深圳旭航通讯科技有限公司

Shenzhen Xuhang Communication

规格承认书

客户 **CUSTOMER**	
客户料号 **CUSTOMER NO.**	
供方品名 **PART NAME**	
规格名称 **SUPPLIER NO.**	

客户确认 **CUSTOMER APPROVED BY**		
检验 **APPROVAL**	审核 **CHIEF**	批准 **SUPERVISOR**

设计 **DESIGN**	审核 **CHECK**	批准 **APPROVAL**
Luo	**Robert**	**SHANG**

Date: June 18, 2025

Manufacturer:shen zhen shi shou lie ke ji you xian gong si
Address:801, Building 1,Xinlikang Supply Chain Service Industrial Park, No.6 Lianlidong Road, Xialilang Community, Nanwang Street, Longgang District, Shenhzhen, Guangdong Province, China.

DIRECTORY

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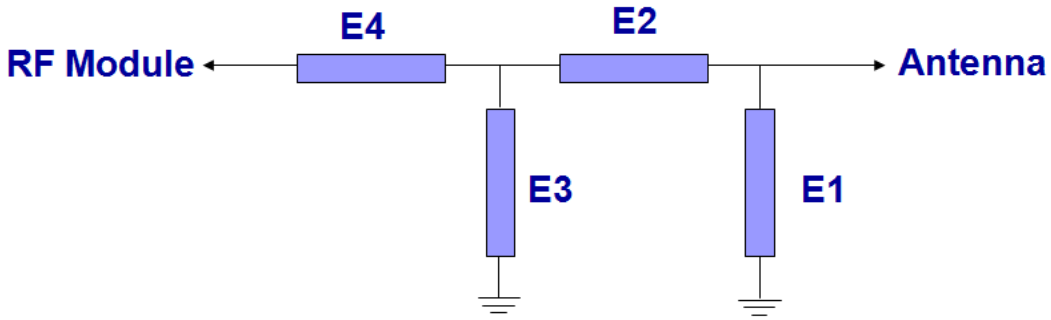
电性测试报告

TEST REPORTS

频率 Frequency	(2400~2500MHz)
阻抗 Impedance	50 0hm Nominal
驻波比 V.S.W.R	＜2.0
回波损耗 Return Loss	-10dB Max
辐射 Radiation	Omni-directional
增益 Gain(Peak)	2.62dBi
极化方式 Polarization	Linear,Vertical
功率 Admitted Power	1W
连接器 Connector	
Physical Properties	
天线材质 Antenna Material	
线材类型 Cable Type	O.D.1.13mm
工作温度 Operating Temp.	-10-+60℃
存储温度 Storage Temp.	-10-+70℃
线材颜色 Cable Color	Black

匹配电路

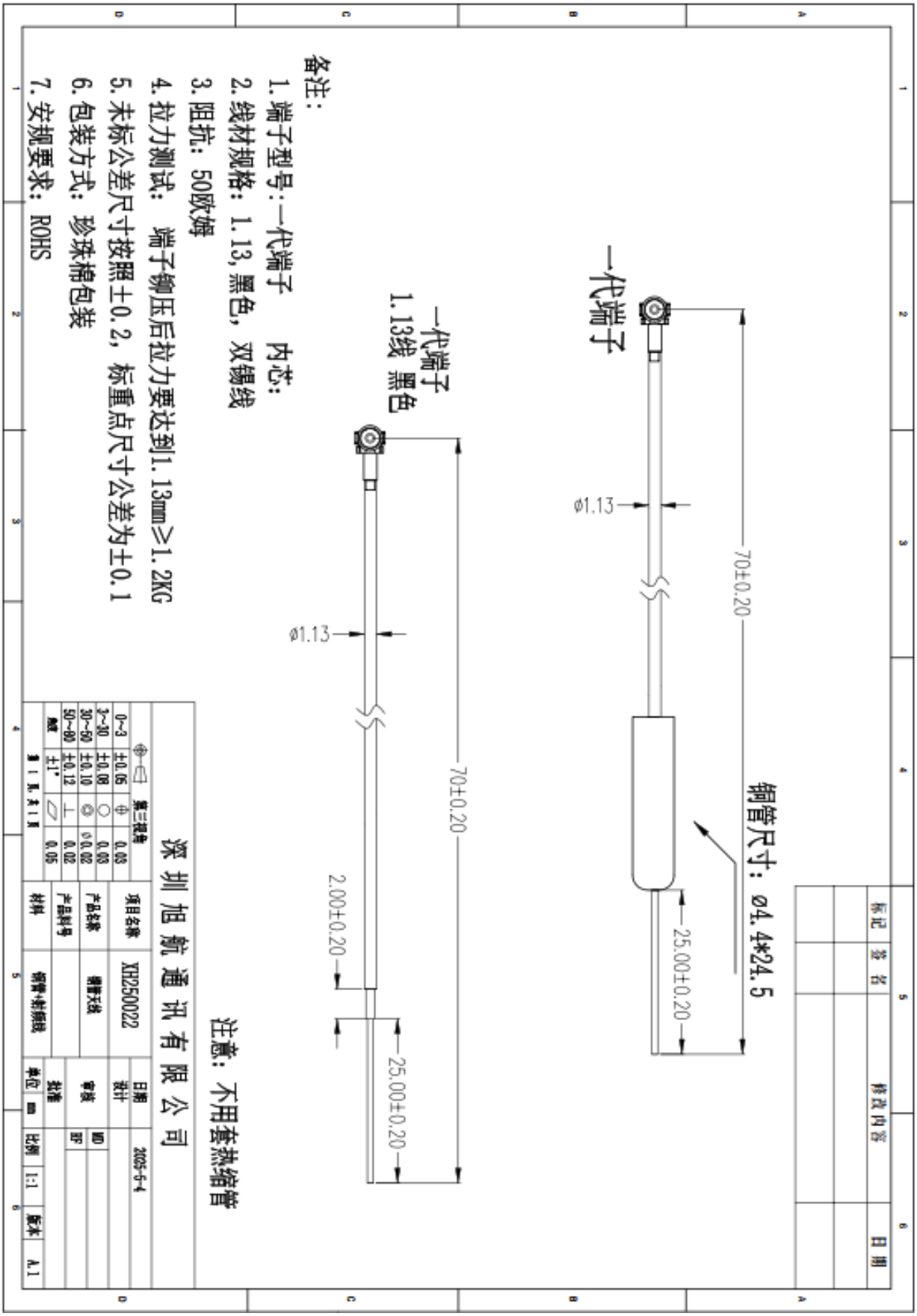
Matching Circuits



匹配电路

The original matching circuit has not been modified

DRAWING



备注:
1.端子型号:一代端子 内芯:
2.线材规格: 1.13,黑色, 双锡线
3.阻抗: 50欧姆
4.拉力测试: 端子铆压后拉力要达到1.13mm≥1.2KG
5.未标公差尺寸按照±0.2, 标重点尺寸公差为±0.1
6.包装方式: 珍珠棉包装
7.安规要求: ROHS
一代端子
一代端子
1.13线 黑色
ø1.13
ø1.13
70±0.20
70±0.20
2.00±0.20
25.00±0.20
25.00±0.20
铜管尺寸: ø4.4*24.5
注意: 不用套热缩管
深圳旭航通讯有限公司
XH250022
2025-5-4

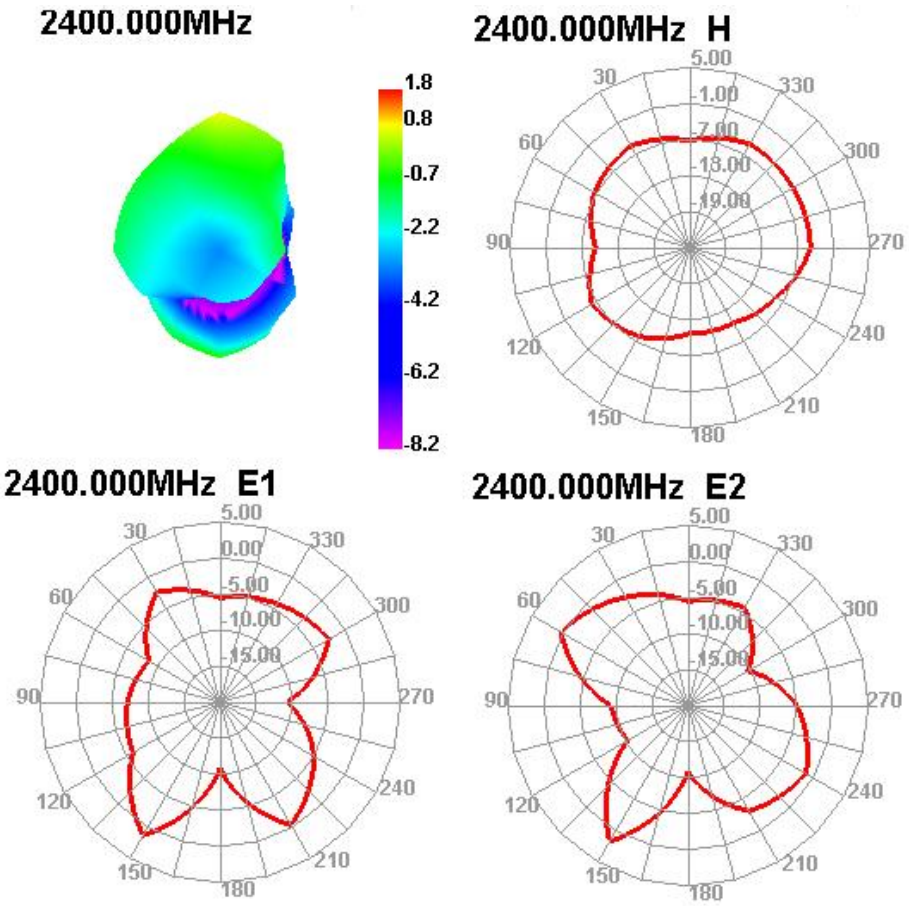
测试数据

Test Data

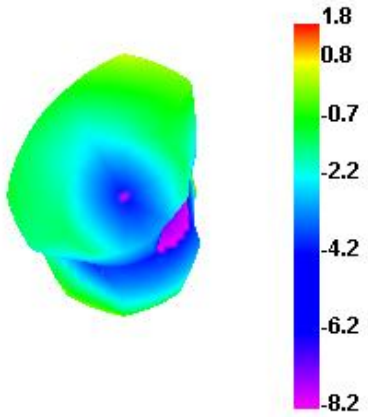
无源数据

Freq (MHz)	Effi (%)	Gain (dBi)
2400	51.26	1.77
2410	46.04	1.15
2420	52.73	1.88
2430	55.5	2.17
2440	60.99	2.62
2450	53.24	1.8
2460	48.66	1.56
2470	49.38	1.5
2480	46.48	1.15
2490	54.5	1.64
2500	57.36	2.04

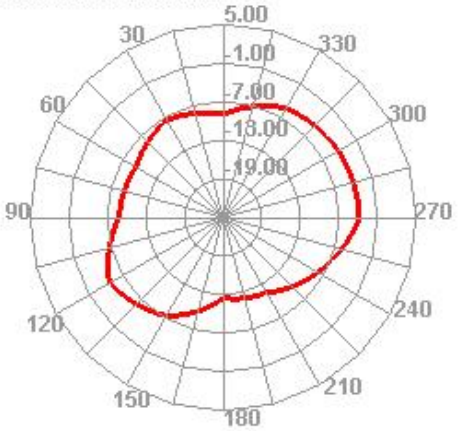
3D 方向图



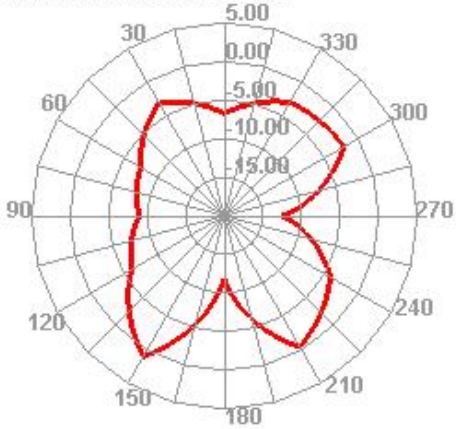
2450.000MHz



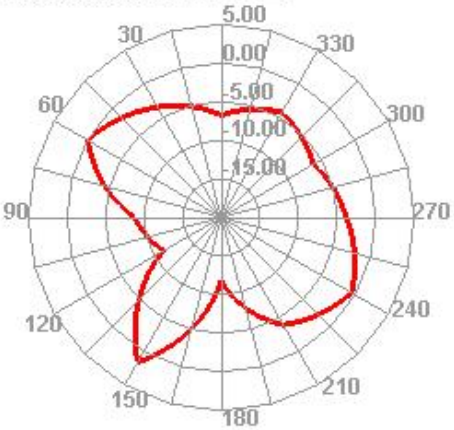
2450.000MHz H



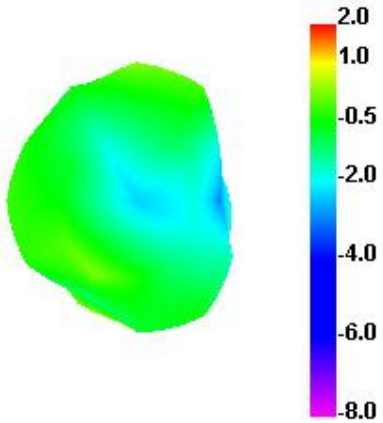
2450.000MHz E1



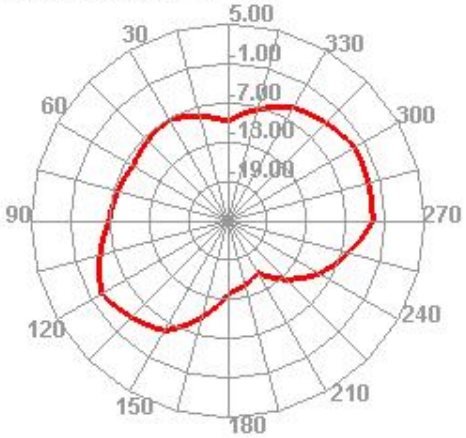
2450.000MHz E2



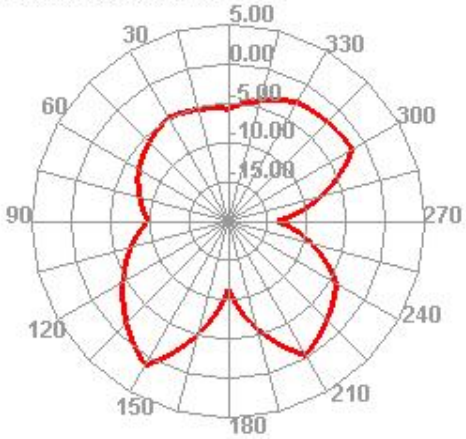
2500.000MHz



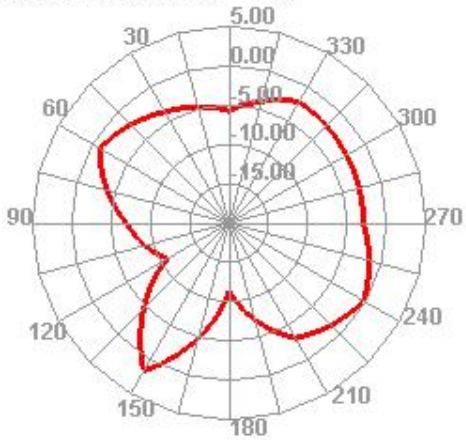
2500.000MHz H



2500.000MHz E1

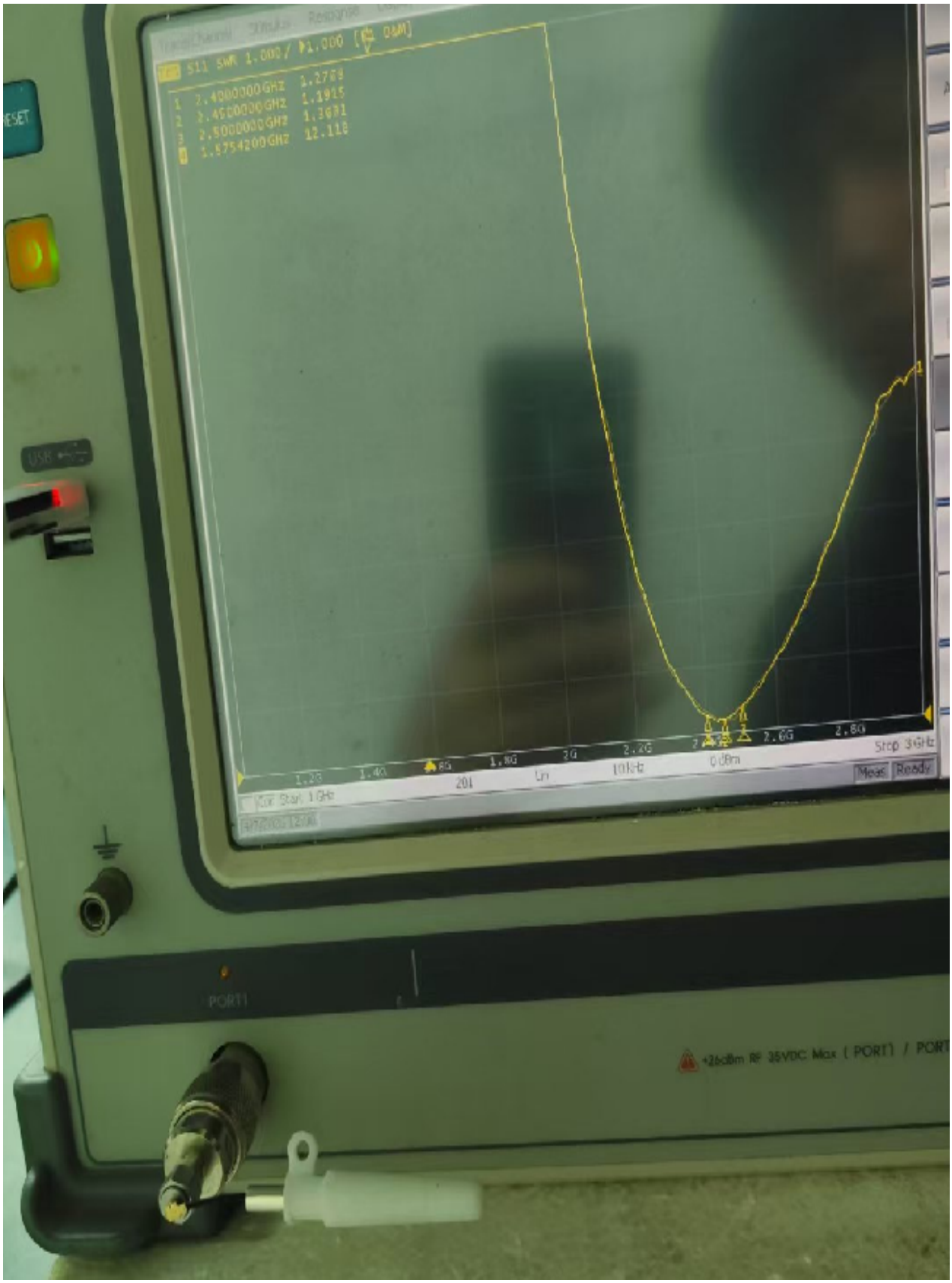


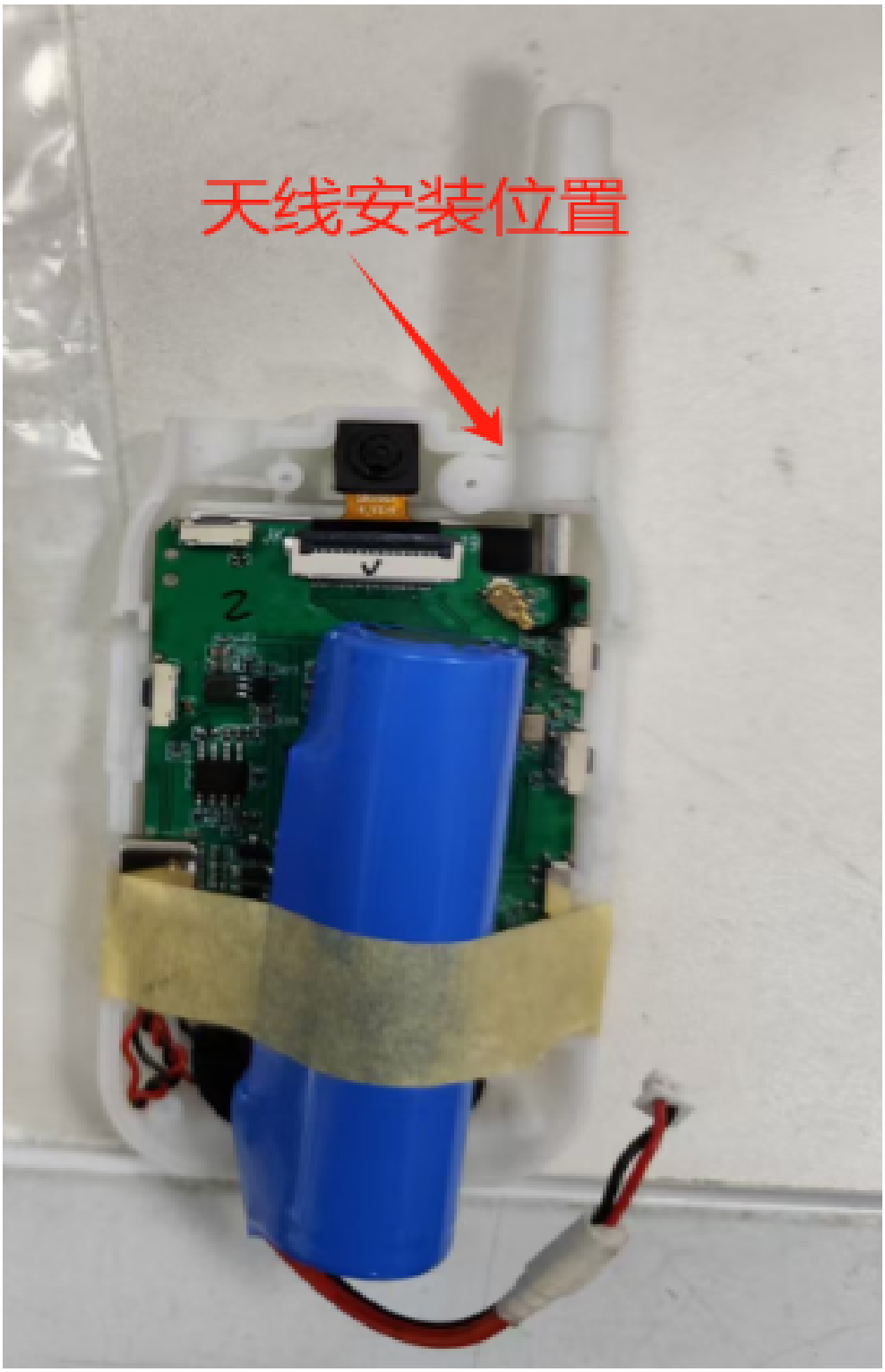
2500.000MHz E2



无源驻波

Standing wave loss



天线安装位置

Antenna assembly position