

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	21.15	130.32	3	2.00	0.0518
	6	2437	21.99	158.12	3	2.00	0.0628
	11	2462	20.97	125.03	3	2.00	0.0497
11b	1	2412	24.94	311.89	3	2.00	0.1239
	6	2437	26.27	423.64	3	2.00	0.1682
	11	2462	24.94	311.89	3	2.00	0.1239
11n HT20	1	2422	24.9	309.03	3	2.00	0.1227
	4	2437	26.26	422.67	3	2.00	0.1679
	7	2452	25.21	331.89	3	2.00	0.1318
11n HT40	1	2422	24.71	295.80	3	2.00	0.1175
	4	2437	25.81	381.07	3	2.00	0.1513
	7	2452	24.7	295.12	3	2.00	0.1172