

## 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(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 | CH19         | -0.09                 | -0.09                 | 0.00013          | 3.00  | Pass   |

Note:

- 1) The maximum antenna gain is -1.7dBi
- 2) The exposure evaluation safety distance is 5mm.