

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	18.45	69.98	3	2.00	0.0278
	6	2437	21.03	126.77	3	2.00	0.0503
	11	2462	17.69	58.75	3	2.00	0.0233
11g	1	2412	18.19	65.92	3	2.00	0.0262
	6	2437	20.40	109.65	3	2.00	0.0435
	11	2462	17.36	54.45	3	2.00	0.0216
11n HT20	1	2412	20.08	101.86	3	2.00	0.0405
	6	2437	21.18	131.22	3	2.00	0.0521
	11	2462	18.37	68.71	3	2.00	0.0273
11n HT40	1	2422	18.51	70.96	3	2.00	0.0282
	4	2437	21.36	136.77	3	2.00	0.0543
	7	2452	17.14	51.76	3	2.00	0.0206

Note: The estimation distance is 20cm