

MPE ESTIMATION
 FCC ID: 2AWIX-CS2020

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	11.7	11±1(12)	15.85	1	1.2589	0.00397
11g	13.09	13±1(14)	25.12	1	1.2589	0.00629
11n/HT20	12.99	12±1(13)	19.95	1	1.2589	0.00500
11n/HT40	12.57	12±1(13)	19.95	1	1.2589	0.00500
$Pd = \frac{Pout * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK2005080864-E, antenna gain=1dBi.						

-----The End-----