

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. Estimation Result

EUT:Wireless N-lite ADSL2+ 4-port Gateway		
M/N: AMG1202-T10B		
Test date:2013-03-28	Pressure: 101.2±1.0kpa	Humidity: 53.5±3.0 %
Tested by:Leo-Li	Test site: RF site	Temperature:23.3±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 5.0 dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	17.34	54.20	5	3.16	0.0341
	CH6	2437	16.21	41.78	5	3.16	0.0263
	CH11	2462	15.05	31.99	5	3.16	0.0201
11g	CH1	2412	24.34	271.64	5	3.16	0.1710
	CH6	2437	23.81	240.44	5	3.16	0.1513
	CH11	2462	22.83	191.87	5	3.16	0.1208
11n HT20	CH1	2412	24.07	255.27	5	3.16	0.1607
	CH6	2437	23.40	218.78	5	3.16	0.1377
	CH11	2462	21.55	142.89	5	3.16	0.0899
11n HT40	CH1	2422	21.78	150.66	5	3.16	0.0948
	CH4	2437	23.18	207.97	5	3.16	0.1309
	CH7	2452	20.99	125.60	5	3.16	0.0791

Note:The estimate distance is 20cm.