



RP SMA-J 2.4/5.8G 2400-2500/5150-5850M 3dbi omnidirectional Wi-Fi Bluetooth ZigBee plastic rod-shaped antenna 10x109mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10459-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 2400-2500/5150-5850M
- VSWR: <2
- Peak Gain: 3dBi
- Impedance: 50
- Highlight: **RP SMA-J omnidirectional Wi-Fi antenna,
2.4/5.8GHz plastic rod antenna,
Bluetooth ZigBee indoor antenna**



More Images



Product Description

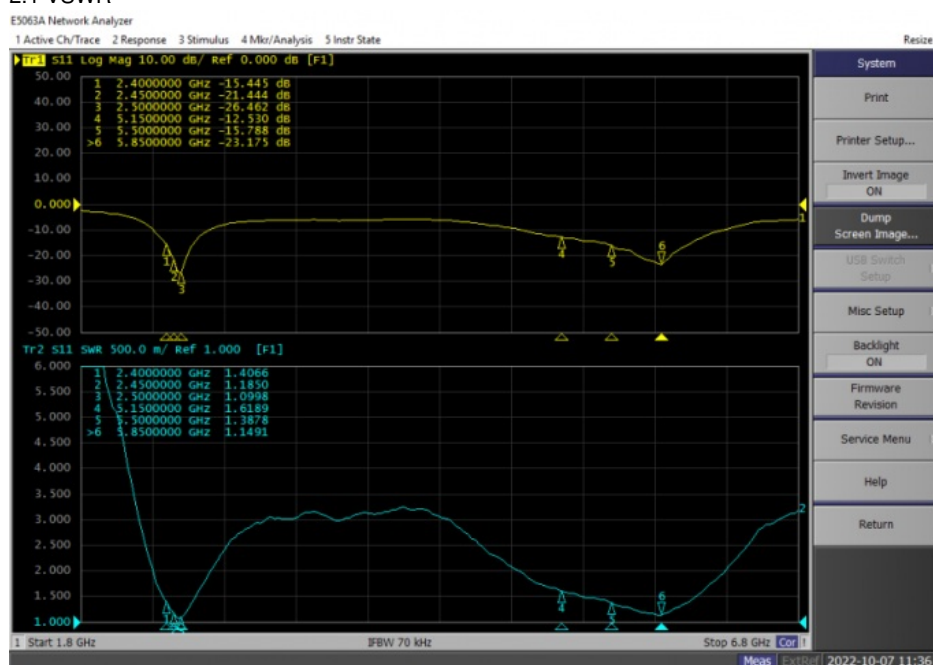
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1. Specification

A. Electrical Characteristics	
Frequency	2400-2500/5150-5850MHz
Impedance	50 Ohm
S.W.R.	<2
Gain	3dBi
Efficiency	≈65%
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	40±5°
B. Material & Mechanical Characteristics	
Connector Type	RP-SMA-J
Dimension	Φ10*109mm
Weight	0.01Kg
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

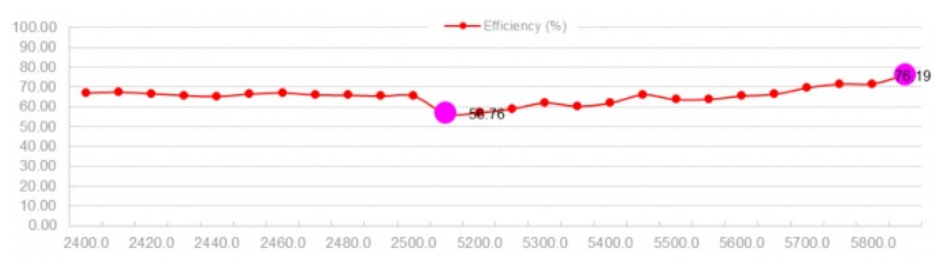
2.1 VSWR



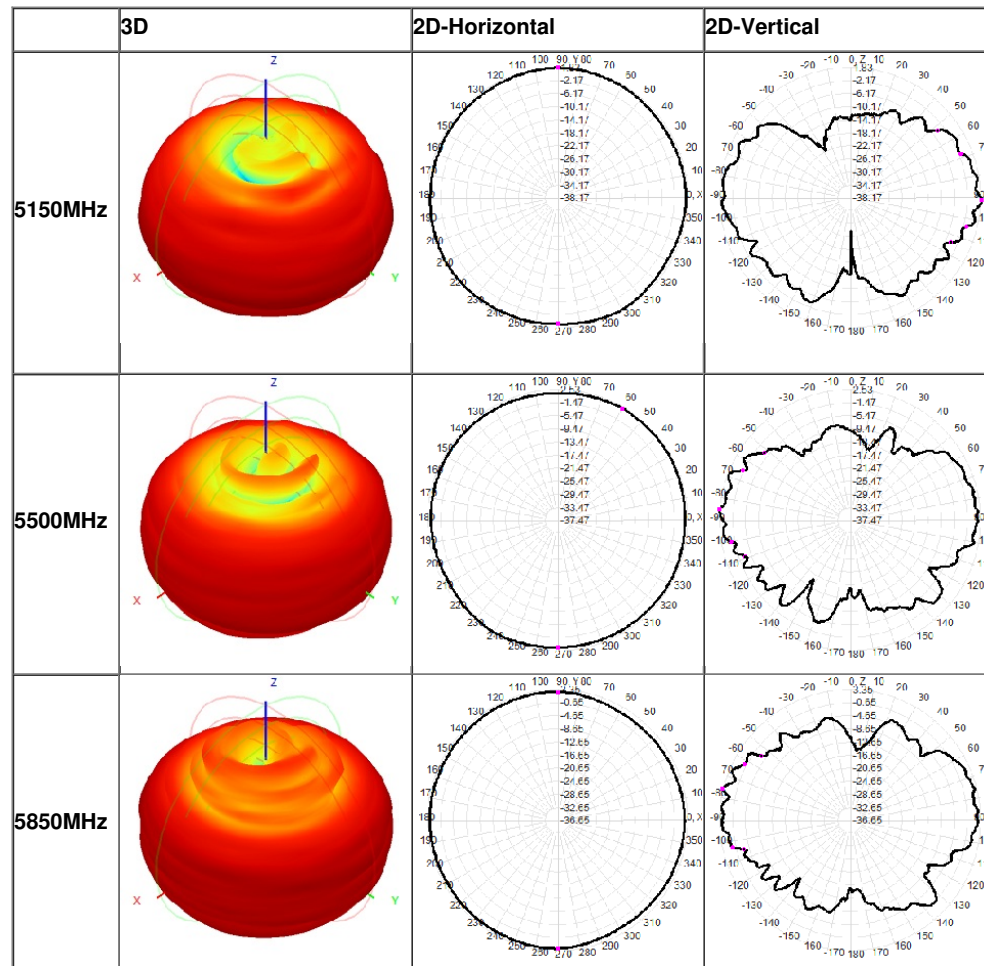
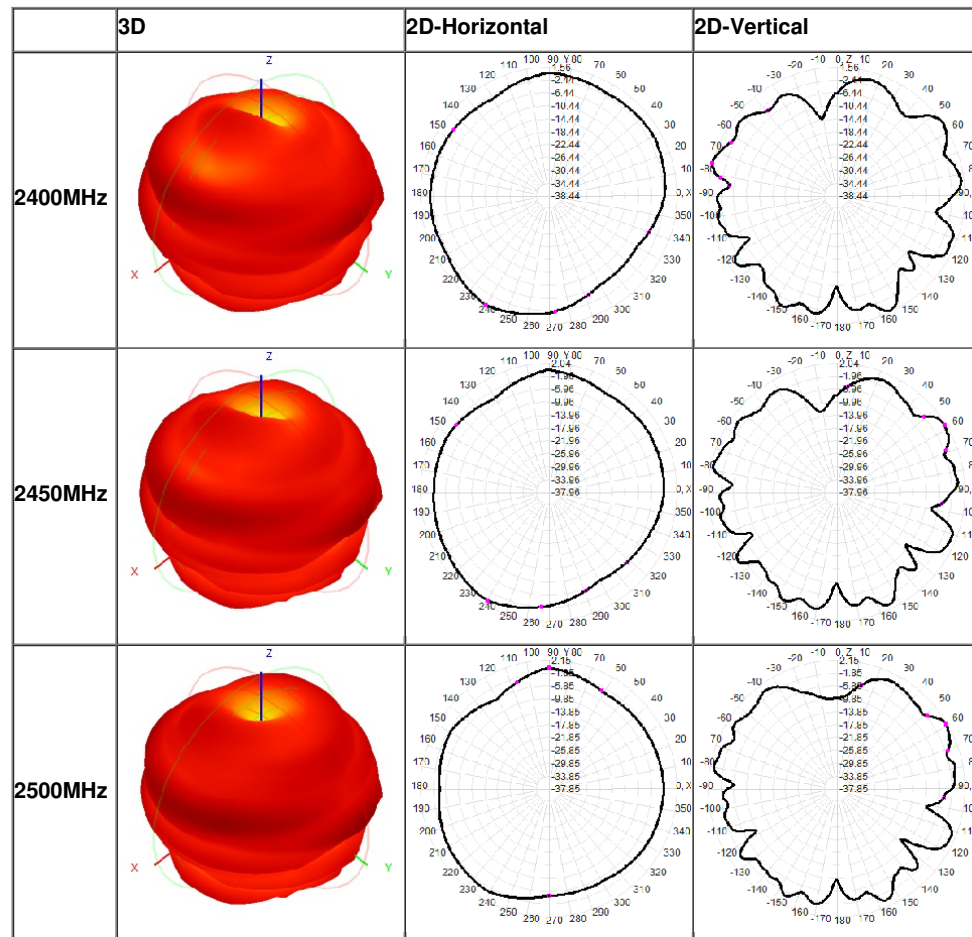
2.2 Total Efficiency & Gain:

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)	2.67	2.63	2.59	2.62	2.69	2.70	2.59	2.40	2.48	2.60	2.56
Efficiency (%)	67.13	67.52	66.78	65.84	65.36	66.56	67.15	66.13	65.99	65.52	65.54

Frequency (MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700	5750	5800	5850
Gain (dBi)	1.84	1.89	2.03	2.33	2.21	2.37	2.72	2.68	2.64	2.81	2.89	2.95	3.11	3.14	3.35
Efficiency (%)	56.76	57.26	59.14	62.14	60.51	62.11	66.22	63.83	63.98	65.57	66.46	69.67	71.63	71.69	76.19



2.3 Radiation Pattern





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