

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 Router		
M/N: RNX-N360RT		
Test date:2012-08-18	Pressure: 101.2 kpa	Humidity: 49.9%
Tested by: Leo-Li	Test site: RF Site	Temperature : 25.2°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	17.84	60.81	3	2.00	0.0242
	CH6	2437	19.21	83.37	3	2.00	0.0331
	CH11	2462	20.6	114.82	3	2.00	0.0456
11g	CH1	2412	20.59	114.55	3	2.00	0.0455
	CH6	2437	21.05	127.35	3	2.00	0.0506
	CH11	2462	20.35	108.39	3	2.00	0.0430
11n HT20	CH1	2412	20.99	125.60	3	2.00	0.0499
	CH6	2437	23.37	217.27	3	2.00	0.0863
	CH11	2462	21.75	149.62	3	2.00	0.0594
11n HT40	CH1	2412	17.65	58.21	3	2.00	0.0231
	CH4	2437	23.21	209.41	3	2.00	0.0832
	CH7	2462	18.72	74.47	3	2.00	0.0296

Note: The estimation distance is 20cm