

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 ≤ 50 mm, the SAR test exclusion threshold is determined according to the following;

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

1. SAR test exclusion threshold

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

SAR test exclusion thresholds(5 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