

FCC ID: 2ANTC-SD04W

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/cm ²)
11b	9.91	9±1(10)	10	1	1.2589	0.002506
11g	9.33	9±1(10)	10	1	1.2589	0.002506
11n/HT20	8.55	8±1(9)	7.94	1	1.2589	0.001990
11n/HT40	7.84	7±1(8)	6.31	1	1.2589	0.001581

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

Note:

Note: The estimation distance is 20cm.

Note: PK Output power= conducted power.

Conducted power see the test report UNIA2018052802-1FR-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	9.86	9.68	1	1.2589	0.002426
	6	9.91	9.79	1	1.2589	0.002453
	11	9.77	9.48	1	1.2589	0.002375
11g	1	9.12	8.17	1	1.2589	0.002047
	6	9.33	8.57	1	1.2589	0.002147
	11	9.25	8.41	1	1.2589	0.002107
11n/HT20	1	8.55	7.16	1	1.2589	0.001794
	6	8.47	7.03	1	1.2589	0.001762
	11	8.32	6.79	1	1.2589	0.001701
11n/HT40	3	7.72	5.92	1	1.2589	0.001483
	6	7.65	5.82	1	1.2589	0.001458
	9	7.84	6.08	1	1.2589	0.001524
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: PK Output power= conducted power. Conducted power see the test report UNIA2018052802-1FR-01, antenna gain=1dBi.						

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