

## **FCC ID: 2AQNN-SBM-S100U**

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)**

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

So, Calculation value  $\leq 3.0$

Remark:

-Radiated field strength 90.04 dB $\mu$ V : Maximum E.I.R.P. of EUT -5.19 dBm

-Max. E.I.R.P. 0.303 (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.**