

# MPE ESTIMATION

FCC ID: AMB-JN7

## 1,Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm <sup>2</sup> )	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Note: F= Frequency in MHz

## 2, Estimation Result

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm <sup>2</sup> )
11b	CH1	25.42	348.3373	1.5	1.41254	0.978910
	CH6	25.31	339.6253	1.5	1.41254	0.954428
	CH11	25.18	329.6097	1.5	1.41254	0.926281
11g	CH1	24.81	302.6913	1.5	1.41254	0.850634
	CH6	23.96	248.8857	1.5	1.41254	0.699428
	CH11	24.14	259.4179	1.5	1.41254	0.729026
11n/HT20	CH1	22.79	190.1078	1.5	1.41254	0.534248
	CH6	23.18	207.9697	1.5	1.41254	0.584444
	CH11	22.41	174.1807	1.5	1.41254	0.489489
11n/HT40	CH3	19.03	79.98343	1.5	1.41254	0.224772
	CH6	20.21	104.9542	1.5	1.41254	0.294946
	CH9	19.74	94.18896	1.5	1.41254	0.264693
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report BZT13081512ER, antenna gain=1.5dBi.						