



MPE ESTIMATION

FCC ID: 2A8IF-ZT-Q3200AT

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

	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (numerical)	MPE (mW/cm ²)
WIFI	20.33	20±1(21)	125.89	1	1.26	0.03155
BLE	0.33	0±1(1)	1.26	1	1.26	0.00032

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

Note:

Note: The estimation distance is 32cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2207273260-1E/2E**, antenna gain=1dBi

when the minimum test separation distance is >20 cm, a distance of 32 cm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.03155 mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

minimum test separation distance photo as follows:



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