



FCC ID: 2ARQG-ML0101

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  $\leq 50$  mm, the SAR test exclusion threshold is determined according to the following

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

$$\times [\sqrt{f(\text{GHz})}] \leq 3.0$$

#### 1. SAR test exclusion threshold

**Frequency: 2.402GHz (min. separation distances = 5 mm)**

SAR test exclusion thresholds (5 mm) =  $3 \times 5 / (\sqrt{2.402}) = 9.678\text{mW}$

Max. Tune-up Tolerance (mW)	SAR Test Exclusion Thresholds (5mm) (mW)
1.12	9.678

Calculation Value:  $2.0 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 0.630$

So, Calculation value  $\leq 3.0$

Remark:

-Max. conducted power 1.12 (mW) is closet 2.0 (mW), so 2.0 (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.**