MPE ESTIMATION
FCC ID: 2AQAU-D300P

1,**Limit for General Population/ Uncontrolled Exposures**

Frequency	**Power density (mW/ cm^2)**	**Averaging time(minutes)**
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Note: F= Frequency in MHz

2, Estimation Result

For 2.4G WIFI:

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	13.52	13±1(14)	25.12	1	1.2589	0.00629
11g	12.89	12±1(13)	19.95	1	1.2589	0.00500
11n/HT20	12.46	12±1(13)	19.95	1	1.2589	0.00500
11n/HT40	11.75	11±1(12)	15.85	1	1.2589	0.00397
Note: $Pd = \frac{Pout * G}{4\pi r^2}$;						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK180627348-E, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	13.52	22.49	1	1.2589	0.00564
	CH6	13.37	21.73	1	1.2589	0.00544
	CH11	13.14	20.61	1	1.2589	0.00516
11g	CH1	12.89	19.45	1	1.2589	0.00487
	CH6	12.67	18.49	1	1.2589	0.00463
	CH11	12.55	17.99	1	1.2589	0.00451
11n/HT20	CH1	12.31	17.02	1	1.2589	0.00427
	CH6	12.46	17.62	1	1.2589	0.00442
	CH11	12.04	16.00	1	1.2589	0.00401
11n/HT40	CH1	11.75	14.96	1	1.2589	0.00375
	CH4	11.42	13.87	1	1.2589	0.00347
	CH7	11.51	14.16	1	1.2589	0.00355

Note: $Pd = \frac{Pout * G}{4\pi r^2}$;

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK180627348-E, antenna gain=1dBi.

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