

FCC ID : YZP-RBFAC21XX

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

$$a) \left[\frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{min. test separation distance, mm}} \right] \times \left[\sqrt{f_{\text{GHz}}} \right] \leq 3.0$$

1. SAR test exclusion threshold

Frequency: 2 441 MHz (min. separation distances = 5 mm)

SAR test exclusion thresholds(5 mm) = $(3 \times 5) / \sqrt{2.441} = 9.60$ mW

Max. conducted power(mW)	SAR Test Exclusion Thresholds(5 mm) (mW)
1.58	9.60

Calculation value: $2.0 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.441} = 0.62$
So, Calculation value ≤ 3.0

Remark

-Max. conducted power (mW): maximum tolerance power of EUT (2 dBm)

-Max. conducted power 1.58 (mW) is closest 2.0 (mW), so 2.0 (mW) was calculated.

2. Conclusion : No SAR is required.