

# Safety Human Exposure

## 1.1 Radio Frequency Exposure Compliance

### 1.1.1 Electromagnetic Fields

RESULT:

Pass

**Report No.** : CN21QZDS 002

**Test Specification**

Test item : Lithium-Ion Jump-Starter

Identification / Type No. : DRLJS180B

FCC ID : 2ATTPDRLJS180B

IC : 25201-DRLJS180B

HVIN : DRLJS180B

Test standard : CFR47 FCC Part 2: Section 2.1093

CFR47 FCC Part 1: Section 1.1310

FCC KDB Publication 447498 v06

RSS-102 Issue 5 February 2015

#### Measurement Record:

The minimum distance for the EUT is less than 5mm.

#### For FCC:

Since maximum peak output power of the transmitter is  $2.75 \text{ dBm} \approx 1.88 \text{ mW} < \frac{3^*d}{\sqrt{f}} = 9.52 \text{ mW}$ .

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

#### For IC:

The max. average conducted output power is 2.75dBm and e.i.r.p. of the transmitter is 5.25 dBm (3.35 mW), which is below the SAR exclusion threshold level 4 mW.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.