

## RF Exposure Evaluation

### **REQUIREMENT**

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

**$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$**

Where

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

### **TEST RESULT**

**Passed**       **Not Applicable**

Type	Tune up power(dBm)
BT-BLE	-5~ -3

BT-BLE

Channel (MHz)	Max. tune-up Power (dBm)	Test Distance (mm)	Test data	Limit	Result
2480	-3.0	5	0.1579	3.0000	Compliance

*Note:*

*the below information is declared by the applicant,*

- 1) *Bluetooth Antenna Gain= 1.5dBi*
- 2) *The exposure safety distance is 5mm.*