

FCC ID: QE7YE-880IOTWL

Frequency	Power density(mW/cm2)	Averaging time(minutes)
300MHz---1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

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/cm²)
11b	12.72	12±1(13)	19.95	1	1.2589	0.004999
11g	12.38	12±1(13)	19.95	1	1.2589	0.004999
11n/HT20	11.75	11±1(12)	15.85	1	1.2589	0.003971
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power.						
Conducted power see the test report UNIA19042511FR-01, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	1	12.47	17.66	1	1.2589	0.004425
	6	12.41	17.42	1	1.2589	0.004365
	11	12.72	18.71	1	1.2589	0.004688
11g	1	12.05	16.03	1	1.2589	0.003935
	6	12.38	16.67	1	1.2589	0.004017
	11	12.25	16.79	1	1.2589	0.004207
11n/HT20	1	11.75	14.96	1	1.2589	0.003749
	6	11.64	14.59	1	1.2589	0.003655
	11	11.53	14.22	1	1.2589	0.003564
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA19042511FR-01, antenna gain=1dBi.						

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold
 -----The End-----