



FCC ID: 2AB7X-WPC3V1

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: 2480MHz (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 (5mm) (mW) |
|-----------------------------|------------------------------------------|
| 2                           | 9.525                                    |

$$\text{Calculation Value: } 2 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.480} = 0.63$$

So, Calculation value  $\leq 3.0$

Remark:

-Max. conducted power 1.58 mW is closet 2 mW, so 2 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.**