

MPE ESTIMATION

FCC ID: 2BO2C-JT-911

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 315MHz:

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)
315	-29.65	-29±1(-28)	0.00158	0	1.00	0.000000315

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power = conducted power.

Conducted power see the test report HK2504141859-E, antenna gain = 0dBi;
EIRP(dBm)=65.55(dBuV/m)-95.2= -29.65(dBm)

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 0.000000315 mW/cm² which is < 0.21 mW/cm², RF Exposure testing is not required.

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