

MPE ESTIMATION

FCC ID: 2AWHY-W0001

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

Note: F= Frequency in MHz

2. Estimation Result

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	12.96	12±1(13)	19.95	2	1.5849	0.006294
11g	12.31	12±1(13)	19.95	2	1.5849	0.006294
11n/HT20	12.24	12±1(13)	19.95	2	1.5849	0.006294
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power.						
Conducted power see the test report UNIA20041502ER-01, antenna gain=2dBi.						

Conclusion: Compliance RF Exposure requirement.

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