MPE ESTIMATION
FCC ID: **2AS6D-Q7H**

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	14.23	14±1(15)	31.62	1	1.2589	0.00792
11g	13.72	13±1(14)	25.12	1	1.2589	0.00629
11n/HT20	13.32	13±1(14)	25.12	1	1.2589	0.00629
11n/HT40	12.51	12±1(13)	19.95	1	1.2589	0.00500

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 HK1904170826-E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm^2)
11b	CH1	14.02	25.23	1	1.2589	0.00632
	CH6	14.23	26.49	1	1.2589	0.00664
	CH11	14.14	25.94	1	1.2589	0.00650
11g	CH1	13.45	22.13	1	1.2589	0.00555
	CH6	13.68	23.33	1	1.2589	0.00585
	CH11	13.72	23.55	1	1.2589	0.00590
11n/HT20	CH1	13.21	20.94	1	1.2589	0.00525
	CH6	13.32	21.48	1	1.2589	0.00538
	CH11	13.15	20.65	1	1.2589	0.00518
11n/HT40	CH1	12.36	17.22	1	1.2589	0.00431
	CH4	12.51	17.82	1	1.2589	0.00447
	CH7	12.24	16.75	1	1.2589	0.00420

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 HK1904170826-E, antenna gain=1dBi.

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