

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: UWSB-System 2.1x-W		
M/N: UWT-201X		
Test date:2012-11-07	Pressure: 101.2±1.0 kpa	Humidity: 52.6±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature : 23.3±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB			Antenna Gain:3dBi	
Antenna	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
Antenna A	5736	3.83	2.42	3	2.00	0.0010
	5762	3.52	2.25	3	2.00	0.0009
	5814	2.36	1.72	3	2.00	0.0007
Antenna B	5736	9.17	8.26	3	2.00	0.0033
	5762	9.95	9.89	3	2.00	0.0039
	5814	11.70	14.79	3	2.00	0.0059