

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

11.2.Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain(linear)	MPE (mW/ cm ²)
11b	1	2412	19.67	92.68	2	1.58	0.0292
	6	2437	20.14	103.28	2	1.58	0.0326
	11	2462	20.45	110.92	2	1.58	0.0350
11g	1	2412	20.78	119.67	2	1.58	0.0378
	6	2437	22.45	175.79	2	1.58	0.0555
	11	2462	21.45	139.64	2	1.58	0.0441
11n HT20	1	2412	20.97	125.03	2	1.58	0.0394
	6	2437	22.85	192.75	2	1.58	0.0608
	11	2462	21.19	131.52	2	1.58	0.0415
11n HT40	1	2422	24.18	261.82	2	1.58	0.0826
	4	2437	23.72	235.50	2	1.58	0.0743
	7	2452	23.76	237.68	2	1.58	0.0750

Note: The estimation distance is 20cm