

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

客 户 名 称 : _____

产 品 名 称 : 2.4GHz Antenna L=150mm MHF

产 品 料 号 : LY-A108-150A

客 户 料 号 : _____

送 样 日 期 : 2022-9-02

工程确认：

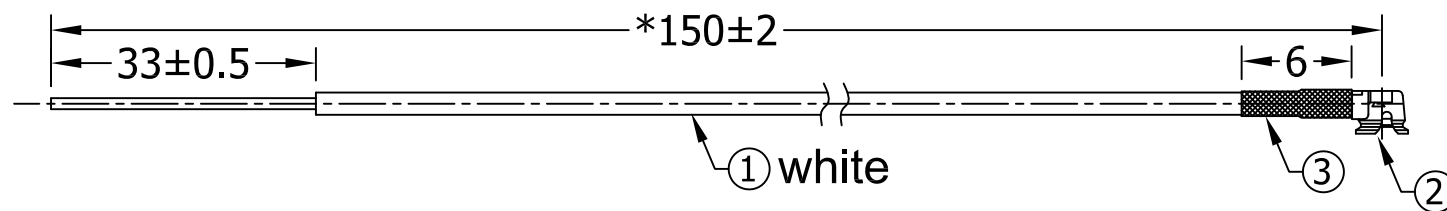
核准	工程	制作	签章
Approval	Quality	Engineer	

客户确认：

核准	研发	品质	签章
确认结果： ☐ 合格 ☐ 不合格 ☐ 其它			

RoHS Compliant

REV	DATE	DESCRIPTION
A	9/02-2022	



Specification:
Frequency Rang:2.4~2.5GHz
Return Loss:-10dB or less
VSWR:1.92 Max
Gain:1.5 dBi

3	HSTUBE		ø 1.5*6mm	1
2	Connector	CONN	U.FL Au Plated	1
1	Cable	RG1.13	white(白色)	1
No.	Description	Material	Finished	Q'ty

蓝一通讯科技有限公司 LANYI COMMUNICATION TECHNOLOGY CO., LTD				Tel:0769-81239683 13538581887	
TITLE: 2.4GHz Antenna L=150mm					
PART NO.: LY-A108-150A			DWG NAME:LY-A108.dwg		
APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance	
		马 兰	UNITS: mm	X.	±1.0
			SCALE: 1/1	X.X	±0.5
			REVISION: A	X.XX	±0.2

RF Antenna Cable Assembly

Specification

1. Electrical Properties

1.1 Frequency Range.....2.4GHz-2.5GHz

1.2 Impedance.....50 Ω Nominal

1.3 VSWR.....1.92:1MAX

1.4 Return Loss.....-10dB Max

1.5 Gain(peak)1.5dBi

1.6 Cable loss.....0.3dBi Max

1.7 Polarization.....Linear

1.8 Admitted Power.....2W

1.9 Cable.....0.D 1.13

1.10 Conn.....IPEX

2. Physical Properties:

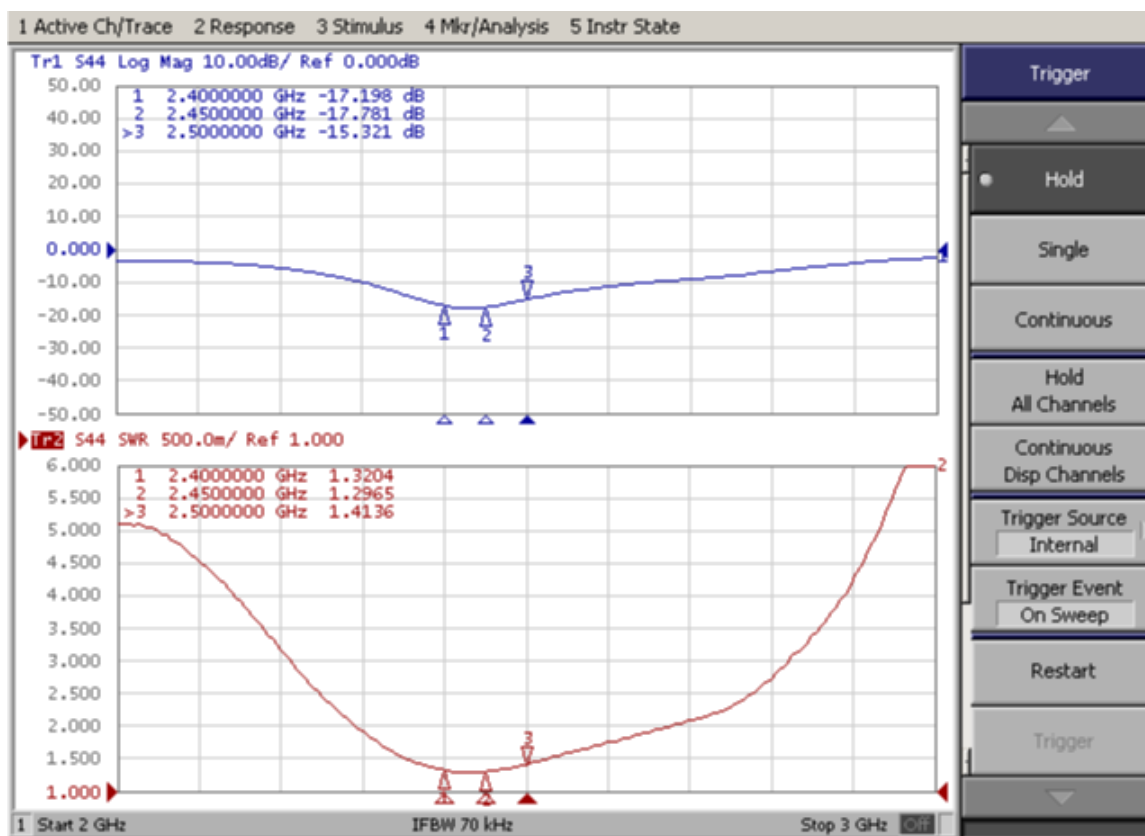
2.1 Antenna Material.....CU

2.4 Operating Temp.....-40 $^{\circ}$ C- +80 $^{\circ}$ C

RF Antenna Assembly

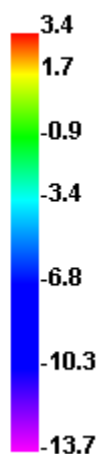
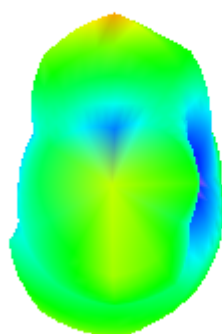
VSWR

VSWR parameter in sample antenna tested in free space

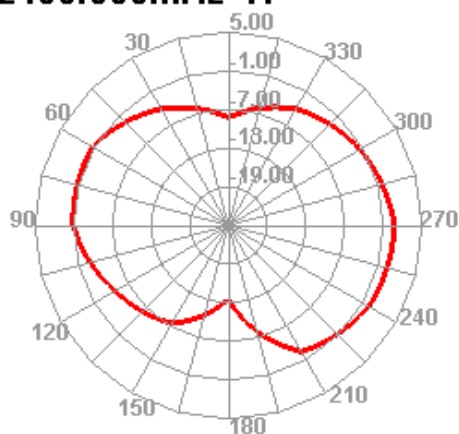


Efficiency

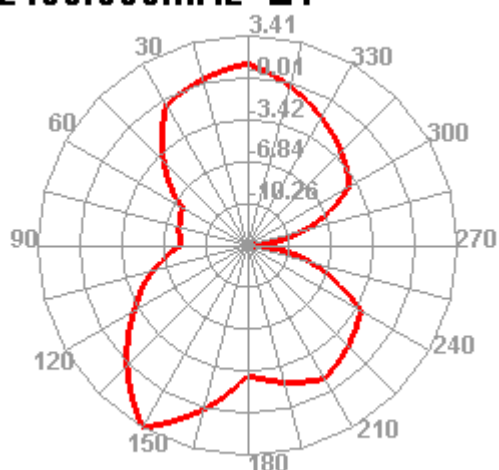
2400.000MHz



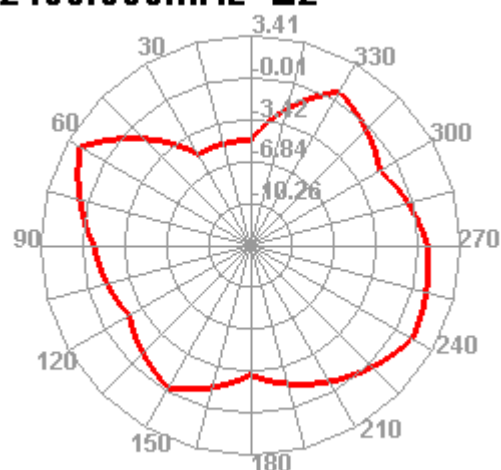
2400.000MHz H



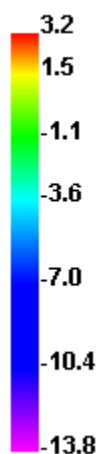
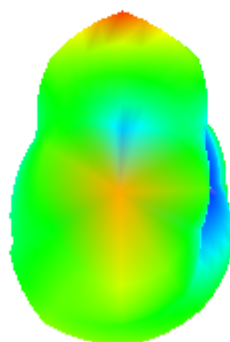
2400.000MHz E1



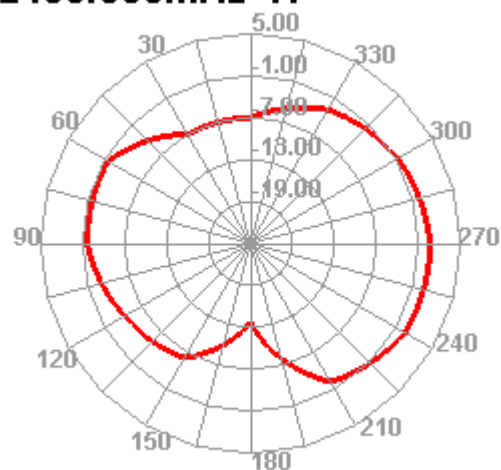
2400.000MHz E2



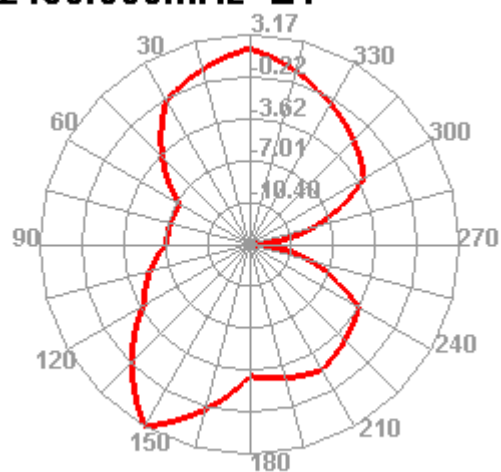
2450.000MHz



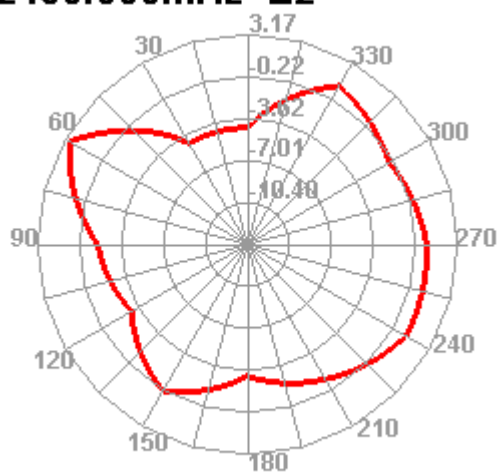
2450.000MHz H



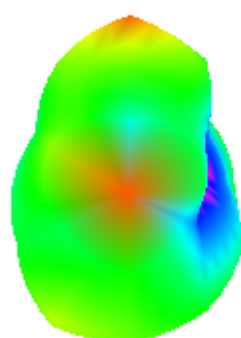
2450.000MHz E1



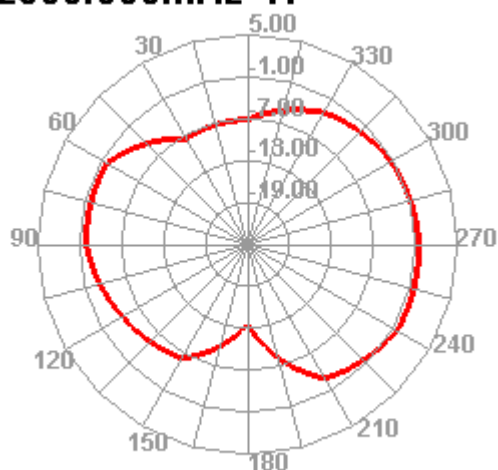
2450.000MHz E2



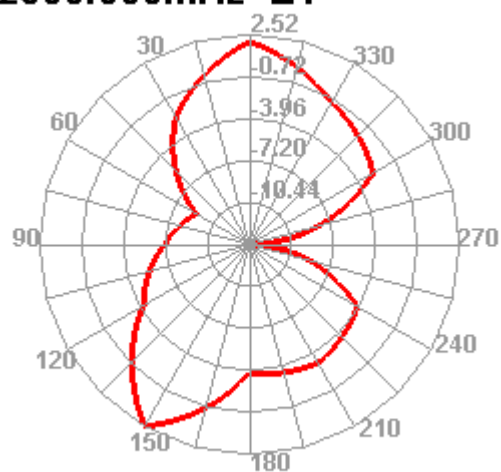
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

