

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 Part 2.1093 & 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 ≤ 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=====