MPE ESTIMATION
FCC ID: **2AJLA-PT15**

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	16.34	15±2(17)	50.12	1	1.2589	0.01255
11g	15.76	15±2(17)	50.12	1	1.2589	0.01255
11n/HT20	15.36	15±2(17)	50.12	1	1.2589	0.01255
BT	-0.86	-1±1(0)	1	1	1.2589	0.00025
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 UNI1600911027-E and UNI1600911028-E, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	15.98	39.63	1	1.2589	0.00993
	CH6	16.34	43.05	1	1.2589	0.01078
	CH11	16.21	41.78	1	1.2589	0.01046
11g	CH1	15.32	34.04	1	1.2589	0.00853
	CH6	15.76	37.67	1	1.2589	0.00943
	CH11	15.48	35.32	1	1.2589	0.00885
11n/HT20	CH1	14.69	29.44	1	1.2589	0.00737
	CH6	15.36	34.36	1	1.2589	0.00861
	CH11	15.18	32.96	1	1.2589	0.00826
BT	CH1	-1.32	0.74	1	1.2589	0.00019
	CH20	-0.86	0.82	1	1.2589	0.00021
	CH40	-1.25	0.75	1	1.2589	0.00019

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 UNI1600911027-E and UNI1600911028-E, antenna gain=1dBi.

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