

## RF Exposure Evaluation

### REQUIREMENT

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

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 7.5$

Where

$f(\text{GHz})$  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	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
802.11b	8.52	9.00	2.48	7.5	Pass
802.11g	8.75	9.00	2.48	7.5	Pass
802.11n(H20)	8.62	9.00	2.48	7.5	Pass
802.11n(H40)	8.49	9.00	2.48	7.5	Pass

Note:

- 1) The maximum antenna gain is 4dBi
- 2) The exposure evaluation safety distance is 0mm.