



## 380 - 450M 11dbi dual-polarized directional antenna $\pm 45^\circ$ base station sector antenna

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10949-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 200 per day



### Product Specification

- Frequency: 380-450MHz
- VSWR: <2.0
- Peak Gain: 11dBi
- Impedance: 50



### More Images



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## Product Description

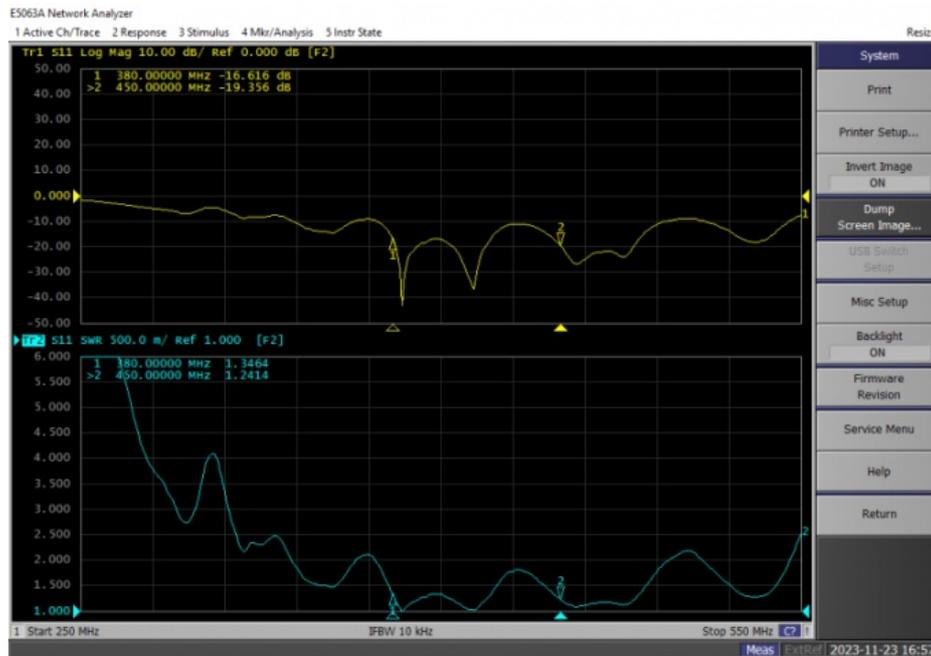
### 1. Specification

A. Electrical Characteristics	
Frequency	380-450MHz
S.W.R.	<2.0
Antenna Gain	6dBi
Polarization	±45°
Horizontal Beamwidth	90±10°
Vertical Beamwidth	25±5°
F/B	>16dB
Impedance	50Ohm
Max. Power	100W
B. Material & Mechanical Characteristics	
Connector Type	2*N-K
Dimension	1500*410*135mm
Radome material	UPVC
Weight	18.1Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C
Operation Humidity	95%
Rated Wind Velocity	60m/s

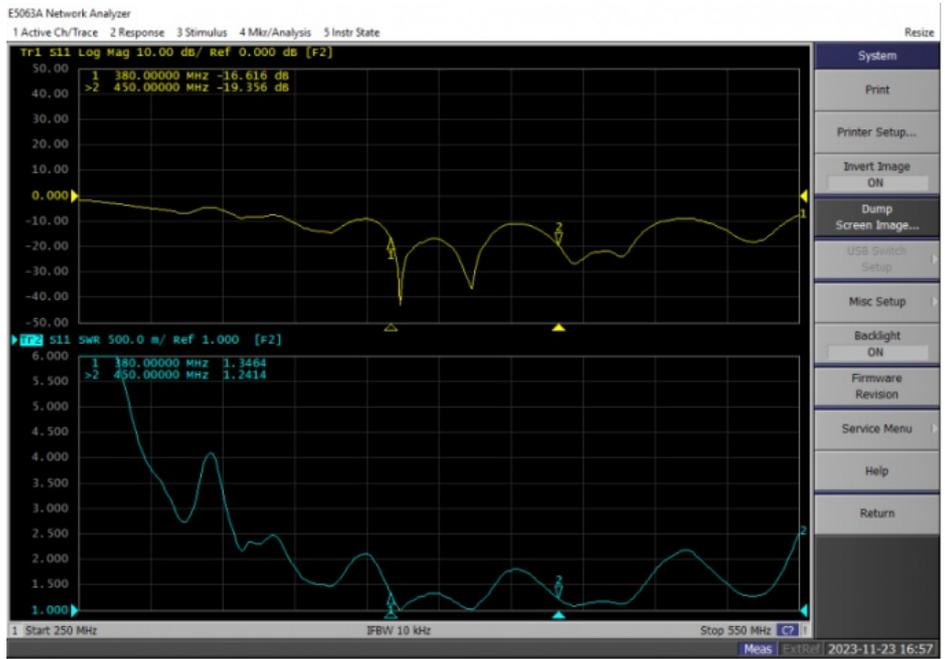
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR

##### PORT-1 +45



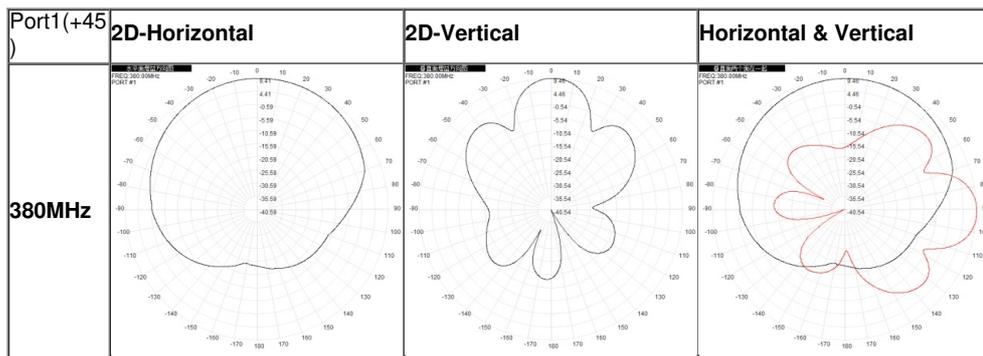
##### PORT-2 -45

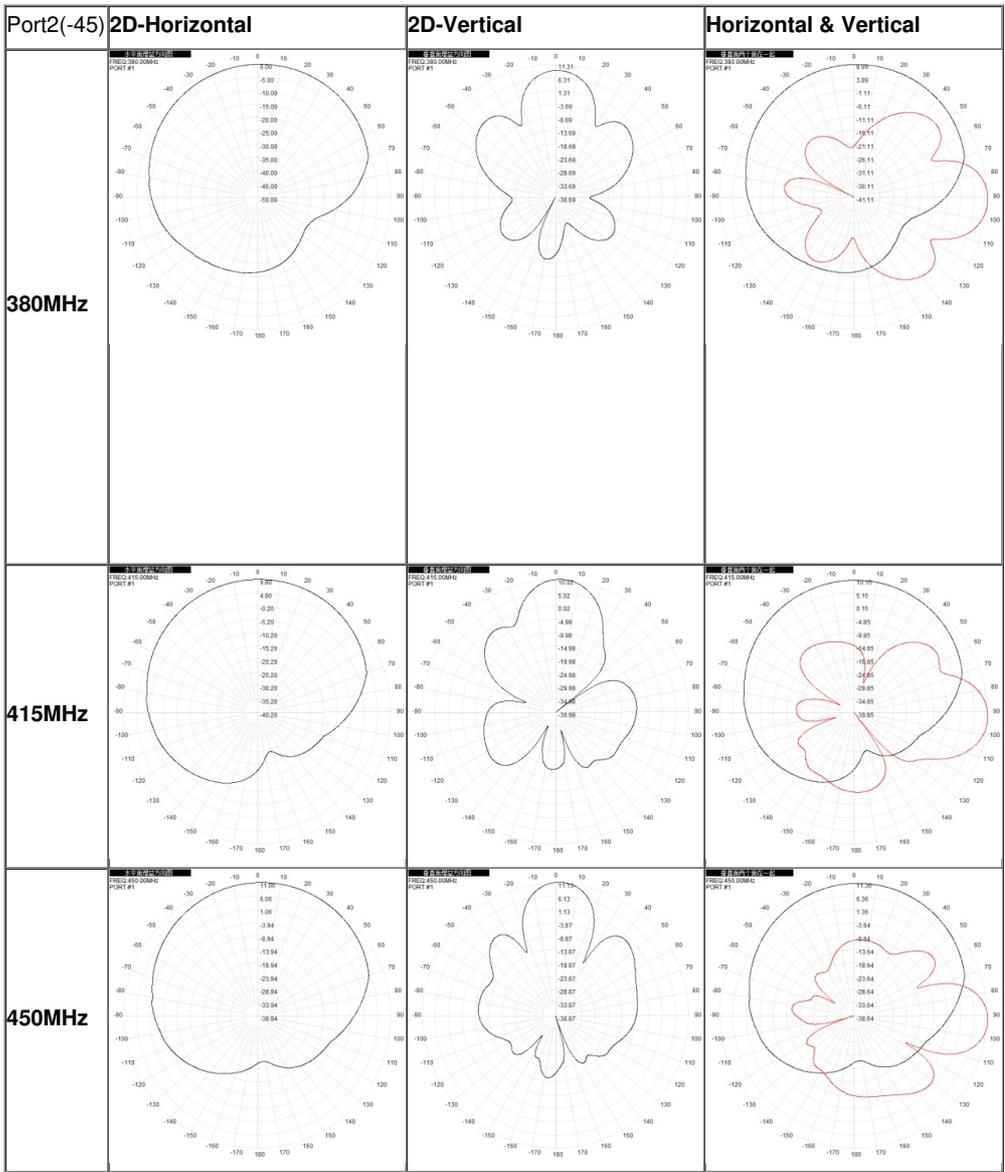
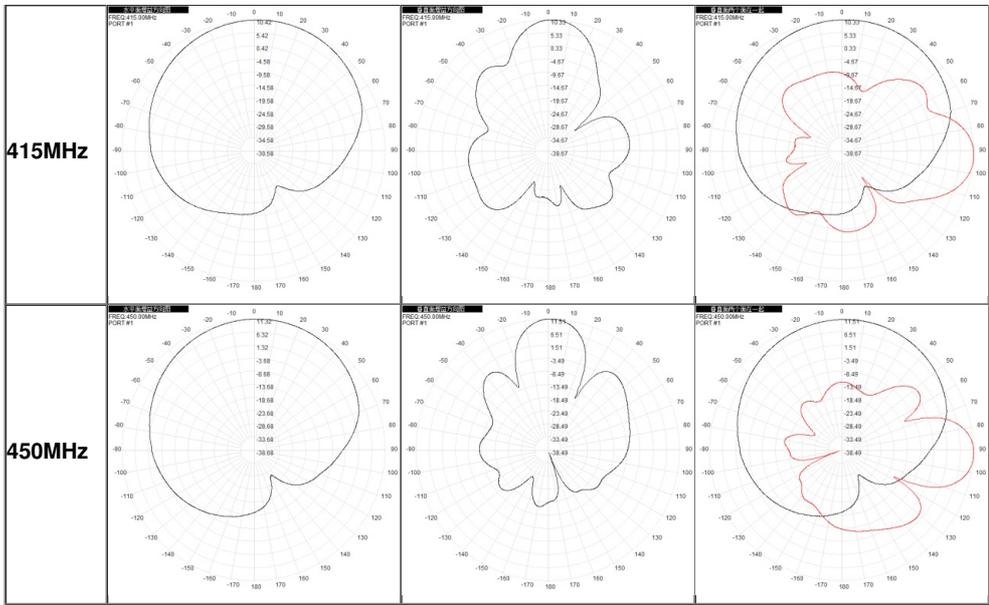


### 2.2 Total Efficiency & Gain:

Port 1		Port 2	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
380	9.5	380	8.9
385	9.6	385	9.0
390	9.6	390	9.0
395	9.6	395	9.0
400	9.6	400	9.2
405	9.8	405	9.6
410	10.2	410	10.0
415	10.4	415	10.2
420	10.7	420	10.4
425	11.0	425	10.6
430	10.9	430	10.6
435	11.2	435	10.8
440	11.3	440	11.1
445	11.4	445	11.1
450	11.6	450	11.4

### 2.3 Radiation Pattern







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