

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

11.2.2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain(linear)	MPE
11b	1	2412	20.07	101.6	5	3.16	0.064
	6	2437	20.38	109.1	5	3.16	0.069
	11	2462	20.05	101.2	5	3.16	0.064
11g	1	2412	20.45	110.9	5	3.16	0.070
	6	2437	22.36	172.2	5	3.16	0.108
	11	2462	20.11	102.6	5	3.16	0.065
11n HT20	1	2412	22.69	185.8	5	3.16	0.117
	6	2437	24.14	259.4	5	3.16	0.163
	11	2462	22.94	196.8	5	3.16	0.124
11n HT40	1	2422	20.52	112.7	5	3.16	0.071
	4	2437	25.14	326.6	5	3.16	0.206
	7	2452	20.25	105.9	5	3.16	0.067

Note: The estimation distance is 20cm

Remark :This a MIMO device,for 11b/g mode,we choose the chain which has the maximum power to estimate,for 11n mode,We use the total chain power to estimate.