

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

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

1. SAR test exclusion threshold

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

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 μ 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.