

MPE ESTIMATION
 FCC ID: 2AHH2HUB

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	12.92	12 ± 1(13)	19.95	1	1.2589	0.00500
11g	11.92	11 ± 1(12)	15.85	1	1.2589	0.00397
11n/HT20	10.92	10 ± 1(11)	12.59	1	1.2589	0.00315

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK1809141081-2E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	CH1	12.19	16.558	1	1.2589	0.00415
	CH6	12.57	18.07	1	1.2589	0.00453
	CH11	12.92	19.59	1	1.2589	0.00491
11g	CH1	11.53	14.22	1	1.2589	0.00356
	CH6	11.68	14.72	1	1.2589	0.00369
	CH11	11.92	15.56	1	1.2589	0.00390
11n/HT20	CH1	10.33	10.79	1	1.2589	0.00270
	CH6	10.42	11.02	1	1.2589	0.00276
	CH11	10.68	11.69	1	1.2589	0.00293

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK1809141081-2E, antenna gain=1dBi.

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