

Source Chuangxing Electronics (Shenzhen) Co., LTD

Yuanchuangxing electronics (S henzhen) CO., LTD.

customer name: Foscombe

Customer model:

Customer No. :

Customer

Specification YCX08W-W859-350G

Description:

Source White short blade 2.4G gray feeder 350mm
Chuangxing strip terminal

material number:

Description of source
star:

specification

Confirmation of signature and seal					
Source star confirmation			Customer confirmation		
Sample making	examine and verify	ratify	test and verify	examine and verify	ratify
Zou Yangchen					
Source creation star signature cover sheet			Customer signature sheet		

date	2023-08-19	date	2023-08-19
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Source Create Star
Electronics (Shenzhen)
Co., LTD. Yuanchuangxing
electronics (S henzhen)
CO., LTD.

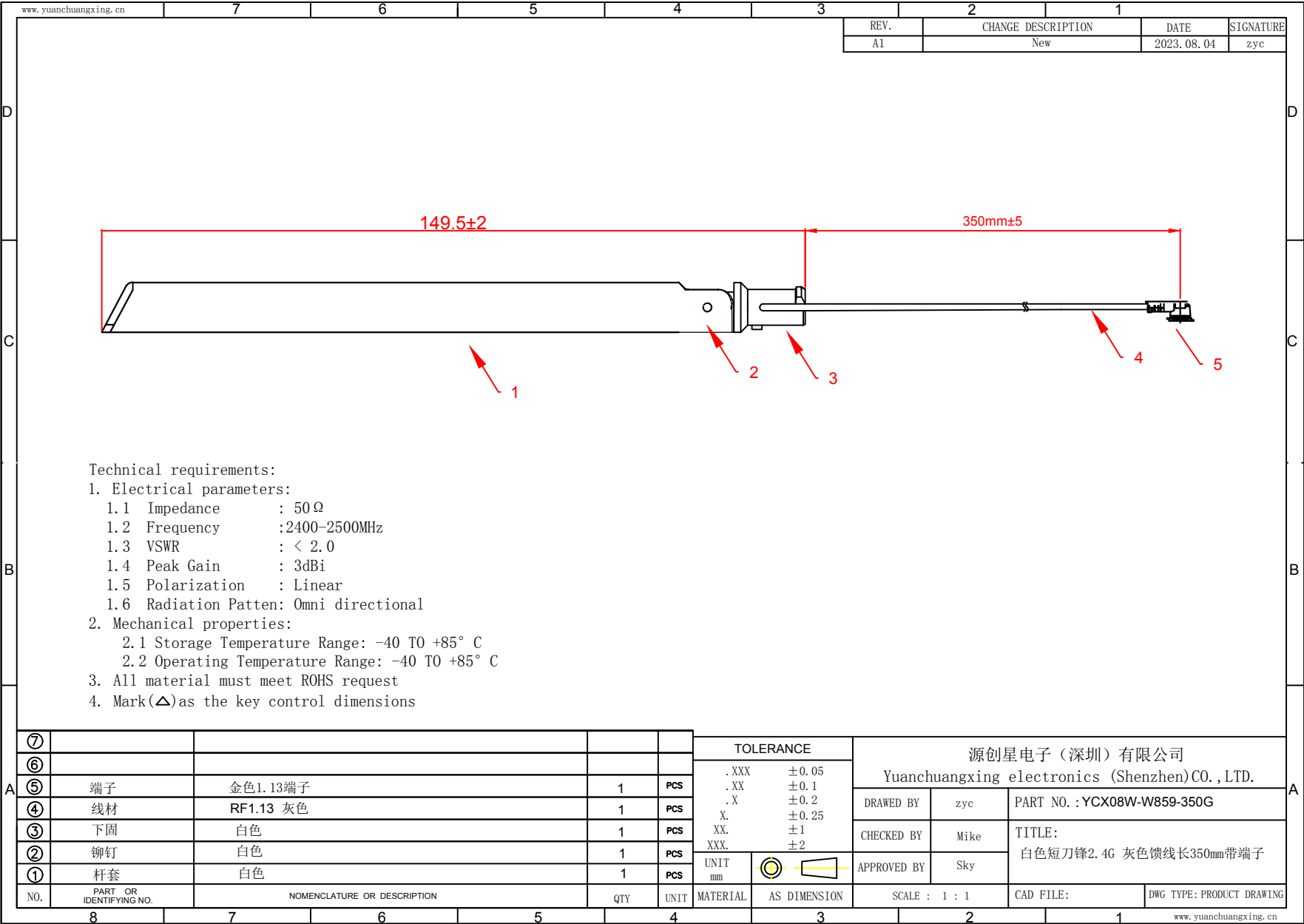
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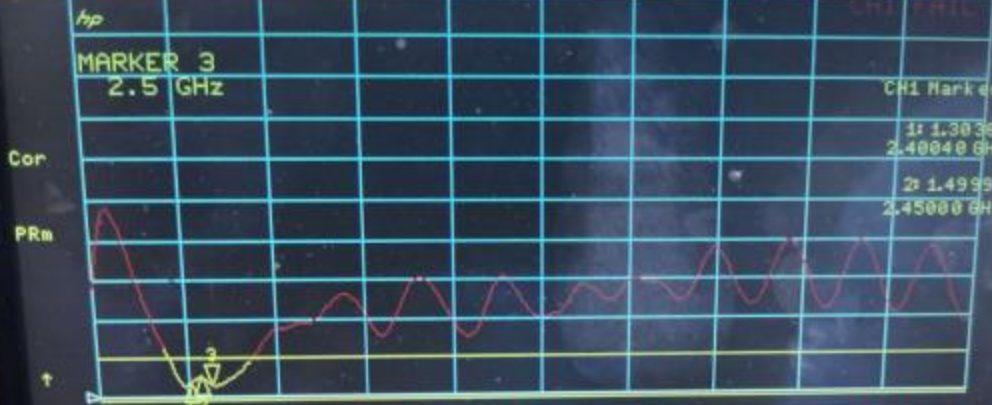
源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen)CO.,LTD.

4、产品图纸

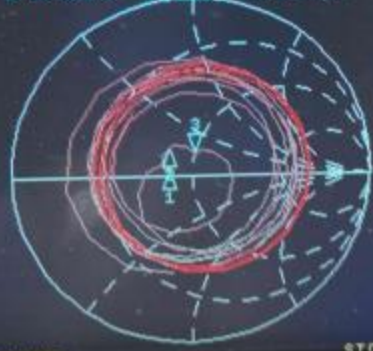


CH1 S11 SWR 1 / REF 1 3: 1.3054 2 500.000 000 MHz



CH1 Markers
1: 1.3036
2.40040 GHz
2: 1.4999
2.45000 GHz

CH2 S11 1 U FS 3: 49.984 a 13.135 a 836.19 pH 2 500.000 000 MHz



CH2 Markers
1: 39.424 a
1.2910 a
2.40040 GHz
2: 36.855 a
10.896 a
2.45000 GHz

LOG MAG
PHASE
DELAY
SMITH CHART
POLAR
LIN MAG
SWR
MORE

START 2 500.000 000 MHz STOP 6 000.000 000 MHz

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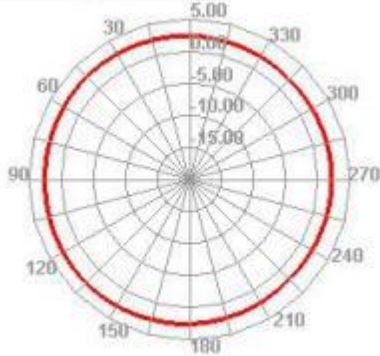
Yuanchuangxing electronics (Shenzhen) CO., LTD.

6, 2D, and 3D performance Fig

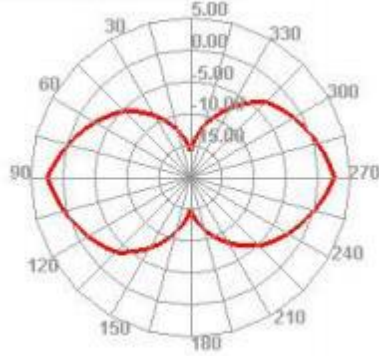
Passive Test For WiFi2.4G

Freq (MHz)	Effi (%)	Gain (dBi)		
2400	70	2.91		
2450	71	3.00		
2500	70	2.89		

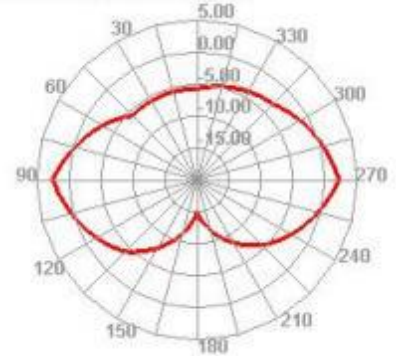
2400.000MHz H



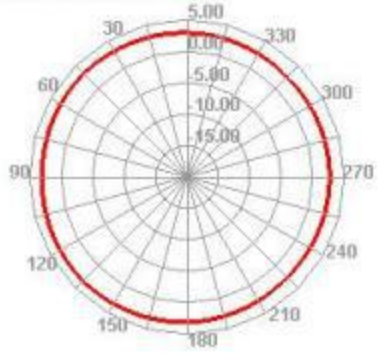
2400.000MHz E1



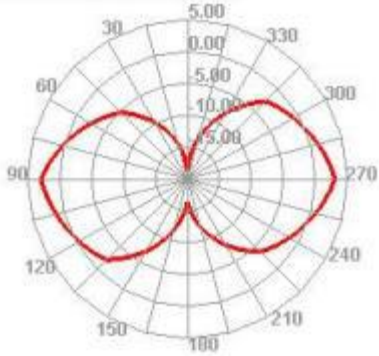
2400.000MHz E2



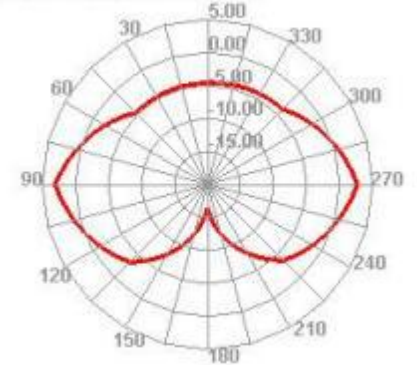
2450.000MHz H



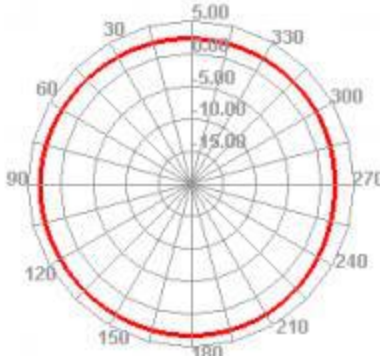
2450.000MHz E1



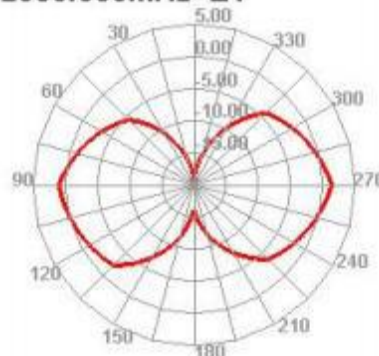
2450.000MHz E2



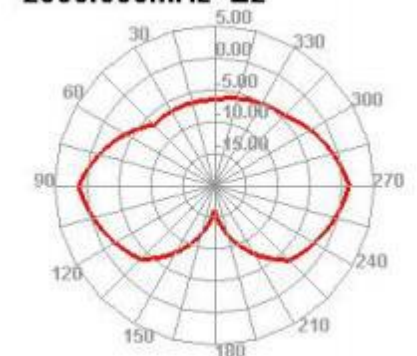
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



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7. Electrical performance parameters

Electrical parameters		
frequency range		2.4GHz-2.5GHz
input impedance		50Ω
standing-wave ratio		<2.0 Control sample Test pattern
gain	2.4G-2.5G	3±0.7 dBi
Polarization mode		vertical polarization
radiation direction		omnidirectional
attended mode		IPEX
Mechanical parameters		
See line long		
maintenance energy		
coax		The RF1.13 is shaded in grey
Salt Spray Test		
enviromental parameter		
working temperature		-40~85℃

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Specification for sample inspection of structural parts			
The test results of the structural parts samples shall include the following contents:			
class	Specification project	class	Specification project
① Appear ance & specific ation inspecti on	1, check the surface whether there is any water lines, air lines, shrinkage, white, scraping, touch injury, material flowers, oil traces, etc	③ Reliabili ty perfor mance test	1. Storage temperature range
	2, check whether there is batch peak, glue column, limit, hole, window, slot, uneven glue, broken column, edge collapse, water mouth shear flat, crisp material, etc		2. Operating temperature range
			3. Flame resistance
	3, attack the corresponding specifications of screws, can not have white, burst or slippery teeth		4. Drop test
	4, check the surface treatment (oil injection, screen printing, hot stamping color, screen printing content, treatment effect: ① screen printing gold stamping- - whether there is incomplete, teeth, fat, heavy weight, uneven thickness and leakage; ② oil stamping parts ---Whether the oil color is uniform, Yin and Yang color, grain, scratch, miscellaneous color, burning and impurities, etc., silk printing and hot stamping position whether there is a moving, deviation, wrong phenomenon		5.3M adhesive paper / white case / rubber / alcohol (75%~80% concentration) test (4 items, for screen printing oil injection materials)
	Inspection result: qualified		Inspection result: qualified
	remarks		remarks
② Dimensi ons & mechan ical properti es	1. Drawing dimensional inspection (according to the tolerance range, focus on the CPK)	④ Materi al & packag ing and other ⑤⑥ others	1. Confirmation of the material and composition report
	2, leveling test and other accessories cooperate with the tightness confirmation		2. Packaging method and other precautions:
	3, lens, light guide column light transmission test confirmation		

	Inspection result: qualified		Inspection result: qualified
	remarks		remarks
Sample test results: qualified inspection person in charge: Zheng Yunxia			