



RF Exposure Evaluation

FCC ID: 2A6T3-MR-001

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	8.91	8 ± 1	7.94	2.4673	3.00	Pass
	2437	8.86	8 ± 1	7.94	2.4800		
	2462	8.67	8 ± 1	7.94	2.4927		
802.11g	2412	8.46	8 ± 1	7.94	2.4673		
	2437	8.43	8 ± 1	7.94	2.4800		
	2462	8.67	8 ± 1	7.94	2.4927		
802.11n (HT20)	2412	8.35	7.5 ± 1	7.08	2.1990		
	2437	8.11	7.5 ± 1	7.08	2.2103		
	2462	7.89	7.5 ± 1	7.08	2.2216		
802.11 (HT40)	2422	8.03	7.5 ± 1	7.08	2.2035		
	2437	7.82	7.5 ± 1	7.08	2.2103		
	2452	7.55	7.5 ± 1	7.08	2.2171		
GFSK	2402	-3.37	-3 ± 1	0.63	0.1956		
	2440	-2.71	-3 ± 1	0.63	0.1971		
	2480	-2.27	-3 ± 1	0.63	0.1987		

Note:

-The exposure safety distance is less than 5mm.

--THE END--