

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

11.2.Estimation Result

EUT: 300Mbps Wireless N ADSL2+ Modem Router		
M/N: TD-W8960N		
Test date:2011-09-23	Pressure: 100.6 kpa	Humidity: 49%
Tested by: Leo-Li	Test site: RF Site	Temperature : 25°C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 3 dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	17.71	59.02	3	2.00	0.0234
	CH6	2437	17.45	55.59	3	2.00	0.0221
	CH11	2462	17.66	58.34	3	2.00	0.0232
11g	CH1	2412	18.27	67.14	3	2.00	0.0267
	CH6	2437	22.42	174.58	3	2.00	0.0693
	CH11	2462	18.42	69.50	3	2.00	0.0276
11n HT20	CH1	2412	18.13	65.01	3	2.00	0.0258
	CH6	2437	25.47	352.37	3	2.00	0.1399
	CH11	2462	16.48	44.46	3	2.00	0.0177
11n HT40	CH1	2412	18.39	69.02	3	2.00	0.0274
	CH4	2437	21.42	138.68	3	2.00	0.0551
	CH7	2462	18.29	67.45	3	2.00	0.0268

Note: The estimation distance is 20cm