FCC ID: 2AD5KMWB300

According to KDB 447498 D01 General RF Exposure Guidance

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

Frequency: 2 480 ㎒ (min. separation distances = 0 ㎜)

Calculation value: 2 (㎽) / 5 (㎜) x √ 2.480 = 0.630
So, Calculation value ≤ 3.0

Remark;
-Max. conducted power (㎽): maximum tolerance power of EUT (2 ㏈m)
-Max. conducted power 2 (㎽) was calculated.

- When the minimum test separation distance is < 5 ㎜, a distance of 5 ㎜ is applied to determine SAR test exclusion.

2. SAR test exclusion threshold

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

Calculation value: 1 (㎽) / 5 (㎜) x √ 0.433 92 = 0.132
So, Calculation value ≤ 3.0

Remark:
-Max. Radiated field strength 68.86 (㏈㎶): Max. E.I.R.P. of EUT (-26.37 ㏈m)
-Max. E.I.R.P. 0.002 (㎽) is less than 1 (㎽), so 1 (㎽) was calculated.
-When the minimum test separation distance is < 5 ㎜, a distance of 5 ㎜ is applied to determine SAR test exclusion.

3. Simultaneous transmission SAR test exclusion considerations.

[(max. power of channel, including tune-up tolerance, ㎽) / (min. test separation distance, ㎜)] x [√f(㎓) / χ] where χ = 7.5 for 1-g SAR

Bluetooth Low Energy
2 (㎽) / 5 (㎜) x √ 2.480 / 7.5 = 0.084

Transmitter
1 (㎽) / 5 (㎜) x √ 0.433 92 / 7.5 = 0.018

Confirm the sum result of individual SAR estimation is < 1.6;
Bluetooth Low Energy + Transmitter: 0.084 + 0.018 = 0.102 < 1.6

4. Conclusion: No SAR is required.