



Gnss Embedded Gps Antenna 3.7-4.2GHz Embedded Antenna Dual Copper Tube SMA Connector

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10456-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 3700-4200MHz
- VSWR: <2.0
- Peak Gain: 3dBi
- Impedance: 50 OHM
- Highlight: embedded gnss antenna,
embedded gps antenna,
antenna in embedded system



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Product Description

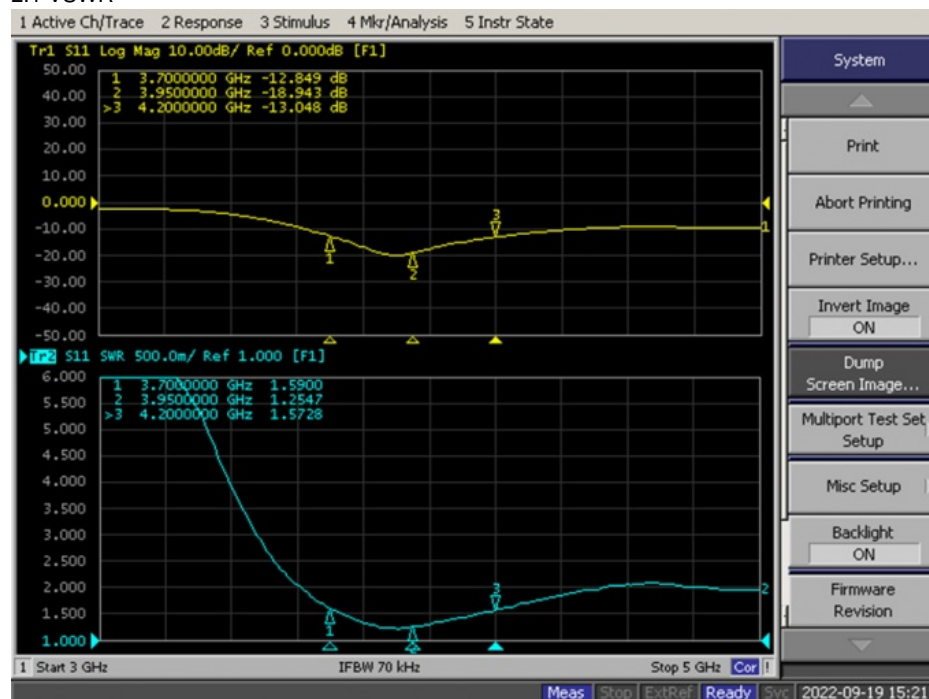
3.7-4.2GHz Embedded Antenna dual copper tube SMA connector

1. Specification

A. Electrical Characteristics	
Frequency	3700-4200MHz
S.W.R.	≤ 2.0
Antenna Gain	3dBi
Efficiency	$\approx 77\%$
Polarization	Linear
B. Material & Mechanical Characteristics	
Cable Type	RG178 Cable
Connector Type	SMA Plug
Dimension	55+/-2mm
Weight	0.004Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

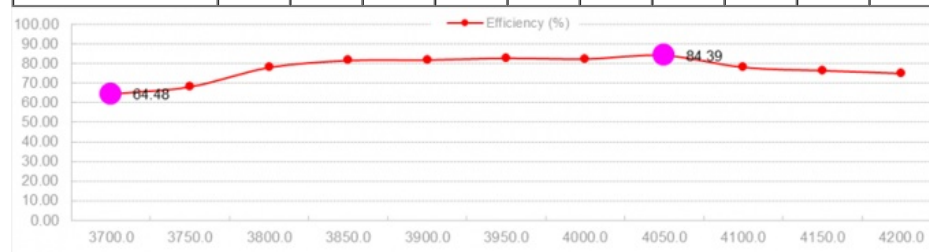
2. Antenna - S Parameter Test Data

2.1 VSWR



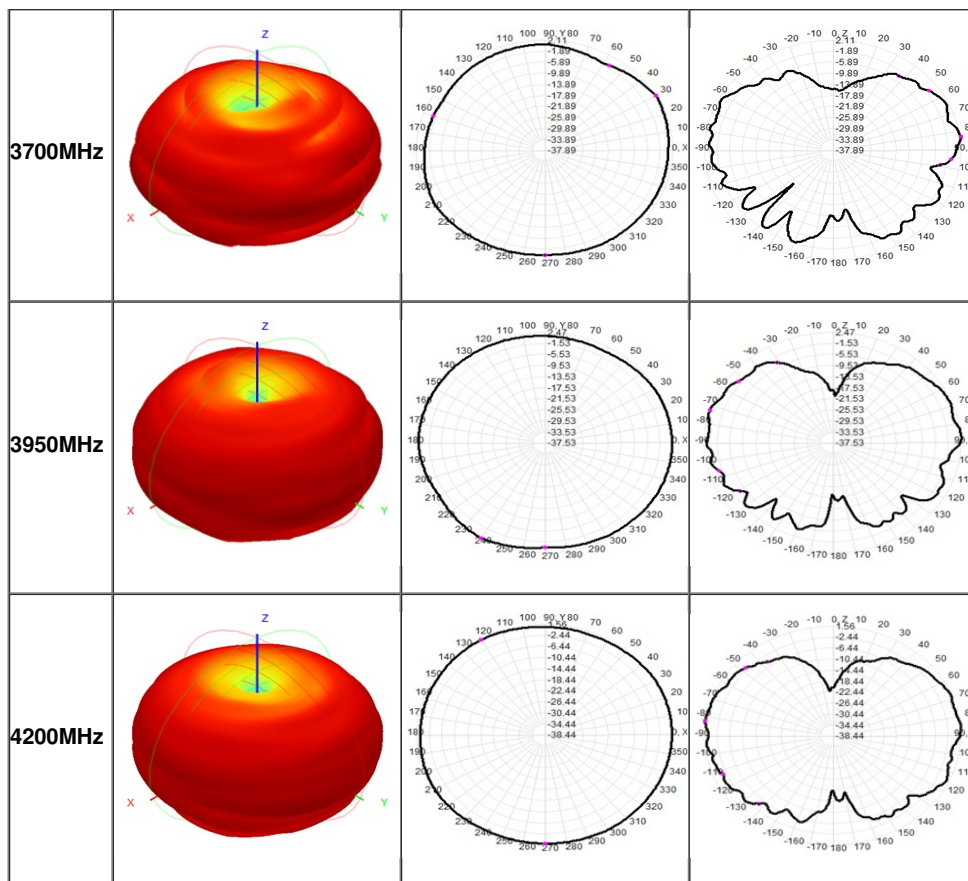
2.2 Total Efficiency & Gain:

Frequency (MHz)	3700	3750	3800	3850	3900	3950	4000	4050	4100	4150	4200
Gain (dBi)	2.33	2.64	3.03	2.89	2.80	2.58	2.62	2.60	2.26	2.24	1.99
Efficiency (%)	64.48	68.19	78.16	81.74	82.03	82.98	82.61	84.39	78.27	76.55	75.14



2.3 Radiation Pattern

	3D	2D-Horizontal	2D-Vertical



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