

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name: 之云物联

Customer Moder:

Customer P/N:

Customer Describe:

YCX P/N: YCX98N-1816-130B

Customer Describe: FPC antenna, Black 1.13cable Length=130mm

YCX Address: Room 303, Building A, No. 164, Junxin Road, Guanlan Street,
Longhua District, Shenzhen, Guangdong Province, China

PRODUCT SPECIFICATION

Signature and seal of confirmation

YCX Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
Zeng haitong	Zou Yang chen	Wang chunjiang			
YCX Approved By			Customer Approved By		
Date	2025-7-7		Date	2025-7-7	

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File for amendment/revocation/resume

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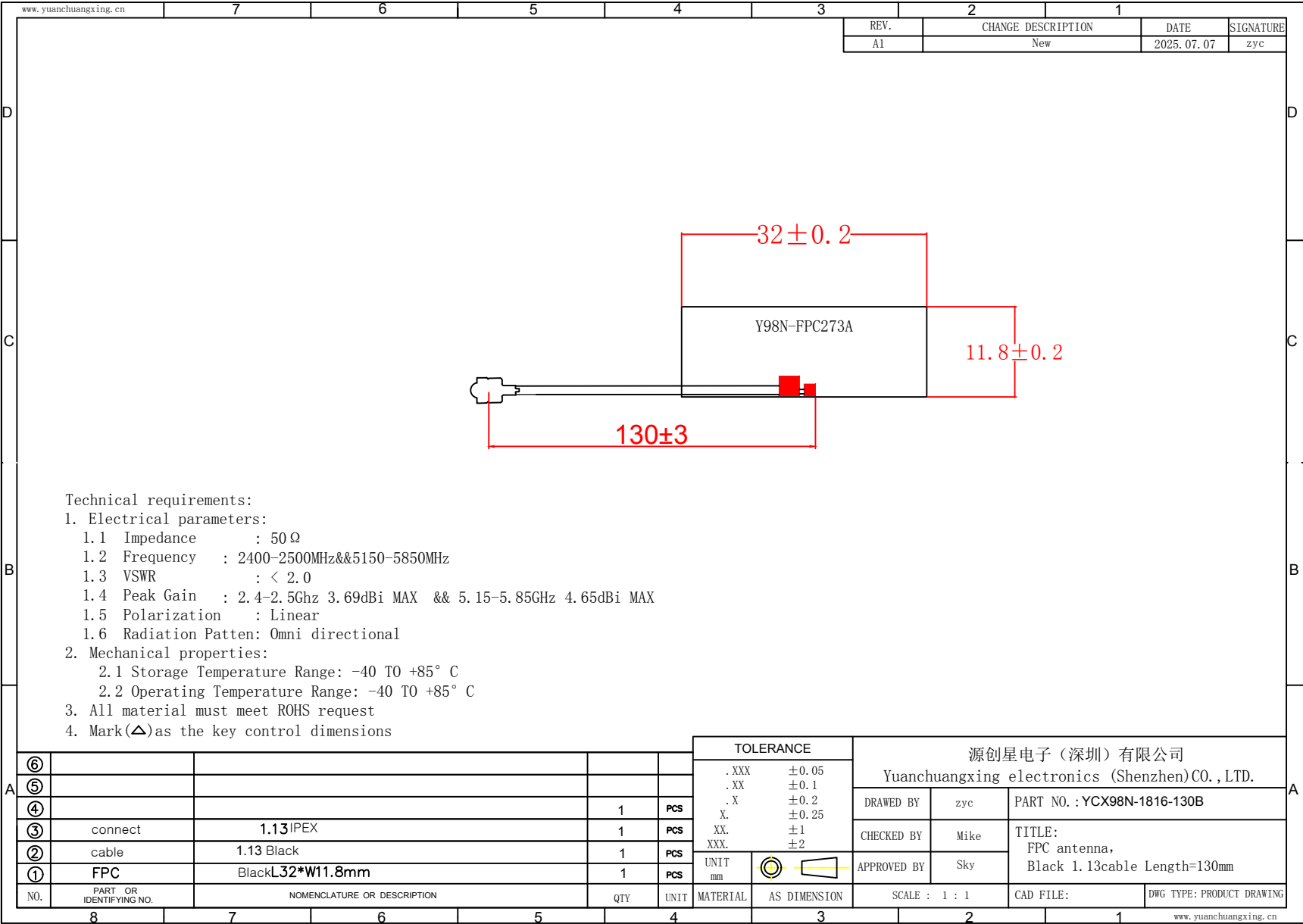
3、Directory

1、directory.....	1
2、File for amendment/revocation/resume.....	2
3、directory.....	3
4、Product drawings.....	4
5、Passive performance test paramete.....	5
6、2D、3D Performance figure.....	6
7、Electrical performance test report.....	7

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Yuanchuangxing electronics (Shenzhen)CO.,LTD.

4、Product drawings

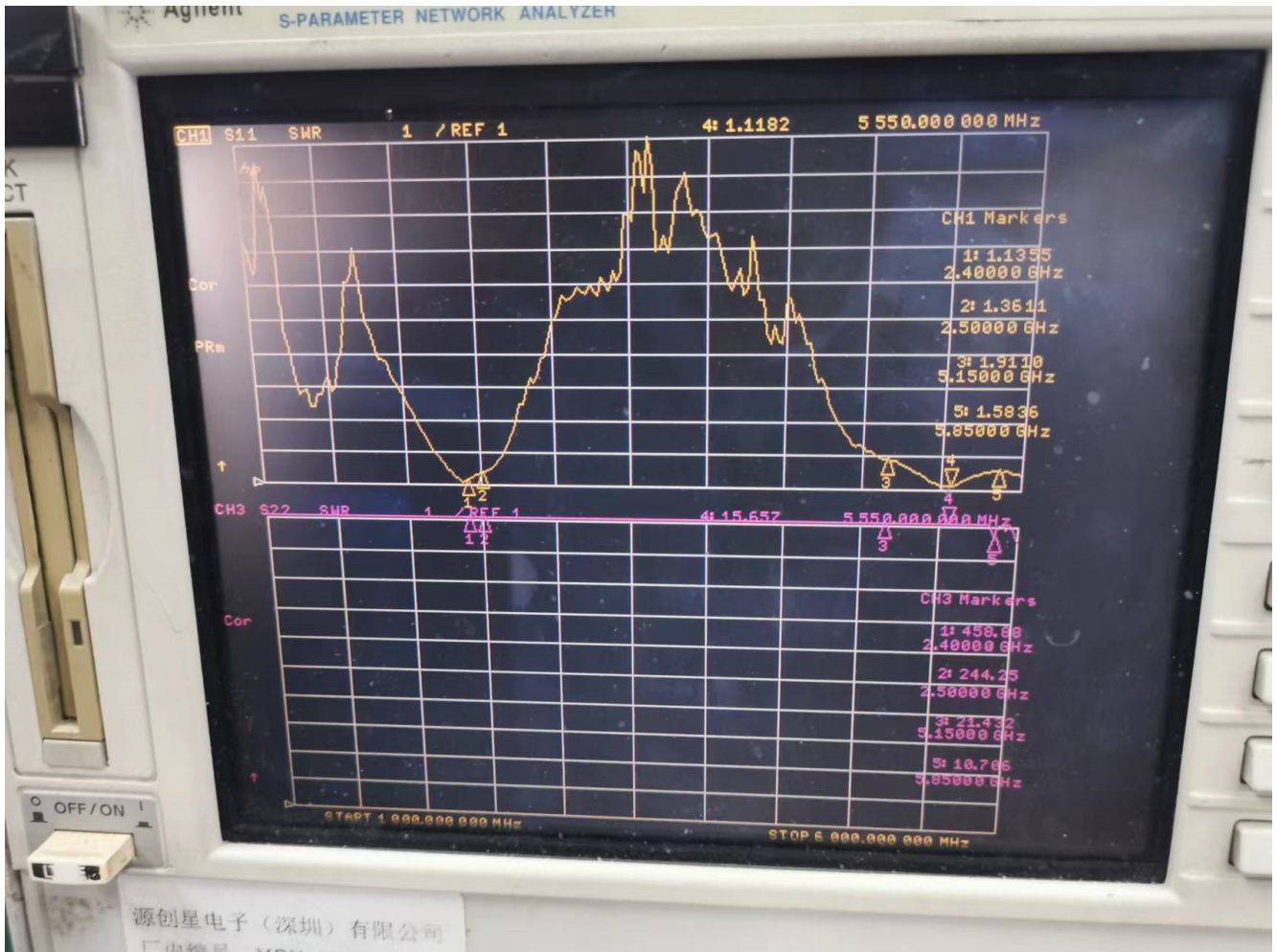


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5、Passive performance test parameters

Frequency(GHz)	2.4	2.45	2.5	5.15	5.55	5.85
VSWR	1.13	1.22	1.36	1.91	1.12	1.58



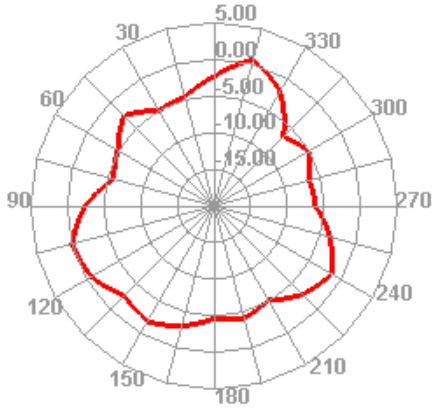
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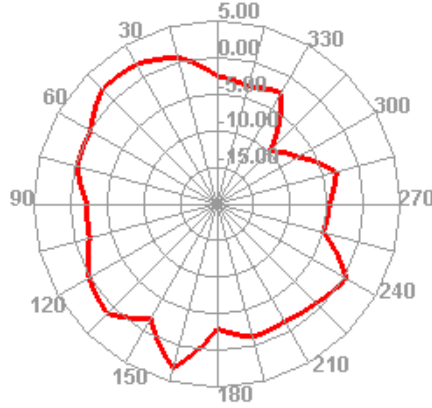
6、2D、3D Performance figure

Passive Test For WiFi				
Freq (MHz)	Effi (%)	Gain (dBi)		
2400	65	3.45		
2450	64	3.68		
2500	61	3.69		
5150	64	4.65		
5500	64	4.25		
5850	62	4.60		

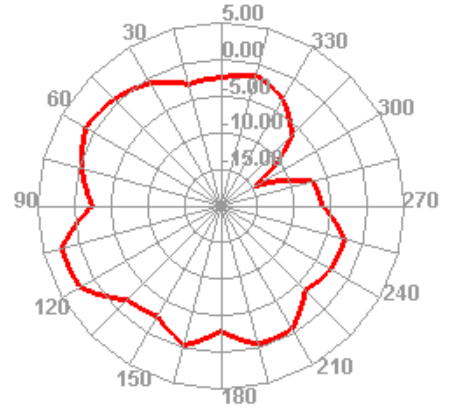
2400.000MHz H



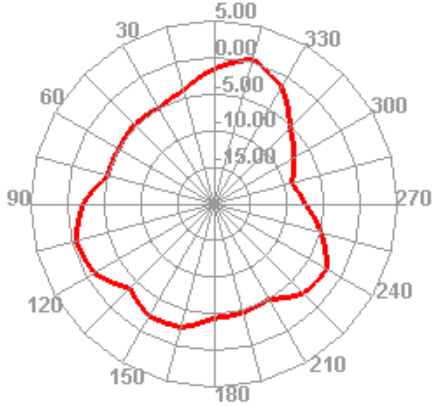
2400.000MHz E1



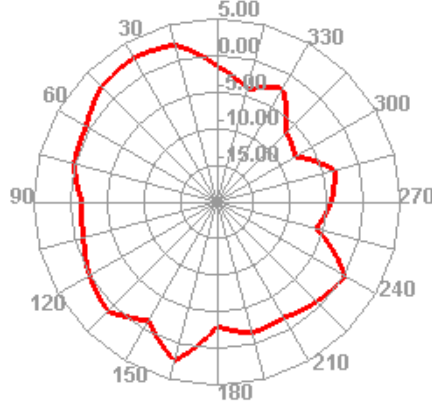
2400.000MHz E2



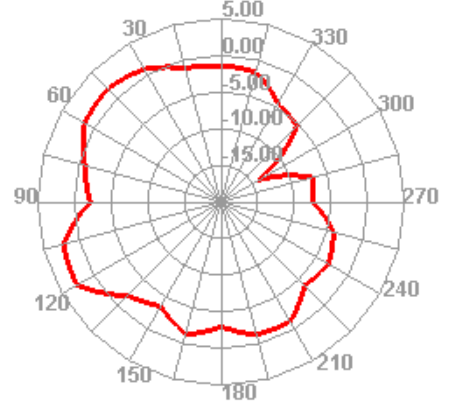
2450.000MHz H



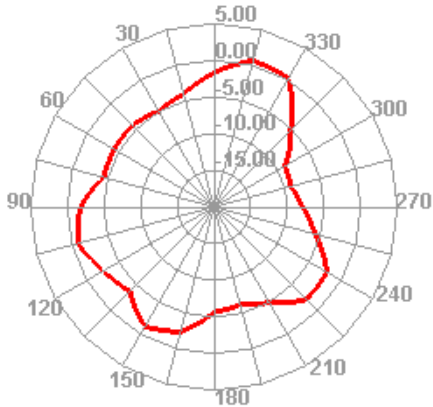
2450.000MHz E1



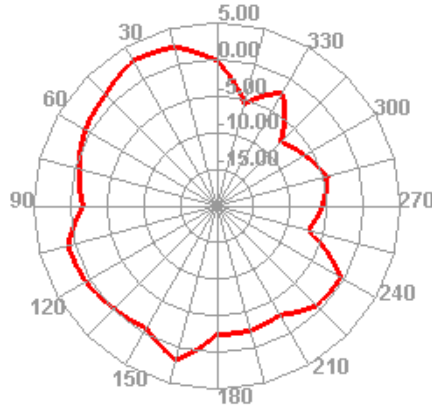
2450.000MHz E2



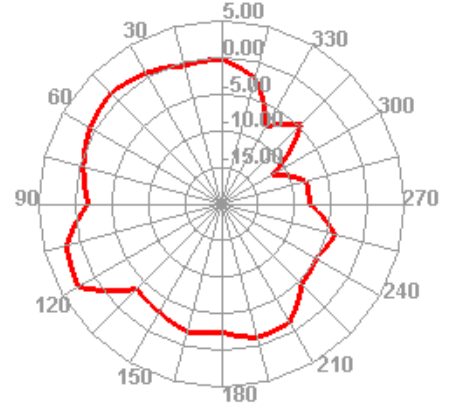
2500.000MHz H



2500.000MHz E1



2500.000MHz E2

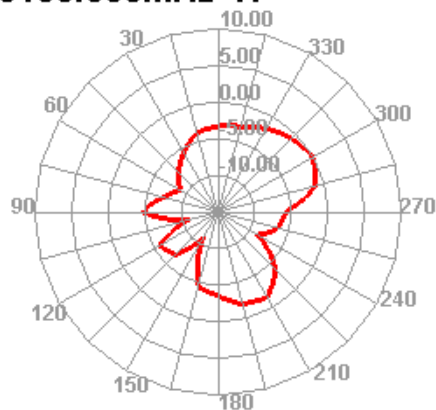


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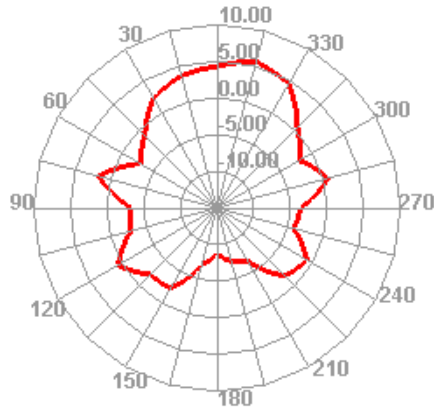
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6、2D、3D Performance figure

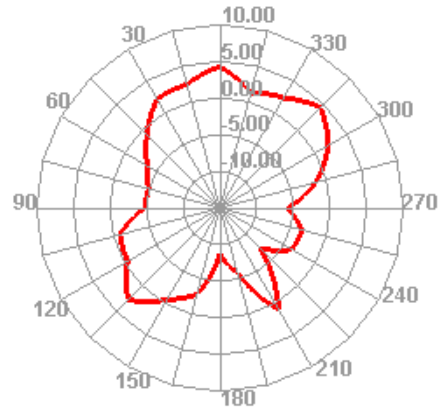
5150.000MHz H



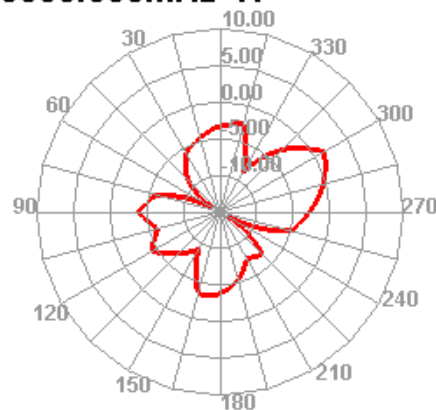
5150.000MHz E1



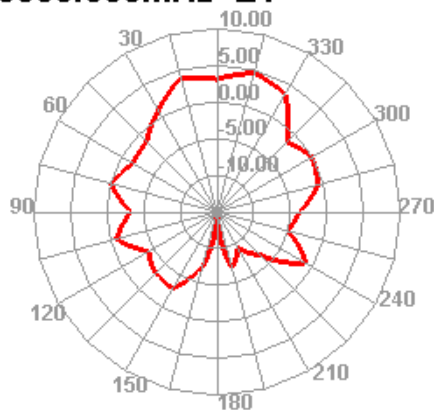
5150.000MHz E2



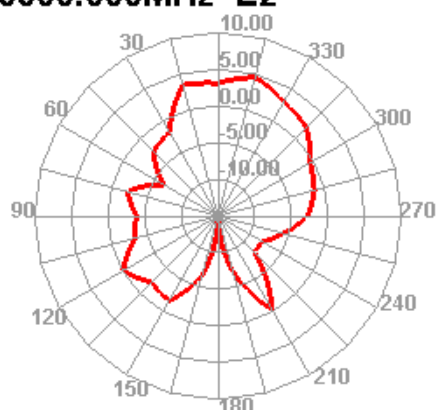
5500.000MHz H



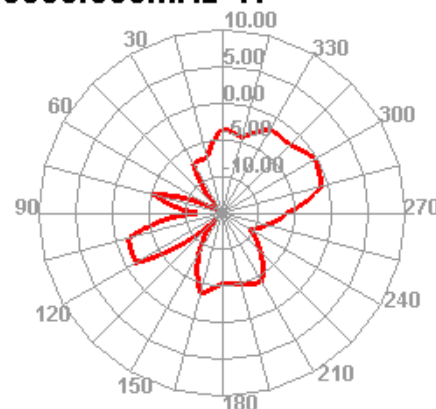
5500.000MHz E1



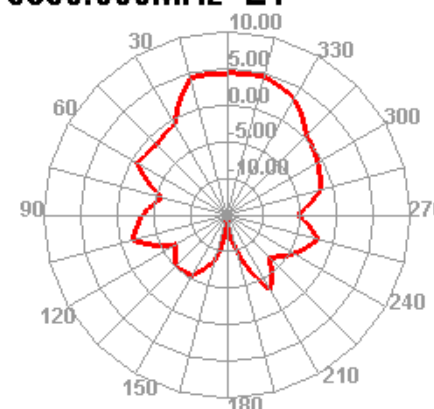
5500.000MHz E2



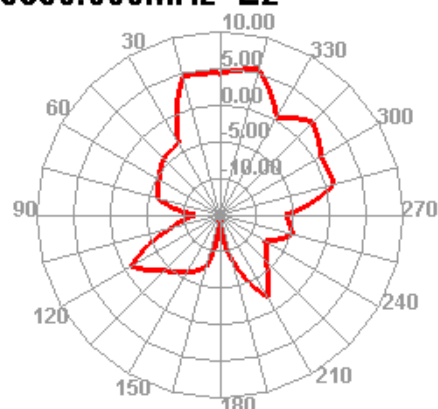
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



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7、Electrical performance test report

Electrical parameters	
Frequency range	2.4-2.5GHz&&5.15-5.85GHz
input impedance	50Ω
VSWR	<2.0
Gain	2.4-2.5GHz 3.69dBi MAX 5.15-5.85Ghz 4.65dBi MAX
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	IPEX
Mechanical parameters	
Cable	1.13
Salt spray test	
Environmental parameters	
Working temperature	-20~65℃