



4g Lte Omnidirectional Antenna Fiberglass Antenna 60x1000mm

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10496-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 617-960MHz; 1427-1517MHz; 1710-2700MHz
- VSWR: <3.2
- Peak Gain: 2.5dBi/5dBi/8dBi
- Impedance: 50
- Highlight: lte omnidirectional antenna, 4g omni lte antenna, 4g lte omnidirectional antenna



More Images



Product Description

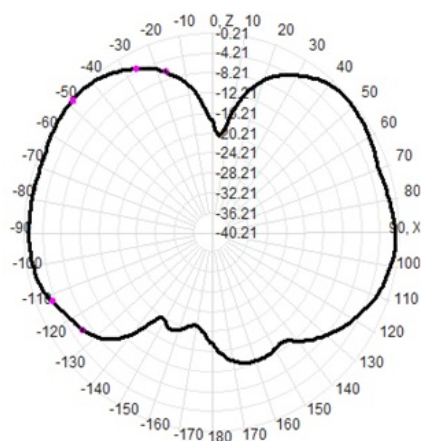
Outdoor Waterproof Omnidirectional Antenna Fiberglass Antenna 4G LTE 60x1000

1. Specification

A. Electrical Characteristics			
Frequency	617-960MHz	1427-1517MHz	1710-2700MHz
S.W.R.	<3.2	<3.2	<3.2
Antenna Gain	2.5dBi	5dBi	8dBi
Efficiency	≈70%	≈54%	≈69%
Polarization	Linear	Linear	Linear
Horizontal Beamwidth	360°	360°	360°
Vertical Beamwidth	70°±30°	24°±2°	20°±10°
Impedance	50 Ohm	50 Ohm	50 Ohm
Max Power	50W	50W	50W
B. Material & Mechanical Characteristics			
Connector Type	N connector		
Dimension	Φ60*1000mm		
Weight	1.1Kg		
Radome material	Fiberglass		
C. Environmental			
Operation Temperature	- 40 °C ~ + 80 °C		
Storage Temperature	- 40 °C ~ + 80 °C		
Rated Wind Velocity	36.9m/s		
Lighting Protection	DC Ground		

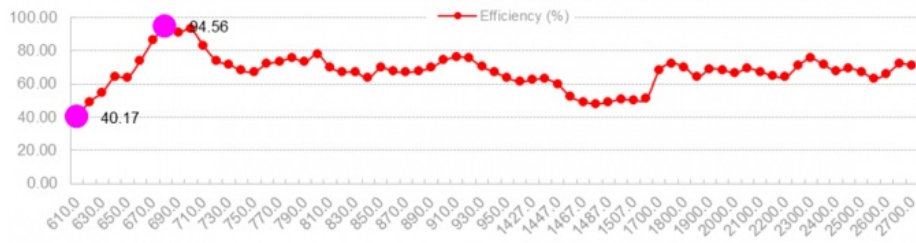
2. Antenna - S Parameter Test Data

2.1 VSWR

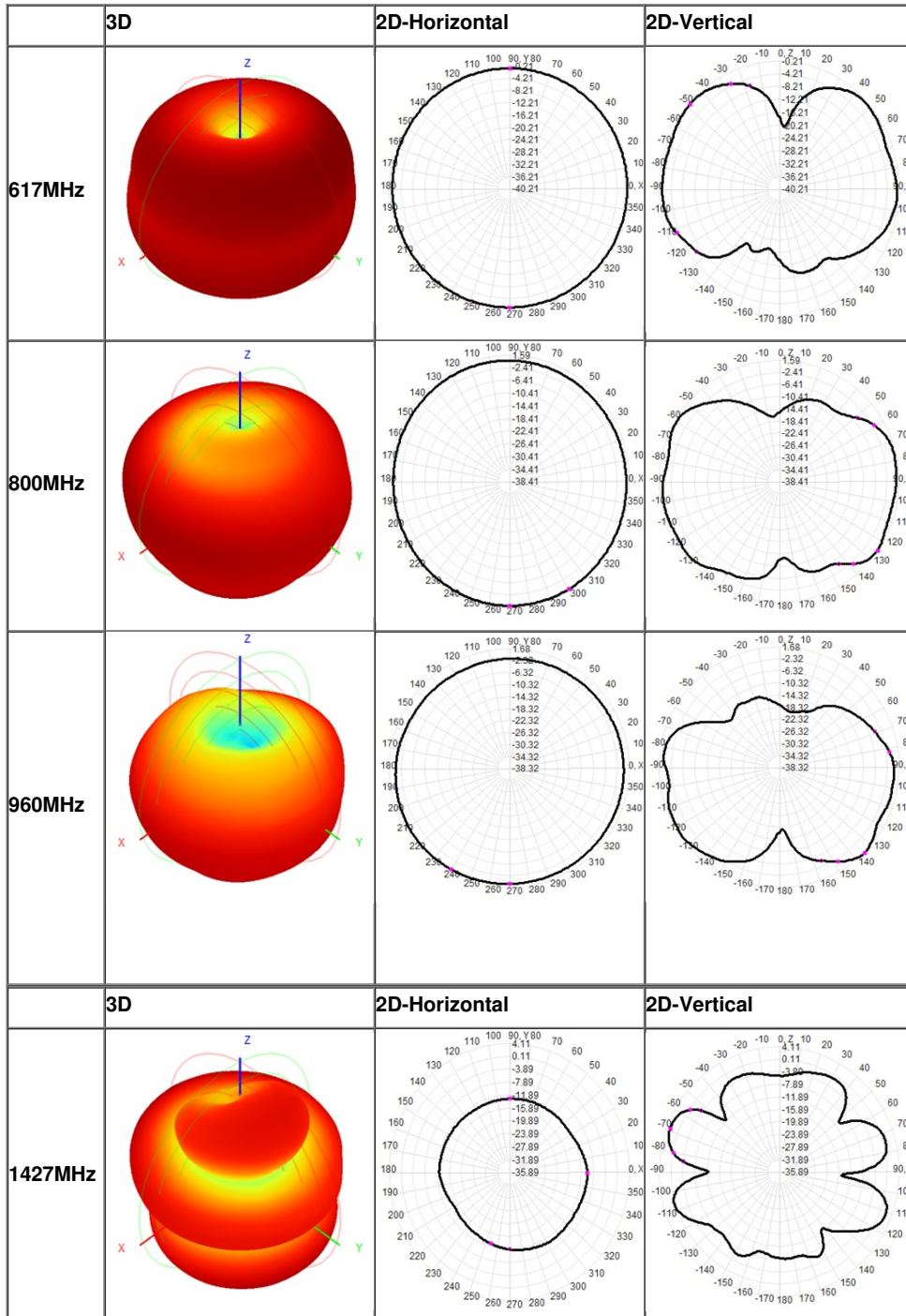


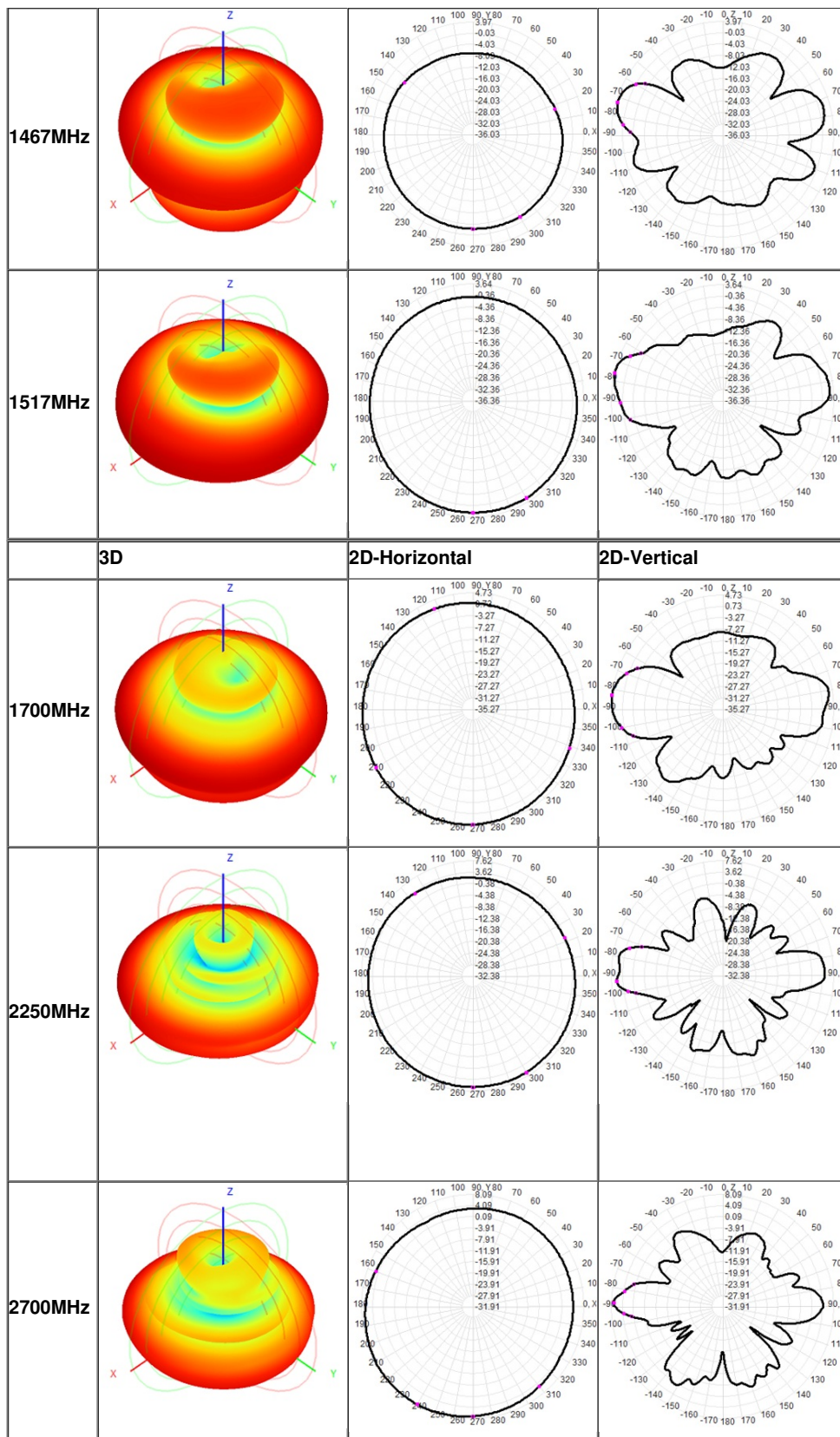
2.2 Total Efficiency & Gain:

Frequency(MHz)	610.0	620.0	630.0	640.0	650.0	660.0	670.0	680.0	690.0	700.0	710.0	720.0	730.0	740.0	750.0	760.0
Gain (dBi)	-1.57	-0.13	1.11	2.79	3.15	2.03	2.02	2.30	2.28	2.74	2.50	0.65	0.31	0.72	1.28	1.94
Efficiency (%)	40.17	49.31	54.88	64.39	63.92	73.95	86.10	94.56	91.13	93.13	83.09	74.11	71.86	68.07	67.40	72.07
Frequency(MHz)	780.0	800.0	820.0	840.0	850.0	860.0	870.0	880.0	890.0	900.0	910.0	920.0	930.0	940.0	950.0	960.0
Gain (dBi)	1.68	1.79	1.46	1.13	1.31	1.52	1.61	1.44	1.76	2.23	2.61	2.66	2.18	1.72	1.59	1.76
Efficiency (%)	75.72	77.86	67.35	63.59	69.71	67.64	66.90	67.99	69.82	74.34	76.26	75.49	70.31	67.22	63.64	61.35
Frequency(MHz)	1427.0	1437.0	1447.0	1457.0	1467.0	1477.0	1487.0	1497.0	1507.0	1517.0						
Gain (dBi)	4.44	4.73	4.84	4.48	4.26	3.93	3.85	3.95	3.85	3.87						
Efficiency (%)	62.44	63.02	59.68	52.21	49.31	47.83	49.04	50.75	50.02	51.14						
Frequency(MHz)	1700.0	1750.0	1800.0	1850.0	1900.0	1950.0	2000.0	2050.0	2100.0	2150.0	2200.0					
Gain (dBi)	4.99	5.89	5.78	5.33	5.55	5.95	5.72	6.12	5.63	6.45	6.71					
Efficiency (%)	68.18	72.33	70.17	64.21	68.99	68.55	66.65	69.46	67.34	65.00	64.10					
Frequency(MHz)	2250.0	2300.0	2350.0	2400.0	2450.0	2500.0	2550.0	2600.0	2650.0	2700.0						
Gain (dBi)	7.62	8.13	8.01	7.63	7.78	7.97	7.90	8.09	8.35	8.34						
Efficiency (%)	71.29	75.53	71.47	67.92	69.52	67.32	63.37	66.22	72.11	71.09						



2.3 Radiation Pattern







Dongguan Leenz Electronics Co., Ltd



19200261653



sale01@leenz.com



leenzantenna.com

2nd Floor, Building 1, Xinhe Industrial Park No. 162, Zhen'an East Road, Chang'an Town, Dongguan City,
Guangdong Province