

MPE ESTIMATION
FCC ID: 2AUJA-Z10

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	7.55	5.69	5	1.7674	3.0
	2437	8.85	7.67	5	2.3947	3.0
	2462	9.74	9.42	5	2.9561	3.0
11g	2412	6.02	4.00	5	1.2424	3.0
	2437	7.53	5.66	5	1.7672	3.0
	2462	9.26	8.43	5	2.6455	3.0
11n/HT20	2412	6.15	4.12	5	1.2797	3.0
	2437	7.22	5.27	5	1.6454	3.0
	2462	8.52	7.11	5	2.2312	3.0
11n/HT40	2422	7.57	5.71	5	1.7773	3.0
	2437	8.09	6.44	5	2.0107	3.0
	2452	9.09	8.11	5	2.5399	3.0
Note: PK Output Power = Conducted Power. Conducted Power see the test report UNIA21070988ER-04.						

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