

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 ADSL2+ 4-port Gateway		
M/N: AMG1302-T10B		
Test date:2013-07-29	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				Type 1 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	23.44	220.80	5	3.16	0.1390
	CH6	2437	24.26	266.69	5	3.16	0.1679
	CH11	2462	23.24	210.86	5	3.16	0.1327
11g	CH1	2412	24.69	294.44	5	3.16	0.1853
	CH6	2437	25.44	349.95	5	3.16	0.2203
	CH11	2462	24.36	272.90	5	3.16	0.1718
11n HT20	CH1	2412	21.8	151.36	5	3.16	0.0953
	CH6	2437	23.57	227.51	5	3.16	0.1432
	CH11	2462	20.8	120.23	5	3.16	0.0757
11n HT40	CH1	2422	21.17	130.92	5	3.16	0.0824
	CH4	2437	22.71	186.64	5	3.16	0.1175
	CH7	2452	20.39	109.40	5	3.16	0.0689