

MPE ESTIMATION

FCC ID: 2A7Z3G9-48

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	12.59	12±1(13)	19.95	2.69	0.5383	0.002138
11g	12.27	12±1(13)	19.95	2.69	0.5383	0.002138
11n/HT20	11.69	11±1(12)	15.85	2.69	0.5383	0.001698
11n/HT40	10.89	11±1(12)	15.85	2.69	0.5383	0.001698

$$Pd = \frac{P_{out} * G}{4\pi r^2}$$

Note:

Note: The estimation distance is 20cm.

Note: PK Output power=conducted power.

Conducted power see the test report UNIA22070801ER-61, antenna gain=2.69dBi.

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