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RF Exposure Evaluation

FCC ID: 2AXAVSA39E2207

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)	Max. Tune up tolerance Power (dBm)	Max. Tune up tolerance Power (mW)	Calculating data	Limit	Results
802.11b	2412	7.08	7 ± 1	6.31	1.9598	3.00	Pass
	2437	7.45	7 ± 1	6.31	1.9700		
	2462	7.62	7 ± 1	6.31	1.9800		
802.11g	2412	6.21	6 ± 1	5.01	1.5567		
	2437	7.95	7 ± 1	6.31	1.9700		
	2462	6.88	6 ± 1	5.01	1.5728		
802.11n (HT20)	2412	5.87	5 ± 1	3.98	1.2366		
	2437	7.30	7 ± 1	6.31	1.9700		
	2462	7.26	7 ± 1	6.31	1.9800		
802.11 (HT40)	2422	6.77	6 ± 1	5.01	1.5600		
	2437	7.53	7 ± 1	6.31	1.9700		
	2452	7.81	7 ± 1	6.31	1.9760		

Note:

-The exposure safety distance is less than 5mm.

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