

11.MPE ESTIMATION

11.1.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)
2412	1	30
2437	1	30
2462	1	30

Note: F= Frequency in MHz

11.2.Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	antenna Gain (linear)	MPE
11b	1	2412	17.02	50.35	5	3.16	0.0317
	6	2437	17.35	54.33	5	3.16	0.0342
	11	2462	17.26	53.21	5	3.16	0.0335
11b	1	2412	21.86	153.46	5	3.16	0.0966
	6	2437	22.56	180.30	5	3.16	0.1135
	11	2462	21.84	152.76	5	3.16	0.0962

Note: The estimation distance is 20cm