



5G Fiberglass Antenna 600-6000MHz 3dbi 3.5-6dB 20x300 White

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10454-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: <4.0
- Peak Gain: 3.6dBi/6dBi
- Impedance: 50
- Highlight: 5G Fiberglass Antenna,
Fiberglass Antenna 3.5-6dB,
3dbi fiberglass antenna



Product Description

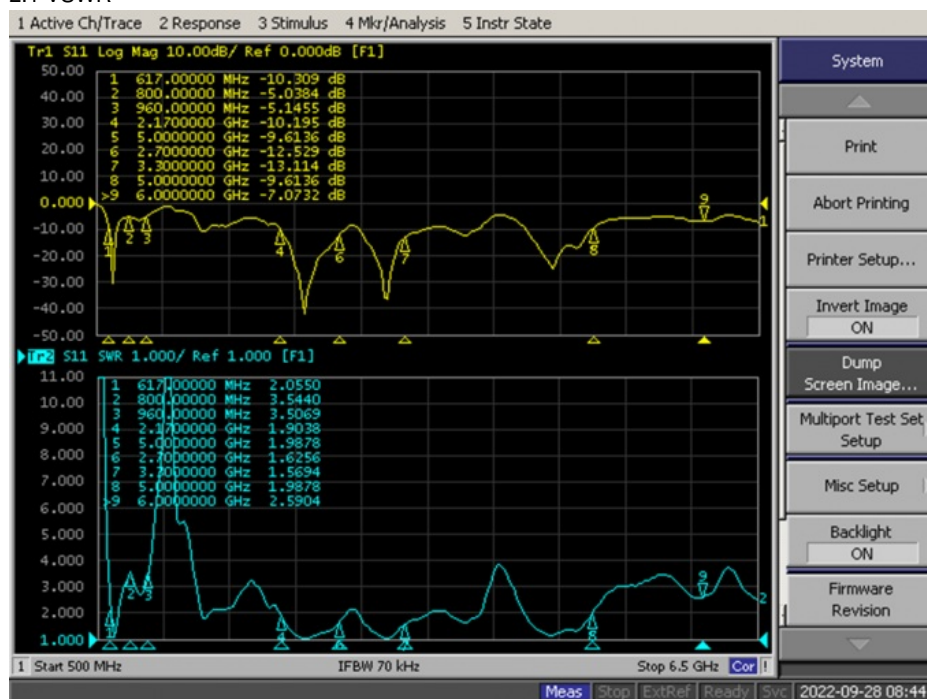
Outdoor Waterproof Omnidirectional Antenna Fiberglass Antenna Fiberglass Antenna 5G 600-6000MHz 3.5-dB 20x300 White

1. Specification

A. Electrical Characteristics		
Frequency	617-960MHz	1710-6000MHz
Impedance	50 Ohm	50 Ohm
S.W.R.	<4.0	<4.0
Gain	3.6dBi	6dBi
Efficiency	≈64%	≈68%
Horizontal Beamwidth	360°	360°
Vertical Beamwidth	28°@868MHz	28°@1980MHz
Polarization	Linear	Linear
Max Power	50W	50W
B. Material & Mechanical Characteristics		
Connector Type	N connector	
Dimension	Φ20*300mm	
Weight	0.14Kg	
Radome material	Fiberglass	
C. Environmental		
Operation Temperature	- 40 °C ~ + 80 °C	
Storage Temperature	- 40 °C ~ + 80 °C	

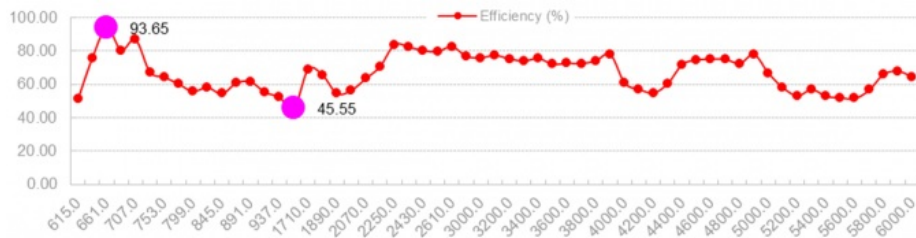
2. Antenna - S Parameter Test Data

2.1 VSWR

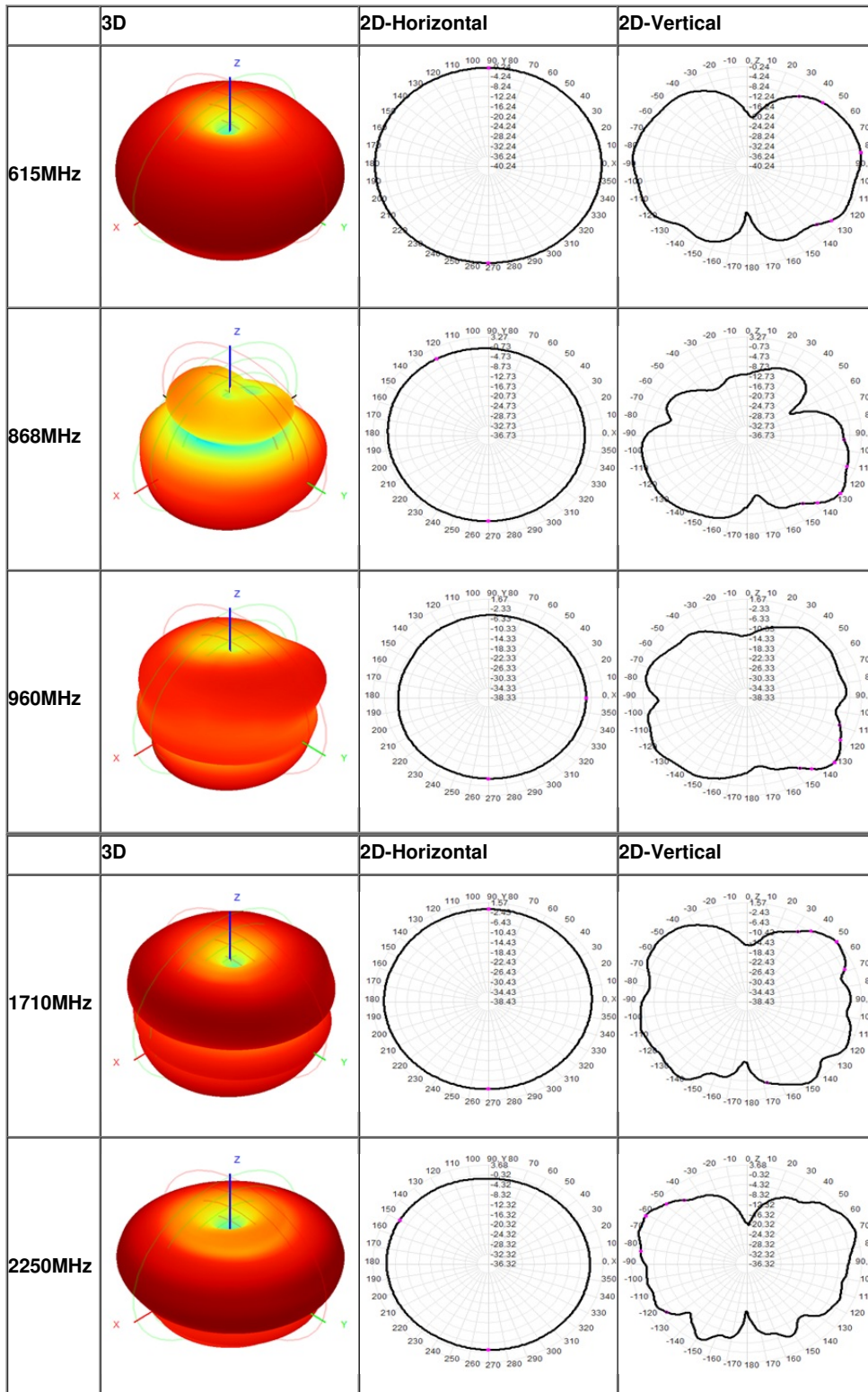


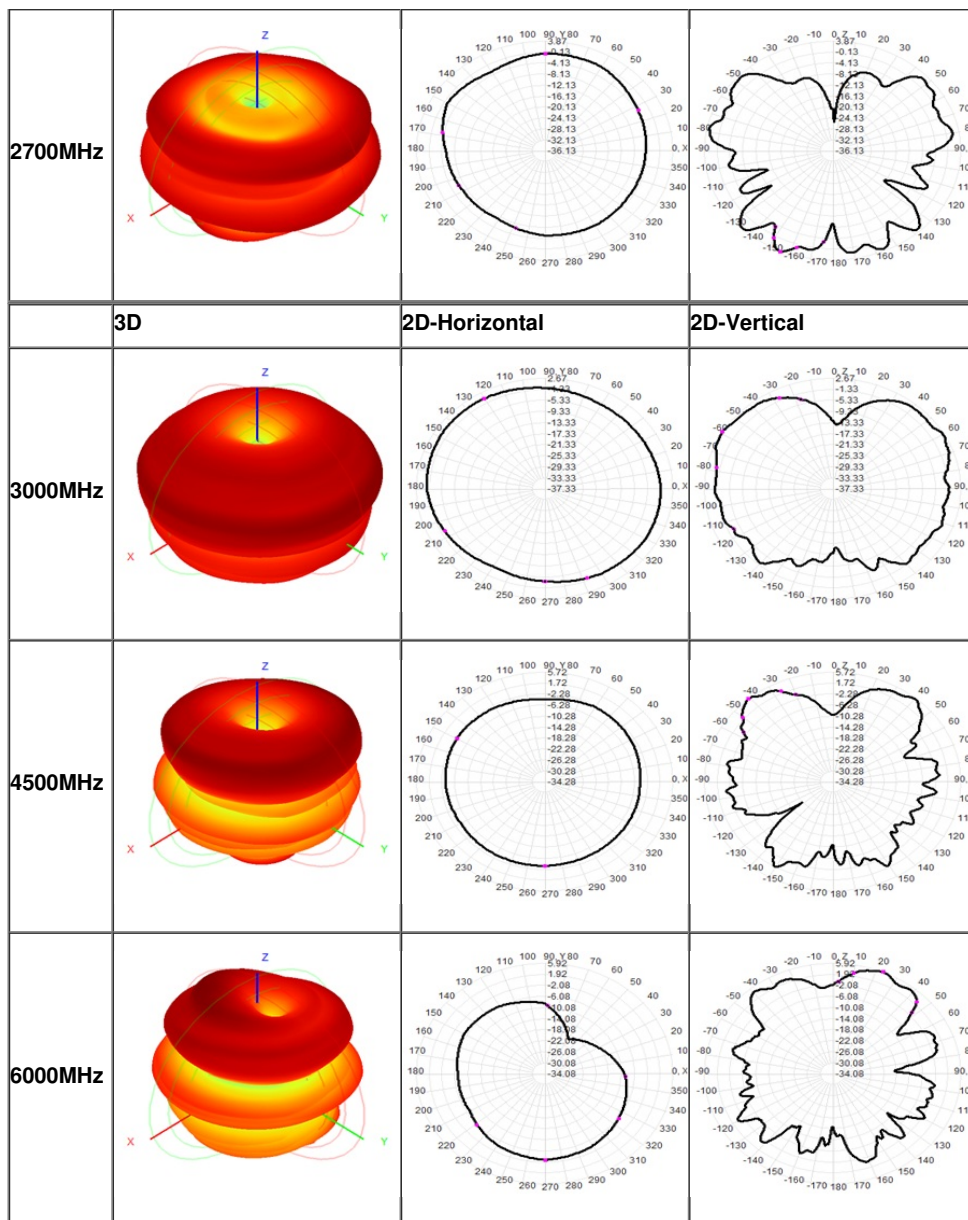
2.2 Total Efficiency & Gain:

Frequency (MHz)	615	638	661	684	707	730	753	776	799	822	845	868	891	914	937	960
Gain (dBi)	-0.24	1.66	2.44	1.79	1.80	0.63	0.62	1.04	1.47	2.15	2.45	3.48	3.65	3.15	2.70	1.84
Efficiency (%)	51.16	75.70	93.65	80.42	86.71	67.41	64.36	60.25	55.85	58.30	54.46	60.78	61.59	55.34	52.42	45.55
Frequency (MHz)	1710	1800	1890	1980	2070	2160	2250	2340	2430	2520	2610	2700				
Gain (dBi)	1.74	1.61	0.60	1.48	1.36	2.55	3.71	4.19	4.08	4.23	4.03	4.27				
Efficiency (%)	68.94	65.56	54.64	56.46	63.49	70.66	83.62	82.27	80.10	79.54	82.49	76.74				
Frequency (MHz)	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500
Gain (dBi)	2.98	4.23	4.87	4.20	5.18	5.29	5.68	6.00	5.91	5.61	4.02	4.82	4.06	5.09	5.88	5.81
Efficiency (%)	75.90	77.26	75.28	73.90	75.51	72.07	72.66	72.48	74.07	77.89	60.91	57.14	54.94	60.54	71.85	74.56
Frequency (MHz)	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000	
Gain (dBi)	5.69	5.35	5.04	5.46	4.69	4.25	3.88	4.17	3.33	3.64	4.54	5.27	6.10	6.10	6.12	
Efficiency (%)	75.00	75.02	72.46	77.80	66.59	58.18	53.17	57.01	53.00	52.07	51.65	56.68	66.11	67.85	64.59	



2.3 Radiation Pattern





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