

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	22.17	164.82	5	3.16	0.1037
	6	2437	20.80	120.23	5	3.16	0.0757
	11	2462	20.07	101.62	5	3.16	0.0640
11g	1	2412	18.67	73.62	5	3.16	0.0463
	6	2437	24.05	254.10	5	3.16	0.1599
	11	2462	18.02	63.39	5	3.16	0.0399
11n HT20	1	2412	17.85	60.95	5	3.16	0.0384
	6	2437	23.92	246.60	5	3.16	0.1552
	11	2462	16.83	48.19	5	3.16	0.0303
11n HT40	1	2422	15.12	32.51	5	3.16	0.0205
	4	2437	22.04	159.96	5	3.16	0.1007
	7	2452	13.58	22.80	5	3.16	0.0144

Note: The estimation distance is 20cm