
天线承认书

Customer Name:

Antenna Band: 2.4G/5.8G

Antenna Model: White color2.4G-5.8G=

L340 Antenna (With waterproof ring)

Manufacturers:

Date of issue: 2023.4.26

Manufacturer acknowledgement column

:	Propose	Audit	Approval

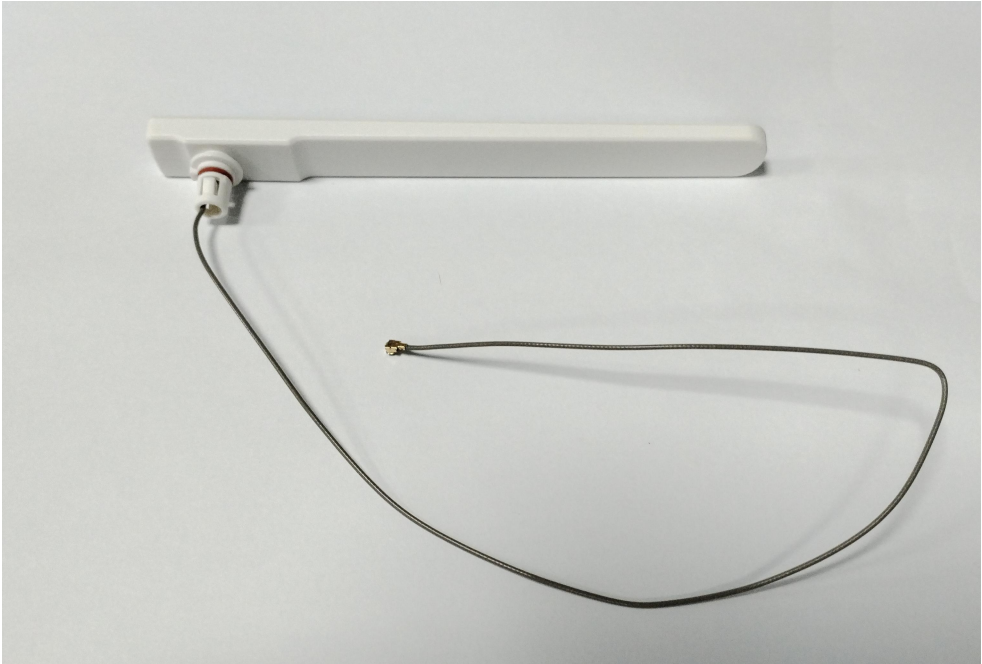
Customer acknowledgement column:

Propose	Audit	Approval

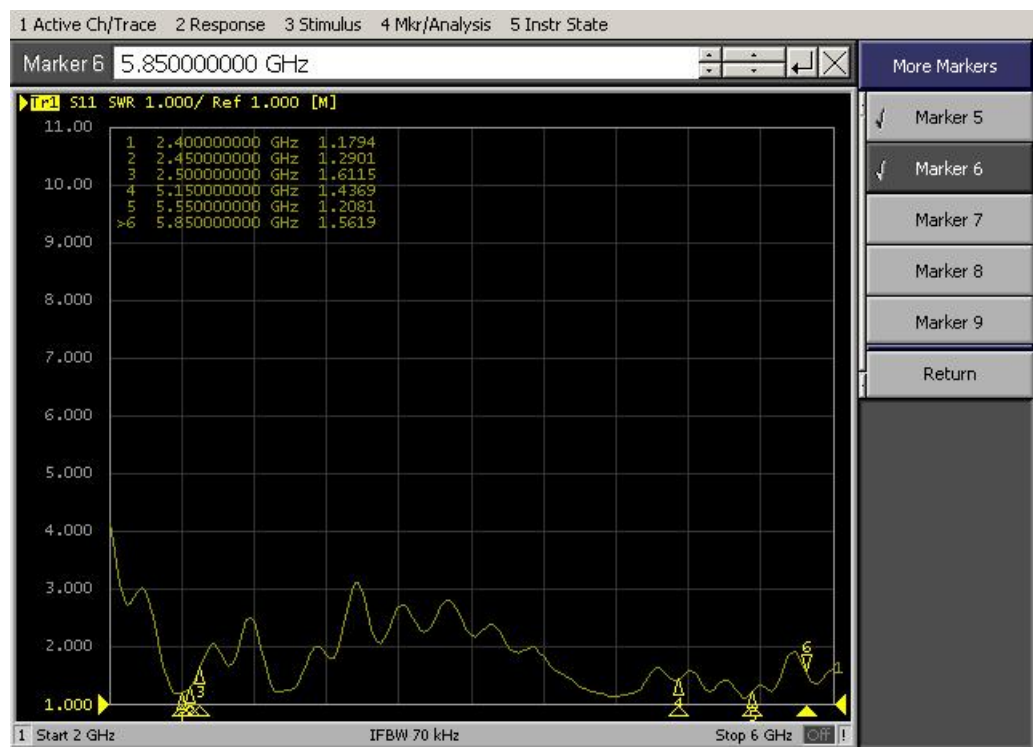
一. Product specification

天线型号 Antenna Name	White 2.4G-5.8G=L340 antenna (with waterproof ring)
主要电气参数 Main Electrical Specifications	
频率范围 Frequency Rang （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
主要结构特性 Main Structure Specifications	
高度 Length	150.3mm
连接方式 Connector Type	IPX
胶套颜色 Film sleeve color	White Color

二、Exterior view



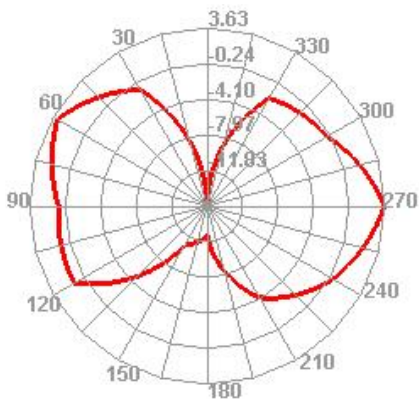
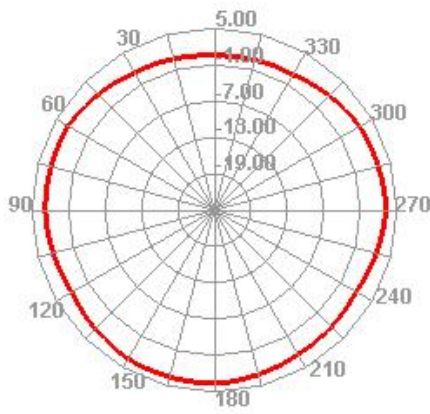
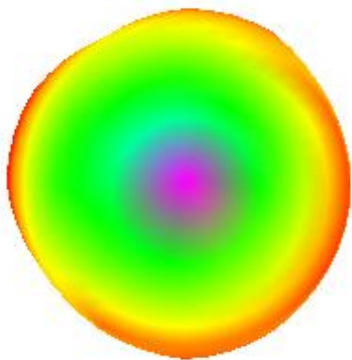
三、Passive test data



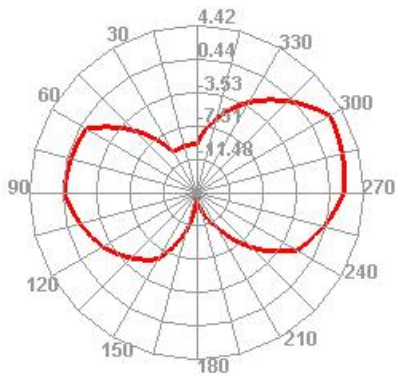
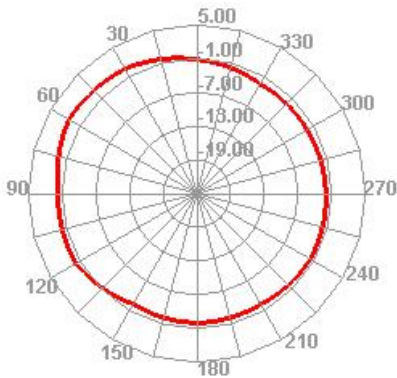
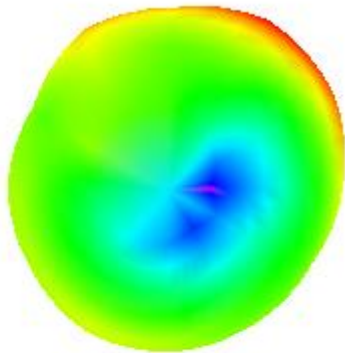
四、Darkroom test data

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

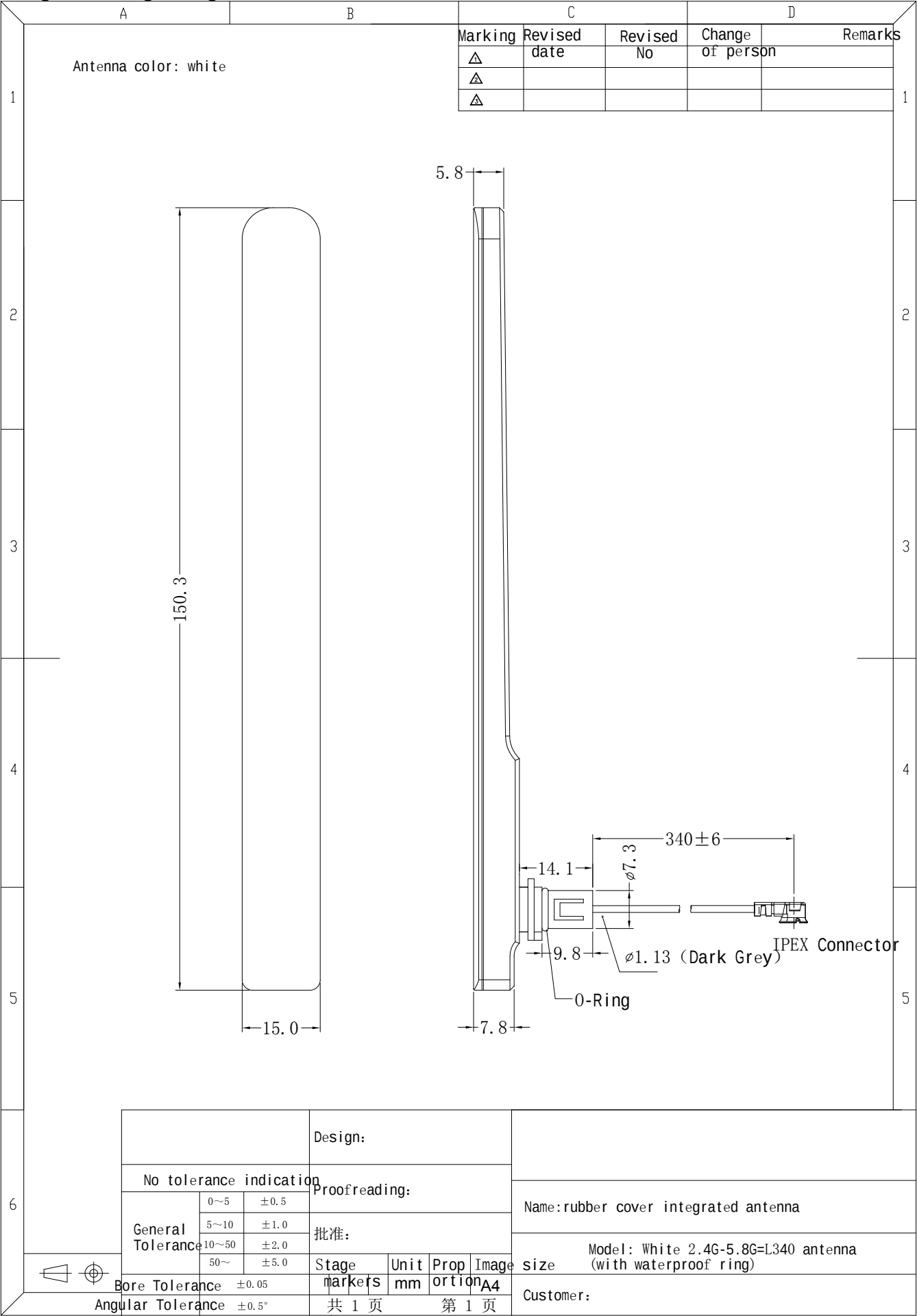
2.4G 方向图



5.8G 方向图



五、Engineering Diagram



六、Temperature test report

High and low temperature test report

Customer:	Product Name : Rubber cover integrated antenna waterproof ring		Product Model:White 2.4G-5.8G=L340 antenna (with	
Test purpose	Confirm whether the product has abnormal defective phenomen			
Test Project	☐ Low temperature storage test	☐ High temperature storage test	☒ Temperature shock test	☐ 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	☒ Qualified		☐ Failure	
Make it:	Confirmation:		Audit:	
Date: 2023.4.26	Date: 2023.4.26		Date: 2023.4.26	