



Leenz Satellite Positioning Antenna GPS Beidou Outdoor Timing Antenna Marine Antenna

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10837-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: $1561\pm 5\text{MHz}$ / $1575\pm 5\text{MHz}$
- VSWR: <2.0
- LNA Gain: 38dBi
- Impedance: 50
- Highlight: Leenz Satellite Positioning Antenna,
Leenz Marine Antenna, outdoor timing antenna



More Images



Product Description

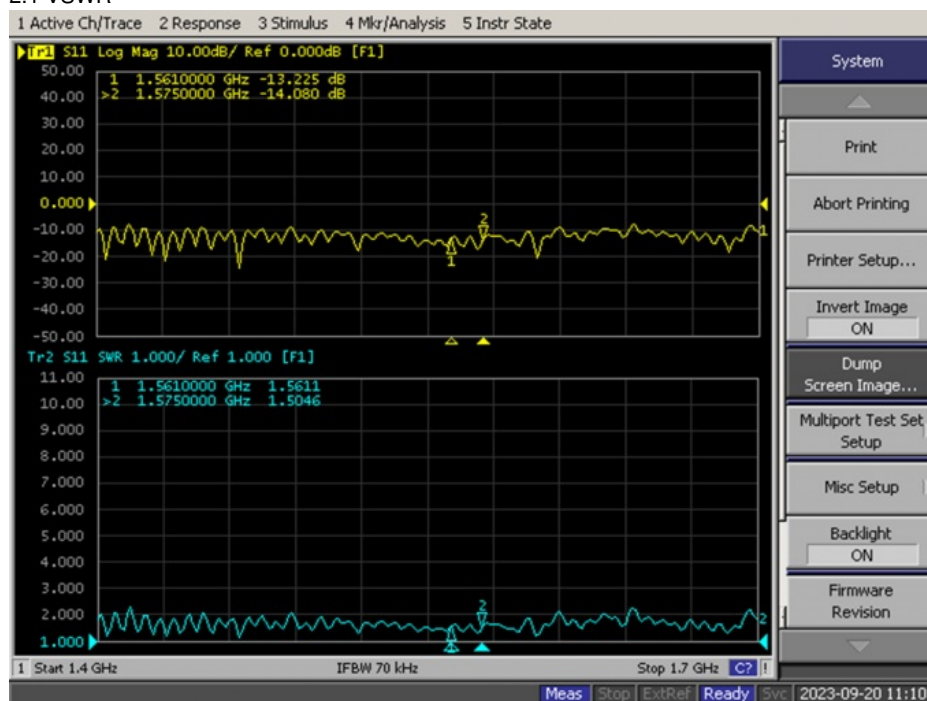
Satellite Positioning Antenna GPS+Beidou Timing Antenna Marine Antenna

1. Specification

A. Electrical Characteristics	
Frequency	1561±5MHz; 1575±5MHz
VSWR	<1.5
Peak Gain	5±2dBi@Fc
Impedance	50Ohm
Polarization	RHCP
Axial Ratio	≤5 dB
10Db Bandwidth	±10MHz
Azimuth Coverage	360°
B. LNA and Filter Electrical Properties	
LNA Gain	38±2dBi(Typ.@25°C)
Group Delay variation	≤5ns
Noise Figure	≤1.8dB@25°C, Typ.(Pre-filtered)
In-Band Flatness (dB)	1 (1575.42MHz±1MHz)
Out-of-Band Suppression (dBc)	70dBc
LNA Output 1Db Compression point	-10dBm
Output VSWR	≤2.0 Typ.
Operation Voltage	3.3-5 V DC
Operation Current	≤25mA
C. Material & Mechanical Characteristics	
Connector Type	TNC connector
Cable Type	RG58/U
Dimension	Φ96x127±3mm
Radome material	ABS
Waterproof	IP66
Weight	0.63Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

2. Antenna - S Parameter Test Data

2.1 VSWR

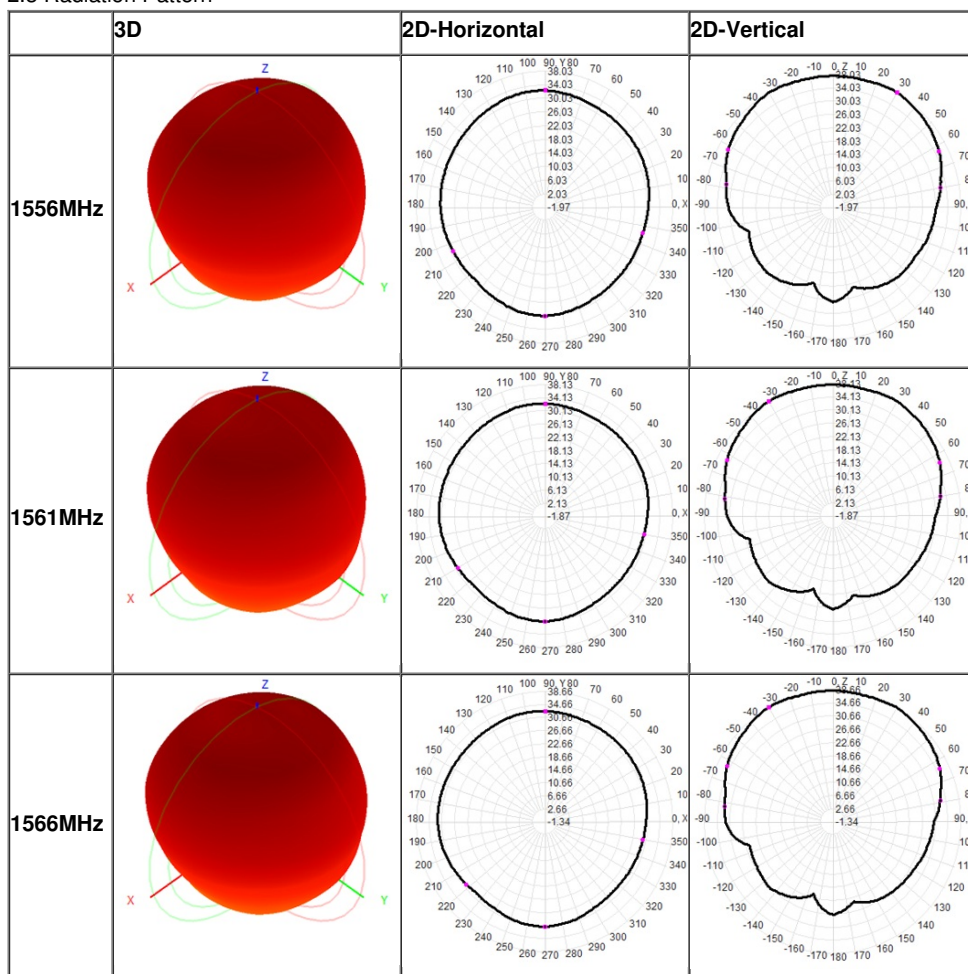


2.2 LNA Gain:

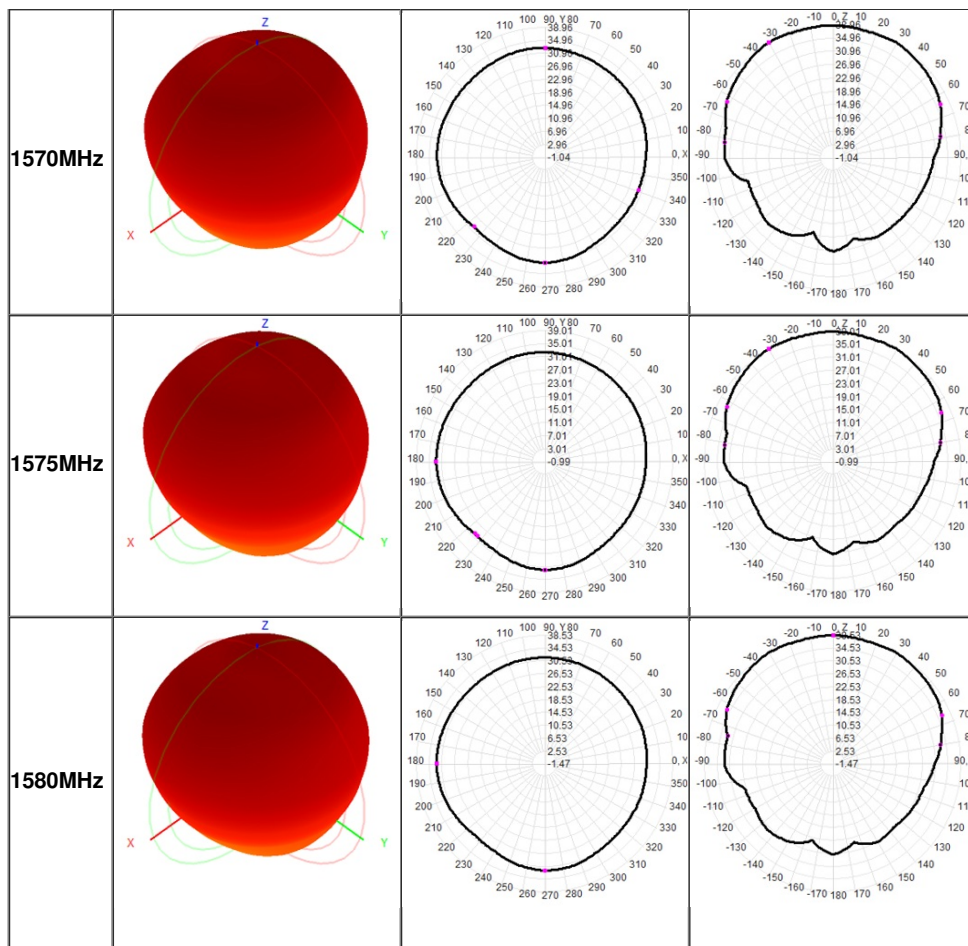
Frequency (MHz)	Gain (dBi)
1556	38.3
1557	38.4
1558	38.5
1559	38.4
1560	38.4

1561	38.5
1562	38.5
1563	38.5
1564	38.6
1565	38.6
1566	38.8
1570	39.11
1571	39.18
1572	39.23
1573	39.28
1574	39.28
1575	39.16
1576	38.90
1577	38.74
1578	38.67
1579	38.63
1580	38.55

2.3 Radiation Pattern



	3D	2D-Horizontal	2D-Vertical



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