

MPE ESTIMATION

FCC ID: 2AXNNKWT01

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:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \left[\sqrt{f(\text{GHz})} \right] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}$$
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	8.78	7.55	5	2.3450	3.0
	2437	8.75	7.50	5	2.3415	3.0
	2462	8.72	7.45	5	2.3378	3.0
11g	2412	7.69	5.87	5	1.8232	3.0
	2437	7.62	5.78	5	1.8045	3.0
	2462	7.57	5.71	5	1.7917	3.0
11n/HT20	2412	7.36	5.45	5	1.6927	3.0
	2437	7.33	5.41	5	1.6890	3.0
	2462	7.27	5.33	5	1.6725	3.0
Note: PK Output Power = Conducted Power. Conducted Power see the test report UNIA20090706ER-01.						

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