

MPE ESTIMATION

FCC ID: 2AZ2V-ZSE70800

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

908.4MHz:

EIRP(dBm)=79.39(dBuV/m)-95.2=-15.81(dBm)

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)
908.4	-15.81	-15±1(-14)	0.04	-2.03	0.63	0.000005
920	-0.48	-1.2±1(-0.2)	0.95	-1.82	0.66	0.0013

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report HK2403081035-1E/2E,

antenna gain=-2.03dBi;

antenna gain=-1.82dBi

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 0.0013 which is < 1.0, RF Exposure testing is not required.

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