

MPE ESTIMATION
FCC ID: 2ANJX-G101

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	14.34	14±1(15)	31.62	1	1.2589	0.00792
11g	14.16	14±1(15)	31.62	1	1.2589	0.00792
11n/HT20	13.52	14±1(15)	31.62	1	1.2589	0.00792
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power.						
Conducted power see the test report HK1706080138-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	14.34	27.16	1	1.2589	0.00681
	CH6	14.26	26.67	1	1.2589	0.00668
	CH11	14.31	26.98	1	1.2589	0.00676
11g	CH1	14.16	26.06	1	1.2589	0.00653
	CH6	14.05	25.41	1	1.2589	0.00637
	CH11	14.11	25.76	1	1.2589	0.00645
11n/HT20	CH1	13.52	22.49	1	1.2589	0.00564
	CH6	13.24	21.09	1	1.2589	0.00528
	CH11	13.37	21.73	1	1.2589	0.00545
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK1706080138-E, antenna gain=1dBi.						

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