

SAR Test Exclusion

Equipment under test: Sensor SENTROKE
 FCC ID: 2AR3427M00001EN
 Test report reference: RRA-100-18-102905-2-A Ed 1

SAR Test Exclusion calculation

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

Where: power (mW)
 Distance (mm)

Calculation:

(Calculated for max power)

Max power -3.5 dBm (0.447mW) for f=2480 MHz

Calculated at distance ≤ 50 mm:

SAR Test Exclusion = 0.014mW

Limit: 96 mW

see table Appendix A of 447498 D01 General RF Exposure Guidance v06

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