



N male 2.4G / 5.8G WIFI router antenna, 5dbi omnidirectional fish-tail waterproof antenna

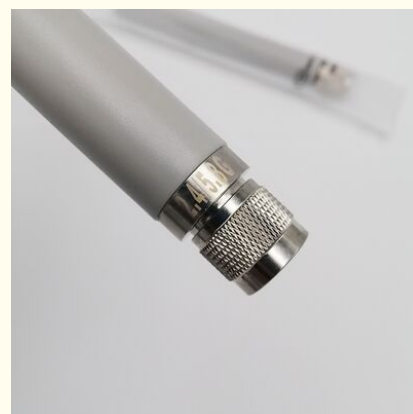
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10131-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



Product Specification

- Frequency: 2400-2500MHz; 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 4dBi/5dBi
- Impedance: 50



More Images



Product Description

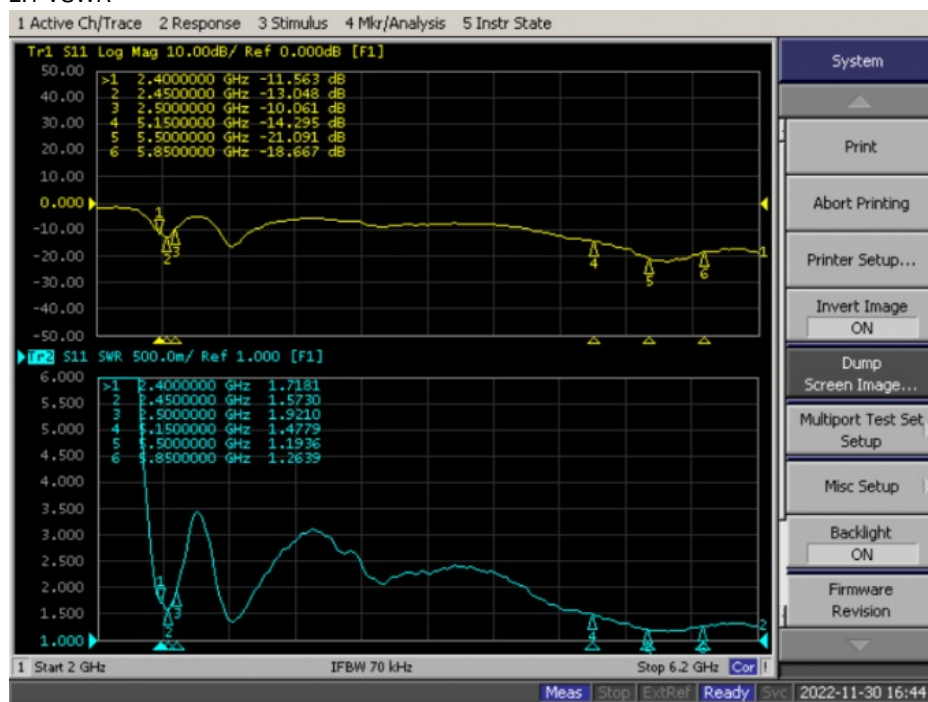
N male 2.4G / 5.8G WIFI router antenna, 5dbi omnidirectional fish-tail waterproof antenna

1. Specification

A. Electrical Characteristics		
Frequency	2400-2500MHz	5150-5850MHz
Impedance	50 Ohm	50 Ohm
S.W.R.	<2.0	<2.0
Gain	4dBi	5dBi
Efficiency	≈78%	≈72%
Horizontal Beamwidth	360°	360°
Vertical Beamwidth	35°±5°	20°±5°
Polarization	Linear	Linear
Max Power	50W	50W
B. Material & Mechanical Characteristics		
Connector Type	N-J connector	
Dimension	Φ22.5*195mm	
Weight	0.07Kg	
Radome material	ABS (Grey)	
C. Environmental		
Operation Temperature	- 40 °C ~ + 80 °C	
Storage Temperature	- 40 °C ~ + 80 °C	

2. Antenna - S Parameter Test Data

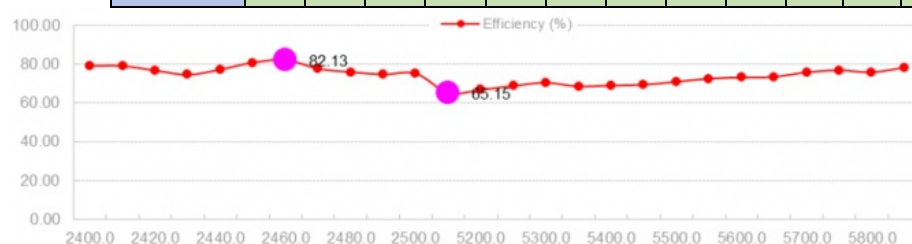
2.1 VSWR



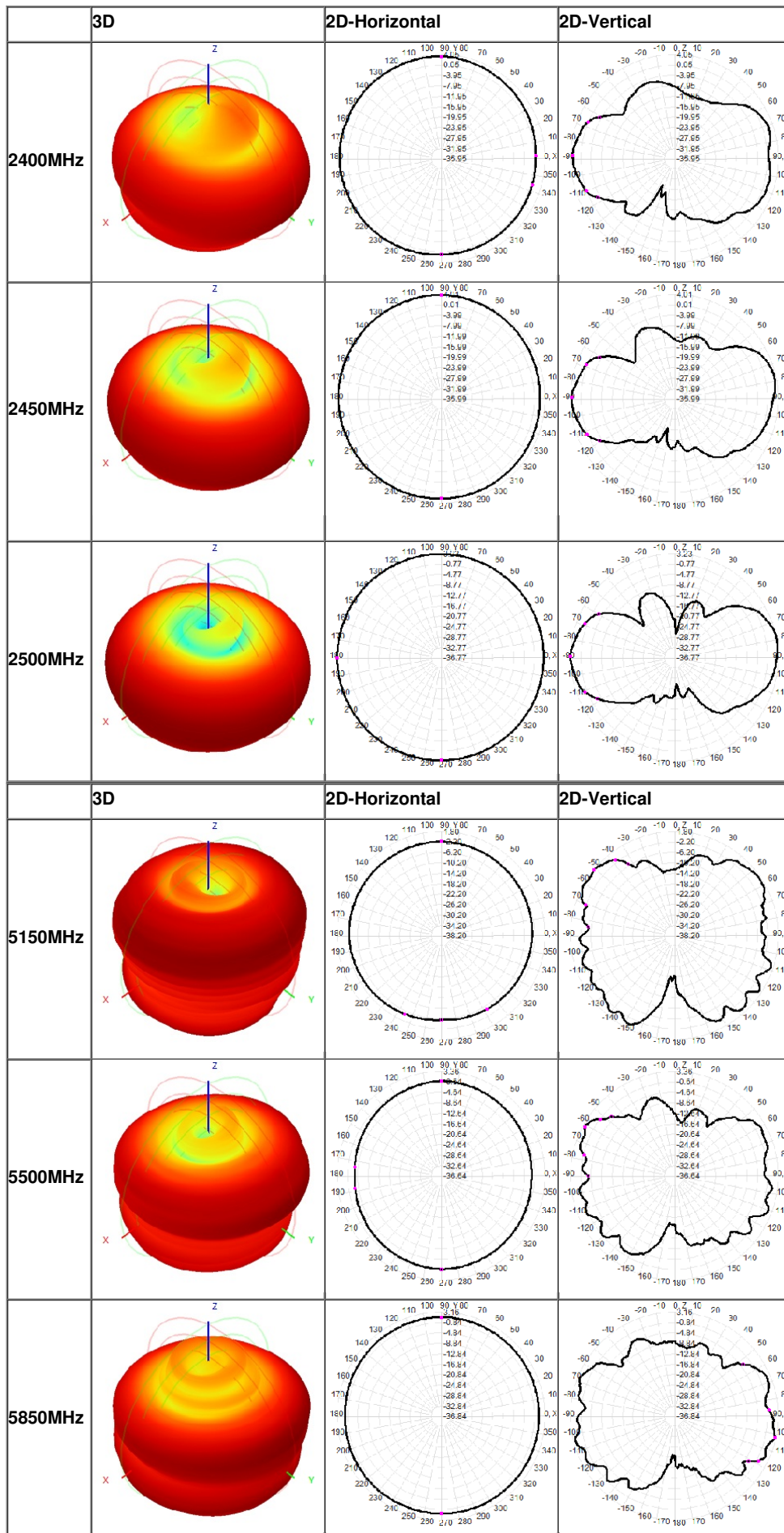
2.2 Total Efficiency & Gain:

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)	4.05	4.06	4.03	3.84	3.91	4.01	3.95	3.67	3.57	3.40	3.23
Efficiency (%)	79.08	78.97	76.68	74.52	77.22	80.79	82.13	77.63	75.85	74.69	75.10

Frequency (MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700	5750	5800	5850
Gain (dBi)	2.50	2.79	2.84	2.94	3.19	3.40	3.44	3.36	3.27	3.06	2.82	2.99	3.26	3.23	3.16
Efficiency (%)	65.15	66.79	68.81	70.40	68.50	69.02	69.37	70.91	72.50	73.18	73.40	75.73	76.81	75.78	78.17



2.3 Radiation Pattern





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