



Passive Gnss Antenna Gps 1561MHz 1575.42 MHz 1602MHz 3dBi 16x130

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10090-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1561.098MHz / 1575.42MHz
- VSWR: <1.5
- Gain: 3dBi
- Impedance: 50
- Highlight: passive gnss antenna, gnss gps antenna, gnss multiband



Product Description

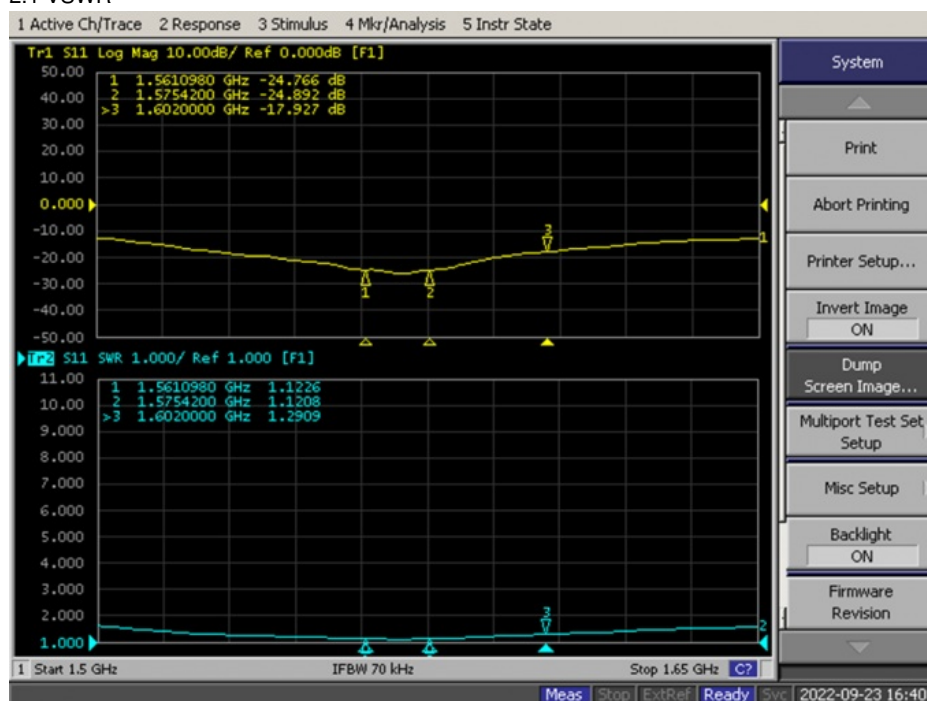
Satellite Positioning Antenna GNSS Passive Antenna 1561MHz 1575.42 MHz 1602MHz 3dBi 16x130

1. Specification

A. Electrical Characteristics	
Frequency	1561.098MHz; 1575.42MHz
VSWR	<1.5
Peak Gain	3dBi
Impedance	50Ohm
Efficiency	~79%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	39-41°
Power	5W
B. Material & Mechanical Characteristics	
Connector Type	N connector
Dimension	Φ16x130mm
Radome material	Fiberglass
Weight	0.070Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

2. Antenna - S Parameter Test Data

2.1 VSWR



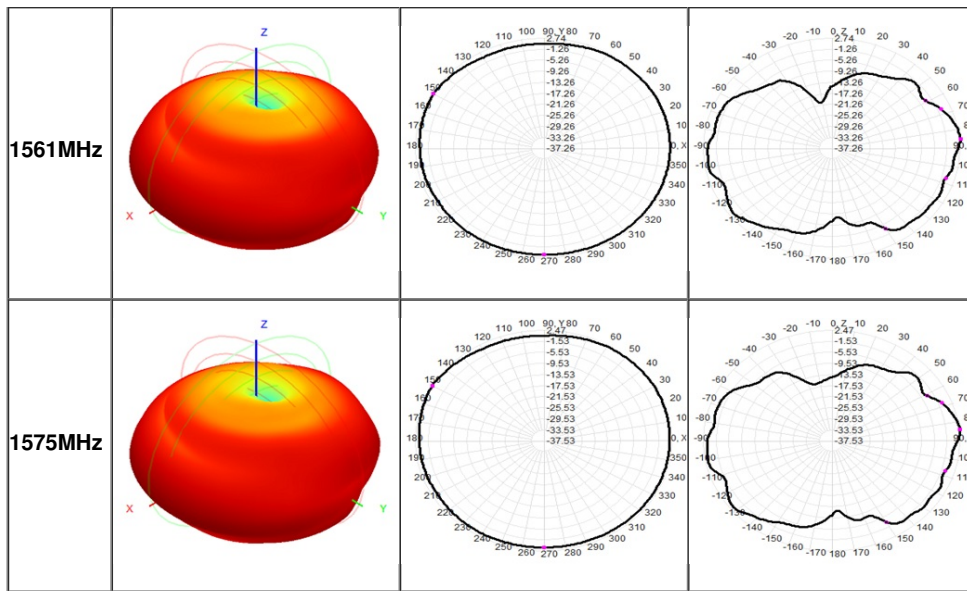
2.2 LNA Gain:

Frequency(MHz)	1558.0	1559.0	1560.0	1561.0	1562.0	1563.0	1564.0	1565.0
Gain (dBi)	2.84	2.85	2.85	2.84	2.83	2.82	2.79	2.75
Efficiency (%)	85.33	84.74	84.12	83.46	82.80	82.12	81.41	80.67

Frequency(MHz)	1570.0	1571.0	1572.0	1573.0	1574.0	1575.0	1576.0	1577.0	1578.0	1579.0	1580.0
Gain (dBi)	2.50	2.50	2.51	2.52	2.53	2.54	2.47	2.44	2.41	2.39	2.39
Efficiency (%)	76.45	76.88	77.38	77.92	78.43	78.94	78.07	77.24	76.52	75.95	75.57

2.3 Radiation Pattern

	3D	2D-Horizontal	2D-Vertical



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