FCC RF Exposure

EUT Description: Wireless mouse

Model No.: M7008

FCC ID: 2ADQY-180795MS

1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤50 mm are determined by:

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

Where:

Result=P/D*√F

F= the RF channel transmit frequency in GHz

P=Maximum turn-up power in mw

D=Min. test separation distance in mm

2. Test Result of RF Exposure Evaluation

EIRP(dBm)=101.04(dBuV/m)-95.2=5.84(dBm)

Frequency (MHz)	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separati on distance mm	Result	Limit	SAR Test Exclusion
2480	5.84	5±1(6)	3.981	5	1.254	3.0	Pass

Note:

PK Output power= conducted power.

Conducted power see the test report HK2408194737-E, antenna gain=-4.62dBi

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 1.254 which is <= 3, SAR testing is not required.

Note: Exclusion Thresholds Results=[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}]$

f(GHz) is the RF channel transmit frequency in GHz

Distance=5mm