

RF Exposure Evaluation

FCC ID:2BS2D-M800

Report No..... : ZHT-251015103W01-3

Product..... : mouse

Trademark..... : holysword

Model(s)..... : M800
M810

Model Difference..... : M800 is tested model, other models are derivative models .The models are identical in circuit, only different on the model names and shape. So the test data of M800 can represent the remaining models.

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Date of Receipt..... : Oct. 15, 2025

Date of Test(s)..... : Oct. 15, 2025 to Oct. 27, 2025

Date of Issue..... : Oct. 27, 2025

Test Standard(s)..... : KDB 447498 D01 General RF Exposure Guidance v06

In the configuration tested, the EUT complied with the standards specified above.

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Table of Contents

Page

1. VERSION	3
2. RF EXPOSURE EVALUATION	4

1. VERSION

Report No.	Issue Date	Description	Approved
ZHT-251015103W01-3	Oct. 27, 2025	Original	Valid

2. RF EXPOSURE EVALUATION

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093, Unless specifically required by the *published RF exposure KDB procedures*, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding *SAR Test Exclusion Threshold* condition(s), listed below, is (are) satisfied.

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0$ for 1-g SAR, and ≤ 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 The result is rounded to one decimal place for comparison

Here,

For Bluetooth, 2.4G

Mode	Max Power (dBm)	Tune-up power (dBm)	Max Power (mW)	Frequency(MHz)	Min. Distance (mm)	Calc. thresholds	limit
2.4G	-5.66	-5 $\pm$ 1	0.40	2402	5	0.1234	3.0
BLE	-5.64	-5 $\pm$ 1	0.40	2402	5	0.1234	3.0

So a SAR test is not required.