

# FCC RF Exposure Report

**FCC ID: 2AAUCGMOTMF**

**Report No.** : BTL-FCCP-3-2005T126  
**Equipment** : Argent M5 Wireless RGB Gaming Mouse  
**Model Name** : GMO-TMF, GMO-TMF-HYOGBK-01, GMO-TMF-HYOGBK-11,  
GMO-TMF-HYOOWB-11, GMO-TMF-HYOGBK-04  
**Brand Name** : Thermaltake Technology Co., Ltd.  
**Applicant** : Thermaltake Technology Co., Ltd.  
**Address** : 5F., No.185, Sec.2, Tiding Blvd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

**FCC Rule Part(s)** : FCC Part 2, Subpart J (§2.1093)  
KDB 447498 D01 General RF Exposure Guidance v06

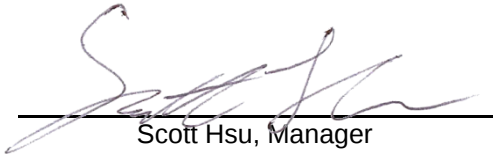
**Date of Receipt** : 2020/5/27  
**Date of Test** : 2020/5/27 ~ 2020/6/11  
**Issued Date** : 2020/6/16

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

**Prepared by**

  
Peter Chen, Engineer

**Approved by**

  
Scott Hsu, Manager

**BTL Inc.**

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan

Tel: +886-2-2657-3299

Fax: +886-2-2657-3331

Web: [www.newbtl.com](http://www.newbtl.com)

**REPORT ISSUED HISTORY**

| Report Version | Description     | Issued Date |
|----------------|-----------------|-------------|
| R00            | Original Issue. | 2020/6/16   |

## RF EXPOSURE

### Appendix A

#### *SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm*

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table. The equation and threshold in 4.3.1 must be applied to determine SAR test exclusion.

| MHz  | 5   | 10  | 15  | 20  | 25  | mm                                       |
|------|-----|-----|-----|-----|-----|------------------------------------------|
| 150  | 39  | 77  | 116 | 155 | 194 | <i>SAR Test Exclusion Threshold (mW)</i> |
| 300  | 27  | 55  | 82  | 110 | 137 |                                          |
| 450  | 22  | 45  | 67  | 89  | 112 |                                          |
| 835  | 16  | 33  | 49  | 66  | 82  |                                          |
| 900  | 16  | 32  | 47  | 63  | 79  |                                          |
| 1500 | 12  | 24  | 37  | 49  | 61  |                                          |
| 1900 | 11  | 22  | 33  | 44  | 54  |                                          |
| 2450 | 10  | 19  | 29  | 38  | 48  |                                          |
| 3600 | 8   | 16  | 24  | 32  | 40  |                                          |
| 5200 | 7   | 13  | 20  | 26  | 33  |                                          |
| 5400 | 6   | 13  | 19  | 26  | 32  |                                          |
| 5800 | 6   | 12  | 19  | 25  | 31  |                                          |
| MHz  | 30  | 35  | 40  | 45  | 50  | mm                                       |
| 150  | 232 | 271 | 310 | 349 | 387 | <i>SAR Test Exclusion Threshold (mW)</i> |
| 300  | 164 | 192 | 219 | 246 | 274 |                                          |
| 450  | 134 | 157 | 179 | 201 | 224 |                                          |
| 835  | 98  | 115 | 131 | 148 | 164 |                                          |
| 900  | 95  | 111 | 126 | 142 | 158 |                                          |
| 1500 | 73  | 86  | 98  | 110 | 122 |                                          |
| 1900 | 65  | 76  | 87  | 98  | 109 |                                          |
| 2450 | 57  | 67  | 77  | 86  | 96  |                                          |
| 3600 | 47  | 55  | 63  | 71  | 79  |                                          |
| 5200 | 39  | 46  | 53  | 59  | 66  |                                          |
| 5400 | 39  | 45  | 52  | 58  | 65  |                                          |
| 5800 | 37  | 44  | 50  | 56  | 62  |                                          |

**Note:** 10-g Extremity SAR Test Exclusion Power Thresholds are 2.5 times higher than the 1-g *SAR Test Exclusion Thresholds* indicated above. These thresholds do not apply, by extrapolation or other means, to occupational exposure limits.

Table for Filed Antenna

| Ant. | Brand | Test Model   | Antenna Type | Connector | Gain (dBi) |
|------|-------|--------------|--------------|-----------|------------|
| 1    | N/A   | mouse_Ant_#2 | PCB          | N/A       | 3.41       |

**TEST RESULTS**

For BLE:

| Frequency<br>(MHz) | Average Power<br>(dBm) | Average Power<br>(mW) | Distance<br>(mm) | Limit<br>(mW) | Test Result |
|--------------------|------------------------|-----------------------|------------------|---------------|-------------|
| 2480               | 5.00                   | 3.1623                | 5                | 10            | Complies    |

For SRD:

| Frequency<br>(MHz) | Average Power<br>(dBm) | Average Power<br>(mW) | Distance<br>(mm) | Limit<br>(mW) | Test Result |
|--------------------|------------------------|-----------------------|------------------|---------------|-------------|
| 2480               | 5.00                   | 3.1623                | 5                | 10            | Complies    |

**CONCLUSION****No SAR evaluation required since transmitter power is below FCC threshold.****End of Test Report**