

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

$f(\text{GHz})$ 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 ≤ 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**

According to RF test report, the results are as follow:

| Mode | Frequency (GHz) | Max. tune-up Power (mW) | Test Distance (mm) | Test data | Limit | Result |
|--------|-----------------|-------------------------|--------------------|-----------|--------|--------|
| BT 3.0 | 2.402 | 2.2542 | 5.0000 | 0.6987 | 3.0000 | Pass |
| | 2.441 | 2.2387 | 5.0000 | 0.6995 | 3.0000 | Pass |
| | 2.480 | 1.9999 | 5.0000 | 0.6299 | 3.0000 | Pass |

Note:

the below information is declared by the applicant,

- 1) Antenna Gain= 0dBi
- 2) The exposure safety distance is 5mm.