

# FCC RF Exposure

EUT Description: RFID Reader Module

Model No.: JY-LD6900

FCC ID: 2BGFT-JY-LD6900

## 1. Limits

Per § 1.1307 (b)(3)(i)(A) For single RF sources (*i.e.*, any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:

(A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

## 2. Test Result of RF Exposure Evaluation

134.8KHz:

$$\text{EIRP(dBm)}=62.24(\text{dBuV/m})-95.2= -32.96\text{dBm}$$

Frequency (KHz)	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power (dBm/mW)	Limit (mW)	SAR Test Exclusion
134.8	-32.96	-33±1	-32/0.00063	1.0	Pass

Per § 1.1307 (b)(3)(i)(A), The test exclusion threshold is 0.00063mW which is <= 1mW, RF Exposure testing is not required.