

MPE ESTIMATION

FCC ID: ZPD-TSZ7FST19LD

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	17.46	17±1(18)	63.10	2.4	1.7378	0.021814
11g	14.65	15±1(16)	39.81	2.4	1.7378	0.013764
11n/HT20	12.76	13±1(14)	25.12	2.4	1.7378	0.008684
11n/HT40	10.13	10±1(11)	12.59	2.4	1.7378	0.004352
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power=conducted power. Conducted power see the test report UNIA23020613ER-61, antenna gain=2.4dBi.						

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