

MPE ESTIMATION
FCC ID: 2AME6-WF24

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/cm²)
11b	14.54	15±1(16)	39.81	2	1.585	0.01256
11g	13.22	13±1(14)	25.12	2	1.585	0.00793
11n/HT20	12.57	13±1(14)	25.12	2	1.585	0.00793
11n/HT40	10.88	11±1(12)	15.85	2	1.585	0.00500
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report UNI170618074-E, antenna gain=2dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	CH1	14.54	28.44	2	1.585	0.00897
	CH6	14.11	25.76	2	1.585	0.00813
	CH11	14.08	25.59	2	1.585	0.00807
11g	CH1	13.22	20.99	2	1.585	0.00662
	CH6	13.08	20.32	2	1.585	0.00641
	CH11	13.11	20.46	2	1.585	0.00645
11n/HT20	CH1	12.57	18.07	2	1.585	0.00570
	CH6	12.32	17.06	2	1.585	0.00538
	CH11	12.16	16.44	2	1.585	0.00519
11n/HT40	CH3	10.88	12.25	2	1.585	0.00386
	CH6	10.36	10.86	2	1.585	0.00343
	CH9	10.22	10.52	2	1.585	0.00332
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report UNI170618074-E, antenna gain=2dBi.						

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