

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	22.87	193.64	1.74	1.49	0.0575
	6	2437	22.78	189.67	1.74	1.49	0.0564
	11	2462	23.54	225.94	1.74	1.49	0.0671
11g	1	2412	20.84	121.34	1.74	1.49	0.0361
	6	2437	25.30	338.84	1.74	1.49	0.1007
	11	2462	20.08	101.86	1.74	1.49	0.0303
11n HT20	1	2412	21.36	136.77	1.74	1.49	0.0406
	6	2437	26.26	422.67	1.74	1.49	0.1256
	11	2462	19.76	94.62	1.74	1.49	0.0281
11n HT40	1	2422	18.14	65.16	1.74	1.49	0.0194
	4	2437	26.74	472.06	1.74	1.49	0.1403
	7	2452	17.48	55.98	1.74	1.49	0.0166

Note: The estimation distance is 20cm