RF Exposure Evaluation

REQUIREMENT

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

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 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**

Frequency(MHz)	Maximum conducted output power(dBm)	Calculating data	Limit	Result
2441	2.1	0.4907	3.0000	Pass

Note:

1) *The maximum antenna gain is 0dBi*

2) *The exposure safety distance is less than 5mm.*

3) *EIRP(dBm)=E(dBuV/m)+20log(d)-104.77=E(dBuV/m)-95.2*

4) *The distance d is 3m*