

SAR test exclusion

According to KDB 447498 D01 General RF Exposure Guidance v06, section 4.3.1

At 100 MHz to 6 GHz and for test separation distances \leq 50 mm, the SAR test exclusion threshold is determined according to the following;

$$a) [(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] \times [\sqrt{f(GHz)}] \leq 3.0$$

1. SAR test exclusion threshold

Frequency : 2402 MHz (min. separation distances = 5 mm)

$$\text{SAR test exclusion thresholds}(5 \text{ mm}) = [(2.723 / 5) * \sqrt{2.440}] = 0.85 < 3.0.$$

Mode	Frequency (MHz)	Measured max output Power (mW)	Separation Distance (mm)	≤ 3.0
Bluetooth	2440	2.723	5	0.85

2. Conclusion : Bluetooth SAR was not required