

MPE ESTIMATION
FCC ID: 2ANJX-QC21

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	14.42	14±1(15)	31.62	1	1.2589	0.00792
11g	14.06	14±1(15)	31.62	1	1.2589	0.00792
11n/HT20	13.44	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 HK1706080139-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	14.42	27.67	1	1.2589	0.00693
	CH6	14.33	27.10	1	1.2589	0.00679
	CH11	14.39	27.48	1	1.2589	0.00689
11g	CH1	14.06	25.47	1	1.2589	0.00638
	CH6	13.85	24.27	1	1.2589	0.00608
	CH11	13.97	24.95	1	1.2589	0.00625
11n/HT20	CH1	13.44	22.08	1	1.2589	0.00553
	CH6	13.16	20.70	1	1.2589	0.00519
	CH11	13.28	21.28	1	1.2589	0.00533
$Pd = \frac{P_{out} * G}{4\pi r^2} ;$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK1706080139-E, antenna gain=1dBi.						

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