

6 Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	Incase Bluetooth Mouse
Identification / Type No.	OB1929
FCC ID	2BCOY-OB1929
IC	32736-OB1929
HVIN	OB1929
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 2.25 dBm $\approx 1.68 \text{ mW}$ $< \frac{3 \cdot d}{\sqrt{f}} = 9.68 \text{ mW}$.

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. or conducted power of the transmitter is 4.55 dBm $\approx 2.85 \text{ mW}$, which is below the SAR exclusion threshold level 3 mW $\approx 4.77 \text{ dBm}$.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.