



深圳市杰迅通无线技术有限公司

Shenzhen JieXunTong Wireless Technology Co., Ltd.

No. 30, Aviation Road, Guwu District, Shenzhen City, Guangdong
Province. Tong'an Logistics Information Port, Room A-409, 425-426

Antenna Report

Name: WLMOUSE RECEIVER

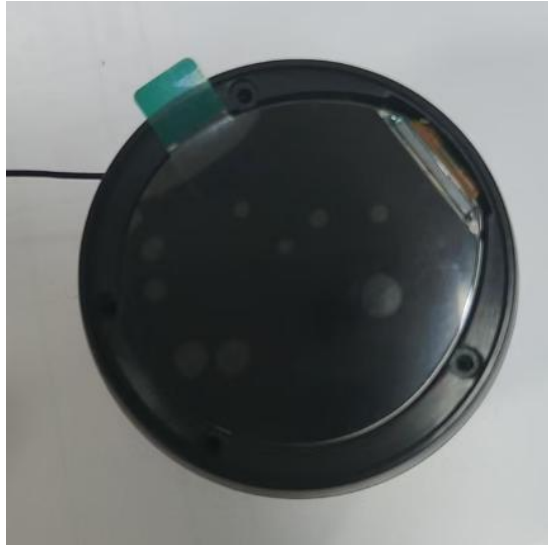
frequency: 2.4G

ANT Type: Integral

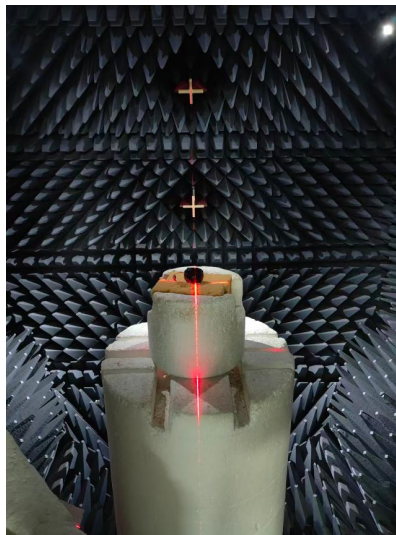
date: 2025-11-6



一. ANT Photo



二. Test Photo

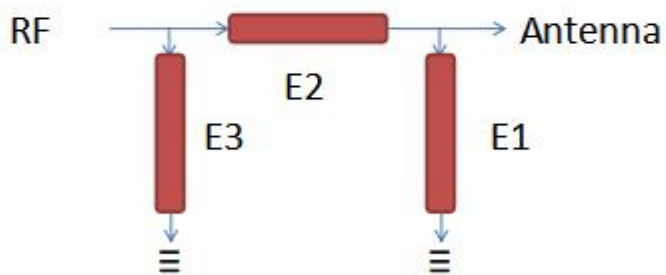




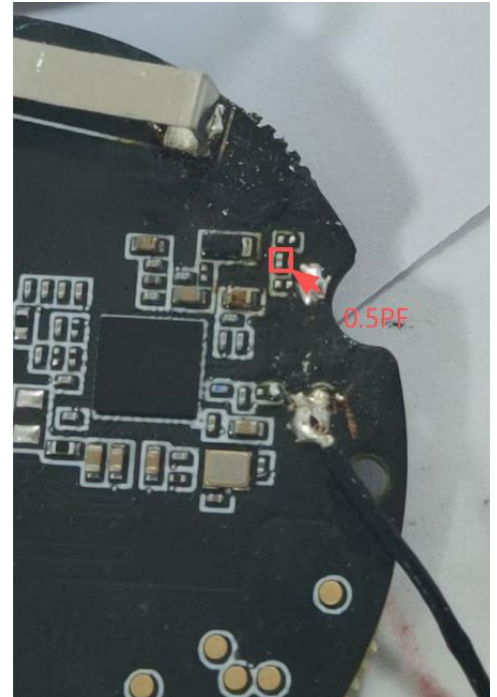
三、ANTENNA MATCH

3.1.ANT

E1	E2	E3
NC	0.5PF	NC



注：主板E2串联一个0.5PF的电容



四. specification

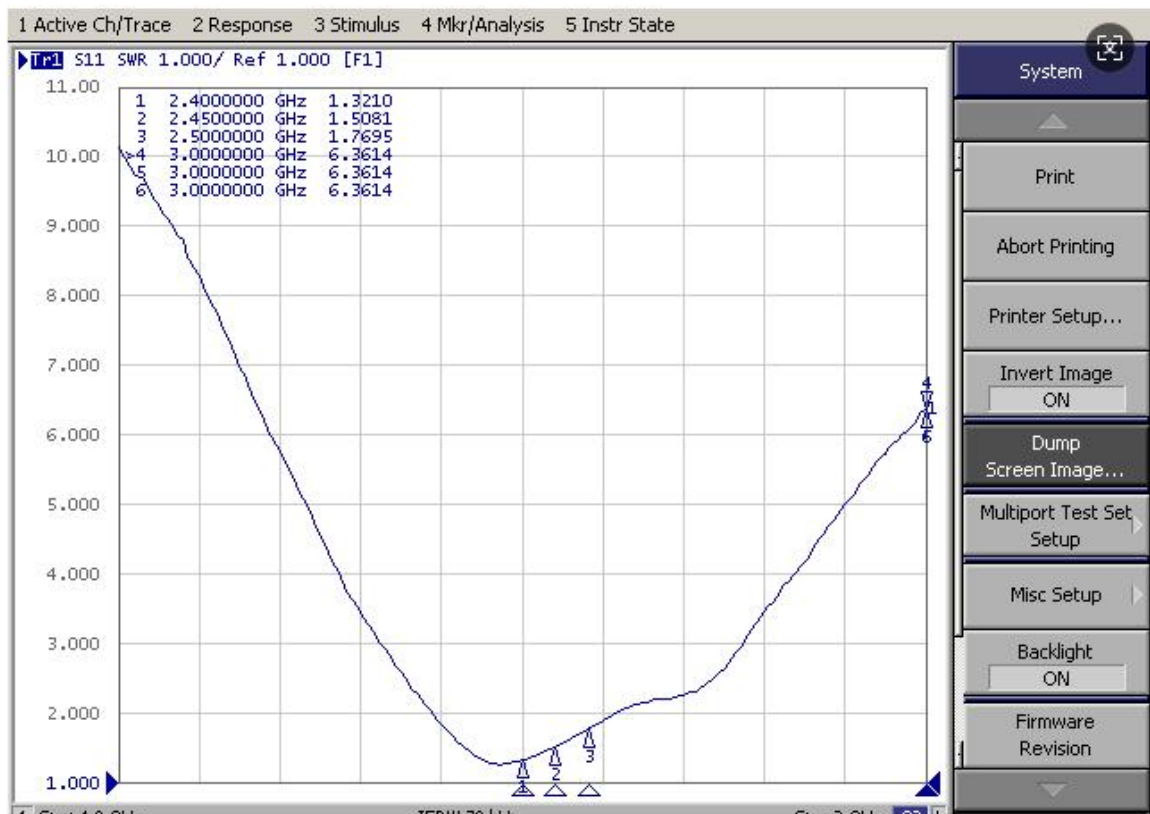
无源电性能指标 Passive Electrical Specifications

频率范围 Frequency Range (MHz)	2400-2500MHZ
输入阻抗 Input Impendence (Ω)	50
电压驻波比 VSWR	≤ 2
增益 Gain (dBi)	$< 3\text{dBi}$



五. Performance Report

- 驻波比图 VSWR





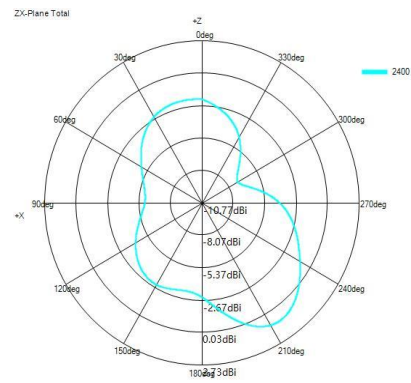
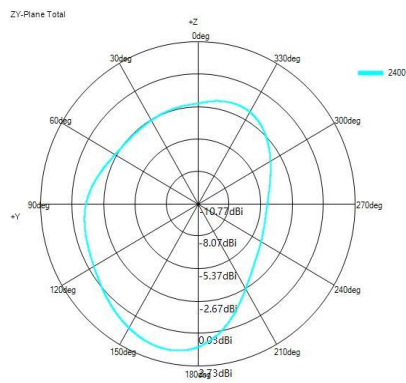
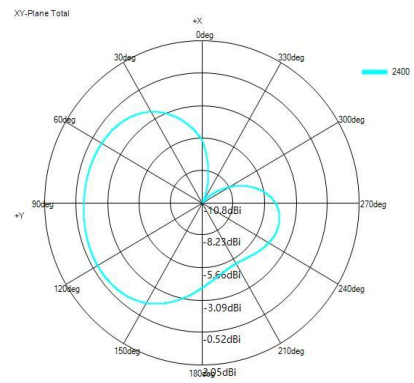
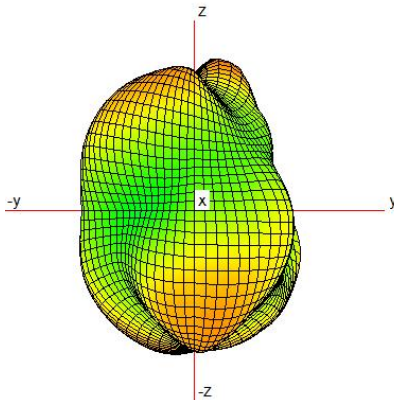
Efficiency Gain

Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	1.99	53.83
2410	2.10	54.67
2420	1.70	53.66
2430	1.54	53.34
2440	1.79	52.59
2450	2.01	53.67
2460	1.56	52.56
2470	1.40	51.11
2480	1.60	50.80
2490	1.66	50.51
2500	1.20	49.31



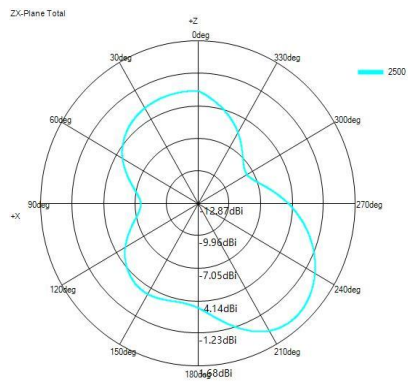
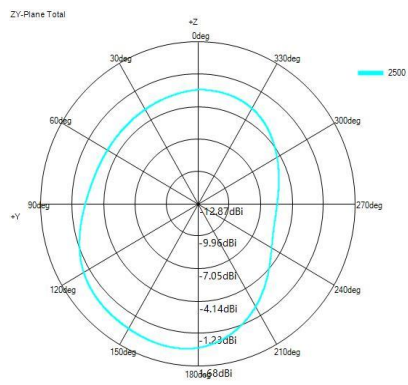
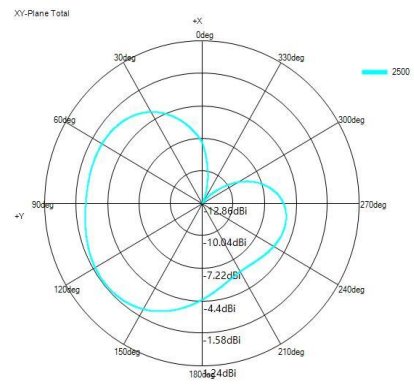
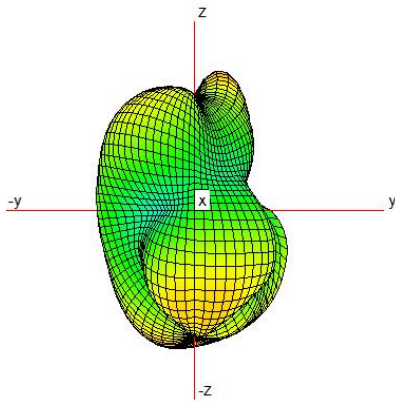
● directional diagram

2400Mhz



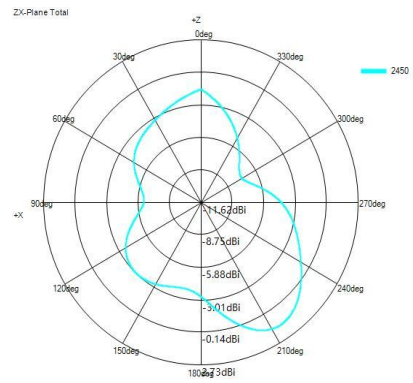
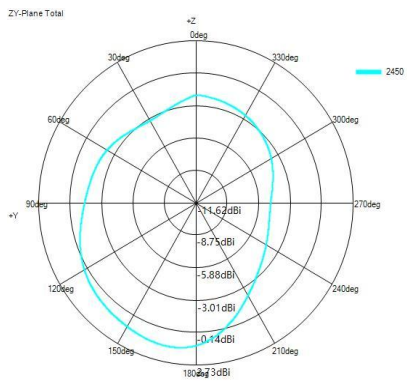
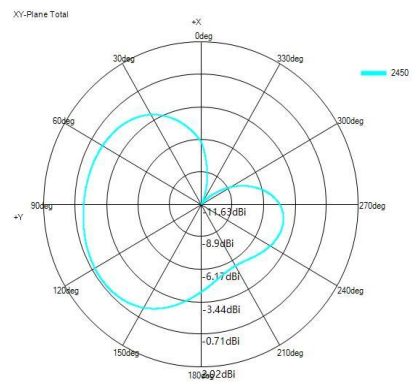
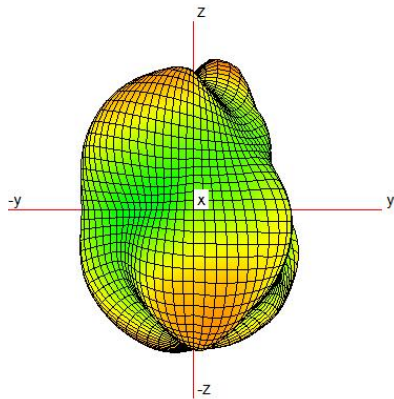


2450Mhz





2500Mhz





六. ANT VIEW

