

## FCC ID : 2AD5K-PWB100

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*  $\leq 50$  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 : 2 480 MHz** (min. separation distances = 5 mm)

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

Max. tune-up tolerance(mW)	SAR Test Exclusion Thresholds(5 mm) (mW)
1	3.175

Calculation value :  $1 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 0.315$

So, Calculation value  $\leq 3.0$

Remark:

-Max. conducted power (mW) : maximum tolerance power of EUT (0 dBm)

-Max. conducted power 1 (mW) is closet 1 (mW), so 1 (mW) was calculated.

### 2. Conclusion : No SAR is required.