



FCC ID: 2ATXZ-AKEM11SW

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 $\leq 50\text{mm}$, the SAR test exclusion threshold is determined according to the following

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

1. SAR test exclusion threshold

Frequency: 2 442 MHz (min. separation distances = 5 mm)

SAR test exclusion thresholds (5 mm) = $3 \times 5 / (\sqrt{2.442}) = 9.599 \text{ mW}$

Max. Tune-up Tolerance (mW)	SAR Test Exclusion Thresholds (5mm) (mW)
3.55	9.599

Calculation value : $3.55 (\text{mW}) / 5 (\text{mm}) \times \sqrt{2.442} = 1.11$

So, Calculation value ≤ 3.0

Remark:

-For 2.4GHz RF Max. conducted power is 3.55(mW) close to 4.0 (mW), so 4.0 (mW) was calculated.

-When the minimum test separation distance is $< 5 \text{ mm}$, a distance of 5 mm is applied to determine SAR test exclusion.

2. Conclusion: No SAR is required.