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)] ≤ 7.5

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**

Test mode	Channel	Maximum Output Power (dBm)	Calculating data	Limit	Result
1Mbps	02	-1.94	0.198	7.5	Pass
	40	-1.80	0.206	7.5	Pass
	80	-2.36	0.183	7.5	Pass
2Mbps	02	-1.95	0.198	7.5	Pass
	40	-1.82	0.205	7.5	Pass
	80	-2.36	0.183	7.5	Pass

Note:

1) *The maximum antenna gain is 3dBi*

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