

Applicant: Hisense Visual Technology Co., Ltd.

Product Name: REMOTE CONTROL

Model Number: ERF3A90, ERF3*90*

FCC ID: 2AVIGBR0002

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* ≤ 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 ≤ 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 ≤ 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 = 3.72mW

min. test separation distance = 5mm

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

The test result is $1.1528 < 3.0$ 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.