

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 dBm $\approx 1.88 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.52 \text{ mW}$.

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.