

## 9. MPE ESTIMATION

### 9.1.Limit for General Population / Uncontrolled Exposures

Frequency	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
300MHz~1.5GHz	F/1500	30
1.5GHz~100GHz	1.0	30

Frequency (MHz)	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
2412	1	30
2437	1	30
2462	1	30

Note: F = Frequency in MHz

### 9.2.Estimation Result

Mode	CH	Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain (Numeric)	MPE estimation Result (mW/cm <sup>2</sup> )
IEEE802.11b	CH1	<b>19.32</b>	85.51	3	2	0.034
	CH6	<b>18.69</b>	73.96	3	2	0.029
	CH11	<b>18.88</b>	77.27	3	2	0.031
IEEE802.11g	CH1	<b>23.22</b>	209.89	3	2	0.084
	CH6	<b>23.10</b>	204.17	3	2	0.081
	CH11	<b>22.02</b>	159.22	3	2	0.063
CH1:2412MHz CH6:2437MHz CH11:2462MHz						