

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

EUT: 300Mbps Wireless N ADSL2+ Modem Router		
M/N: TD-W8960N		
Test date: 2013-11-05	Pressure: 101.3±1.0 kpa	Humidity: 49.4±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature: 21.7±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 5dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	21.72	148.59	5	3.16	0.0935
	CH6	2437	22.94	196.79	5	3.16	0.1239
	CH11	2462	21.50	141.25	5	3.16	0.0889
11g	CH1	2412	20.36	108.64	5	3.16	0.0684
	CH6	2437	28.21	662.22	5	3.16	0.4168
	CH11	2462	21.71	148.25	5	3.16	0.0933
11n HT20	CH1	2412	22.10	162.18	5	3.16	0.1021
	CH6	2437	28.12	648.63	5	3.16	0.4083
	CH11	2462	23.13	205.59	5	3.16	0.1294
11n HT40	CH1	2422	23.33	215.28	5	3.16	0.1355
	CH4	2437	28.95	785.24	5	3.16	0.4943
	CH7	2452	22.62	182.81	5	3.16	0.1151