

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

Cable loss: 1 dB		Attenuator loss: 20 dB					
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	14.84	30.48	0	1.00	0.0061
	CH6	2437	16.15	41.21	0	1.00	0.0082
	CH11	2462	17.37	54.58	0	1.00	0.0109
11g	CH1	2412	19.93	98.40	0	1.00	0.0196
	CH6	2437	24.88	307.61	0	1.00	0.0612
	CH11	2462	19.34	85.90	0	1.00	0.0171
11n HT20	CH1	2412	18.47	70.31	0	1.00	0.0140
	CH6	2437	24.78	300.61	0	1.00	0.0598
	CH11	2462	18.72	74.47	0	1.00	0.0148
11n HT40	CH1	2422	18.77	75.34	0	1.00	0.0150
	CH4	2437	23.77	238.23	0	1.00	0.0474
	CH7	2452	19.70	93.33	0	1.00	0.0186

Note: The estimation distance is 20cm