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 PCI Adapter		
M/N: RNX-N360PC		
Test date:2011-07-18	Pressure: 101.5 kpa	Humidity: 49%
Tested by: Leo-Li	Test site: RF Site	Temperature：25℃

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 2 dBi	
Test Mode	CH	Frequency（MHz）	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	15.64	36.64	2	1.58	0.0116
	CH6	2437	15.81	38.11	2	1.58	0.0120
	CH11	2462	15.64	36.64	2	1.58	0.0116
11g	CH1	2412	17.9	61.66	2	1.58	0.0195
	CH6	2437	19.02	79.80	2	1.58	0.0252
	CH11	2462	18.56	71.78	2	1.58	0.0226
11n HT20	CH1	2412	23.17	207.49	2	1.58	0.0655
	CH6	2437	23.17	207.49	2	1.58	0.0655
	CH11	2462	23.18	207.97	2	1.58	0.0656
11n HT40	CH1	2422	23.82	240.99	2	1.58	0.0760
	CH4	2437	23.85	242.66	2	1.58	0.0766
	CH7	2452	23.91	246.04	2	1.58	0.0776

Note1:The estimate distance is 20cm

Note2:This a MIMO device,for 11b/g mode,we choose the chain which has the maximum power to estimate,for 11n mode,We use the total chain power to estimate.