



MPE ESTIMATION

FCC ID: 2AUAI-FV-BE8800

1, Per FCC Part 2.1091 Radiofrequency radiation exposure evaluation: mobile devices, the 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	Frequency (MHz)	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
5.2G WIFI Ant. 1	5190	5.68	5±1(6)	3.98	3	2.00	0.00158
5.2G WIFI Ant. 2	5180	6.24	6±1(7)	5.01	3	2.00	0.00199
MIMO	/	/	/	/	/	/	0.00357

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2401030060-E**, antenna gain=3dBi,

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 0.00357 mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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