

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: WIFI Module		
M/N: MT-WN713NM		
Test date: 2012-04-25	Pressure: 101.2 kpa	Humidity: 53.8%
Tested by: Leo-Li	Test site: RF Site	Temperature : 24.9°C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 1.5 dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	21.65	146.22	1.5	1.41	0.0411
	CH6	2437	19.99	99.77	1.5	1.41	0.0281
	CH11	2462	18.91	77.80	1.5	1.41	0.0219
11g	CH1	2412	21.18	131.22	1.5	1.41	0.0369
	CH6	2437	20.81	120.50	1.5	1.41	0.0339
	CH11	2462	21.38	137.40	1.5	1.41	0.0386
11n HT20	CH1	2412	21.47	140.28	1.5	1.41	0.0394
	CH6	2437	20.81	120.50	1.5	1.41	0.0339
	CH11	2462	19.66	92.47	1.5	1.41	0.0260
11n HT40	CH1	2422	16.82	48.08	1.5	1.41	0.0135
	CH4	2437	16.34	43.05	1.5	1.41	0.0121
	CH7	2452	16.14	41.11	1.5	1.41	0.0116

Note: The estimate distance is 20cm