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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*****