



2.4G 5.8G 5dBi Wifi Omni Fiberglass Antenna 20x350mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10188-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 2400-2500/5150-5850MHz
- VSWR: <2.0
- Peak Gain: 5dBi
- Impedance: 50



More Images



Product Description

1. Specification

A. Electrical Characteristics

Frequency	2400-2500/5150-5850MHz
VSWR	< 2.0
Efficiency	≈78%
Peak Gain	5dBi
Impedance	50 Ohm
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	20±5°
T90(H) roundness	±3
Max Power	50W

B. Material & Mechanical

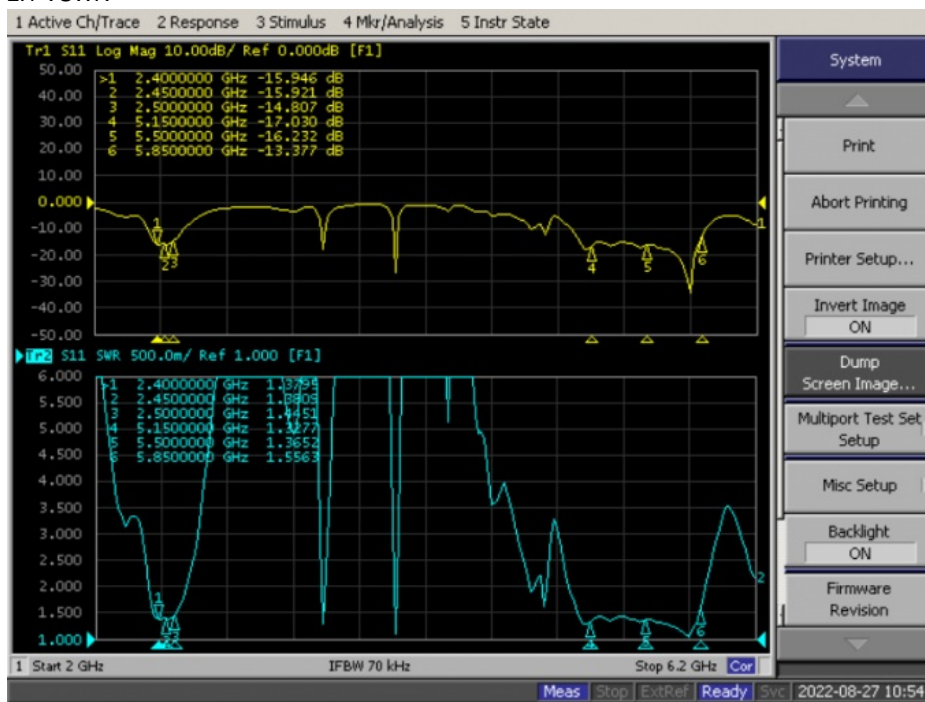
Connector Type	N-J
Dimension	Φ20*350±3mm
Weight	0.12Kg
Radome material	Fiberglass (Grey)

C. Environmental

Operation Temperature	- 45°C ~ +85 °C
Storage Temperature	- 45°C ~ +85 °C
Rated Wind Velocity	36.9m/s
Lighting Protection	Dc grounding

2. Antenna - S Parameter Test Data

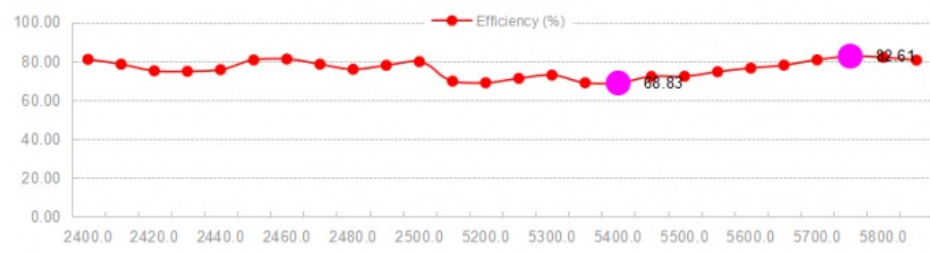
2.1 VSWR



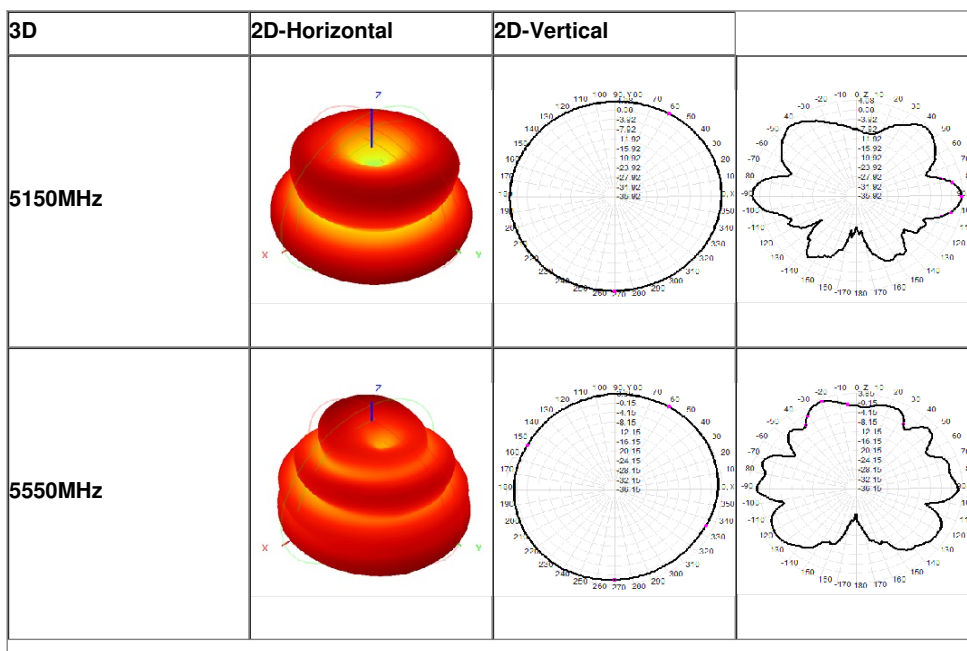
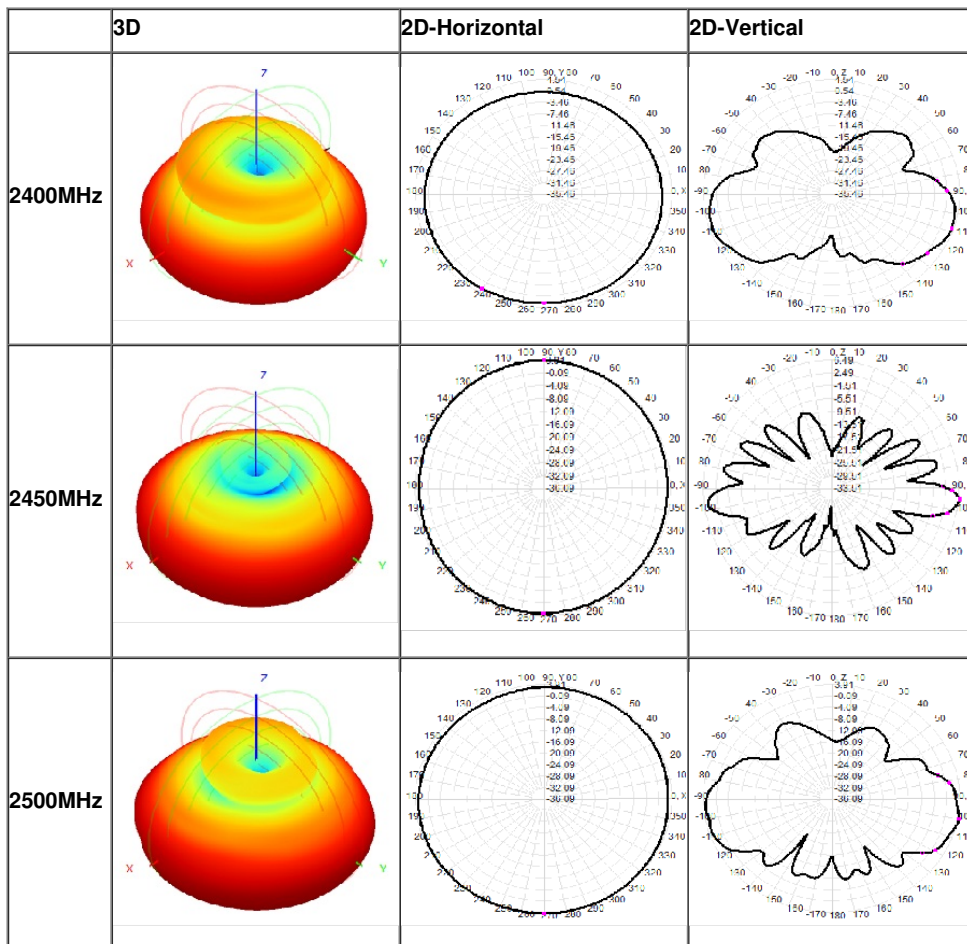
2.2 Total Efficiency & Gain:

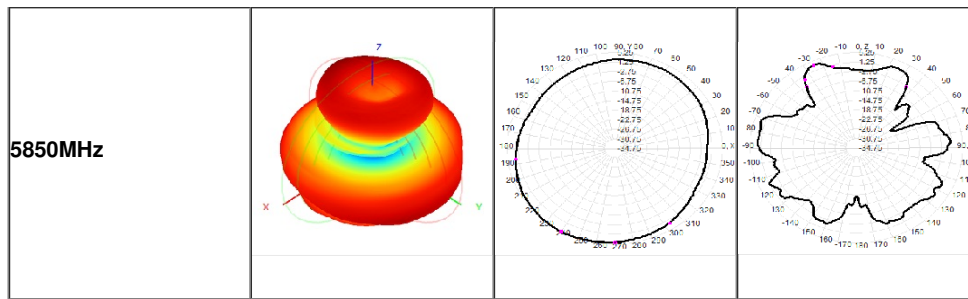
Frequency(MHz)	2400.	2410.	2420.	2430.	2440.	2450.	2460.	2470.	2480.	2490.	2500.
z)	0	0	0	0	0	0	0	0	0	0	0
Gain (dBi)	4.54	4.38	4.11	4.02	3.93	4.17	4.19	4.07	3.82	3.84	3.98
Efficiency (%)	80.99	78.47	75.08	74.82	75.66	80.63	81.14	78.48	75.85	77.90	79.82

Frequency(MHz)	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585
Hz)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gain (dBi)	4.44	4.33	4.17	4.18	4.20	4.39	4.75	4.51	4.10	3.82	3.68	4.06	4.24	4.67	5.30
Efficiency (%)	69.76	68.94	71.19	72.88	68.93	68.83	72.16	72.23	74.59	76.46	77.99	80.71	82.61	81.99	80.57



2.3 Radiation Pattern





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