



1.4G 1400-1450MHz 2dbi omnidirectional rubber rod unmanned aerial vehicle antenna 10x109mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10508-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 1K per day

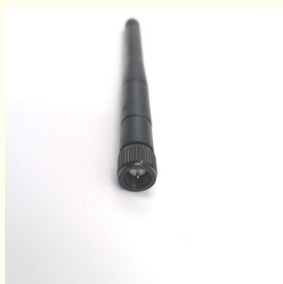


Product Specification

- Frequency: 1400-1450M
- VSWR: <2
- Peak Gain: 2dBi
- Impedance: 50



More Images



Product Description

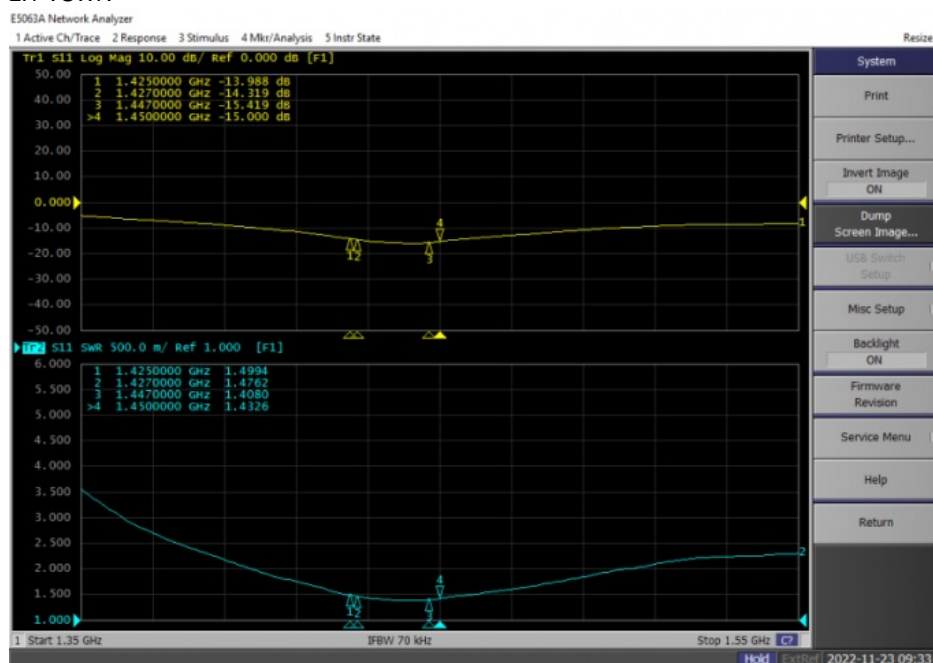
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1. Specification

A. Electrical Characteristics	
Frequency	1400-1450MHz
Impedance	50 Ohm
S.W.R.	<2
Gain	2dBi
Efficiency	≈72%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	60°
B. Material & Mechanical Characteristics	
Connector Type	SMA-J
Dimension	Φ13*109mm
Weight	0.01Kg
Radome material	PBT+PC
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C

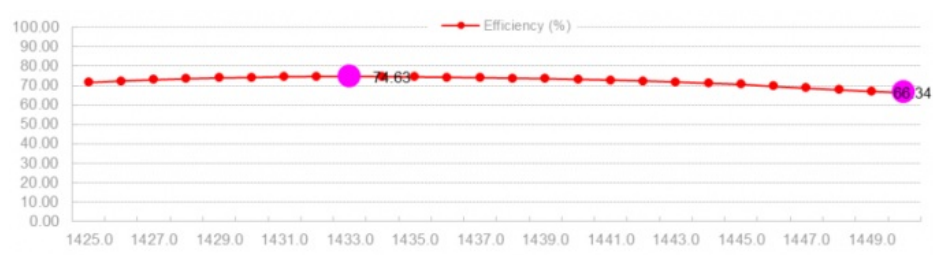
2. Antenna - S Parameter Test Data

2.1 VSWR

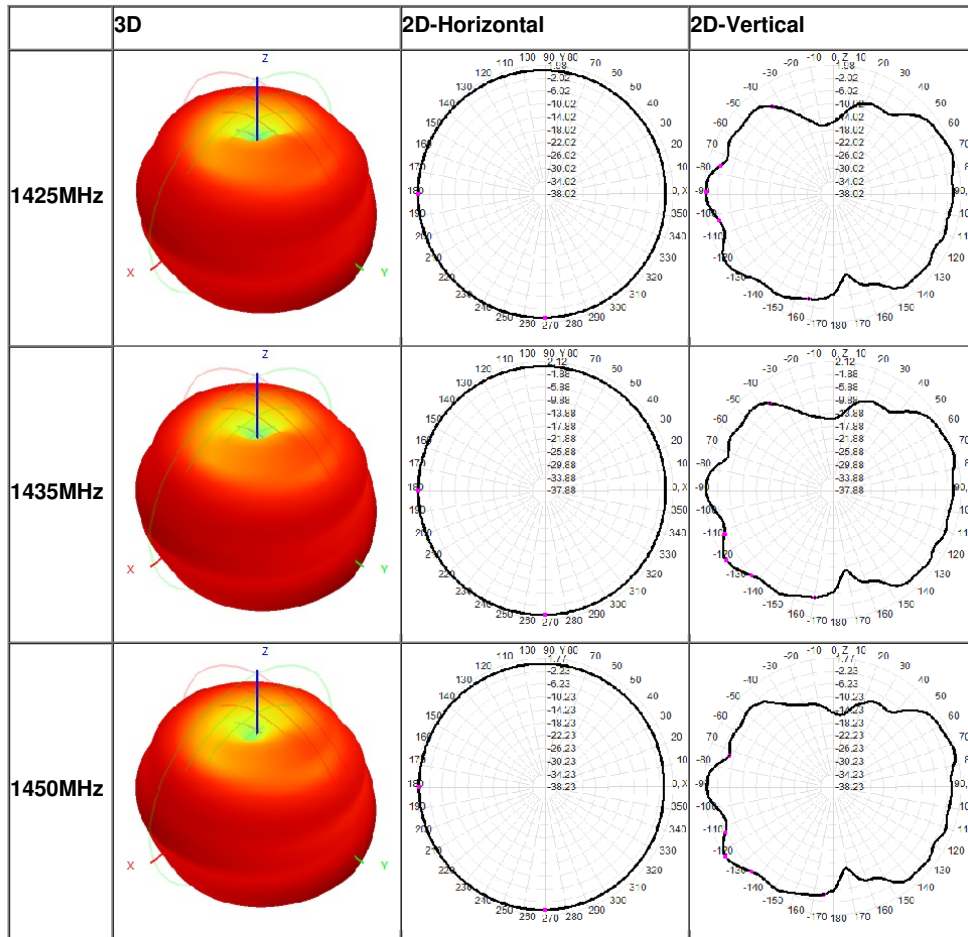


2.2 Total Efficiency & Gain:

Frequency (MHz)	1425.0	1426.0	1427.0	1428.0	1429.0	1430.0	1431.0	1432.0	1433.0	1434.0	1435.0	1436.0	1437.0
Gain (dBi)	1.98	2.02	2.06	2.07	2.10	2.12	2.13	2.13	2.13	2.13	2.12	2.10	2.10
Efficiency (%)	71.58	72.31	72.94	73.48	73.87	74.10	74.44	74.62	74.63	74.53	74.39	74.18	73.96
Frequency (MHz)	1438.0	1439.0	1440.0	1441.0	1442.0	1443.0	1444.0	1445.0	1446.0	1447.0	1448.0	1449.0	1450.0
Gain (dBi)	2.09	2.08	2.06	2.05	2.04	2.02	2.00	1.97	1.92	1.88	1.84	1.82	1.77
Efficiency (%)	73.76	73.50	73.16	72.82	72.37	71.80	71.17	70.58	69.57	68.65	67.83	67.07	66.34



2.3 Radiation Pattern



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