MPE ESTIMATION
FCC ID: **2AKKZJP762AC**

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	8.68	8±1(9)	7.94	1	1.2589	0.00199
11g	8.23	8±1(9)	7.94	1	1.2589	0.00199
11n/HT20	7.83	7±1(8)	6.31	1	1.2589	0.00158
11n/HT40	7.25	7±1(8)	6.31	1	1.2589	0.00158

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 HK1904150840-1E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm^2)
11b	CH1	8.68	7.38	1	1.2589	0.00185
	CH6	8.36	6.85	1	1.2589	0.00172
	CH11	8.52	7.11	1	1.2589	0.00178
11g	CH1	8.23	6.65	1	1.2589	0.00167
	CH6	8.15	6.53	1	1.2589	0.00164
	CH11	8.10	6.46	1	1.2589	0.00162
11n/HT20	CH1	7.66	5.83	1	1.2589	0.00146
	CH6	7.54	5.68	1	1.2589	0.00142
	CH11	7.83	6.07	1	1.2589	0.00152
11n/HT40	CH1	7.13	5.16	1	1.2589	0.00129
	CH4	7.25	5.31	1	1.2589	0.00133
	CH7	7.02	5.04	1	1.2589	0.00126

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 HK1904150840-1E, antenna gain=1dBi.

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