

FCC ID: TQ8-RKE-4F40

According to KDB 447498 D01 General RF Exposure Guidance

At 100 MHz to 6 GHz and for test separation distances ≤ 50 mm, the SAR test exclusion threshold is determined according to the following

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

1. SAR test exclusion threshold

Frequency : 433.92 MHz (min. separation distances = 0 mm)

Calculation value: $0.1 \text{ (mW)} / 5 \text{ (mm)} \times \sqrt{0.43392} = 0.013$

So, Calculation value ≤ 3.0

Remark:

-Max. Radiated field strength 78.52 (dBμV) : Max. E.I.R.P. of EUT (-16.71 dBm)

-Max. E.I.R.P. 0.021 (mW) is less than 0.1 (mW), so 0.1 (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.