

## 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	1.0	30
2437	1.0	30
2462	1.0	30

Note: F = Frequency in MHz

### 9.2.Estimation Result

Mode	CH	Frequency (MHz)	PK Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain(linear)	MPE
11b	1	2412	17.56	57.02	2	1.58	0.0180
	6	2437	18.13	65.01	2	1.58	0.0205
	11	2462	18.67	73.62	2	1.58	0.0232
11b	1	2412	21.33	135.83	2	1.58	0.0428
	6	2437	21.45	139.64	2	1.58	0.0441
	11	2462	22.12	162.93	2	1.58	0.0514