

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 ≤ 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	5.00	0.306	3.00	Pass
	2440	4.50	0.304	3.00	Pass
	2480	4.23	0.301	3.00	Pass

Note:

- 1) The maximum antenna gain is 1.3dBi
- 2) The exposure safety distance is less than 5mm.