



2.4 Ghz Omnidirectional Outdoor Antenna Fiberglass Antenna WIFI Dual Band 2.4 & 5.8GHz 200x300mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10884-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 2400-2500MHz; 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 9dBi/10dBi
- Impedance: 50
- Highlight: 2.4 ghz omnidirectional outdoor antenna,
2.4 ghz omnidirectional antenna,
fiberglass outdoor wifi antenna



More Images



Product Description

Outdoor Waterproof Omnidirectional Antenna Fiberglass Antenna WIFI Dual Band 2.4 & 5.8GHz 200x300mm

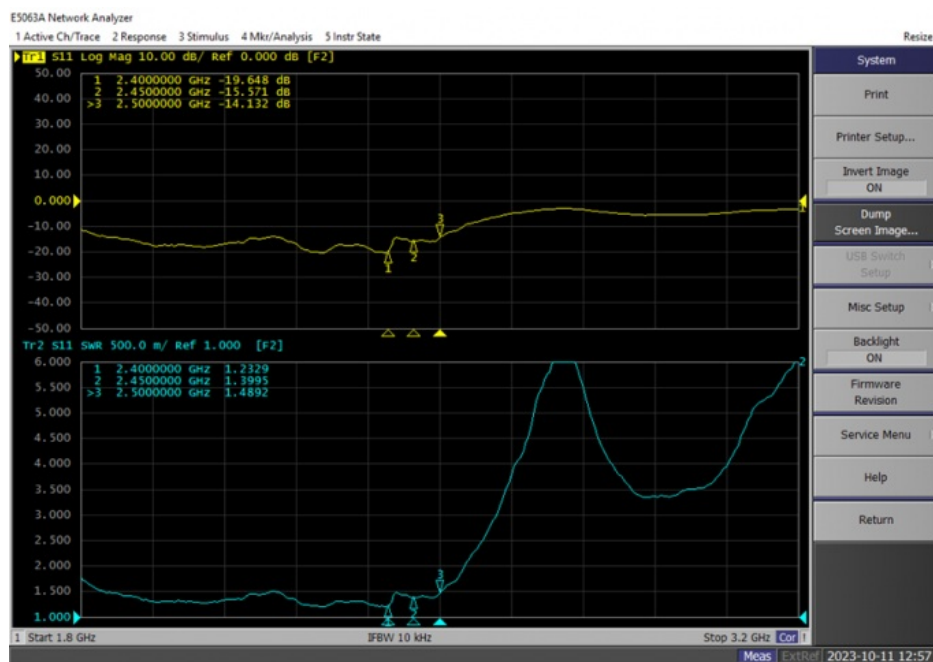
1. Specification

A. Electrical Characteristics				
Port	Port1	Port2	Port3	Port4
Frequency	2400-2500MHz	2400-2500MHz	5150-5850MHz	5150-5850MHz
S.W.R.	<2.0	<2.0	<2.0	<2.0
Antenna Gain	9dBi	9dBi	10dBi	10dBi
Polarization	Linear	Linear	Linear	Linear
Horizontal Beamwidth	360°	360°	360°	360°
Vertical Beamwidth	23-26°	23-25°	11-16°	10-14°
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Max Power	50W	50W	50W	50W
B. Material & Mechanical Characteristics				
Connector Type	N connector			
Dimension	Φ200*300mm			
Weight	1.8Kg			
Radome material	ABS			
C. Environmental				
Operation Temperature	- 40 °C ~ + 80 °C			
Storage Temperature	- 40 °C ~ + 80 °C			
Rated Wind Velocity	36.9m/s			
Lighting Protection	DC Ground			

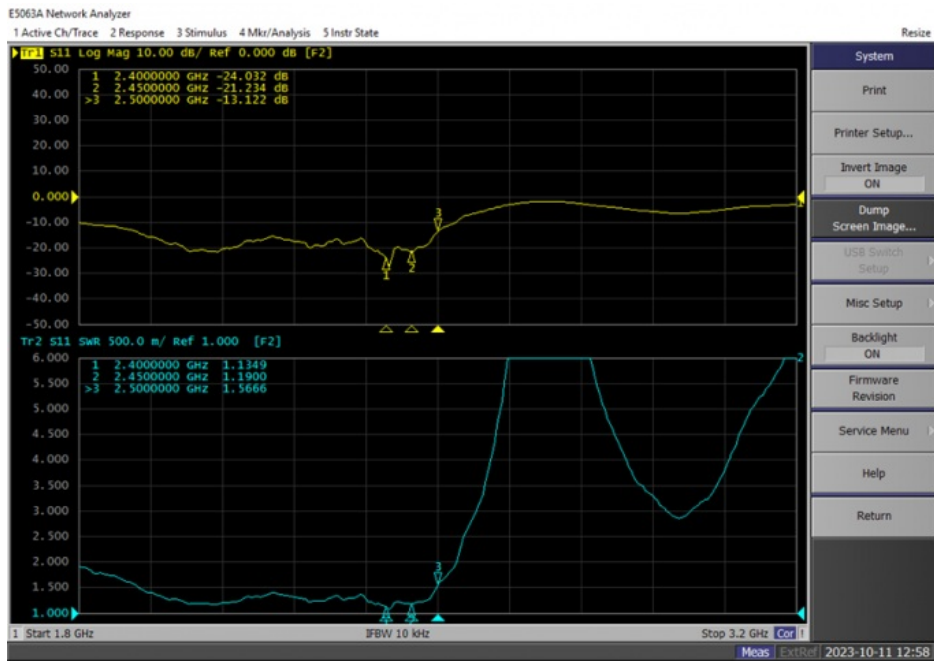
2. Antenna - S Parameter Test Data

2.1 VSWR

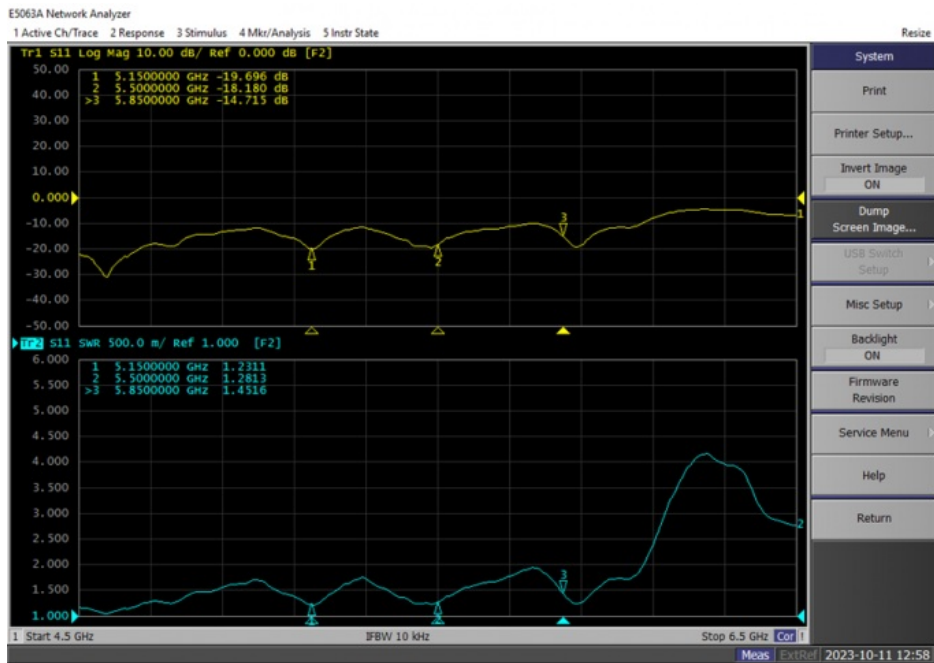
Port1



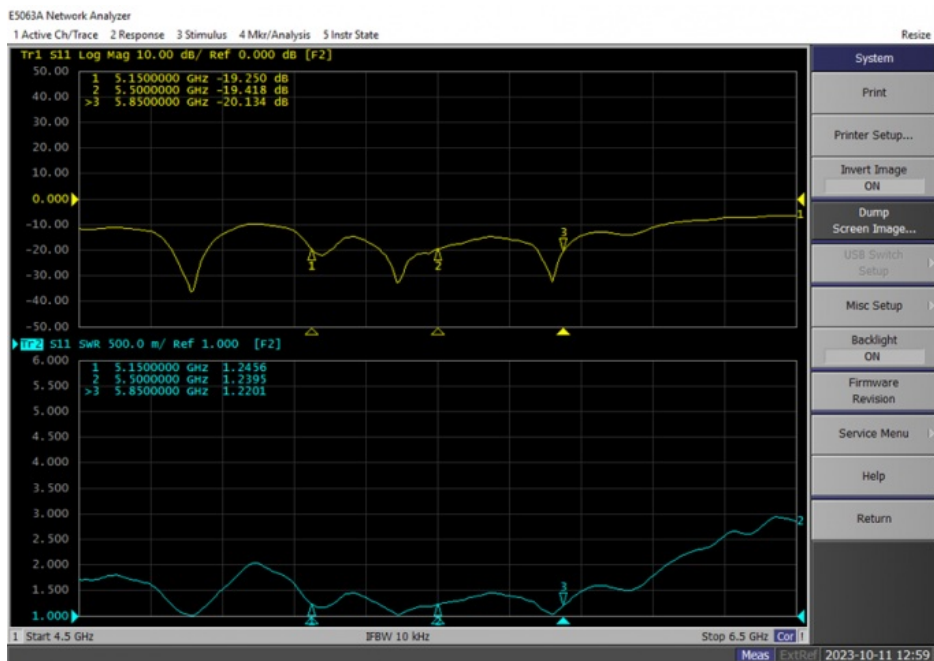
Port2



Port3



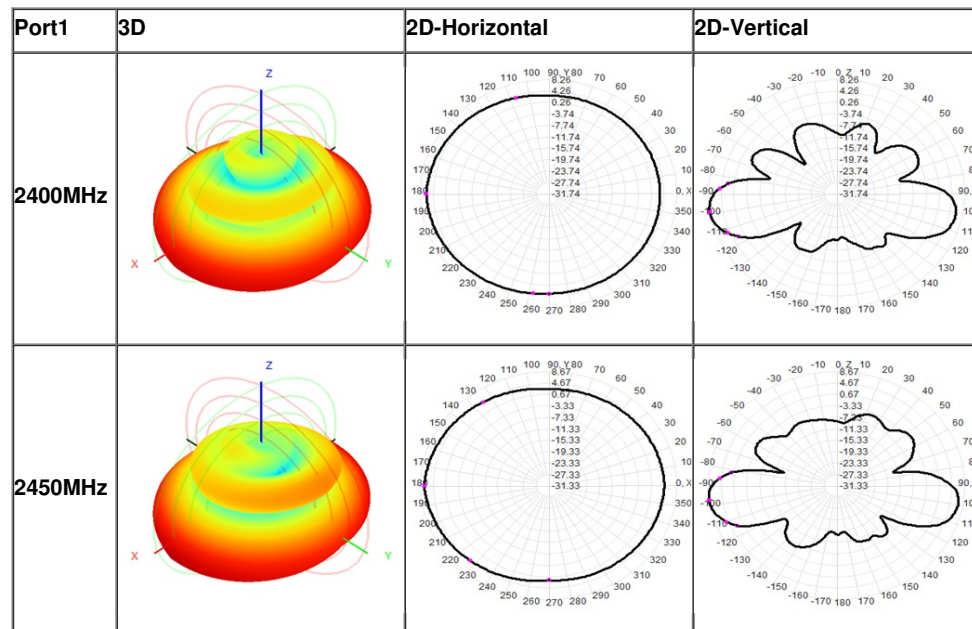
Port4

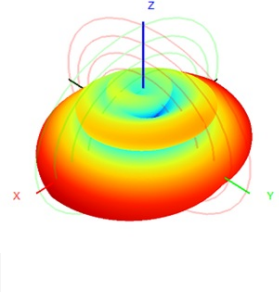
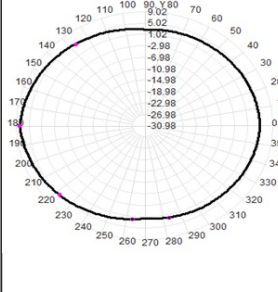
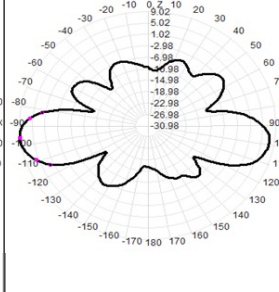
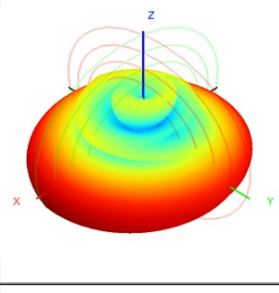
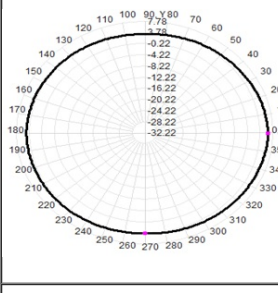
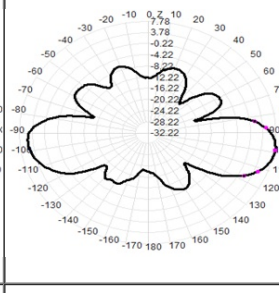
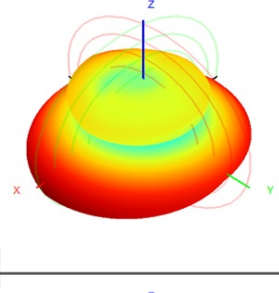
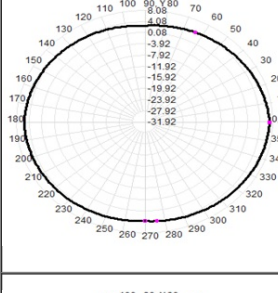
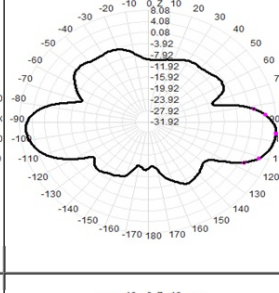
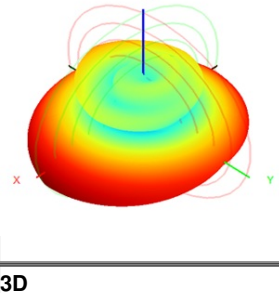
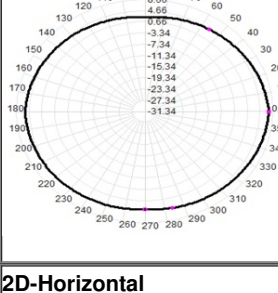
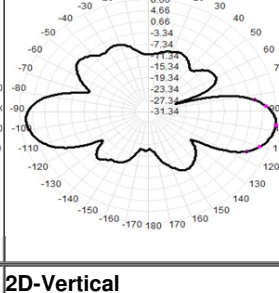
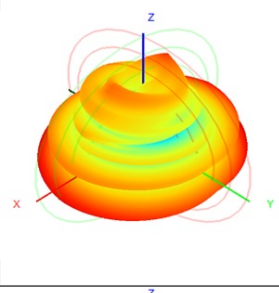
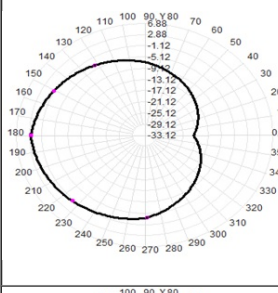
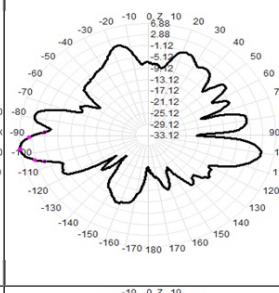
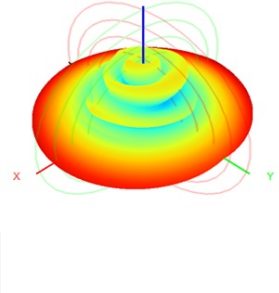
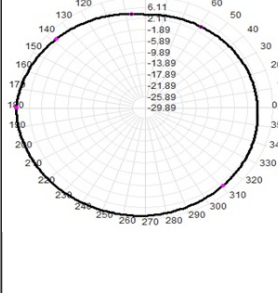
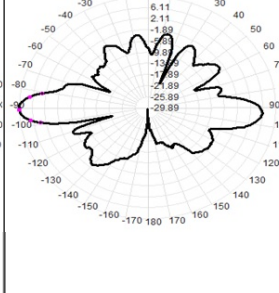


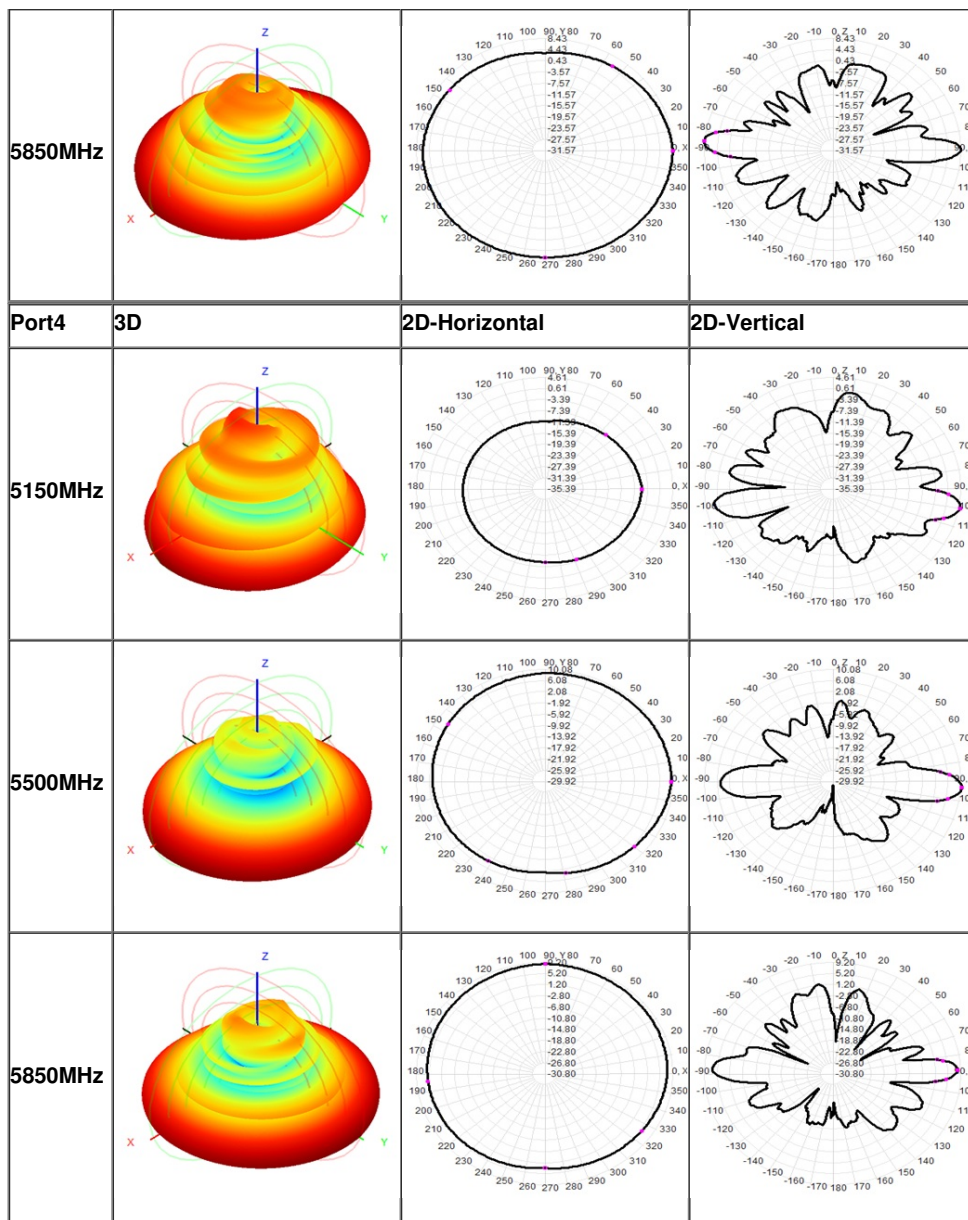
2.2 Total Efficiency & Gain:

Port 1			Port 2		
Frequency(MHz)	Gain(dBi)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	8.3	89.5	2400	7.8	84.8
2410	7.5	81.5	2410	7.1	78.3
2420	8.1	87.0	2420	7.7	83.3
2430	8.4	90.8	2430	8.1	89.1
2440	8.5	91.1	2440	8.1	87.9
2450	8.7	93.0	2450	8.1	88.6
2460	8.7	94.9	2460	8.2	91.1
2470	8.8	96.1	2470	8.6	94.7
2480	9.0	94.8	2480	8.7	93.8
2490	8.9	91.2	2490	8.7	90.0
2500	9.0	92.4	2500	8.7	89.7
Port 3			Port 4		
Frequency(MHz)	Gain(dBi)	Efficiency(%)	Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	6.9	47.9	5150	4.6	33.1
5200	7.6	51.8	5200	6.7	41.7
5250	8.5	55.3	5250	7.9	50.6
5300	9.3	63.3	5300	9.1	62.5
5350	9.9	73.0	5350	9.5	68.7
5400	10.0	73.3	5400	9.6	68.2
5450	10.3	78.5	5450	9.9	72.9
5500	10.1	83.1	5500	10.1	79.2
5550	9.3	85.7	5550	9.6	83.1
5600	8.4	83.4	5600	9.0	83.4
5650	7.5	79.3	5650	8.9	81.4
5700	7.2	74.2	5700	9.4	78.4
5750	8.5	78.7	5750	9.7	79.1
5800	8.7	74.4	5800	9.8	80.3
5850	8.4	71.5	5850	9.2	71.2

2.3 Radiation Pattern



2500MHz			
Port2	3D	2D-Horizontal	2D-Vertical
2400MHz			
2450MHz			
2500MHz			
Port3	3D	2D-Horizontal	2D-Vertical
5150MHz			
5500MHz			



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