

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:

Channel (MHz)	Max output Power (mW)	Test Distance (mm)	Test data	Limit	Result
2402	1.17	5	0.36	3	PASS
2440	1.15	5	0.36	3	PASS
2480	1.03	5	0.32	3	PASS

Note: This device should be installed and operated with minimum distance 0mm between the radiator & your body. Applied to test separation distance is < 5 mm, so the distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.