



Flat Panel Directional Wifi Antenna Outdoor Dual Band 2.4G5.8G 12dbi antenna 190x190x25mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-2458D12-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



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Product Description

1. Specification

A. Electrical Characteristics

Port	/
Frequency	2400-2500/5150-5850MHz
S.W.R.	≤ 2.0
Antenna Gain	12dBi
Polarization	Vertical
Horizontal Beamwidth	$50 \pm 10^\circ$
Vertical Beamwidth	$30 \pm 10^\circ$
F/B	$> 20\text{dB}$
Impedance	50Ohm
Max. Power	50W

B. Material & Mechanical Characteristics

Connector Type	2*N -K
Dimension	190*190*25mm
Radome material	ABS
Mount Pole	$\varnothing 30 - \varnothing 50$
Weight	0.7Kg

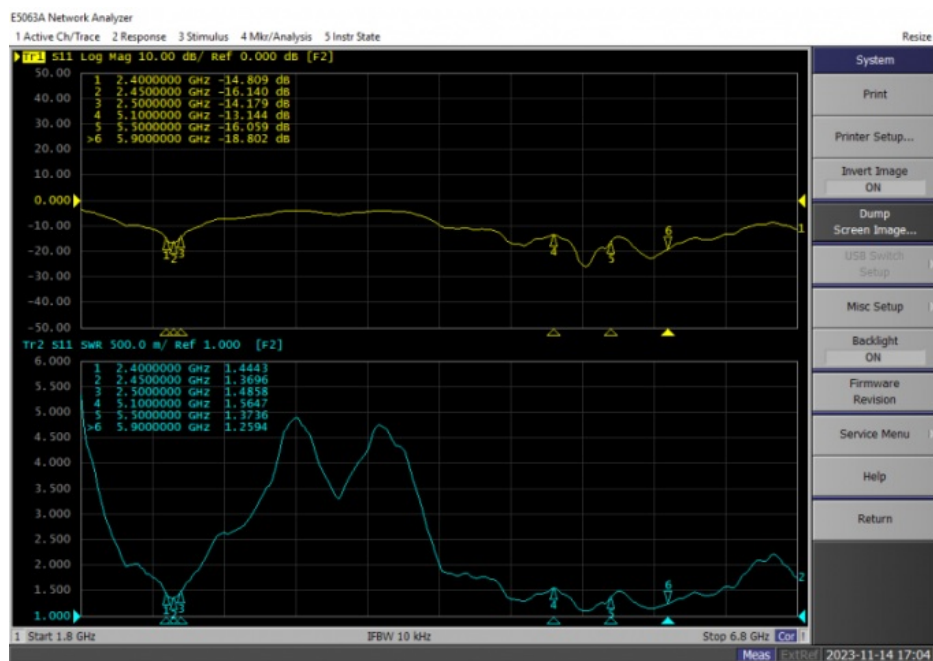
C. Environmental

Operation Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Storage Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

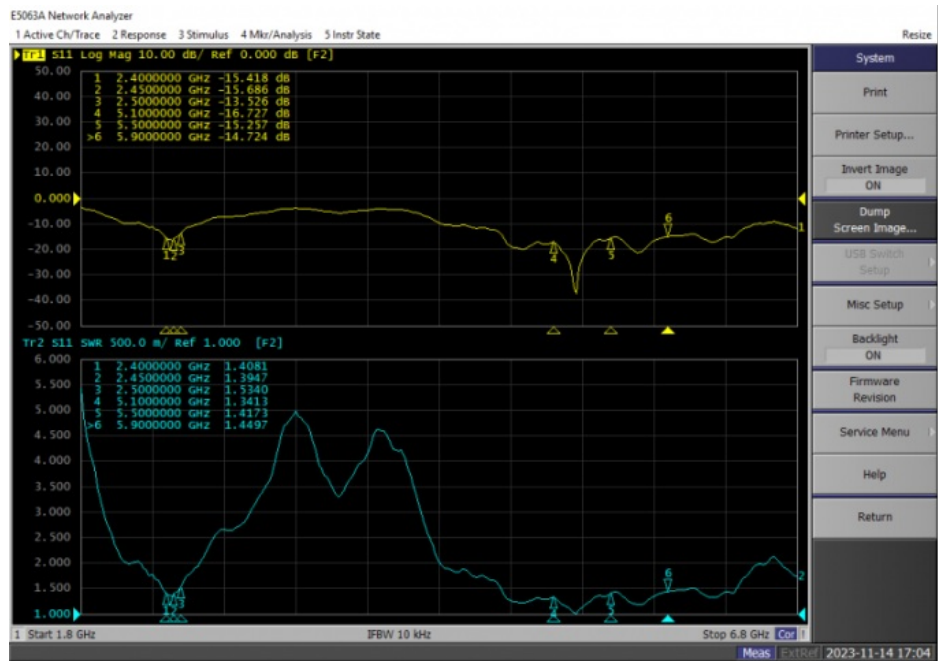
2. Antenna - S Parameter Test Data

2.1 VSWR

Port1



Port2

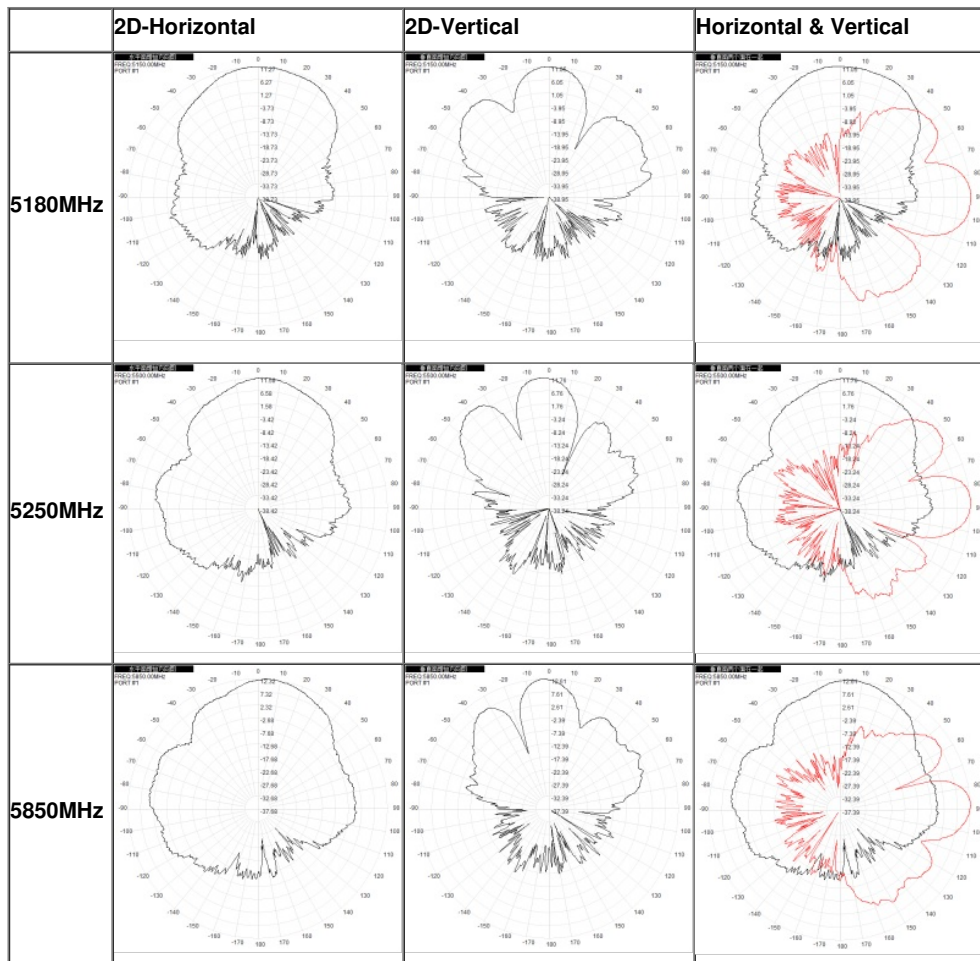
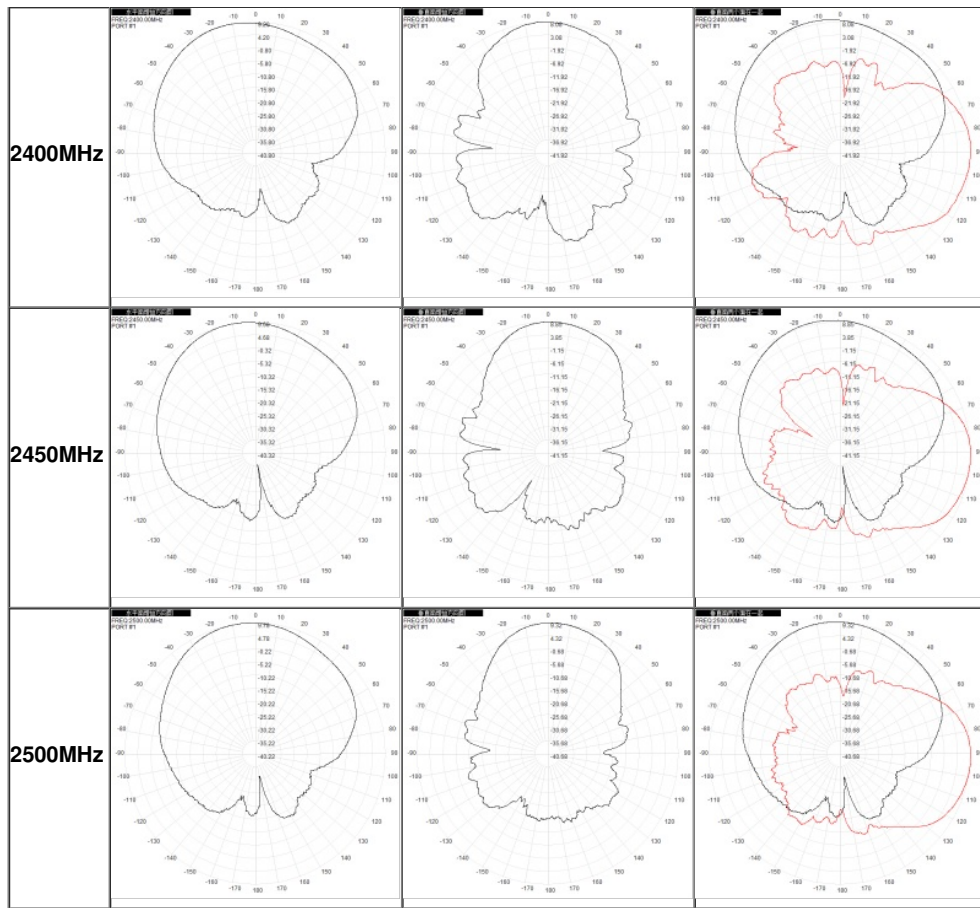


2.2 Total Efficiency & Gain:

Port 1		Port 2	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
2400	9.2	2400	9.0
2410	9.3	2410	9.0
2420	9.5	2420	9.2
2430	9.5	2430	9.4
2440	9.6	2440	9.5
2450	9.7	2450	9.6
2460	9.8	2460	9.7
2470	9.8	2470	9.9
2480	9.7	2480	9.8
2490	9.7	2490	9.9
2500	9.8	2500	9.9
5100	11.1	5100	11.2
5150	11.3	5150	11.3
5200	11.2	5200	11.3
5250	10.8	5250	11.0
5300	11.3	5300	11.2
5350	11.2	5350	11.3
5400	11.1	5400	11.3
5450	11.5	5450	11.5
5500	11.8	5500	11.7
5550	12.0	5550	11.9
5600	12.6	5600	12.4
5650	12.7	5650	12.5
5700	12.6	5700	12.5
5750	12.5	5750	12.3
5800	12.2	5800	12.0
5850	12.6	5850	12.5
5900	12.5	5900	12.4

2.3 Radiation Pattern

Port1	2D-Horizontal	2D-Vertical	Horizontal & Vertical





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