

10.MPE ESTIMATION

10.1.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

10.2.Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain(linear)	MPE
11b	1	2412	21.07	127.94	2.5	1.78	0.0453
	6	2437	21.20	131.83	2.5	1.78	0.0467
	11	2462	21.13	129.72	2.5	1.78	0.0459
11g	1	2412	21.83	152.41	2.5	1.78	0.0539
	6	2437	22.69	185.78	2.5	1.78	0.0658
	11	2462	21.37	137.09	2.5	1.78	0.0485
11n HT20	1	2412	22.26	168.27	2.5	1.78	0.0596
	6	2437	25.78	378.44	2.5	1.78	0.1340
	11	2462	22.48	177.01	2.5	1.78	0.0627
11n HT40	1	2422	20.40	109.65	2.5	1.78	0.0388
	4	2437	26.43	439.54	2.5	1.78	0.1556
	7	2452	20.61	115.08	2.5	1.78	0.0407

Note: The estimation distance is 20cm