

MPE ESTIMATION

FCC ID: 2BF20-ZJQ-2

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 2.4GWIFI:

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)
ANT.1	12.73	12±1(13)	19.95	1.44	1.39	0.00553
ANT.2	12.46	12±1(13)	19.95	1.44	1.39	0.00553
MIMO	/	/	/	/	/	0.01106

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

Note:

Note: The estimation distance is 20cm

Note: PK Output power= conducted power.

Conducted power see the test report DL-240605003ER, antenna gain=1.44

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 0.01106 which is < 1.0, RF Exposure testing is not required.

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