

MPE ESTIMATION

FCC ID: 2AXAVWF80

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 | 8.86 | 7.69 | 5 | 2.3839 | 3.0 |
| | 2437 | 8.77 | 7.53 | 5 | 2.3493 | 3.0 |
| | 2462 | 8.70 | 7.41 | 5 | 2.3267 | 3.0 |
| 11g | 2412 | 7.65 | 5.82 | 5 | 1.8042 | 3.0 |
| | 2437 | 7.58 | 5.73 | 5 | 1.7877 | 3.0 |
| | 2462 | 7.55 | 5.69 | 5 | 1.7866 | 3.0 |
| 11n/HT20 | 2412 | 7.37 | 5.46 | 5 | 1.6926 | 3.0 |
| | 2437 | 7.35 | 5.43 | 5 | 1.6941 | 3.0 |
| | 2462 | 7.28 | 5.35 | 5 | 1.6799 | 3.0 |

Note: PK Output Power = Conducted Power.
Conducted Power see the test report UNIA20070901ER-01.

-----The End-----