

## 11.MPE ESTIMATION

### 11.1.Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm <sup>2</sup> )	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Frequency(MHz)	Power density (mW/ cm <sup>2</sup> )	Averaging time(minutes)
2412	1	30
2437	1	30
2462	1	30

EUT: BD SURROUND SYSTEM		
M/N: XV-BD122W		
Test date: 2012-02-04	Pressure: 101.2 kpa	Humidity: 43.8%
Tested by: Leo-Li	Test site: RF Site	Temperature : 23.3°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	16.61	45.81	1.5	1.41	0.0129
	CH6	2437	15.91	38.99	1.5	1.41	0.0110
	CH11	2462	15.42	34.83	1.5	1.41	0.0098
11g	CH1	2412	18.74	74.82	1.5	1.41	0.0210
	CH6	2437	18.36	68.55	1.5	1.41	0.0193
	CH11	2462	18.26	66.99	1.5	1.41	0.0188
11n HT20	CH1	2412	19.15	82.22	1.5	1.41	0.0231
	CH6	2437	18.23	66.53	1.5	1.41	0.0187
	CH11	2462	17.82	60.53	1.5	1.41	0.0170
11n HT40	CH1	2422	18.81	76.03	1.5	1.41	0.0214
	CH4	2437	18.51	70.96	1.5	1.41	0.0200
	CH7	2452	18.27	67.14	1.5	1.41	0.0189

Note: The estimate distance is 20cm