



Four-Star Multi-Band Survey Antenna Multiband 40dBi GPS GLONASS Beidou Galileo

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10615-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1164-1290MHz / 1525-1615MHz
- VSWR: <2.0
- LNA Gain: 40dBi
- Impedance: 50
- Highlight: multi band antenna, antena multiband, antenna multiband 40dBi



More Images



Product Description

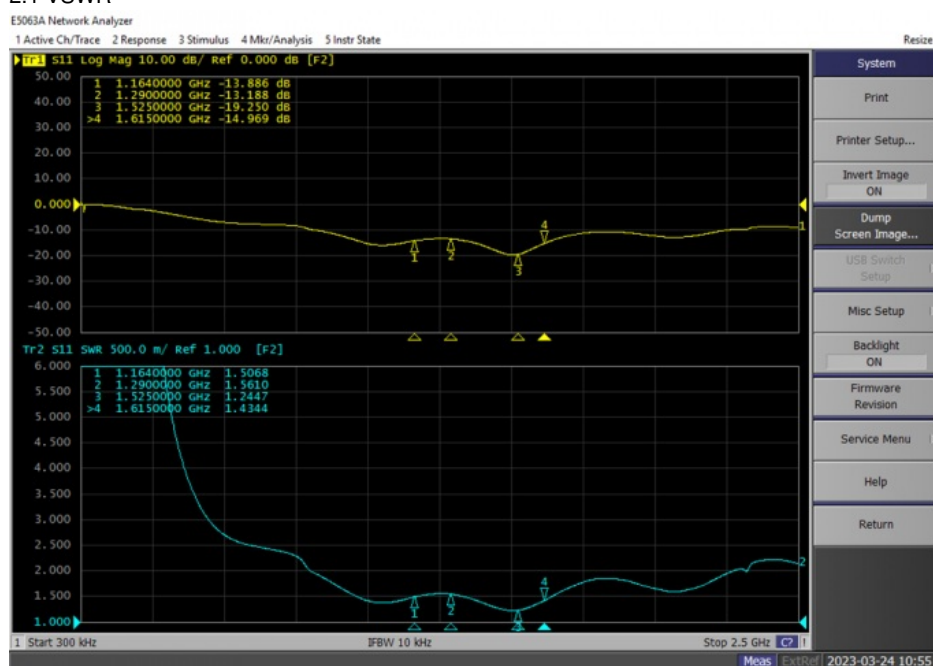
Satellite Positioning Antenna Four-Star Multi-Band Survey antenna 40dBi GPS GLONASS Beidou Galileo

1. Specification

A. Electrical Characteristics	
Frequency	1164-1290MHz, 1525-1615MHz
Supported Positioning signal bands	GPS: L1/L2/L5 BDS: B1/B2/B3 GLONASS: G1/G2/G3 Galileo: E1/E5a/E5b/E6 L-Band
Peak Gain	≥5dBi@Fc
Impedance	50Ohm
Polarization	RHCP
Axial Ratio	≤ 1.5dB
Azimuth Coverage	360°
Phase-center accuracy	≤2.0mm
Phase-center repeatability	≤1.0mm
B. LNA and Filter Electrical Properties	
LNA Gain	40±2dBi(Typ.@25°C)
Group Delay variation	≤10ns
Noise Figure	≤2.0dB@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	TNC connector
Dimension	Φ152x68mm
Radome material	PC+ABS
Waterproof	IP67
Weight	0.35Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

2. Antenna - S Parameter Test Data

2.1 VSWR

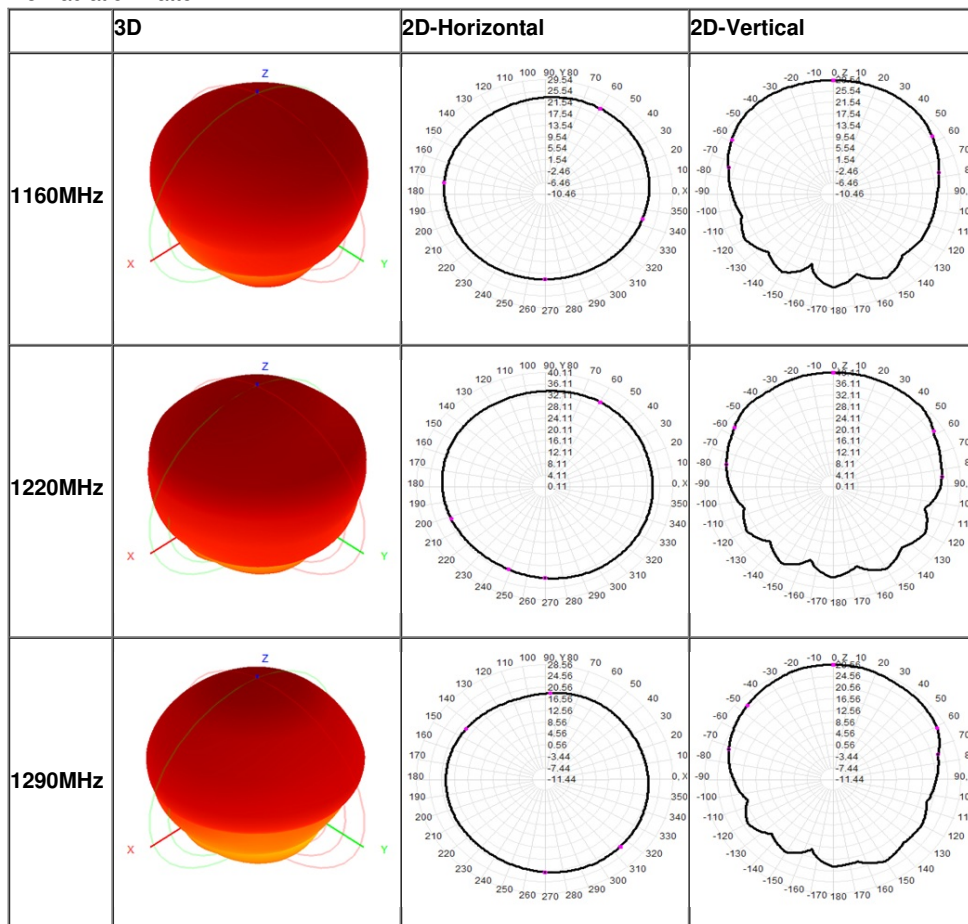


2.2 LNA Gain:

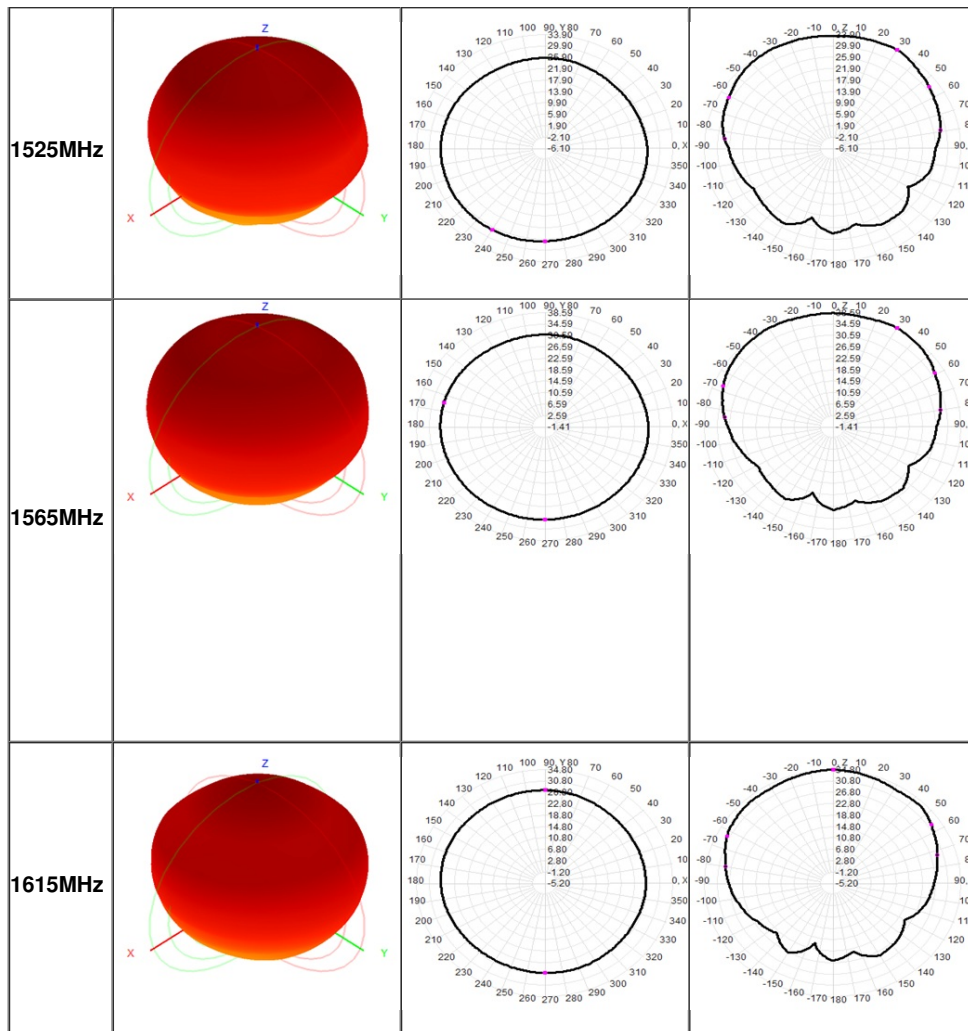
Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
1160.0	29.60	1525.0	34.00
1165.0	31.85	1530.0	34.83
1170.0	33.50	1535.0	35.80
1175.0	34.67	1540.0	36.93
1180.0	35.67	1545.0	37.57

1185.0	36.57	1550.0	37.82
1190.0	37.53	1555.0	38.35
1195.0	38.16	1560.0	38.73
1200.0	38.52	1565.0	38.65
1205.0	38.90	1570.0	38.07
1210.0	39.35	1575.0	37.78
1215.0	39.81	1580.0	37.65
1220.0	40.11	1585.0	37.40
1225.0	40.23	1590.0	36.95
1230.0	40.09	1595.0	36.66
1235.0	39.62	1600.0	36.43
1240.0	39.00	1605.0	35.95
1245.0	38.18	1610.0	35.33
1250.0	37.34	1615.0	34.80
1255.0	36.31		
1260.0	35.35		
1265.0	34.22		
1270.0	33.20		
1275.0	32.14		
1280.0	31.14		
1285.0	30.01		
1290.0	28.58		

2.3 Radiation Pattern



	3D	2D-Horizontal	2D-Vertical
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