

MPE ESTIMATION

FCC ID:2AOND-IKAMAND19

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 <sup>2</sup> )
11b	12.95	12 ± 1(13)	19.95	0	1	0.003971
11g	11.32	11 ± 1(12)	15.85	0	1	0.003155
11n/HT20	10.12	10 ± 1(11)	12.59	0	1	0.002506
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA2018121208FR-01, antenna gain=0dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm <sup>2</sup> )
11b	1	12.95	19.72	0	1	0.003964
	6	12.70	18.62	0	1	0.003706
	11	12.85	19.28	0	1	0.003837
11g	1	11.32	13.55	0	1	0.002697
	6	11.25	13.34	0	1	0.002655
	11	11.17	13.09	0	1	0.002605
11n/HT20	1	9.85	9.66	0	1	0.001922
	6	10.12	10.28	0	1	0.002046
	11	9.78	9.51	0	1	0.001893
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA2018121208FR-01, antenna gain=0dBi.						

### 3. Test Result

PASS

-----The End-----