

客户承认书

SPECIFICATION FOR APPROVAL

CUSTOMER/PROJECT 客户/机型: 睿云联 A k u v o x X937

CUSTOMER P.N./ 客户物料号: _____

PRODUCT NAME./ 物料名称: WIFI 天线antenna

MODEL NO./ 物料型号: 32I005A

SPECIFICATION/ 物料规格: _____

VERSION 版本	DATE 日期	REVISION DESCRIPTION 修订说明
T:A	2025-03-03	新增New

SUPPLIER AUTHORIZED SIGNATURE/供应商承认签核		
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CUSTOMER AUTHORIZED SIGNATURE/客户承认签核			
项目 project		质量 quality	

Please return to us one copy of "SPECIFICATION FOR APPROVAL" with your approved signature./ 客户确认签字，盖章后请回传一份承认书给我司。

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Shanghai Jesoncom Communication Engineering Co., Ltd

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1 名词解释/Explanation of the term

dBi	Decibel relative isotropic antenna
Tx	Transmit frequency
Rx	Receive frequency
TRP	Total Radiated Power
TIS	Total Isotropic Sensitivity
VSWR	Voltage Standing Wave Ratio
GSM	Global Service for Mobile communication
DCS	Digital Communication System
CDMA	Code Division Multiple Access
WCDMA	Wideband Code Division Multiple Access

2 测试设备/Test equipment

可根据实际情况自行增减/It can be increased or decreased according to the actual situation

矢量网络分析仪/Vector Network Analyzer (VNA)

综合测试仪/ Communication Tester

GTS 暗室/Ground-Transmit-Receive Site (GTS) Chamber

3 适用频段/Applicable frequency bands

将适用的频段用其他颜色标出。/Indicate the applicable frequency bands with other colors

制式/communication standards	频段/Frequency Band
WIFI (2.4G)	2400MHz~2500MHz
WIFI (5G)	5150MHz~5850MHz

4 基本测试项目/Basic test items

4.1 驻波比图/VSWR Plot

4.2 史密斯阻抗图/Smith Impedance Chart

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4.3 辐射方向图/Radiation Pattern

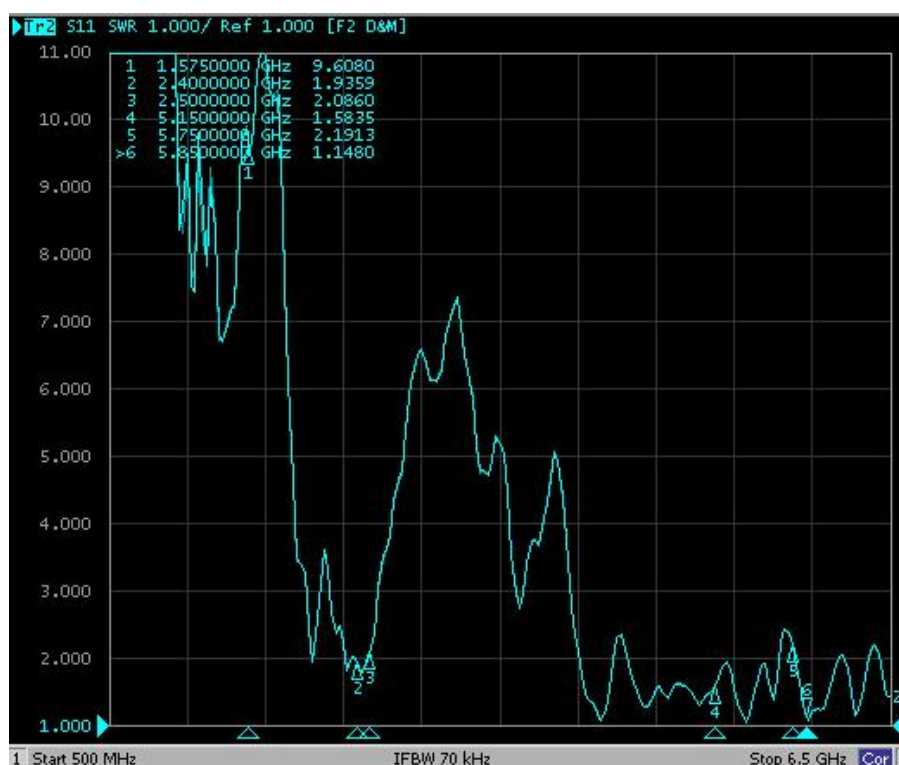
4.4 增益和效率/Gain and Efficiency

4.5 TRP&TIS 测试/TRP&TIS test

5 测试指标和数据图表/Test metrics and data charts

5.1 驻波比/Voltage Standing Wave Ratio

5.1.1 驻波比图/Voltage Standing Wave Ratio Plot



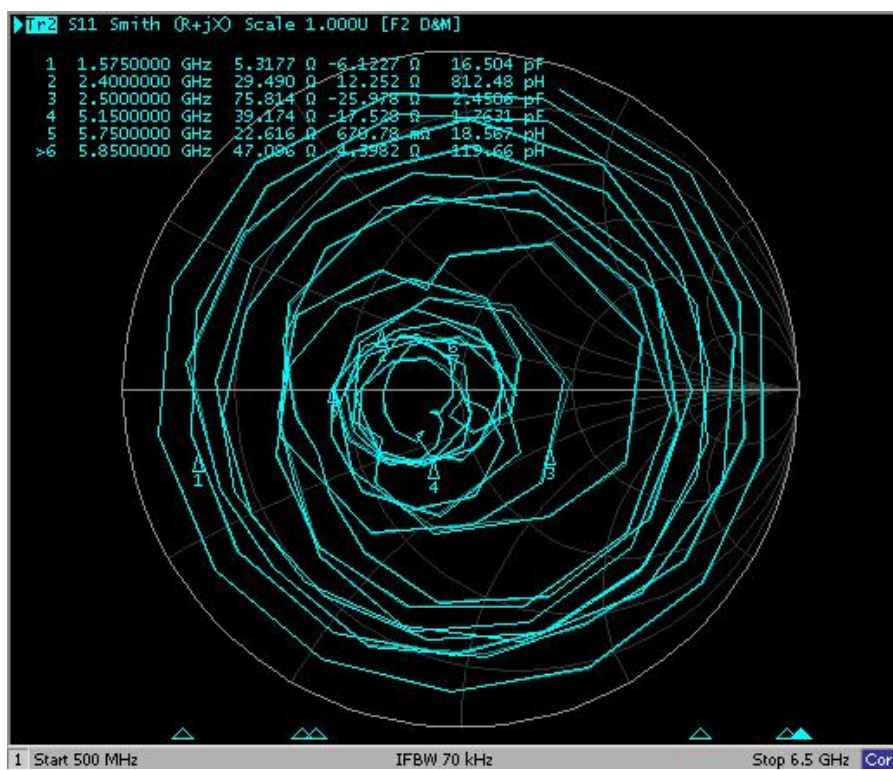
5.1.2 驻波比数据/Voltage Standing Wave Ratio Data

Freq/MHz	2400	2500	5150	5750	5850
VSWR	1.9	2.0	1.5	2.1	1.1

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5.2 史密斯阻抗圆图/Smith Chart

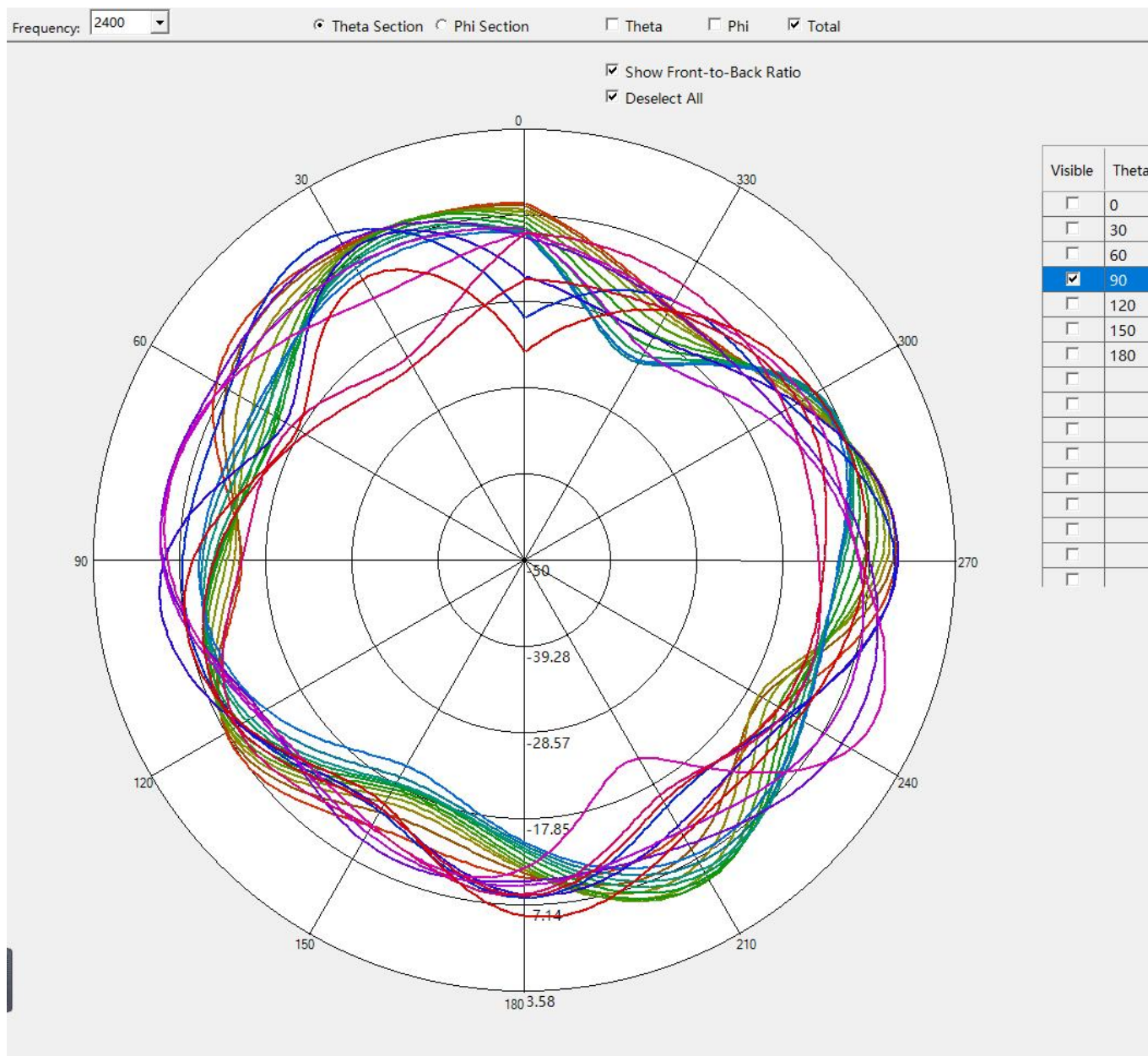


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5.3 辐射方向图/Radiation Pattern

5.3.1 H-plane

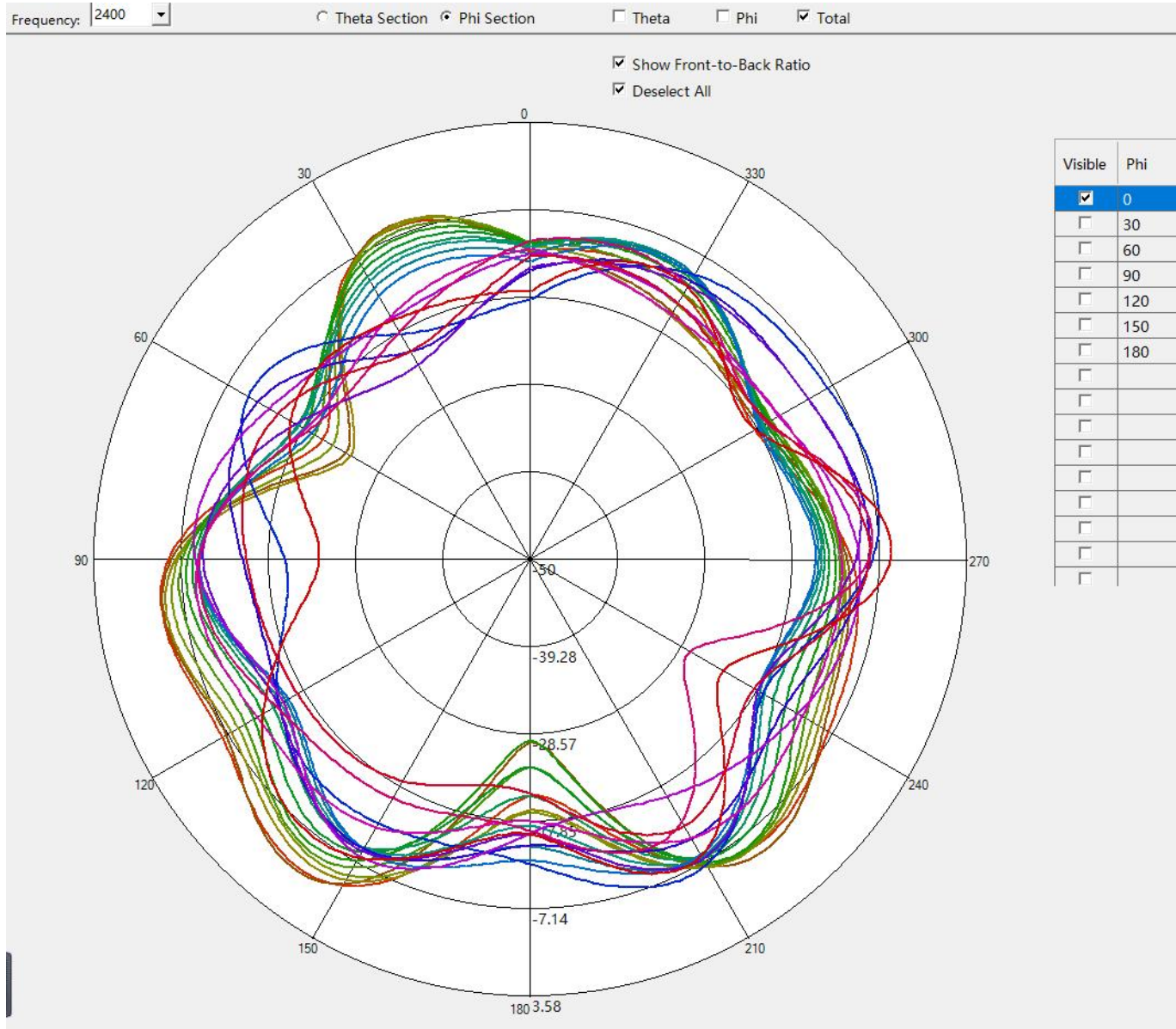


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5.3.2 E-plane

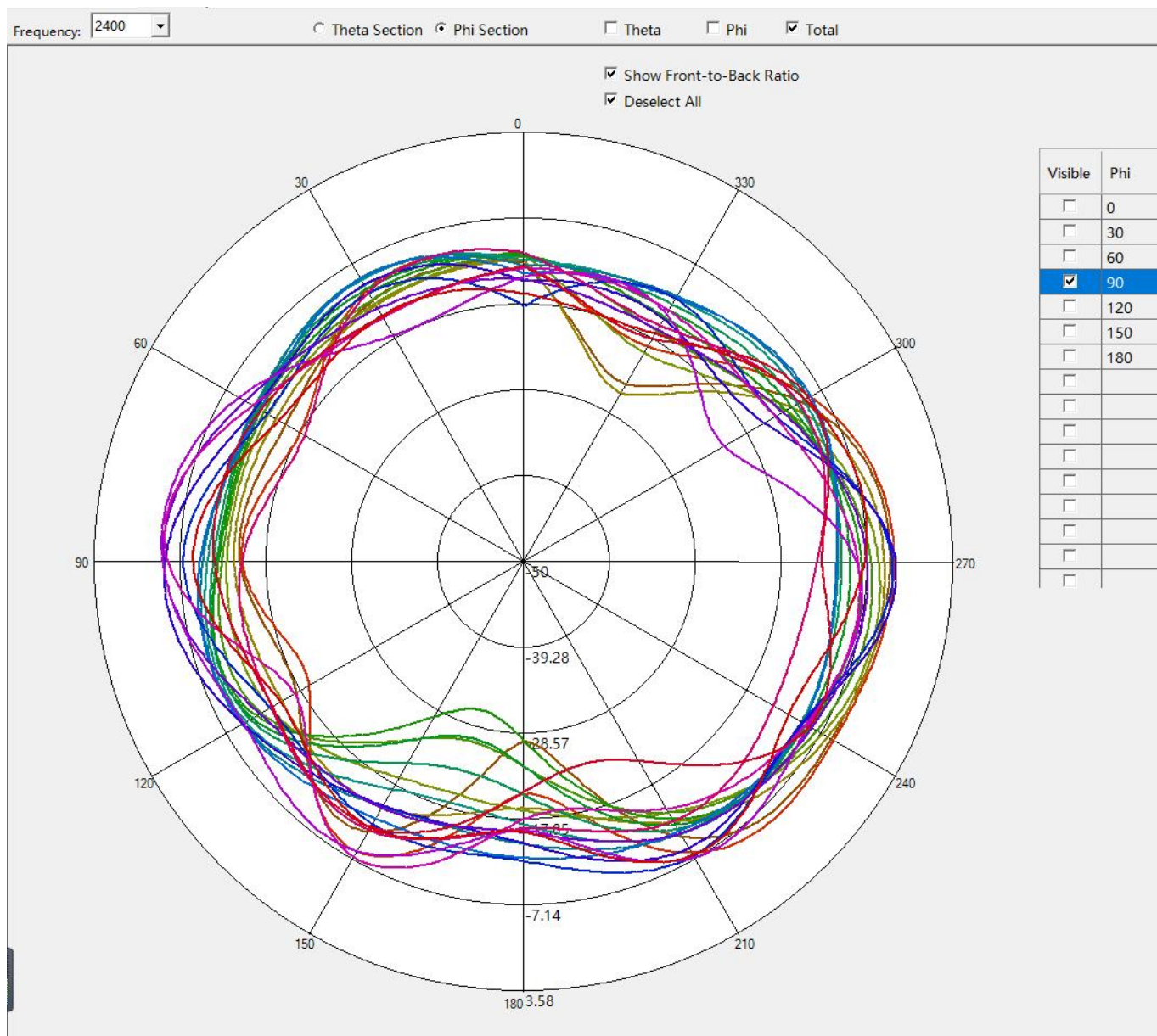
E1



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E2



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5.4 增益和效率/Gain and Efficiency

Freq (MHZ)	Eff (%)	GAIN (DBi)		Freq (MHZ)	Eff (%)	GAIN (DBi)
2400	18.53	-2.02		5150	13.02	-4.54
2410	17.24	-2.17		5250	13.63	-4.30
2420	17.23	-2.28		5350	14.63	-4.51
2430	16.74	-2.19		5450	14.70	-3.34
2440	16.22	-2.33		5550	12.22	-4.19
2450	15.73	-2.59		5650	10.55	-3.53
2460	15.05	-2.80		5750	10.51	-4.19
2470	14.62	-3.04		5850	12.59	-3.04
2480	14.89	-2.71				
2490	14.62	-2.30				
2500	13.94	-2.18				

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6 环境处理建议/Environmental Treatment Suggestions

环境不需要做处理/The environment does not need to be treated

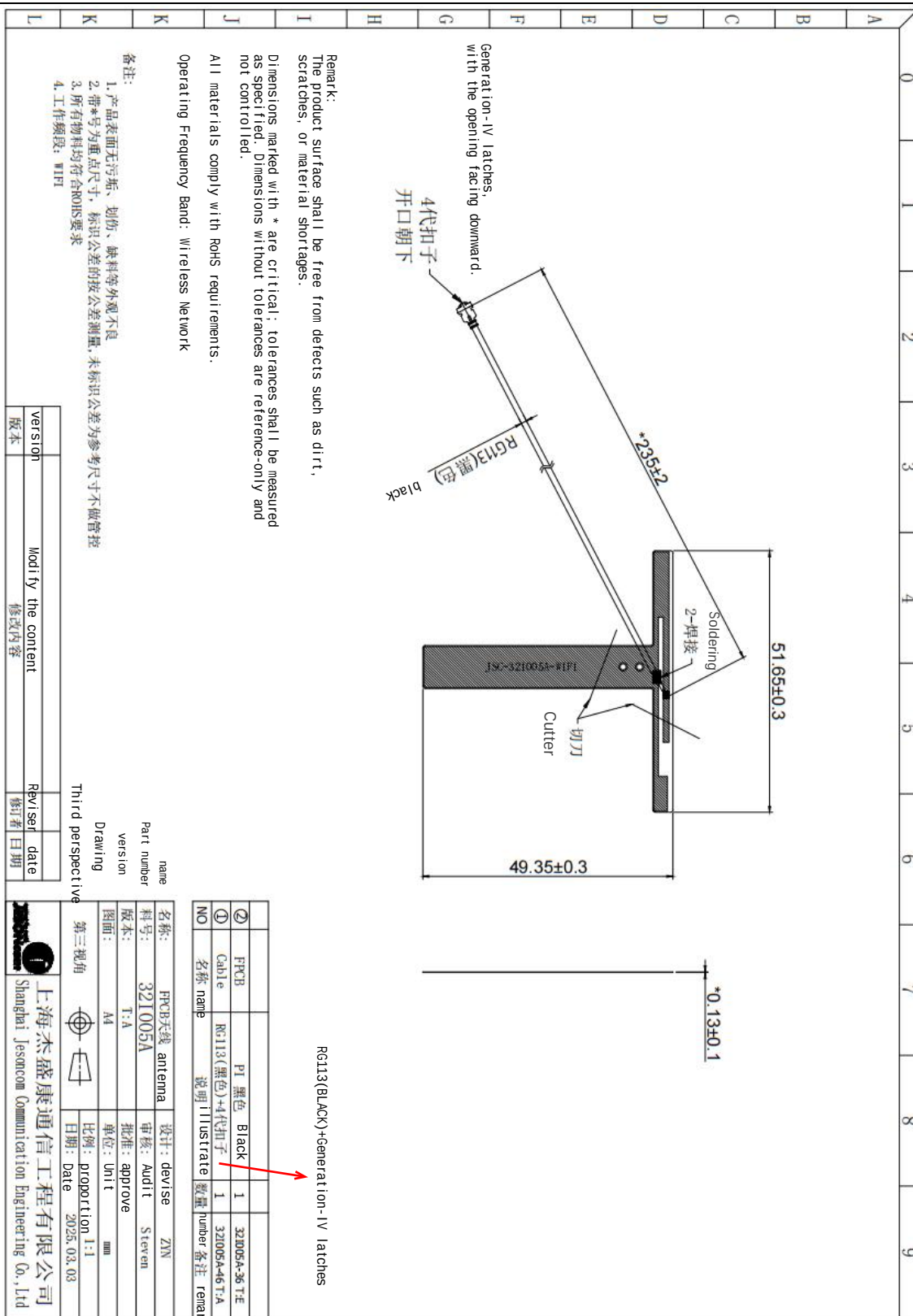
7 阻抗匹配要求/Impedance Matching Requirement

匹配不需要做处理/No matching network is required.

8 天线外形图/Antenna Outline Drawing (AOD)

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9 天线安装指导/Antenna Installation Guide

9.1 天线安装及馈线走线说明/Antenna Installation and Feeder Cable Routing Instructions



10 其他/others

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