

MPE ESTIMATION
 FCC ID: GGOBL-LW05-2M

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

Note: F= Frequency in MHz

2, Estimation Result

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	CH1	11.83	15.2405	1	1.25892	0.038172
	CH6	11.27	13.3968	1	1.25892	0.033554
	CH11	10.70	11.7490	1	1.25892	0.029427
11g	CH1	10.67	11.6681	1	1.25892	0.029224
	CH6	10.65	11.6145	1	1.25892	0.029090
	CH11	10.81	12.0504	1	1.25892	0.030182
11n/HT20	CH1	10.75	11.8850	1	1.25892	0.029768
	CH6	10.43	11.0408	1	1.25892	0.027653
	CH11	10.95	12.4451	1	1.25892	0.031170
11n/HT40	CH3	10.56	11.3763	1	1.25892	0.028493
	CH6	10.30	10.7152	1	1.25892	0.026838
	CH9	10.80	12.0226	1	1.25892	0.030112
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report STE121212768-1, antenna gain=1 dBi.						