

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: 2012-01-12	Pressure: 100.5 kpa	Humidity: 49.5%
Tested by: Leo-Li	Test site: RF Site	Temperature : 23.8°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	17.66	58.34	1.5	1.41	0.0164
	CH6	2437	16.52	44.87	1.5	1.41	0.0126
	CH11	2462	16.38	43.45	1.5	1.41	0.0122
11g	CH1	2412	19.62	91.62	1.5	1.41	0.0258
	CH6	2437	19.31	85.31	1.5	1.41	0.0240
	CH11	2462	18.45	69.98	1.5	1.41	0.0197
11n HT20	CH1	2412	19.95	98.86	1.5	1.41	0.0278
	CH6	2437	19.57	90.57	1.5	1.41	0.0255
	CH11	2462	18.36	68.55	1.5	1.41	0.0193
11n HT40	CH1	2422	16.97	49.77	1.5	1.41	0.0140
	CH4	2437	16.43	43.95	1.5	1.41	0.0124
	CH7	2452	16.19	41.59	1.5	1.41	0.0117

Note: The estimate distance is 20cm