

RF Exposure Compliance Requirement

Model no.: SC1000

The product belongs to **standalone portable device** base the FCC rule part 2.1091&2.1093. The transmission frequencies of the device are between 100 MHz and 6 GHz. The worst case test separation distance is **5mm**.

The Max Conducted Output Power and SAR Test Exclusion Threshold (mW) are listed below:

Transmit frequency (GHz)	Max Conducted Output Power (mW)	SAR Test Exclusion Threshold (mW)
2.402	1.58	9.7

Remark: The max conducted output power is calculated by the value declared by the manufacturer.

The SAR Test Exclusion Threshold is calculated from:

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

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

According to SAR Exclusion Threshold in KDB 447498 (D01) General RF Exposure Guidance v05, the SAR report is not required.

Test Location:

All tests were performed at:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Room102/104, No 203, KeZhu Road, Science City, GETDD Guangzhou, China