

1 RF Exposure Requirements

1.1 General Description of E.U.T

Product Name : Bluetooth Key Finder
Model No. : SP-M-01, XEX6-0101-PP3, MEX6-1001-BLK, XEX6-0101-BLK
FCC ID : 2AVRW-SPM01
Rated Voltage : Battery 3V

1.2 Requirements

Test Requirement : FCC Part 1.1307
Test Method : FCC Part2.1093 & KDB 447498 D01 General RF Exposure Guidance v06

According to the KDB 447498 D01 v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 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,16 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

1.3 Results

Conducted Power (dBm)	Max. Power (mW)	Distance (mm)	Frequency (GHz)	Result	Limit
3.730	2.360	5	2.480	0.74	3

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

The exclusion thresholds is less than 3, therefore, the RF exposure evaluation is not required.

=====End of Report=====