SPECIFICATION FOR APPROVAL

Custom: DRAGONGLASS TECHNOLOGY(SHENZHEN)CO.,LTD.						
产品名称 PRODUCT NAME: WIFI 2.4G/5.8G ANT						
客户料号 CUSTOMER P/N: DGC3-ANT						
Longxun P/N: 1204-wifi-fpc						
	MANUFACTURER SIGNATURE	CUSTOMER	SIGNATURE			
CHECKED BY:						

APPROVED BY:

DATE:

2024/04/26

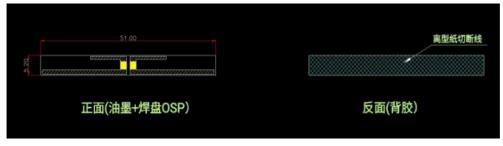
Contents Item Description

1.	Antenna type
2.	Structural diagran
3.	Standing wave ratio
4.	Test report
5.	Mechanical performance testing

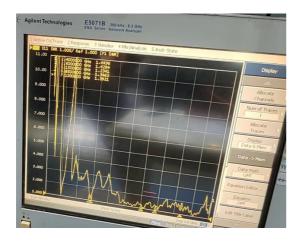
深圳市隆讯科技有限公司

Shenzhen Longxun Technology Co., LTD

- 1. Antenna type
- 2. This is a 2.4-5.8G Monopole antenna for WiFi based on customer design requirements for FPC debugging.
- 3. Product diagram



4, Standing wave ratio

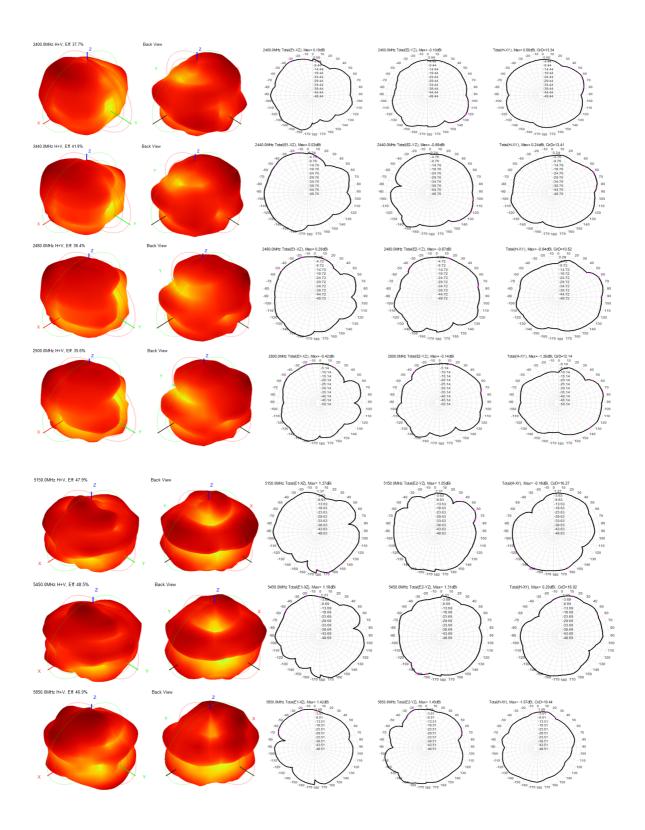


5,Test report

6,Passive gain and efficiency

Frequency/MHz	MaxGain/dBi	Efficiency/%
2400	1.26	37.69
2440	1.77	41.79
2480	1.77	38.42
2500	1.66	35.59
5150	1.37	47.94
5450	1.59	48.49
5850	1.68	46.87

7, Apple chart and directional gain chart



5. Mechanical performance testing

1	摇摆测试 BENDING TEST	Place a load of 120g on the wire end 30cm away from the joint, fix the joint, and conduct a swing test with a swing angle of 60 degrees on each side. After 1000 swings, test the	After 1000 swings, the tested characteristics showed no damage to the electrical
2	强度测试 STRENG TEST	Apply a static load of 15 pounds to the bottom of the payout end for one minute	There is no visible damage to the mechanical and electrical performance
3	拉力测试 PULLING FORCE	Perform tensile testing between the connector and wire using a tensile tester	Can withstand a tensile force of 7Kg without any damage to the electrical performance
4	振动测 试 VIBRATI ON TEST	Vibration in the X-axis direction for 120 minutes, Y-axis direction for 120 minutes, and Z-axis direction for 240 minutes with an amplitude of 1.10mm and a vibration frequency of 33.30Hz/	There is no evidence of damage to the electrical performance