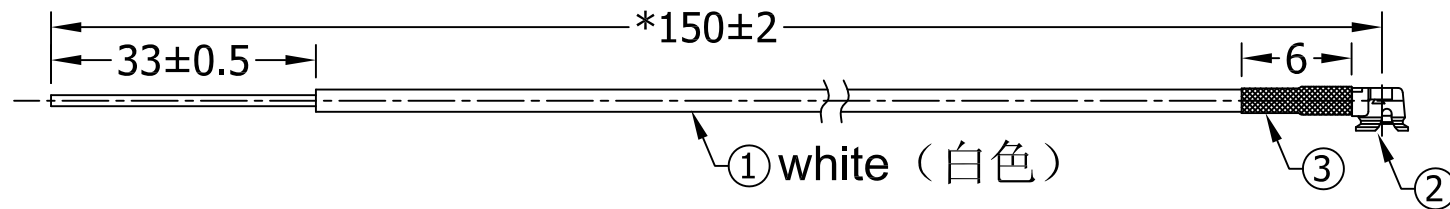


RoHS Compliant

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

**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	DESIGNED BY	 UNITS: mm SCALE: 1/1 REVISION: A	Tolerance X.    ±1.0 X.X   ±0.5 X.XX ±0.2
		马 兰		

3	HSTUBE		∅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

## **RF Antenna Cable Assembly**

### Specification

#### 1. Electrical Properties

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

1.2 Impedance.....50Ω Nominal

1.3 VSWR.....1.92:1MAX

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

1.5 Gain(peak).....1.5dBi Max

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:

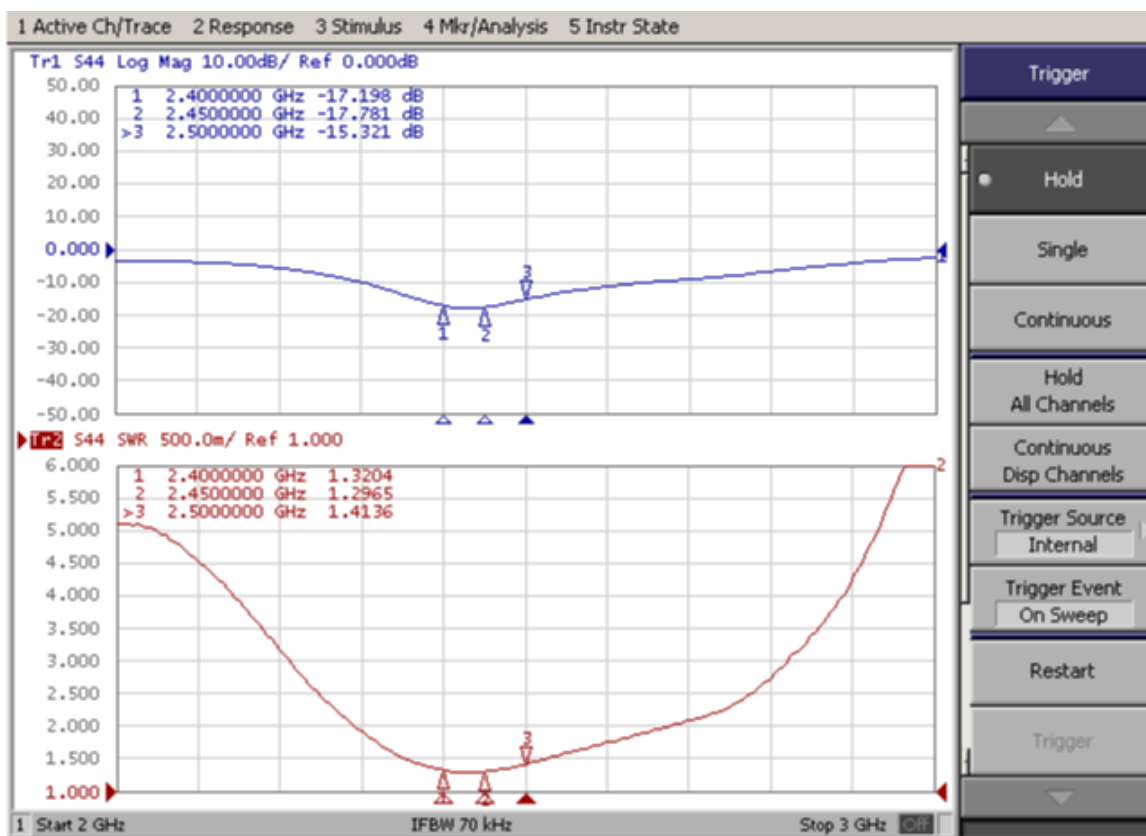
2.1 Antenna Material.....CU

2.4 Operating Temp.....-40℃- +80℃

## RF Antenna Assembly

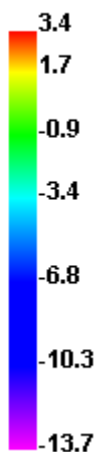
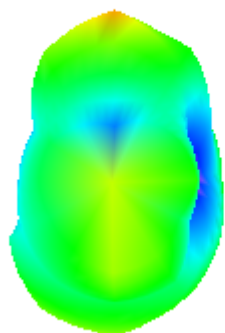
### VSWR

VSWR parameter in sample antenna tested in free space

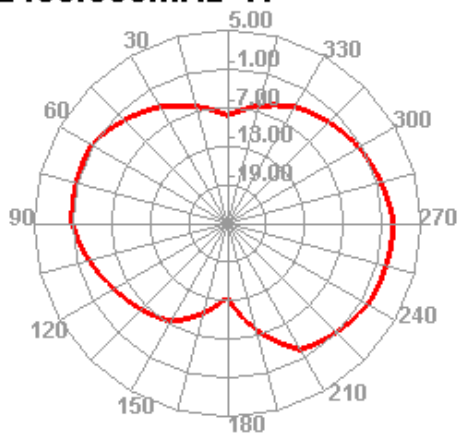


Efficiency

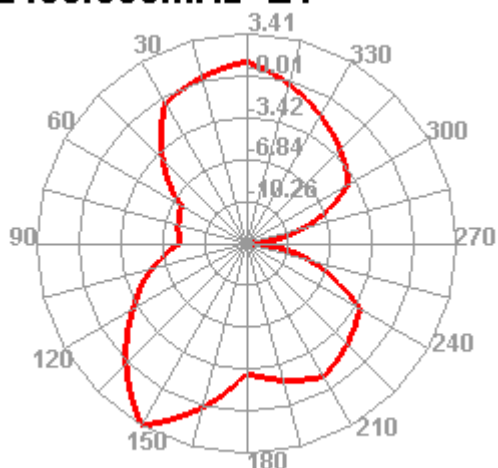
2400.000MHz



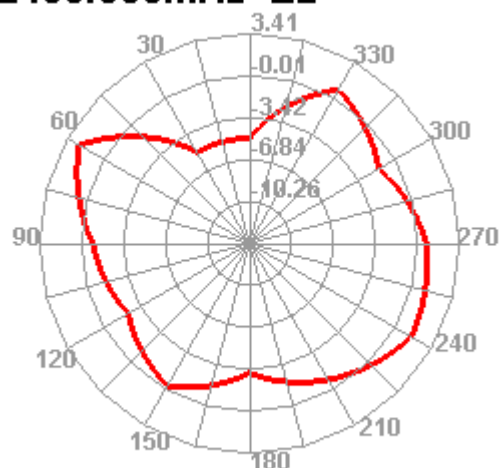
2400.000MHz H



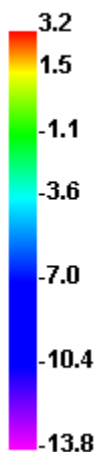
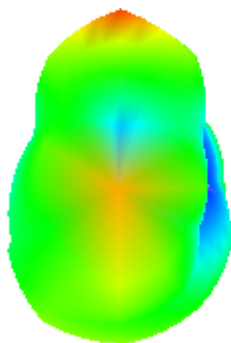
2400.000MHz E1



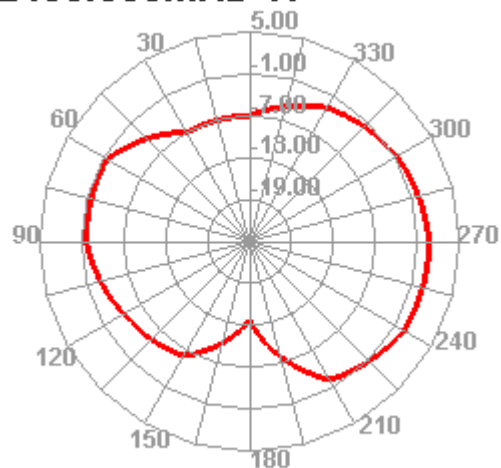
2400.000MHz E2



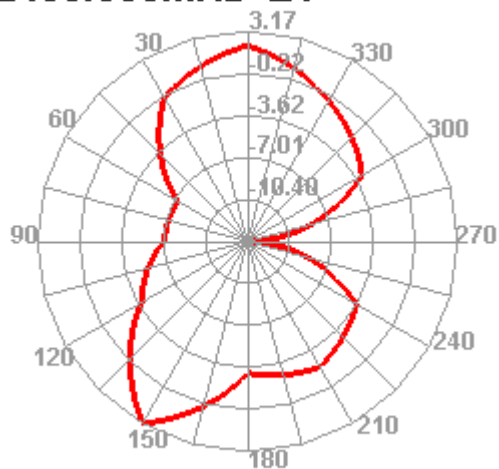
2450.000MHz



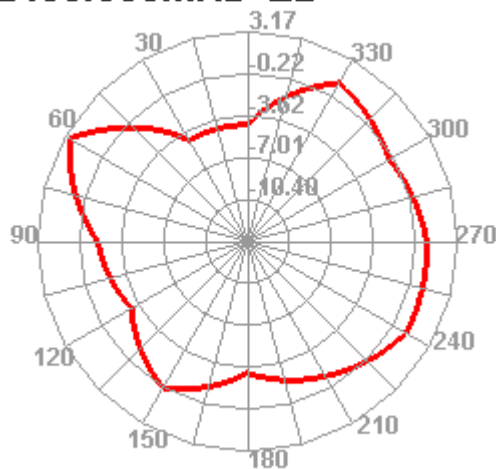
2450.000MHz H



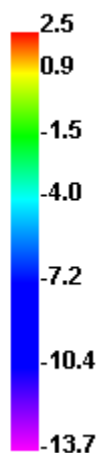
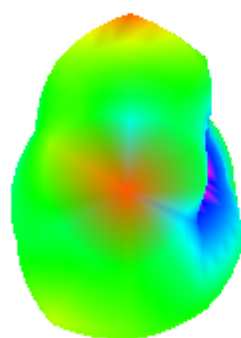
2450.000MHz E1



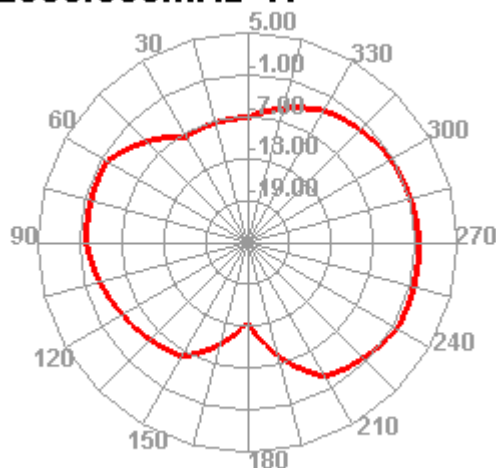
2450.000MHz E2



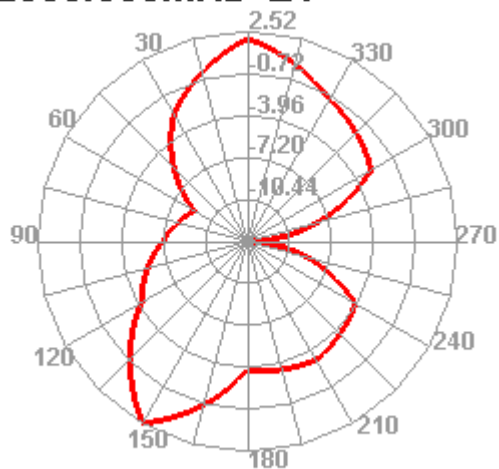
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

