

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:

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

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

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