

MPE ESTIMATION
 FCC ID: 2AWV6-STV6980

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)
BLE	2.32	2±1(3)	1.995	0	1	0.0004
EDR	4.525	4±1(5)	3.162	0	1	0.00063
2.4G	12.02	12±1(13)	19.953	2	1.5849	0.00629
5.2G	10.95	10±1(11)	12.589	2	1.5849	0.00397
5.8G	11.02	11±1(12)	15.849	2	1.5849	0.005

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK2007141876-1E/2E/3E/4E/5E,

BTGantenna gain=0dBi

2.4Gantenna gain=2dBi.

5.2Gantenna gain=2dBi.

5.8Gantenna gain=2dBi.

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