

Applicant: Hisense Electric Co., Ltd.
Product Name: REMOTE CONTROL
Model Number: ERF2*60, ERF2*60*
FCC ID: W9HBRCB0009

RADIO FREQUENCY EXPOSURE COMPLIANCE RESULT:

Test Standard: FCC KDB Publication 447498 D01 V06 Clause 4.3.1 :

For 100 MHz to 6 GHz and *test separation distances* \leq 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation³¹
- The result is rounded to one decimal place for comparison
- The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is $<$ 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

Calculation Result:

For EUT:

max. power of channel, including tune-up tolerance = 1.11mW

min. test separation distance = 5mm

$\sqrt{f(\text{GHz})} = 1.55$

The test result is $0.3441 < 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01: General RF Exposure Guidance V06.