

**Appendix B for test data:****1.Radiated Spurious Emission and Restricted Band**

Test Result

**Radiated Spurious Emission:****For 9 kHz ~ 30 MHz**

Note:

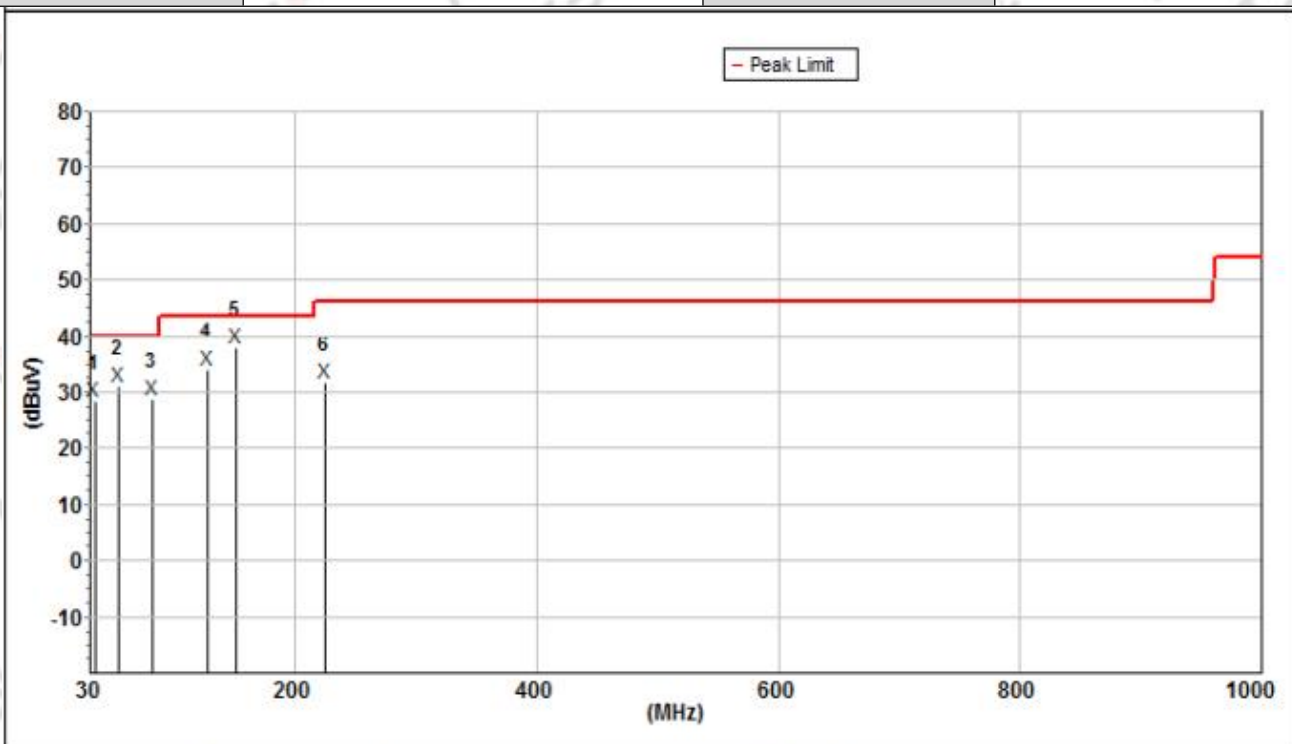
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

**Below 1GHz:**

Note:

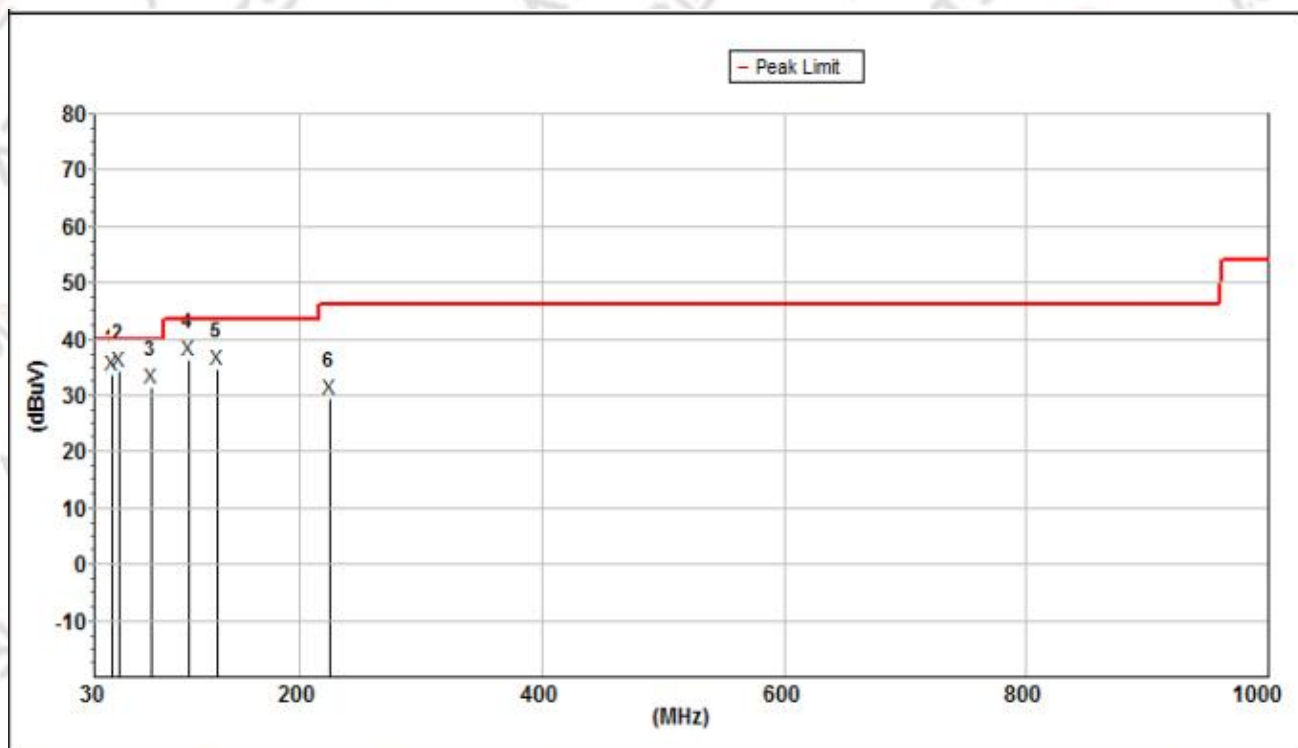
- 1.All modes have been tested, only worst (BLE\_1M-TX-2402MHz)mode was recorded in the test report.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
- 3.Correction Factor (dB/m) = Antenna Pol. Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
- 4.The emission levels of other frequencies were less than 20dB margin against the limit.
- 5.Margin value = Emission level-Limit value.

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1M-2440MHz                | Antenna Pol. | Horizontal |



| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 33.211     | 70.4            | -41.9      | 28.5          | 40.0          | 11.5       | H    |
| 2     | 52.945     | 73.4            | -42.4      | 31.0          | 40.0          | 9.0        | H    |
| 3     | 81.212     | 72.7            | -44.1      | 28.6          | 40.0          | 11.4       | H    |
| 4     | 126.772    | 68.1            | -34.1      | 34.0          | 43.5          | 9.5        | H    |
| 5     | 151.597    | 73.9            | -36.0      | 37.9          | 43.5          | 5.6        | H    |
| 6     | 224.519    | 60.5            | -28.9      | 31.6          | 46.0          | 14.4       | H    |

|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1M-2440MHz                | Antenna Pol. | Vertical |



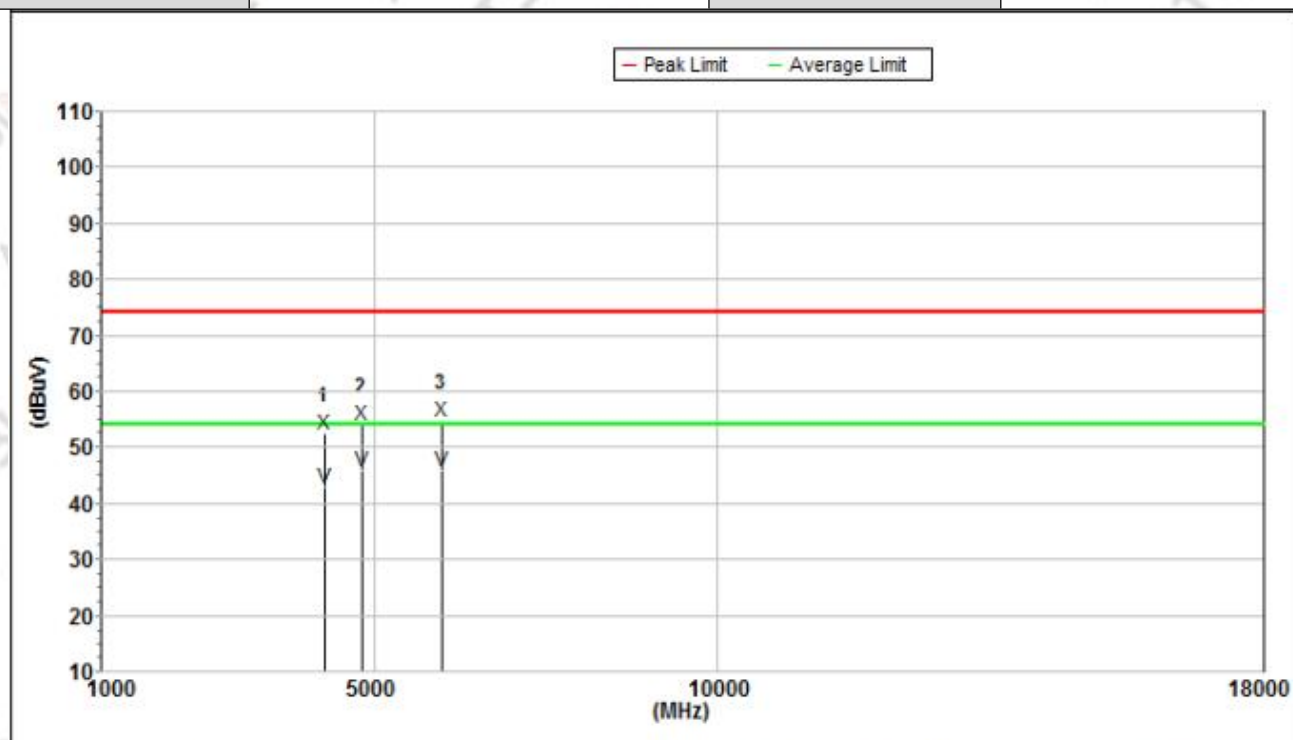
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 44.901     | 78.3            | -44.6      | 33.7          | 40.0          | 6.3        | V    |
| 2     | 51.301     | 77.9            | -43.7      | 34.2          | 40.0          | 5.8        | V    |
| 3     | 76.781     | 75.2            | -43.8      | 31.4          | 40.0          | 8.6        | V    |
| 4     | 107.888    | 70.1            | -34.0      | 36.1          | 43.5          | 7.4        | V    |
| 5     | 131.758    | 71.0            | -36.5      | 34.5          | 43.5          | 9.0        | V    |
| 6     | 225.308    | 57.0            | -27.8      | 29.2          | 46.0          | 16.8       | V    |

### 1GHz-18GHz:

Note:

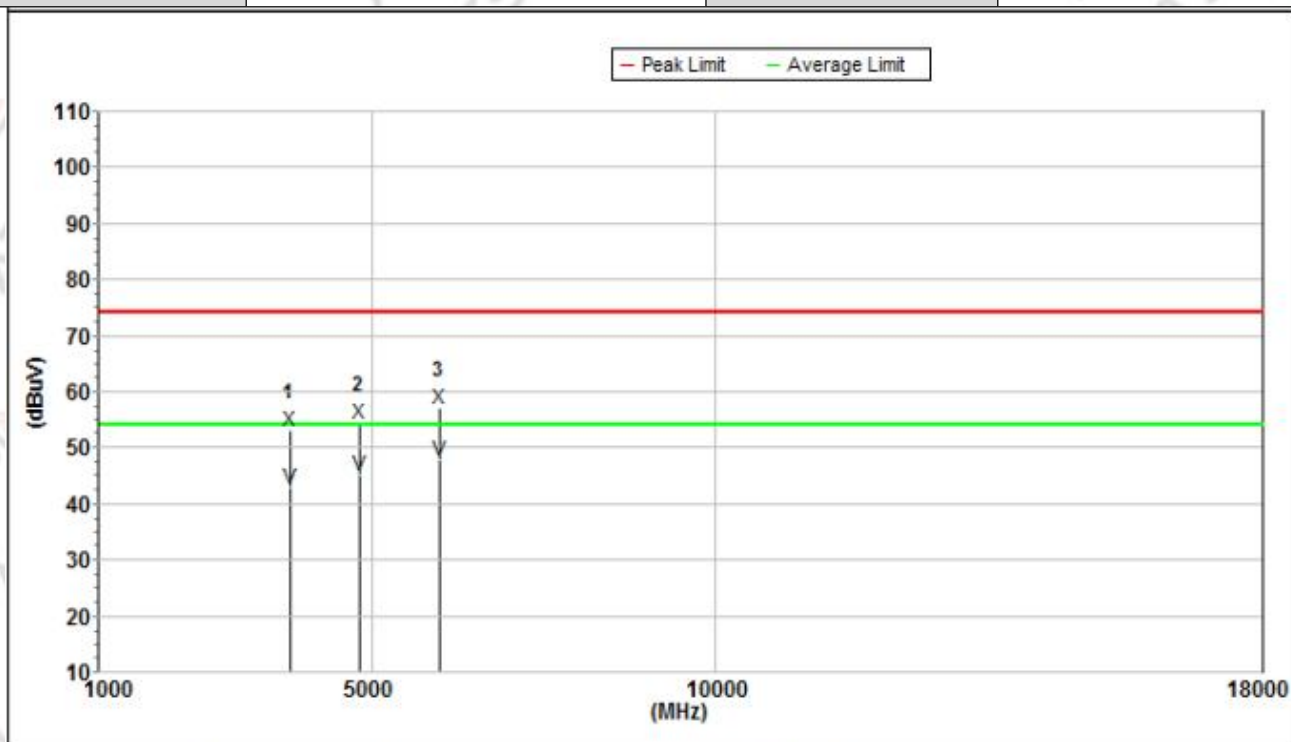
- 1.We used the filter to test and the main frequency was filtered out.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
3. Correction Factor (dB/m) = Antenna Pol. Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
4. Margin value = Emission level-Limit value.
- 5.While performing the testing, the notch filter is used for avoiding test instrument overload.

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1M-2402MHz                | Antenna Pol. | Horizontal |



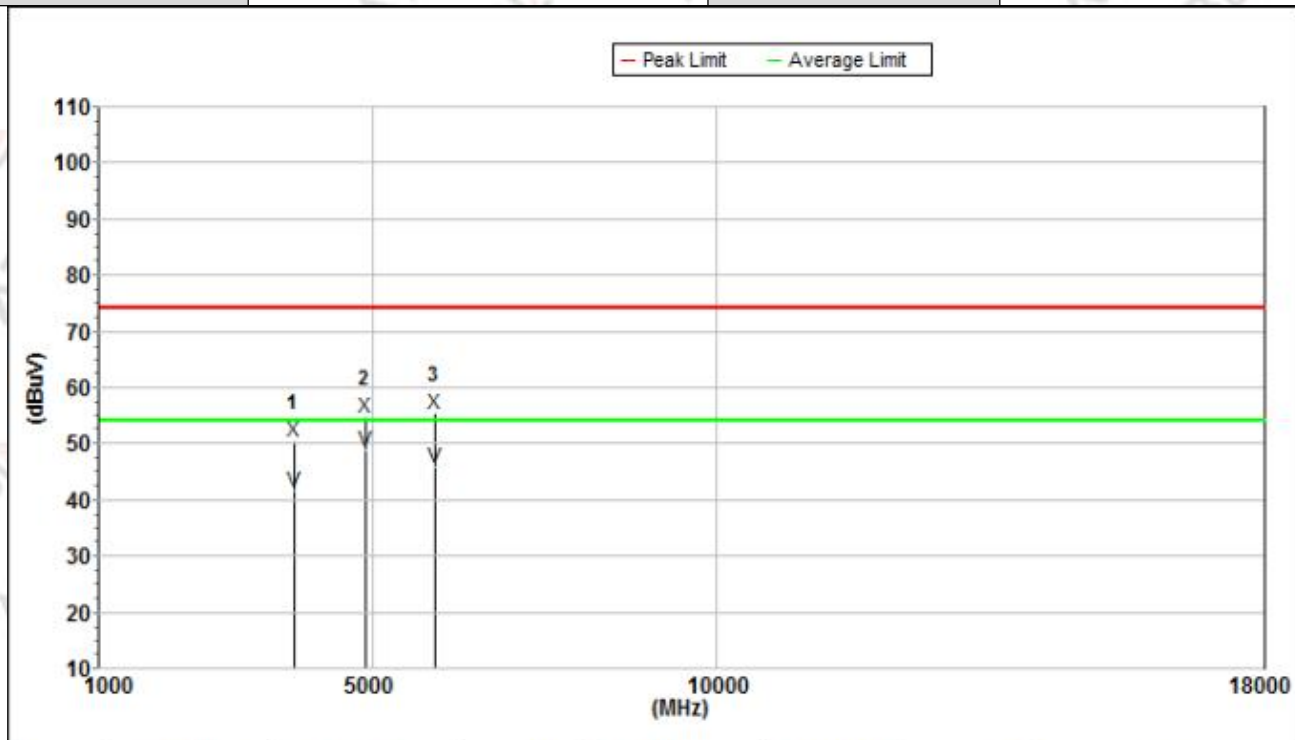
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 4270.000   | 60.1            | -7.8       | 52.3          | 74.0          | 21.7       | H    |
| 2     | 4807.500   | 60.3            | -6.3       | 54.0          | 74.0          | 20.0       | H    |
| 3     | 5995.000   | 57.9            | -3.1       | 54.8          | 74.0          | 19.2       | H    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 4270.000   | 50.7            | -7.8       | 42.9          | 54.0          | 11.1       | H    |
| 2     | 4807.500   | 52.1            | -6.3       | 45.8          | 54.0          | 8.2        | H    |
| 3     | 5995.000   | 48.8            | -3.1       | 45.7          | 54.0          | 8.3        | H    |

|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1M-2402MHz                | Antenna Pol. | Vertical |



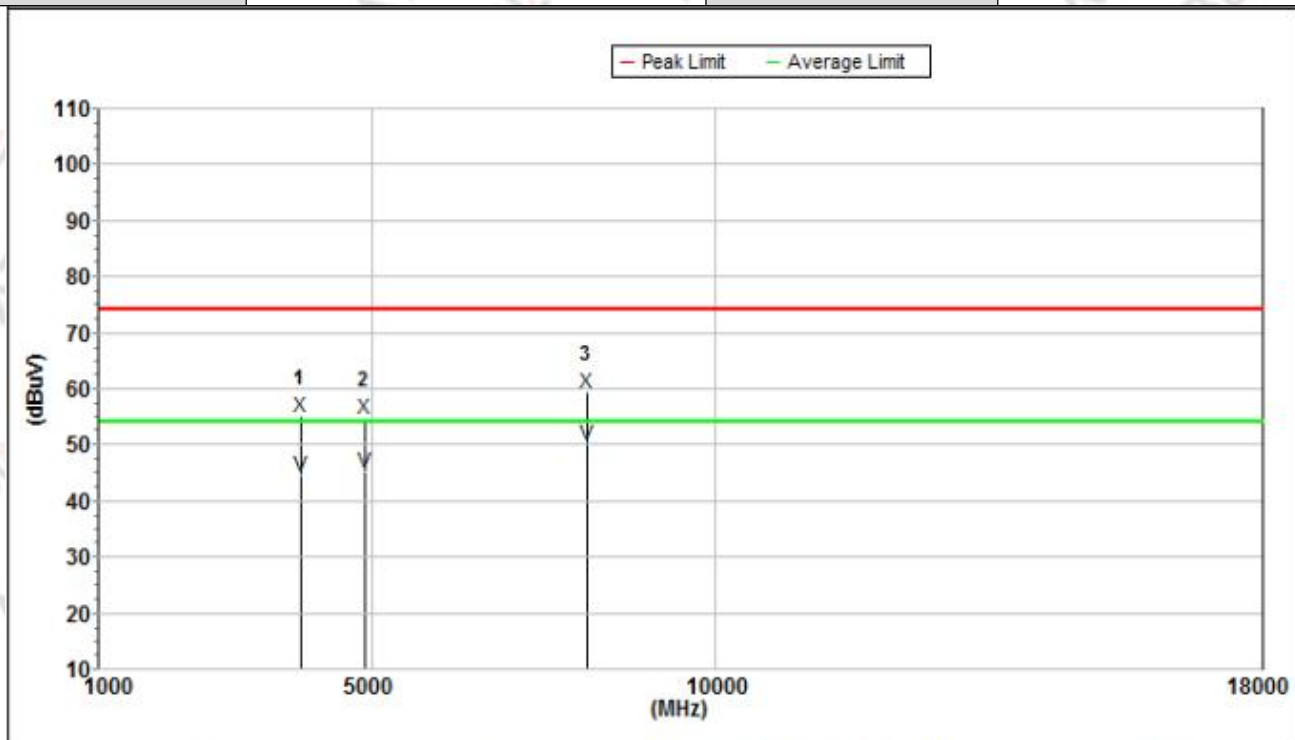
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 3792.500   | 59.9            | -6.8       | 53.1          | 74.0          | 20.9       | V    |
| 2     | 4807.500   | 58.8            | -4.5       | 54.3          | 74.0          | 19.7       | V    |
| 3     | 5985.000   | 58.0            | -1.1       | 56.9          | 74.0          | 17.1       | V    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 3792.500   | 49.8            | -6.8       | 43.0          | 54.0          | 11.0       | V    |
| 2     | 4807.500   | 49.7            | -4.5       | 45.2          | 54.0          | 8.8        | V    |
| 3     | 5985.000   | 49.0            | -1.1       | 47.9          | 54.0          | 6.1        | V    |

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1MHz-2440MHz              | Antenna Pol. | Horizontal |



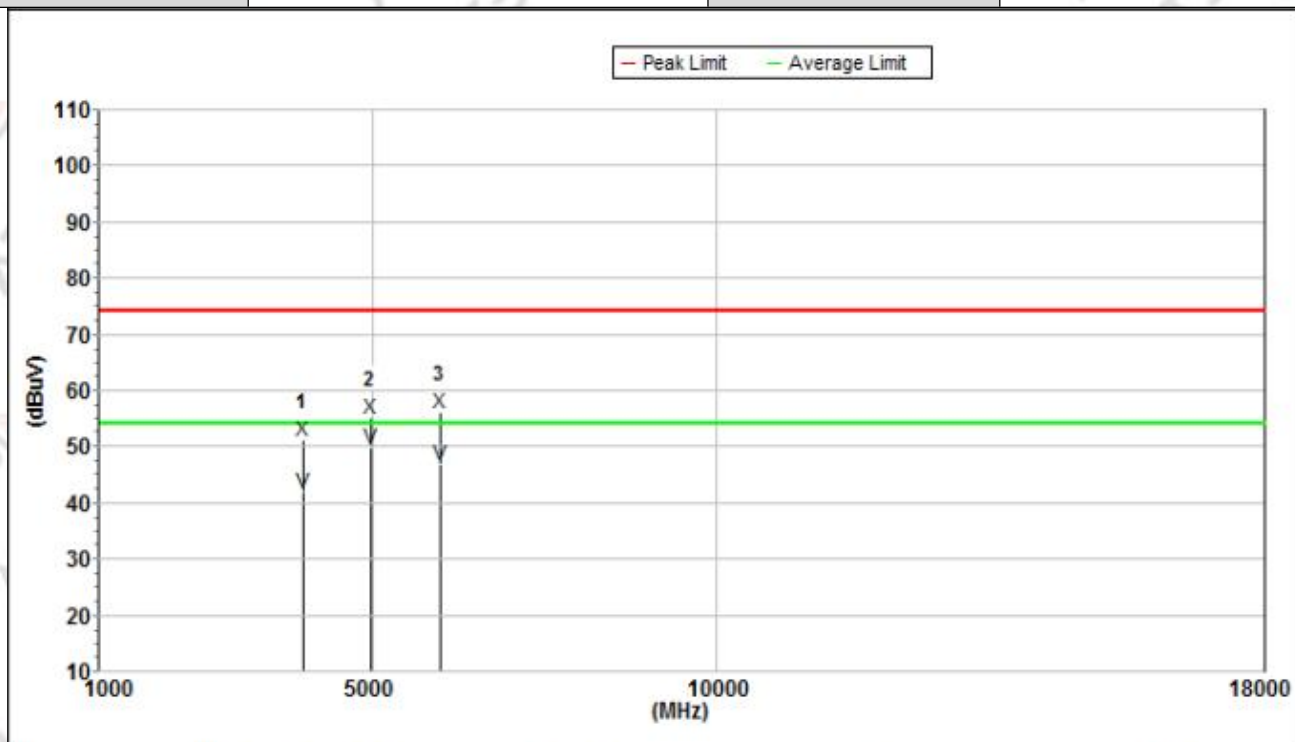
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 3865.000   | 59.3            | -8.9       | 50.4          | 74.0          | 23.6       | H    |
| 2     | 4882.500   | 60.9            | -6.0       | 54.9          | 74.0          | 19.1       | H    |
| 3     | 5902.500   | 58.9            | -3.4       | 55.5          | 74.0          | 18.5       | H    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 3865.000   | 50.6            | -8.9       | 41.7          | 54.0          | 12.3       | H    |
| 2     | 4882.500   | 54.8            | -6.0       | 48.8          | 54.0          | 5.2        | H    |
| 3     | 5902.500   | 49.1            | -3.4       | 45.7          | 54.0          | 8.3        | H    |

|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1MHz-2440MHz              | Antenna Pol. | Vertical |



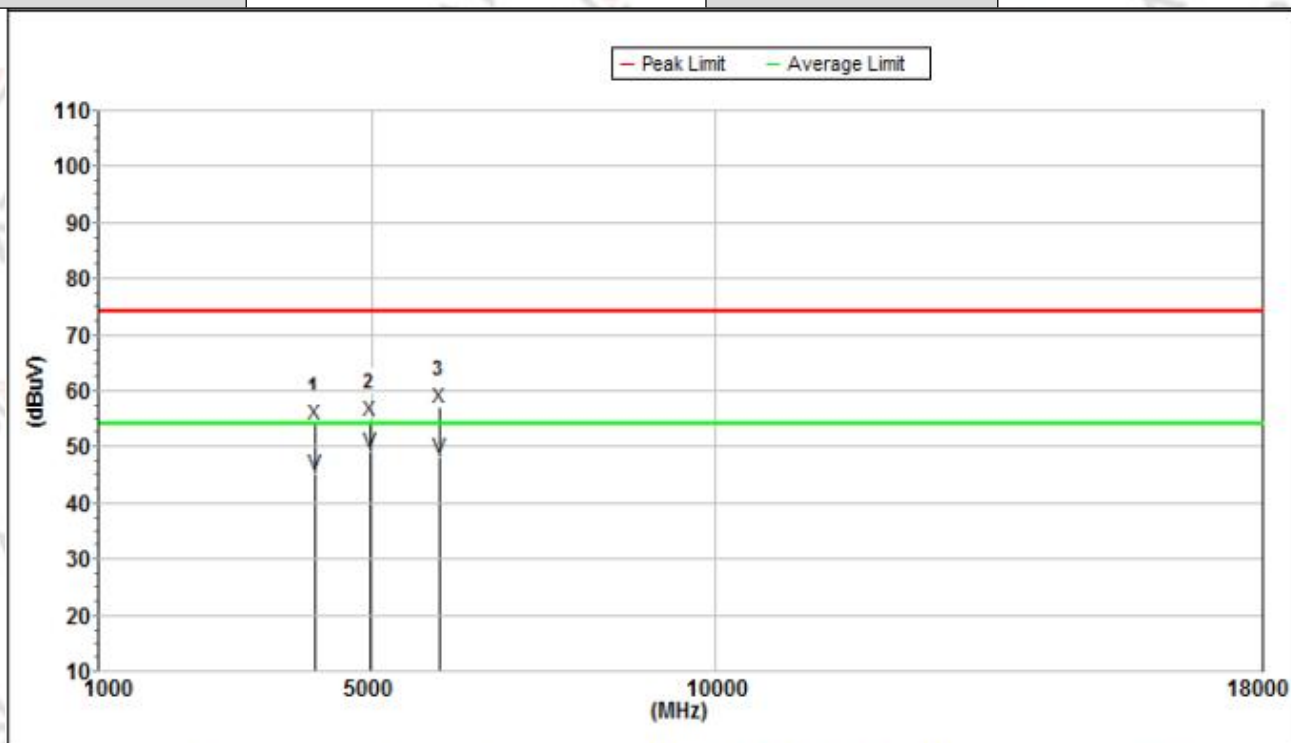
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 3950.000   | 60.9            | -5.7       | 55.2          | 74.0          | 18.8       | V    |
| 2     | 4900.000   | 58.9            | -4.3       | 54.6          | 74.0          | 19.4       | V    |
| 3     | 8136.000   | 57.2            | 2.3        | 59.5          | 74.0          | 14.5       | V    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 3950.000   | 50.1            | -5.7       | 44.4          | 54.0          | 9.6        | V    |
| 2     | 4900.000   | 49.4            | -4.3       | 45.1          | 54.0          | 8.9        | V    |
| 3     | 8136.000   | 47.8            | 2.3        | 50.1          | 54.0          | 3.9        | V    |

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1MHz-2480MHz              | Antenna Pol. | Horizontal |



| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 3972.500   | 59.5            | -8.4       | 51.1          | 74.0          | 22.9       | H    |
| 2     | 4962.500   | 60.7            | -5.6       | 55.1          | 74.0          | 18.9       | H    |
| 3     | 5990.000   | 59.0            | -3.1       | 55.9          | 74.0          | 18.1       | H    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 3972.500   | 50.2            | -8.4       | 41.8          | 54.0          | 12.2       | H    |
| 2     | 4962.500   | 55.3            | -5.6       | 49.7          | 54.0          | 4.3        | H    |
| 3     | 5990.000   | 49.8            | -3.1       | 46.7          | 54.0          | 7.3        | H    |

|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1MHz-2480MHz              | Antenna Pol. | Vertical |



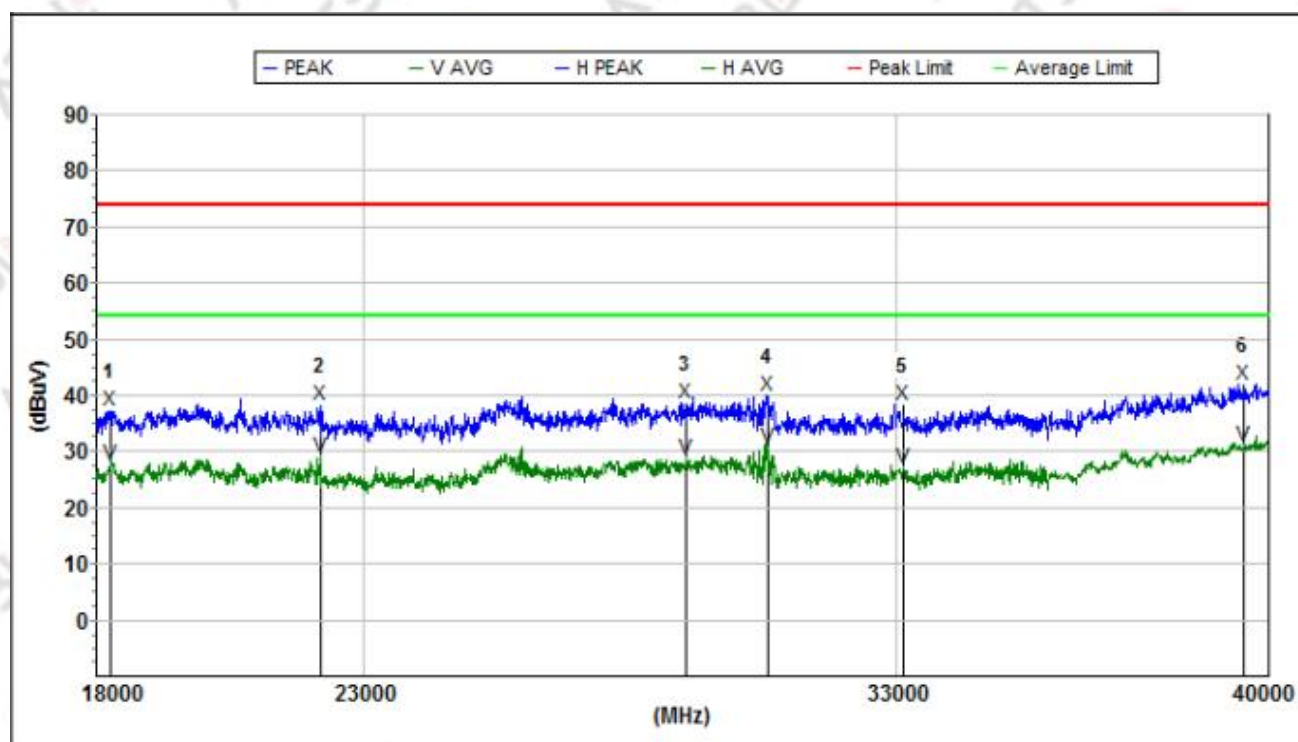
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 4170.000   | 59.3            | -5.2       | 54.1          | 74.0          | 19.9       | V    |
| 2     | 4962.500   | 59.1            | -4.2       | 54.9          | 74.0          | 19.1       | V    |
| 3     | 5990.000   | 58.0            | -1.1       | 56.9          | 74.0          | 17.1       | V    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 4170.000   | 50.4            | -5.2       | 45.2          | 54.0          | 8.8        | V    |
| 2     | 4962.500   | 53.5            | -4.2       | 49.3          | 54.0          | 4.7        | V    |
| 3     | 5990.000   | 49.3            | -1.1       | 48.2          | 54.0          | 5.8        | V    |

# 18GHz-40GHz:

Note:

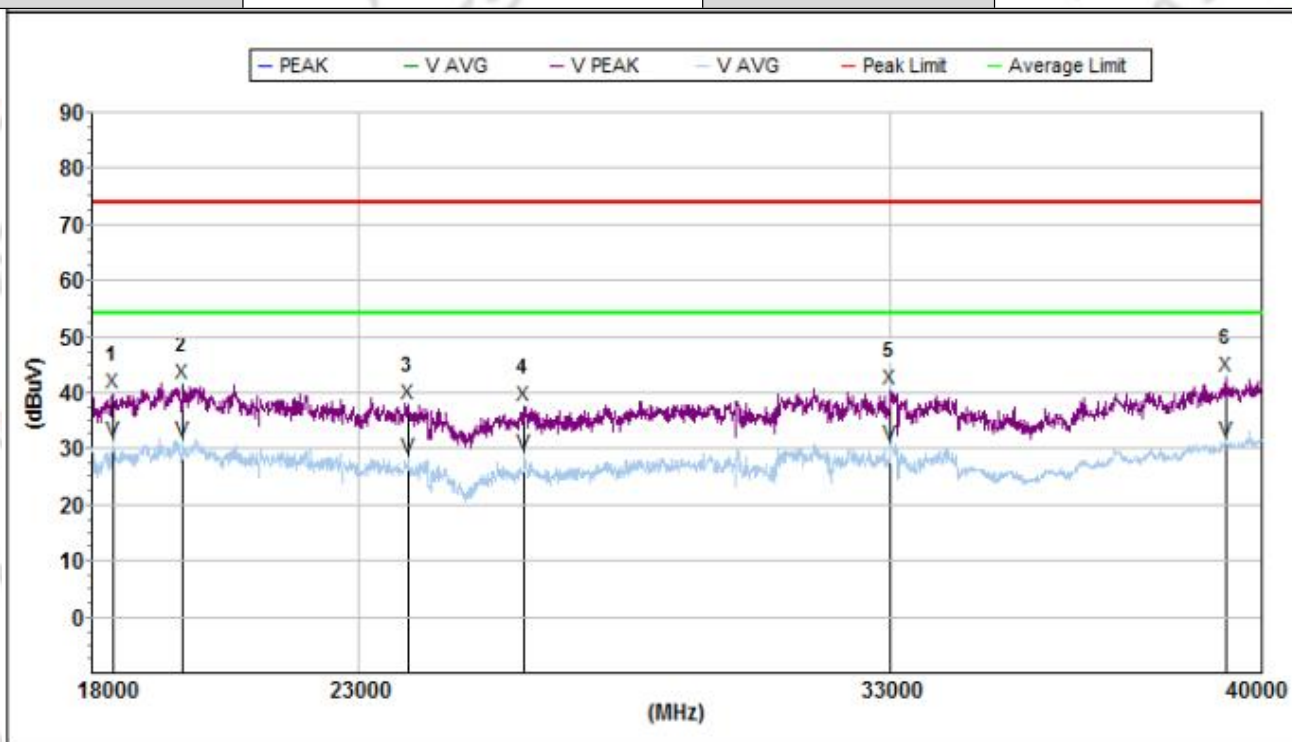
- 1.All modes have been tested, only worst (BLE\_1M-2440MHz )mode was recorded in the test report.
- 2.While performing the testing, the notch filter is used for avoiding test instrument overload.

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1M-2440MHz                | Antenna Pol. | Horizontal |



| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 18275.000  | 59.4            | -21.9      | 37.5          | 74.0          | 36.5       | H    |
| 2     | 22202.000  | 59.9            | -21.6      | 38.3          | 74.0          | 35.7       | H    |
| 3     | 29066.000  | 55.4            | -16.7      | 38.7          | 74.0          | 35.3       | H    |
| 4     | 30595.000  | 57.1            | -17.1      | 40.0          | 74.0          | 34.0       | H    |
| 5     | 33136.000  | 55.5            | -17.1      | 38.4          | 74.0          | 35.6       | H    |
| 6     | 39538.000  | 57.4            | -15.3      | 42.1          | 74.0          | 31.9       | H    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 18275.000  | 49.7            | -21.9      | 27.8          | 54.0          | 26.2       | H    |
| 2     | 22202.000  | 50.9            | -21.6      | 29.3          | 54.0          | 24.7       | H    |
| 3     | 29066.000  | 45.4            | -16.7      | 28.7          | 54.0          | 25.3       | H    |
| 4     | 30595.000  | 47.9            | -17.1      | 30.8          | 54.0          | 23.2       | H    |
| 5     | 33136.000  | 44.2            | -17.1      | 27.1          | 54.0          | 26.9       | H    |
| 6     | 39538.000  | 46.5            | -15.3      | 31.2          | 54.0          | 22.8       | H    |

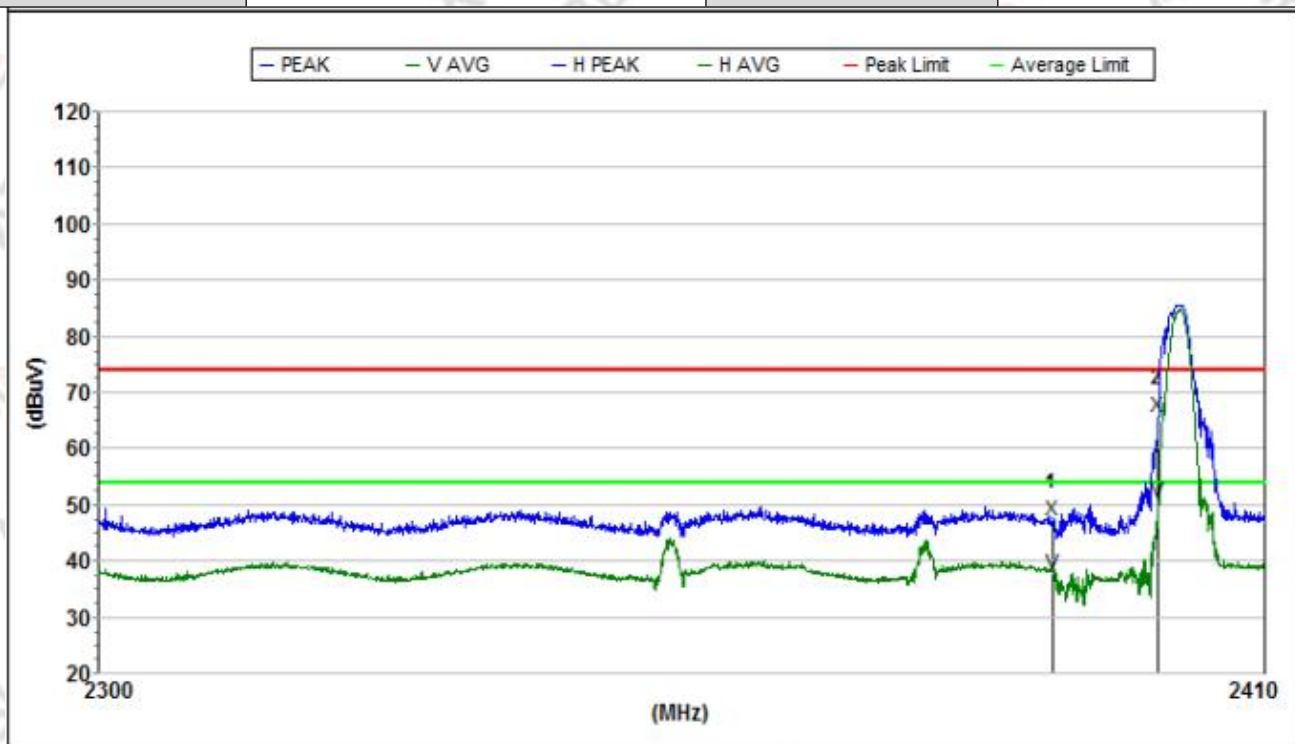
|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1M-2440MHz                | Antenna Pol. | Vertical |



| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 18407.000  | 57.0            | -16.9      | 40.1          | 74.0          | 33.9       | V    |
| 2     | 19705.000  | 58.0            | -16.4      | 41.6          | 74.0          | 32.4       | V    |
| 3     | 23951.000  | 54.4            | -16.4      | 38.0          | 74.0          | 36.0       | V    |
| 4     | 26140.000  | 55.2            | -17.6      | 37.6          | 74.0          | 36.4       | V    |
| 5     | 33015.000  | 57.2            | -16.5      | 40.7          | 74.0          | 33.3       | V    |
| 6     | 39340.000  | 58.1            | -15.3      | 42.8          | 74.0          | 31.2       | V    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 18407.000  | 48.2            | -16.9      | 31.3          | 54.0          | 22.7       | V    |
| 2     | 19705.000  | 47.8            | -16.4      | 31.4          | 54.0          | 22.6       | V    |
| 3     | 23951.000  | 44.9            | -16.4      | 28.5          | 54.0          | 25.5       | V    |
| 4     | 26140.000  | 46.8            | -17.6      | 29.2          | 54.0          | 24.8       | V    |
| 5     | 33015.000  | 47.3            | -16.5      | 30.8          | 54.0          | 23.2       | V    |
| 6     | 39340.000  | 46.9            | -15.3      | 31.6          | 54.0          | 22.4       | V    |

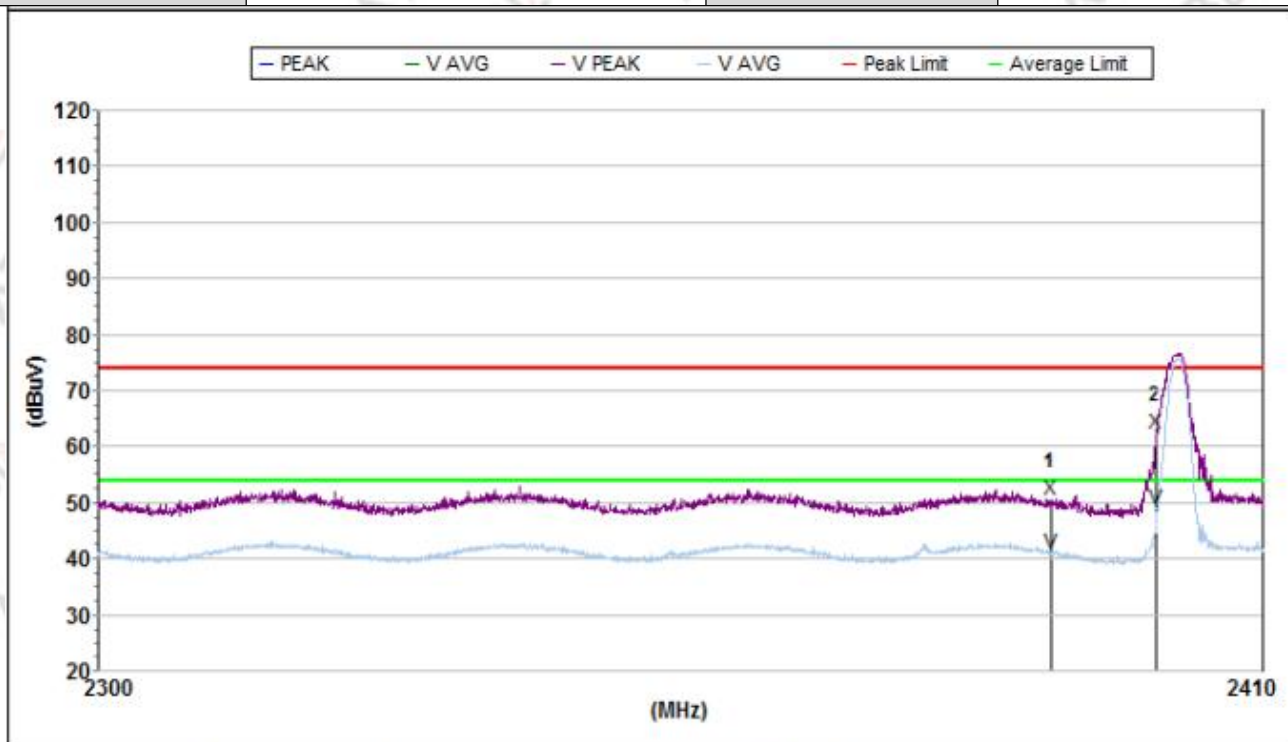
### Restricted Band:

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1M-2402MHz                | Antenna Pol. | Horizontal |



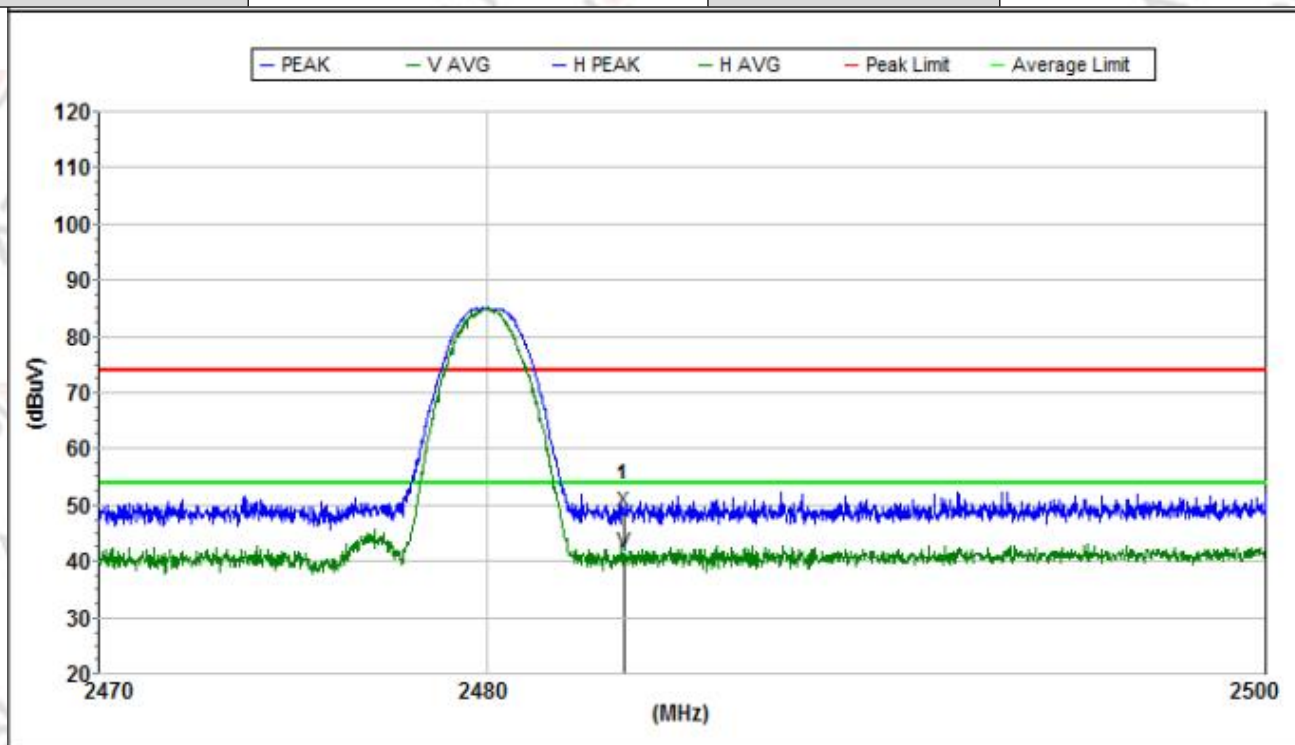
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 2390.000   | 61.4            | -14.2      | 47.2          | 74.0          | 26.8       | H    |
| 2     | 2400.000   | 80.0            | -14.2      | 65.8          | 74.0          | 8.2        | H    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 2390.000   | 52.0            | -14.2      | 37.8          | 54.0          | 16.2       | H    |
| 2     | 2400.000   | 64.9            | -14.2      | 50.7          | 54.0          | 3.3        | H    |

|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1M-2402MHz                | Antenna Pol. | Vertical |



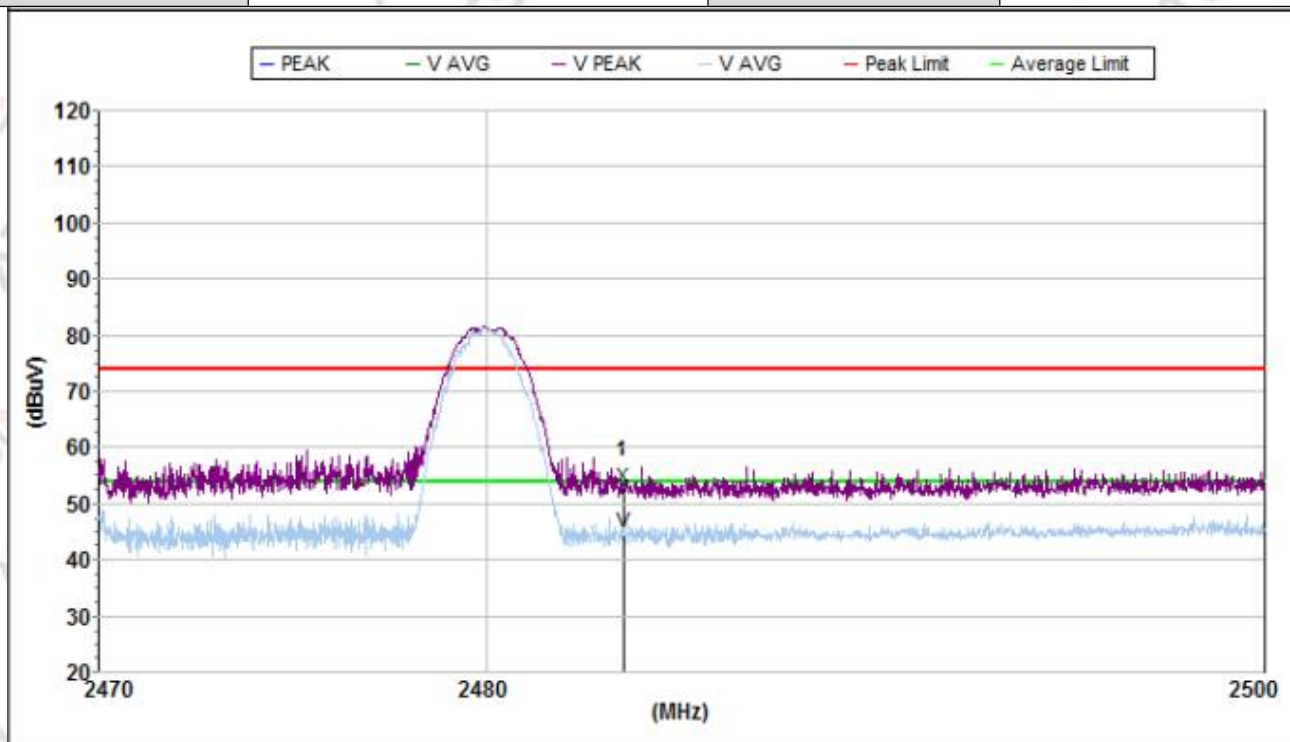
| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 2390.000   | 61.8            | -11.3      | 50.5          | 74.0          | 23.5       | V    |
| 2     | 2400.000   | 73.8            | -11.4      | 62.4          | 74.0          | 11.6       | V    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 2390.000   | 52.3            | -11.3      | 41.0          | 54.0          | 13.0       | V    |
| 2     | 2400.000   | 60.5            | -11.4      | 49.1          | 54.0          | 4.9        | V    |

|           |                               |              |            |
|-----------|-------------------------------|--------------|------------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293     |
| Test Mode | BLE-1M-2480MHz                | Antenna Pol. | Horizontal |



| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 2483.500   | 63.4            | -14.3      | 49.1          | 74.0          | 24.9       | H    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 2483.500   | 56.0            | -14.3      | 41.7          | 54.0          | 12.3       | H    |

|           |                               |              |          |
|-----------|-------------------------------|--------------|----------|
| EUT       | Acer Dual-Mode Wireless Mouse | Model Name   | OMR293   |
| Test Mode | BLE-1M-2480MHz                | Antenna Pol. | Vertical |



| Mk.   | Freq.(MHz) | Reading(dBuV/m) | Factor(dB) | Level(dBuV/m) | Limit(dBuV/m) | Margin(dB) | Pol. |
|-------|------------|-----------------|------------|---------------|---------------|------------|------|
| Peak: |            |                 |            |               |               |            |      |
| 1     | 2483.500   | 64.4            | -11.6      | 52.8          | 74.0          | 21.2       | V    |
| Avg   |            |                 |            |               |               |            |      |
| 1     | 2483.500   | 56.5            | -11.6      | 44.9          | 54.0          | 9.1        | V    |