

## 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   | Channel(MHz) | Conducted Power (dBm) | Maximum Tune-up (dBm) | Calculating data | Limit | Result |
|--------|--------------|-----------------------|-----------------------|------------------|-------|--------|
| BT BLE | 2402MHz      | 3.20                  | 3.5                   | 0.694            | 3.00  | Pass   |

Note:

- 1) The maximum antenna gain is 3.0dBi
- 2) The exposure evaluation safety distance is 5mm.