



Shenzhen Zhonglian Yunda
Technology Co., Ltd. LTD
Shenzhen ZLYD Technology
Co., LTD

acknowledgement

SPECIFICATION FOR APPROVAL

Customer name

CUSTOMER NAME: Anjia

product name

PRODUCT NAME:

2.4/5.8G 3 dBi Built-in FPC antenna line length

Customer material
number

02.02.07.00141

CUSTOMER P/N:

Zhonglian Yunda
material number

Z1CFPC245800020

ZLYD P/N:

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
ManufactureBY:	an immense forest	
EngineeringBY:	Li Liu	
CharacterBY:	Yu Jiangbo	

Supplier: Shenzhen Zhonglian Yunda Technology Co., LTD
Address: Building 4, Daxin Xinmei Industrial Park, No.21,
Gongchang Road, Xinhua Street, Guangming District, Shenzhen
City Tel: 0755-29890211
E-mail: ZLYD88888@163.com



Shenzhen Zhonglian Yunda
Technology Co., Ltd. LTD

Shenzhen ZLYD Technology
Co., LTD

DATE:	2024-08-12	
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-----reliability test
report



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1. Change the resume

edition	date	chage record
A	2024-08-12	First edition release



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2. Specifications:

Main technical parameters of the product

the key technical indexes		Main technical specifications	
Frequency Range (MHZ)	2400-2500 5150-5850	Frequency Range (MHZ)	2400-2500 5150-5850
characteristic impedance (Ω)	50	Impedance(Ω)	50
Peak Gain (dBi)	3 ± 0.5	Peak Gain(dBi)	3 ± 0.5
Output voltage standing wave ratio	≤ 2.0	VSWR	≤ 2.0
Polarization mode	vertical polarization	Polarization	Linear, Vertical
directivity	omnidirectional	Radiation	Omni-directional
attended mode	terminal	Connector Type	IPEX
physical property		Physical Properties	
Antenna ontology material	PI	Antenna cover	PI

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working temperature	-20℃~+70℃	Operating Temp	-20℃~+70℃
Save the temperature	-20℃~+60℃	Storage Temp	-20℃~+60℃



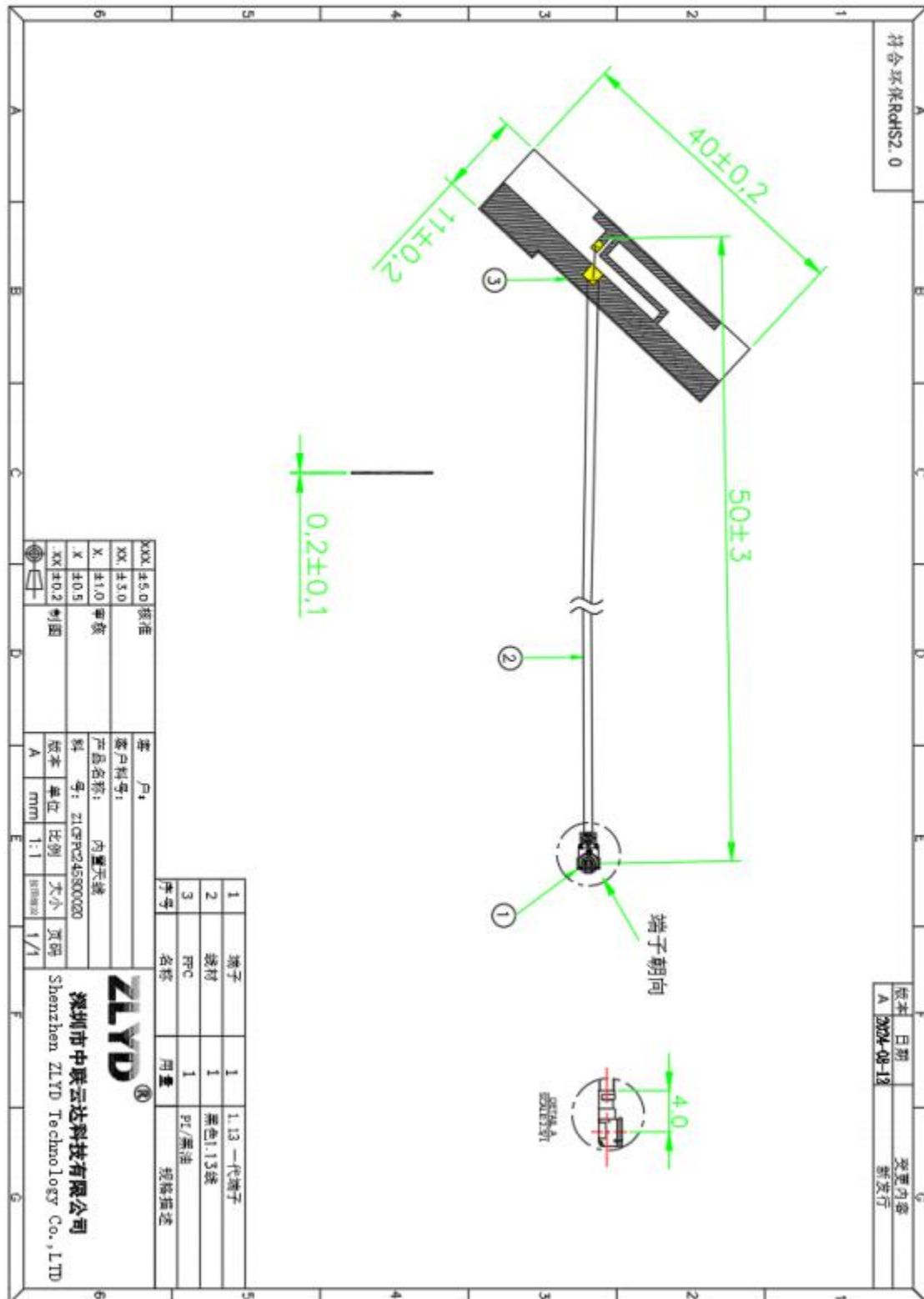
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3. Finished product and packaging drawing:



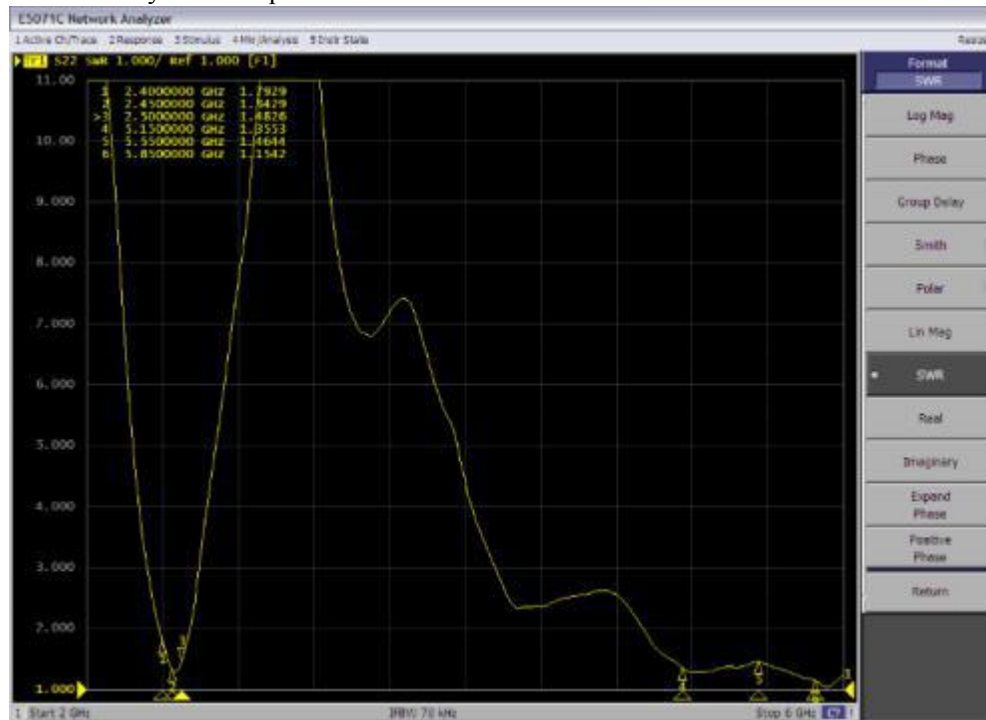
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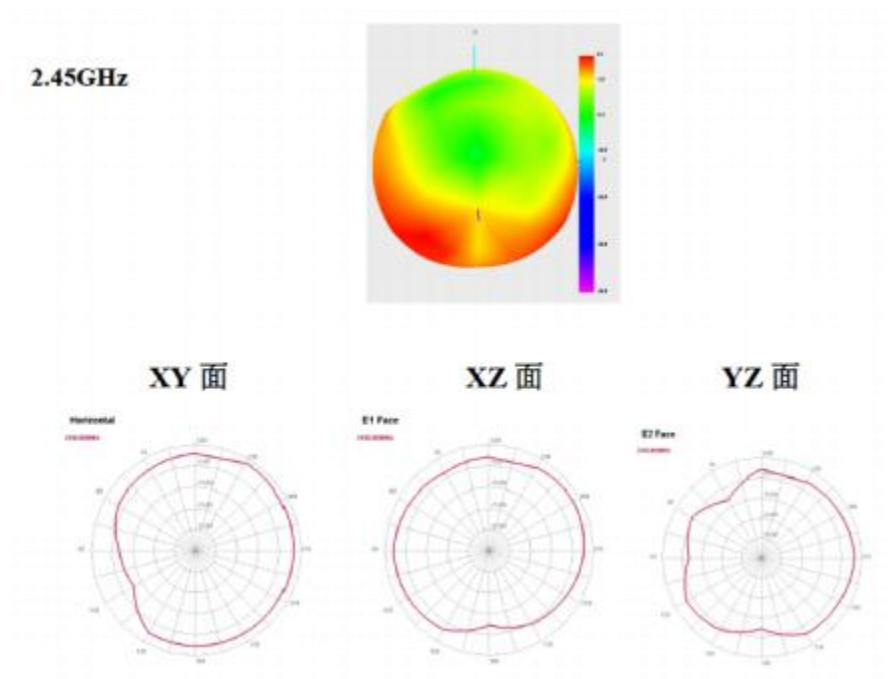
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4. test report:

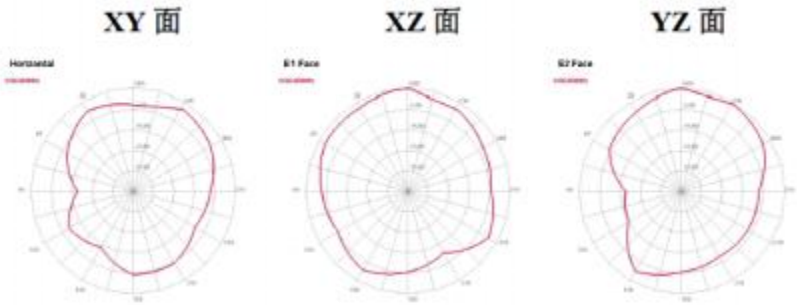
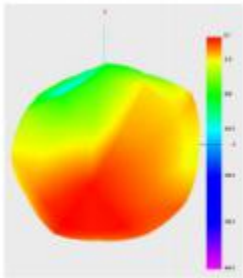
4.1: Network analyzer test report



4.2: The 2D and 3D directions of the dark chamber and the antenna gain efficiency



5.450GHz



ANT		
频率（MHZ）	增益（dBi）	效率（%）
2400	3.14	63.40
2450	3.06	66.92
2500	3.47	65.04
5150	3.29	62.36
5500	3.23	60.25
5850	3.41	67.20

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