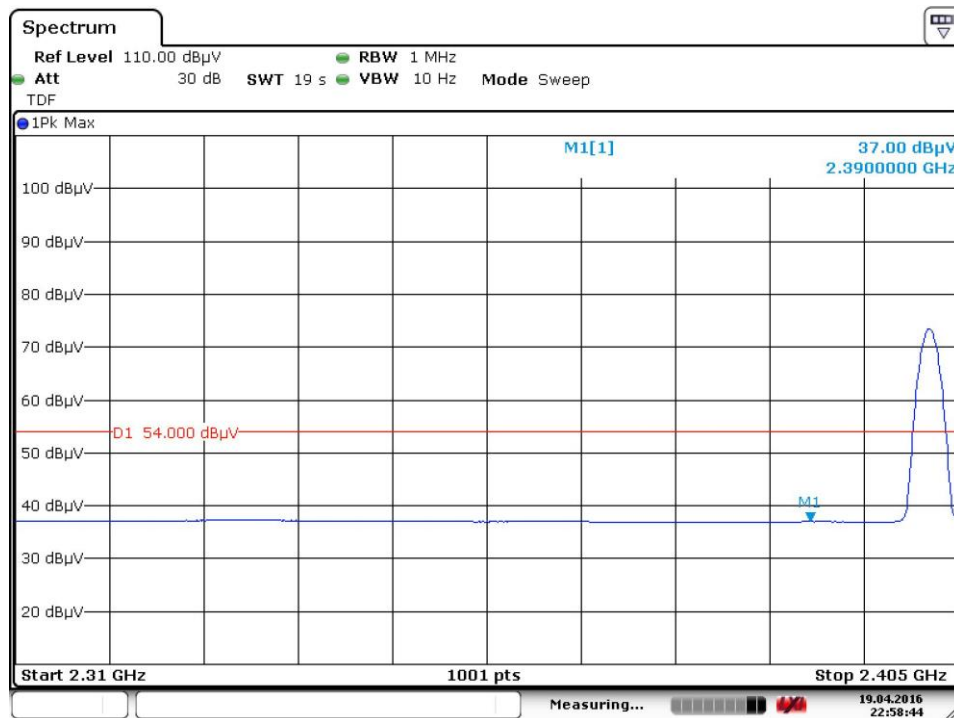
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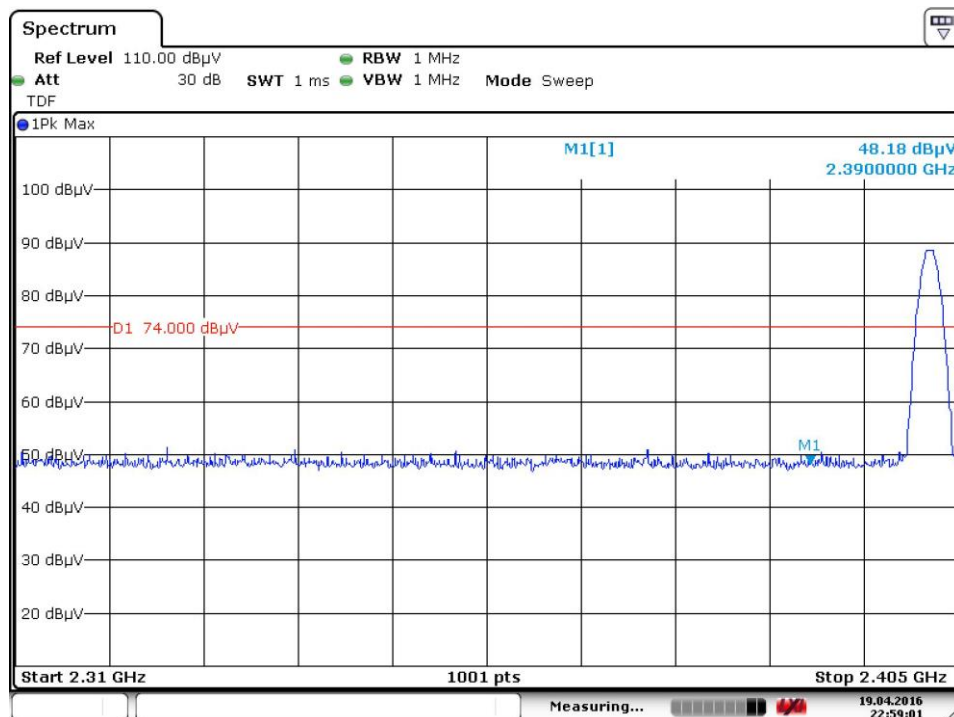
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## Spurious Emissions, Band Edge, 2.35-2.5G

## Low Channel (Ver)



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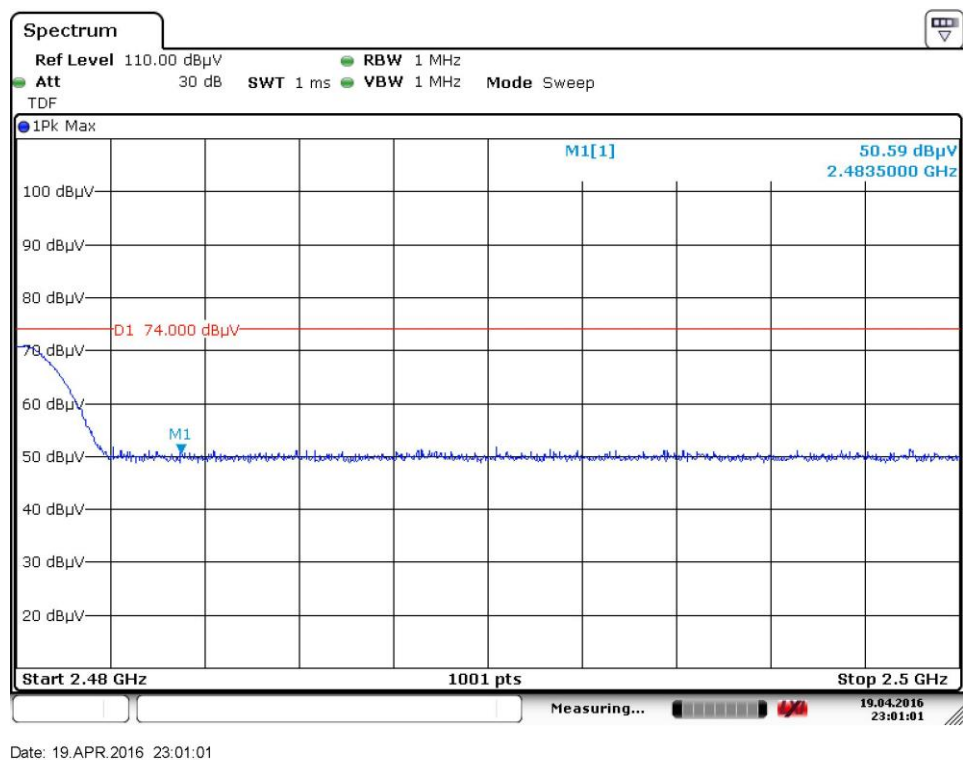
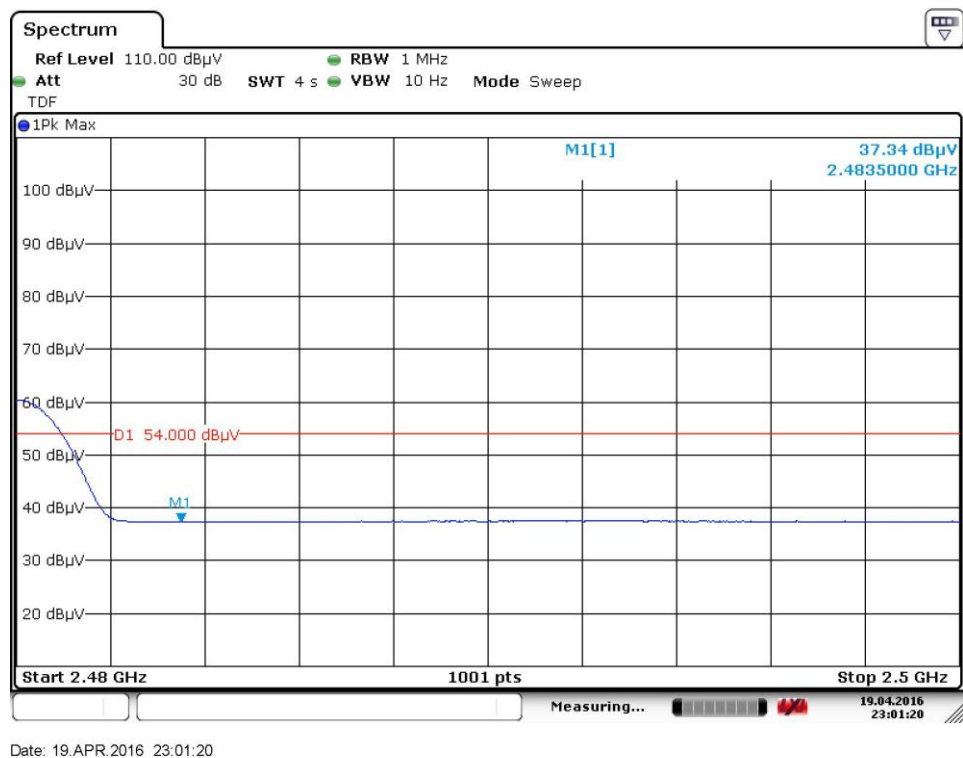


Date: 19.APR.2016 22:59:01

## Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (8DPSK)

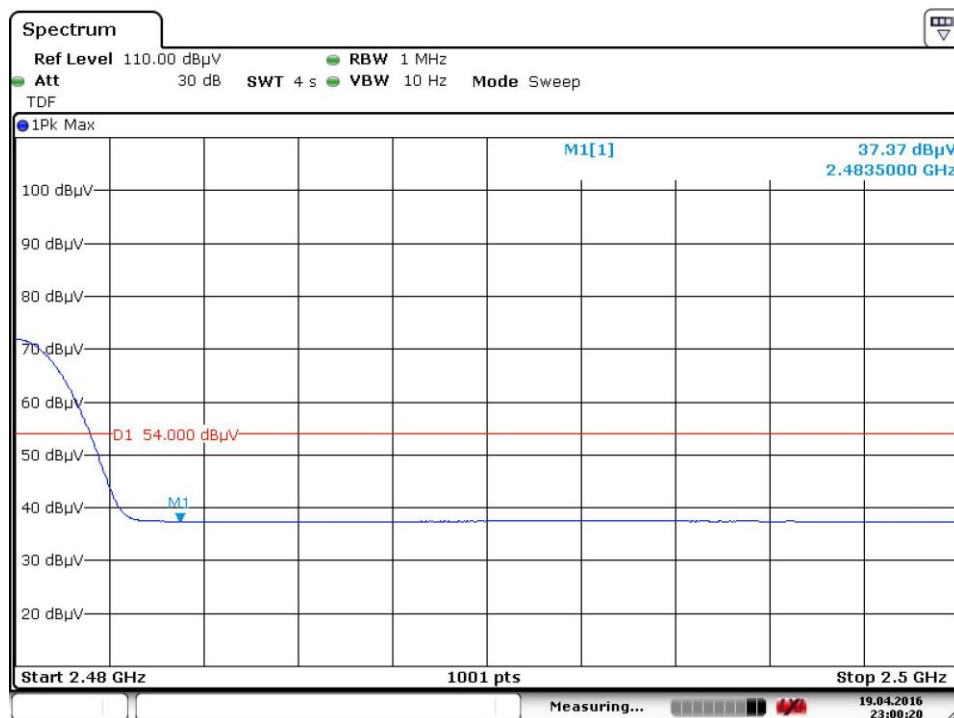
## High Channel (Hor)



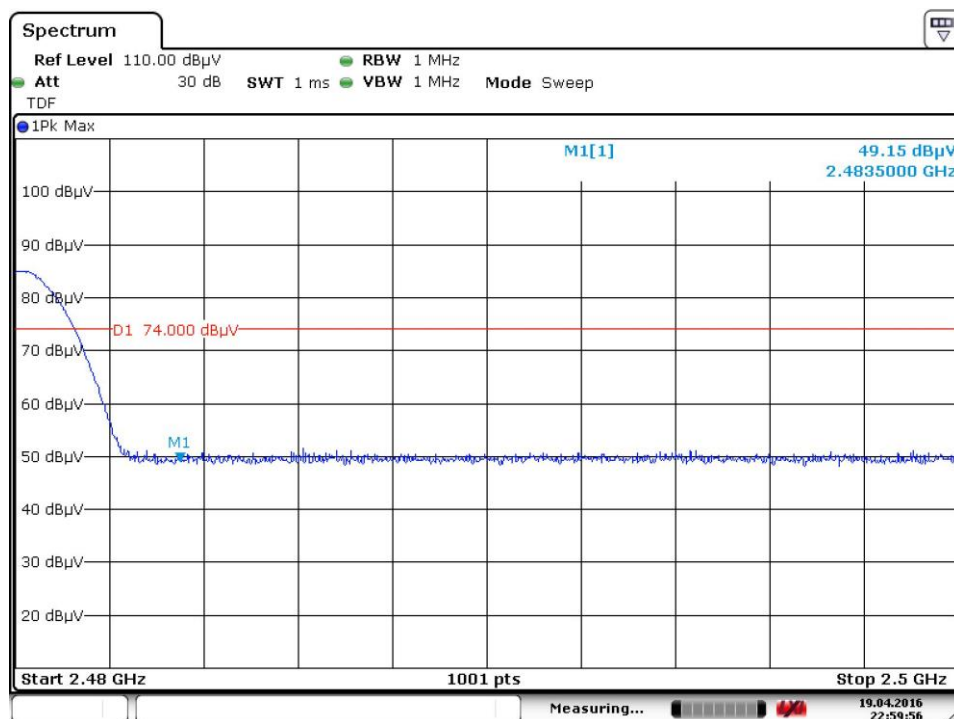
## Spurious Emissions, Band Edge, 2.35-2.5G



## High Channel (Ver)



Date: 19.APR.2016 23:00:21



Date: 19.APR.2016 22:59:57

## Spurious Emissions, Band Edge, 2.35-2.5G

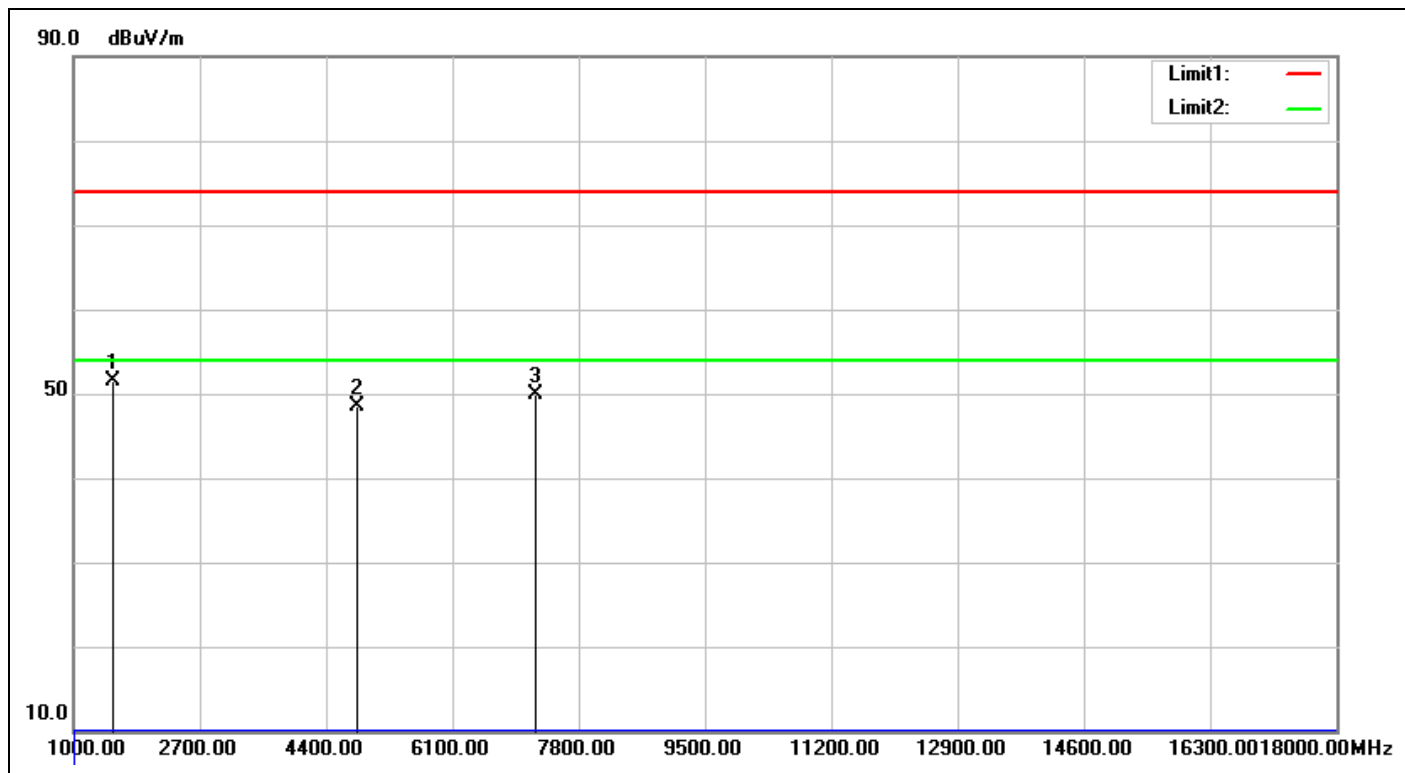
## Spurious Emissions, TX Mode, 1-18G



**TUV Taiwan**

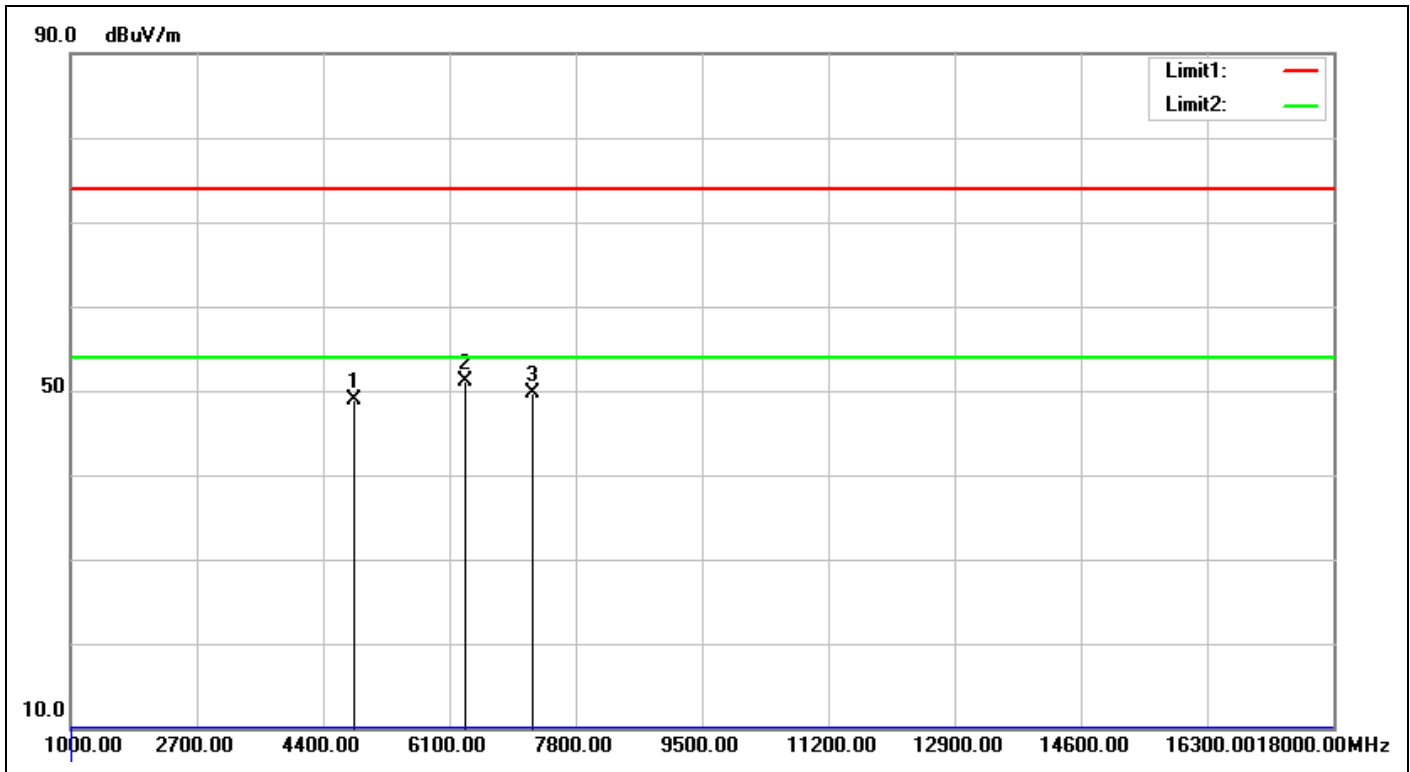
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



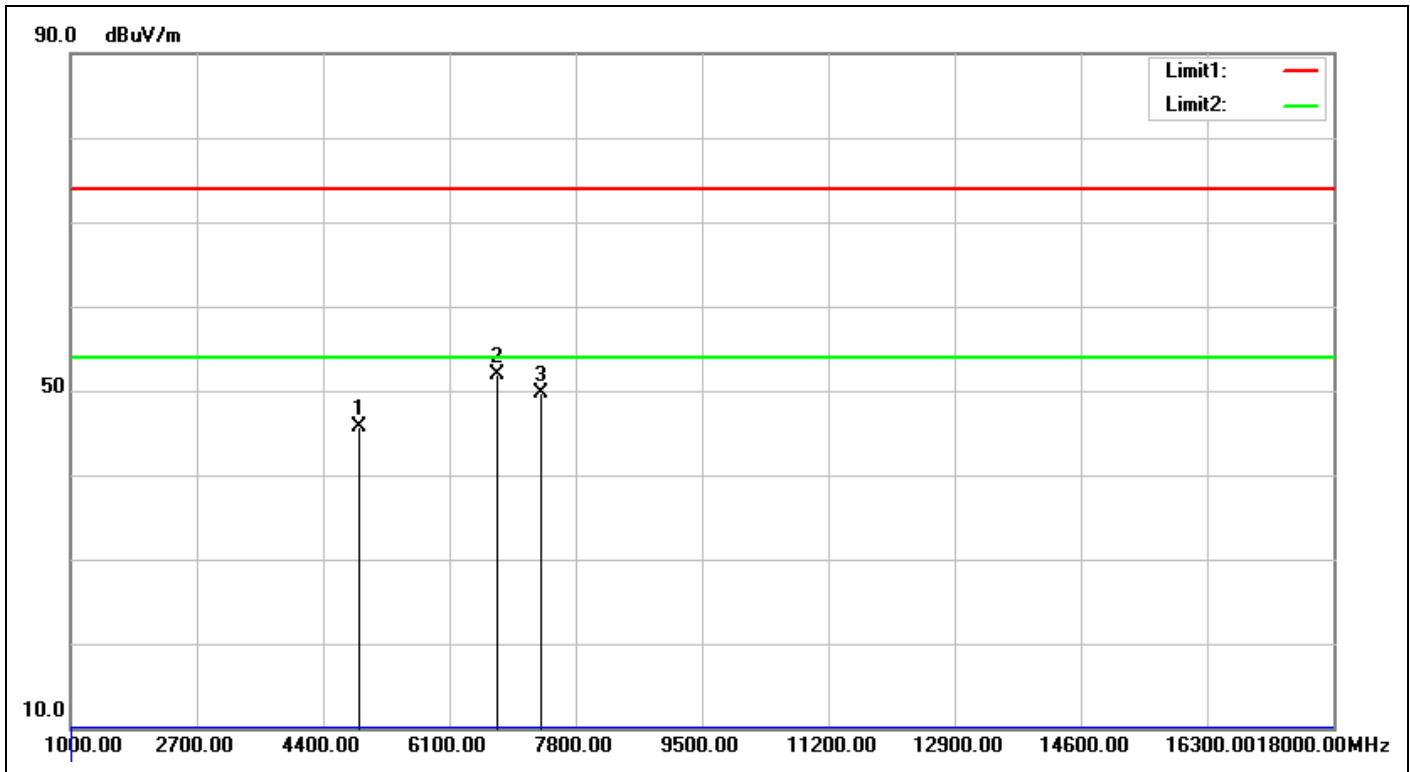
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|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:08:34</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1527.000        | -10.04        | 61.58          | 51.54          | 74.00          | -22.46      | peak | 100         | 174           |        |
| 2   | 4804.000        | -2.28         | 50.86          | 48.58          | 74.00          | -25.42      | peak |             | 0             |        |
| 3   | 7206.000        | 5.77          | 44.04          | 49.81          | 74.00          | -24.19      | peak |             | 0             |        |



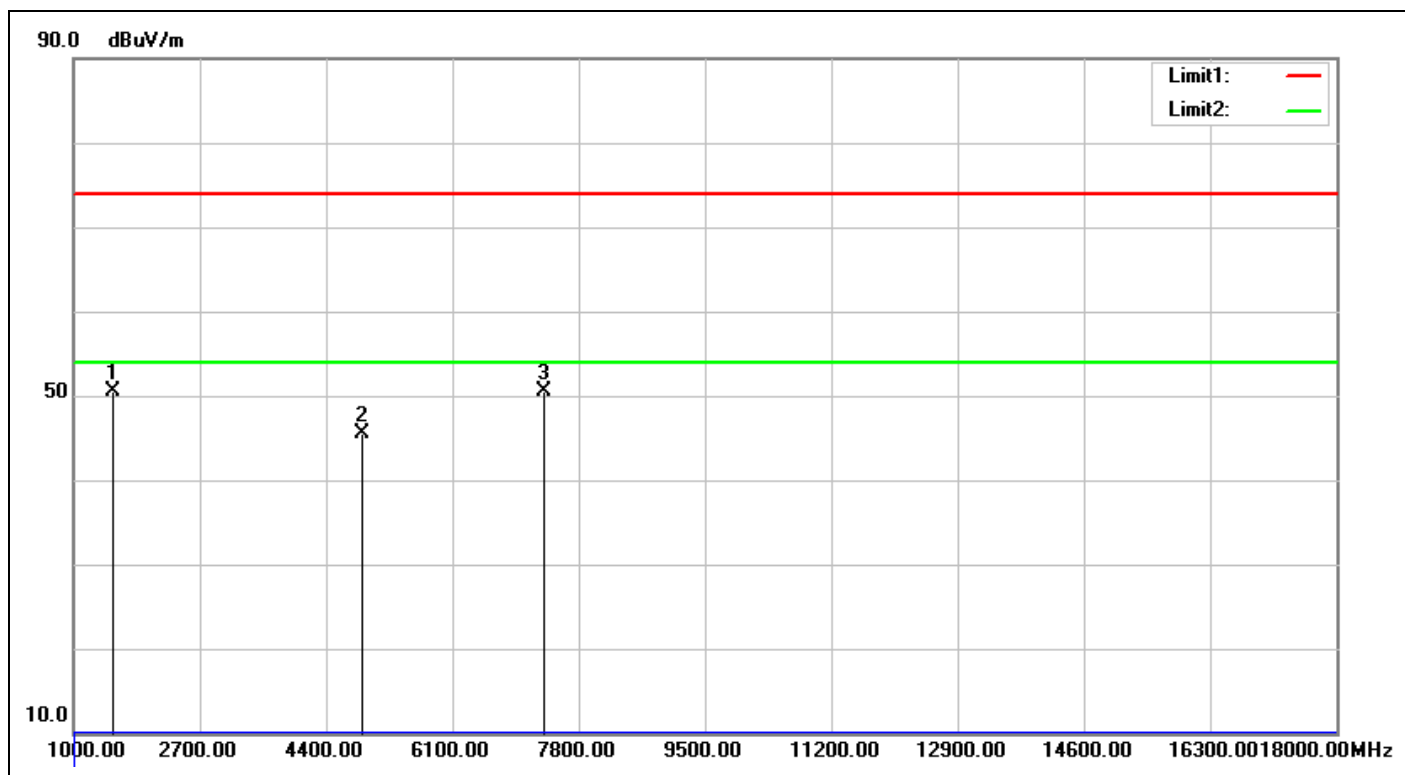
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|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:09:36</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 4804.000        | -2.28         | 51.25          | 48.97          | 74.00          | -25.03      | peak |             |               |        |
| 2   | 6321.000        | 5.34          | 45.86          | 51.20          | 74.00          | -22.80      | peak | 100         | 349           |        |
| 3   | 7206.000        | 5.77          | 44.02          | 49.79          | 74.00          | -24.21      | peak |             |               |        |



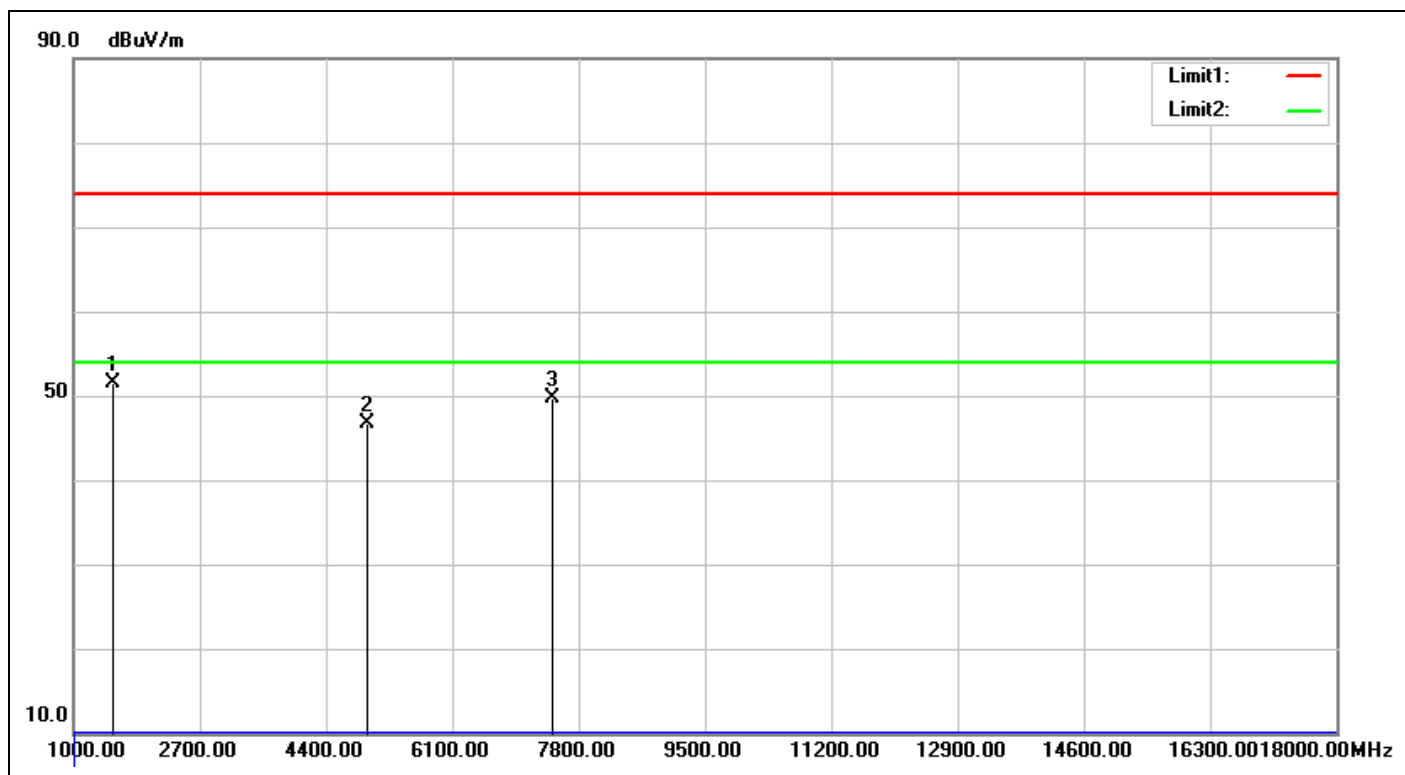
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|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:11:53</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 4882.000        | -2.10         | 47.72          | 45.62          | 74.00          | -28.38      | peak |             |               |        |
| 2   | 6746.000        | 5.60          | 46.33          | 51.93          | 74.00          | -22.07      | peak | 100         | 196           |        |
| 3   | 7323.000        | 6.11          | 43.60          | 49.71          | 74.00          | -24.29      | peak |             |               |        |



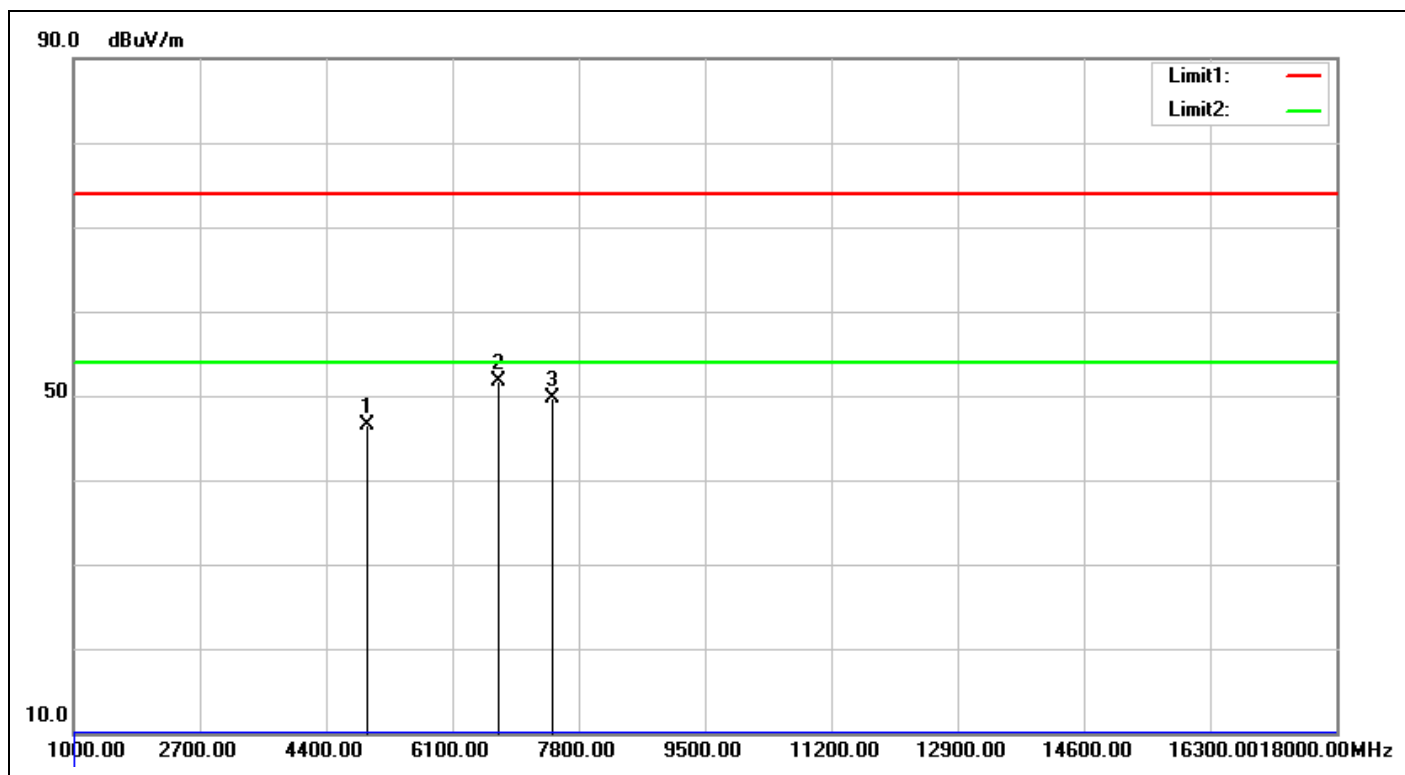
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|----------------|---|--------------------|--------------------|
| Service No.:   | 114047861-FCC                           | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK                       | Ant. Polarization: | Vertical           |
| Test item:     | Radiation Emission                      | Test Time:         | 2016/4/19 22:12:56 |
| Applicant:     | LONG DAR                                | Test Rating:       | DC 3.7V            |
| Product:       | Bluetooth PCB (Built-in sounds) earmuff | Temp.(°C)/Hum.(%)  | 22.6(°C)/59%       |
| Model No.:     | EP132                                   | Test Engineer:     | George Yang        |
| Test Mode:     | 1DH5-2441-TX                            |                    |                    |
| Remark:        |   |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1527.000        | -10.04        | 60.45          | 50.41          | 74.00          | -23.59      | peak | 100         | 161           |        |
| 2   | 4882.000        | -2.10         | 47.62          | 45.52          | 74.00          | -28.48      | peak |             |               |        |
| 3   | 7323.000        | 6.11          | 44.46          | 50.57          | 74.00          | -23.43      | peak |             |               |        |



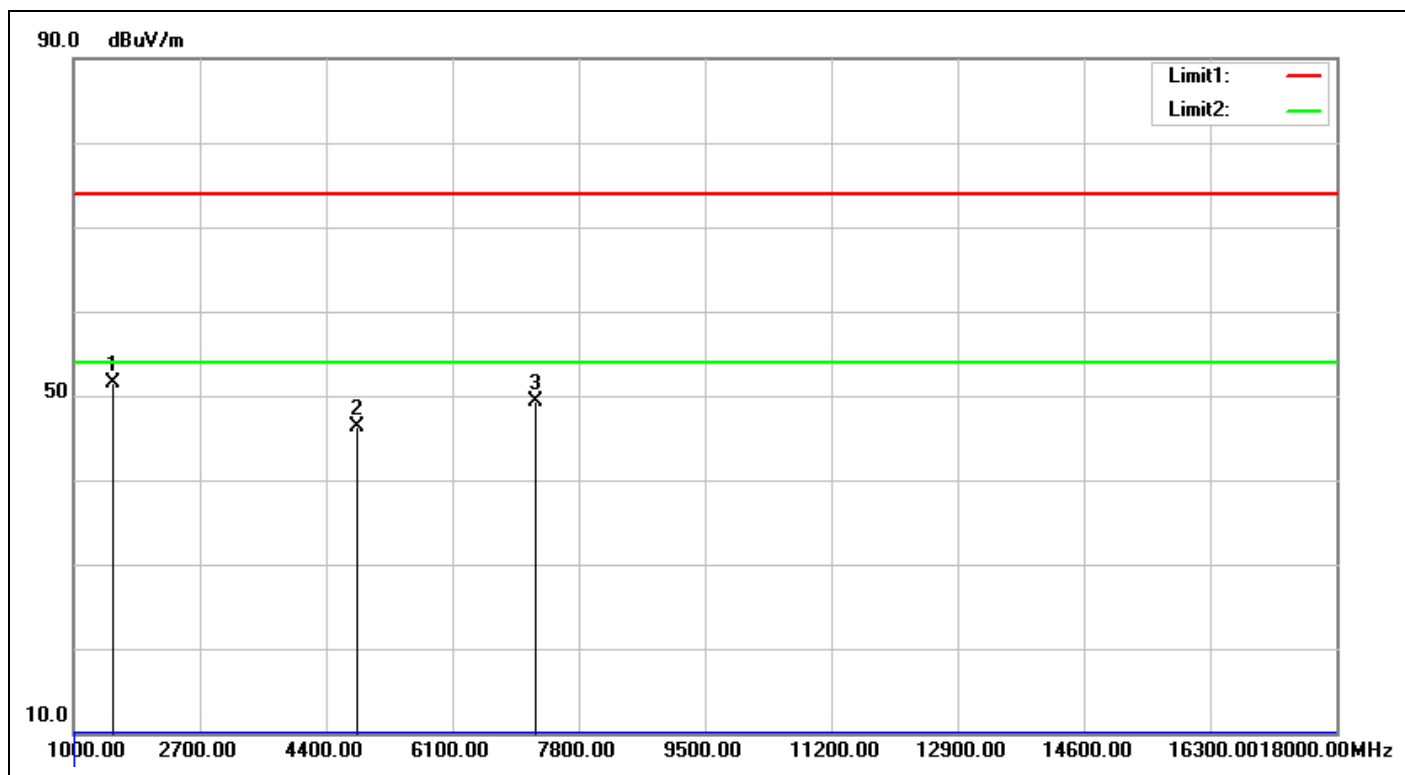
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|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:15:08</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1527.000        | -10.04        | 61.56          | 51.52          | 74.00          | -22.48      | peak | 100         | 171           |        |
| 2   | 4960.000        | -1.91         | 48.53          | 46.62          | 74.00          | -27.38      | peak |             |               |        |
| 3   | 7440.000        | 6.44          | 43.33          | 49.77          | 74.00          | -24.23      | peak |             |               |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:16:10</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

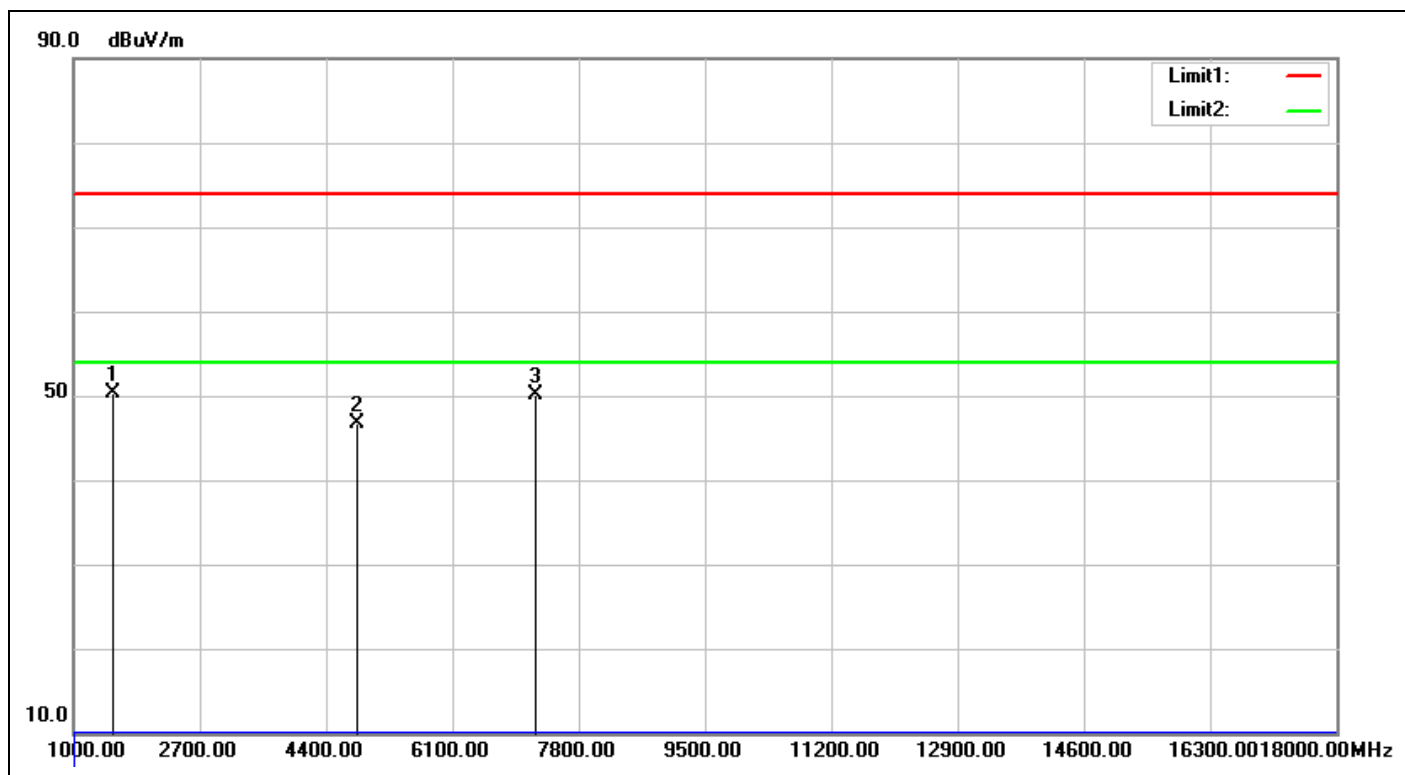
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 4960.000        | -1.91         | 48.35          | 46.44          | 74.00          | -27.56      | peak |             |               |        |
| 2   | 6712.000        | 5.66          | 46.03          | 51.69          | 74.00          | -22.31      | peak | 100         | 76            |        |
| 3   | 7440.000        | 6.44          | 43.24          | 49.68          | 74.00          | -24.32      | peak |             |               |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:18:24</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

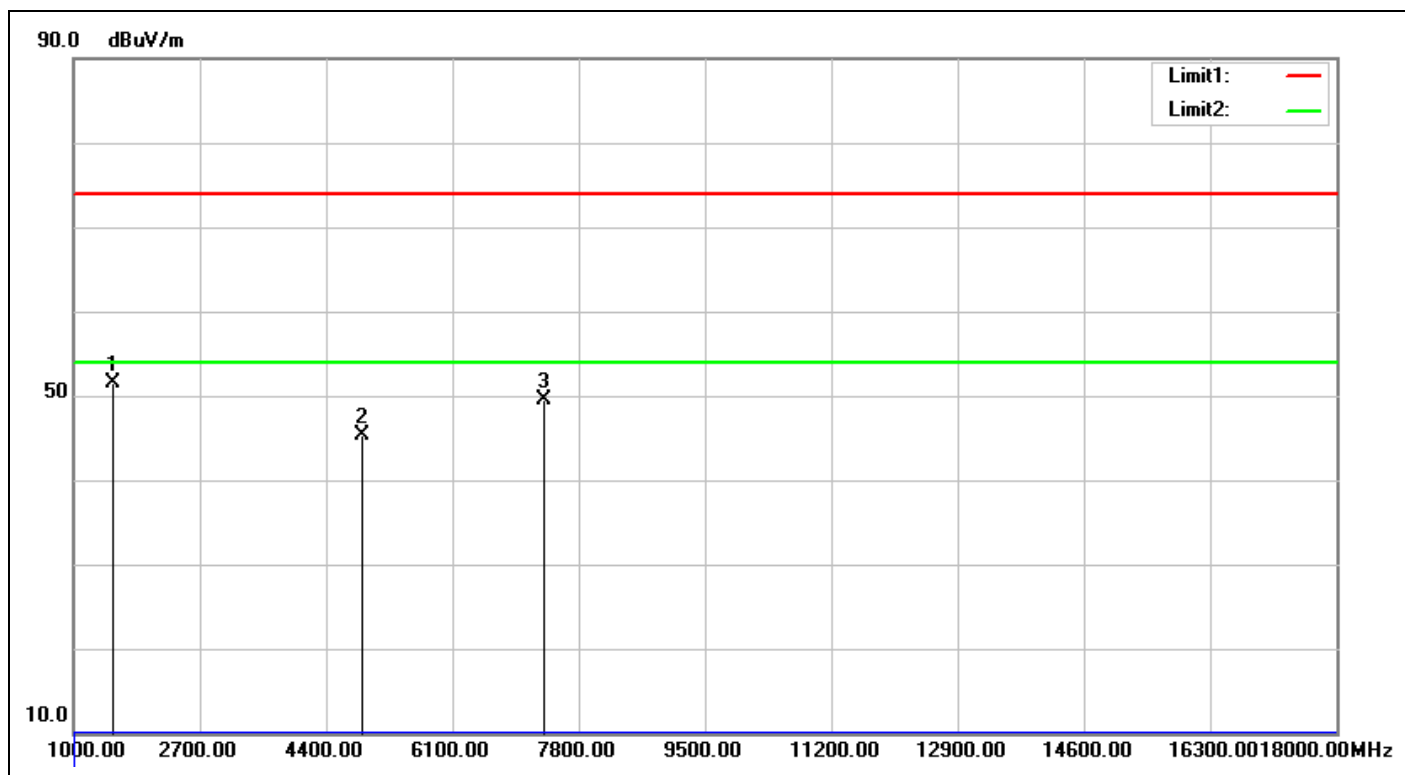
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1527.000        | -10.04        | 61.55          | 51.51          | 74.00          | -22.49      | peak | 100         | 174           |        |
| 2   | 4804.000        | -2.28         | 48.65          | 46.37          | 74.00          | -27.63      | peak |             | 0             |        |
| 3   | 7206.000        | 5.77          | 43.60          | 49.37          | 74.00          | -24.63      | peak |             | 0             |        |





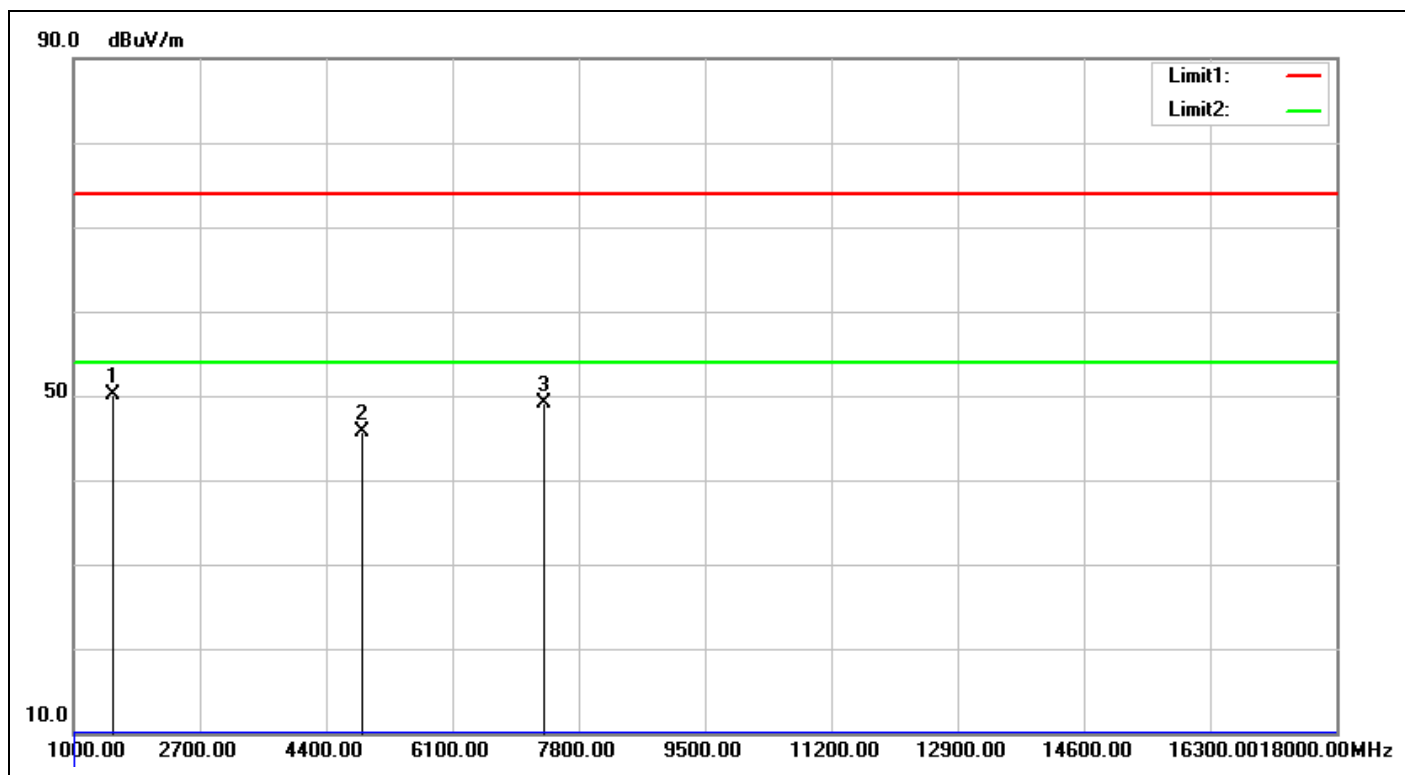
|                |   |                    |                    |
|----------------|---|--------------------|--------------------|
| Service No.:   | 114047861-FCC                           | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK                       | Ant. Polarization: | Vertical           |
| Test item:     | Radiation Emission                      | Test Time:         | 2016/4/19 22:19:27 |
| Applicant:     | LONG DAR                                | Test Rating:       | DC 3.7V            |
| Product:       | Bluetooth PCB (Built-in sounds) earmuff | Temp.(°C)/Hum.(%)  | 22.6(°C)/59%       |
| Model No.:     | EP132                                   | Test Engineer:     | George Yang        |
| Test Mode:     | 3DH5-2402-TX                            |                    |                    |
| Remark:        |   |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1527.000        | -10.04        | 60.36          | 50.32          | 74.00          | -23.68      | peak | 100         | 161           |        |
| 2   | 4804.000        | -2.28         | 48.91          | 46.63          | 74.00          | -27.37      | peak |             |               |        |
| 3   | 7206.000        | 5.77          | 44.25          | 50.02          | 74.00          | -23.98      | peak |             |               |        |



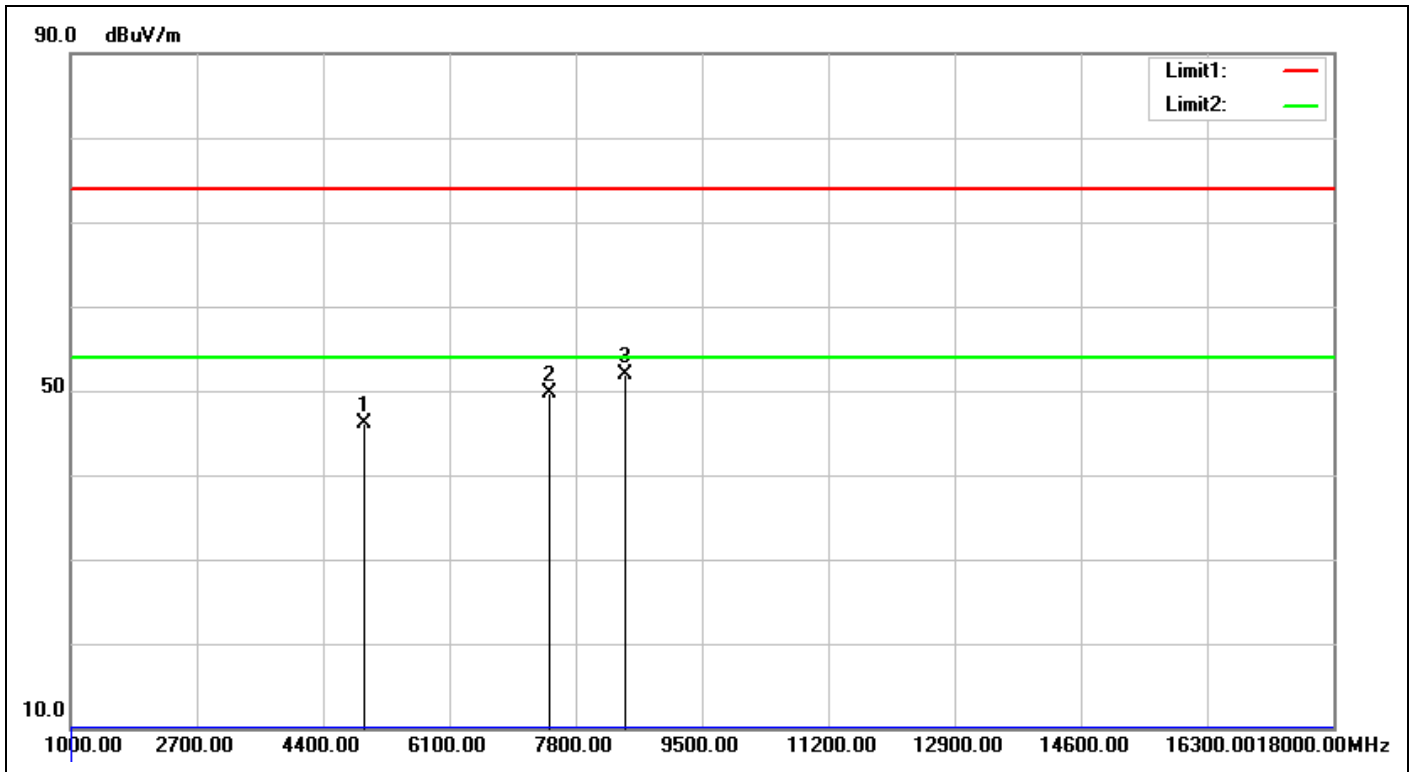
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|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:21:29</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1527.000        | -10.04        | 61.46          | 51.42          | 74.00          | -22.58      | peak | 100         | 174           |        |
| 2   | 4882.000        | -2.10         | 47.32          | 45.22          | 74.00          | -28.78      | peak |             |               |        |
| 3   | 7323.000        | 6.11          | 43.34          | 49.45          | 74.00          | -24.55      | peak |             |               |        |



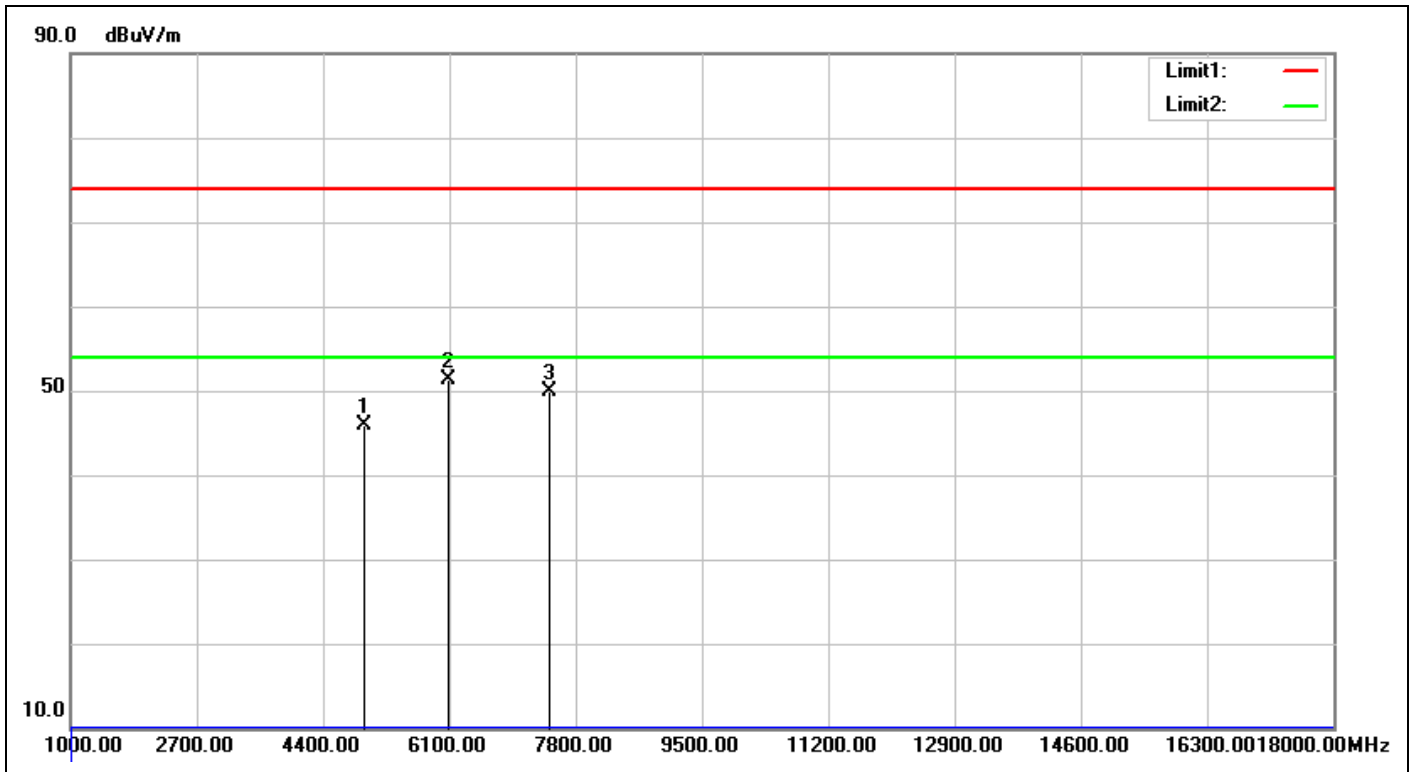
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:22:32</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 1527.000           | -10.04           | 60.09             | 50.05             | 74.00             | -23.95         | peak | 100            | 161              |        |
| 2   | 4882.000           | -2.10            | 47.77             | 45.67             | 74.00             | -28.33         | peak |                |                  |        |
| 3   | 7323.000           | 6.11             | 43.08             | 49.19             | 74.00             | -24.81         | peak |                |                  |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:24:41</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 4960.000        | -1.91         | 47.98          | 46.07          | 74.00          | -27.93      | peak |             |               |        |
| 2   | 7440.000        | 6.44          | 43.30          | 49.74          | 74.00          | -24.26      | peak |             |               |        |
| 3   | 8463.000        | 6.72          | 45.12          | 51.84          | 74.00          | -22.16      | peak | 100         | 52            |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:25:44</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 4960.000           | -1.91            | 47.76             | 45.85             | 74.00             | -28.15         | peak |                |                  |        |
| 2   | 6083.000           | 4.45             | 46.79             | 51.24             | 74.00             | -22.76         | peak | 100            | 208              |        |
| 3   | 7440.000           | 6.44             | 43.55             | 49.99             | 74.00             | -24.01         | peak |                |                  |        |

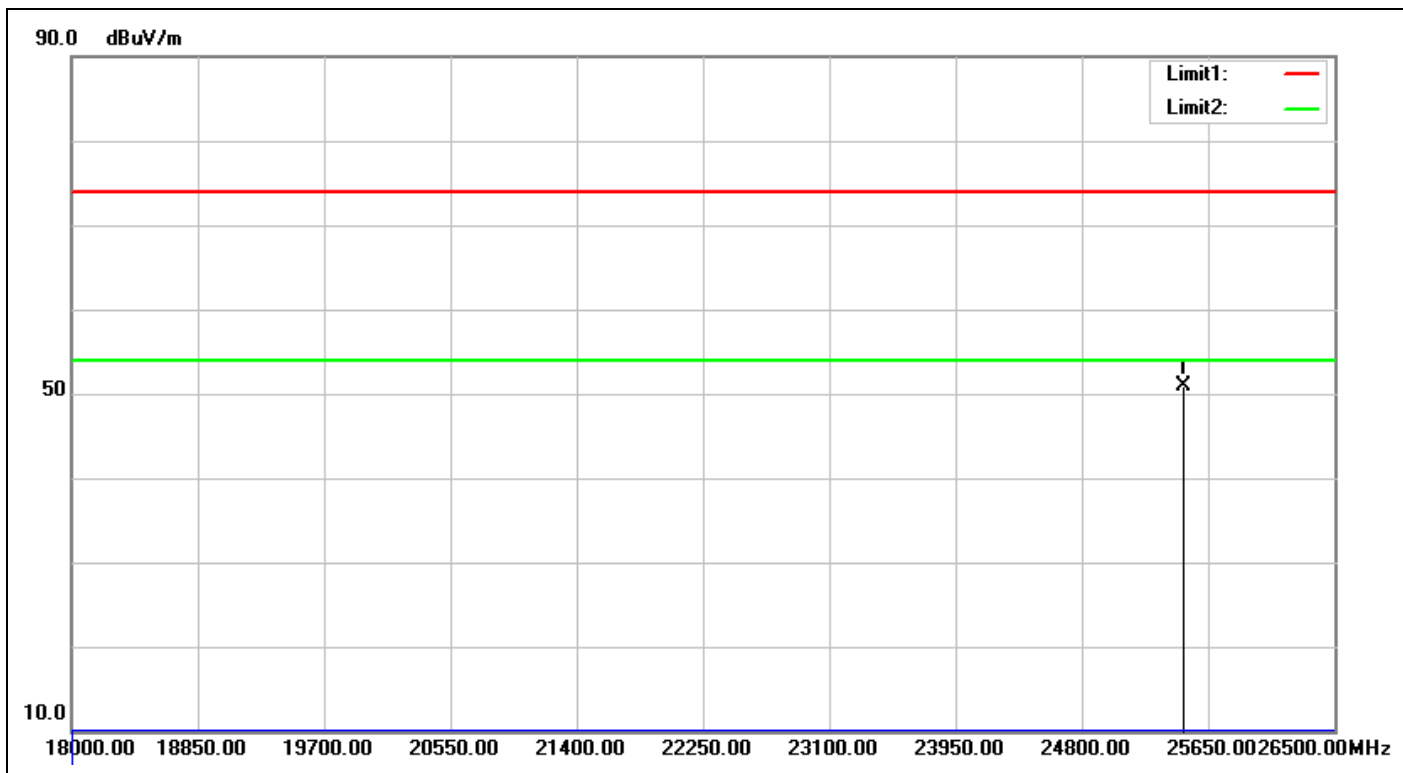
## Spurious Emissions, TX Mode, 18-26G



**TUV Taiwan**

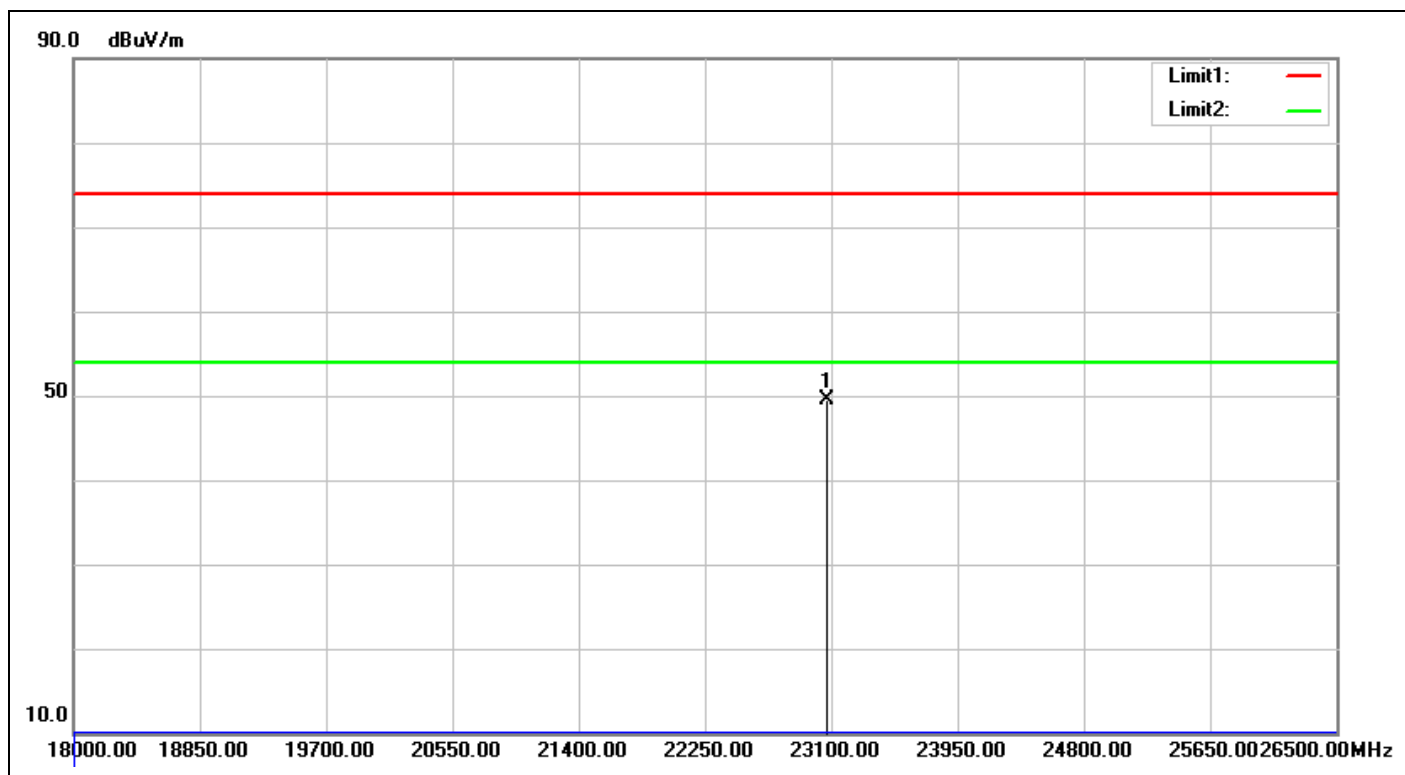
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



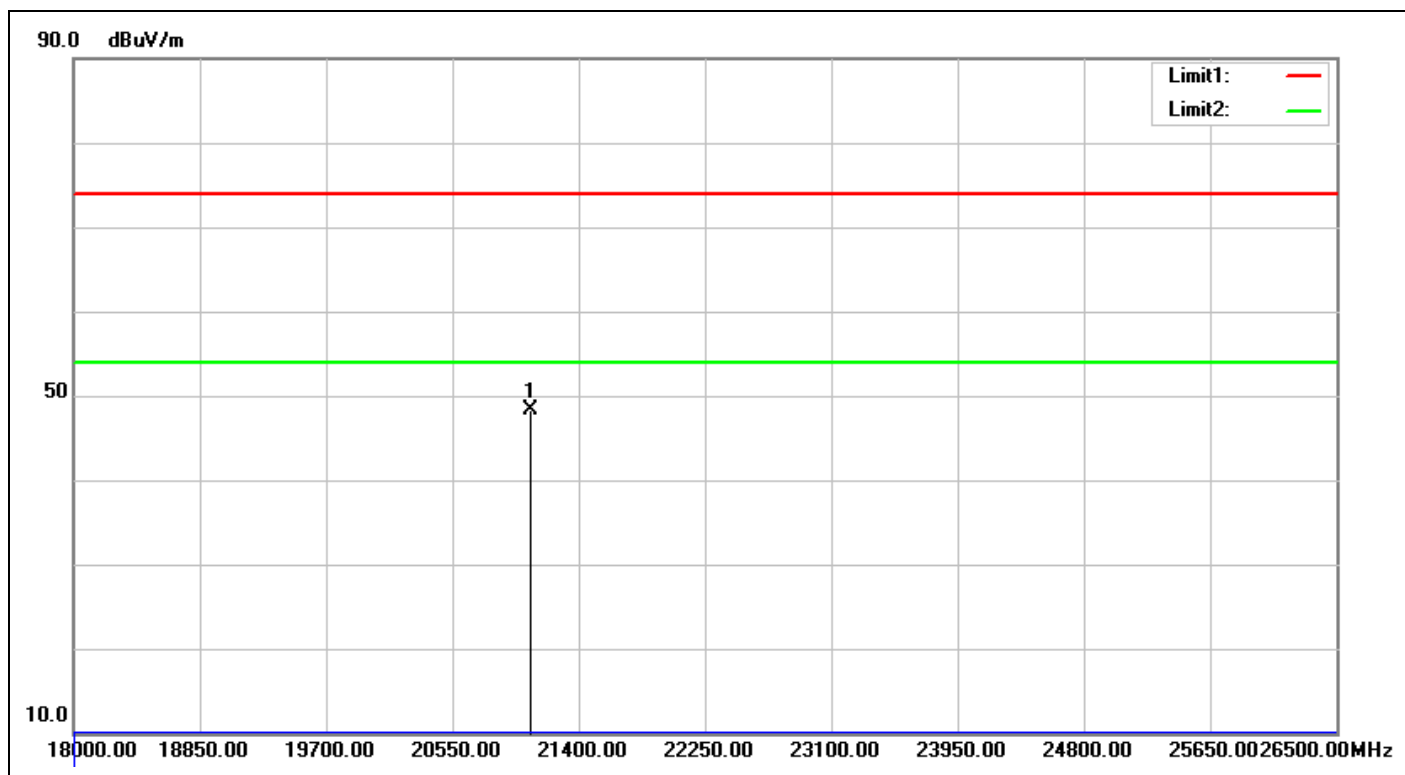
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:32:32</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 25480.000          | 31.77            | 19.12             | 50.89             | 74.00             | -23.11         | peak |                | 0                |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:32:43</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

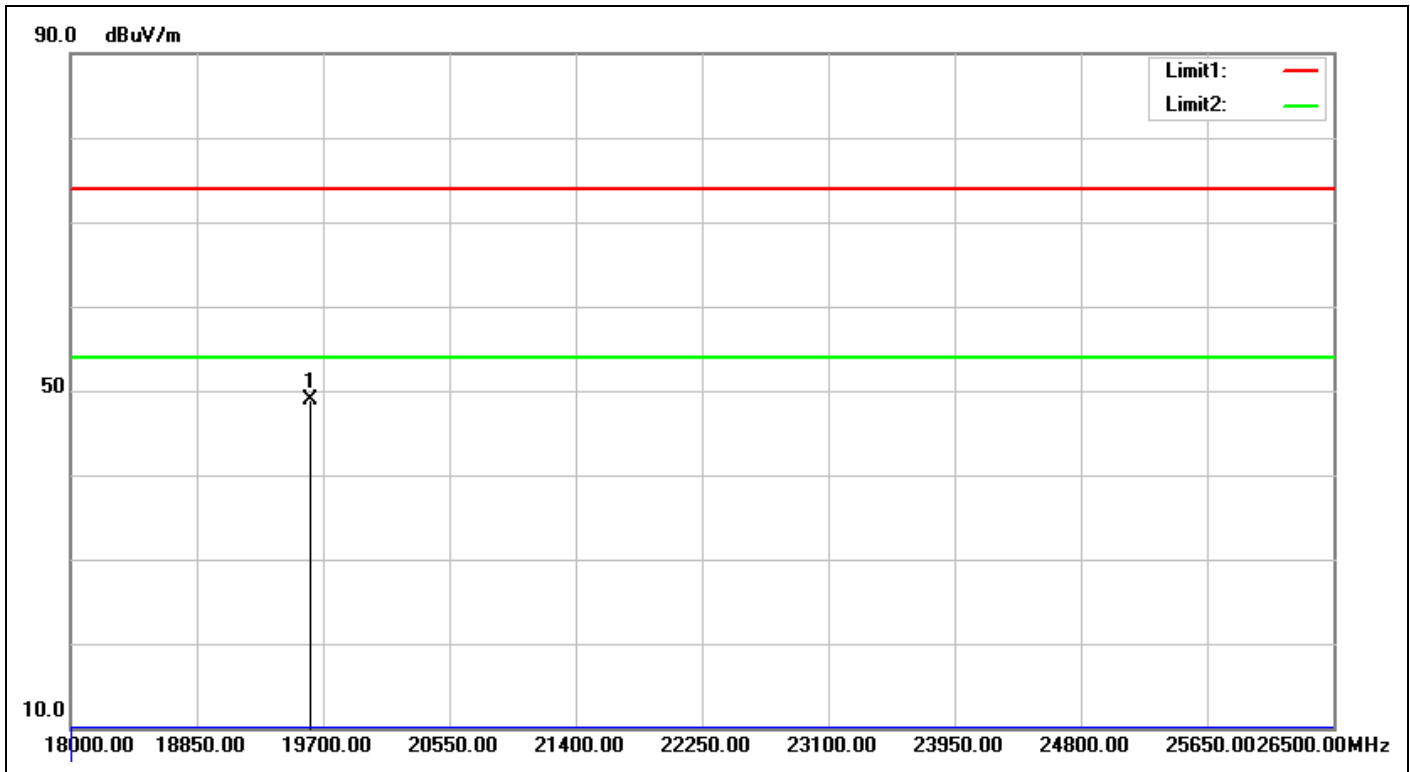
| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 23066.000          | 30.43            | 19.06             | 49.49             | 74.00             | -24.51         | peak |                |                  |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:32:55</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

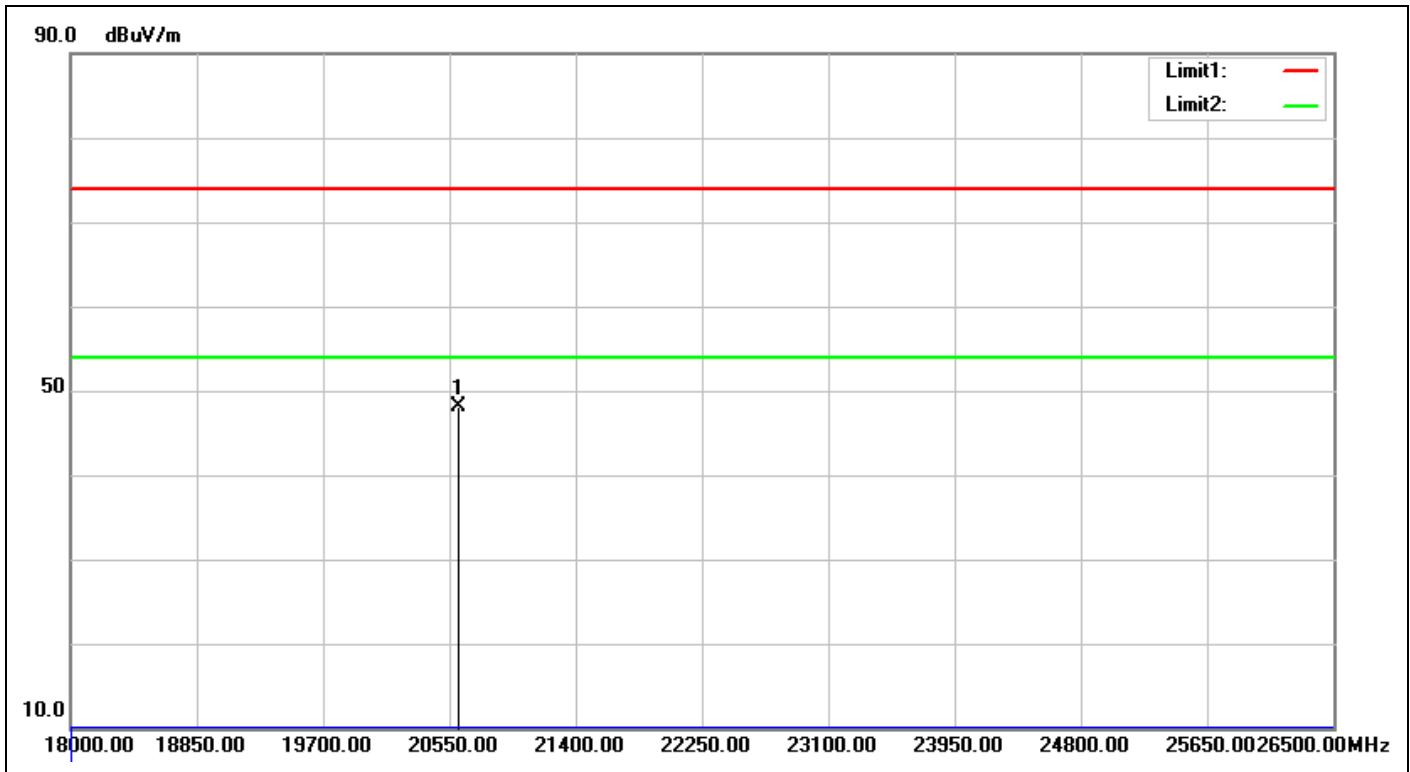
| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 21077.000          | 29.90            | 18.33             | 48.23             | 74.00             | -25.77         | peak |                |                  |        |





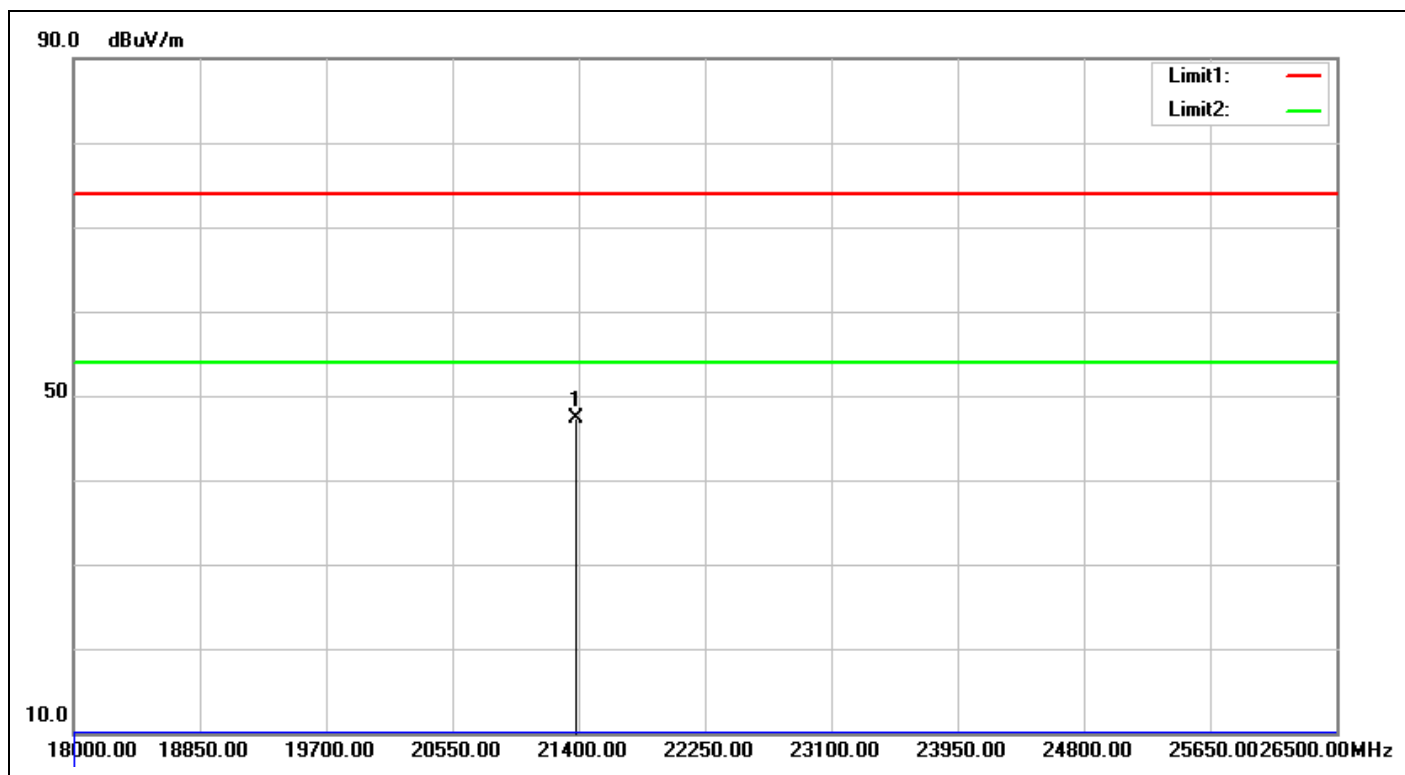
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:33:01</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 19615.000          | 29.55            | 19.37             | 48.92             | 74.00             | -25.08         | peak |                |                  |        |



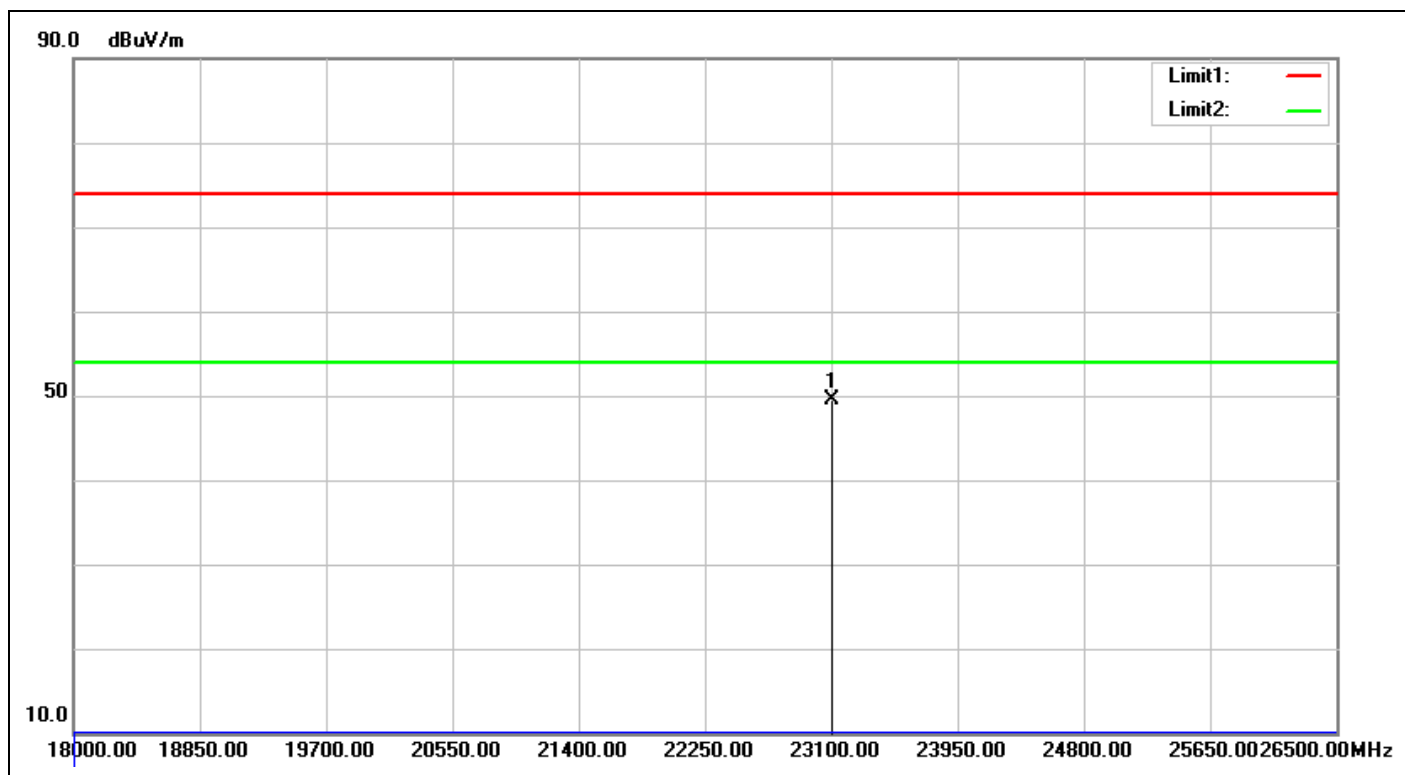
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:33:14</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 20609.500          | 29.89            | 18.19             | 48.08             | 74.00             | -25.92         | peak |                |                  |        |



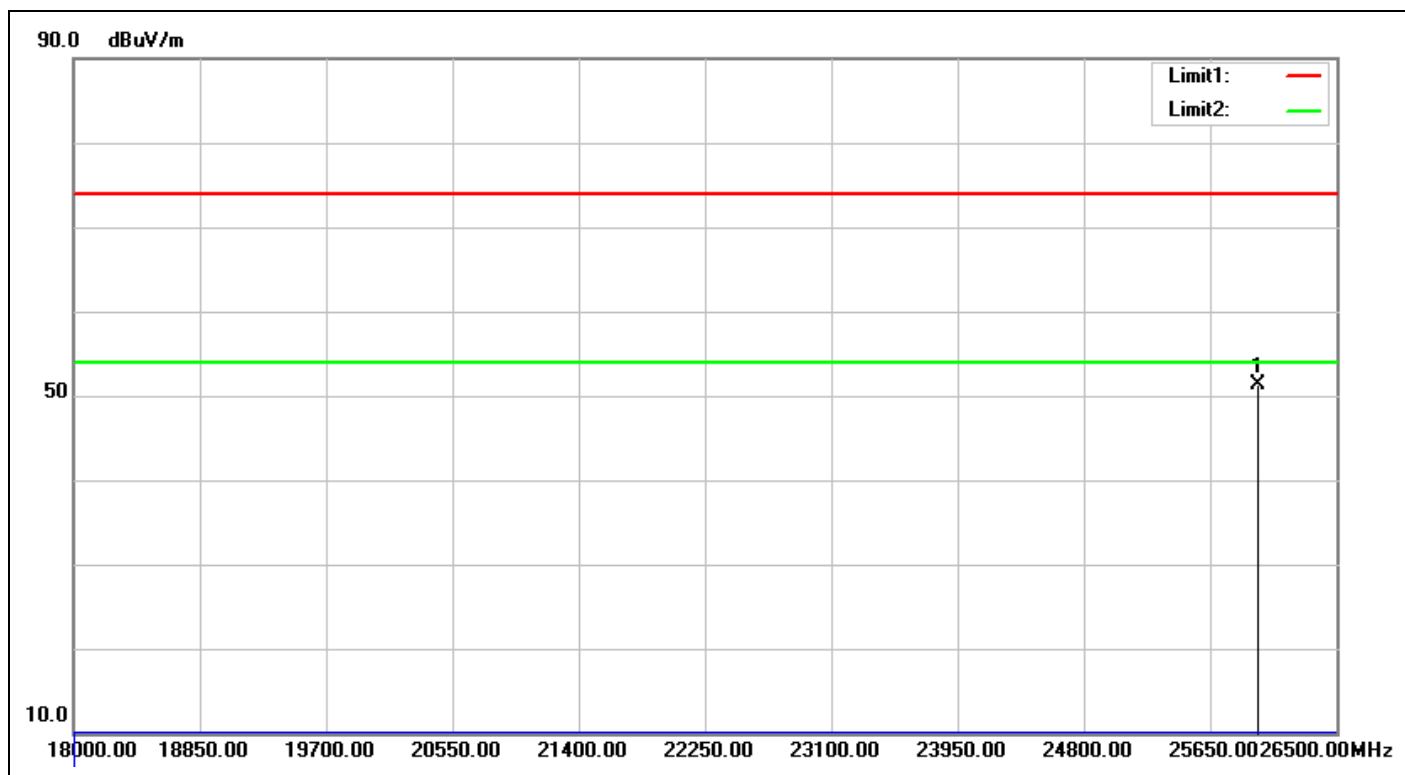
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:33:21</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 21383.000          | 29.61            | 17.65             | 47.26             | 74.00             | -26.74         | peak |                |                  |        |



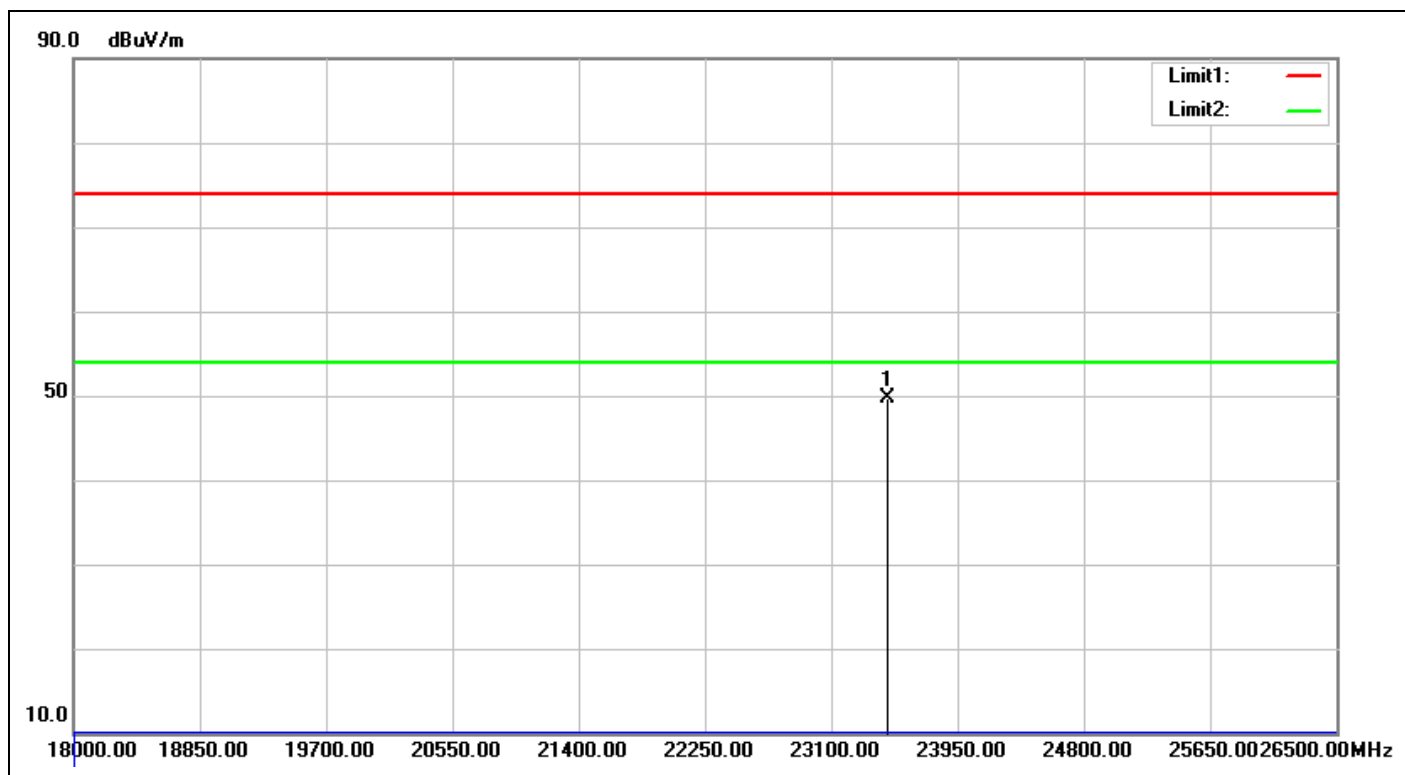
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:33:34</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 23108.500          | 30.39            | 19.21             | 49.60             | 74.00             | -24.40         | peak |                |                  |        |



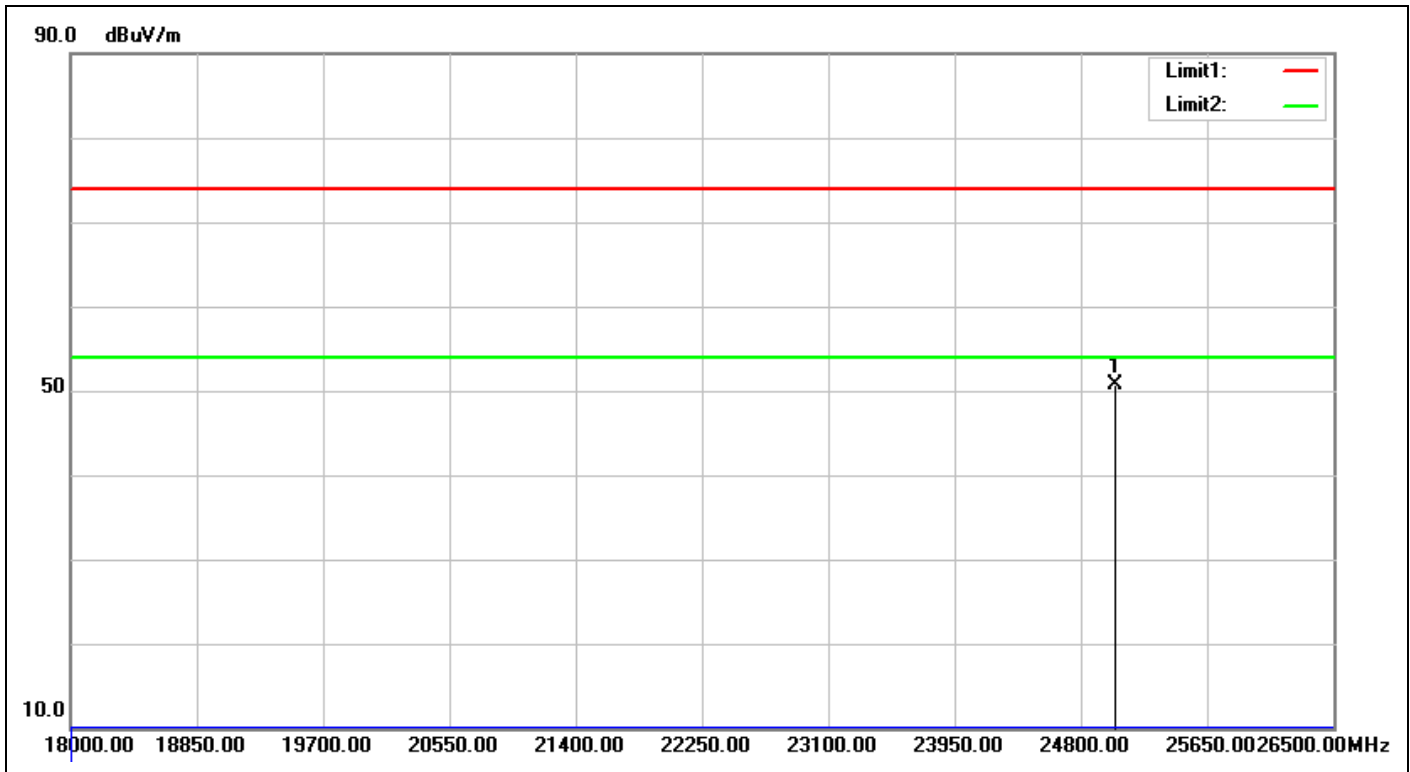
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:33:41</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2402-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 25973.000          | 32.42            | 18.93             | 51.35             | 74.00             | -22.65         | peak |                |                  |        |



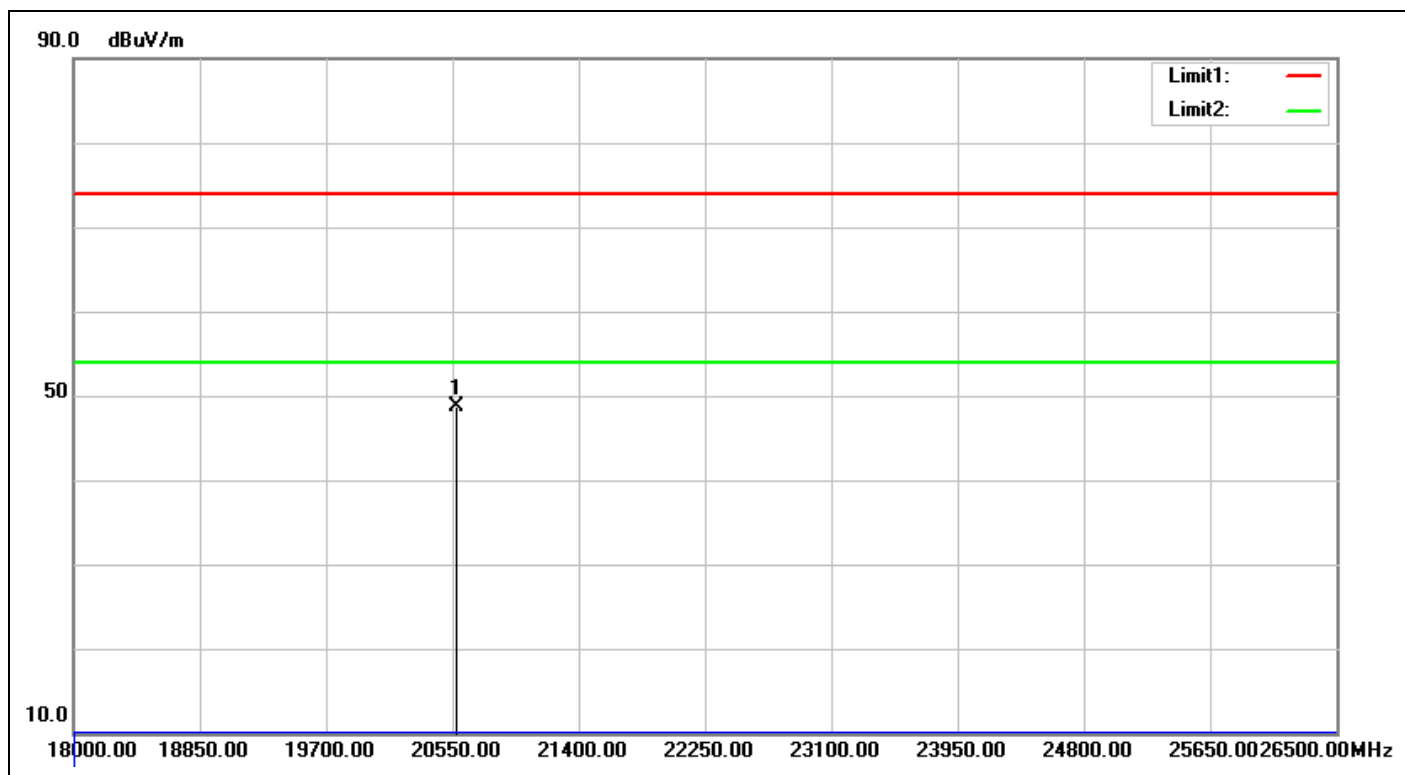
|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:33:56</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 23482.500          | 30.03            | 19.74             | 49.77             | 74.00             | -24.23         | peak |                |                  |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:34:03</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

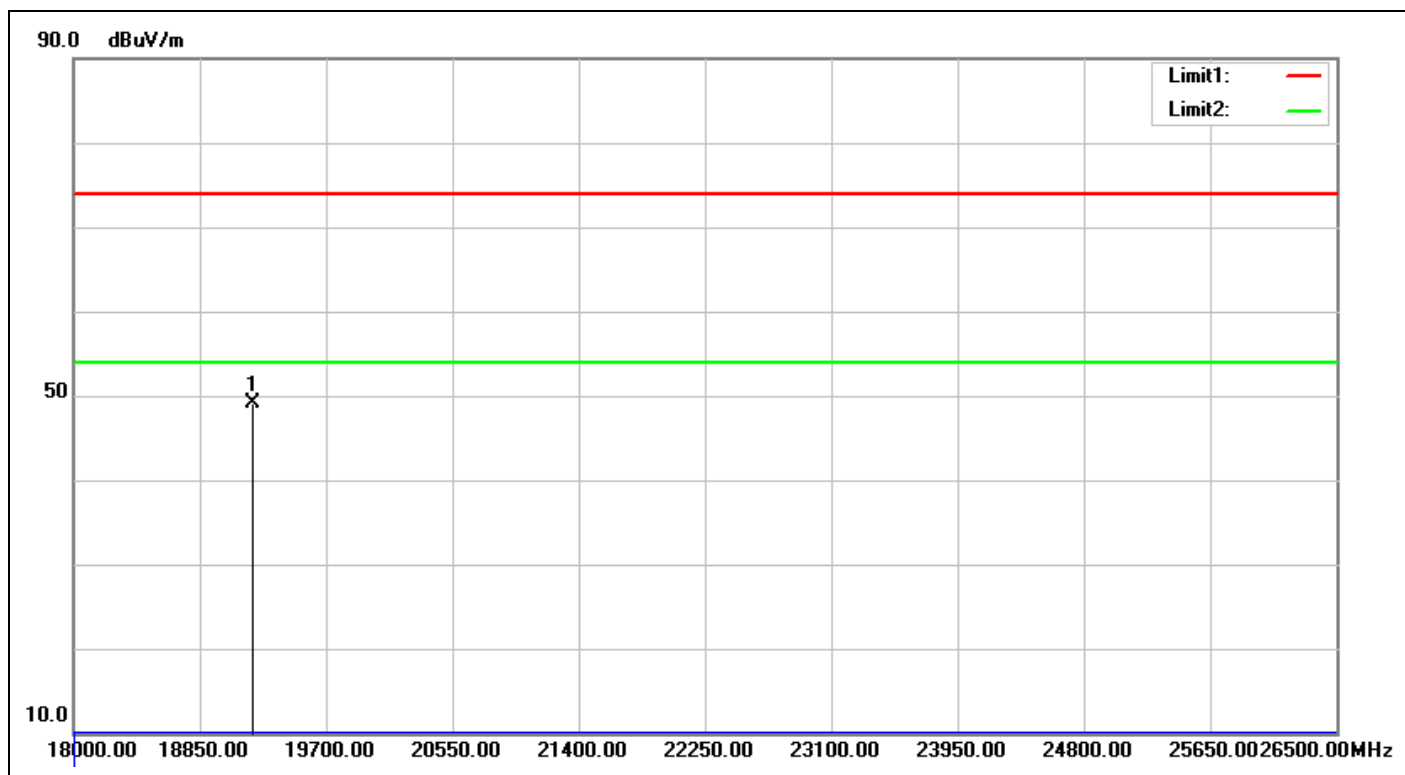
| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 25029.500          | 31.29            | 19.44             | 50.73             | 74.00             | -23.27         | peak |                |                  |        |



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:34:14</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 20575.500          | 29.87            | 18.84             | 48.71             | 74.00             | -25.29         | peak |                |                  |        |





|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>                       | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:34:21</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>3DH5-2480-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 19207.000          | 29.48            | 19.67             | 49.15             | 74.00             | -24.85         | peak |                |                  |        |

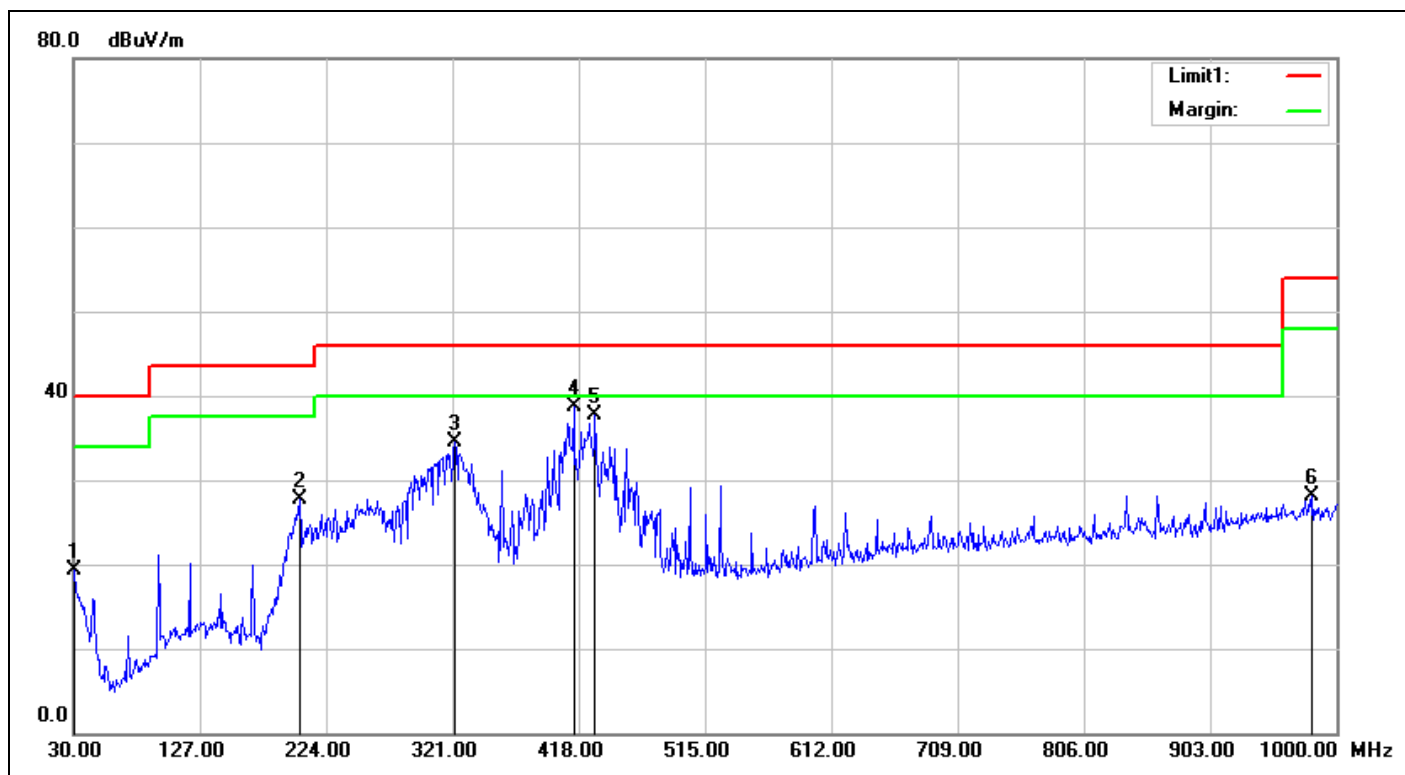
# Spurious Emissions, TX Mode, 30M-1G



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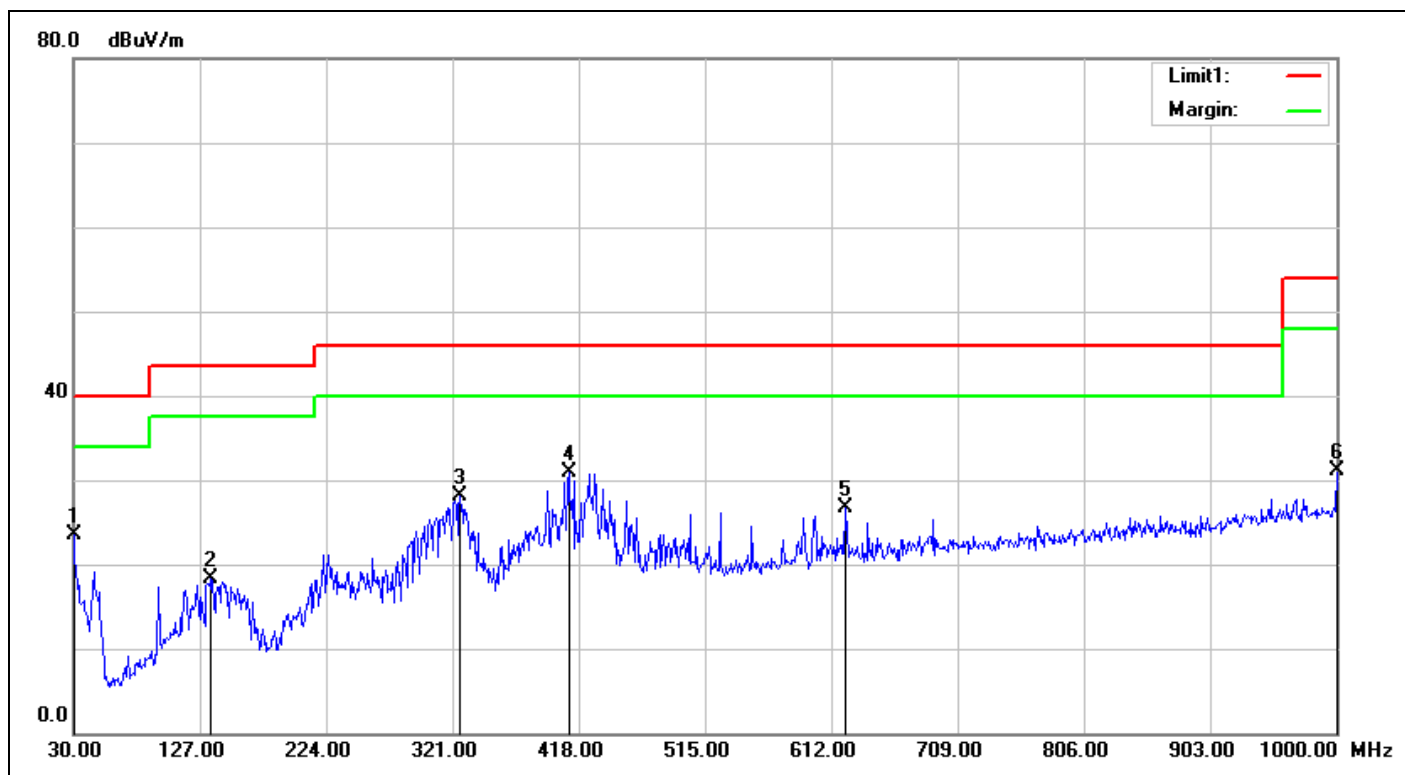


|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Class B 3M Radiation</b>                | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:43:14</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 30.9700         | -6.39         | 25.74          | 19.35          | 40.00          | -20.65      | QP   | 100         | 210           |        |
| 2   | 203.6300        | -14.65        | 42.35          | 27.70          | 43.50          | -15.80      | QP   | 100         | 234           |        |
| 3   | 322.9400        | -9.98         | 44.42          | 34.44          | 46.00          | -11.56      | QP   | 100         | 136           |        |
| 4   | 414.1200        | -8.50         | 47.22          | 38.72          | 46.00          | -7.28       | QP   | 100         | 320           |        |
| 5   | 430.6100        | -8.29         | 46.01          | 37.72          | 46.00          | -8.28       | QP   | 100         | 117           |        |

## Spurious Emissions, TX Mode, 30M-1G

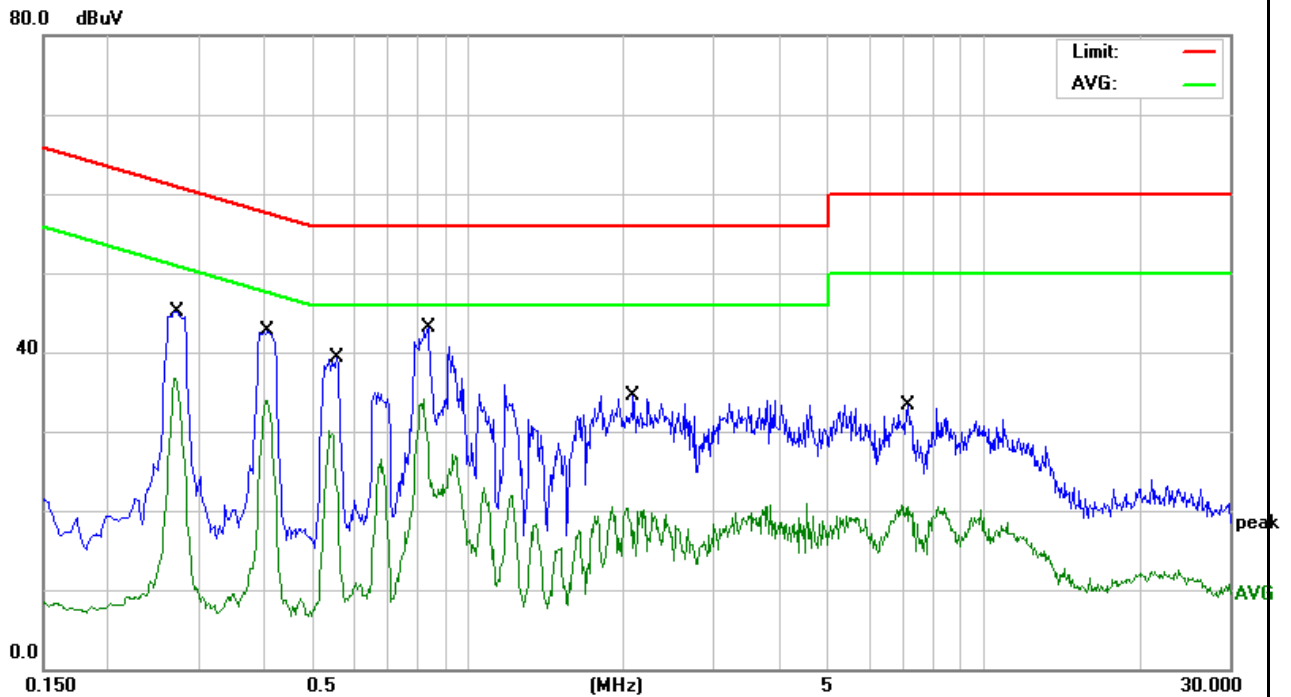
|   |          |       |       |       |       |        |    |     |     |  |
|---|----------|-------|-------|-------|-------|--------|----|-----|-----|--|
| 6 | 981.5700 | -0.18 | 28.19 | 28.01 | 54.00 | -25.99 | QP | 100 | 295 |  |
|---|----------|-------|-------|-------|-------|--------|----|-----|-----|--|



|                       |  |                           |                           |
|-----------------------|--|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114047861-FCC</b>                           | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Class B 3M Radiation</b>                | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                      | <b>Test Time:</b>         | <b>2016/4/19 22:44:18</b> |
| <b>Applicant:</b>     | <b>LONG DAR</b>                                | <b>Test Rating:</b>       | <b>DC 3.7V</b>            |
| <b>Product:</b>       | <b>Bluetooth PCB (Built-in sounds) earmuff</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>22.6(°C)/59%</b>       |
| <b>Model No.:</b>     | <b>EP132</b>                                   | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>1DH5-2441-TX</b>                            |                           |                           |
| <b>Remark:</b>        |  |                           |                           |

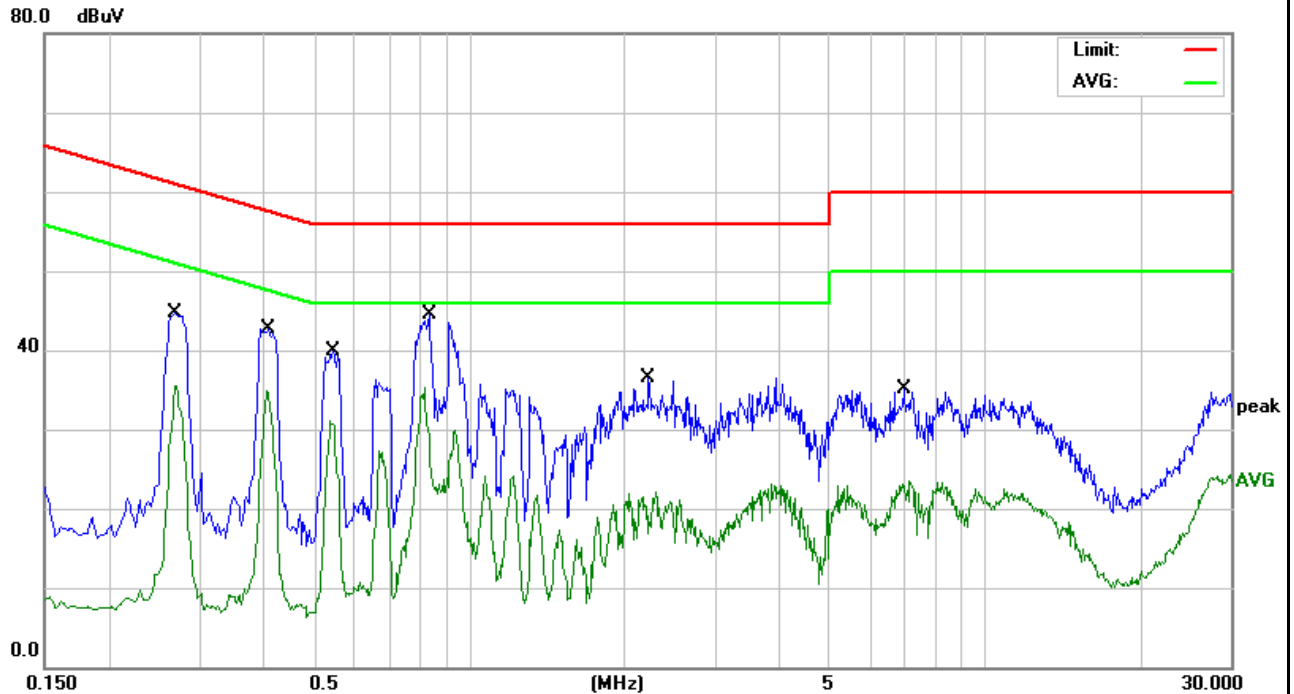
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 30.0000         | -5.85         | 29.39          | 23.54          | 40.00          | -16.46      | QP   | 100         | 320           |        |
| 2   | 135.7300        | -12.69        | 31.01          | 18.32          | 43.50          | -25.18      | QP   | 100         | 290           |        |
| 3   | 326.8200        | -9.89         | 37.91          | 28.02          | 46.00          | -17.98      | QP   | 100         | 210           |        |
| 4   | 410.2400        | -8.56         | 39.43          | 30.87          | 46.00          | -15.13      | QP   | 100         | 179           |        |
| 5   | 622.6700        | -5.72         | 32.34          | 26.62          | 46.00          | -19.38      | QP   | 100         | 213           |        |
| 6   | 1000.0000       | 0.01          | 31.05          | 31.06          | 54.00          | -22.94      | QP   | 100         | 312           |        |

# Mains Spurious Emissions



Service No.: 114047861-FCC Phase: L1  
 Test Standard: FCC Class B Conduction(QP) Test Rating: DC 3.7V  
 Test item: Conducted Emission Temp.(°C)/Hum.(%): 22.6(°C)/59%  
 Applicant: LONG DAR Test Engineer: Kevin Ma  
 Product: Bluetooth PCB (Built-in sounds) earmuff  
 Model No.: EP132  
 Test Mode: 1DH5-2441-TX  
 Remark:

| No. | Frequency (MHz) | Factor ( ) | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|-----|-----------------|------------|----------------|--------------|--------------|-------------|----------|-----|--------|
| 1   | 0.2740          | 9.62       | 33.83          | 43.45        | 60.99        | -17.54      | QP       | P   |        |
| 2   | 0.2740          | 9.62       | 24.75          | 34.37        | 50.99        | -16.62      | AVG      | P   |        |
| 3   | 0.4100          | 9.63       | 31.79          | 41.42        | 57.65        | -16.23      | QP       | P   |        |
| 4   | 0.4100          | 9.63       | 23.35          | 32.98        | 47.65        | -14.67      | AVG      | P   |        |
| 5   | 0.5580          | 9.63       | 25.55          | 35.18        | 56.00        | -20.82      | QP       | P   |        |
| 6   | 0.5580          | 9.63       | 11.77          | 21.40        | 46.00        | -24.60      | AVG      | P   |        |
| 7   | 0.8380          | 9.63       | 30.83          | 40.46        | 56.00        | -15.54      | QP       | P   |        |
| 8   | 0.8380          | 9.63       | 17.95          | 27.58        | 46.00        | -18.42      | AVG      | P   |        |
| 9   | 2.0980          | 9.64       | 21.47          | 31.11        | 56.00        | -24.89      | QP       | P   |        |
| 10  | 2.0980          | 9.64       | 8.07           | 17.71        | 46.00        | -28.29      | AVG      | P   |        |
| 11  | 7.1500          | 9.70       | 16.58          | 26.28        | 60.00        | -33.72      | QP       | P   |        |
| 12  | 7.1500          | 9.70       | 10.01          | 19.71        | 50.00        | -30.29      | AVG      | P   |        |



Service No.: 114047861-FCC Phase: N  
 Test Standard: FCC Class B Conduction(QP) Test Rating: DC 3.7V  
 Test item: Conducted Emission Temp.(°C)/Hum.(%): 22.6(°C)/59%  
 Applicant: LONG DAR Test Rating: DC 3.7V  
 Product: Bluetooth PCB (Built-in sounds) earmuff  
 Model No.: EP132  
 Test Mode: 1DH5-2441-TX

Remark:

| No. | Frequency (MHz) | Factor () | Reading (dBuV) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|-----|-----------------|-----------|----------------|--------------|--------------|-------------|----------|-----|--------|
| 1   | 0.2700          | 9.62      | 33.27          | 42.89        | 61.12        | -18.23      | QP       | P   |        |
| 2   | 0.2700          | 9.62      | 25.16          | 34.78        | 51.12        | -16.34      | AVG      | P   |        |
| 3   | 0.4100          | 9.63      | 31.83          | 41.46        | 57.65        | -16.19      | QP       | P   |        |
| 4   | 0.4100          | 9.63      | 23.51          | 33.14        | 47.65        | -14.51      | AVG      | P   |        |
| 5   | 0.5460          | 9.63      | 27.99          | 37.62        | 56.00        | -18.38      | QP       | P   |        |
| 6   | 0.5460          | 9.63      | 20.41          | 30.04        | 46.00        | -15.96      | AVG      | P   |        |
| 7   | 0.8380          | 9.63      | 32.21          | 41.84        | 56.00        | -14.16      | QP       | P   |        |
| 8   | 0.8380          | 9.63      | 18.91          | 28.54        | 46.00        | -17.46      | AVG      | P   |        |
| 9   | 2.2340          | 9.64      | 22.04          | 31.68        | 56.00        | -24.32      | QP       | P   |        |
| 10  | 2.2340          | 9.64      | 9.06           | 18.70        | 46.00        | -27.30      | AVG      | P   |        |
| 11  | 6.9540          | 9.69      | 18.70          | 28.39        | 60.00        | -31.61      | QP       | P   |        |
| 12  | 6.9540          | 9.69      | 11.60          | 21.29        | 50.00        | -28.71      | AVG      | P   |        |