

MPE ESTIMATION

1,Limit for General Population/ Uncontrolled Exposures

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

Frequency(MHz)	Power density (mW/ cm ²)	Averaging time(minutes)
2408	0.6	30
2440	0.61	30
2476	0.62	30

Note: F= Frequency in MHz

2, Estimation Result

2.1 IEEE 802.11b Mode

Channel	Frequency(MHz)	Peak output power(dBm)	antenna gain(dBi)	antenna gain (Linear)
Low	2408	-0.80	0	1
Mid	2440	-1.12	0	1
High	2476	-1.50	0	1

Channel	Frequency(MHz)	Peak output power to antenna (mW)	Power density at 20cm(mW/ cm ²)
Low	2408	0.83	0.00017
Mid	2440	0.77	0.00015
High	2476	0.71	0.00014