



External Gnss Antenna IP67 GPS GNSS Beidou Antenna Satellite System 1559-1606MHz 20 DBi

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10471-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1559-1606MHz
- VSWR: <2.0
- LNA Gain: 20dBi
- Impedance: 50
- Highlight: gnss antenna 1559-1606MHz,
external gnss antenna,
beidou navigation satellite system



More Images



Product Description

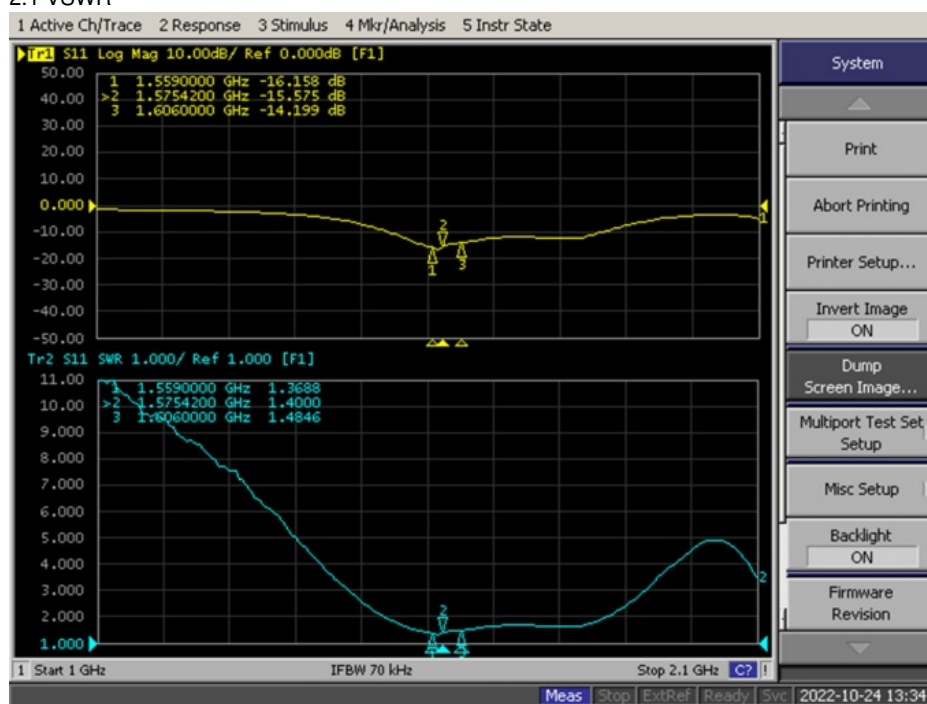
Satellite Positioning Antenna Outdoor IP67 GPS GNSS Beidou Antenna 1559-1606 MHz 20 dBi

1. Specification

A. Electrical Characteristics	
Frequency	1559-1606MHz
VSWR	<2.0
Peak Gain	0dBi
Impedance	50Ohm
Polarization	RHCP
B. LNA and Filter Electrical Properties	
Frequency	1559-1606MHz
VSWR	<2.0
LNA Gain	20dBi
Impedance	50Ohm
Polarization	RHCP
10dB Bandwidth	±5MHz
Noise Figure	≤1.5dB
In-Band Flatness (dB)	±1dB
Operation Voltage	3-5 V DC
Operation Current	≤5mA
C. Material & Mechanical Characteristics	
Connector Type	N connector
Dimension	Φ16x100mm
Radome material	Fiberglass
Waterproof	IP67
Weight	0.065Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

2. Antenna - S Parameter Test Data

2.1 VSWR

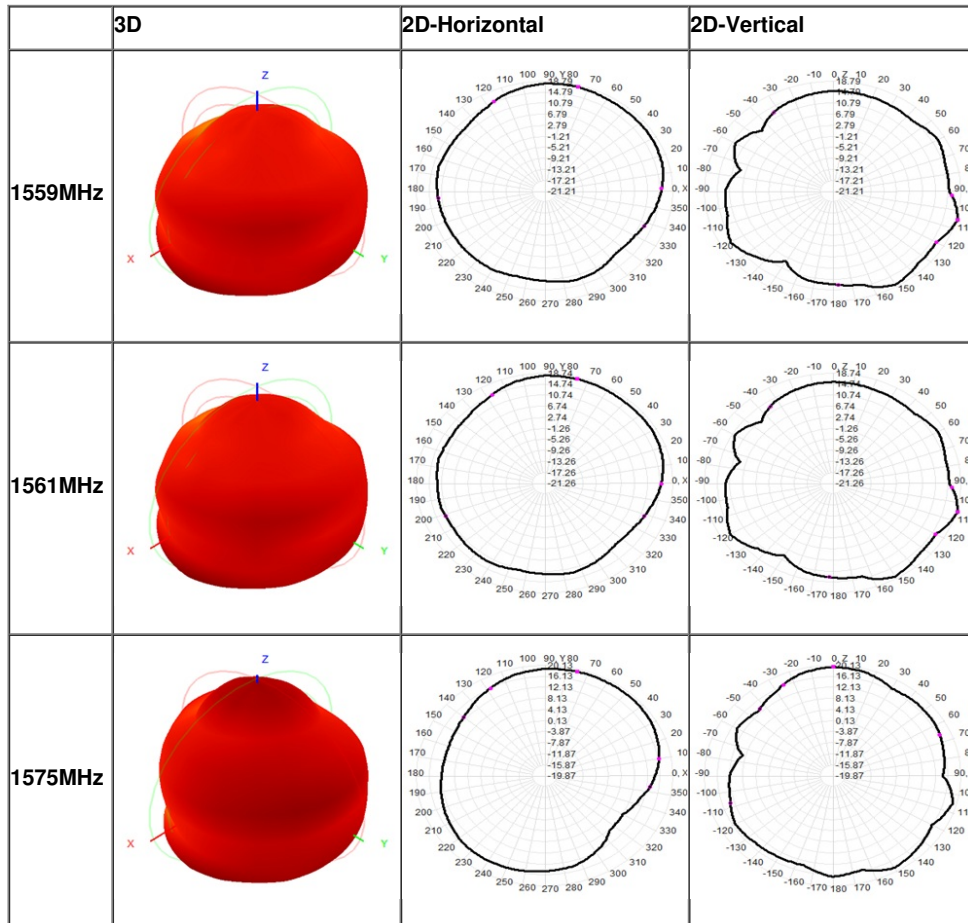


2.2 LNA Gain:

Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
1559.0	19.91	1583.0	20.36
1560.0	19.94	1584.0	20.43
1561.0	19.77	1585.0	20.59
1562.0	20.03	1586.0	20.44
1563.0	19.85	1587.0	20.39
1564.0	19.79	1588.0	20.40

1565.0	19.62	1589.0	20.43
1566.0	19.65	1590.0	20.47
1567.0	19.47	1591.0	21.23
1568.0	19.60	1592.0	21.82
1569.0	19.77	1593.0	22.19
1570.0	20.06	1594.0	22.25
1571.0	20.25	1595.0	22.07
1572.0	20.39	1596.0	21.80
1573.0	20.61	1597.0	21.40
1574.0	20.76	1598.0	20.91
1575.0	20.79	1599.0	20.45
1576.0	20.64	1600.0	20.07
1577.0	20.57	1601.0	20.12
1578.0	20.39	1602.0	20.17
1579.0	20.41	1603.0	20.34
1580.0	20.40	1604.0	20.55
1581.0	20.24	1605.0	20.82
1582.0	20.29	1606.0	20.76

2.3 Radiation Pattern





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