

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: Wireless dimmer, Blinds remote, Shortcut button
Identification / Type No.	: E2201, E2211, E2213
FCC ID	: FHO-E2201
IC	: 10912A-E2201
HVIN	: E2201, E2211, E2213
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 maximum peak output power of the transmitter is 2.76 dBm = 1.89 mW $< \frac{3*d}{\sqrt{f}} = 9.52$ mW.

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

For IC:

The maximum output power of the transmitter is 2.76 dBm = (1.89 mW), which is below the SAR exclusion threshold level 4 mW = 6.02 dBm.

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