

# Radio frequency radiation exposure evaluation: portable devices

## 1.1 Radio Frequency Exposure Compliance

### 1.1.1 Electromagnetic Fields

RESULT:

Pass

#### Test Specification

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Test item                 | : Dongguan Faraoou Electric Appliance Co., Ltd                       |
| Identification / Type No. | : FS-R206                                                            |
| FCC ID                    | : 2BF3S-FS-R206                                                      |
| Test standard             | : CFR47 FCC Part 2: Section 2.1093<br>FCC KDB Publication 447498 v06 |

#### Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = 0.40dBm - 0.58dBi = -0.18dBm$   
Since maximum peak output power of the transmitter is  $-0.18 dBm \approx 0.96mW < 10mW$ .

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