

MPE ESTIMATION

FCC ID: 2A396DIY-WF-SMART

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	12.04	12±1(13)	19.95	3	1.9953	0.007923
11g	10.67	11±1(12)	15.85	3	1.9953	0.006295
11n/HT20	10.27	11±1(12)	15.85	3	1.9953	0.006295
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power=conducted power.						
Conducted power see the test report UNIA22081916ER-61, antenna gain=3dBi.						

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