



Multiband Gps Antenna Helical Spiral Transmitting Beidou GLONASS GPS GNSS

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10616-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1197-1278MHz / 1559-1606MHz
- VSWR: <2.0
- LNA Gain: 35dBi
- Impedance: 50
- Highlight: gnss multiband, multiband gnss antenna, multiband gps antenna



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Product Description

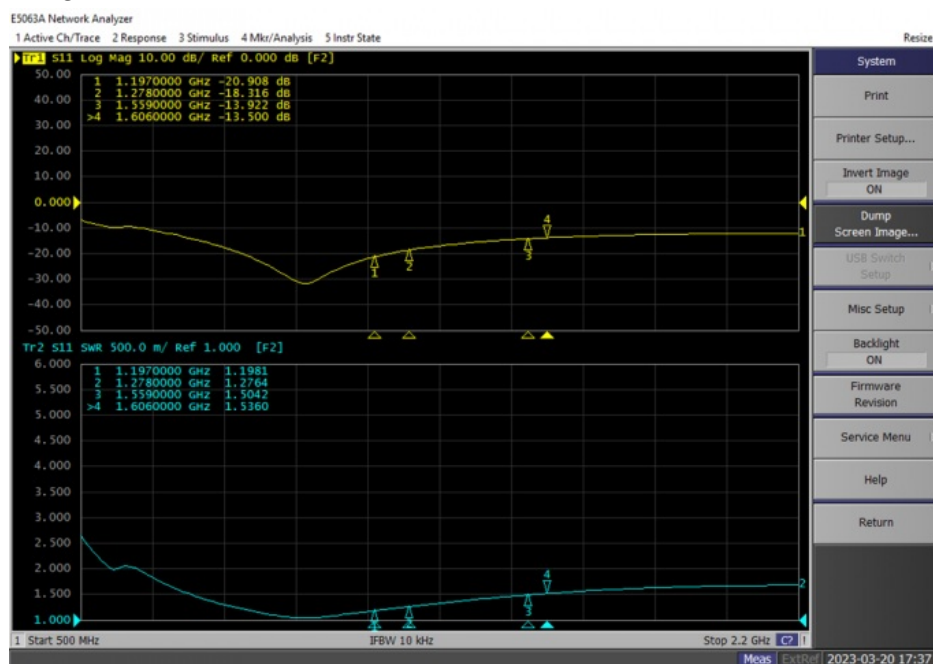
Satellite Positioning Antenna Helical Spiral Transmitting Multi-band Beidou GLONASS GPS GNSS Antenna

1. Specification

A. Electrical Characteristics	
Frequency	1197-1278MHz; 1559-1606MHz
Supported Positioning signal bands	GPS: L1/L2 BDS: B1/B2/B3 GLONASS: G1/G2 Galileo: E1/E5b
Peak Gain	≥2dBi
Impedance	50Ohm
Polarization	RHCP
Axial Ratio	≤1.5 dB
Azimuth Coverage	360°
B. LNA and Filter Electrical Properties	
LNA Gain	35±2dBi(Typ.@25°C)
Noise Figure	≤1.5dB@25°C, Typ.(Pre-filtered)
Output VSWR	≤1.8 : 1Typ. 2.0 : 1 Max
Operation Voltage	3-16 V DC
Operation Current	≤45mA
C. Material & Mechanical Characteristics	
Connector Type	SMA connector
Dimension	Φ27.5x56mm
Radome material	PC+ABS
Waterproof	IP67
Weight	0.018Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C
Humidity	≤95%

2. Antenna - S Parameter Test Data

2.1 VSWR

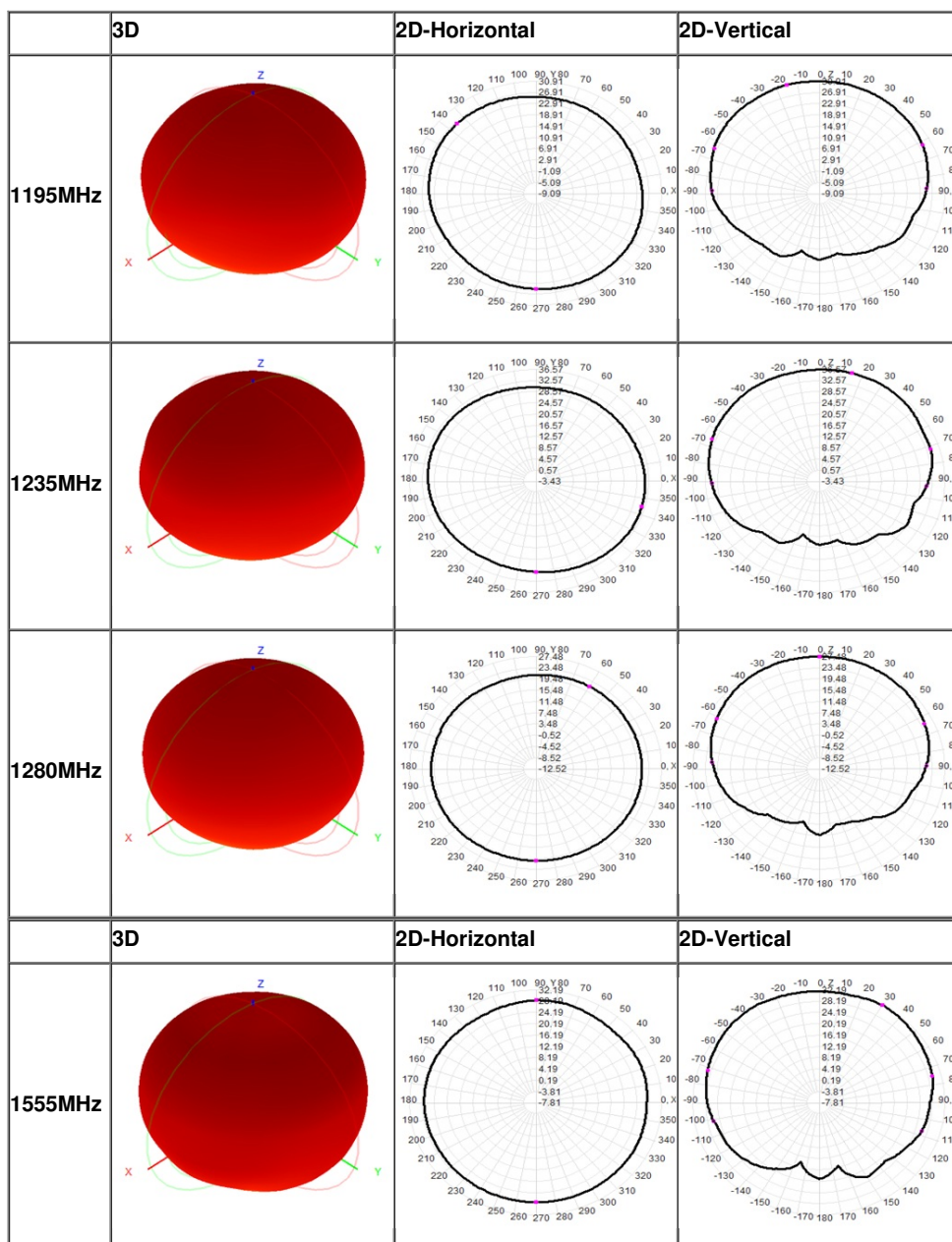


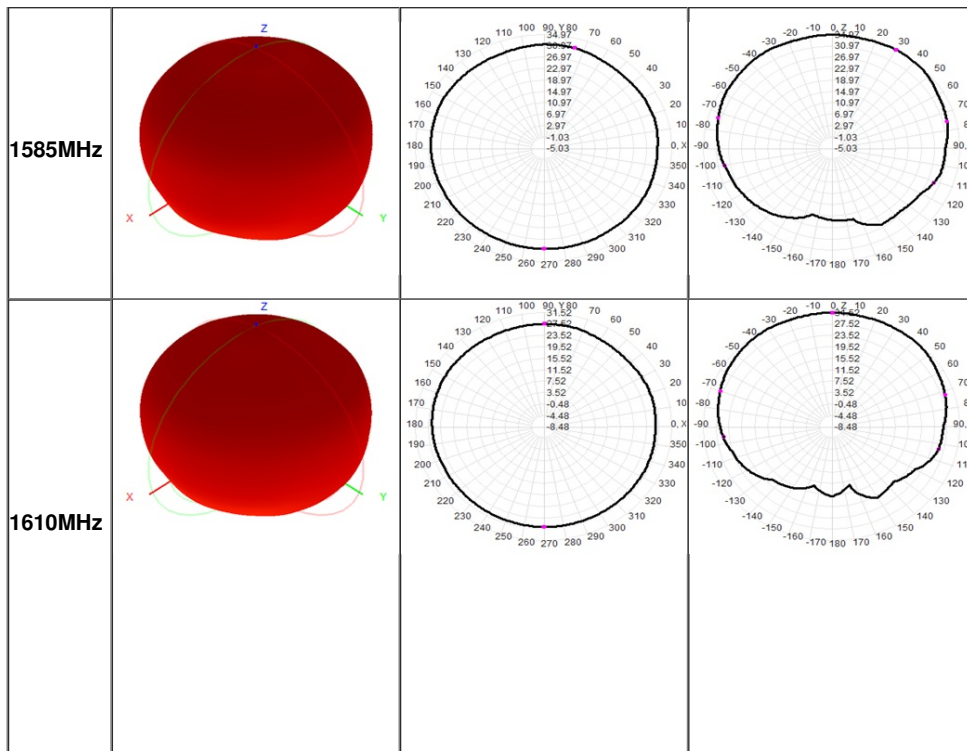
2.2 LNA Gain:

Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
1195.0	30.91	1555.0	32.22
1200.0	32.02	1560.0	34.14
1205.0	33.15	1565.0	35.37
1210.0	34.27	1570.0	35.14
1215.0	35.11	1575.0	34.94
1220.0	35.80	1580.0	34.90
1225.0	36.40	1585.0	35.00
1230.0	36.74	1590.0	34.61

1235.0	36.57	1595.0	34.88
1240.0	35.82	1600.0	32.42
1245.0	34.49	1605.0	31.26
1250.0	33.07	1610.0	31.52
1255.0	31.59		
1260.0	30.45		
1265.0	29.47		
1270.0	28.61		
1275.0	27.93		
1280.0	27.51		

2.3 Radiation Pattern





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