



## 2.4G dual-polarization high-gain 14dbi flat-panel directional antenna, suitable for wireless WIFI, Bluetooth and unmanned aerial vehicle flight control operation. Dimensions: 190\*19\*40mm

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-12172-A
- Minimum Order Quantity: 2
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



### Product Specification

- Frequency: 2400-2500MHz
- VSWR: <2.0
- Peak Gain: 14dBi
- Impedance: 50



### More Images



for more products please visit us on [leenzantenna.com](http://leenzantenna.com)

## Product Description

### 1. Specification

A. Electrical Characteristics	
Frequency	2400-2500MHz
S.W.R.	$\leq 2.0$
Antenna Gain	14dBi
Polarization	H+V
Horizontal Beamwidth	30°
Vertical Beamwidth	30°
F/B	$>25$ dB
Impedance	50Ohm
Max. Power	50W
B. Material & Mechanical Characteristics	
Connector Type	2*N-K
Dimension	190*190*40mm
Radome material	ABS
Weight	0.4Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

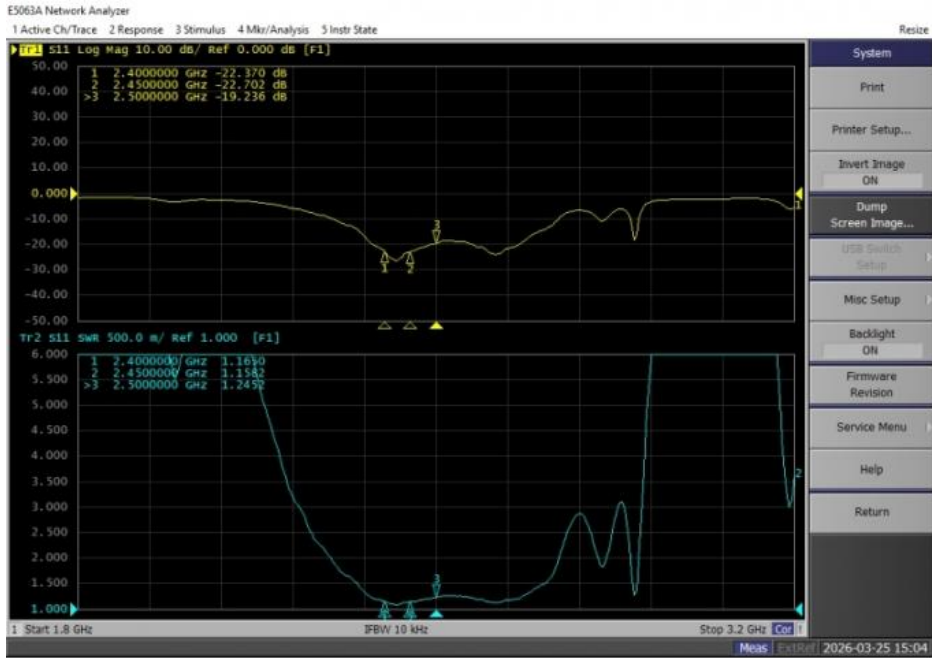
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR

##### Port 1(H)



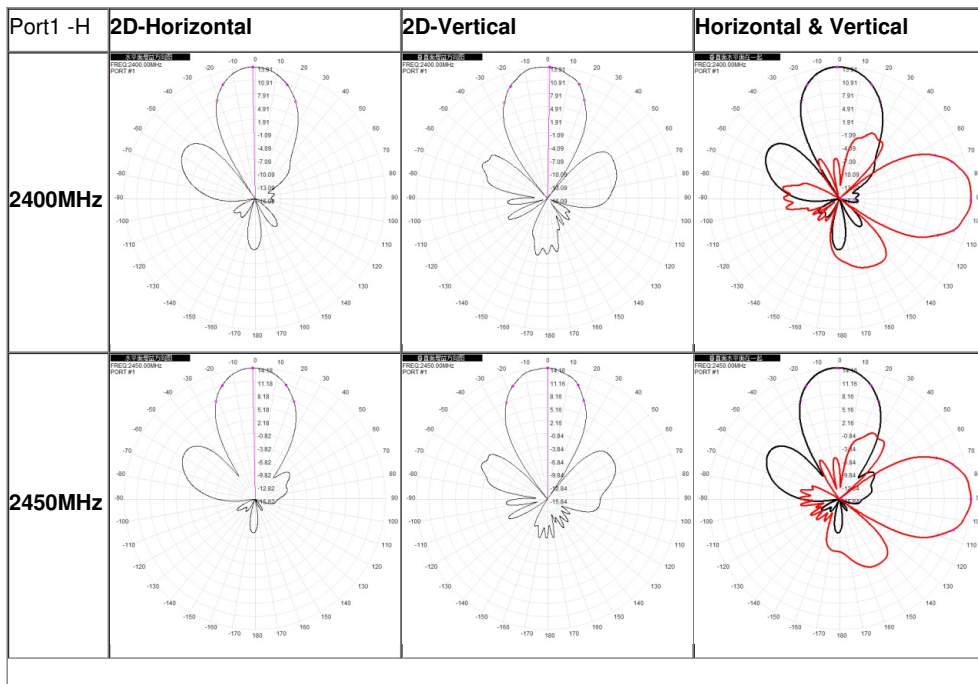
##### Port 2(V)

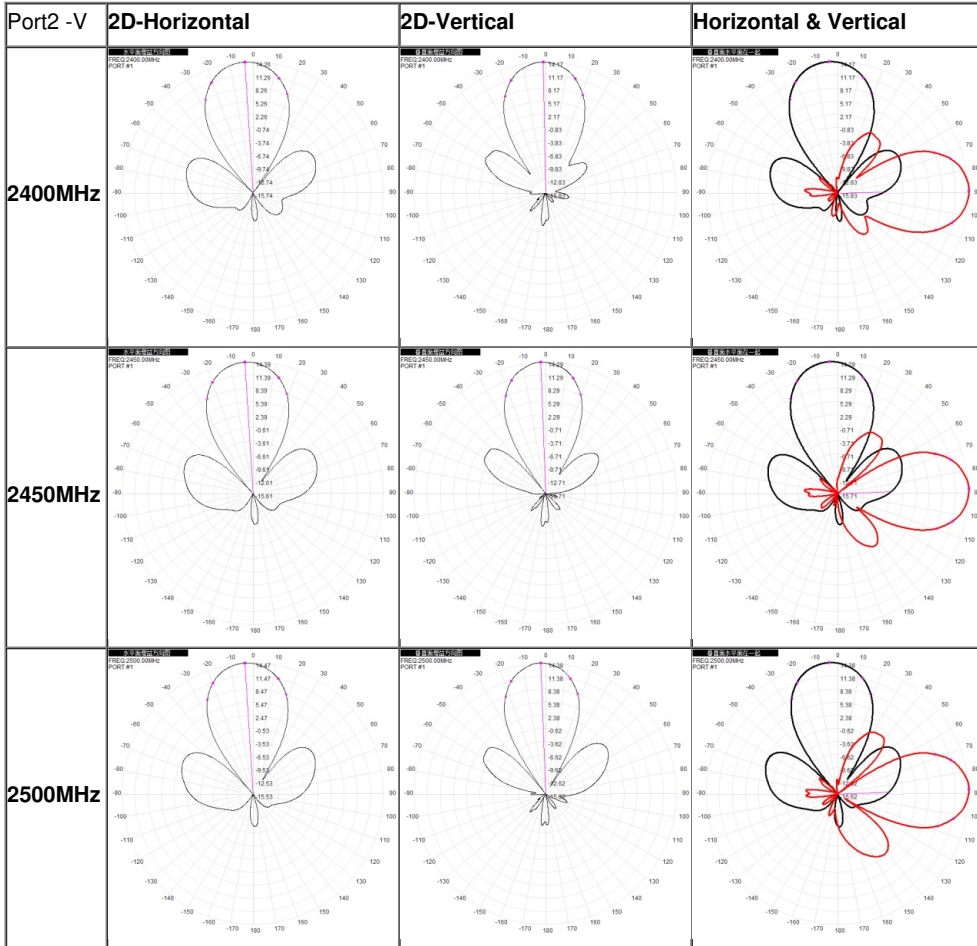
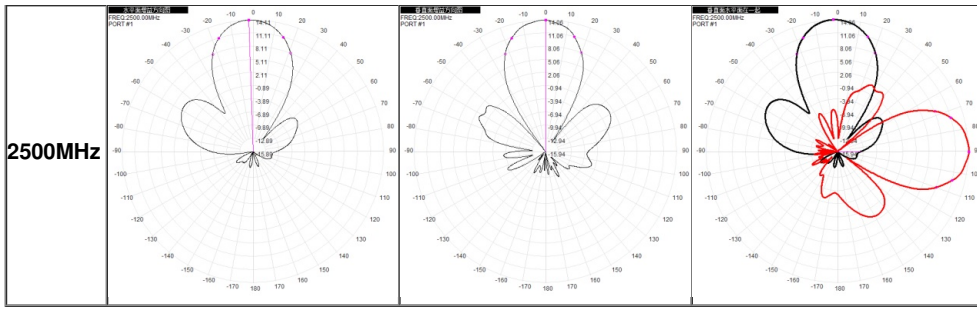


### 2.2 Total Efficiency & Gain:

Port 1		Port 2	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
2400	13.9	2400	14.3
2410	14.0	2410	14.3
2420	14.0	2420	14.3
2430	14.2	2430	14.3
2440	14.2	2440	14.5
2450	14.2	2450	14.4
2460	14.3	2460	14.5
2470	14.2	2470	14.5
2480	14.3	2480	14.6
2490	14.1	2490	14.4
2500	14.1	2500	14.5

### 2.3 Radiation Pattern





Dongguan Leenz Electronics Co., Ltd



13711820037



joycewang@lzd-tech.com



leenzantenna.com

2nd Floor, Building 1, Xinhe Industrial Park No. 162, Zhen'an East Road, Chang'an Town, Dongguan City, Guangdong Province