

## MPE ESTIMATION

FCC ID: 2AQ2R-OCFS

### 1. Limit for General Population/Uncontrolled Exposures

Frequency	Power density(mW/cm <sup>2</sup> )	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	9.89	9±1(10)	10	0	1	0.001990
11g	9.16	9±1(10)	10	0	1	0.001990
11n/HT20	8.75	8±1(9)	7.94	0	1	0.001580

$$Pd = \frac{P_{out} * G}{4\pi r^2}$$

Note:

Note: The estimation distance is 20cm.

Note: PK Output power= conducted power.

Conducted power see the test report UNIA2018070927FR-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	9.89	9.75	0	1	0.001941
	6	9.92	9.82	0	1	0.001955
	11	9.84	9.64	0	1	0.001919
11g	1	9.16	8.24	0	1	0.001640
	6	9.07	8.07	0	1	0.001606
	11	9.12	8.17	0	1	0.001626
11n/HT20	1	8.62	7.28	0	1	0.001449
	6	8.75	7.50	0	1	0.001493
	11	8.64	7.31	0	1	0.001455
$Pd = \frac{Pout * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power.						
Conducted power see the test report UNIA2018070927FR-01, antenna gain=0dBi.						

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