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RF Exposure Evaluation

FCC ID:2AXAVTF50025

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

Test mode	Channel Frequency (MHz)	Max. Measured Power (dBm)	Tune up tolerance (dBm)	Max. Tune up Power (dBm)	Maximum Output Power (mW)	Calculating data	Limit	Results
B	2412	5.38	± 1	6.38	4.35	1.3496	3.00	Pass
	2437	4.30	± 1	5.3	3.39	1.0579		
	2462	4.09	± 1	5.09	3.23	1.0132		
G	2412	5.49	± 1	6.49	4.46	1.3843		
	2437	4.34	± 1	5.34	3.42	1.0677		
	2462	4.25	± 1	5.25	3.35	1.0512		
N20	2412	7.19	± 1	8.19	6.59	2.0475		
	2437	5.22	± 1	6.22	4.19	1.3075		
	2462	4.17	± 1	5.17	3.29	1.0320		
N40	2422	6.47	± 1	7.47	5.58	1.7383		
	2437	5.78	± 1	6.78	4.76	1.4875		
	2452	5.11	± 1	6.11	4.08	1.2788		

Note:

-The maximum antenna gain is 3.80dBi

-The exposure safety distance is less than 5mm.

*****THE END*****