

# Safety Human Exposure

## 1.1 Radio Frequency Exposure Compliance

### 1.1.1 Electromagnetic Fields

RESULT:

Pass

**Report No.** : CN242B9V 002  
**Test Specification**  
Test item : Dongle  
Identification / Type No. : OB1636  
FCC ID : 2BCOY-OB1636  
IC : 32736-OB1636  
HVIN : OB1636  
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  $-9.93 \text{ dBm} \approx 0.10 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.52 \text{ mW}$ .

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  $-9.93 \text{ dBm} \approx 0.10 \text{ mW}$ , 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 2.5.1 of RSS-102 Issue 6.