MPE ESTIMATION
FCC ID: **2ADUG-CPE150P24**

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

2, Estimation Result

For 2.4G WIFI:

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	12.46	12±1(13)	19.95	1	1.2589	0.00500
11g	11.33	11±1(12)	15.85	1	1.2589	0.00397
11n/HT20	11.29	11±1(12)	15.85	1	1.2589	0.00397
11n/HT40	10.89	10±1(11)	12.59	1	1.2589	0.00315

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 HK180627348-E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	11.64	14.59	1	1.2589	0.00366
	CH6	12.46	17.62	1	1.2589	0.00442
	CH11	11.66	14.66	1	1.2589	0.00367
11g	CH1	11.33	13.58	1	1.2589	0.00340
	CH6	11.22	13.24	1	1.2589	0.00332
	CH11	11.27	13.40	1	1.2589	0.00336
11n/HT20	CH1	11.24	13.30	1	1.2589	0.00333
	CH6	11.29	13.46	1	1.2589	0.00337
	CH11	11.21	13.21	1	1.2589	0.00331
11n/HT40	CH1	10.68	11.69	1	1.2589	0.00293
	CH4	10.42	11.02	1	1.2589	0.00276
	CH7	10.89	12.27	1	1.2589	0.00308

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 HK180627348-E, antenna gain=1dBi.

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