



FCC ID: APILIVE650BTNC

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 ≤ 50 mm, the SAR test exclusion threshold is determined according to the following

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

1. SAR test exclusion threshold

Frequency: 2 480MHz (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)
1.78	9.525

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

So, Calculation value ≤ 0.62

Remark:

-Max. conducted power 1.78 (mW) is closet 2.00 (mW), so 2.00 (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.