## FCC §1.1307(B) & §2.1093 - RF EXPOSURE

## **Applicable Standard**

According to §2.1093 and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

Report No.: RKSA250425001-00A

According to KDB 447498 D01 General RF Exposure Guidance

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq$  50 mm are determined by:

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

- 1. f (GHz) is the RF channel transmit frequency in GHz.
- 2. Power and distance are rounded to the nearest mW and mm before calculation.
- 3. The result is rounded to one decimal place for comparison.
- 4. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test Exclusion.

## **Measurement Result**

Mode	Frequency Range (MHz)	Max Tune-up Conducted Power		Calculated Distance	Calculated Value	Threshold (1-g SAR)	SAR Test Exclusion
		(dBm)	(mW)	(mm)	v alue	(1-g SAK)	Laciusion
BLE 1M	2402-2480	7.0	5.01	5	1.6	3.0	Yes
BLE 2M	2404-2478	7.0	5.01	5	1.6	3.0	Yes

Result: No SAR test is required.

FCC Part 15.247 Page 13 of 64