

MPE ESTIMATION
 FCC ID: 2A2QE-YJ5

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	15.10	16±1(17)	50.119	2.21	1.6634	0.016586
11g	11.53	12±1(13)	19.953	2.21	1.6634	0.006603
11n/HT20	9.38	10±1(11)	12.589	2.21	1.6634	0.004166
11n/HT40	6.66	7±1(8)	6.31	2.21	1.6634	0.002088

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

Note:

Note: The estimation distance is 20cm.

Note: PK Output power=conducted power.

Conducted power see the test report UNIA23011301ER-61, antenna gain=2.21dBi.

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