



GPS Timing Antenna Marine Antenna 32dBi High Precision Gps Antenna

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10819-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 1575±5MHz
- VSWR: <2.0
- LNA Gain: 32dBi
- Impedance: 50
- Highlight: GPS Timing Antenna, high precision gps antenna, Marine Antenna 32dBi



More Images



Product Description

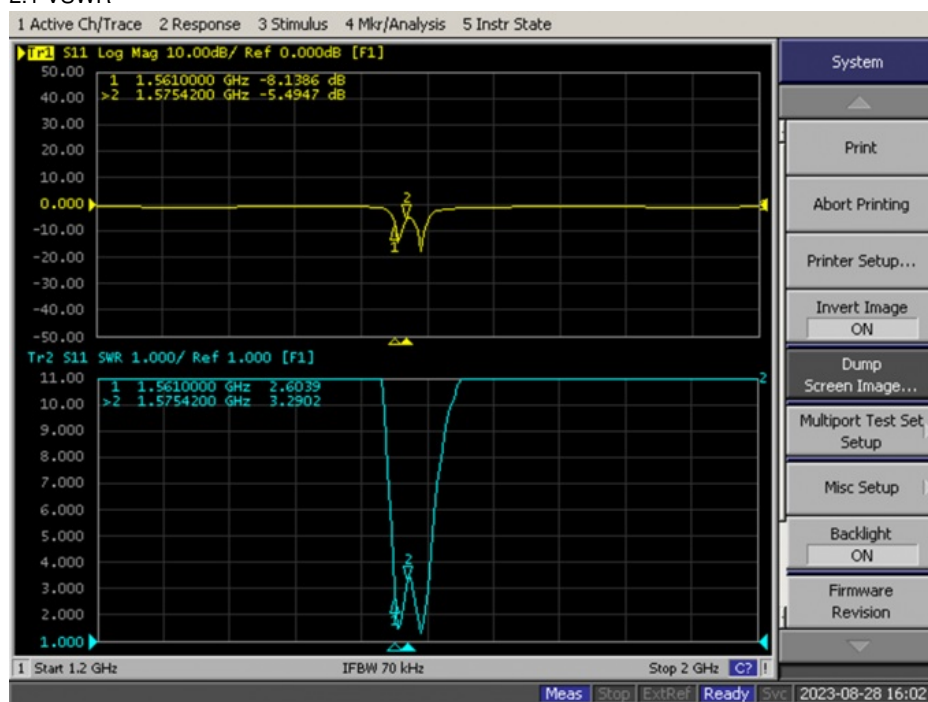
Satellite Positioning Antenna GPS Timing Antenna Marine Antenna 32dBi

1. Specification

A. Electrical Characteristics	
Frequency	1575±5MHz
Peak Gain	15±2dBi@Fc
Impedance	50Ohm
Polarization	RHCP
Axial Ratio	≤5 dB
F/B	>13
Azimuth Coverage	360°
Phase-center accuracy	≤2.0mm
B. LNA and Filter Electrical Properties	
LNA Gain	32±2dBi(Typ.@25°C)
Group Delay variation	≤5ns
Noise Figure	≤2.7dB@25°C, Typ.(Pre-filtered)
In-Band Flatness (dB)	1 (1575.42MHz±1MHz)
Out-of-Band Suppression (dBc)	12(1575±30MHz)
Output VSWR	≤2.5 : 1Typ. 3.5 : 1 Max
Operation Voltage	3.3-6 V DC
Operation Current	≤45mA
C. Material & Mechanical Characteristics	
Connector Type	N connector
Dimension	Φ96x257±3mm
Radome material	ABS
Waterproof	IP67
Weight	0.75Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

2. Antenna - S Parameter Test Data

2.1 VSWR

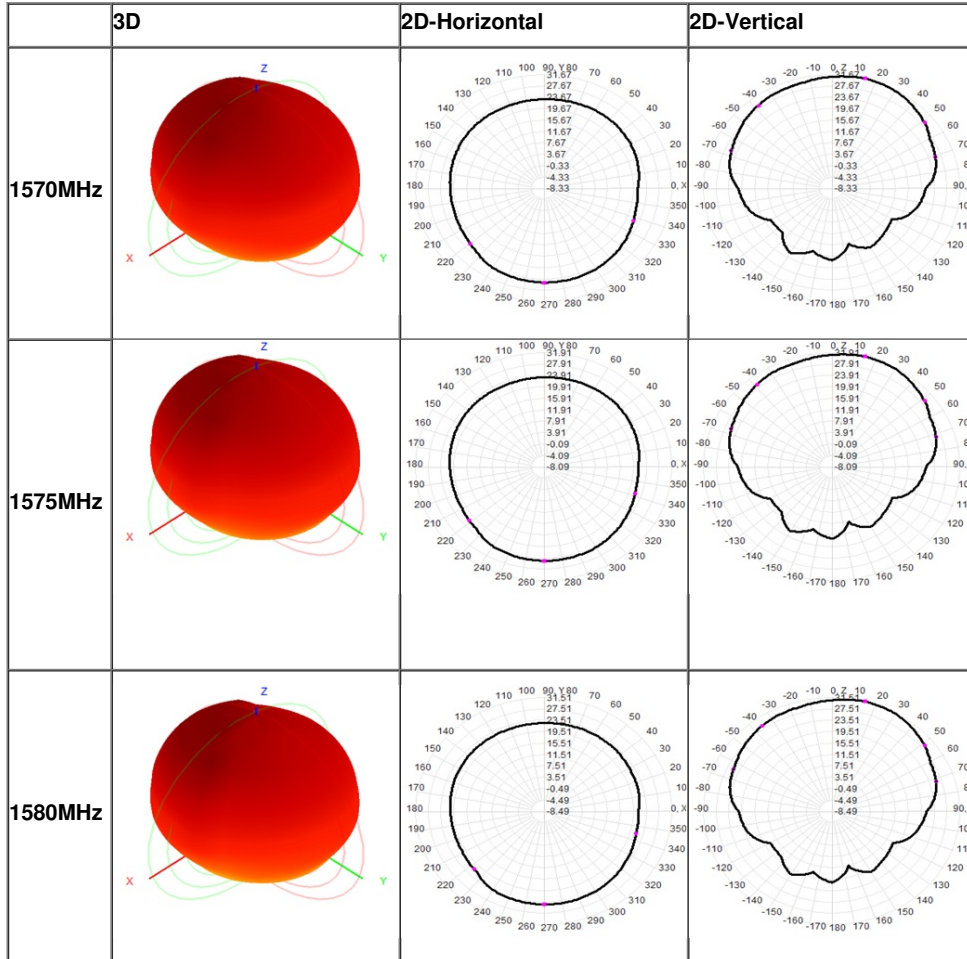


2.2 LNA Gain:

Frequency (MHz)	Gain (dBi)
1570	31.8
1571	31.3
1572	31.5
1573	31.7
1574	31.8
1575	31.9

1576	31.8
1577	31.5
1578	32.1
1579	32.3
1580	32.6

2.3 Radiation Pattern



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