

MPE ESTIMATION
FCC ID: 2ANO8FA01

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	12.63	12±1(13)	19.95	1	1.2589	0.00500
11g	11.72	12±1(13)	19.95	1	1.2589	0.00500
11n/HT20	11.35	11±1(12)	15.89	1	1.2589	0.00398
11n/HT40	10.65	11±1(12)	15.89	1	1.2589	0.00398

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report UNI170628150-E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	CH1	12.63	18.32	1	1.2589	0.00459
	CH6	12.41	17.42	1	1.2589	0.00437
	CH11	12.25	16.79	1	1.2589	0.00421
11g	CH1	11.72	14.86	1	1.2589	0.00372
	CH6	11.58	14.39	1	1.2589	0.00361
	CH11	11.63	14.55	1	1.2589	0.00365
11n/HT20	CH1	11.35	13.65	1	1.2589	0.00342
	CH6	11.19	13.15	1	1.2589	0.00330
	CH11	11.24	13.30	1	1.2589	0.00333
11n/HT40	CH1	10.65	11.61	1	1.2589	0.00291
	CH4	10.47	11.14	1	1.2589	0.00279
	CH7	10.34	10.81	1	1.2589	0.00271
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report UNI170628150-E, antenna gain=1dBi.						

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