



5.8 Ghz Omni Directional Antenna For Wireless Indoor Fiberglass Antenna WIFI Dual Band 6-8dBi 2.4&5.8GHz 23x275mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10566-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: 6dBi/8dBi
- Impedance: 50
- Highlight: 5.8 ghz omni directional antenna, omnidirectional antenna for wireless, omnidirectional antenna indoor



Product Description

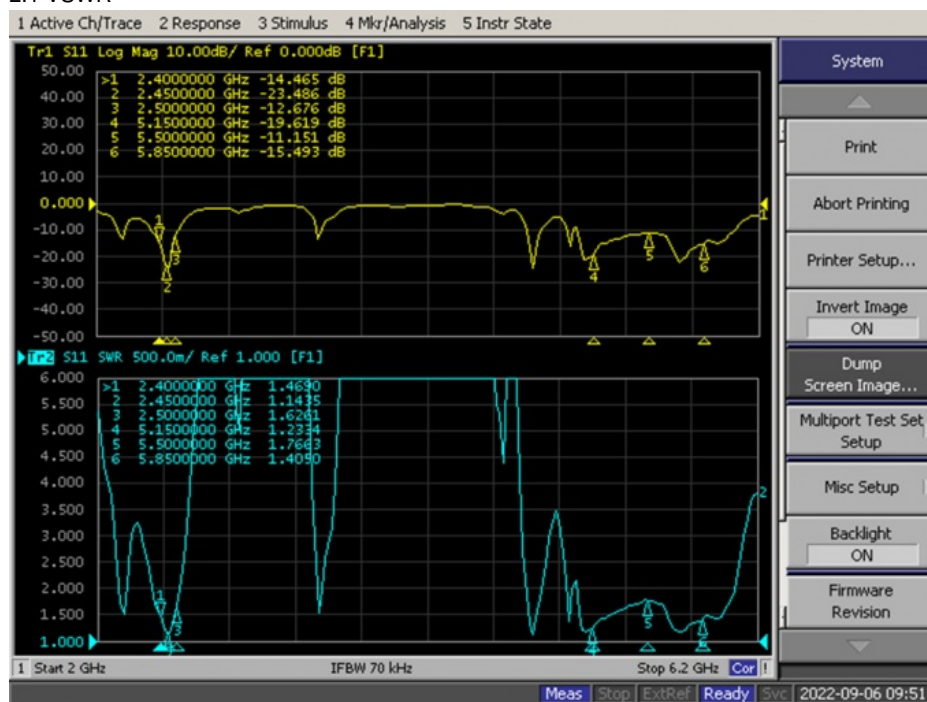
Outdoor Waterproof Omnidirectional Antenna Fiberglass Antenna WIFI Dual Band 6-8dBi 2.4 & 5.8GHz 23x275mm

1. Specification

A. Electrical Characteristics		
Frequency	2400-2500MHz	5150-5850MHz
Impedance	50 Ohm	50 Ohm
S.W.R.	<2.0	<2.0
Gain	6dBi	8dBi
Efficiency	≈75%	≈72%
Horizontal Beamwidth	360°	360°
Vertical Beamwidth	25-27°	16-40°
Polarization	Linear	Linear
Max Power	50W	50W
B. Material & Mechanical Characteristics		
Connector Type	N connector	
Dimension	Φ23*275mm	
Weight	0.097Kg	
Radome material	Fiberglass	
C. Environmental		
Operation Temperature	- 40 °C ~ + 80 °C	
Storage Temperature	- 40 °C ~ + 80 °C	

2. Antenna - S Parameter Test Data

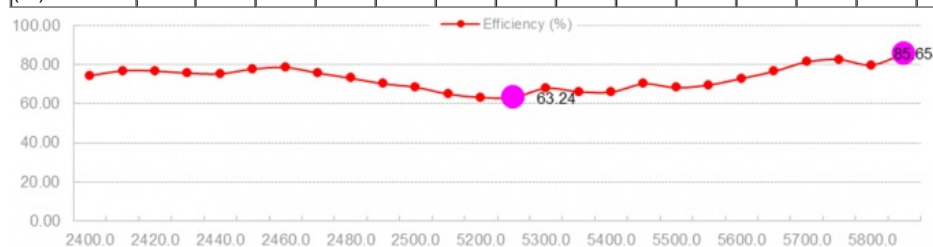
2.1 VSWR



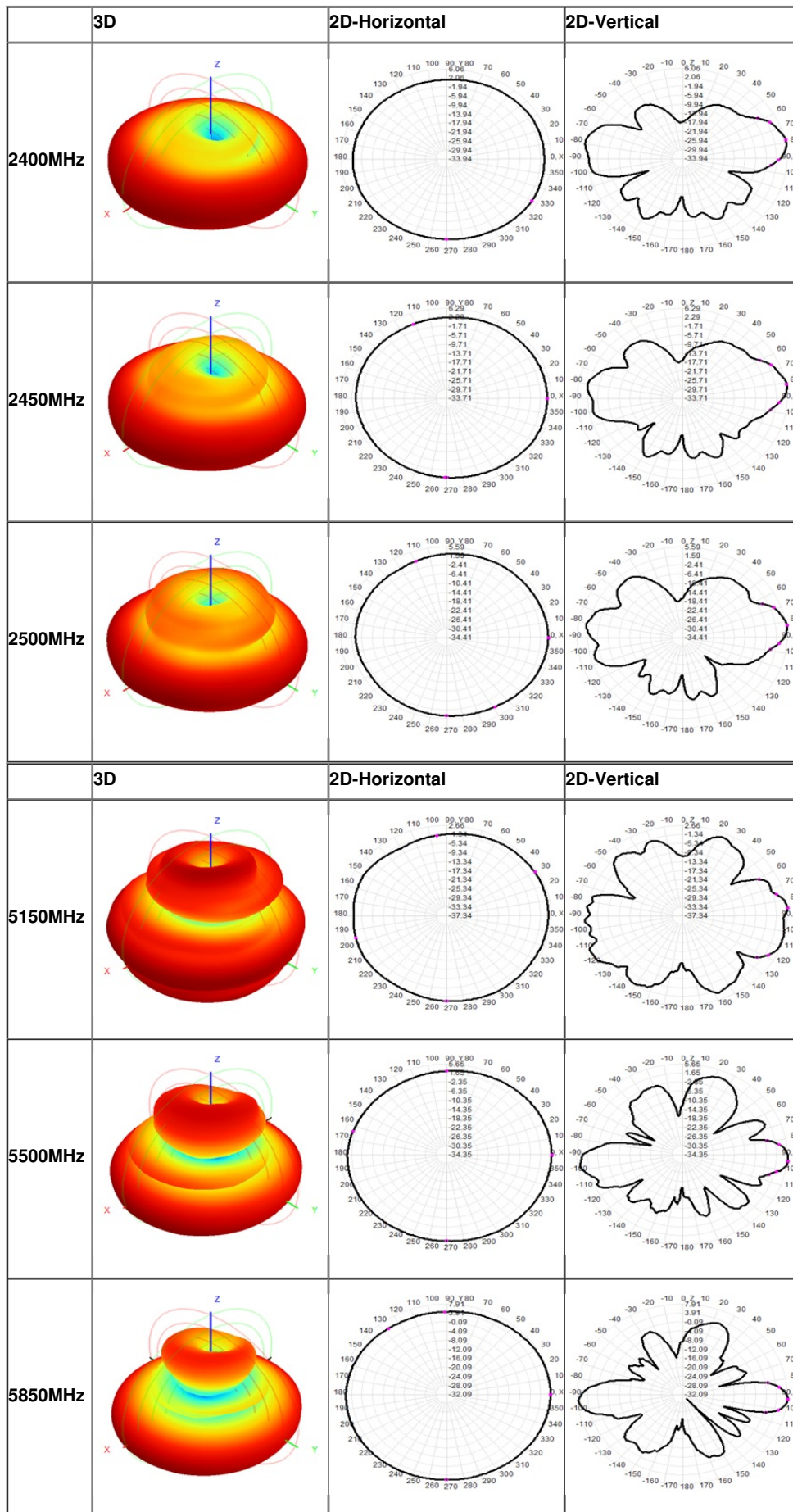
2.2 Total Efficiency & Gain:

Frequency(MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	5.92	6.06	6.06	6.03	6.14	6.29	6.30	6.14	6.02	5.83	5.60
Efficiency (%)	74.46	76.85	76.74	75.64	75.38	77.77	78.56	75.69	73.08	70.27	68.49

Frequency(MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700	5750	5800	5850
Gain (dBi)	3.25	3.33	3.65	4.12	4.57	5.01	5.65	5.65	5.69	6.61	7.63	7.94	8.01	7.72	7.91
Efficiency (%)	64.98	63.28	63.24	68.00	66.20	66.00	70.20	68.25	69.60	72.96	76.50	81.36	82.60	79.81	85.65



2.3 Radiation Pattern





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