



FCC ID: 2AOK2WB-S40

## Standalone SAR test exclusion considerations: Bluetooth LE

Date: January 21, 2019

Note1. Please refer to the operation description for Max.tune-up power.

KDB 447498 D01 clause 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances  $\leq 50$  mm

[ ( max. power of channel, including tune-up tolerance, mW ) / ( min. test separation distance, mm ) ] · [  $\sqrt{f(\text{GHz})}$  ]  $\leq 3.0$  for 1g SAR and  $\leq 7.5$  for 10g extremity SAR

## Sample Calculation

$$= \lceil (0.1122 \text{mW} / 5 \text{mm} ) \rceil \times \lceil \sqrt{2.48 \text{GHz}} \rceil = 0.04$$

Note. The calculation result was rounded to two decimal place for comparison.

**Conclusion :** SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required