

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	:	Bluetooth Headset
Identification / Type No.	:	K23
FCC ID	:	2BD56-K23
Test standard	:	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[\text{dBm}] = \text{maximum peak output} + \text{antenna Gain} = -0.25\text{dBm} + 1.2\text{dBi} = 0.95\text{dBm}$
Since maximum peak output power of the transmitter is 0.95 dBm $\approx 1.24\text{mW} < 10\text{mW}$.

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