

MPE ESTIMATION
FCC ID: 2AA47-VEIU

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	14.23	14±1(15)	31.62	1	1.2589	0.00792
11g	13.24	13±1(14)	25.12	1	1.2589	0.00629
11n/HT20	11.75	12±1(13)	19.95	1	1.2589	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 UNI170504016-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	14.23	26.49	1	1.2589	0.00664
	CH6	14.11	25.76	1	1.2589	0.00645
	CH11	14.06	25.47	1	1.2589	0.00638
11g	CH1	13.24	21.09	1	1.2589	0.00528
	CH6	13.16	20.70	1	1.2589	0.00519
	CH11	13.02	20.04	1	1.2589	0.00502
11n/HT20	CH1	11.75	14.96	1	1.2589	0.00375
	CH6	11.26	13.37	1	1.2589	0.00335
	CH11	11.17	13.09	1	1.2589	0.00328
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report UNI170504016-E, antenna gain=1dBi.						

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