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RF Exposure Evaluation

FCC ID: 2AXAVNTS8002408

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

2.4GWIFI

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
11B	2412	6.09	± 1	7.09	5.12	1.5893	3.00	Pass
	2437	5.96	± 1	6.96	4.97	1.5504		
	2462	6.12	± 1	7.12	5.15	1.6169		
11G	2412	5.45	± 1	6.45	4.42	1.3716		
	2437	5.60	± 1	6.6	4.57	1.4271		
	2462	5.77	± 1	6.77	4.75	1.4917		
11N20 SISO	2412	5.45	± 1	6.45	4.42	1.3716		
	2437	5.49	± 1	6.49	4.46	1.3914		
	2462	5.77	± 1	6.77	4.75	1.4917		

Note:

-The maximum antenna gain is 0.86dBi.

-The exposure safety distance is less than 5mm.

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