



Fiberglass Outdoor Omnidirectional Antenna 5G 600-6000MHz 3.5-6dB 20x300

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10450-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 617-960MHz; 1710-6000MHz
- VSWR: <3.0
- Peak Gain: 3.5dBi/6dBi
- Impedance: 50
- Highlight: 6000MHz Outdoor Omnidirectional Antenna,
5G Outdoor Omnidirectional Antenna,
Fiberglass Outdoor Omnidirectional Antenna



Product Description

1. Specification

A. Electrical Characteristics

Frequency	617-960MHz	1710-6000MHz
Impedance	50 Ohm	50 Ohm
S.W.R.	<3.0	<3.0
Gain	3.5dBi	6dBi
Efficiency	~58%	~71%
Horizontal Beamwidth	360°	360°
Vertical Beamwidth	56°@800MHz	35°@1980MHz
Polarization	Linear	Linear
Max Power	50W	50W

B. Material & Mechanical Characteristics

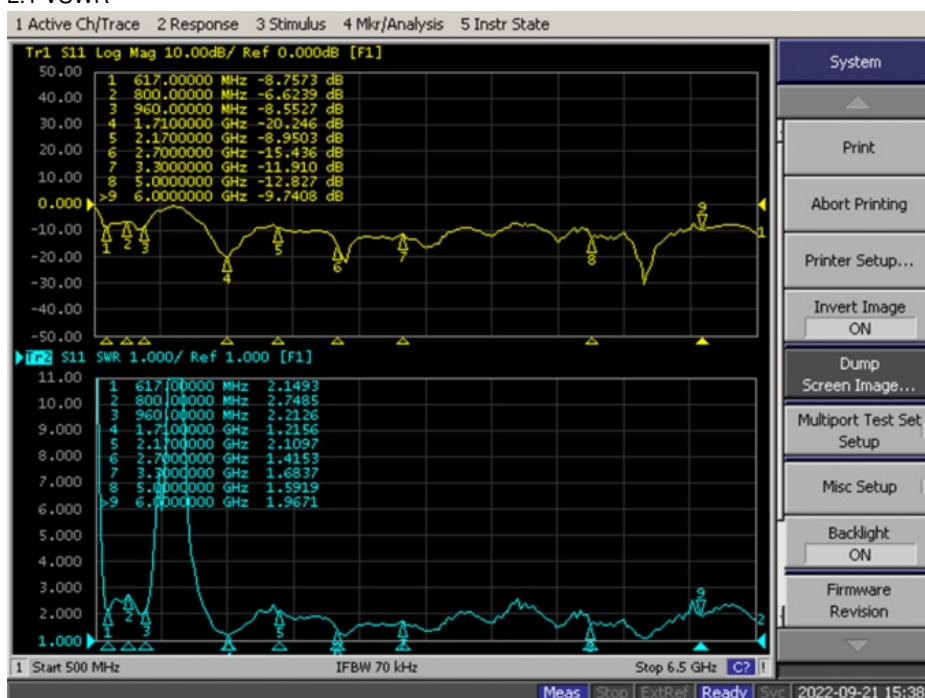
Connector Type	N connector
Dimension	Φ20*300mm
Weight	0.134Kg
Radome material	Fiberglass

C. Environmental

Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C

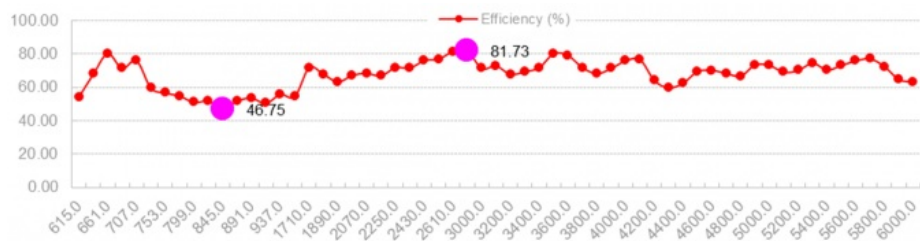
2. Antenna - S Parameter Test Data

2.1 VSWR

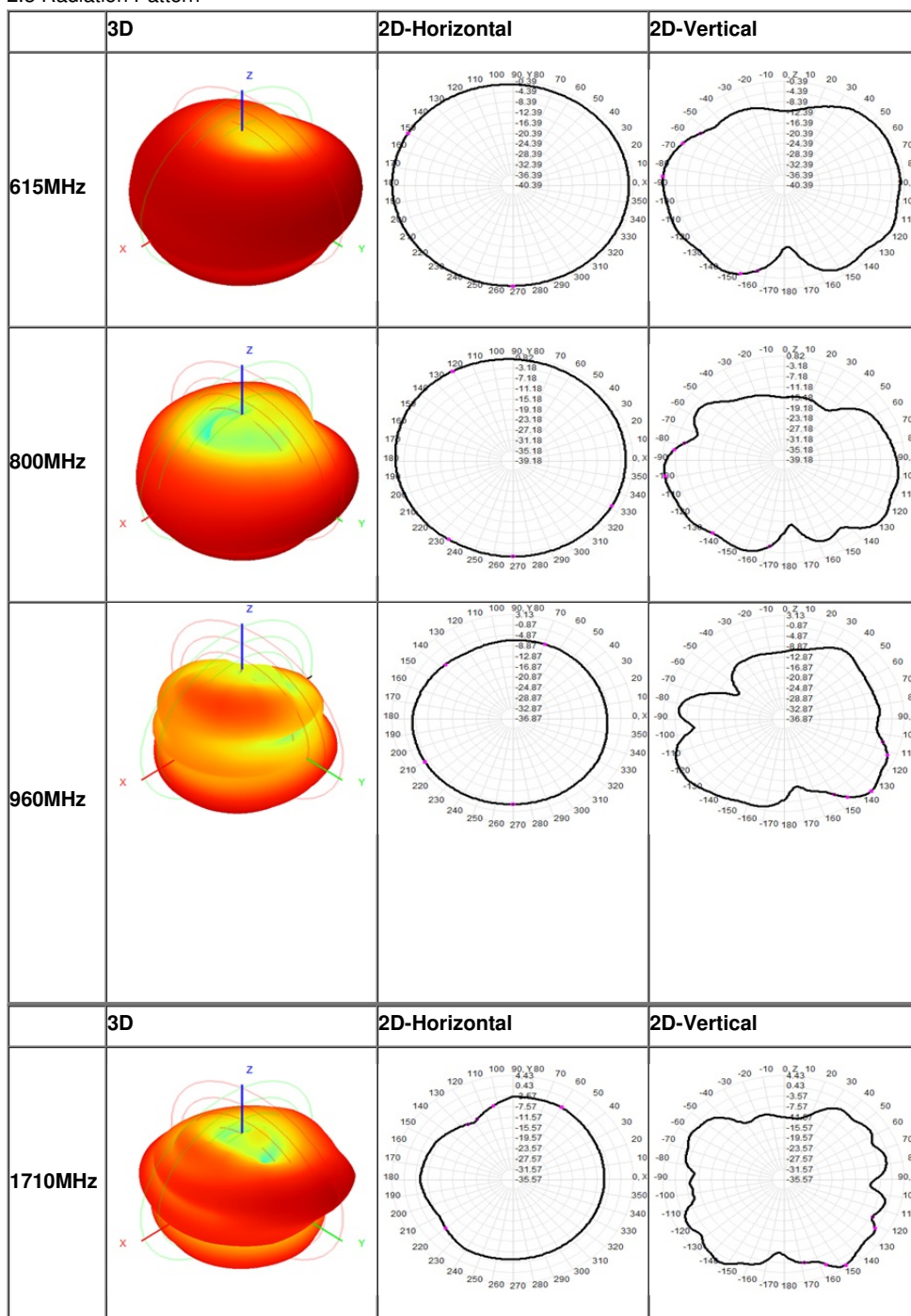


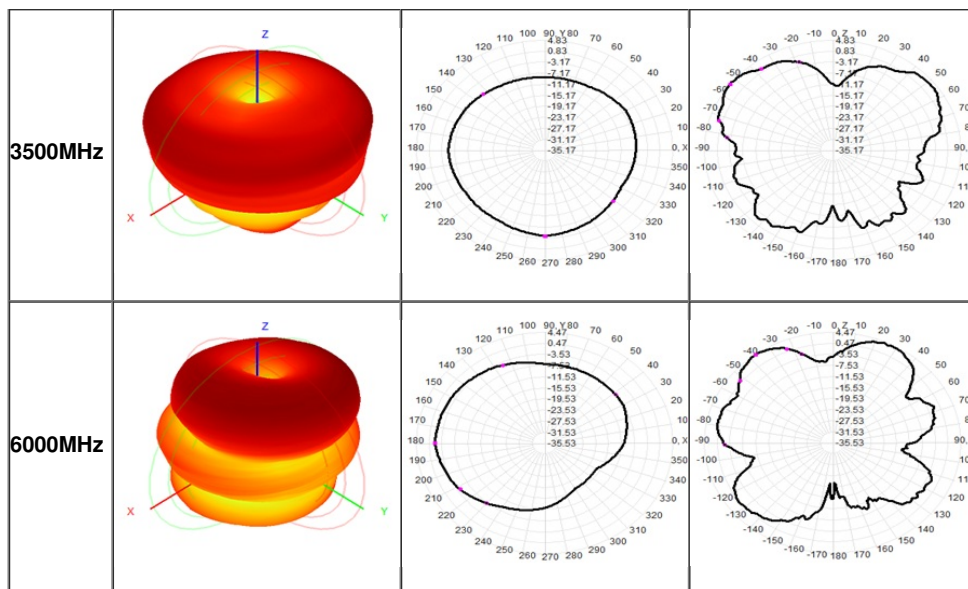
2.2 Total Efficiency & Gain:

Frequency(MHz)	615	638	661	684	707	730	753	776	799	822	845	868	891	914	937	960
Gain (dBi)	0.02	1.22	2.02	1.78	2.07	1.09	1.07	1.17	1.05	1.35	1.34	2.04	2.21	2.28	2.99	3.54
Efficiency (%)	54.38	68.07	80.29	71.40	76.10	59.73	56.78	54.89	51.16	51.85	46.75	52.03	53.60	50.56	55.97	54.62
Frequency(MHz)	1710	1800	1890	1980	2070	2160	2250	2340	2430	2520	2610	2700				
Gain (dBi)	4.43	3.69	3.01	2.62	2.98	2.96	3.46	3.27	3.53	3.79	3.86	4.00				
Efficiency (%)	71.85	67.94	63.35	67.31	68.53	67.02	71.95	71.63	76.17	76.95	81.57	81.73				
Frequency(MHz)	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500
Gain (dBi)	3.13	2.62	2.82	3.45	4.05	4.97	4.88	4.39	4.15	4.23	4.75	5.16	4.47	4.99	5.11	5.54
Efficiency (%)	71.44	72.92	67.88	69.56	71.94	80.32	79.11	71.89	68.36	71.43	76.04	76.65	64.20	59.83	62.70	69.64
Frequency(MHz)	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000	
Gain (dBi)	5.52	5.42	5.01	4.77	5.68	6.01	5.33	5.45	4.60	4.67	4.88	5.10	4.98	4.53	4.60	
Efficiency (%)	70.21	68.54	66.84	73.62	73.19	69.21	70.30	74.63	70.50	73.28	75.93	77.20	72.41	64.81	63.33	



2.3 Radiation Pattern





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