



## 5.8G 5150-5850M 5dbi WiFi plastic rod antenna drone image transmission antenna 13x196mm

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10477-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 1K per day

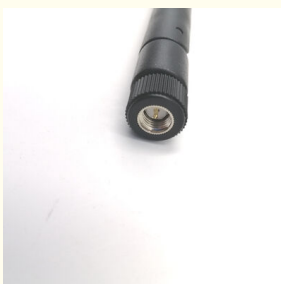


#### Product Specification

- Frequency: 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 5dBi
- Impedance: 50



#### More Images



## Product Description

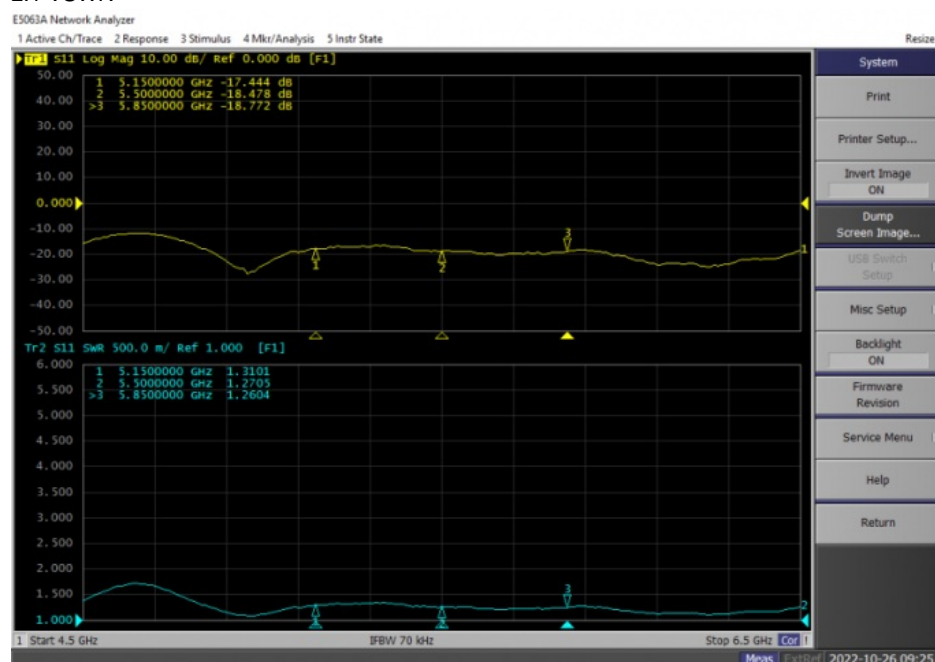
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### 1. Specification

| A. Electrical Characteristics            |                   |
|------------------------------------------|-------------------|
| Frequency                                | 5150-5850MHz      |
| Impedance                                | 50 Ohm            |
| S.W.R.                                   | <2.0              |
| Gain                                     | 5dBi              |
| Efficiency                               | ≈70%              |
| Polarization                             | Linear            |
| Max Power                                | 50W               |
| B. Material & Mechanical Characteristics |                   |
| Connector Type                           | SMA -J            |
| Dimension                                | Φ13*196mm         |
| Weight                                   | 0.025Kg           |
| Antenna material                         | ABS black         |
| C. Environmental                         |                   |
| Operation Temperature                    | - 40 °C ~ + 80 °C |
| Storage Temperature                      | - 40 °C ~ + 80 °C |

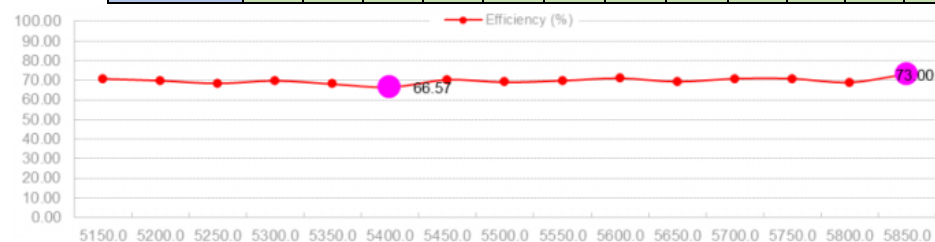
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR



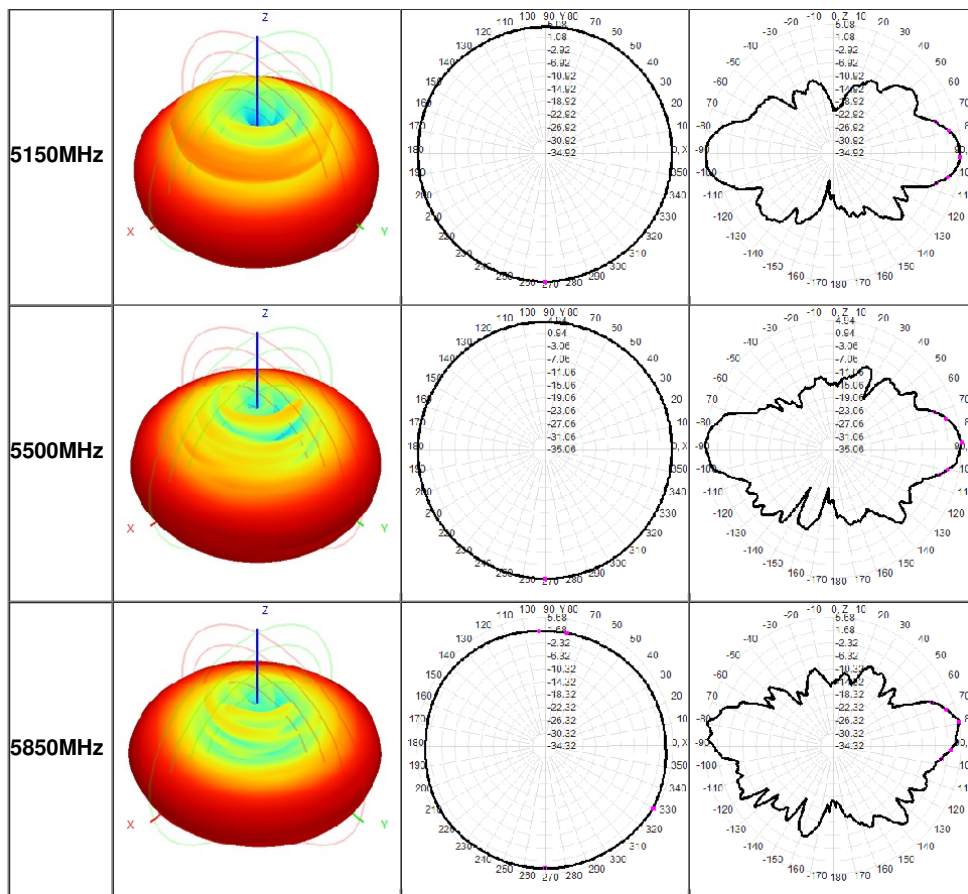
#### 2.2 Total Efficiency & Gain

| Frequency (MHz) | 5150  | 5200  | 5250  | 5300  | 5350  | 5400  | 5450  | 5500  | 5550  | 5600  | 5650  | 5700  | 5750  | 5800  | 5850  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gain (dBi)      | 5.09  | 5.13  | 4.91  | 4.89  | 4.72  | 4.69  | 5.06  | 4.95  | 4.99  | 5.10  | 4.96  | 5.36  | 5.64  | 5.49  | 5.70  |
| Efficiency (%)  | 70.65 | 69.80 | 68.43 | 69.74 | 68.13 | 66.57 | 70.20 | 69.00 | 69.76 | 70.92 | 69.32 | 70.73 | 70.78 | 68.96 | 73.00 |



#### 2.2 Radiation Pattern

|  | 3D | 2D-Horizontal | 2D-Vertical |
|--|----|---------------|-------------|
|  |    |               |             |



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