

Statement of compliance to SAR No. 160802628SHA-002

Applicant : ISKN

52 cours Jean Jaurès. 38000 Grenoble. FRANCE

Product Name : the Slate

Type/Model : TS2E1

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 ≤ 50 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:

- $f(\text{GHz})$ 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 < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

According the Test Report 160802628SHA-001:

Maximum transmitter power:

Frequency (MHz)	Maximum Radiated Power(dBuV/m)	Maximum peak output power (dBm)	Output power(mW)
2402	97.54	2.34	1.71
2440	97.62	2.42	1.75
2480	99.55	4.35	2.72

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

Result:

$$(1.71/5) \cdot \sqrt{2.402} = 0.530 < 3.0$$

$$(1.75/5) \cdot \sqrt{2.440} = 0.546 < 3.0$$

$$(2.72/5) \cdot \sqrt{2.480} = 0.857 < 3.0$$

Conclusion:

The SAR requirement is deemed to be satisfied without test.