



FCC ID: 2BCKVBH23823

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

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

1. SAR test exclusion threshold

Frequency: 2470 MHz, test separation distances = 5 mm.

SAR test exclusion thresholds (5 mm) = $3 \times 5 / (\sqrt{2.470}) = 9.13 \text{ mW}$

Max. Tune-up Tolerance (mW)	SAR Test Exclusion Thresholds (mW)
1	9.13

Calculation Value: $1 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.470} = 0.33$

So, Calculation value ≤ 3.0

Remark:

-Based on field strength 93.76 dBuV/m at 3m transmit power(eirp) of the device was calculated as 0.72 mW using free space formula.

-Max. power 0.72 mW is closest 1 mW, so 1 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.