

FCC ID: 2ABO5-C48S

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	13.95	13±1(14)	25.12	3	1.2589	0.018885
11g	13.65	13±1(14)	25.12	3	1.2589	0.018885
11n/HT20	12.96	12±1(13)	19.95	3	1.2589	0.014997
11n/HT40	12.42	12±1(13)	19.95	3	1.2589	0.014997

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

Note:

Note: The estimation distance is 20cm.

Note: PK Output power= conducted power.

Conducted power see the test report UNIA19030103FR-01, antenna gain=3dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
11b	1	13.89	23.49	3	1.2589	0.018408
	6	13.62	23.01	3	1.2589	0.017301
	11	13.95	24.83	3	1.2589	0.018666
11g	1	13.51	22.44	3	1.2589	0.016869
	6	13.65	23.17	3	1.2589	0.017421
	11	13.36	21.68	3	1.2589	0.016296
11n/HT20	1	12.96	19.77	3	1.2589	0.014862
	6	12.67	18.49	3	1.2589	0.013902
	11	12.75	18.84	3	1.2589	0.014160
11n/HT40	3	12.31	17.02	3	1.2589	0.012795
	6	12.36	17.22	3	1.2589	0.012945
	9	12.42	17.46	3	1.2589	0.013125
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA19030103FR-01, antenna gain=3dBi.						

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