

MPE ESTIMATION
FCC ID: 2AV5U-YO

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	12.54	12±1(13)	19.95	0	1	0.003971
11g	12.13	12±1(13)	19.95	0	1	0.003971
11n/HT20	11.34	11±1(12)	15.85	0	1	0.003154
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA20031201ER-01, antenna gain=0dBi.						

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold
-----The End-----