

## FCC ID : ZNFBHBS780

According to KDB 447498 D01 General RF Exposure Guidance

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 : 2 480 MHz (min. separation distances = 0 mm)

SAR test exclusion thresholds(5 mm) =  $3 \times 5 / \sqrt{2.480} = 9.525 \text{ mW}$

Max. tune-up tolerance(mW)	SAR Test Exclusion Thresholds(5 mm) (mW)
2	9.525

Calculation value :  $2 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 0.63$

So, Calculation value  $\leq$  3.0

Remark:

- Max. conducted power (mW) : maximum tolerance power of EUT (2.5 dBm)
- Max. conducted power 1.78 (mW) is closest 2 (mW), so 2 (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.