

SAR test exclusion

FCC ID: X59-BA-110-IR

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

1. SAR test exclusion threshold

Frequency : 2 402 MHz (min. separation distances = 5 mm)

SAR test exclusion thresholds(6 mm) = $\left[\frac{1.15}{5} \times \sqrt{2.402} \right] = 0.356 \leq 3.0$.

Mode	Frequency (MHz)	Maximum Allowed Power (mW)	Separation Distance (mm)	≤ 3.0
Bluetooth	2 402	1.15	5	0.356

2. Conclusion : Bluetooth SAR was not required