

Statement of compliance to SAR

No. 180502250SHA-002

Applicant : Shanghai Ruipai Intelligent Technology Co., Ltd.
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District, Shanghai, China

Product Name : Selfie Stick

Type/Model : X-CAM T3

According to KDB 447498D01(v06), the following exclusion for portable devices:

The 1g and 10g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances $\leq 50\text{mm}$ are determined by:

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

Where:

- f (GHz) is the RF channel transmit frequency in GHz;
- Power and distance are rounded to the nearest mW and mm before calculation;
- The result is rounded to one decimal place for comparison;

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 < 15 mm, a distance of 15 mm is applied to determine SAR test exclusion.

According the Test Report 180502250SHA-001,

Frequency (MHz)	Maximum Radiated Power(dBuV/m@3m)	Maximum peak output power (dBm)	Output power(mW)
2402	93.20	-2.00	0.63
2440	92.50	-2.70	0.54
2480	92.60	-2.60	0.55

Distance = 5 mm (minimum separation distance: 5 mm was used in the calculation)

Result:

$(0.63/5) \cdot \sqrt{2.402} = 0.195 < 3.0$

$(0.54/5) \cdot \sqrt{2.440} = 0.169 < 3.0$

$(0.55/5) \cdot \sqrt{2.480} = 0.173 < 3.0$

Conclusion:

The SAR requirement is deemed to be satisfied without test.

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