

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No. : CN24BFYU 002
Test Specification
Test item : Incase Modern Mobile Mouse
Identification / Type No. : OB1679
FCC ID : 2BCOY-OB1679
IC : 32736-OB1679
HVIN : OB1679
Test standard : CFR47 FCC Part 2: Section 2.1093
FCC KDB Publication 447498 v06
RSS-102 Issue 6 December 15, 2023

Measurement Record:

The minimum distance for the EUT is less than 5mm.

For FCC:

Since maximum peak output power of the transmitter is $0.94 \text{ dBm} \approx 1.24 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.68 \text{ mW}$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

For IC:

The higher of the maximum e.i.r.p. and conducted power of the transmitter is $3.78 \text{ dBm} \approx 2.39 \text{ mW}$, which is below the SAR exclusion threshold level for limb-worn devices $7.5 \text{ mW} \approx 8.75 \text{ dBm}$.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 6.3 of RSS-102 Issue 6.