

## 11. MPE ESTIMATION

### 11.1.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

### 11.2.2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain(linear)	MPE
11b	1	2412	20.80	120.23	3	2.00	0.0477
	6	2437	21.22	132.43	3	2.00	0.0526
	11	2462	21.36	136.77	3	2.00	0.0543
11g	1	2412	21.33	135.83	3	2.00	0.0539
	6	2437	25.29	338.06	3	2.00	0.1343
	11	2462	21.49	140.93	3	2.00	0.0560
11n HT20	1	2412	19.73	93.97	3	2.00	0.0373
	6	2437	25.13	325.84	3	2.00	0.1294
	11	2462	19.77	94.84	3	2.00	0.0377
11n HT40	1	2422	15.58	36.14	3	2.00	0.0144
	4	2437	23	199.53	3	2.00	0.0792
	7	2452	15.7	37.15	3	2.00	0.0148

Note: The estimation distance is 20cm