MPE ESTIMATION
FCC ID: 2AJUDEWG-108

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	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm^2)
11b	16.79	17±1(18)	63.10	1	1.2589	0.0158
11g	14.25	14±1(15)	31.62	1	1.2589	0.00792
11n/HT20	12.46	12±1(13)	19.95	1	1.2589	0.005
Note: $Pd = \frac{Pout * G}{4\pi r^2}$;						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report UNI1601003039-E, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	16.79	47.75	1	1.2589	0.01196
	CH6	16.42	43.85	1	1.2589	0.01098
	CH11	16.34	43.05	1	1.2589	0.01078
11g	CH1	14.25	26.61	1	1.2589	0.00666
	CH6	14.17	26.12	1	1.2589	0.00654
	CH11	14.19	26.24	1	1.2589	0.00657
11n/HT20	CH1	12.46	17.62	1	1.2589	0.00441
	CH6	12.37	17.26	1	1.2589	0.00432
	CH11	12.39	17.34	1	1.2589	0.00434

Note: $Pd = \frac{Pout * G}{4\pi r^2}$;

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.
Conducted power see the test report UNI1601003039-E, antenna gain=1dBi.

-------The End-------