MPE ESTIMATION

FCC ID: 2ADFS-POCKET-R-2

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

	Frequency (MHz)	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (numerical)	MPE (mW/cm²)
2.4GWiFi	2437	13.91	13±1(14)	25.119	3.04	2.01	0.01007
5.2GWiFi	5180	5.80	5±1(6)	3.981	2.22	1.67	0.00132

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2410246283-1E/2E**, 2.4GWiFi antenna gain=3.04dBi, 5GWiFi antenna=2.22dBi.

2.4GWiFi and 5GWiFi cannot be transmitted at the same time.

When the minimum test separation distance is >20 cm, a distance of 20 cm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.01007mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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