

MPE ESTIMATION
 FCC ID: 2A2QE-XMWLA

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	16.47	16±1(17)	50.119	2.21	1.6634	0.022047
11g	14.14	14±1(15)	31.623	2.21	1.6634	0.013911
11n/HT20	11.44	11±1(12)	15.849	2.21	1.6634	0.006972
11n/HT40	9.21	9±1(10)	10	2.21	1.6634	0.004399

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

Note:

Note: The estimation distance is 20cm.

Note: PK Output power=conducted power.

Conducted power see the test report ZKT23051916ER-61, antenna gain=2.21dBi.

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