

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	18.3	67.61	5	3.16	0.0426
	6	2437	17.68	58.61	5	3.16	0.0369
	11	2462	17.28	53.46	5	3.16	0.0336
11g	1	2412	23.76	237.68	5	3.16	0.1496
	6	2437	24.84	304.79	5	3.16	0.1918
	11	2462	23.89	244.91	5	3.16	0.1542
11g Tuebo	NA	2437	24.53	283.79	5	3.16	0.1786