

MPE ESTIMATION  
 FCC ID: 2ALU5G103RX

**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> )
5.2GWIFI	12.35	12±1(13)	19.95	2.22	1.67	0.00663

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

Note:

Note: The estimation distance is 20cm  
 The device could not transmit simultaneously in 5.2GWIFI

Note: PK Output power= conducted power.  
 Conducted power see the test report HK2208123552-E.  
 Gantenna gain=2.22dBi

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 0.00663mW/cm<sup>2</sup> which is < 1.0mW/cm<sup>2</sup>, RF Exposure testing is not required.

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