

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

Channel (MHz)	Max. Conducted Output Power (dBm)	Test Distance (mm)	Test data	Limit	Result
00	8.543	10	1.108	3	Pass
39	8.841	10	1.187	3	Pass
78	8.781	10	1.171	3	Pass

Note:

the below information is declared by the applicant,

1) *Bluetooth Antenna Gain= 2.80dBi.*

2) *The exposure safety distance is 10mm.*