

MPE ESTIMATION  
FCC ID: 2AZ47-3021FS

**1, Limit for General Population/ Uncontrolled Exposures**

Frequency	Power density (mW/ cm <sup>2</sup> )	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 <sup>2</sup> )
BLE	-14.008	-15±1(-14)	0.04	3	2	0.00002
EDR	8.012	7.5±1(8.5)	7.08	3	2	0.00282
2.4GWIFI	9.28	9±1(10)	10	3	2	0.00398
5.2GWIFI	16.34	16±1(17)	50.12	3	2	0.01995
5.8GWIFI	12.84	12±1(13)	19.95	3	2	0.00794
$Pd = \frac{Pout * G}{4\pi r^2} :$						
Note:						
Note: The estimation distance is 20cm						
The device could not transmit simultaneously in BT and WIFI.						
Note: PK Output power= conducted power.						
Conducted power see the test report HK2105101404-1E/2E/3E/4E/5E.						
Gantenna gain=3dBi						

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 0.01995mW/cm<sup>2</sup> which is< 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

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