

MPE ESTIMATION

FCC ID: 2AOND-IKAMAND

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	13.18	13 ± 1(14)	25.12	0	1	0.005000
11g	11.28	11 ± 1(12)	15.85	0	1	0.003155
11n/HT20	9.77	9 ± 1(10)	10	0	1	0.001990
$Pd = \frac{Pout * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power.						
Conducted power see the test report UNIA20181 10505FR-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	13.18	20.80	0	1	0.004140
	6	12.85	19.28	0	1	0.003838
	11	12.92	19.59	0	1	0.003899
11g	1	11.28	13.43	0	1	0.002673
	6	10.95	12.45	0	1	0.002478
	11	10.87	12.22	0	1	0.002432
11n/HT20	1	9.65	9.23	0	1	0.001837
	6	9.77	9.48	0	1	0.001887
	11	9.68	9.29	0	1	0.001849
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power.						
Conducted power see the test report UNIA20181 10505FR-01, antenna gain=0dBi.						

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