

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: BLU-RAY DISC PLAYER		
M/N: DMP-BD87		
Test date: 2011-12-12	Pressure: 100.6 kpa	Humidity: 47.9%
Tested by: Leo-Li	Test site: RF Site	Temperature : 25.6°C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	17.34	54.20	1.5	1.41	0.0152
	CH6	2437	16.70	46.77	1.5	1.41	0.0132
	CH11	2462	16.05	40.27	1.5	1.41	0.0113
11g	CH1	2412	19.44	87.90	1.5	1.41	0.0247
	CH6	2437	19.16	82.41	1.5	1.41	0.0232
	CH11	2462	18.34	68.23	1.5	1.41	0.0192
11n HT20	CH1	2412	20.12	102.80	1.5	1.41	0.0289
	CH6	2437	19.40	87.10	1.5	1.41	0.0245
	CH11	2462	18.29	67.45	1.5	1.41	0.0190
11n HT40	CH1	2422	16.98	49.89	1.5	1.41	0.0140
	CH4	2437	16.33	42.95	1.5	1.41	0.0121
	CH7	2452	15.98	39.63	1.5	1.41	0.0111

Note: The estimate distance is 20cm