

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 | Channel(MHz) | Average Output power (dBm) | Maximum Tune-up (dBm) | Calculating data | Limit | Result |
|--------|--------------|----------------------------|-----------------------|------------------|-------|--------|
| BT BLE | 00 | -3.33 | -3.00 | 0.1554 | 3.00 | Pass |

Note:

- 1) The maximum antenna gain is 0dBi
- 2) The exposure evaluation safety distance is 5mm.