MPE ESTIMATION
FCC ID: 2AQJL-BL99

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	12.91	12±1(13)	19.95	1	1.2589	0.00500
11g	12.24	12±1(13)	19.95	1	1.2589	0.00500
11n/HT20	11.45	11±1(12)	15.85	1	1.2589	0.00397
11n/HT40	10.58	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 HK1907161763-E, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	12.91	19.54	1	1.2589	0.00490
	CH6	12.85	19.28	1	1.2589	0.00483
	CH11	12.37	17.26	1	1.2589	0.00432
11g	CH1	12.24	16.75	1	1.2589	0.00420
	CH6	11.59	14.42	1	1.2589	0.00361
	CH11	11.73	14.89	1	1.2589	0.00373
11n/HT20	CH1	11.45	13.96	1	1.2589	0.00350
	CH6	11.34	13.61	1	1.2589	0.00341
	CH11	10.68	11.69	1	1.2589	0.00293
11n/HT40	CH1	10.58	11.43	1	1.2589	0.00286
	CH4	10.43	11.04	1	1.2589	0.00277
	CH7	10.21	10.50	1	1.2589	0.00263

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 HK1907161763-E, antenna gain=1dBi.

-------The End-------