

---

# 天线承认书

Customer Name:

Antenna Band: 2.4G/5.8G

Antenna Model: White color 2.4G-5.8G=

L340 Antenna (With waterproof ring)

Manufacturers:

Date of issue: 2023.4.26

Manufacturer acknowledgement column

:	Propose	Audit	Approval

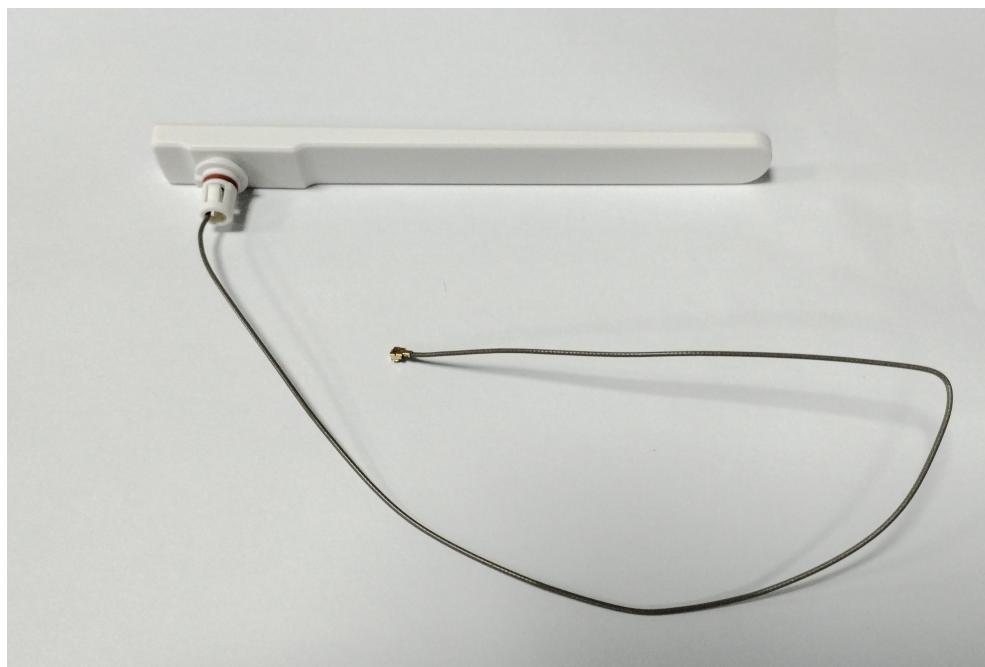
Customer acknowledgement column:

	Propose	Audit	Approval

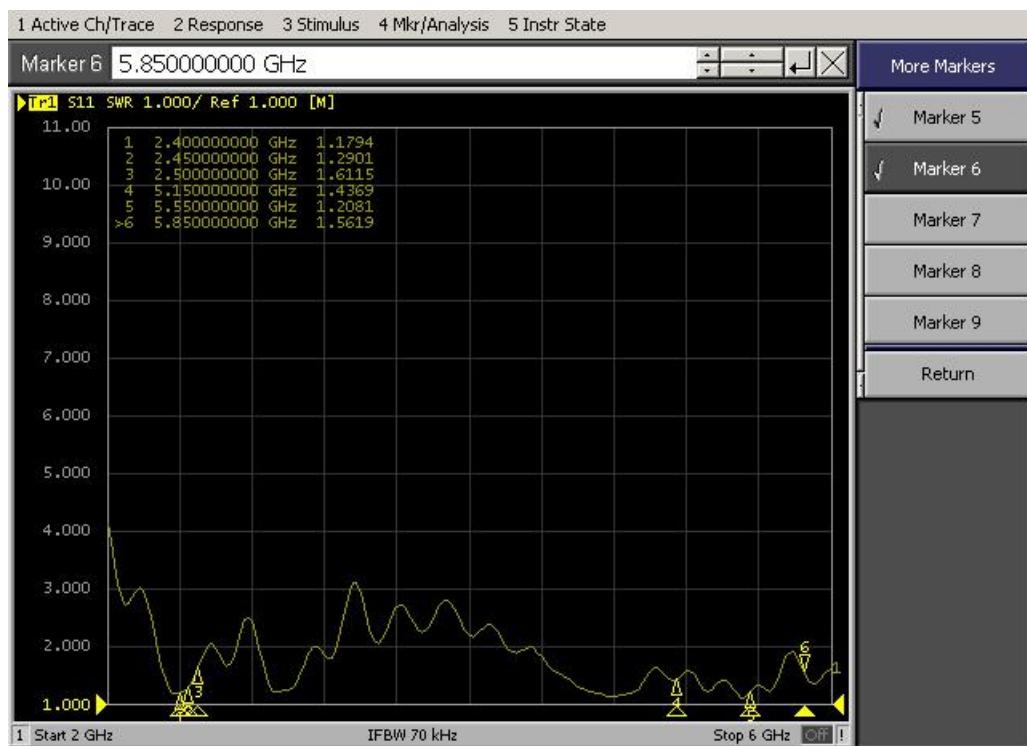
## 一. Product specification

天线型号 Antenna Name	White 2.4G-5.8G=L340 antenna (with waterproof ring)
<b>主要电气参数 Main Electrical Specifications</b>	
频率范围 Frequency Range (MHz)	2400/2500-5150/5850MHz
电压驻波比 min VSWR	2.0
增益 dBi	5.0
特性阻抗 Impedance (Ω)	50 Ω
极化方式 Polarization	垂直极化 Vertical Polarization
<b>主要结构特性 Main Structure Specifications</b>	
高度 Length	150.3mm
连接方式 Connector Type	IPX
胶套颜色 Film sleeve color	White Color

## 二、Exterior view



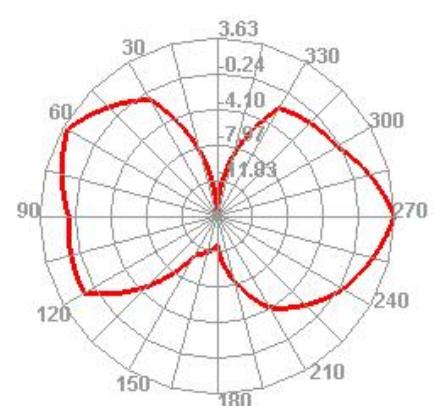
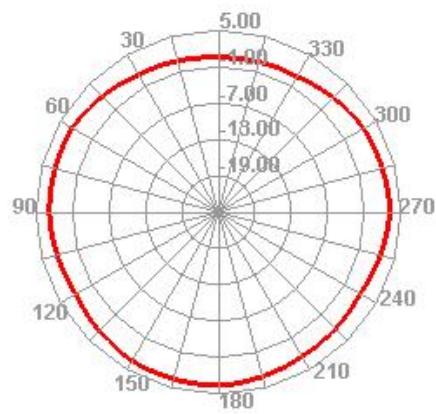
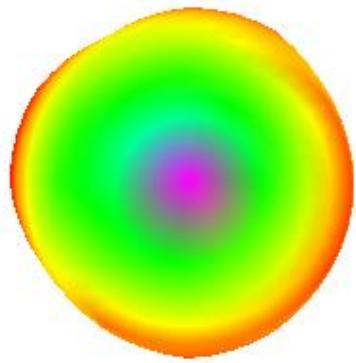
### 三、Passive test data



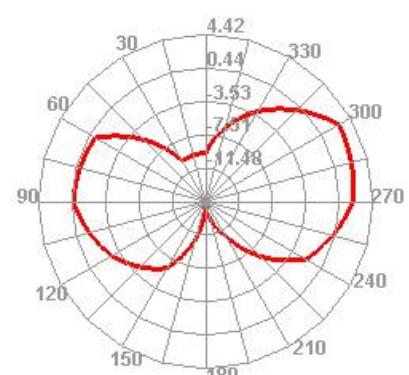
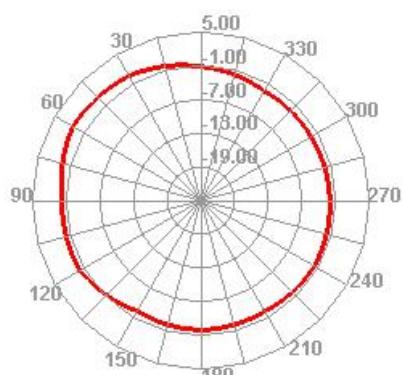
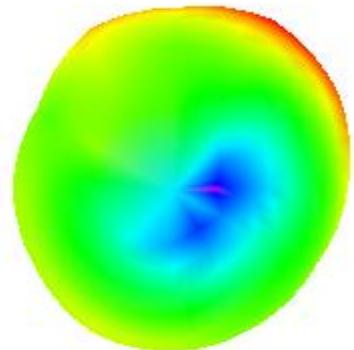
### 四、Darkroom test data

WIFI antenna efficiency & gain		
Frequency	Efficiency	Peak_Gain
2400	64.62%	4.38
2420	65.65%	4.46
2440	69.88%	4.86
2460	69.85%	4.89
2480	69.89%	4.88
2500	68.58%	4.58
5150	68.28%	4.96
5250	68.58%	4.86
5350	69.29%	4.99
5450	70.68%	5.06
5550	70.26%	5.12
5650	70.28%	5.13
5750	69.26%	4.99
5850	69.28%	4.98

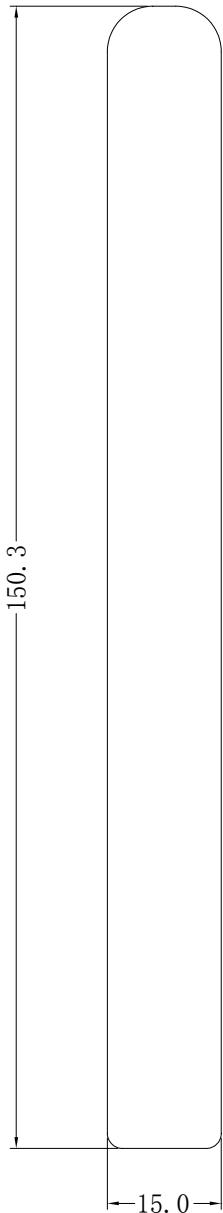
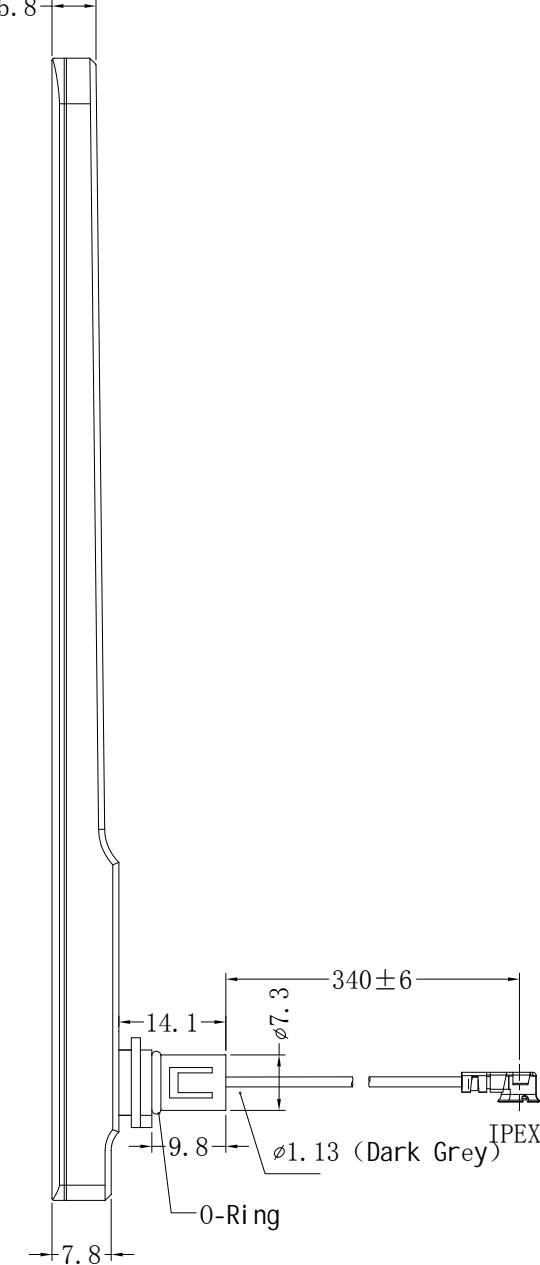
## 2.4G 方向图



## 5.8G 方向图



## 五、Engineering Diagram

A		B		C		D	
Marking	Revised date	Revised No	Change of person	Remarks			
1	Antenna color: white		△				1
2			△				2
3			△				3
4							4
5							5
							
		Design:					
No tolerance indication		Proofreading:					
General Tolerance	0~5	±0.5					
	5~10	±1.0					
	10~50	±2.0					
	50~	±5.0	Stage	Unit	Prop	Image	
			markets	mm	portion	A4	
Bore Tolerance		±0.05	size		Name: rubber cover integrated antenna Model : White 2.4G-5.8G-L340 antenna (with waterproof ring)		
Angular Tolerance		±0.5°	Customer:				
			共 1 页		第 1 页		

## 六、Temperature test report

# High and low temperature test report

Customer:	Product Name : Rubber cover integrated antenna		Product Model : White 2.4G-5.8G=L340 antenna (with waterproof ring)	
Test purpose	Confirm whether the product has abnormal defective phenomena			
Test Project	<input type="checkbox"/> Low temperature storage test	<input type="checkbox"/> High temperature storage test	<input checked="" type="checkbox"/> Temperature shock test	<input type="checkbox"/> Constant humidity and heat test
Test conditions	Samples are stored at a low temperature of -35 ° C for 2 hours	The samples were stored at a high temperature of 70 ° C for 2 hours	Sample storage at high temperature of 75 ° C for 2 hours  Within 5 minutes to -35 environment storage for 2 hours this is a cycle, three consecutive impact cycle, and then removed in the natural environment to recover 2 hours	The samples are stored at 60 ° C and 95±2% humidity for 12 hours. ,
test period	April 22nd, 2023, 10:00 ~ 23rd, 10:00 (24H)			
Number of tests	White color 3PCS			
Test requirements	After the test, the product electrical performance test is qualified; the appearance of no deformation, loosening, cracking, discoloration and other undesirable.			
Test results	No problems were confirmed before the test, and no problems were confirmed after the test			
Result Determination	<input checked="" type="checkbox"/> Qualified		<input type="checkbox"/> Failure	
Make it:	Confirmation:		Audit:	
Date: 2023.4.26	Date: 2023.4.26		Date: 2023.4.26	