

MPE ESTIMATION

FCC ID: 2AVW3-EBX601CG

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

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)
BT	9.42	8.5±1(9.5)	8.91	2	1.58	0.00280
5.2GWIFI	9.28	8.5±1(9.5)	8.91	2	1.58	0.00280
5.8GWIFI	11.04	10.5±1(11.5)	14.13	2	1.58	0.00444
$Pd = \frac{P_{out} * G}{4\pi r^2};$ Note: Note: The estimation distance is 20cm The device could not transmit simultaneously in BT, WIFI. Note: PK Output power= conducted power. Conducted power see the test report HK2108162914-1E/2E/3E. Gantenna gain=2dBi						

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 0.00444mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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