

MPE ESTIMATION  
 FCC ID: 2ASBL-CLOVIFI

**1,Limit for General Population/ Uncontrolled Exposures**

Frequency	Power density (mW/ cm <sup>2</sup> )	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 <sup>2</sup> )
11b	13.02	13 ± 1(14)	25.12	1	1.2589	0.00500
11g	12.08	12 ± 1(13)	15.85	1	1.2589	0.00500
11n/HT20	10.35	10 ± 1(11)	12.59	1	1.2589	0.00397
11n/HT40	10.28	10 ± 1(11)	12.59	1	1.2589	0.00397

$$Pd = \frac{Pout * G}{4\pi r^2};$$

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK1901030079-E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm <sup>2</sup> )
11b	CH1	12.81	19.10	1	1.2589	0.00445
	CH6	13.02	20.04	1	1.2589	0.00418
	CH11	12.84	19.23	1	1.2589	0.00413
11g	CH1	12.08	16.14	1	1.2589	0.00412
	CH6	11.09	12.85	1	1.2589	0.00434
	CH11	10.64	11.59	1	1.2589	0.00405
11n/HT20	CH1	10.22	10.52	1	1.2589	0.00391
	CH6	10.35	10.84	1	1.2589	0.00344
	CH11	9.98	9.95	1	1.2589	0.00281
11n/HT40	CH1	9.93	9.84	1	1.2589	0.00331
	CH4	10.28	10.67	1	1.2589	0.00257
	CH7	9.42	8.75	1	1.2589	0.00296
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK1901030079-E, antenna gain=1dBi.						

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