

MPE ESTIMATION
FCC ID: 2ANMJ-Q8

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	13.35	13±1(14)	25.12	2	1.585	0.00793
11g	12.75	13±1(14)	25.12	2	1.585	0.00793
11n/HT20	12.33	12±1(13)	19.95	2	1.585	0.00629
11n/HT40	11.88	12±1(13)	19.95	2	1.585	0.00629
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report HUAK170620094-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	13.35	21.63	2	1.585	0.00682
	CH6	13.21	20.94	2	1.585	0.00661
	CH11	13.08	20.32	2	1.585	0.00641
11g	CH1	12.75	18.84	2	1.585	0.00594
	CH6	12.59	18.16	2	1.585	0.00573
	CH11	12.36	17.22	2	1.585	0.00543
11n/HT20	CH1	12.33	17.10	2	1.585	0.00539
	CH6	12.11	16.26	2	1.585	0.00513
	CH11	12.02	15.92	2	1.585	0.00502
11n/HT40	CH3	11.88	15.42	2	1.585	0.00486
	CH6	11.69	14.76	2	1.585	0.00466
	CH9	11.55	14.29	2	1.585	0.00451
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HUAK170620094-E, antenna gain=2dBi.						

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