

# Radio frequency radiation exposure evaluation: portable devices

## 1.1 Radio Frequency Exposure Compliance

### 1.1.1 Electromagnetic Fields

RESULT:

Pass

#### Test Specification

Test item	: TREK KEYLESS ENTRY HANDLE
Identification / Type No.	: R100V
FCC ID	: 2BDX6-R100V
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

#### Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = 0.35dBm + 1.49dBi = 1.84dBm$   
Since maximum peak output power of the transmitter is 1.84 dBm  $\approx 1.53mW < 10mW$ .

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