

MPE ESTIMATION

FCC ID: 2AO68-V6WIFI

1. Limit for Portable Equipment Exposure

Frequency	1-g SAR
100MHz-6GHz	3.0

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

2. Estimation Result

Mode	Frequency (MHz)	PK Output Power(dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
11b	2412	9.65	9.23	5	2.8669	3.0
	2437	9.39	8.69	5	2.7132	3.0
	2462	9.54	8.99	5	2.8212	3.0
11g	2412	9.11	8.15	5	2.5315	3.0
	2437	9.30	8.51	5	2.6570	3.0
	2462	9.06	8.05	5	2.5262	3.0
11n/HT20	2412	8.96	7.87	5	2.4445	3.0
	2437	9.05	8.04	5	2.5102	3.0
	2462	8.75	7.50	5	2.4280	3.0
11n/HT40	2422	8.64	7.31	5	2.2706	3.0
	2437	8.34	6.82	5	2.1293	3.0
	2452	8.57	7.19	5	2.2563	3.0

Note: PK Output Power = Conducted Power.
Conducted Power see the test report UNIA21022205ER-05.

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