

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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [f(\text{GHz})] \leq 3.0$  for 1-g SAR, and  $\leq 7.5$  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 calculation<sup>31</sup>
- 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

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

The test result is  $0.3441 < 3.0$  for 1-g SAR, and  $\leq 7.5$  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.