MPE ESTIMATION
FCC ID: **2ANJP-ALS08L**

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

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	13.91	13±1(14)	25.12	1	1.2589	0.00629
11g	12.85	12±1(13)	19.95	1	1.2589	0.00500
11n/HT20	12.28	12±1(13)	19.95	1	1.2589	0.00500
11n/HT40	10.67	10±1(11)	12.59	1	1.2589	0.00315
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 HK1904110790-E, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm^2)
11b	CH1	13.91	24.60	1	1.2589	0.00617
	CH6	13.47	22.23	1	1.2589	0.00557
	CH11	13.02	20.04	1	1.2589	0.00502
11g	CH1	12.85	19.28	1	1.2589	0.00483
	CH6	12.79	19.01	1	1.2589	0.00476
	CH11	12.35	17.18	1	1.2589	0.00430
11n/HT20	CH1	11.83	15.24	1	1.2589	0.00382
	CH6	12.28	16.90	1	1.2589	0.00424
	CH11	11.99	15.81	1	1.2589	0.00396
11n/HT40	CH1	10.67	11.67	1	1.2589	0.00292
	CH4	10.34	10.81	1	1.2589	0.00271
	CH7	10.01	10.02	1	1.2589	0.00251

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 HK1904110790-E, antenna gain=1dBi.

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