

## 10.MPE ESTIMATION

### 10.1.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	0.6	30
2437	0.61	30
2462	0.62	30

Note: F = Frequency in MHz

### 10.2.Estimation Result

Mode	CH	Frequency (MHz)	PK Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain(linear)	MPE
11b	1	2412	18.72	74.47	2.00	1.58	0.0235
	6	2437	19.24	83.95	2.00	1.58	0.0265
	11	2462	19.56	90.36	2.00	1.58	0.0285
11b	1	2412	22.27	168.66	2.00	1.58	0.0532
	6	2437	22.52	178.65	2.00	1.58	0.0564
	11	2462	23.19	208.45	2.00	1.58	0.0658