MPE ESTIMATION
FCC ID: **2ASYM-LIGHT**

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	12.87	12±1(13)	19.95	1	1.2589	0.00500
11g	12.06	12±1(13)	19.95	1	1.2589	0.00500
11n/HT20	11.18	11±1(12)	15.85	1	1.2589	0.00397
11n/HT40	10.65	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 HK1903070394-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	12.61	18.24	1	1.2589	0.00457
	CH6	12.87	19.36	1	1.2589	0.00485
	CH11	12.12	16.29	1	1.2589	0.00408
11g	CH1	12.06	16.07	1	1.2589	0.00403
	CH6	11.06	12.76	1	1.2589	0.00320
	CH11	11.82	15.21	1	1.2589	0.00381
11n/HT20	CH1	10.36	10.86	1	1.2589	0.00272
	CH6	11.18	13.12	1	1.2589	0.00329
	CH11	10.98	12.53	1	1.2589	0.00314
11n/HT40	CH1	10.65	11.61	1	1.2589	0.00291
	CH4	9.84	9.64	1	1.2589	0.00242
	CH7	9.70	9.33	1	1.2589	0.00234

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 HK1903070394-E, antenna gain=1dBi.

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