

FCC ID : 2AD74RWL-100

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* ≤ 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 = 5 mm)

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

Max. tune-up tolerance(mW)	SAR Test Exclusion Thresholds(5 mm) (mW)
10	9.525

$$\text{Calculation value : } 10 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 1.27$$

So, Calculation value ≤ 3.0

Remark:

-Max. conducted power (mW) : maximum tolerance power of EUT (10 dBm, 10 mW)

2. Conclusion : No SAR is required.