

MPE ESTIMATION

FCC ID: 2BCHR-AOS3066A

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: Worst case

Frequency	Reading result(dBμV)	EIRP (dBm)	Tune Up Power (dBm)	Max Tune Up Power(mW)	MPE (mW/cm²)	Power Density(mW/cm2) Limit	Result
GFSK 2402 MHz	91.17	-4.03	-4±1(-3)	0.501	0.000100	1.0	PASS

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

Note:

Note: The estimation distance is 20cm.

Note: Reading result see the test report 23081005ER-61.

EIRP = Reading result - 95.2

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