



FCC ID: **2ATGI-AIRBTN10L**

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  $\leq$  50mm, 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 = 5 mm)**

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

| Test mode | Max. Tune-up Tolerance (mW) | SAR Test Exclusion Thresholds (5mm) (mW) |
|-----------|-----------------------------|--|
| BT        | 5.012                       | 9.525                                    |

Calculation value :  $5.012 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 1.579$

So, Calculation value  $\leq 3.0$

Remark:

-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.**