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RF Exposure Evaluation

FCC ID:2AXAVTF55025

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	5.08	± 1	6.08	4.06	1.2596	3.00	Pass
	2437	5.84	± 1	6.84	4.83	1.5082		
	2462	5.30	± 1	6.30	4.27	1.3387		
G	2412	6.55	± 1	7.55	5.69	1.7669		
	2437	5.47	± 1	6.47	4.44	1.3850		
	2462	4.65	± 1	5.65	3.67	1.1526		
N20	2412	6.38	± 1	7.38	5.47	1.6991		
	2437	5.45	± 1	6.45	4.42	1.3787		
	2462	4.30	± 1	5.30	3.39	1.0633		
N40	2422	6.07	± 1	7.07	5.09	1.5853		
	2437	4.47	± 1	5.47	3.52	1.1002		
	2452	3.79	± 1	4.79	3.01	0.9436		

Note:

-The maximum antenna gain is 3.80dBi

-The exposure safety distance is less than 5mm.

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