

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: Dual-Ribbon Driver Wireless Headphones
Identification / Type No.	: SE-1
FCC ID	: 2BBOY-SE-1
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = 6.43dBm + 2.5dBi = 8.93dBm$
Since maximum peak output power of the transmitter is $8.93dBm \approx 7.82mW < 10mW$.

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