

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No.	: CN24T40Q 002
Test Specification	
Test item	: Modern Wireless Headset
Identification / Type No.	: OB1998
FCC ID	: 2BCOY-OB1998
IC	: 32736-OB1998
HVIN	: OB1531
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 4.30 dBm ≈ 2.69 mW $< \frac{3 \cdot d}{\sqrt{f}} = 9.68$ 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 4.30 dBm ≈ 2.69 mW, which is below the SAR exclusion threshold level for limb-worn devices 3 mW ≈ 4.77 dBm.

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