



FCC ID: 2ALRV-DT2111

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

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

#### **1. SAR test exclusion threshold**

**Frequency: 2480MHz (min. separation distances = 5 mm)**

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 (5mm) (mW)
4	9.525

Calculation Value:  $4 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 1.26$

So, Calculation value  $\leq 3.0$

Remark:

-Max. conducted power 3.89 mW is closest 4 mW, so 4 mW was calculated.

-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.**