

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No.	: CN25WZ02 002
Test Specification	
Test item	: Dongle
Identification / Type No.	: OB1461
FCC ID	: 2BCOY-OB1461
IC	: 32736-OB1461
HVIN	: OB1461
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 $0.37 \text{ dBm} \approx 1.09 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.68 \text{ mW}$.

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 $0.37 \text{ dBm} \approx 1.09 \text{ mW}$, which is below the SAR exclusion threshold level $3 \text{ mW} \approx 4.77 \text{ dBm}$.

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