FCC ID: A3LEIT5600

According to KDB 447498 D01 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: 2 480 ㎒ (min. separation distances = 0 ㎜)

SAR test exclusion thresholds(5 ㎜) = 3 x 5 / (√ 2.480) = 9.525 ㎽

Max. tune-up tolerance (㎽)	SAR Test Exclusion Thresholds (5 ㎜) (㎽)
7.943	9.525

Calculation value: 7.943 (㎽) / 5 (㎜) x √ 2.480 = 2.50
So, Calculation value ≤ 3.0

Remark;
- Max. tolerance power of EUT (9 ㏈m).
- Max. tolerance power of EUT is 7.943(㎽).
- When the minimum test separation distance is < 5 ㎜, a distance of 5 ㎜ is applied to determine SAR test exclusion.
- Tune up power procedure / torelance
  1M PHY : 8.0 ㏈m (-1.5 ㏈m ~ + 1.0 ㏈m)

1.2. Frequency : 6.5 ㎓ (UWB)

- Maximum Allowed E.I.R.P. : -41.3 ㏈m (0.000 074 ㎽)
- 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 ㎓.

2. Simultaneous transmission of RF Exposure test exclusion Configuration.

- Bluetooth LE: the ratio is 2.5 / 3
- UWB: the ratio is 0.000 074 / 1

Confirm the sum result of individual RF Expsoure ratio is ≤ 1.0;
Bluetooth LE + UWB: (2.5 / 3) + (0.000 074 / 1) = 0.833 407 ≤ 1.0

3. Conclusion: No SAR is required.