



## 6500-7200M 6.5-7.2G dual-polarized 18dBi directional antenna with two interfaces: H+V 2\*N-K

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-12051-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



### Product Specification

- Frequency: 6800-7200MHz
- VSWR: <2.0
- Peak Gain: 18dBi
- Impedance: 50



### More Images



## Product Description

2\*N female 6500-7200M 6.5-7.2G dual-polarized 18dBi directional antenna

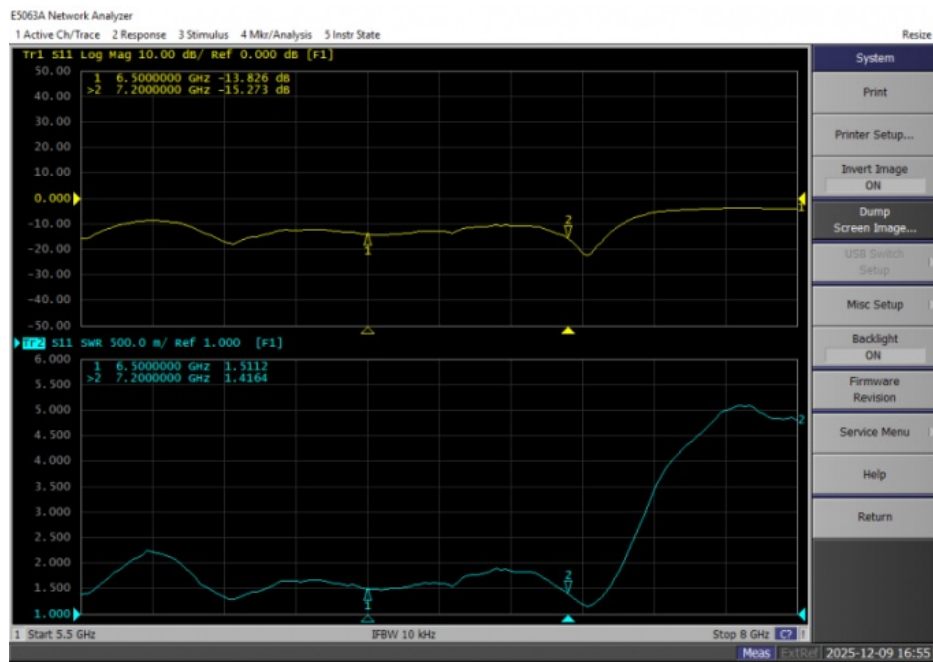
### 1. Specification

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| A. Electrical Characteristics            |                                            |
| Frequency                                | 6500-7200MHz                               |
| S.W.R.                                   | $\leq 2.0$                                 |
| Antenna Gain                             | 18dBi                                      |
| Polarization                             | H+V                                        |
| Horizontal Beamwidth                     | $18\pm 2^\circ$                            |
| Vertical Beamwidth                       | $18\pm 2^\circ$                            |
| F/B                                      | $>25\text{dB}$                             |
| Impedance                                | 50Ohm                                      |
| Max. Power                               | 50W                                        |
| B. Material & Mechanical Characteristics |                                            |
| Connector Type                           | 2*N-K                                      |
| Dimension                                | 190*190*40mm                               |
| Radome material                          | ABS white                                  |
| Weight                                   | 0.41Kg                                     |
| C. Environmental                         |                                            |
| Operation Temperature                    | $-40^\circ\text{C} \sim +85^\circ\text{C}$ |
| Storage Temperature                      | $-40^\circ\text{C} \sim +85^\circ\text{C}$ |
| Operation Humidity                       | 95%                                        |
| Rated Wind Velocity                      | 36.9m/s                                    |

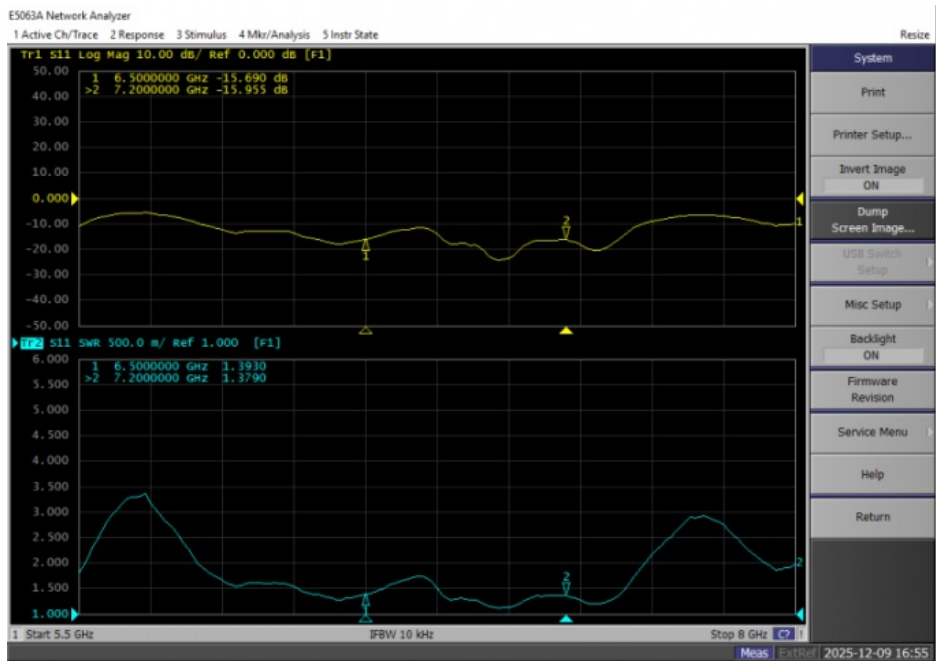
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR

##### Port 1 H



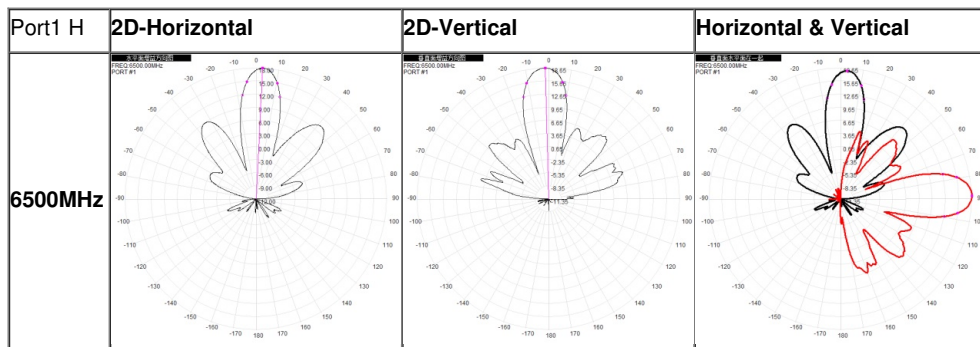
##### Port 2 V

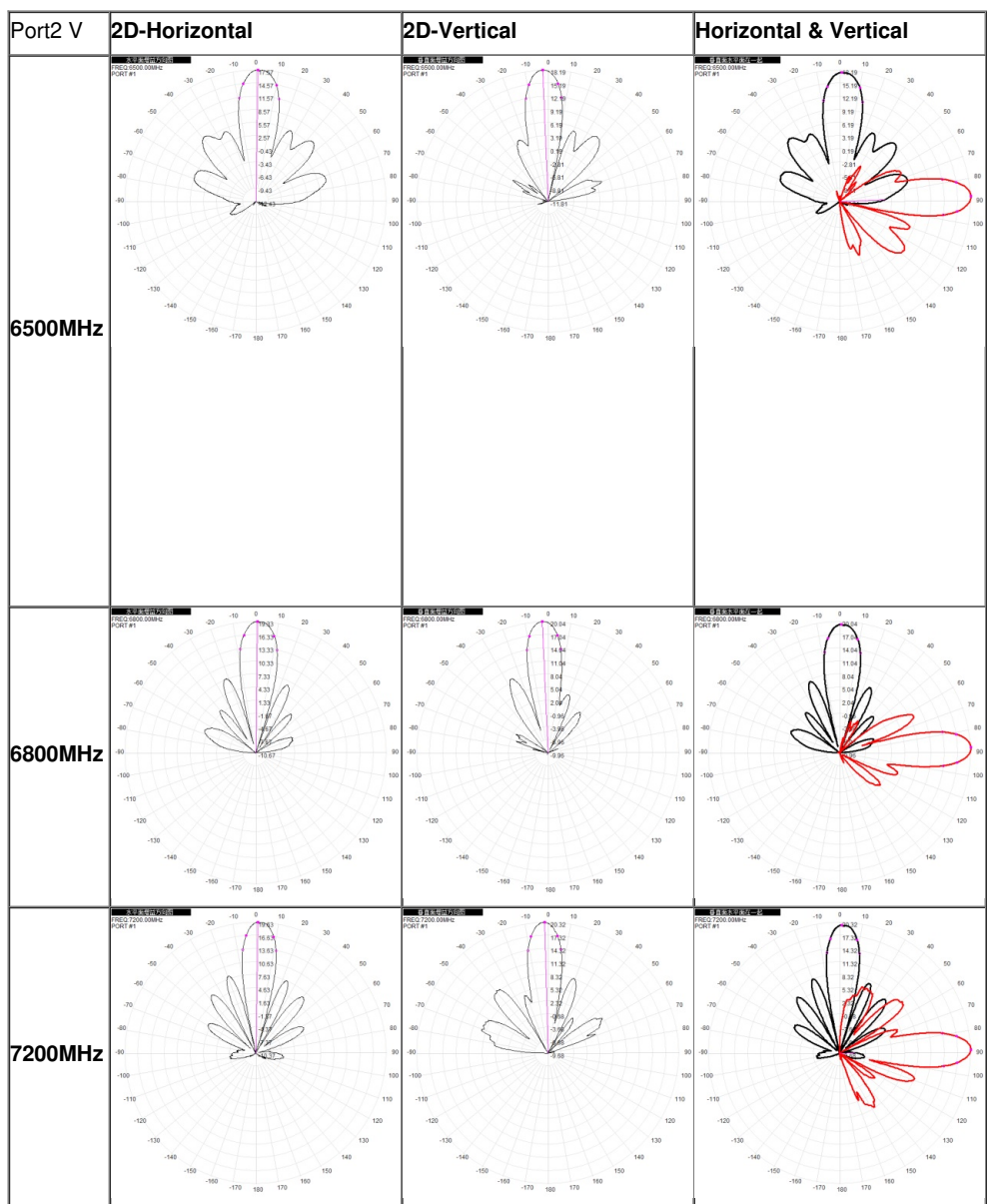
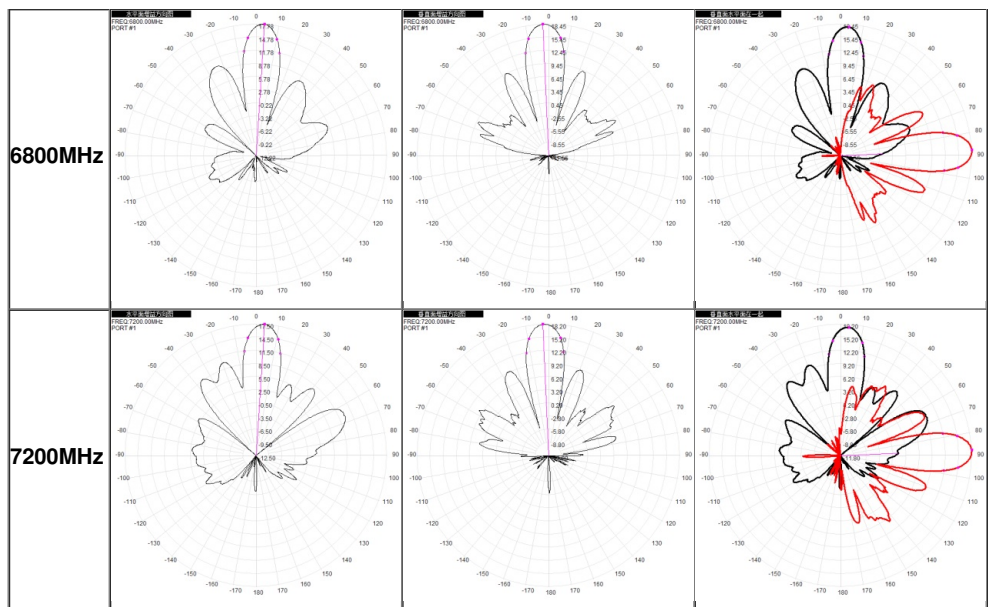


## 2.2 Total Efficiency & Gain:

| Port 1         |           | Port 2         |           |
|----------------|-----------|----------------|-----------|
| Frequency(MHz) | Gain(dBi) | Frequency(MHz) | Gain(dBi) |
| 6500           | 18.7      | 6500           | 18.2      |
| 6550           | 19.0      | 6550           | 18.4      |
| 6600           | 19.4      | 6600           | 18.9      |
| 6650           | 19.1      | 6650           | 18.7      |
| 6700           | 19.0      | 6700           | 18.8      |
| 6750           | 18.1      | 6750           | 18.6      |
| 6800           | 18.5      | 6800           | 20.0      |
| 6850           | 17.6      | 6850           | 19.5      |
| 6900           | 18.1      | 6900           | 20.1      |
| 6950           | 19.0      | 6950           | 21.0      |
| 7000           | 18.3      | 7000           | 20.9      |
| 7050           | 17.9      | 7050           | 20.6      |
| 7100           | 18.3      | 7100           | 20.9      |
| 7150           | 18.1      | 7150           | 20.4      |
| 7200           | 18.2      | 7200           | 20.3      |

## 2.3 Radiation Pattern







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