MPE ESTIMATION
FCC ID: **2ANJP-ALS09L**

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	12.98	12±1(13)	19.95	1	1.2589	0.00500
11g	12.26	12±1(13)	19.95	1	1.2589	0.00500
11n/HT20	11.44	11±1(12)	15.85	1	1.2589	0.00397
11n/HT40	10.75	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 HK1905151113-E, antenna gain=1dBi.

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	12.98	19.86	1	1.2589	0.00498
	CH6	12.87	19.36	1	1.2589	0.00485
	CH11	12.31	17.02	1	1.2589	0.00427
11g	CH1	12.26	16.83	1	1.2589	0.00422
	CH6	11.59	14.42	1	1.2589	0.00361
	CH11	11.97	15.74	1	1.2589	0.00394
11n/HT20	CH1	11.44	13.93	1	1.2589	0.00349
	CH6	11.19	13.15	1	1.2589	0.00330
	CH11	10.81	12.05	1	1.2589	0.00302
11n/HT40	CH1	10.75	11.89	1	1.2589	0.00298
	CH4	10.52	11.27	1	1.2589	0.00282
	CH7	10.03	10.07	1	1.2589	0.00252
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 HK1905151113-E, antenna gain=1dBi.						

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