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

10.2. Estimation Result

EUT: Wireless Lite-N USB Module		
M/N: PW-MN421		
Test date: 2013-03-28	Pressure: 101.4±1.0 kpa	Humidity: 46.4±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature：23.6±0.6 ℃

Cable loss: 1 dB	Attenuator loss: 20 dB					
Test Mode	CH	Frequency（MHz）	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	20. 54	113. 24	1. 46	1. 40	0. 0315
	CH6	2437	22. 42	174. 58	1. 46	1. 40	0. 0486
	CH11	2462	24. 74	297. 85	1. 46	1. 40	0. 0830
11g	CH1	2412	21. 84	152. 76	1. 46	1. 40	0. 0426
	CH6	2437	27. 25	530. 88	1. 46	1. 40	0. 1479
	CH11	2462	22. 25	167. 88	1. 46	1. 40	0. 0468
11n HT20	CH1	2412	20. 79	119. 95	1. 46	1. 40	0. 0334
	CH6	2437	27. 14	517. 61	1. 46	1. 40	0. 1442
	CH11	2462	21. 04	127. 06	1. 46	1. 40	0. 0354
11n HT40	CH1	2422	18. 78	75. 51	1. 46	1. 40	0. 0210
	CH4	2437	27. 89	615. 18	1. 46	1. 40	0. 1714
	CH7	2452	17. 89	61. 52	1. 46	1. 40	0. 0171

Note:The Estimate distance is 20cm.