



MPE ESTIMATION

FCC ID: 2AYTJAX210-PRO

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

BT/WIFI

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)
EDR	2480	11.42	11±1(12)	15.85	0	1.0000	0.00315
BLE	2480	9.97	9±1(10)	10.00	0	1.0000	0.00199
2.4GWIFI ANT.1	2442	25.97	25±1(26)	398.11	0	1.0000	0.07920
2.4GWIFI ANT.2	2442	25.98	25±1(26)	398.11	0	1.0000	0.07920
MIMO	/	/	/	/	/	/	0.15840
5.2GWIFI ANT.1	5200	21.64	21±1(22)	158.49	0	1.0000	0.03153
5.2GWIFI ANT.2	5200	21.22	21±1(22)	158.49	0	1.0000	0.03153
MIMO	/	/	/	/	/	/	0.06306
5.8GWIFI ANT.1	5785	21.40	22±1(23)	199.53	0	1.0000	0.03970
5.8GWIFI ANT.2	5825	21.26	22±1(23)	199.53	0	1.0000	0.03970
MIMO	/	/	/	/	/	/	0.07940

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

Note:

Note: The estimation distance is 20cm

Note:

PK Output power= conducted power.

Conducted power see the test report HK2101180242-1E/2E/3E/4E/5E, antenna gain=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 0.00706 mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

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