

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. tune-up Power (dBm)	Test Distance (mm)	Test data	Limit	Result
00	1.16	5	0.0128	3	Pass
19	1.22	5	0.0131	3	Pass
39	0.66	5	0.0123	3	Pass

Note:

the below information is declared by the applicant,

1) Bluetooth Antenna Gain= 1.20 dBi. Max. tune-up Power = Tune up power + Antenna Gain