



## Flat Panel External Directional Antenna WIFI Dual Band 2.4G 5.8GHz 10.5dBi 97x97x23

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10485-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



### Product Specification

- Frequency: 2400-2500MHz; 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 9dBi/10.5dBi
- Impedance: 50
- Highlight: 10.5dBi Flat Panel External Directional Antenna, WIFI Flat Panel External Directional Antenna, 2.4G 5.8GHz outdoor directional antenna



### Product Description

#### 1. Specification

##### A. Electrical Characteristics

|                      |              |              |
|----------------------|--------------|--------------|
| Frequency            | 2400-2500MHz | 5150-5850MHz |
| S.W.R.               | <2.0         | <2.0         |
| Antenna Gain         | 9dBi         | 10.5dBi      |
| Polarization         | Vertical     | Vertical     |
| Horizontal Beamwidth | 82±3°        | 55±5°        |
| Vertical Beamwidth   | 63±2°        | 50±5°        |
| F/B                  | >18dB        | >14dB        |
| Impedance            | 50Ohm        | 50Ohm        |
| Max. Power           | 50W          | 50W          |

##### B. Material & Mechanical Characteristics

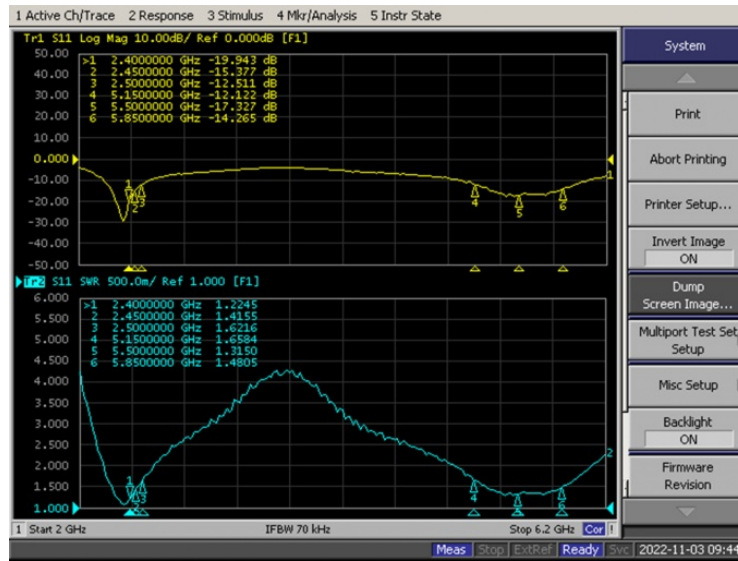
|                |             |
|----------------|-------------|
| Connector Type | N connector |
| Dimension      | 97*97*23mm  |

Our Product Introduction

|                       |                   |
|-----------------------|-------------------|
| Radome material       | ABS               |
| Weight                | 0.11Kg            |
| C. Environmental      |                   |
| Operation Temperature | - 40 °C ~ + 85 °C |
| Storage Temperature   | - 40 °C ~ + 85 °C |
| Operation Humidity    | 95%               |
| Rated Wind Velocity   | 36.9m/s           |

## 2. Antenna - S Parameter Test Data

### 2.1 VSWR

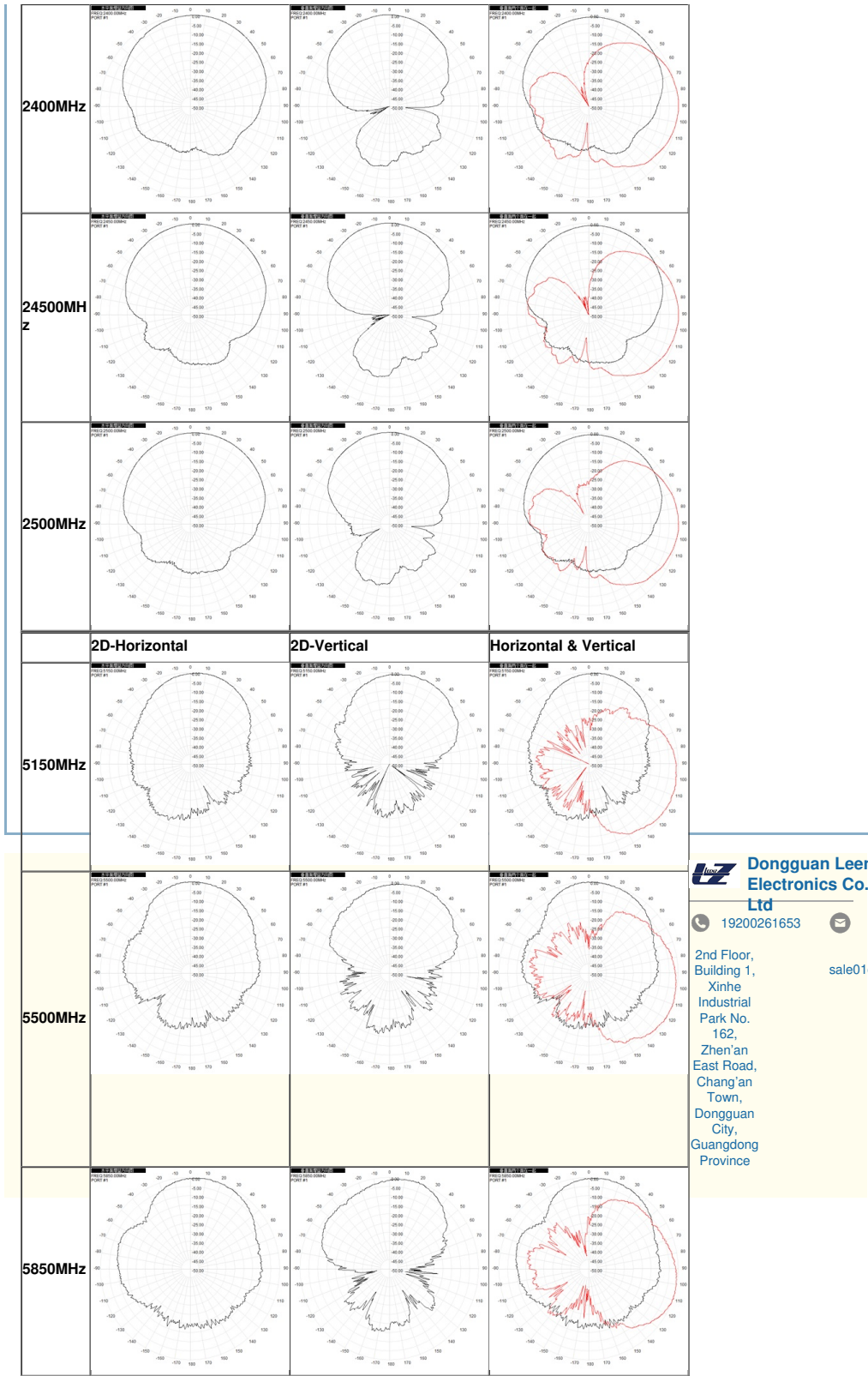


### 2.2 Total Efficiency & Gain:

| Frequency(MHz) | Gain(dBi) |
|----------------|-----------|
| 2400           | 8.9       |
| 2410           | 8.9       |
| 2420           | 8.8       |
| 2430           | 8.7       |
| 2440           | 8.7       |
| 2450           | 8.6       |
| 2460           | 8.6       |
| 2470           | 8.6       |
| 2480           | 8.5       |
| 2490           | 8.5       |
| 2500           | 8.5       |
| 5150           | 10.3      |
| 5200           | 10.2      |
| 5250           | 9.9       |
| 5300           | 9.8       |
| 5350           | 9.7       |
| 5400           | 9.4       |
| 5450           | 9.4       |
| 5500           | 9.5       |
| 5550           | 9.7       |
| 5600           | 9.8       |
| 5650           | 9.8       |
| 5700           | 10.2      |
| 5750           | 10.6      |
| 5800           | 10.1      |
| 5850           | 10.2      |

### 2.3 Radiation Pattern

|  | 2D-Horizontal | 2D-Vertical | Horizontal & Vertical |
|--|---------------|-------------|-----------------------|
|  |               |             |                       |



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