



SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

CUSTOMER P/N:

PRODUCT P/N: Z2C390W3D108A

PRODUCT NAME: 4G/700-2700MHz Antenna

Z2C390W3D108A/700-2700MHz/Three-section

blade antenna / Black / 1.13 Black cable/L =

Description: 340mm+domestic IPEX (first generation)

REV: A

Factory seal

SIGN	APPROVED BY	CHECKED BY	DRAMN

Customer signature

SIGN	QE	R&D	PE



Contents

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一、 (Revision History) :

Reversi on	Revisi on page	Change date	Revised by	Reason and content for revision	Remarks
A	-	2025.12.09	EVIEN	First Edition	

Instructions:

This specification is generally valid for 1 year;

If either party needs to make modifications, it must be agreed upon by both parties through consultation before implementation;

If neither party requests any modifications after the expiration of this specification, the validity period of this specification shall be extended by one year.

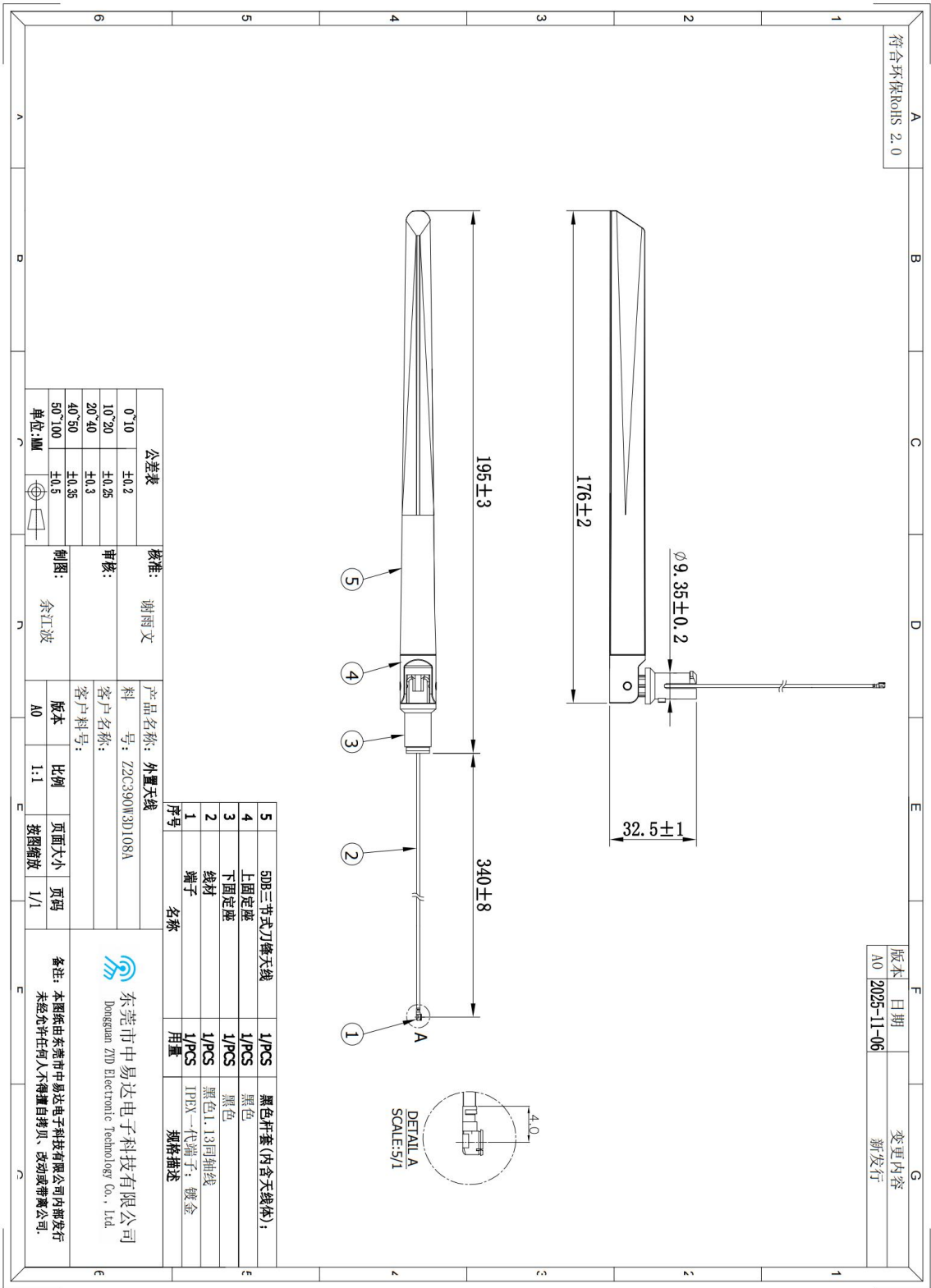


二、 Specification Sheet:

Main technical specifications	
Frequency Range (MHZ)	700-2700
Impedance(Ω)	50
Gain(dBi)	0~5
VSWR	≤ 3.0
Polarization	Linear
Radiation	Omni-directional
Physical Properties	
Antenna Material	TPE
Connector Type	IPEX
Exposed length	340mm
Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+60℃



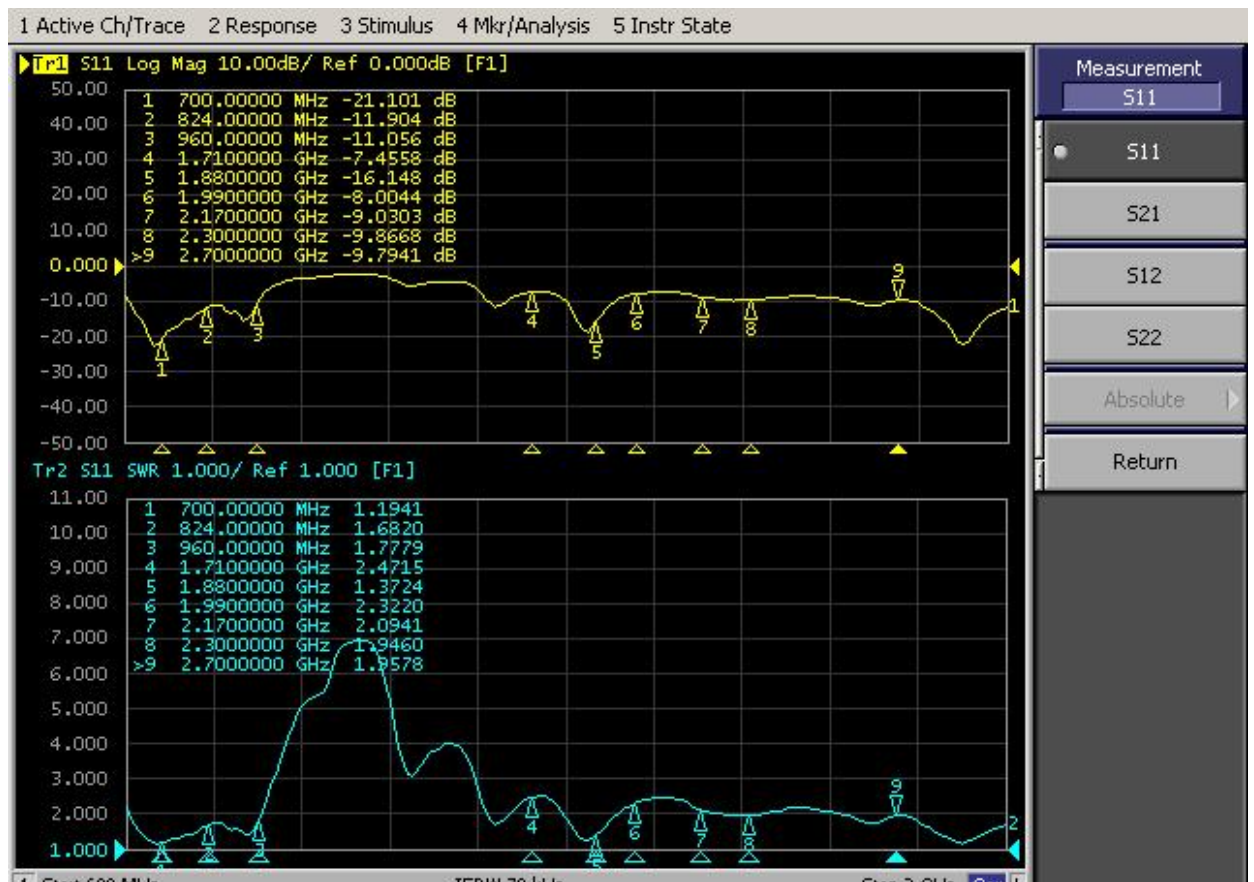
Product drawing:





四、Test report:

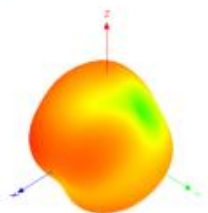
4.1: Network Analyzer Test Report





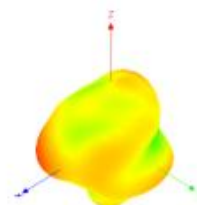
4.2: Darkroom 2D、3DRaditation Pattern

Frequency (MHz) : 700



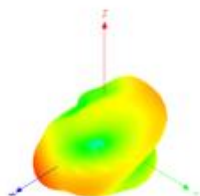
700MHz

Frequency (MHz) : 850



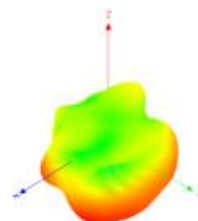
850MHz

Frequency (MHz) : 960



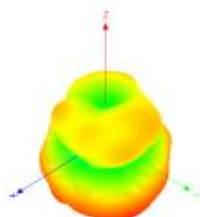
960MHz

Frequency (MHz) : 1700



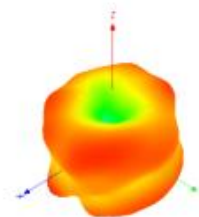
1700MHz

Frequency (MHz) : 1900



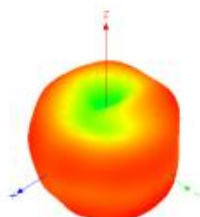
1900MHz

Frequency (MHz) : 2100



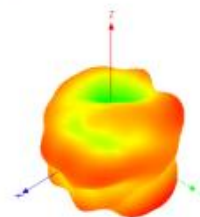
2100MHz

Frequency (MHz) : 2450



2450MHz

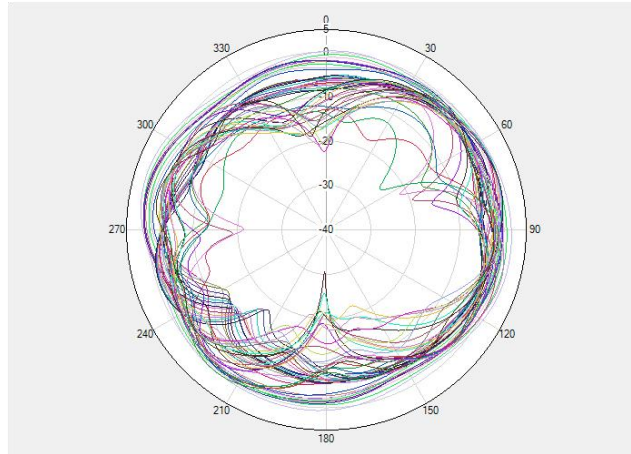
Frequency (MHz) : 2700



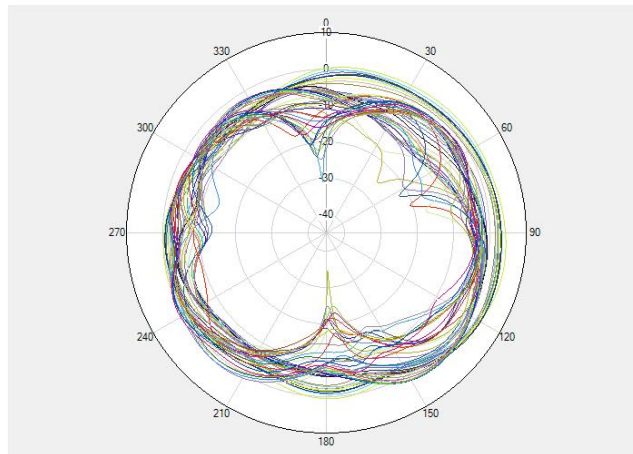
2700MHz

Address:

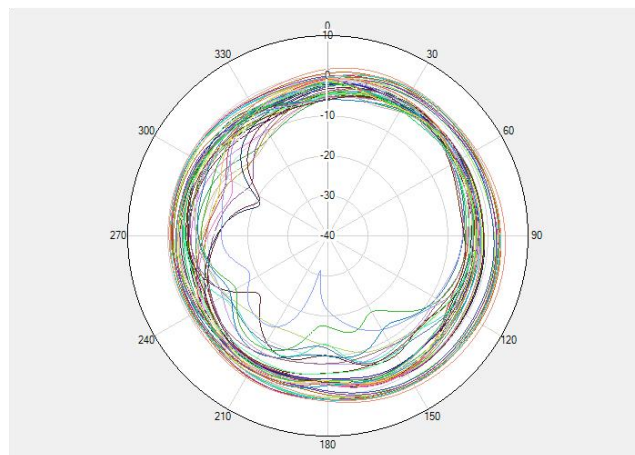
6th Floor, Building 4, Jianlong Science and Technology Innovation Park,
Qinghutou, Tangxia Town, Dongguan City



Phi 0



Phi 90



Theta 90



4.3: Gain and efficiency of antenna

ANT		
Frequency (MHZ)	Gain (dBi)	Efficiency (%)
700	5.04	66.22
850	2.2	43.85
960	3.77	52.72
1700	1.79	38.9
1900	1.47	41.88
2150	0.25	37.15
2450	0.32	35.81
2700	1.41	43.55

五、Product image

