

## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

Product Description	Mouse
Model Name	TM-002, TM-001, TM-003 , TM-005 , TM-006, TM-008, TM-009 , TM-010, TM-011, TM-012, TM-013, TM-014 , TM-015, TM-204, TM-205, TM-206, TM-207 , TM-208, TM-209, TM-210, TM-212, TM-213, TM-214, TM-215, TM-216
FCC ID	2AW3GTM-002

### 2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

Where  $f(\text{GHz})$  is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

### 3. CALCULATION

$P_t = -4.047\text{dBm} = 0.39\text{mW}$

The value of the Maximum output power  $P_t$  is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation  $\text{SAR} = (0.39\text{mW} / 5\text{mm}) \cdot [\sqrt{2.40365\text{GHz}}] = 0.12 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

### 4. CONCLUSION

The SAR evaluation is not required.