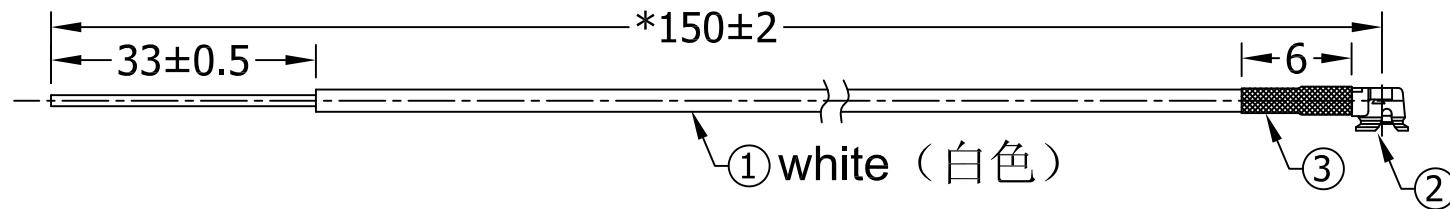


RoHS Compliant

| 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 | | Tolerance |
|-------------|------------|-------------|-------------|------------|
| | | 马 兰 | UNITS: mm | X. ±1.0 |
| | | | SCALE: 1/1 | X.X ±0.5 |
| | | | REVISION: A | X.XX ±0.2 |

| 3 | HSTUBE | | φ1.5*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:

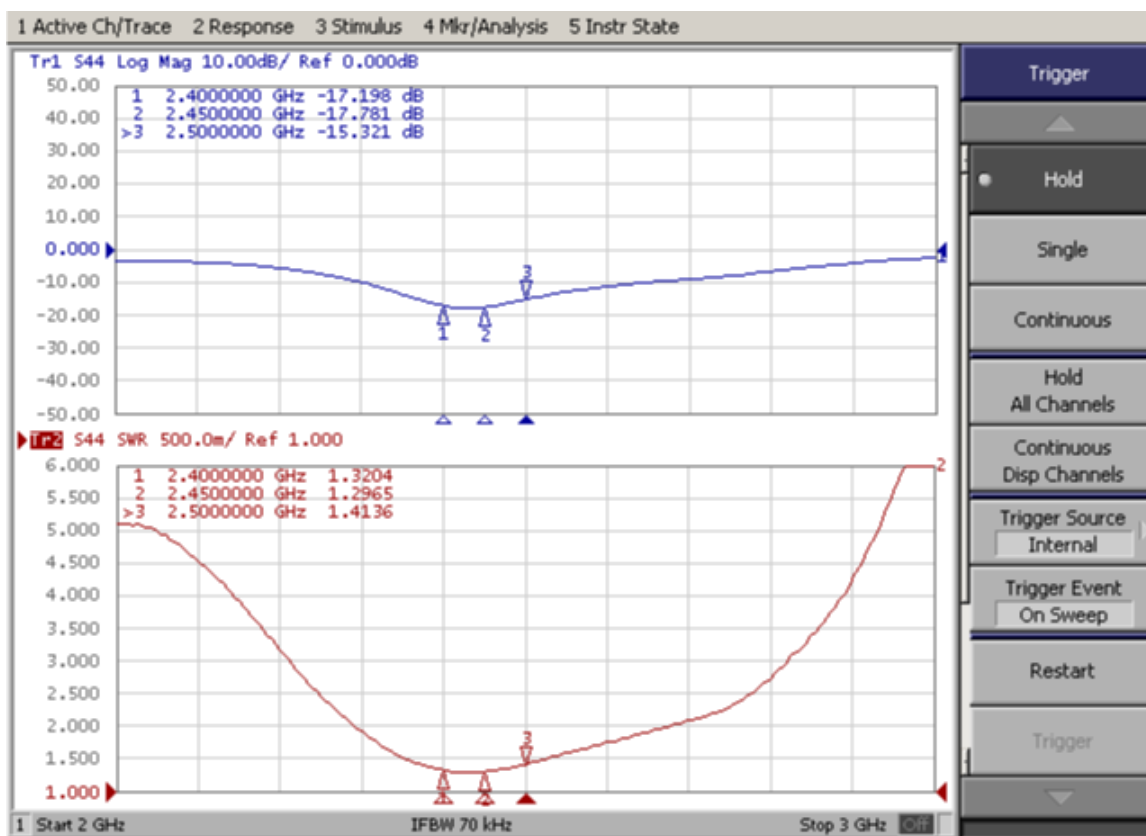
2.1 Antenna Material.....CU

2.4 Operating Temp.....-40℃- +80℃

RF Antenna Assembly

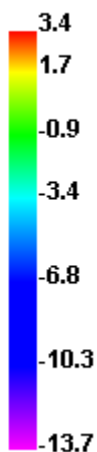
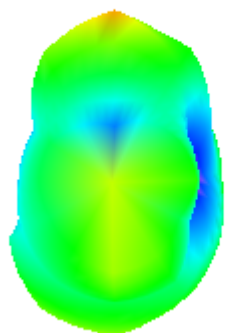
VSWR

VSWR parameter in sample antenna tested in free space

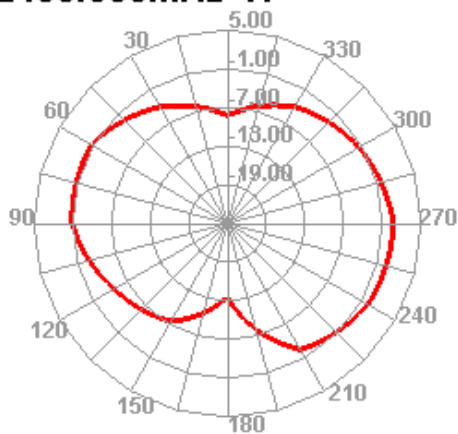


Efficiency

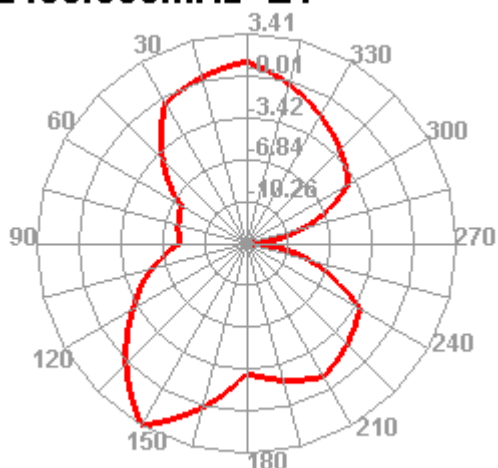
2400.000MHz



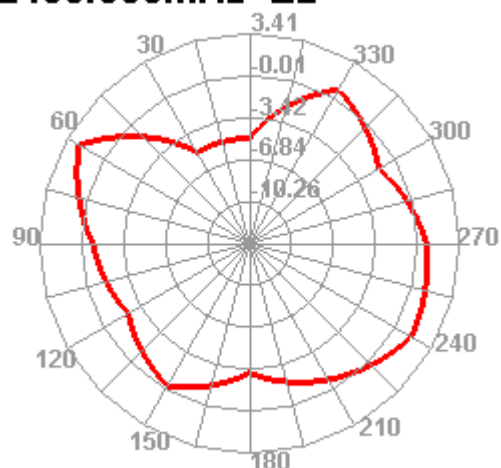
2400.000MHz H



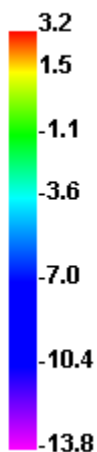
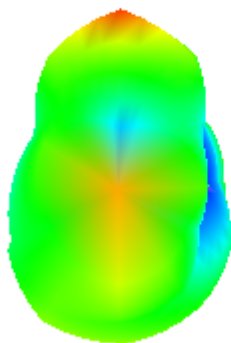
2400.000MHz E1



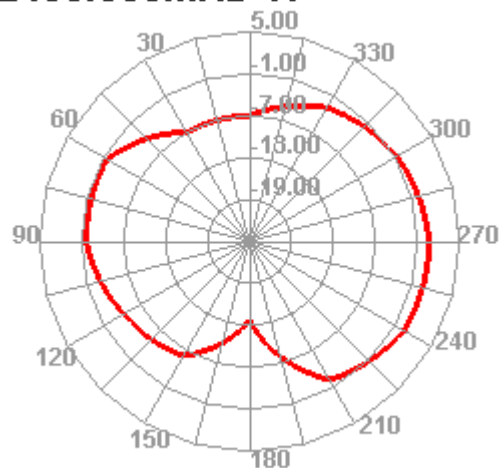
2400.000MHz E2



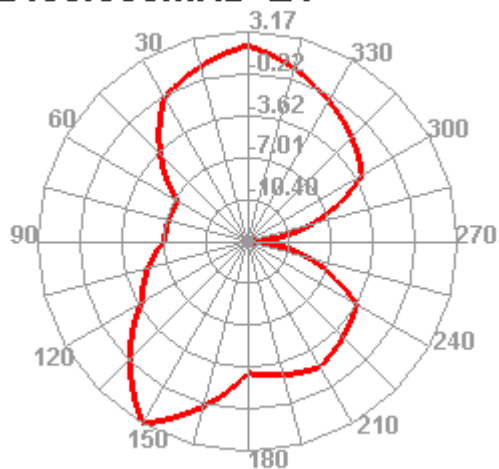
2450.000MHz



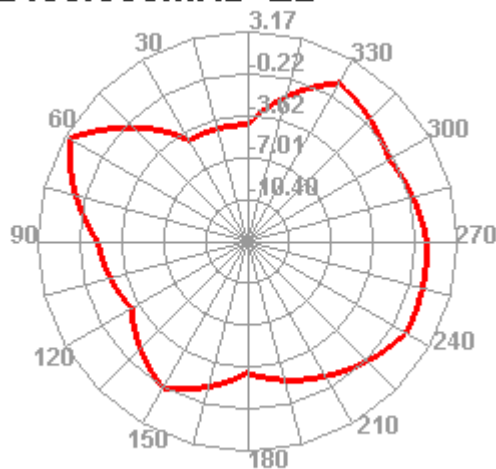
2450.000MHz H



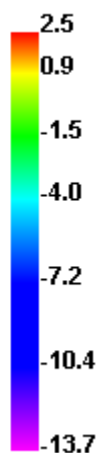
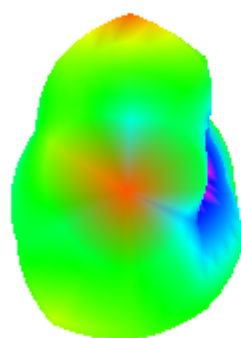
2450.000MHz E1



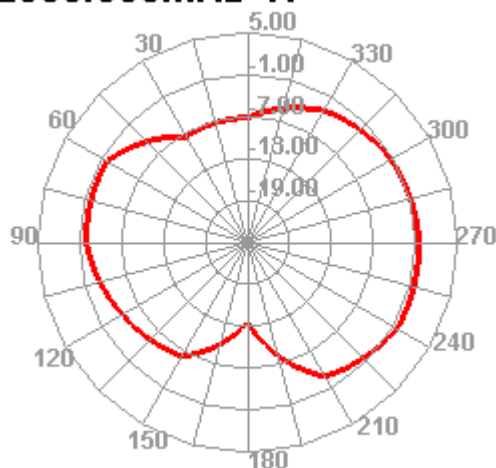
2450.000MHz E2



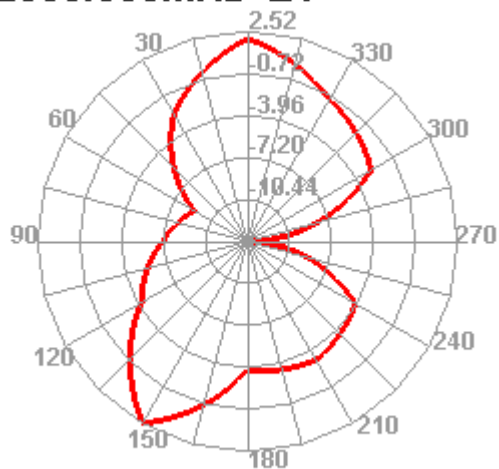
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

