

MPE ESTIMATION

FCC ID: 2BDT9-TXT10

1. Limit for General Population/Uncontrolled Exposures

Frequency	Power Density(mW/cm2)	Averaging Time(minutes)
300MHz-1.5GHz	F/1500	30
1.5GHz-100GHz	1.0	30

Note: F= Frequency in MHz

2. Estimation Result

WIFI2.4G:

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	17.57	18±1(19)	79.433	1.93	1.5596	0.024658
11g	15.48	15±1(16)	39.811	1.93	1.5596	0.012359
11n/HT20	15.32	15±1(16)	39.811	1.93	1.5596	0.012359
11n/HT40	17.08	17±1(18)	63.096	1.93	1.5596	0.019587
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power=conducted power. Conducted power see the test report UNIA23112205ER-61, antenna gain=1.93dBi.						

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