

MPE ESTIMATION
 FCC ID: Z52NIP-23AI

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

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	12.52	12±1(13)	19.95	1	1.2589	0.004999
11g	12.11	12±1(13)	19.95	1	1.2589	0.004999
11n/HT20	11.94	11±1(12)	15.85	1	1.2589	0.003791
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA19081410FR-01, antenna gain=1dBi.						

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

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