



MPE ESTIMATION

FCC ID: 2A6L9-HDCE5200W

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

Mode	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (numerical)	MPE (mW/cm ²)
Antenna 1	12.86	12±1(13)	19.95	1	1.26	0.005
Antenna 2	14.31	14±1(15)	31.62	1	1.26	0.008
MIMO						0.013

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2203111031-E**, Antenna 1:1dBi

Antenna 2:1dBi

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

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