

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	20.72	118.03	5	3.16	0.0743
	6	2437	22.39	173.38	5	3.16	0.1091
	11	2462	22.55	179.89	5	3.16	0.1132
11g	1	2412	19.90	97.72	5	3.16	0.0615
	6	2437	24.27	267.30	5	3.16	0.1682
	11	2462	20.75	118.85	5	3.16	0.0748
11n HT20	1	2412	23.32	214.78	5	3.16	0.1352
	6	2437	26.30	426.58	5	3.16	0.2685
	11	2462	24.78	300.61	5	3.16	0.1892
11n HT40	1	2422	20.88	122.46	5	3.16	0.0771
	4	2437	25.83	382.82	5	3.16	0.2410
	7	2452	18.33	68.08	5	3.16	0.0428

Note: The estimation distance is 20cm