

FCC ID : ZNFPBSC510

According to KDB 447498 D01 General RF Exposure Guidance v05, 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

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

1. SAR test exclusion threshold

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

SAR test exclusion thresholds(5 mm) = $3 \times 5 / (\sqrt{2.402}) = 9.678$ mW

Max. tune-up tolerance(mW)	SAR Test Exclusion Thresholds(5 mm) (mW)
6	9.678

Calculation value : $6 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.402} = 1.860$
So, Calculation value ≤ 3.0

Remark:

- Max. conducted power (mW) : maximum tolerance power of EUT (7.5 dBm)
- Max. conducted power 5.6 (mW) is closet 6 (mW), so 6 (mW) was calculated.

2. Conclusion : No SAR is required.