



MPE ESTIMATION

FCC ID: 2BELP-TMB-S2

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)
EDR	10.28	10±1(11)	12.589	2.0	1.58	0.00397
2.4GWIFI	15.52	15±1(16)	39.811	2.0	1.58	0.01256
5.8GWIFI	9.10	9±1(10)	10.000	2.0	1.58	0.00315

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2401020027-1E/2E/3E**, antenna gain=2.0dBi

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 0.01256mW/cm² which is< 1.0mW/cm², RF Exposure testing is not required.

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