

MPE ESTIMATION
FCC ID: 2AMUF-BC1

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	15.56	15±1(16)	39.81	1	1.2589	0.00998
11g	14.64	15±1(16)	39.81	1	1.2589	0.00998
11n/HT20	11.74	11±1(12)	15.85	1	1.2589	0.00397
11n/HT40	10.56	11±1(12)	15.85	1	1.2589	0.00397

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

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.
Conducted power see the test report HK170619072-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	15.56	35.97	1	1.2589	0.00901
	CH6	15.13	32.58	1	1.2589	0.00816
	CH11	15.06	32.06	1	1.2589	0.00803
11g	CH1	14.64	29.11	1	1.2589	0.00729
	CH6	14.33	27.10	1	1.2589	0.00679
	CH11	14.12	25.82	1	1.2589	0.00647
11n/HT20	CH1	11.74	14.93	1	1.2589	0.00374
	CH6	11.27	13.40	1	1.2589	0.00336
	CH11	11.15	13.03	1	1.2589	0.00327
11n/HT40	CH3	10.56	13.76	1	1.2589	0.00345
	CH6	10.34	10.81	1	1.2589	0.00271
	CH9	10.26	10.62	1	1.2589	0.00266
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK170619072-E, antenna gain=1dBi.						

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