

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**

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

Channel (MHz)	Max output Power (mW)	Test Distance (mm)	Test data	Limit	Result
462.5625	1.53	5	0.14	3	Pass

Note:

tune-up tolerance=1dB

$$\text{Max output Power (mW)} = 10^{(\text{Measured ERP(dBm)} + \text{tune-up tolerance})/10}$$