

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	:	4 BUTTON KEY FOB
Identification / Type No.	:	R009V
FCC ID	:	2BDX6-R009V
Test standard	:	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$$\text{EIRP[dBm]} = \text{E[dBv/m]} - 95.2 = 69.38 - 95.2 = -25.82 \text{ dBm}$$

Since maximum peak output power of the transmitter is -25.82 dBm $\approx 0.003\text{mW} < 22\text{mW}$.

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