

## FCC ID: 2ATYAD715-BTWT

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

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

### 1. SAR test exclusion threshold

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

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

Max. tune-up tolerance (mW)	SAR Test Exclusion Thresholds (5 mm) (mW)
1	9.525

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 (-5.5 dBm)
- Max. conducted power 0.282 (mW) is less than 1 (mW), so 1 (mW) was calculated.
- When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

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