

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 Estimation Result

EUT: :Modem WI-FI ADSL2+		
M/N: RTA04NE		
Test date: 2014-01-04	Pressure: 101.1±1.0 kpa	Humidity: 52.9±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature:22.6±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	25.15	327.34	5	3.16	0.2060
	CH6	2437	24.14	259.42	5	3.16	0.1633
	CH11	2462	24.38	274.16	5	3.16	0.1726
11g	CH1	2412	25.72	373.25	5	3.16	0.2349
	CH6	2437	28.11	647.14	5	3.16	0.4073
	CH11	2462	24.60	288.40	5	3.16	0.1815
11n HT20	CH1	2412	24.96	313.33	5	3.16	0.1972
	CH6	2437	28.67	736.21	5	3.16	0.4634
	CH11	2462	23.59	228.56	5	3.16	0.1439
11n HT40	CH1	2422	23.30	213.80	5	3.16	0.1346
	CH4	2437	28.32	679.20	5	3.16	0.4275
	CH7	2452	21.59	144.21	5	3.16	0.0908