



2.4G+5.8G 12dbi single-polarization independent interface wifi directional antenna 186x186mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11874-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 2400-2500MHz; 5180-5850MHz
- VSWR: <2.0
- Peak Gain: 12dBi
- Impedance: 50



More Images



Product Description

1. Specification

A. Electrical Characteristics

Port	Port 1	Port 2
Frequency	2400-2500MHz	5150-5850MHz
S.W.R.	≤ 2.0	≤ 2.0
Antenna Gain	12dBi	12dBi
Polarization	V	V
Horizontal Beamwidth	$50 \pm 10^\circ$	$50 \pm 10^\circ$
Vertical Beamwidth	$30 \pm 10^\circ$	$30 \pm 10^\circ$
F/B	21-25dB	20-27dB
Impedance	50Ohm	50Ohm
Max. Power	50W	50W

B. Material & Mechanical Characteristics

Connector Type	2*N -K
Dimension	186*186*28mm
Radome material	ABS
Mount Pole	$\varnothing 30$ - $\varnothing 50$
Weight	0.Kg

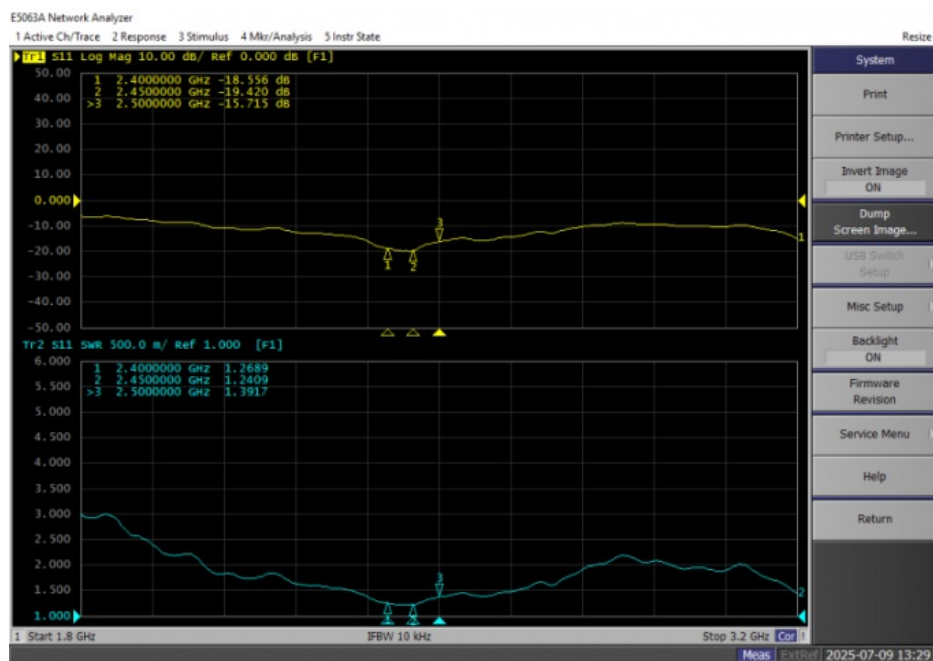
C. Environmental

Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

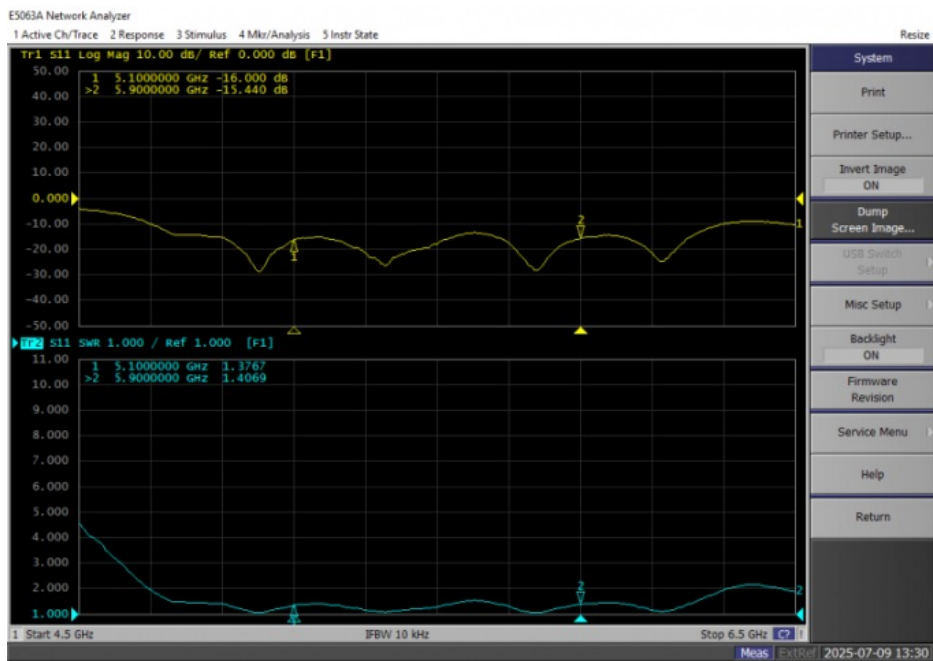
2. Antenna - S Parameter Test Data

2.1 VSWR

Port1



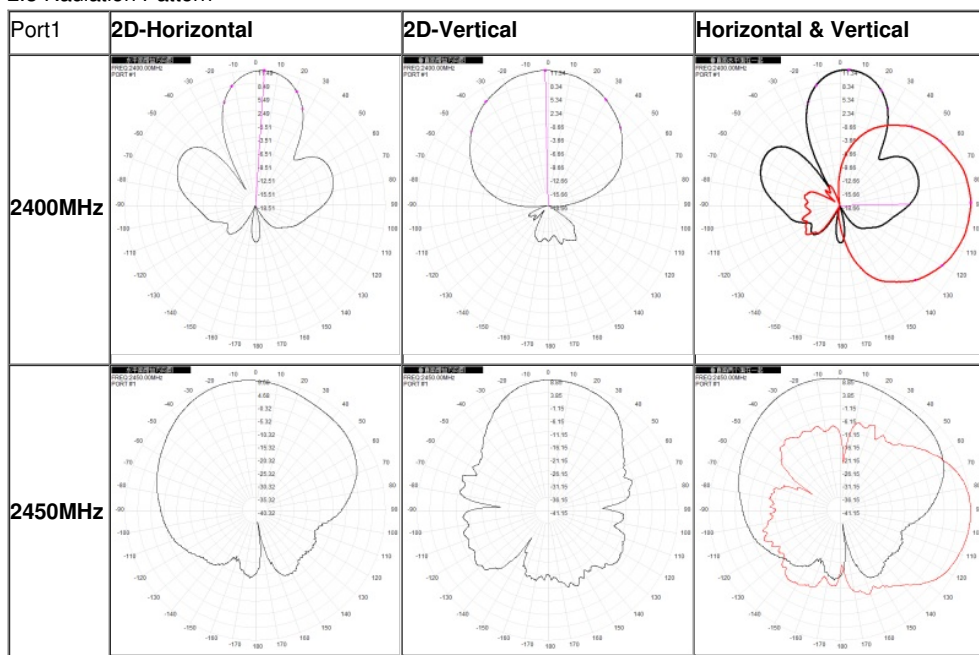
Port2

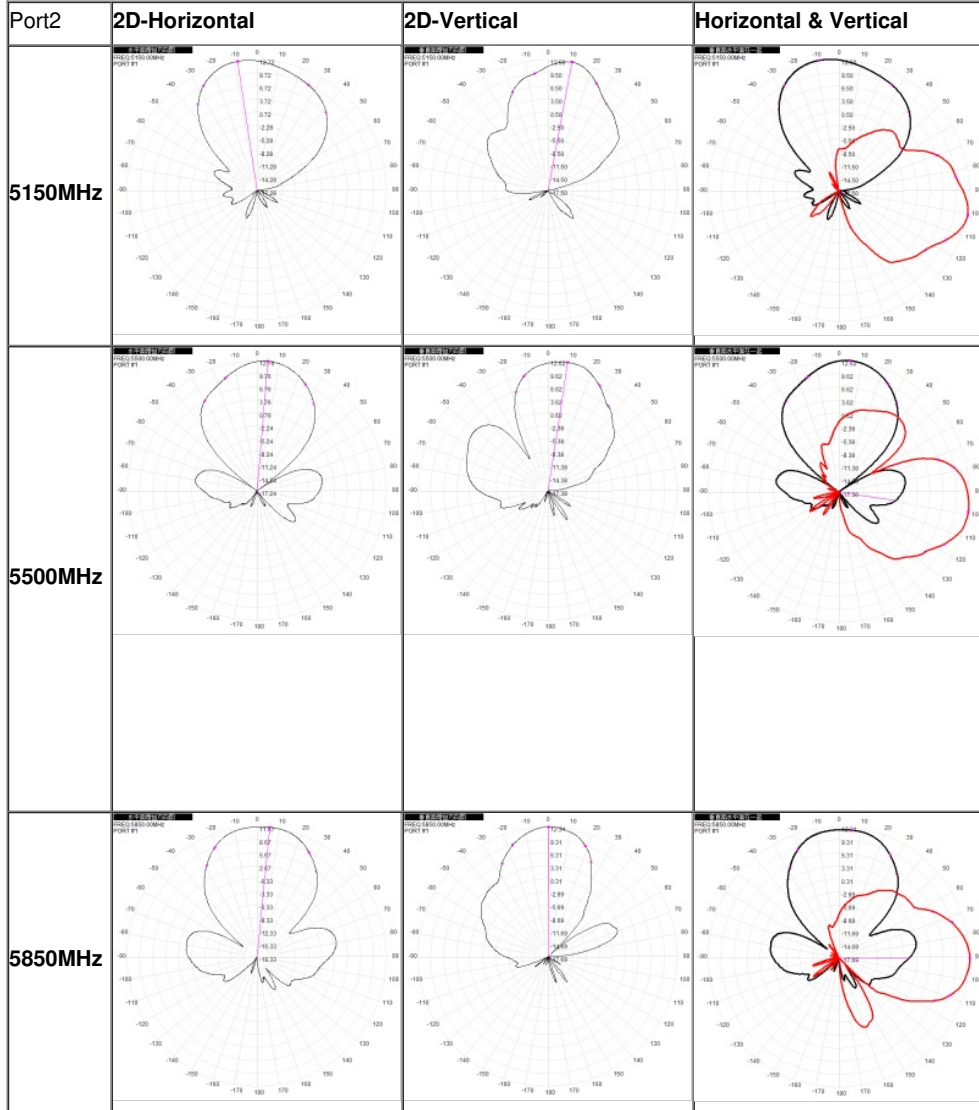
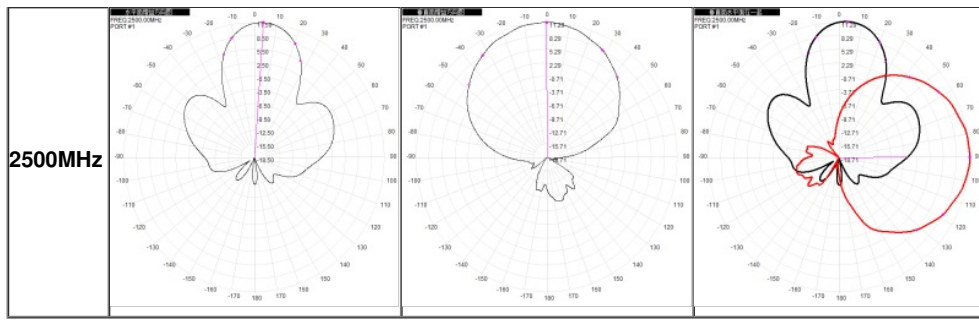


2.2 Total Efficiency & Gain:

Port 1		Port 2	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
2400	11.5	5100	12.4
2410	11.5	5150	12.7
2420	11.5	5200	12.6
2430	11.6	5250	12.6
2440	11.6	5300	12.6
2450	11.5	5350	12.4
2460	11.3	5400	12.5
2470	11.4	5450	12.2
2480	11.6	5500	12.8
2490	11.4	5550	12.8
2500	11.5	5600	12.9
		5650	13.2
		5700	12.7
		5750	12.7
		5800	13.2
		5850	12.3
		5900	12.6

2.3 Radiation Pattern





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