

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: 5 BUTTONS TREK FOB
Identification / Type No.	: R005V
FCC ID	: 2BDX6-R005V
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[dBm] = E[dBuV/m] - 95.2 = 72.36 - 95.2 = -22.84 \text{ dBm}$

Since maximum peak output power of the transmitter is $-22.84 \text{ dBm} \approx 0.005 \text{ mW} < 22 \text{ mW}$.

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