

## RF Exposure Evaluation

### REQUIREMENT

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

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3$$

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	Maximum Tune-up (dBm) Conducted Average Power
BT-EDR	2.74~4.74
BT-BLE	2.47~3.47

Type	Conducted Average Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BT EDR	4.74	5.00	0.987	3	Pass
BT BLE	3.47	4.00	0.785	3	Pass

Note:

- 1) The maximum antenna gain is 1.25dBi
- 2) The exposure evaluation safety distance is 5mm.