



MPE ESTIMATION

FCC ID: 2BVME-M901

1, According to §1.1310, 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

	Frequency (MHz)	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (numerical)	MPE (mW/cm ²)	Limit (mW/cm ²)
2.4GWiFi	2412	12.42	12±1(13)	19.953	1.77	1.503	0.00597	1.0
5.2GWiFi	5200	5.97	5±1(6)	3.981	-0.14	0.968	0.00077	1.0
5.8GWiFi	5745	5.89	5±1(6)	3.981	1.31	1.352	0.00107	1.0

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power in mW.

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna in cm

Conducted power see the test report **DLE-260519014R/DLE-260519015R/DLE-260519016R**, 2.4GWiFi antenna gain=1.77dBi, 5.2GWiFi antenna gain=-0.14dBi, 5.8GWiFi antenna gain=1.31dBi.

2.4G WiFi, 5.2G WiFi and 5.8G WiFi cannot be transmitted simultaneously.

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 0.00597mW/cm² which is< 1.0 mW/cm², RF Exposure testing is not required.

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