SMA-J 2.4/5.8G 2400-2500/5150-5850M 5dbi omnidirectional Wi-Fi Bluetooth ZigBee plastic rod-shaped antenna 13x196mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10467-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 1K per day

Product Specification

- Frequency: 2400-2500/5150-5850M
- VSWR: <2
- Peak Gain: 5dBi
- Impedance: 50

## More Images

Product Description

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1. Specification

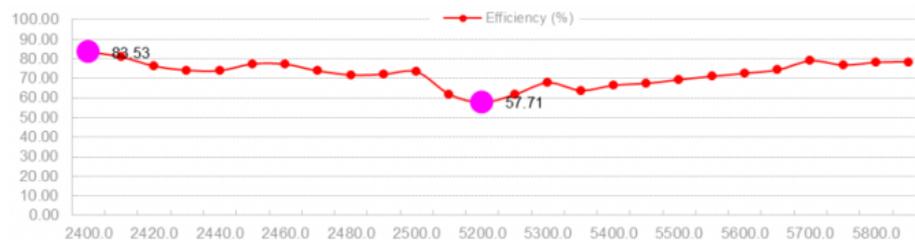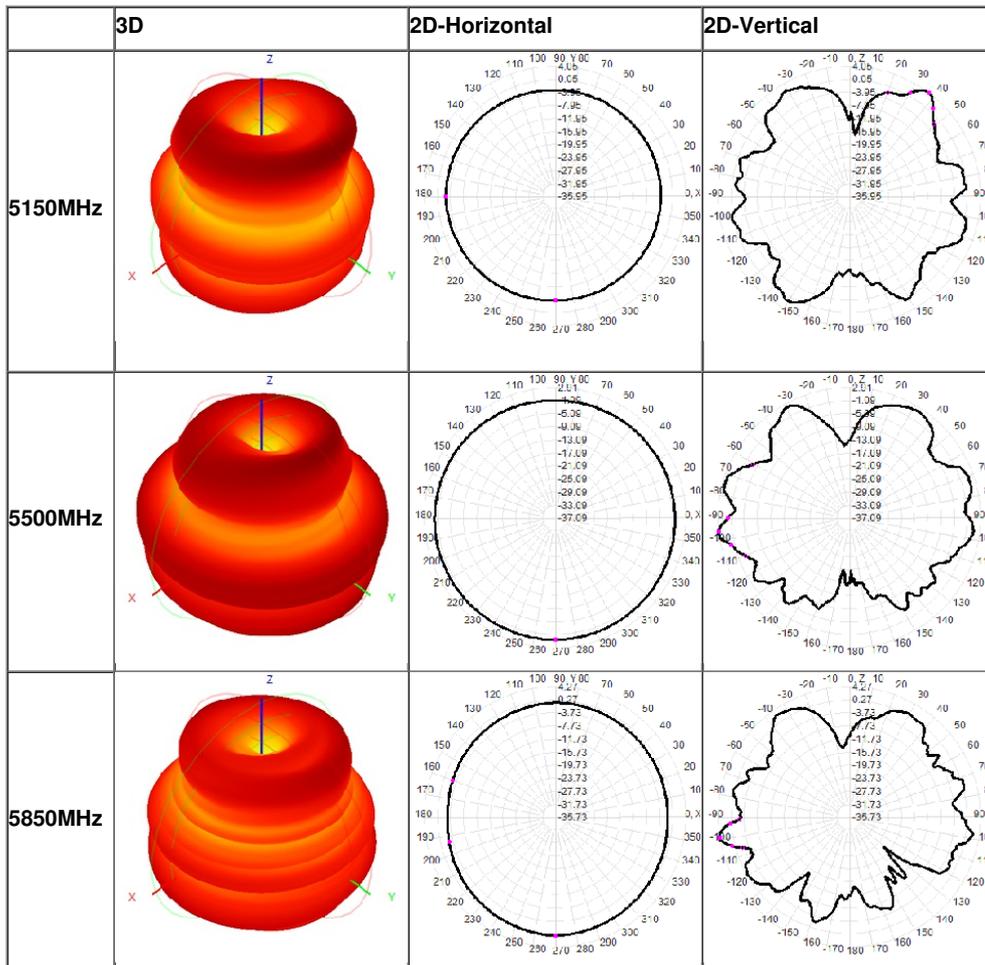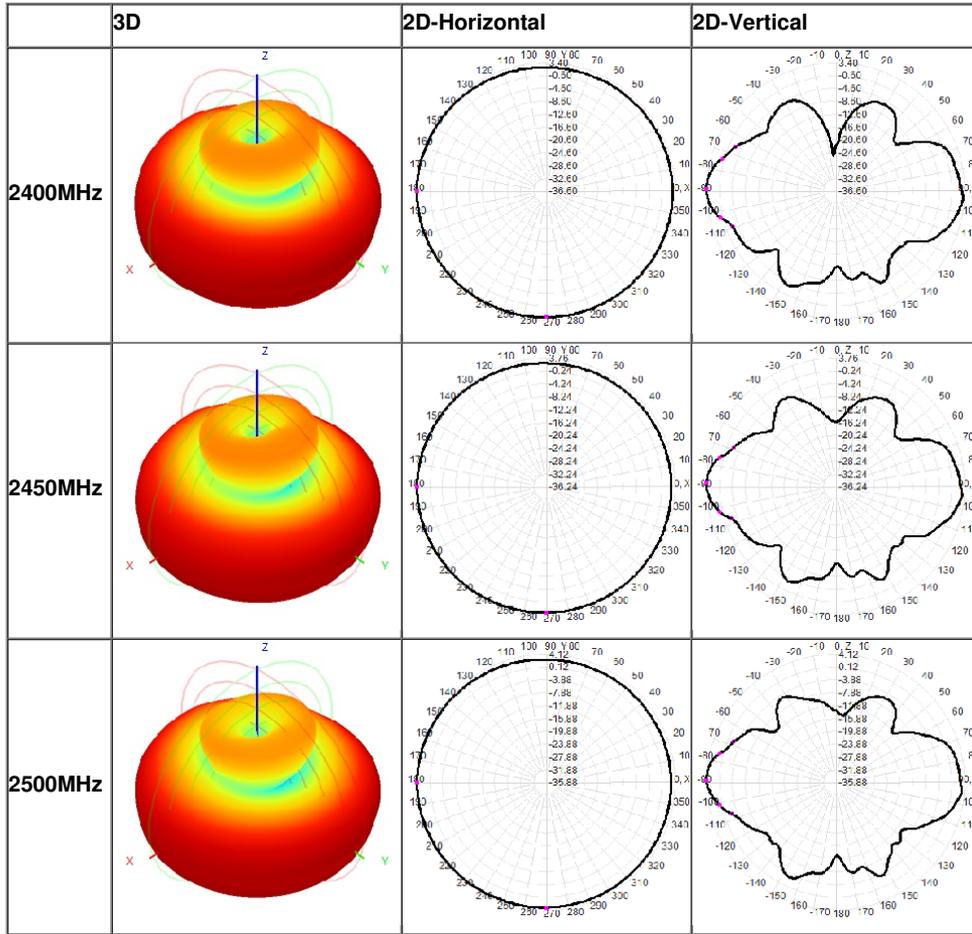| A. Electrical Characteristics	
Frequency	2400-2500/5150-5850MHz
Impedance	50 Ohm
S.W.R.	<2
Gain	5dBi
Efficiency	≈70%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	35±5°
B. Material & Mechanical Characteristics	
Connector Type	SMA-J
Dimension	Φ13*196mm
Weight	0.02Kg
Radome material	PBT+PC **Black**
C. Environmental	
Operation Temperature	- 40 ˚C ~ + 85˚C
Storage Temperature	- 40 ˚C ~ + 85˚C

2. Antenna - S Parameter Test Data

2.1 VSWR
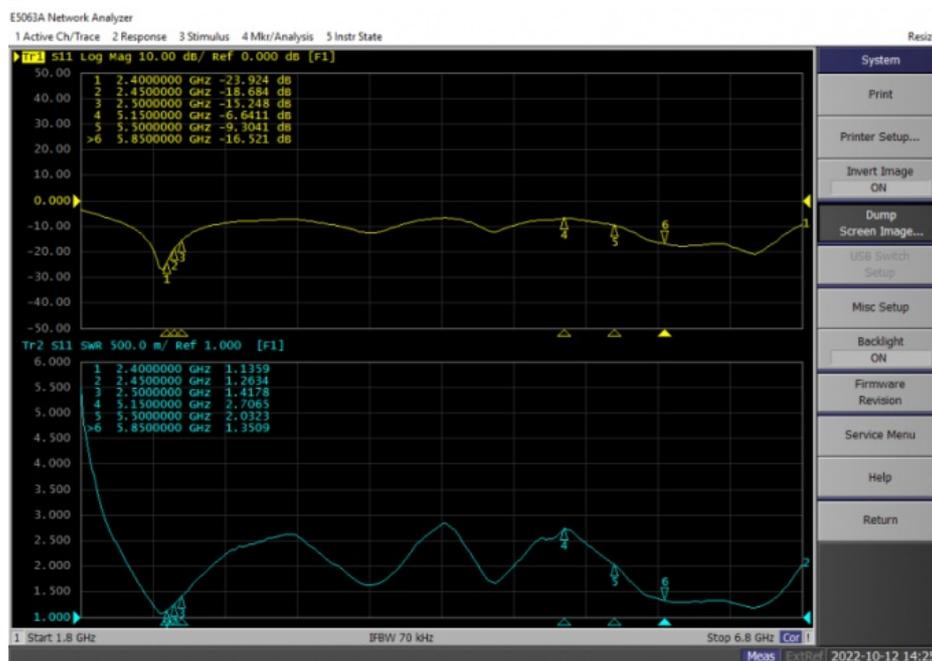
2.2 Total Efficiency & Gain:

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	3.57	3.50	3.30	3.17	3.20	3.41	3.44	3.28	3.22	3.28	3.39
Efficiency (%)	83.53	80.98	76.31	74.15	74.02	77.39	77.22	73.80	71.77	72.10	73.32

Frequency (MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700	5750	5800	5850
Gain (dBi)	4.23	4.05	4.14	4.06	3.28	2.80	2.29	1.91	1.55	1.38	1.31	1.55	1.51	1.62	1.83
Efficiency (%)	61.80	57.71	61.85	67.78	63.82	66.47	67.47	69.39	71.08	72.60	74.42	78.95	76.81	78.19	78.37

2.3 Radiation Pattern

	3D	2D-Horizontal	2D-Vertical
2400MHz			
2450MHz			
2500MHz			

	3D	2D-Horizontal	2D-Vertical
5150MHz			
5500MHz			
5850MHz			

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