

MPE ESTIMATION

FCC ID: 2A2QE-AT1889

1. Limit for General Population/Uncontrolled Exposures

Frequency	Power Density(mW/cm2)	Averaging Time(minutes)
300MHz-1.5GHz	F/1500	30
1.5GHz-100GHz	1.0	30

Note: F= Frequency in MHz

2. Estimation Result

BLE:

Frequency (MHz)	Reading result(dBμV)	Conducted power(dBm)	Tune Up Power(dBm)	Max Tune Up Power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm²)	Power Density(mW/cm2) Limit	Result
2402	106.89	11.69	12±1(13)	19.953	2.5	1.7783	0.007059	1.0	PASS

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

Note:

Note: The estimation distance is 20cm.

Note: Conducted power see the test report UNIA23022804ER-61, antenna gain=2.5dBi.

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