FCC ID: TQ8-FOB-4F61U43

According to KDB 447498 D04 General RF Exposure Guidance v06.

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

[(max. power of channel, including tune-up tolerance, ㎽) / (min. test separation distance, ㎜)] x [√f(㎓)] ≤ 3.0

1. SAR test exclusion threshold

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

Calculation value: 0.008 (㎽) / 5 (㎜) x √ 0.433 92 = 0.001
So, Calculation value ≤ 3.0

Remark;
- Max. Radiated field strength 74.28 (㏈㎶/m): Max. E.I.R.P. of EUT -20.95 ㏈m (0.008 ㎽)
- When the minimum test separation distance is < 5 ㎜, a distance of 5 ㎜ is applied to determine SAR test exclusion.

1.2. Frequency: 6.4896 ㎓ (UWB)

- Maximum Allowed E.I.R.P. : -49.45 ㏈m (0.000 011 ㎽)
- The Maximum allowed RF output power of UWB is less than 1 ㎽. Per November 2019 TCB Workshop Notes, RF Exposure test is not required based on 1 ㎽ exclusion for frequency over 6 ㎓.

1.3. Simultaneous transmission Configuration

- The EUT do not transmit simultaneously.

2. Conclusion: No SAR is required.