

# Test Report No.50093086 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 50093086AppendixD)

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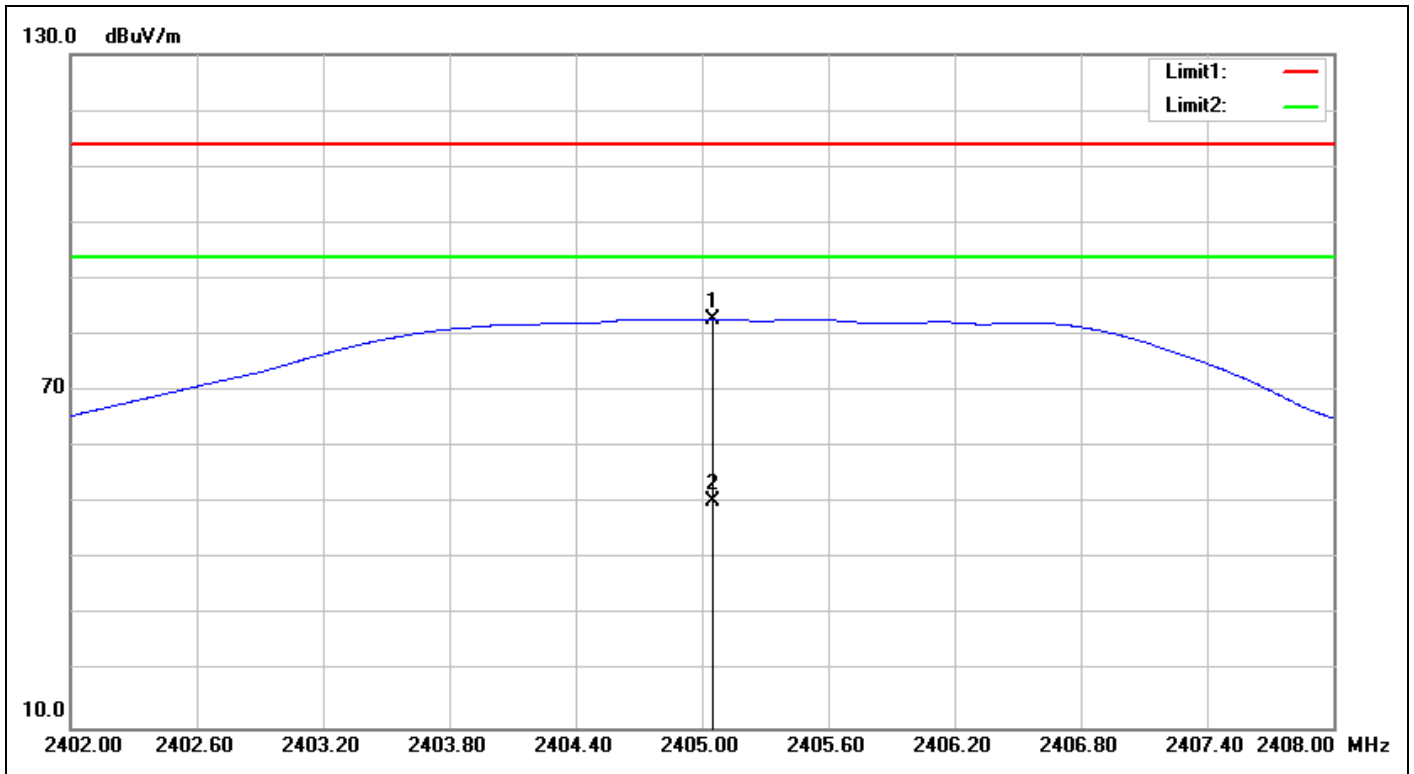
# Radiated Emissions, Fundamental and Band Edges



**TÜV Rheinland Taiwan**

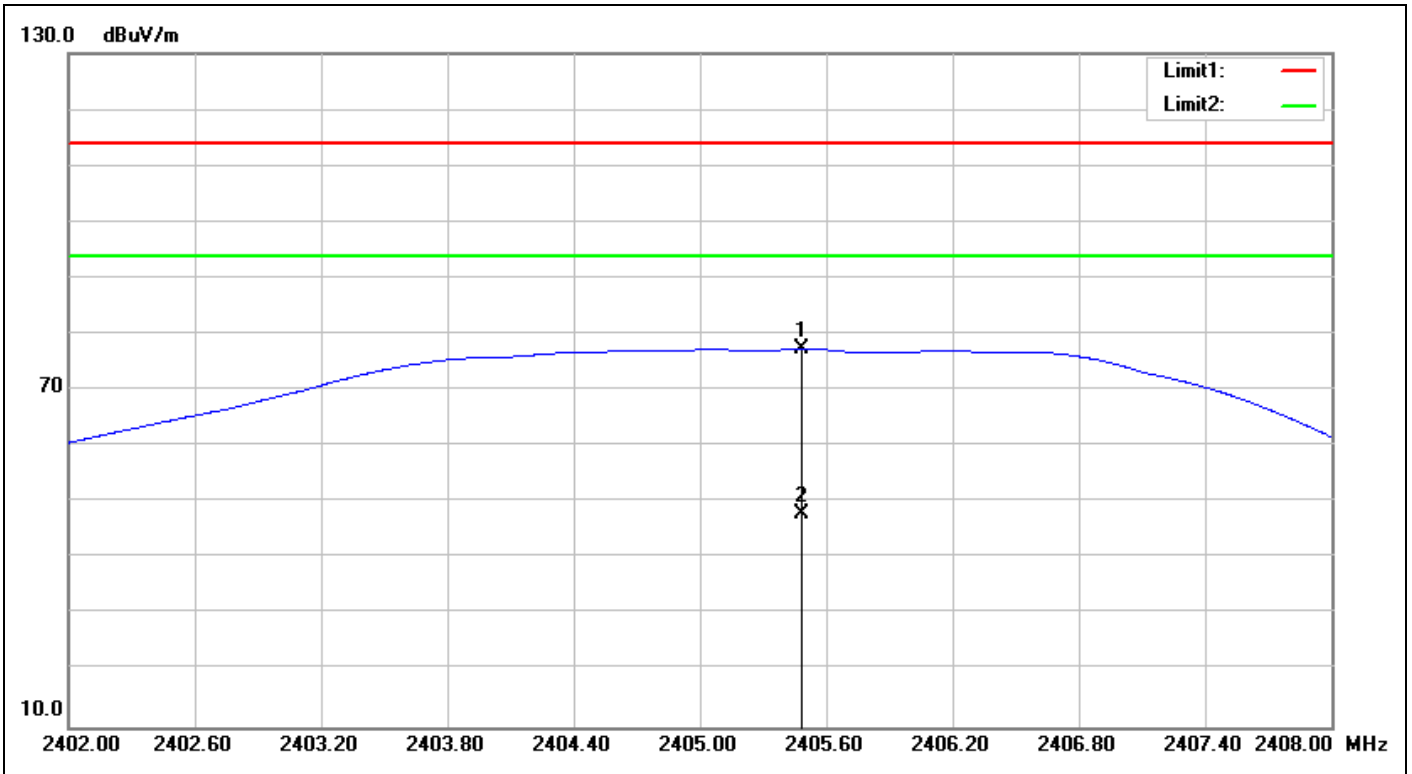
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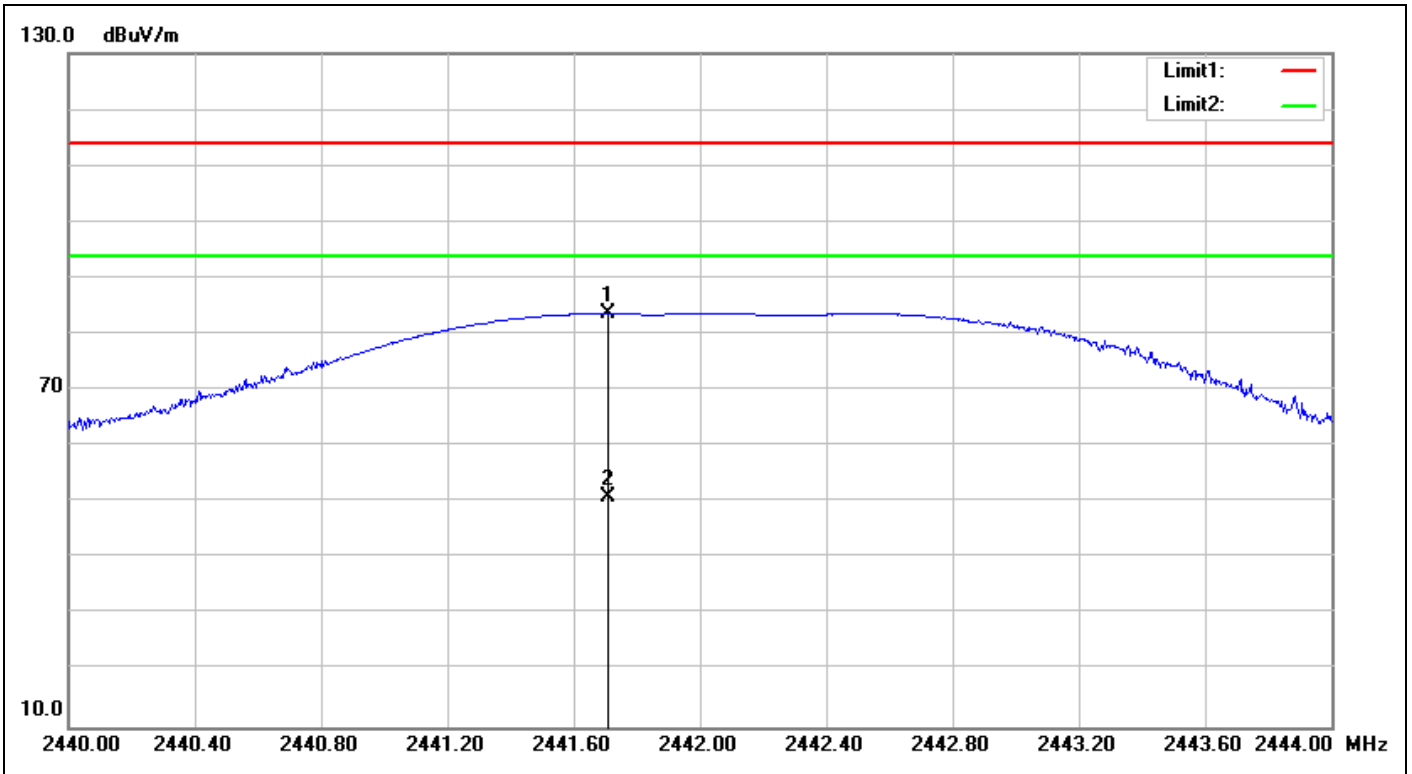
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC 15.249_3m PK</b>                                   | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/14 16:41:54</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>2405</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   | 2405.054        | -5.87         | 88.70          | 82.83          | 114.00         | -31.17      | peak | 100         | 239         |        |
| 2   | 2405.054        | -5.87         | 56.09          | 50.22          | 94.00          | -43.78      | AVG  | 100         | 239         |        |



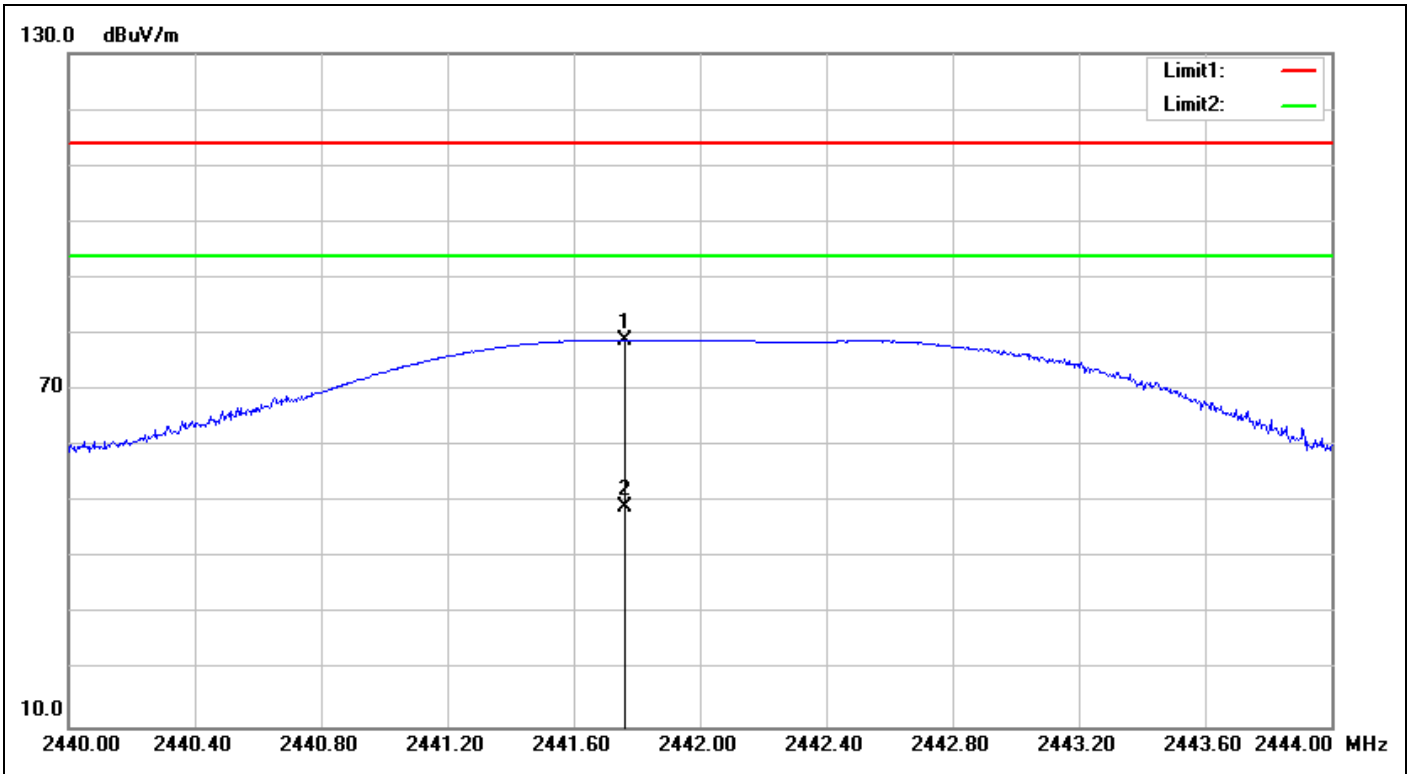
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC 15.249_3m PK</b>                                   | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/14 16:42:57</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>2405</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   | 2405.486        | -5.87         | 83.22          | 77.35          | 114.00         | -36.65      | peak | 100         | 315         |        |
| 2   | 2405.486        | -5.87         | 53.87          | 48.00          | 94.00          | -46.00      | AVG  | 100         | 315         |        |



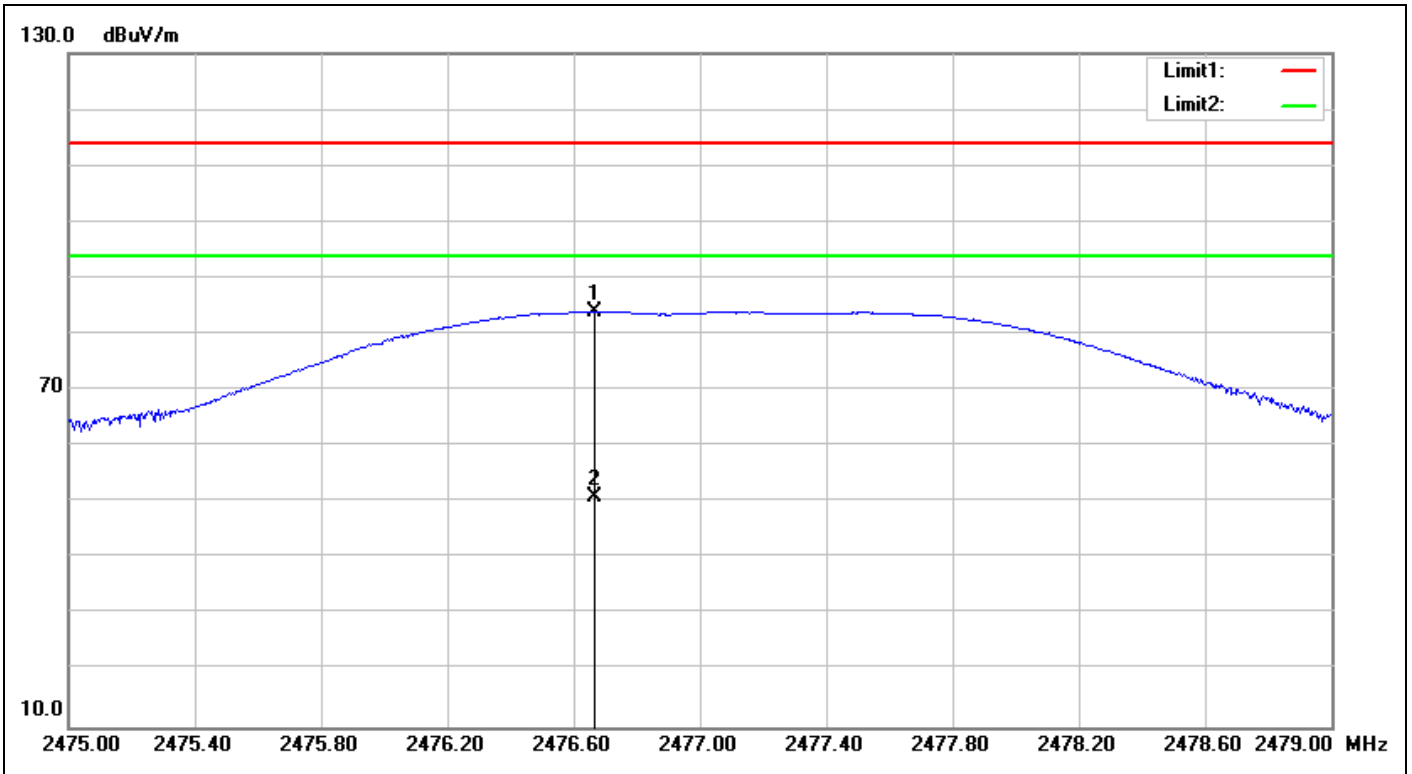
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC 15.249_3m PK</b>                                   | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/14 16:50:37</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>2442</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   | 2441.708        | -5.85         | 89.53          | 83.68          | 114.00         | -30.32      | peak | 100         | 243         |        |
| 2   | 2441.708        | -5.85         | 56.79          | 50.94          | 94.00          | -43.06      | AVG  | 100         | 243         |        |



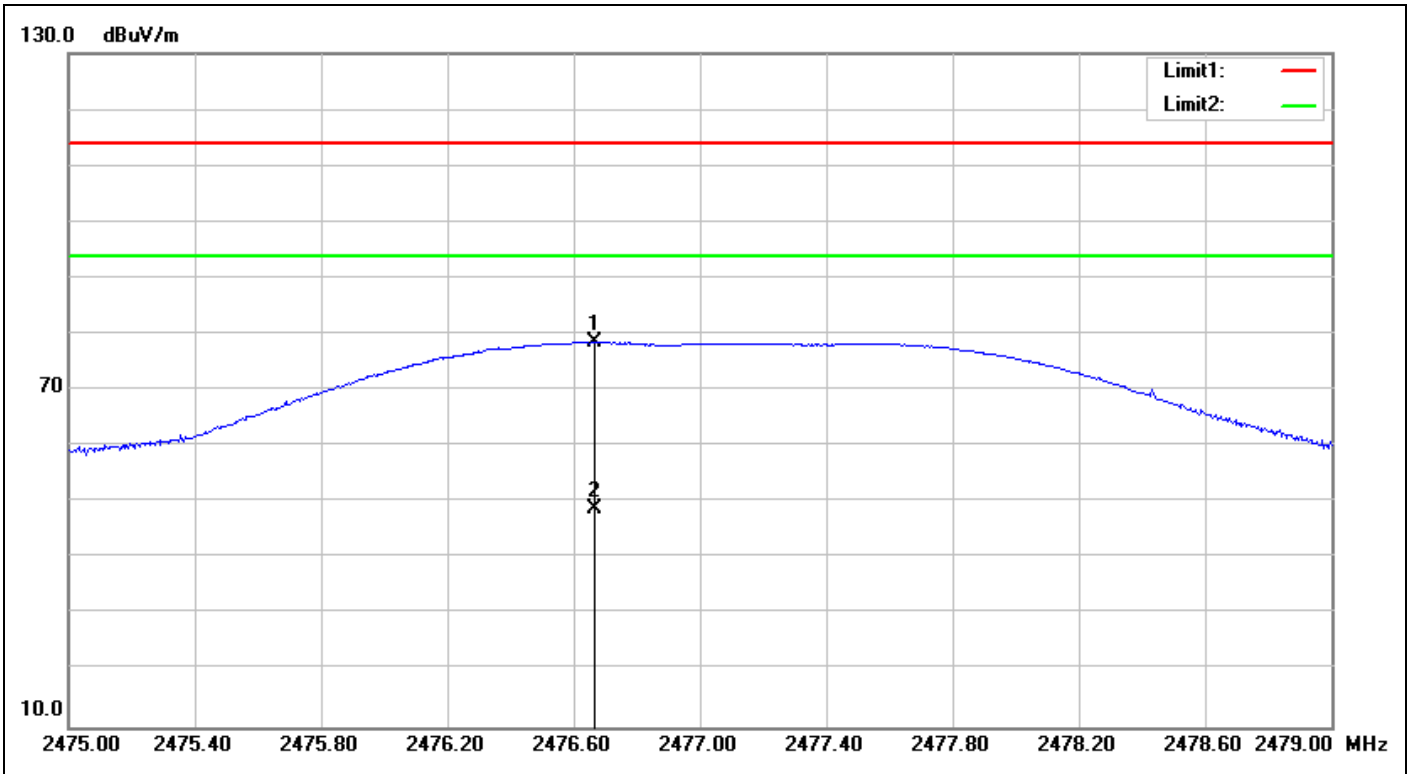
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC 15.249_3m PK</b>                                   | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/14 16:51:39</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>2442</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   | 2441.760        | -5.85         | 84.85          | 79.00          | 114.00         | -35.00      | peak | 100         | 170         |        |
| 2   | 2441.760        | -5.85         | 55.03          | 49.18          | 94.00          | -44.82      | AVG  | 100         | 170         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC 15.249_3m PK</b>                                   | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/14 16:56:22</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>2477</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   | 2476.668        | -5.83         | 89.88          | 84.05          | 114.00         | -29.95      | peak | 100         | 243         |        |
| 2   | 2476.668        | -5.83         | 56.79          | 50.96          | 94.00          | -43.04      | AVG  | 100         | 243         |        |

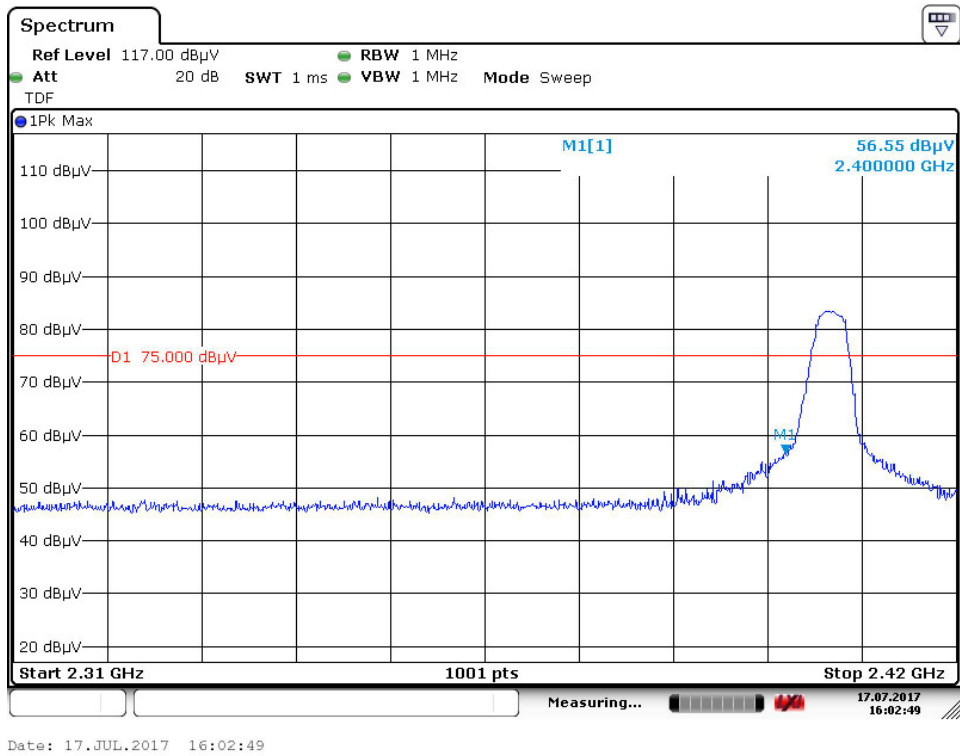
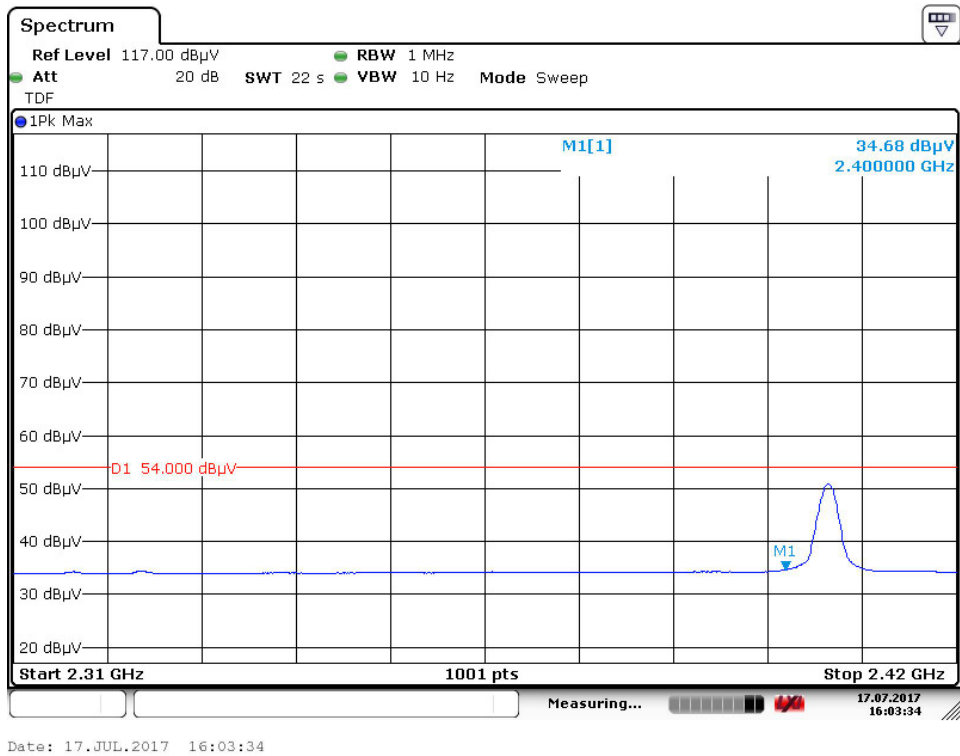


|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC 15.249_3m PK</b>                                   | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/14 16:57:25</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>2477</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   | 2476.664        | -5.83         | 84.38          | 78.55          | 114.00         | -35.45      | peak | 100         | 173         |        |
| 2   | 2476.664        | -5.83         | 54.74          | 48.91          | 94.00          | -45.09      | AVG  | 100         | 173         |        |

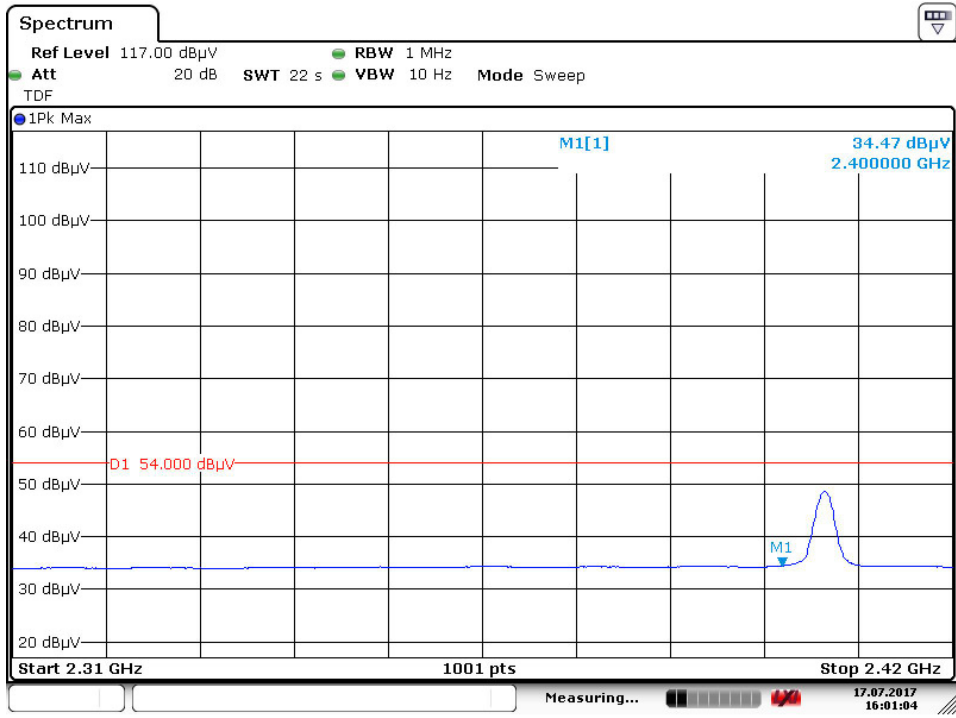
# Radiated Bandedge

## Low Channel (Hor)

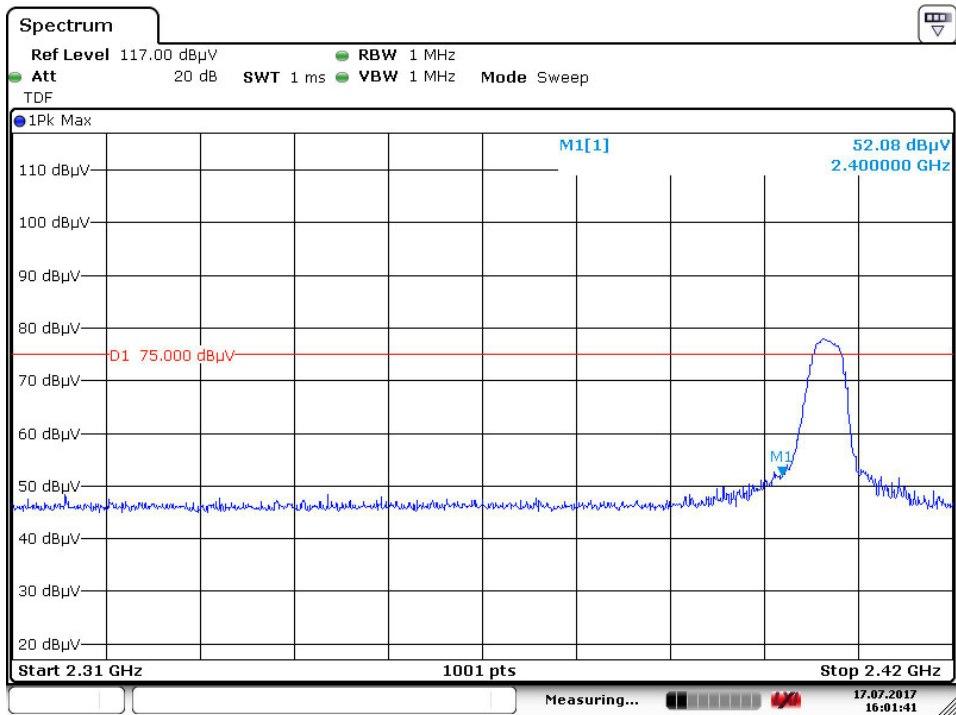




# Low Channel (Ver)



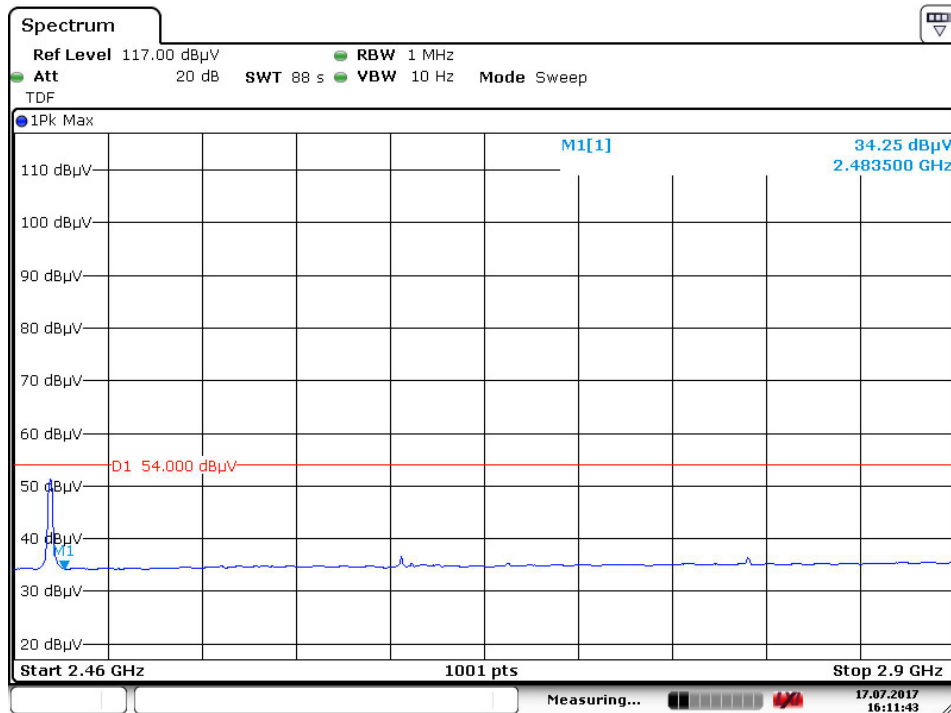
Date: 17.JUL.2017 16:01:03



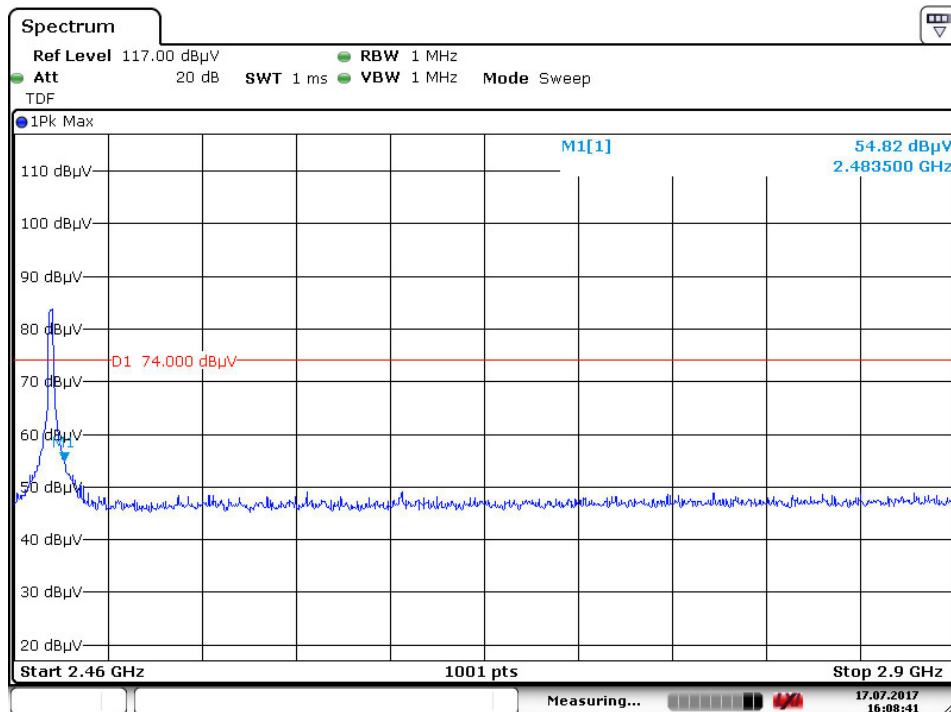
Date: 17.JUL.2017 16:01:40

# Radiated Bandedge

## High Channel (Hor)

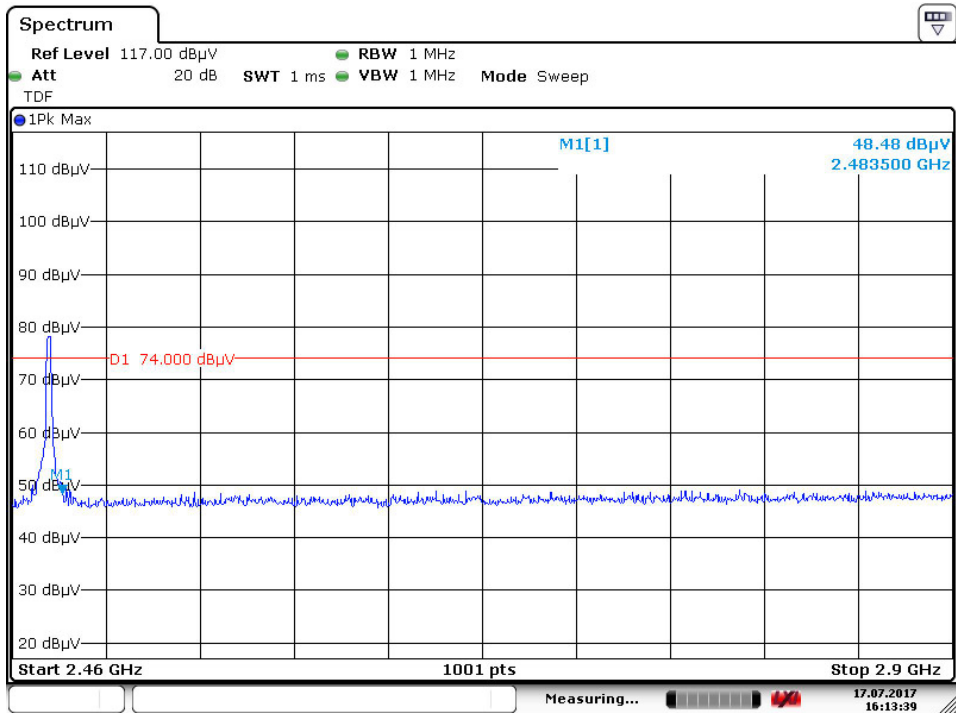
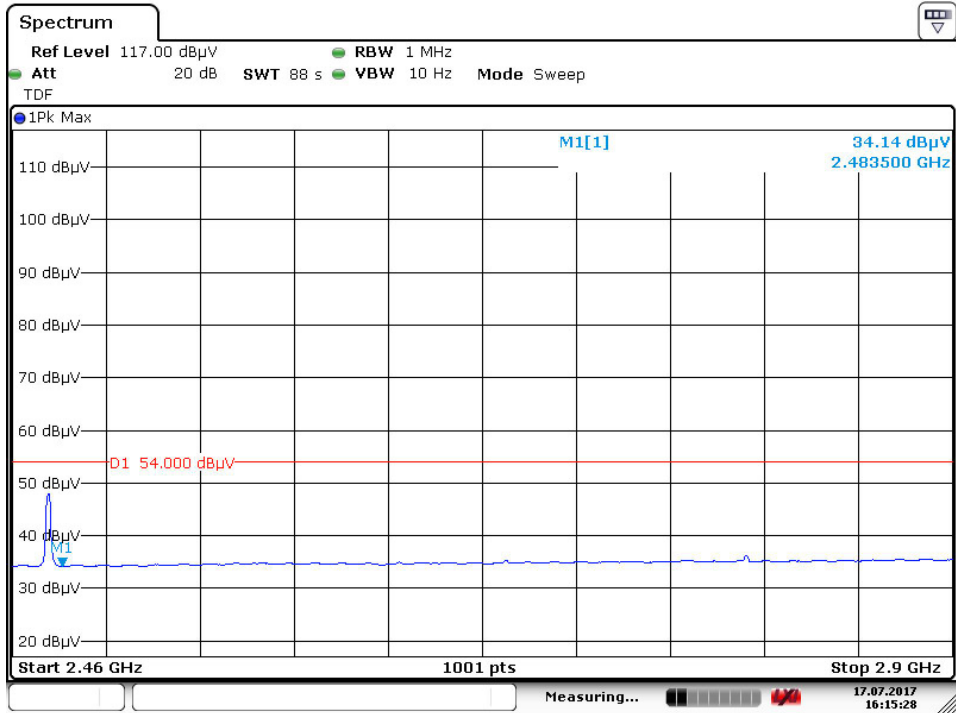


Date: 17.JUL.2017 16:11:42



Date: 17.JUL.2017 16:08:41

# High Channel (Ver)



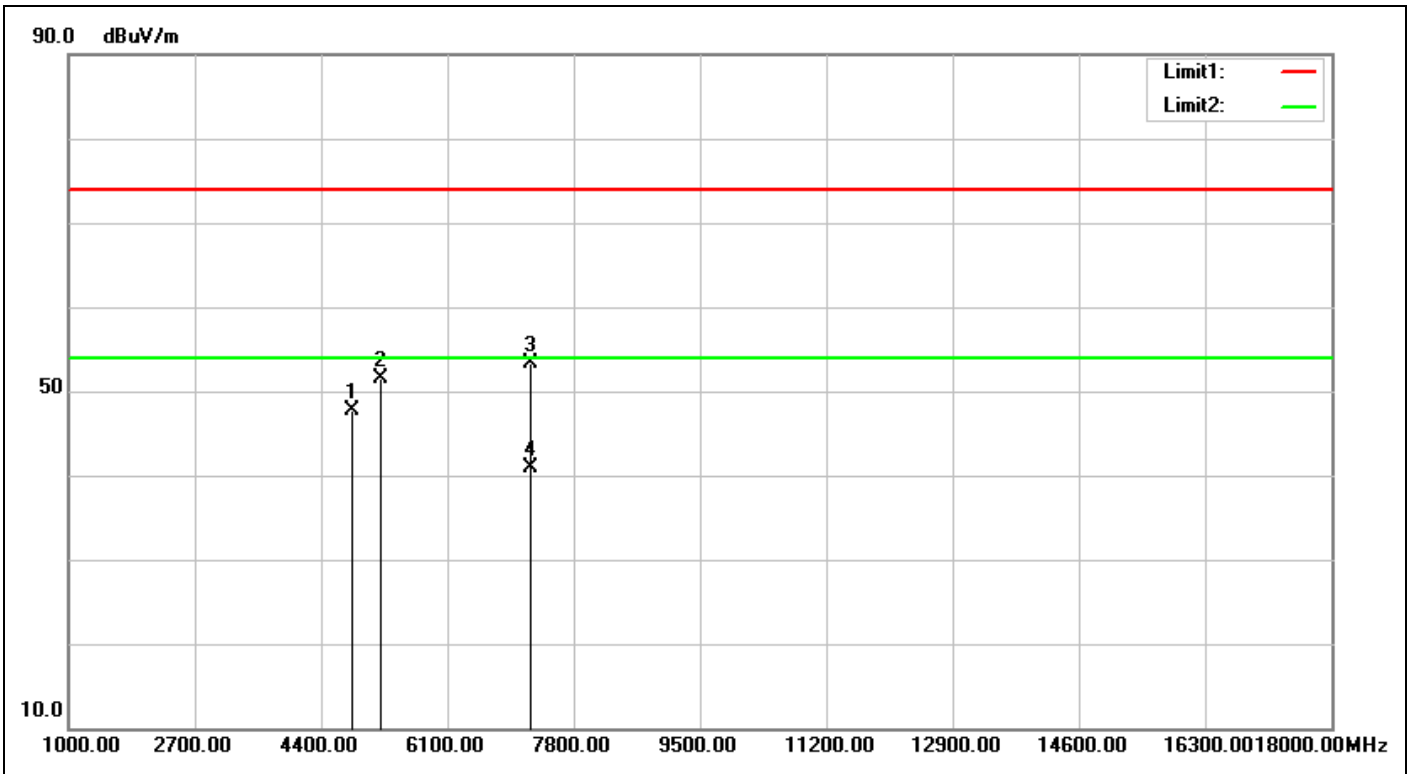
# Spurious Emissions, TX Mode, 1-18G



**TÜV Rheinland Taiwan**

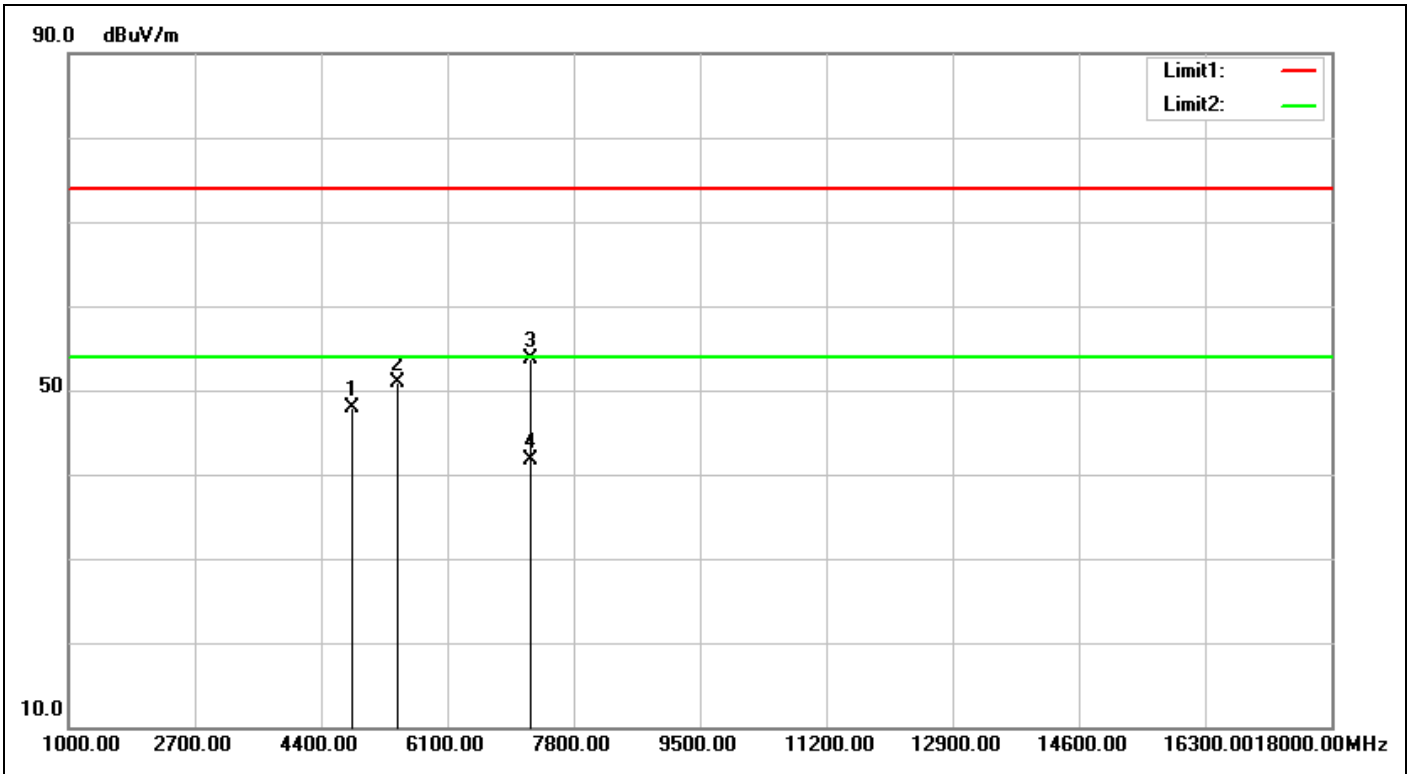
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



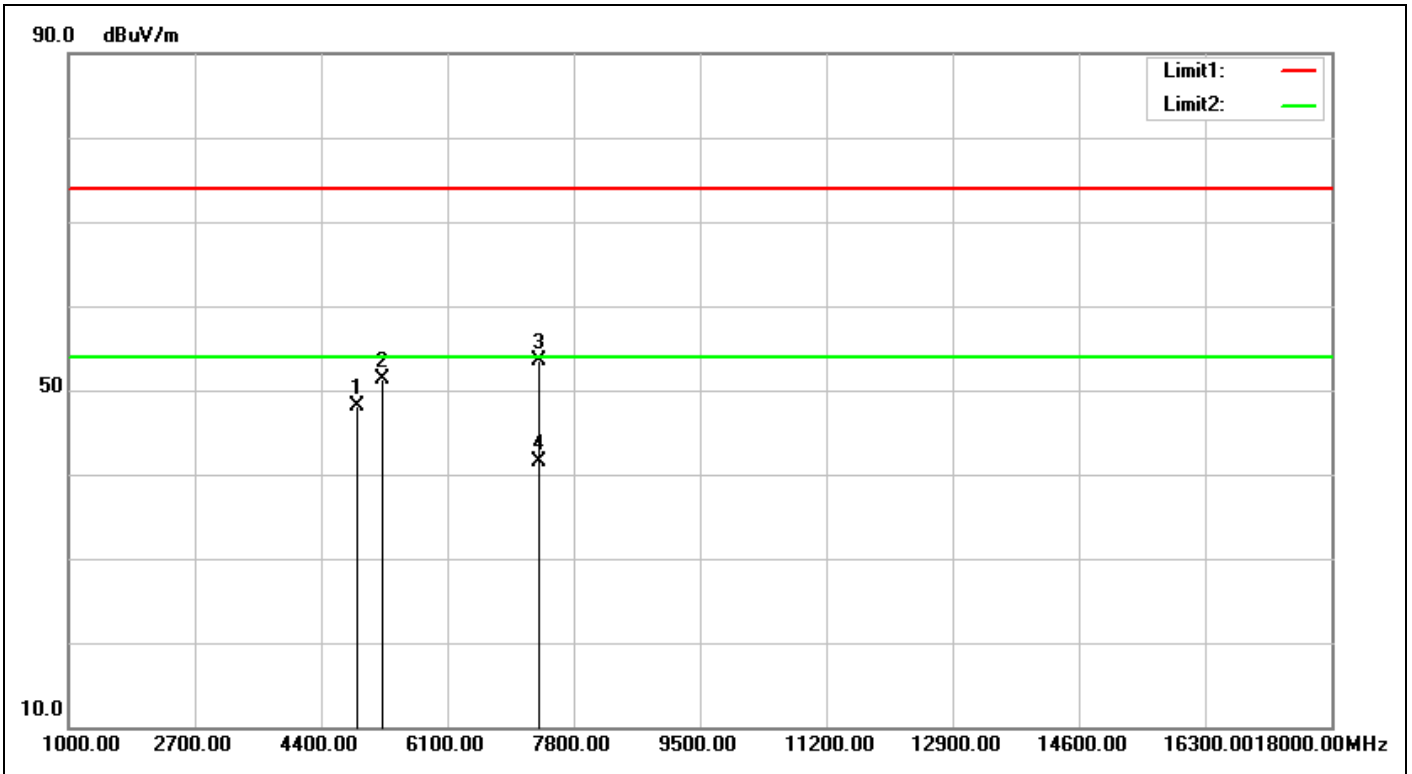
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/14 17:10:37</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2405</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   | 4810.000        | 0.45          | 47.17          | 47.62          | 74.00          | -26.38      | peak | 100         | 360         |        |
| 2   | 5199.000        | 2.02          | 49.57          | 51.59          | 74.00          | -22.41      | peak | 100         | 0           |        |
| 3   | 7215.000        | 9.14          | 44.26          | 53.40          | 74.00          | -20.60      | peak | 100         | 0           |        |
| 4   | 7222.000        | 9.17          | 31.71          | 40.88          | 54.00          | -13.12      | AVG  | 100         | 0           |        |



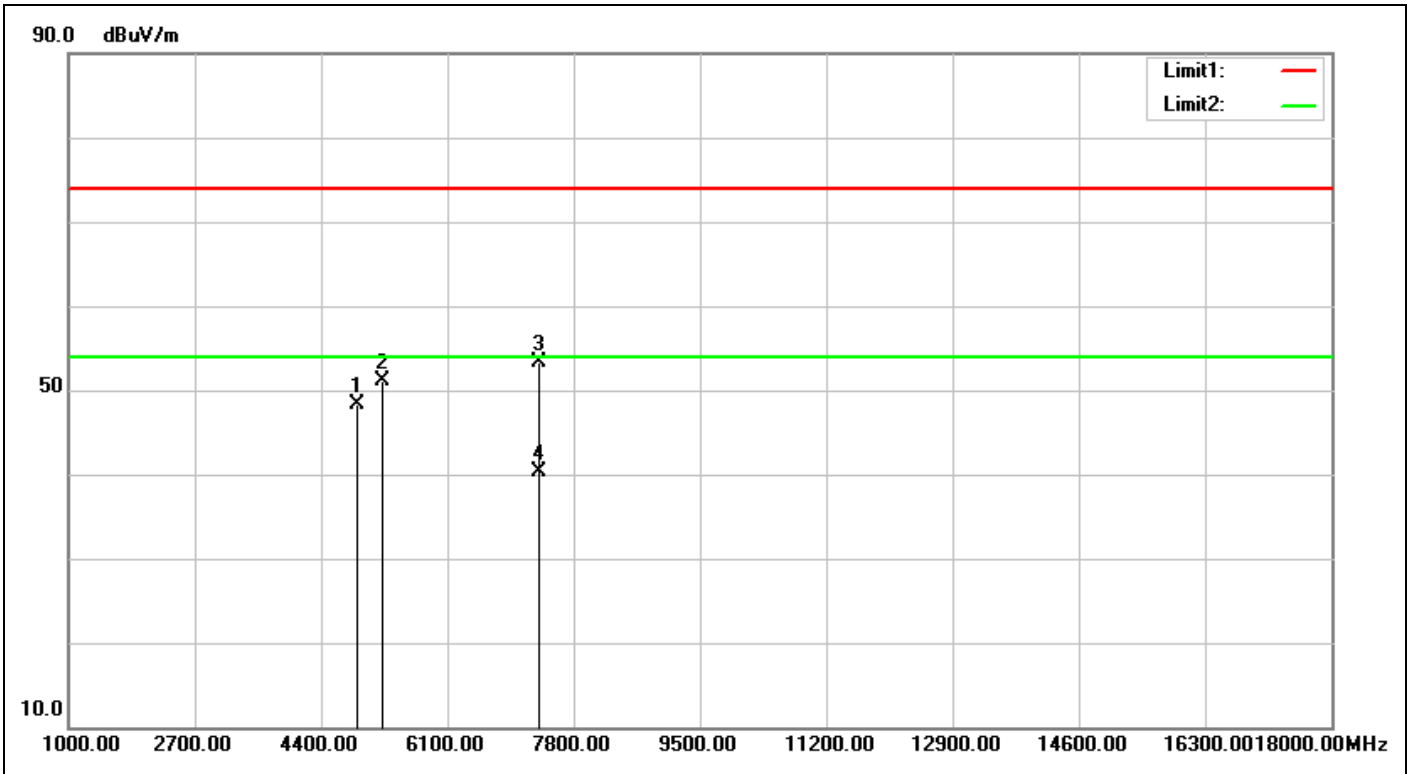
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/14 17:11:40</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2405</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   | 4810.000        | 0.45          | 47.47          | 47.92          | 74.00          | -26.08      | peak | 100         | 0           |        |
| 2   | 5420.000        | 3.11          | 47.77          | 50.88          | 74.00          | -23.12      | peak | 100         | 58          |        |
| 3   | 7215.000        | 9.14          | 44.57          | 53.71          | 74.00          | -20.29      | peak | 100         | 99          |        |
| 4   | 7222.000        | 9.17          | 32.53          | 41.70          | 54.00          | -12.30      | AVG  | 100         | 99          |        |



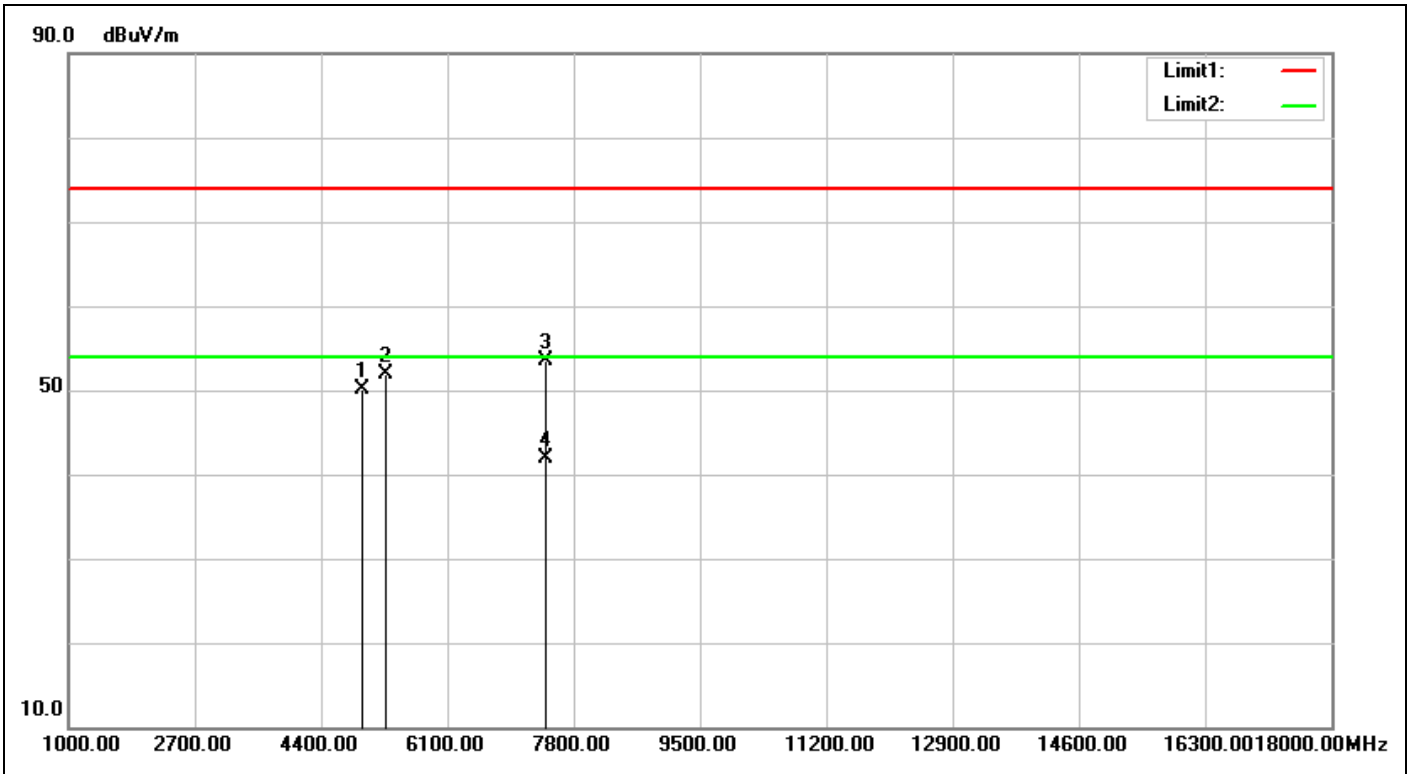
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/14 17:14:52</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2442</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   | 4884.000        | 0.68          | 47.49          | 48.17          | 74.00          | -25.83      | peak | 100         | 28          |        |
| 2   | 5216.000        | 2.11          | 49.28          | 51.39          | 74.00          | -22.61      | peak | 100         | 336         |        |
| 3   | 7326.000        | 9.45          | 44.04          | 53.49          | 74.00          | -20.51      | peak | 100         | 175         |        |
| 4   | 7326.000        | 9.45          | 32.06          | 41.51          | 54.00          | -12.49      | AVG  | 100         | 175         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/14 17:15:55</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2442</b>  |                           |                           |
| <b>Remark:</b>        |   |                           |                           |

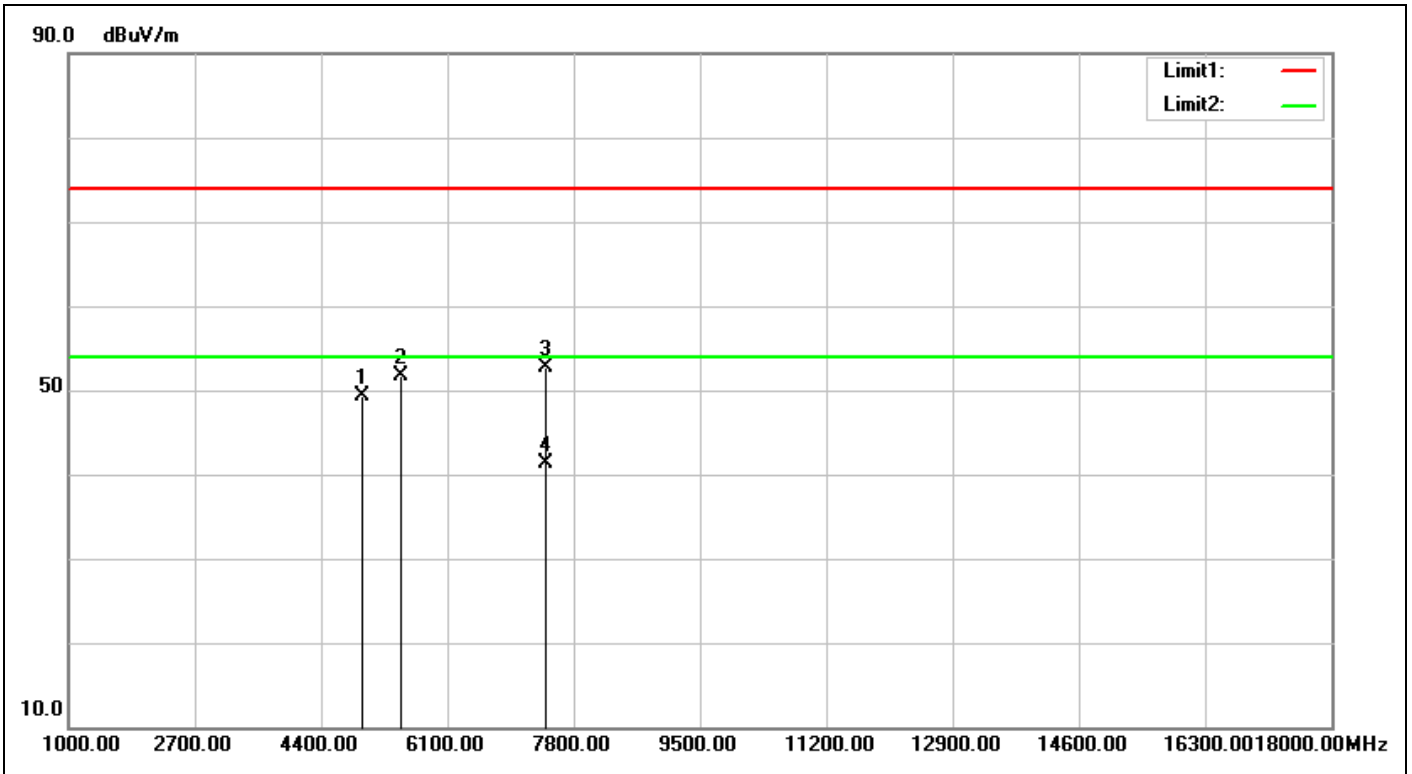
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1   | 4884.000        | 0.68          | 47.54          | 48.22          | 74.00          | -25.78      | peak | 100         | 0           |        |
| 2   | 5216.000        | 2.11          | 48.98          | 51.09          | 74.00          | -22.91      | peak | 100         | 116         |        |
| 3   | 7326.000        | 9.45          | 43.85          | 53.30          | 74.00          | -20.70      | peak | 100         | 324         |        |
| 4   | 7326.000        | 9.45          | 30.76          | 40.21          | 54.00          | -13.79      | AVG  | 100         | 324         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/14 17:03:43</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2477</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   | 4954.000        | 0.90          | 49.26          | 50.16          | 74.00          | -23.84      | peak | 100         | 0           |        |
| 2   | 5267.000        | 2.35          | 49.59          | 51.94          | 74.00          | -22.06      | peak | 100         | 249         |        |
| 3   | 7431.000        | 9.76          | 43.65          | 53.41          | 74.00          | -20.59      | peak | 100         | 0           |        |
| 4   | 7431.000        | 9.76          | 32.07          | 41.83          | 54.00          | -12.17      | AVG  | 100         | 0           |        |





|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/14 17:04:46</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2477</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   | 4954.000        | 0.90          | 48.49          | 49.39          | 74.00          | -24.61      | peak | 100         | 340         |        |
| 2   | 5471.000        | 3.37          | 48.30          | 51.67          | 74.00          | -22.33      | peak | 100         | 16          |        |
| 3   | 7431.000        | 9.76          | 42.92          | 52.68          | 74.00          | -21.32      | peak | 100         | 0           |        |
| 4   | 7431.000        | 9.76          | 31.64          | 41.40          | 54.00          | -12.60      | AVG  | 100         | 0           |        |

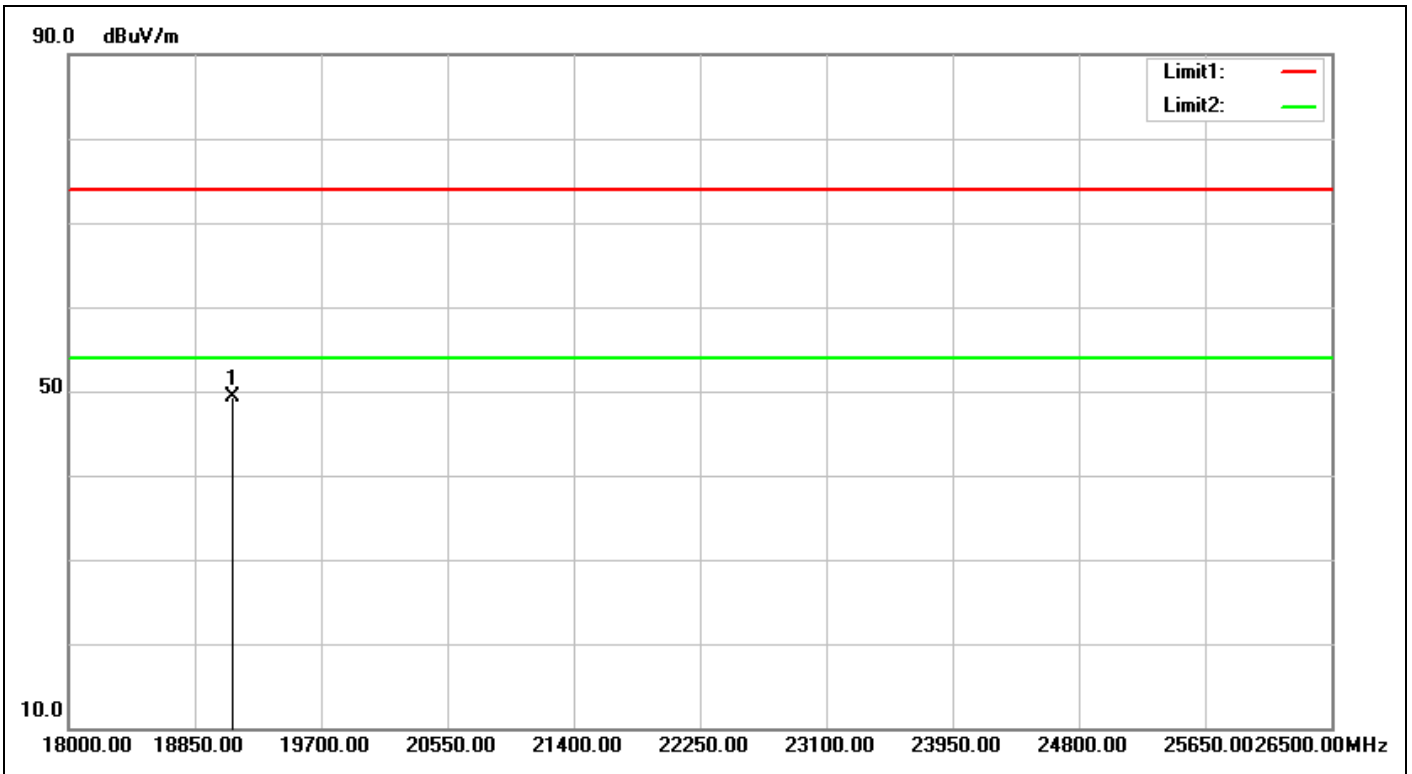
# Spurious Emissions, TX Mode, 18-26G



**TÜV Rheinland Taiwan**

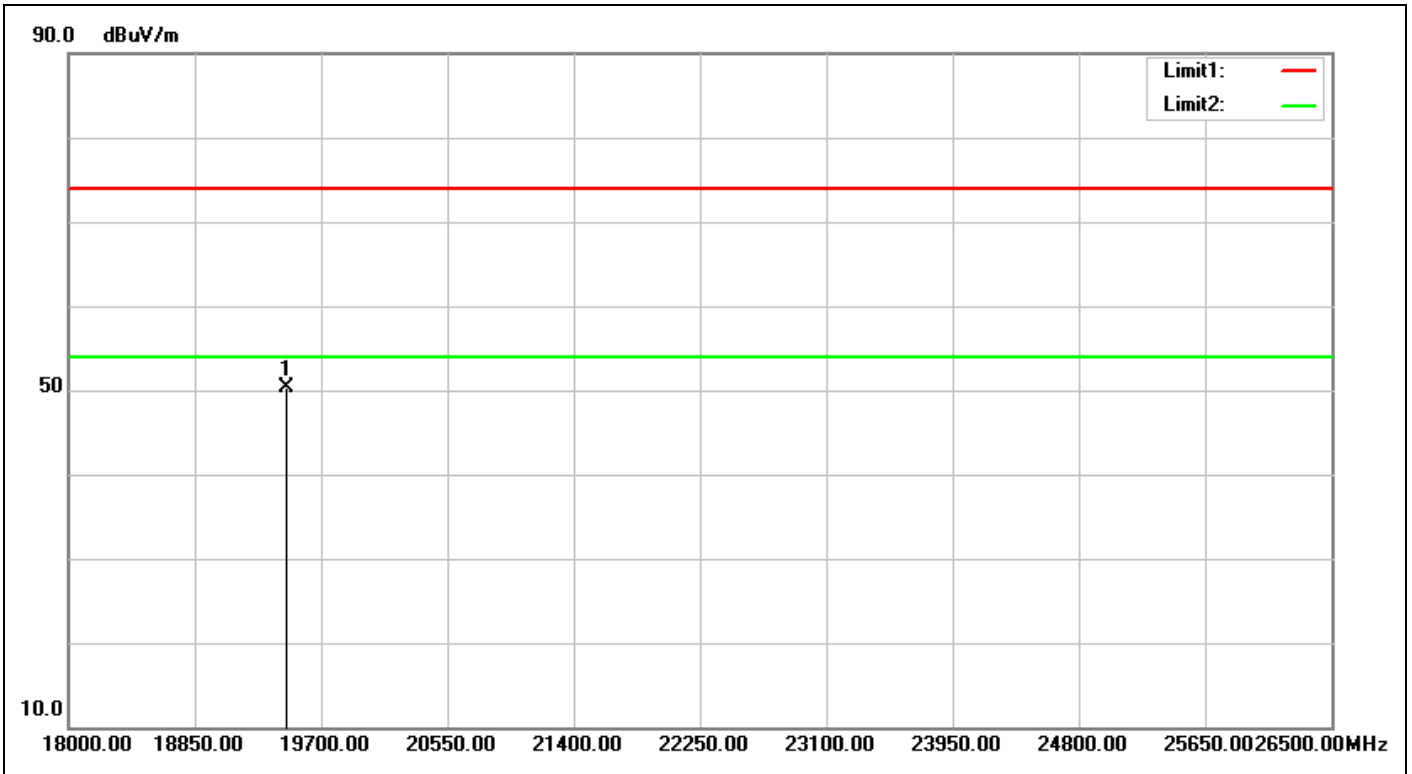
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



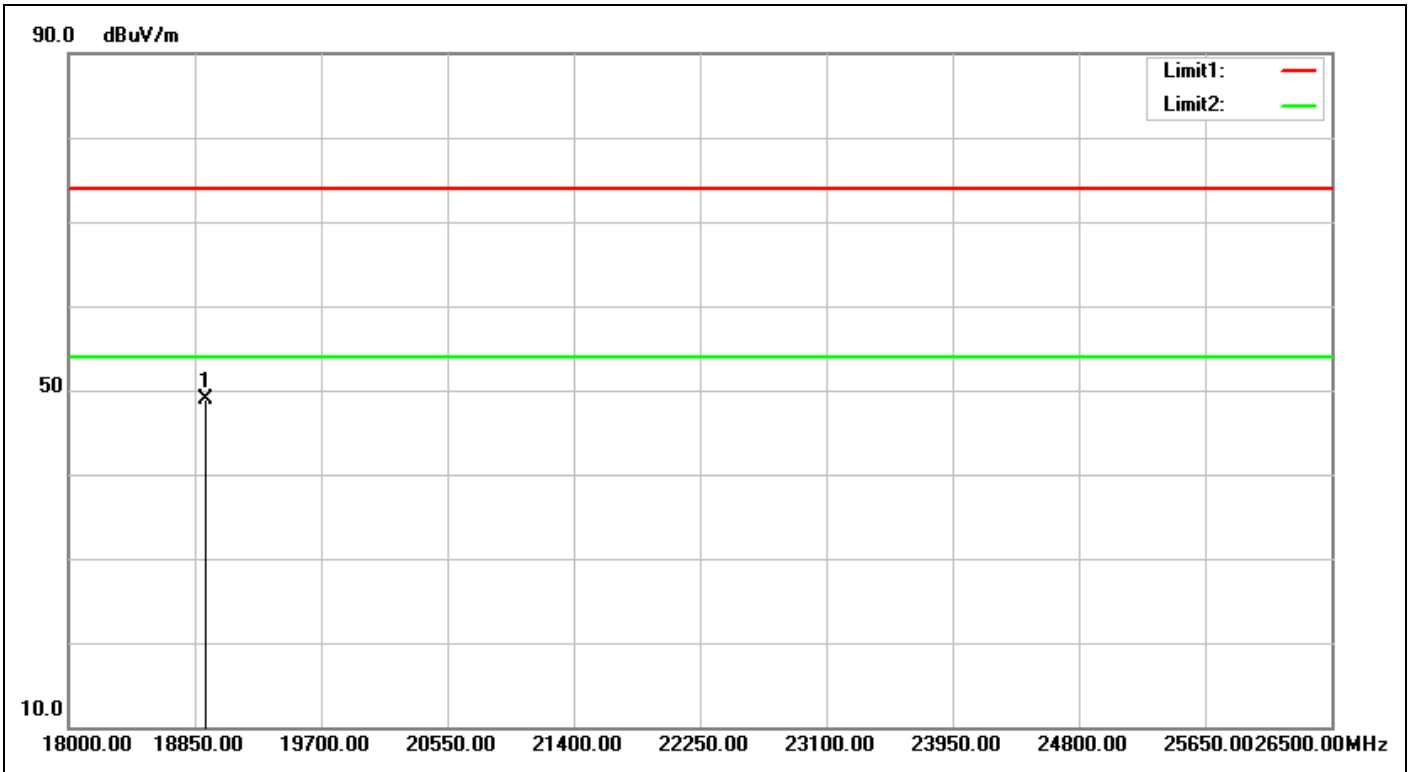
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/17 16:31:02</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2405</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   | 19105.000       | 29.46         | 19.92          | 49.38          | 74.00          | -24.62      | peak | 100         | 327         |        |



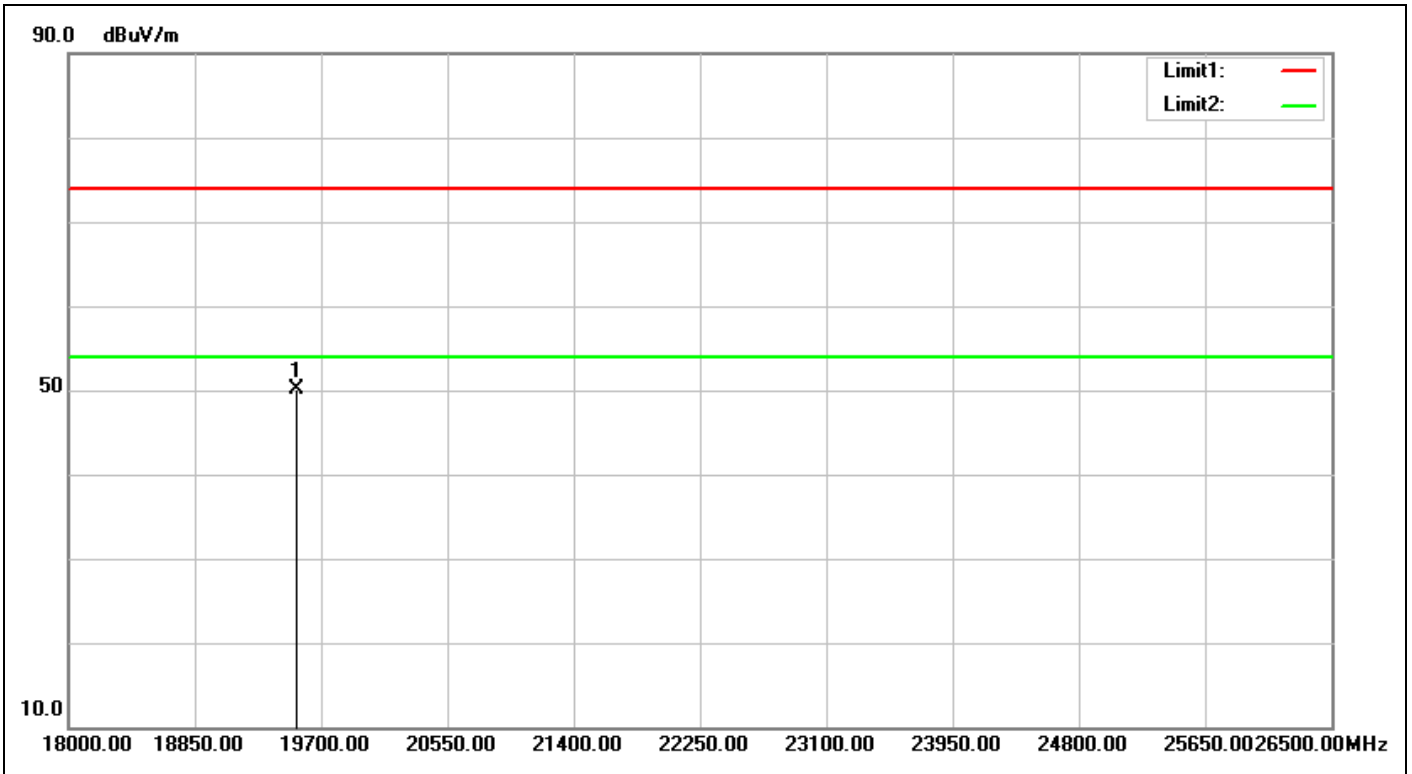
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/17 16:32:05</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2405</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   | 19462.000       | 30.13         | 20.25          | 50.38          | 74.00          | -23.62      | peak | 100         | 252         |        |



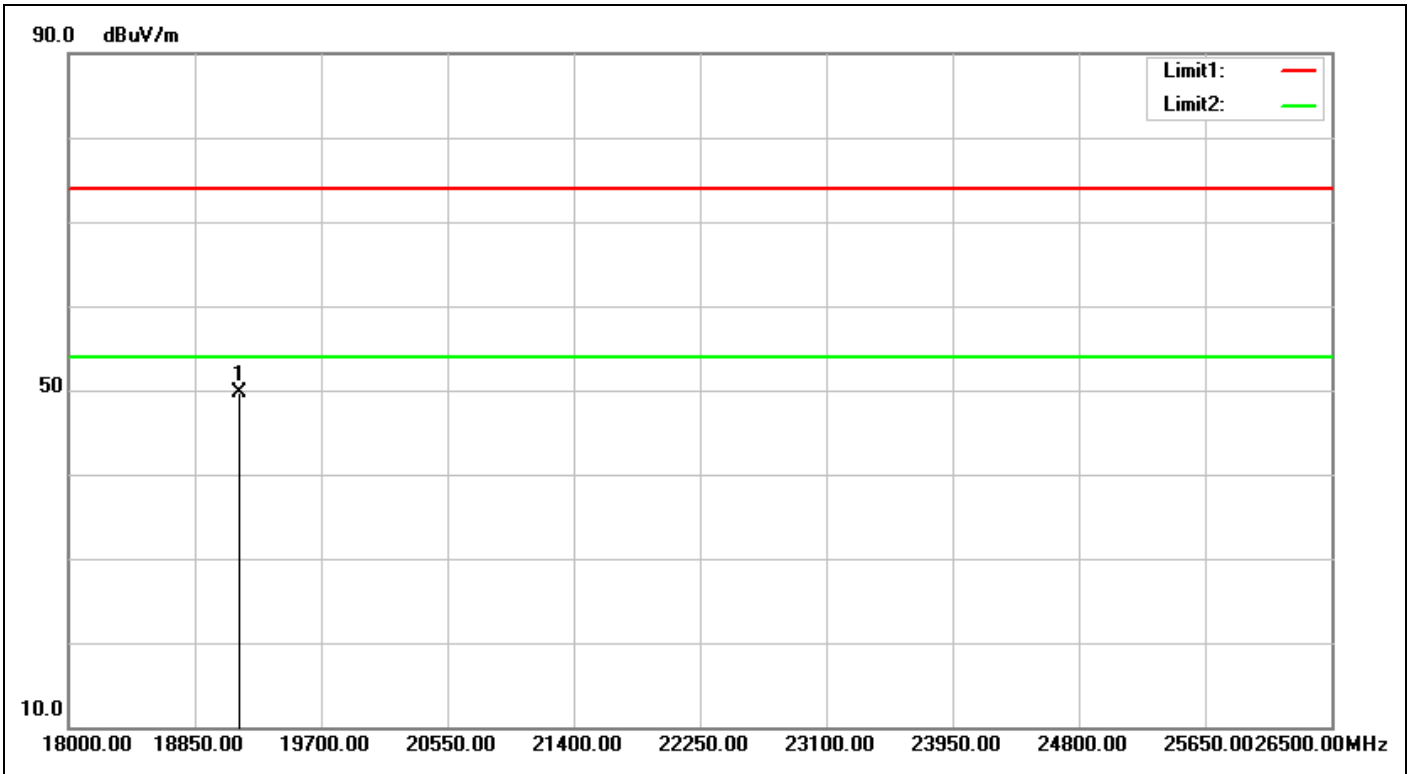
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/17 16:33:37</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2442</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   | 18926.500       | 29.14         | 19.78          | 48.92          | 74.00          | -25.08      | peak | 100         | 155         |        |



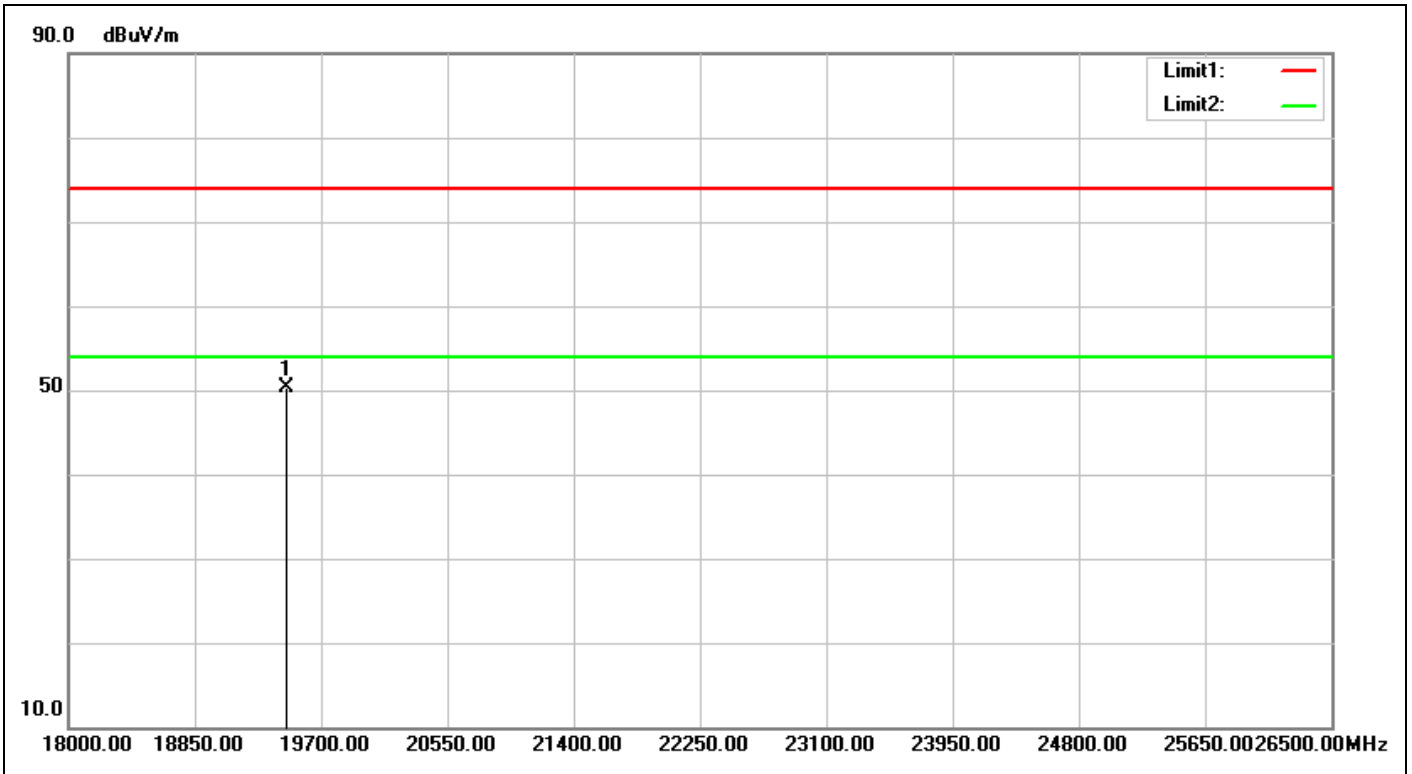
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <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>2017/7/17 16:34:40</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2442</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   | 19538.500       | 30.25         | 19.93          | 50.18          | 74.00          | -23.82      | peak | 100         | 172         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/17 16:36:06</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2477</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   | 19147.500       | 29.54         | 20.26          | 49.80          | 74.00          | -24.20      | peak | 100         | 338         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/17 16:37:09</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2477</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   | 19462.000       | 30.13         | 20.11          | 50.24          | 74.00          | -23.76      | peak | 100         | 249         |        |

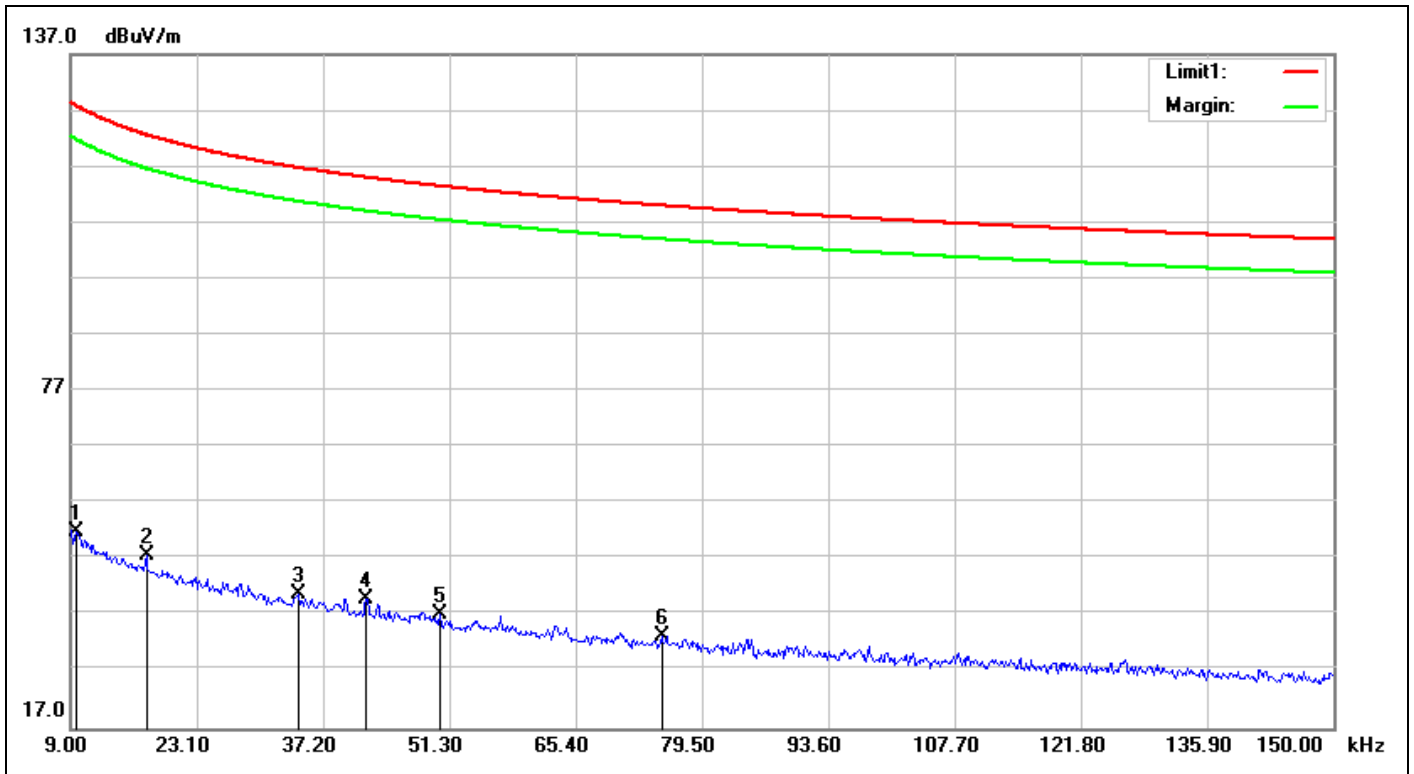
# Spurious Emissions, TX Mode, 9K-1G



**TÜV Rheinland Taiwan**

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

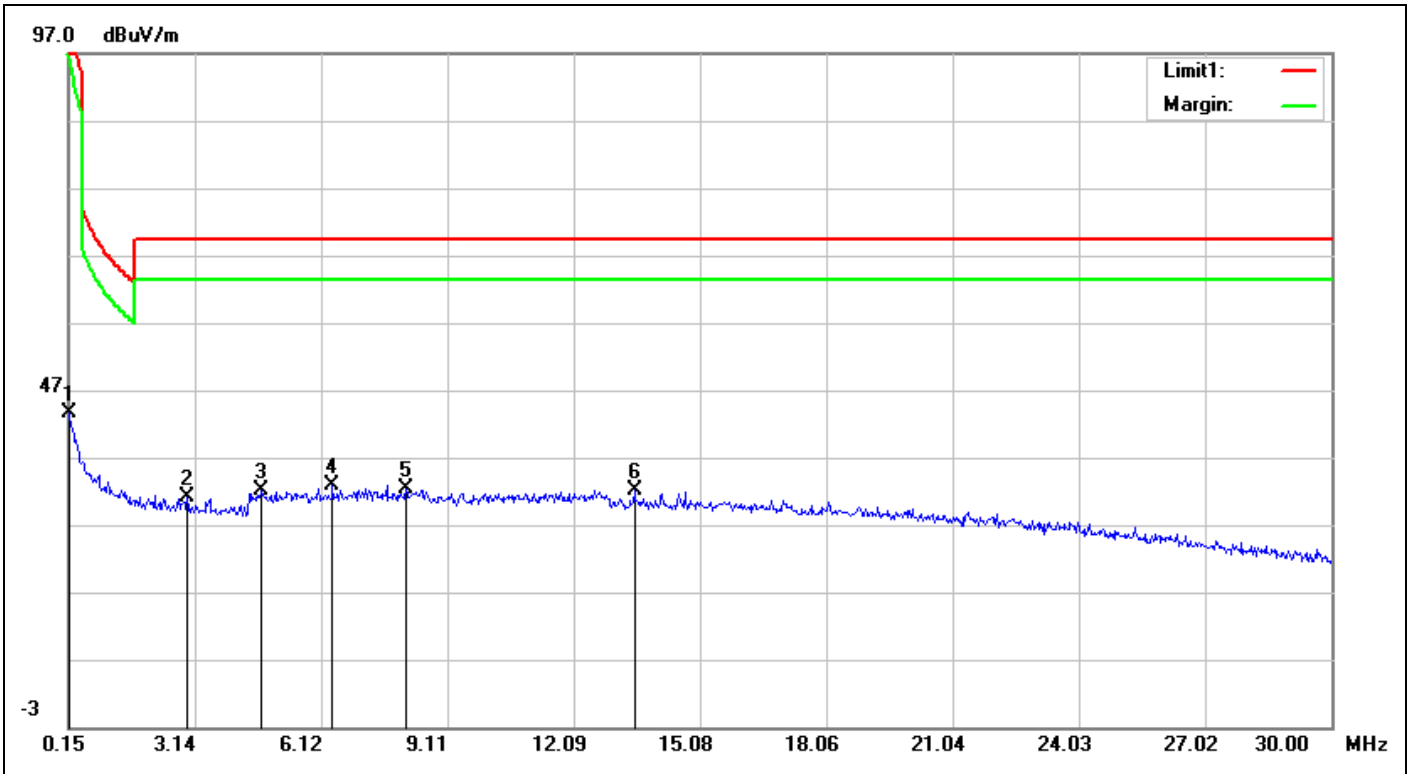
Tel:+886-2172-7000 fax:+886-2528-0018



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:03:36</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2405</b>  |                           |                           |
| <b>Remark:</b>        |   |                           |                           |

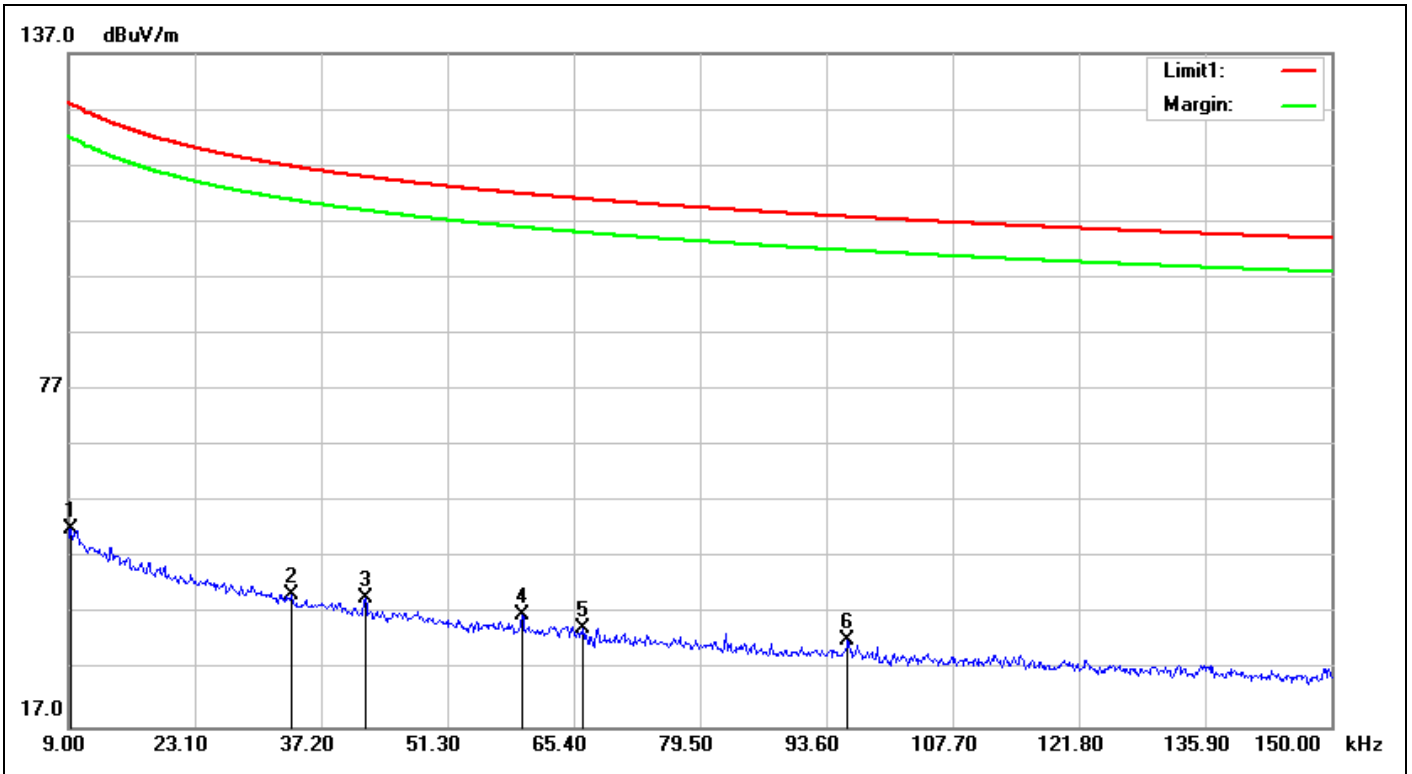
| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (°) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|-------------|--------|
| 1   | 0.0097          | 19.82         | 32.01          | 51.83          | 127.75         | -75.92      | QP   | 100         | 1           |        |
| 2   | 0.0175          | 20.01         | 27.75          | 47.76          | 122.65         | -74.89      | QP   | 100         | 223         |        |
| 3   | 0.0345          | 19.97         | 20.75          | 40.72          | 116.77         | -76.05      | QP   | 100         | 317         |        |
| 4   | 0.0420          | 19.71         | 20.26          | 39.97          | 115.07         | -75.10      | QP   | 100         | 319         |        |
| 5   | 0.0502          | 19.43         | 17.94          | 37.37          | 113.52         | -76.15      | QP   | 100         | 162         |        |
| 6   | 0.0750          | 19.28         | 14.17          | 33.45          | 110.05         | -76.60      | QP   | 100         | 179         |        |





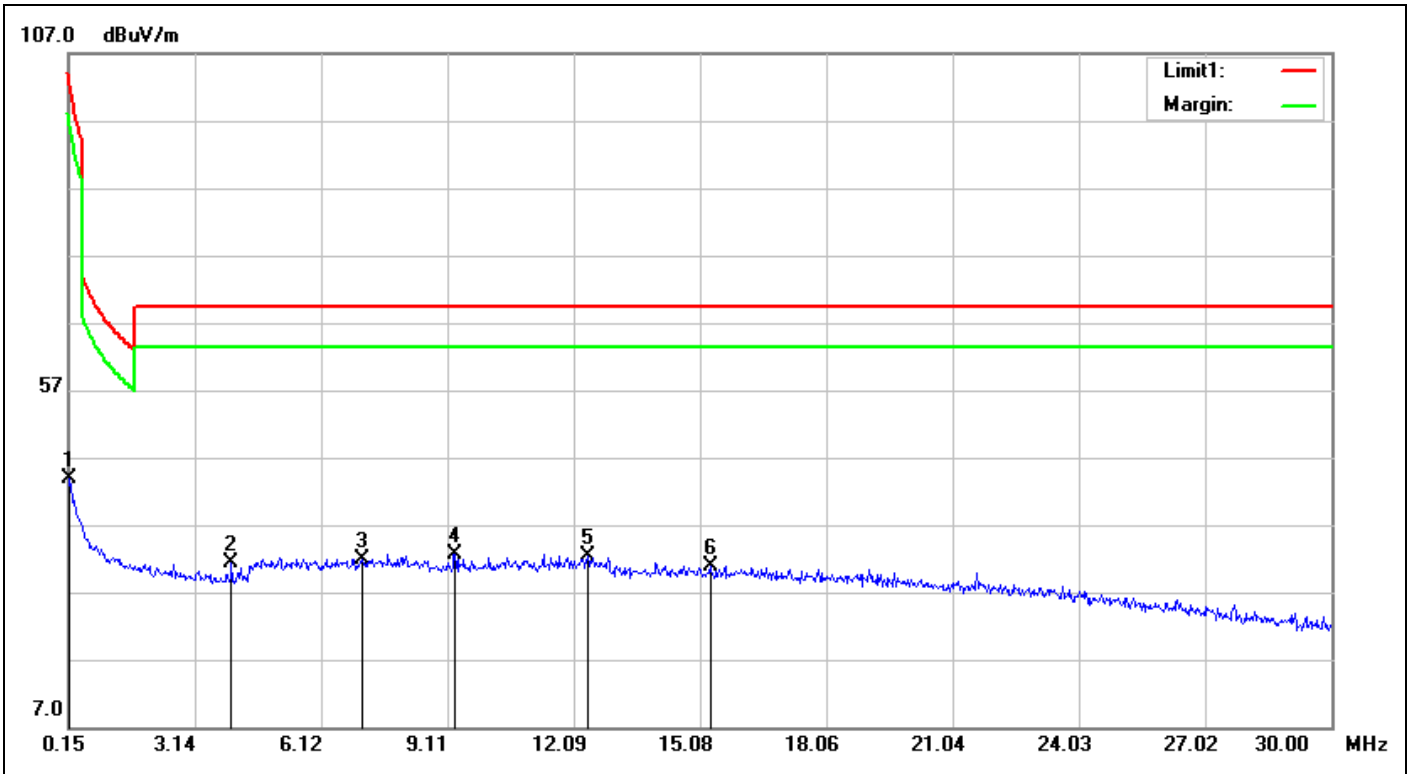
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:11:25</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2405</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   | 0.1500          | 19.08         | 24.44          | 43.52          | 104.05         | -60.53      | QP   | 100         | 341         |        |
| 2   | 2.9558          | 18.53         | 12.49          | 31.02          | 69.50          | -38.48      | QP   | 100         | 31          |        |
| 3   | 4.7171          | 19.58         | 12.47          | 32.05          | 69.50          | -37.45      | QP   | 100         | 65          |        |
| 4   | 6.3887          | 19.89         | 12.90          | 32.79          | 69.50          | -36.71      | QP   | 100         | 87          |        |
| 5   | 8.1198          | 20.05         | 12.43          | 32.48          | 69.50          | -37.02      | QP   | 100         | 310         |        |
| 6   | 13.5228         | 20.84         | 11.28          | 32.12          | 69.50          | -37.38      | QP   | 100         | 78          |        |



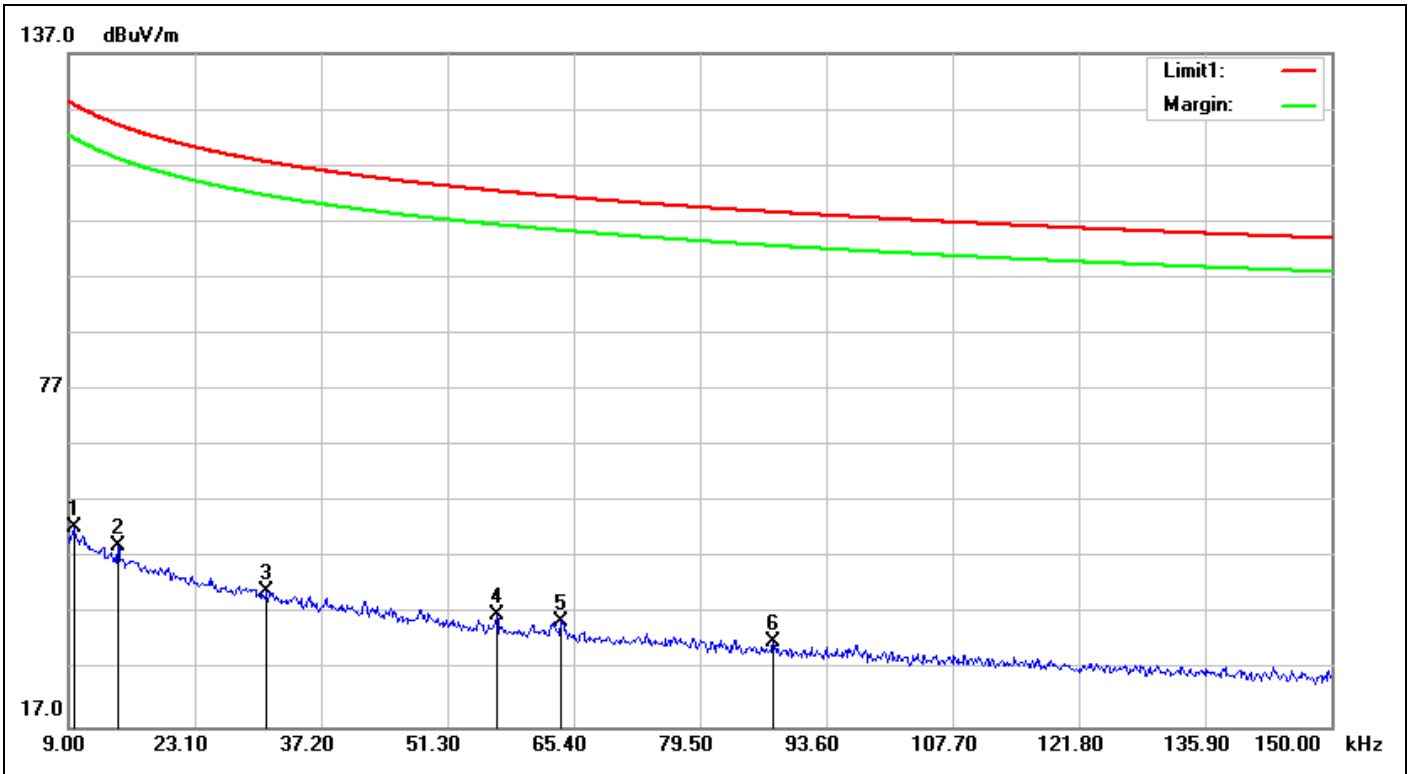
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:05:34</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2442</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   | 0.0092          | 19.66         | 32.65          | 52.31          | 128.12         | -75.81      | QP   | 100         | 277         |        |
| 2   | 0.0338          | 19.99         | 20.68          | 40.67          | 116.88         | -76.21      | QP   | 100         | 4           |        |
| 3   | 0.0421          | 19.70         | 20.34          | 40.04          | 114.99         | -74.95      | QP   | 100         | 160         |        |
| 4   | 0.0596          | 19.37         | 17.53          | 36.90          | 111.99         | -75.09      | QP   | 100         | 147         |        |
| 5   | 0.0663          | 19.33         | 15.16          | 34.49          | 111.07         | -76.58      | QP   | 100         | 76          |        |
| 6   | 0.0959          | 19.15         | 13.34          | 32.49          | 107.88         | -75.39      | QP   | 100         | 126         |        |



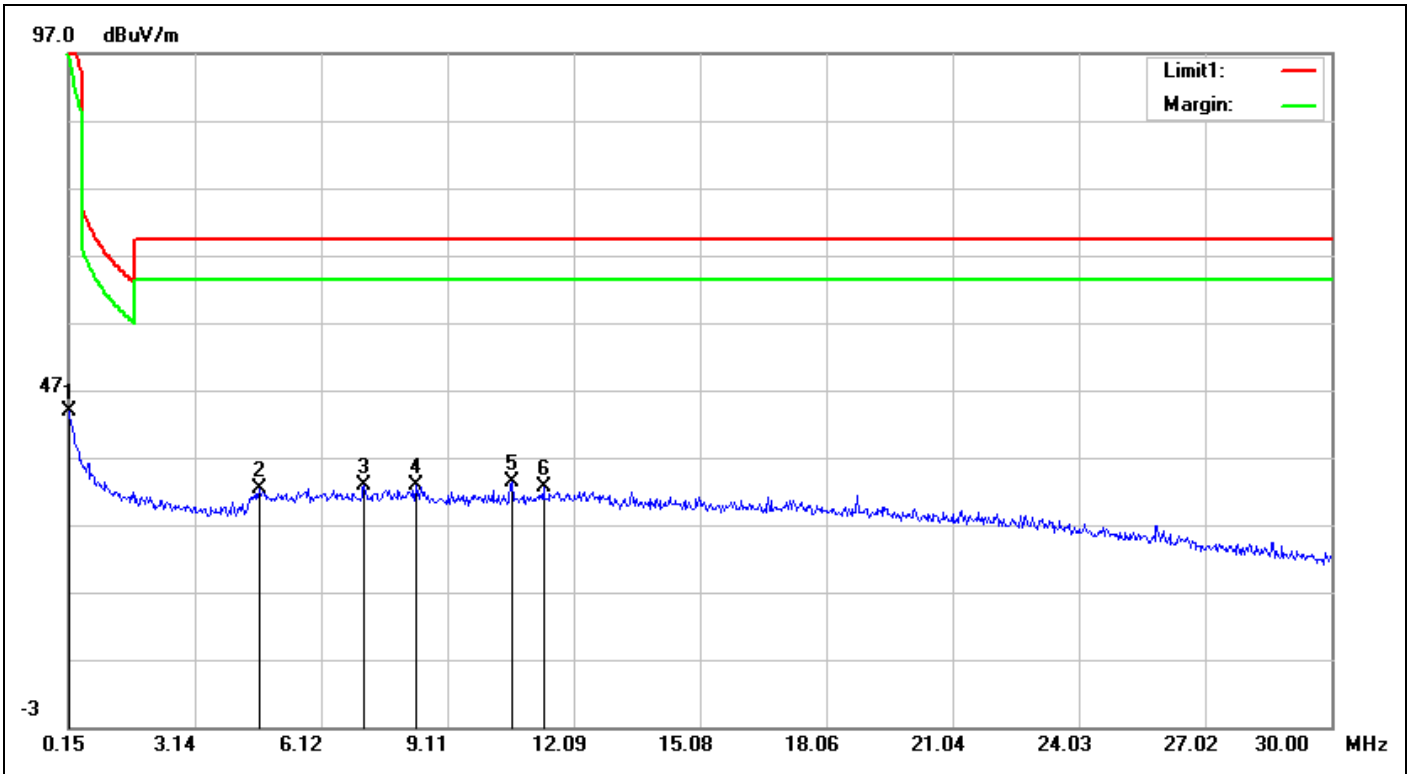
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:12:57</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2442</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   | 0.1799          | 19.06         | 24.71          | 43.77          | 102.47         | -58.70      | QP   | 100         | 196         |        |
| 2   | 4.0007          | 19.14         | 12.33          | 31.47          | 69.50          | -38.03      | QP   | 100         | 155         |        |
| 3   | 7.1051          | 19.96         | 12.02          | 31.98          | 69.50          | -37.52      | QP   | 100         | 205         |        |
| 4   | 9.2841          | 20.15         | 12.45          | 32.60          | 69.50          | -36.90      | QP   | 100         | 1           |        |
| 5   | 12.4184         | 20.65         | 11.75          | 32.40          | 69.50          | -37.10      | QP   | 100         | 360         |        |
| 6   | 15.3138         | 21.15         | 9.69           | 30.84          | 69.50          | -38.66      | QP   | 100         | 169         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:07:32</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2477</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   | 0.0096          | 19.78         | 32.64          | 52.42          | 127.84         | -75.42      | QP   | 100         | 157         |        |
| 2   | 0.0145          | 19.98         | 29.18          | 49.16          | 124.27         | -75.11      | QP   | 100         | 306         |        |
| 3   | 0.0311          | 20.09         | 20.97          | 41.06          | 117.67         | -76.61      | QP   | 100         | 106         |        |
| 4   | 0.0568          | 19.39         | 17.49          | 36.88          | 112.45         | -75.57      | QP   | 100         | 356         |        |
| 5   | 0.0640          | 19.35         | 16.53          | 35.88          | 111.42         | -75.54      | QP   | 100         | 88          |        |
| 6   | 0.0877          | 19.20         | 12.83          | 32.03          | 108.69         | -76.66      | QP   | 100         | 99          |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:09:50</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>TX-2477</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   | 0.1500          | 19.08         | 24.83          | 43.91          | 104.05         | -60.14      | QP   | 100         | 22          |        |
| 2   | 4.6574          | 19.54         | 12.76          | 32.30          | 69.50          | -37.20      | QP   | 100         | 360         |        |
| 3   | 7.1349          | 19.96         | 12.80          | 32.76          | 69.50          | -36.74      | QP   | 100         | 349         |        |
| 4   | 8.3588          | 20.07         | 12.71          | 32.78          | 69.50          | -36.72      | QP   | 100         | 238         |        |
| 5   | 10.6273         | 20.33         | 12.93          | 33.26          | 69.50          | -36.24      | QP   | 100         | 17          |        |
| 6   | 11.3736         | 20.46         | 12.06          | 32.52          | 69.50          | -36.98      | QP   | 100         | 321         |        |

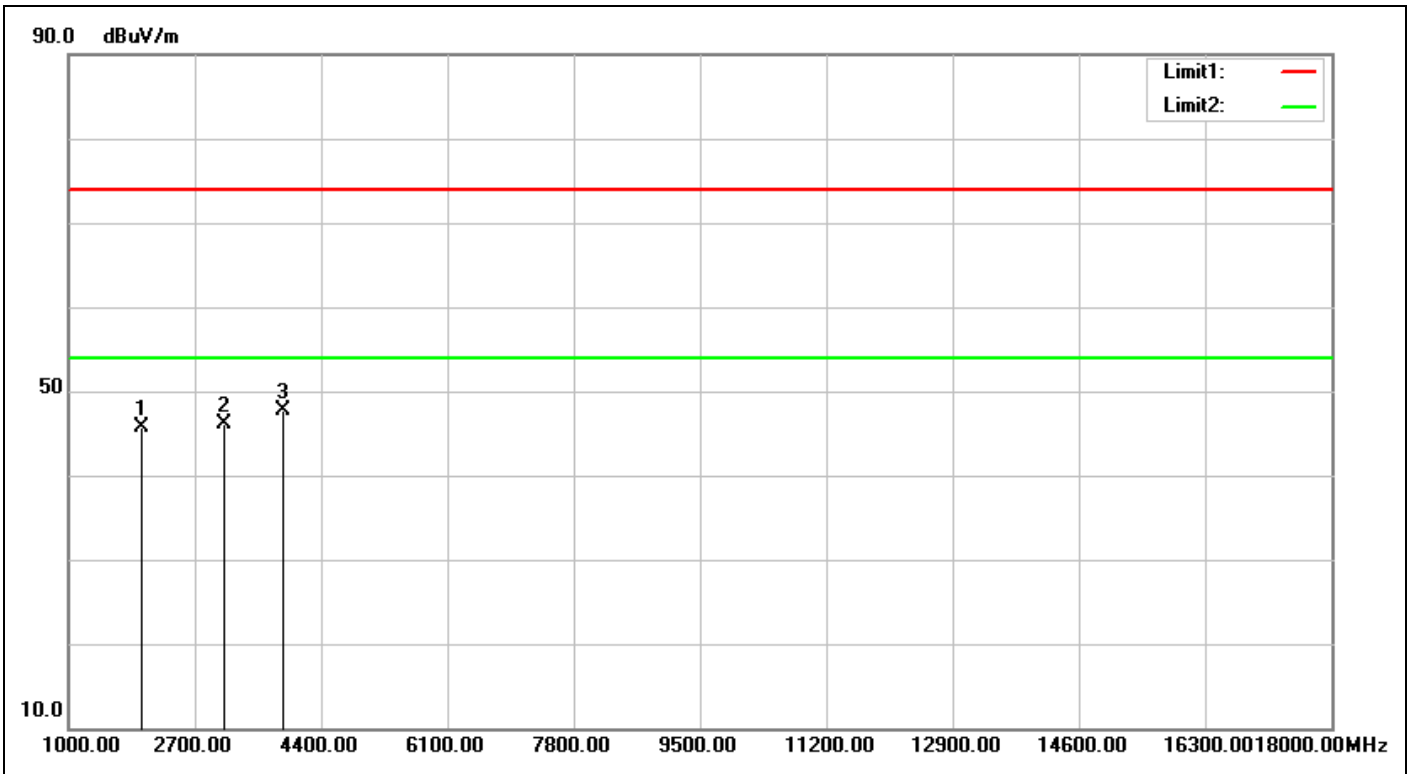
# Spurious Emissions, Receiver Mode, 1-18G



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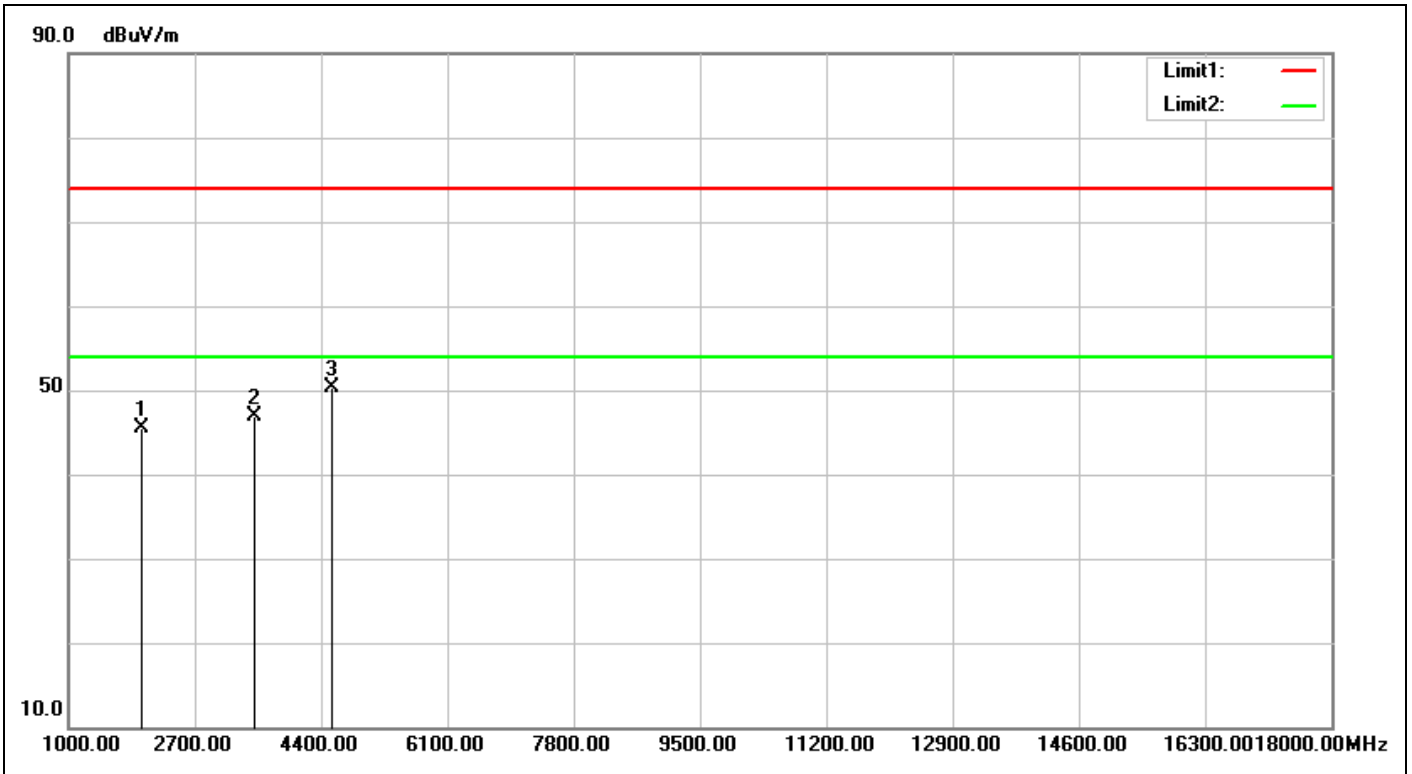
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/14 17:22:12</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>RX-2442</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   | 1986.000        | -5.16         | 50.89          | 45.73          | 74.00          | -28.27      | peak | 100         | 236         |        |
| 2   | 3091.000        | -3.95         | 50.04          | 46.09          | 74.00          | -27.91      | peak | 100         | 288         |        |
| 3   | 3890.000        | -2.90         | 50.63          | 47.73          | 74.00          | -26.27      | peak | 100         | 256         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/14 17:23:16</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>RX-2442</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   | 1986.000        | -5.16         | 50.57          | 45.41          | 74.00          | -28.59      | peak | 100         | 285         |        |
| 2   | 3499.000        | -3.48         | 50.40          | 46.92          | 74.00          | -27.08      | peak | 100         | 83          |        |
| 3   | 4553.000        | -0.32         | 50.56          | 50.24          | 74.00          | -23.76      | peak | 100         | 282         |        |

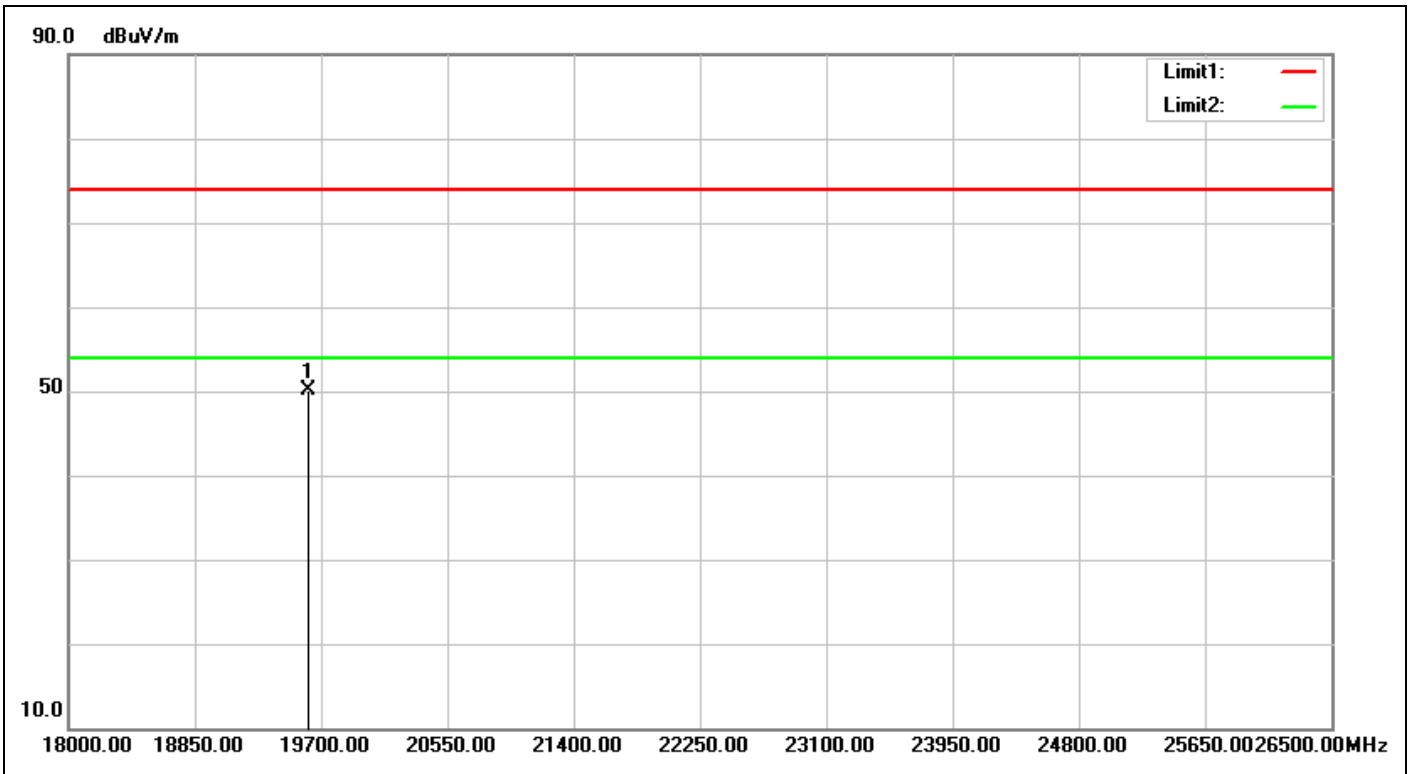
# Spurious Emissions, Receiver Mode, 18-26G



**TÜV Rheinland Taiwan**

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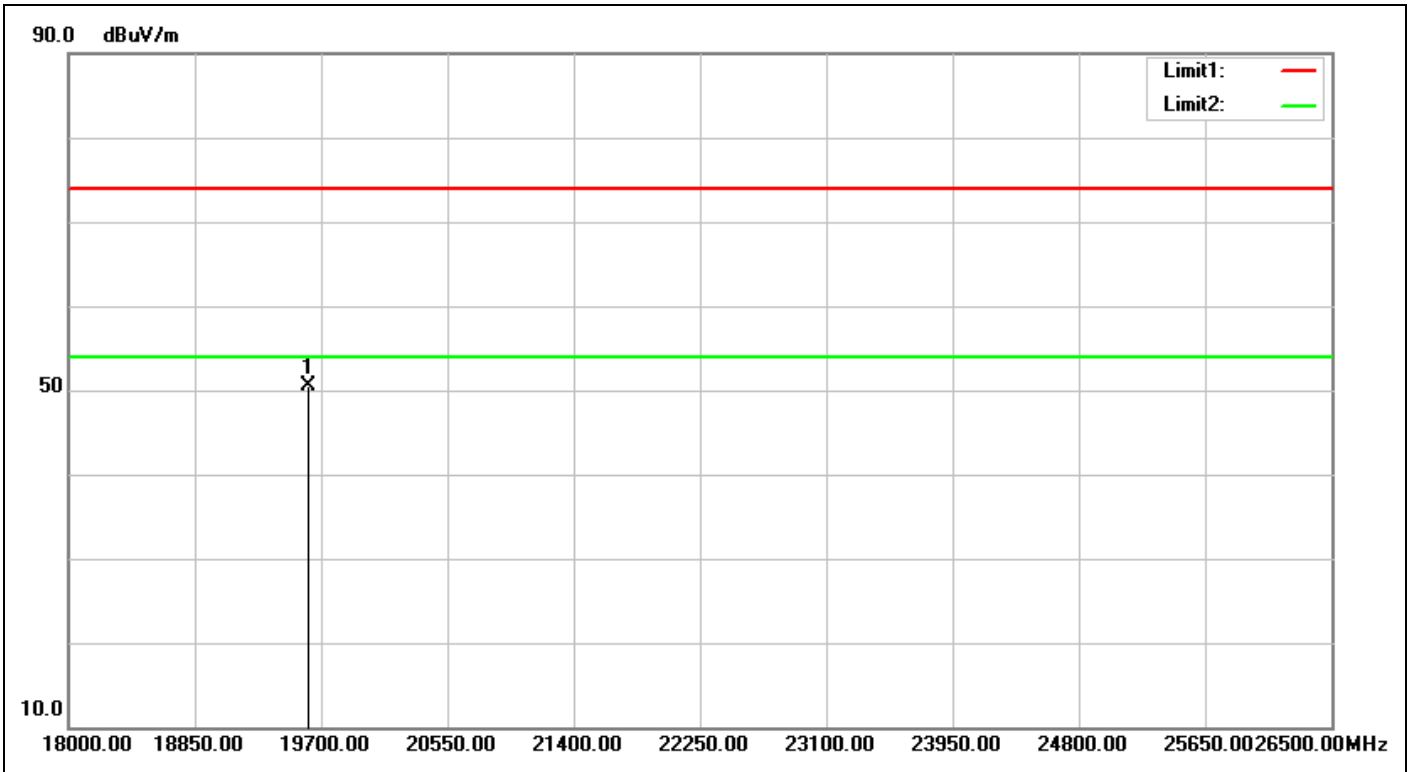
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|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</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>2017/7/17 16:41:02</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>RX-2442</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   | 19615.000       | 30.33         | 19.79          | 50.12          | 74.00          | -23.88      | peak | 100         | 227         |        |





|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</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>2017/7/17 16:42:05</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>RX-2442</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   | 19615.000       | 30.33         | 20.25          | 50.58          | 74.00          | -23.42      | peak | 100         | 226         |        |

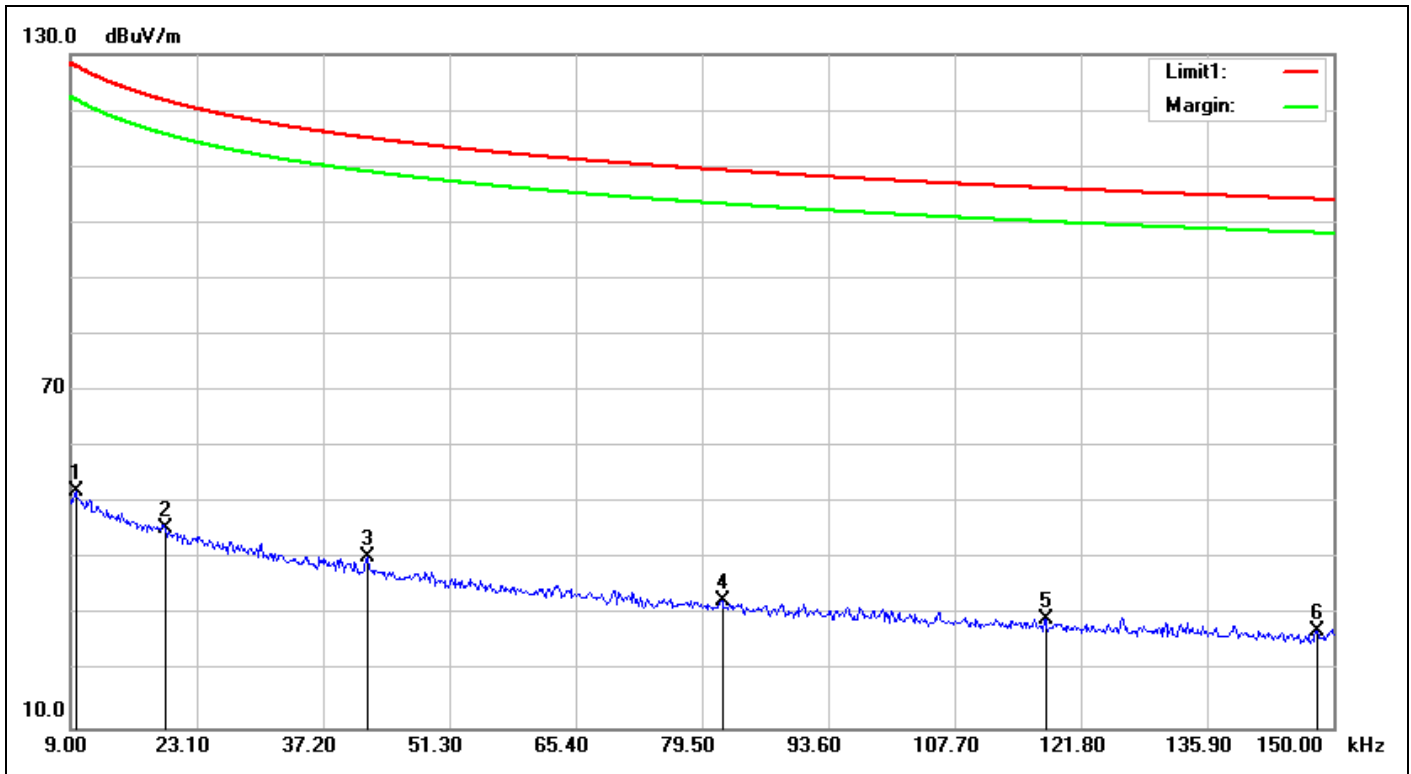
# Spurious Emissions, Receiver Mode, 9K-1G



**TÜV Rheinland Taiwan**

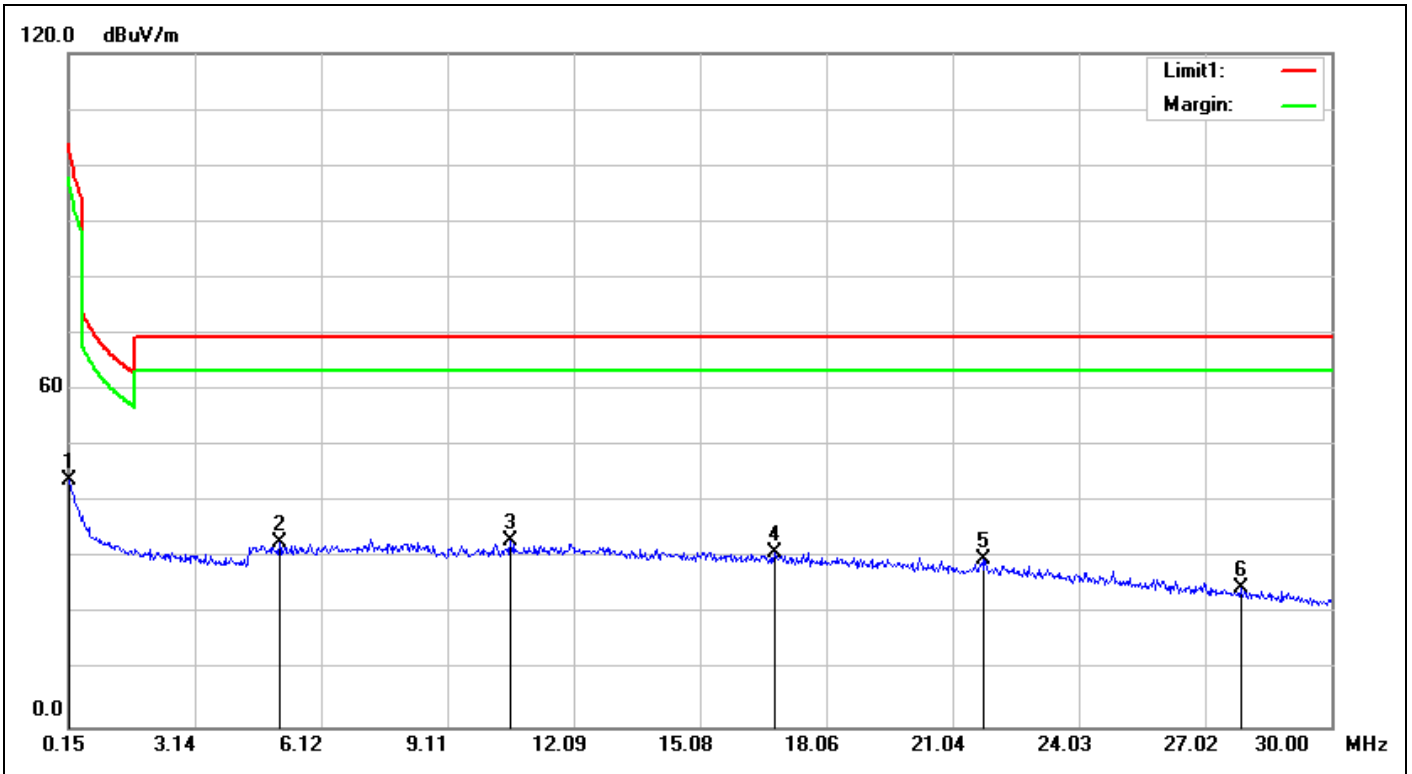
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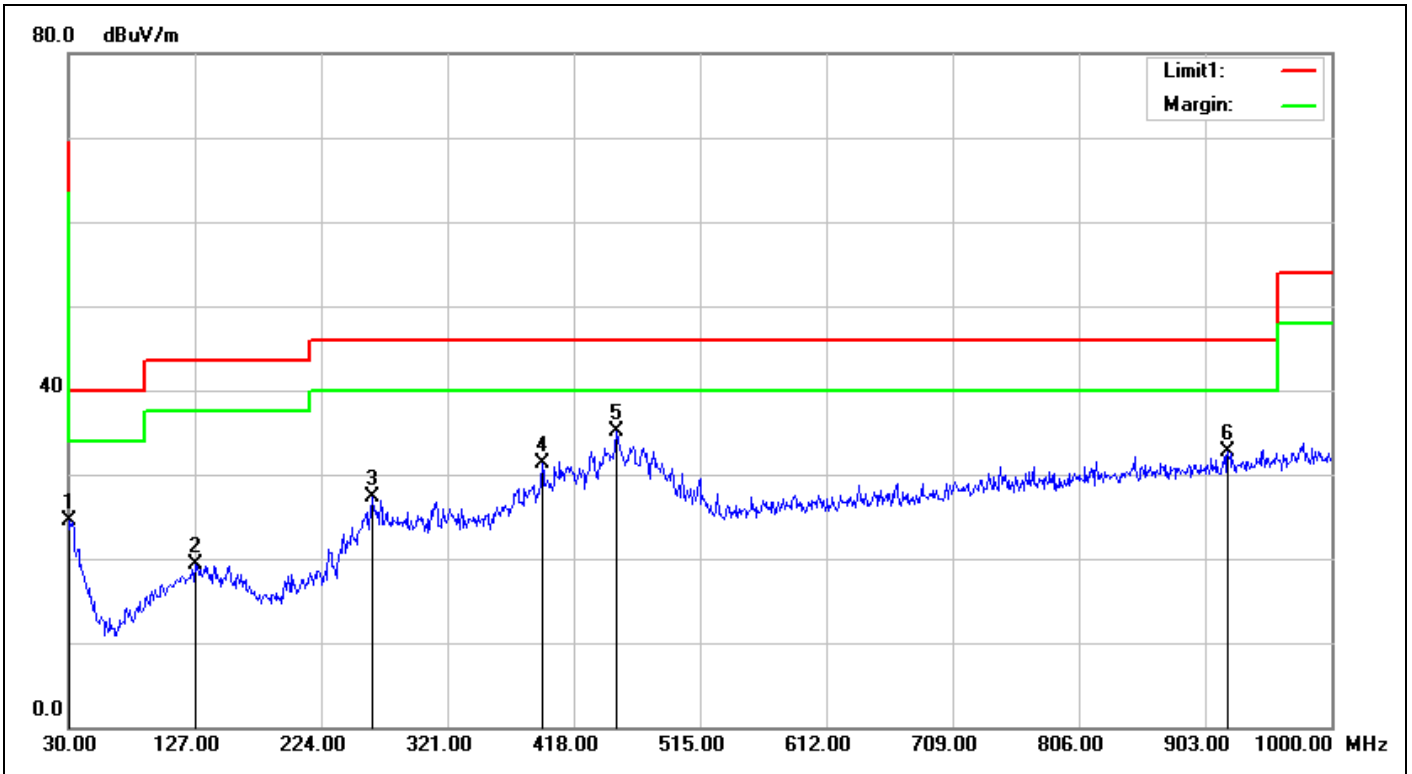
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/31 21:35:28</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>23.1(°C)/49%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Kai Wang</b>           |
| <b>Test Mode:</b>     | <b>RX-2442</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   | 0.0095          | 19.73         | 32.49          | 52.22          | 128.03         | -75.81      | QP   | 100         | 204         |        |
| 2   | 0.0195          | 20.03         | 25.61          | 45.64          | 121.79         | -76.15      | QP   | 100         | 225         |        |
| 3   | 0.0421          | 19.71         | 20.82          | 40.53          | 115.11         | -74.58      | QP   | 100         | 117         |        |
| 4   | 0.0817          | 19.24         | 13.49          | 32.73          | 109.35         | -76.62      | QP   | 100         | 312         |        |
| 5   | 0.1178          | 19.11         | 10.36          | 29.47          | 106.17         | -76.70      | QP   | 100         | 285         |        |
| 6   | 0.1481          | 19.08         | 8.24           | 27.32          | 104.19         | -76.87      | QP   | 100         | 192         |        |



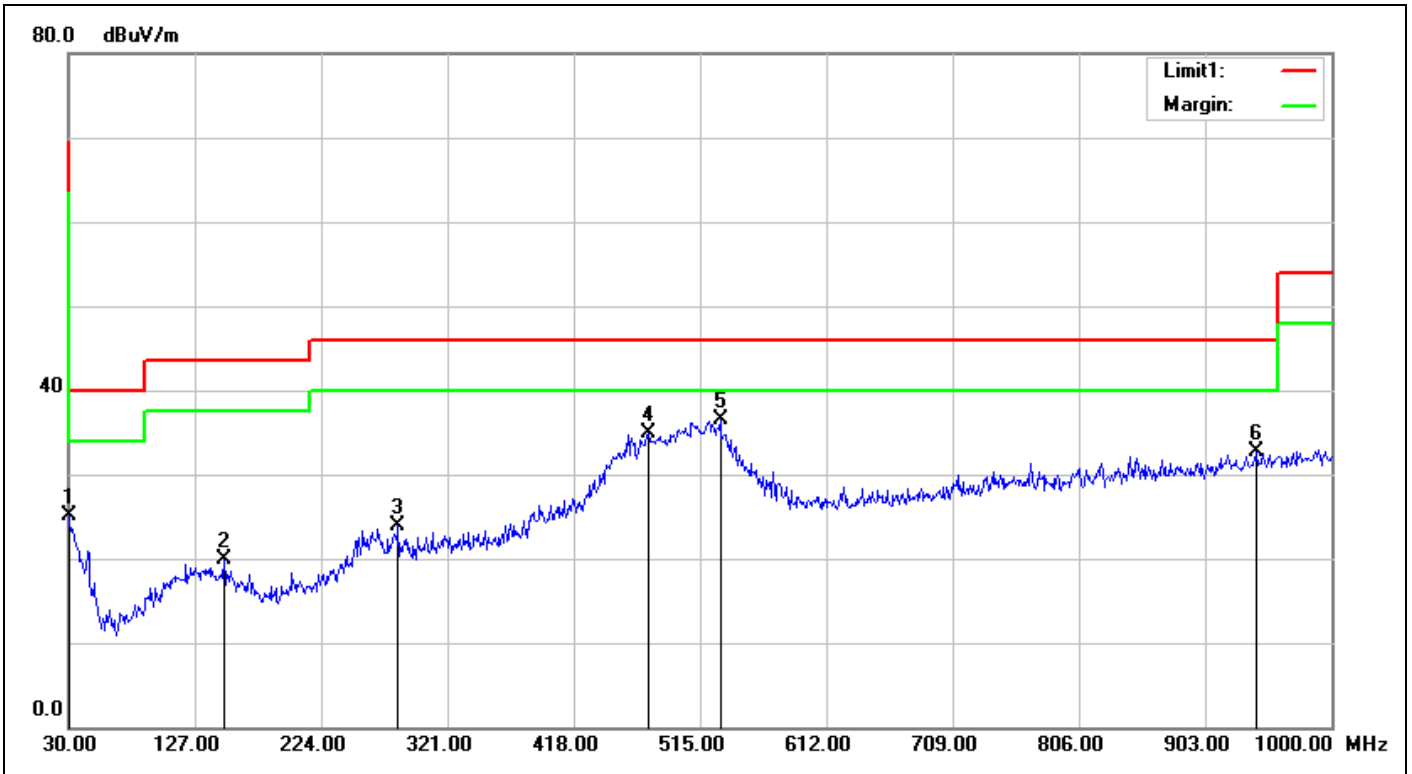
|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/31 21:39:28</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>23.1(°C)/49%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Kai Wang</b>           |
| <b>Test Mode:</b>     | <b>RX-2442</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   | 0.1798          | 19.06         | 24.92          | 43.98          | 102.50         | -58.52      | QP   | 100         | 307         |        |
| 2   | 5.1349          | 19.77         | 12.98          | 32.75          | 69.50          | -36.75      | QP   | 100         | 249         |        |
| 3   | 10.5975         | 20.32         | 12.72          | 33.04          | 69.50          | -36.46      | QP   | 100         | 150         |        |
| 4   | 16.8361         | 21.42         | 9.70           | 31.12          | 69.50          | -38.38      | QP   | 100         | 164         |        |
| 5   | 21.7613         | 22.11         | 7.64           | 29.75          | 69.50          | -39.75      | QP   | 100         | 228         |        |
| 6   | 27.8508         | 22.51         | 2.19           | 24.70          | 69.50          | -44.80      | QP   | 100         | 105         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:31:29</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>RX-2442</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         | -0.08         | 24.51          | 24.43          | 40.00          | -15.57      | QP   | 100         | 312         |        |
| 2   | 127.0000        | -7.13         | 26.43          | 19.30          | 43.50          | -24.20      | QP   | 100         | 149         |        |
| 3   | 263.7699        | -5.10         | 32.49          | 27.39          | 46.00          | -18.61      | QP   | 100         | 260         |        |
| 4   | 393.7500        | -2.63         | 34.02          | 31.39          | 46.00          | -14.61      | QP   | 100         | 108         |        |
| 5   | 450.9800        | -1.90         | 37.04          | 35.14          | 46.00          | -10.86      | QP   | 100         | 258         |        |
| 6   | 920.4600        | 4.66          | 28.03          | 32.69          | 46.00          | -13.31      | QP   | 100         | 318         |        |



|                       |   |                           |                           |
|-----------------------|---|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114066814</b>  | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>                                 | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>                                 | <b>Test Time:</b>         | <b>2017/7/17 17:32:33</b> |
| <b>Applicant:</b>     | <b>ARESON Technology Corp.</b>                            | <b>Test Rating:</b>       | <b>DC 3V</b>              |
| <b>Product:</b>       | <b>2.4GHz Wireless Mouse</b>                              | <b>Temp.(°C)/Hum.(%):</b> | <b>22.1(°C)/54%</b>       |
| <b>Model No.:</b>     | <b>B250MR, 23420B, 23423B, 25564B,<br/>25565B, 25567B</b> | <b>Test Engineer:</b>     | <b>Sam Su</b>             |
| <b>Test Mode:</b>     | <b>RX-2442</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         | -0.08         | 25.10          | 25.02          | 40.00          | -14.98      | QP   | 100         | 354         |        |
| 2   | 149.3100        | -7.46         | 27.39          | 19.93          | 43.50          | -23.57      | QP   | 100         | 89          |        |
| 3   | 283.1700        | -5.03         | 28.86          | 23.83          | 46.00          | -22.17      | QP   | 100         | 17          |        |
| 4   | 475.2300        | -1.61         | 36.57          | 34.96          | 46.00          | -11.04      | QP   | 100         | 147         |        |
| 5   | 530.5200        | -0.98         | 37.39          | 36.41          | 46.00          | -9.59       | QP   | 100         | 227         |        |
| 6   | 942.7700        | 5.21          | 27.51          | 32.72          | 46.00          | -13.28      | QP   | 100         | 360         |        |