

# Radio frequency radiation exposure evaluation: portable devices

## 1.1.1 Electromagnetic Fields

RESULT:

Pass

### Test Specification

Test item	:Smart Lock UD01S
Identification / Type No.	: UD01S,UD12F,UD12S,UD61F,UD81F
FCC ID	: 2BDFM-UD01S
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

### Measurement Record:

$EIRP[dBm] = \text{Conducted Peak Output Power} + \text{antenna gain} = 0.01 + 1.05 = 1.06dBm$   
Since maximum peak output power of the transmitter is  $1.06dBm \approx 1.28mW < 10mW$ .

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