MPE ESTIMATION
FCC ID: 2ADAC-NEOT5

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/cm²)
11b	14.62	14±1(15)	31.62	1	1.2589	0.00792
11g	14.24	14±1(15)	31.62	1	1.2589	0.00792
11n/HT20	13.46	13±1(14)	25.12	1	1.2589	0.00629
11n/HT40	12.33	12±1(13)	19.95	1	1.2589	0.00500
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 HK1909032198-1E, antenna gain=1dBi.						

Mode	CH	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
11b	CH1	14.62	28.97	1	1.2589	0.00726
	CH6	14.50	28.18	1	1.2589	0.00706
	CH11	14.36	27.29	1	1.2589	0.00684
11g	CH1	14.24	26.55	1	1.2589	0.00665
	CH6	13.88	24.43	1	1.2589	0.00612
	CH11	13.74	23.66	1	1.2589	0.00593
11n/HT20	CH1	13.46	22.18	1	1.2589	0.00556
	CH6	12.78	18.97	1	1.2589	0.00475
	CH11	12.59	18.16	1	1.2589	0.00455
11n/HT40	CH1	12.33	17.10	1	1.2589	0.00428
	CH4	11.85	15.31	1	1.2589	0.00384
	CH7	11.62	14.52	1	1.2589	0.00364

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 HK1909032198-1E, antenna gain=1dBi.

For BT BLE:

Mode	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
2402	-0.042	0±1(1)	1.26	1	1.2589	0.00032
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 HK1909032198-2E, antenna gain=1dBi.						

Mode	PK Output power(dBm)	Output power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)
2402	-0.042	0.99	1	1.2589	0.00025
2440	-0.812	0.83	1	1.2589	0.00021
2480	-1.109	0.77	1	1.2589	0.00019
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 HK1909032198-2E, antenna gain=1dBi.					