



FCC ID: SVN-TPC-MYZMNH

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

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

1. SAR test exclusion threshold

Frequency: 2462MHz (min. separation distances = 5 mm)

$$\text{SAR test exclusion thresholds (5 mm)} = 3 \times 5 / (\sqrt{2.462}) = 9.56 \text{ mW}$$

2.4GHz Wi-Fi Worst Case			
Max. Tune-up Tolerance(dBm)	Max. Tune-up Tolerance(mW)	Calculation Value (mW)	SAR Test Exclusion Thresholds (5mm) (mW)
8.0	6.31	1.98	9.56

The Max. conducted power is 7.67dBm, the Max. tune-up tolerance is 8 dBm. The Calculation Value: $6.31 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{2.462} = 1.98\text{mW}$

Remark:

-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.