MPE ESTIMATION

FCC ID: 2AWDKZY-D28-TW

1. Limit for General Population/Uncontrolled Exposures

Frequency	Power density(mW/cm2)	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	12.28	12±1(13)	19.95	0	1	0.003971
11g	11.70	11±1(12)	15.85	0	1	0.003155
11n/HT20	10.86	10±1(11)	12.59	0	1	0.002506

Note: $Pd = \frac{Pout * G}{4\pi r^2}$

Note: The estimation distance is 20cm.

Note: PK Output power= conducted power.

Conducted power see the test report UNIA20041004ER-01, antenna gain=0dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm^2)
11b	1	12.28	16.90	0	1	0.003364
	6	11.96	15.70	0	1	0.003125
	11	12.11	16.26	0	1	0.003236
11g	1	11.55	14.29	0	1	0.002844
	6	11.70	14.79	0	1	0.002944
	11	11.48	14.06	0	1	0.002799
11n/HT20	1	10.86	12.19	0	1	0.002426
	6	10.77	11.94	0	1	0.002377
	11	10.80	12.02	0	1	0.002393

Note: $Pd = \frac{Pout * G}{4\pi r^2}$

Note: The estimation distance is 20cm.

Note: PK Output power= conducted power.

Conducted power see the test report UNIA20041004ER-01, antenna gain=0dBi.

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