

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test item	:	PARASOLL Open/Close Sensor
Identification / Type No.	:	E2013
FCC ID	:	FHO-E2013
IC	:	10912A-E2013
Test standard	:	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06 RSS-102 Issue 5 February 2021

Measurement Record:

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

For FCC:

Since average output power of the transmitter is 1.7 dBm $\approx 1.48 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.59 \text{ mW}$.

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

For IC:

The average output power of the transmitter is 5.74 dBm $\approx (3.75 \text{ mW})$, which is below the SAR exclusion threshold level 4 mW $\approx 6.02 \text{ dBm}$.

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