

## 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	Frequency	Maximum Output Power (dBm)	Calculating data	Limit	Result
BT BLE	2402	-5.01	0.0978	3.00	Pass
	2440	-5.81	0.0820	3.00	Pass
	2480	-4.87	0.1026	3.00	Pass

Note:

- 1) The maximum antenna gain is 1.5dBi
- 2) The exposure safety distance is less than 5mm.