



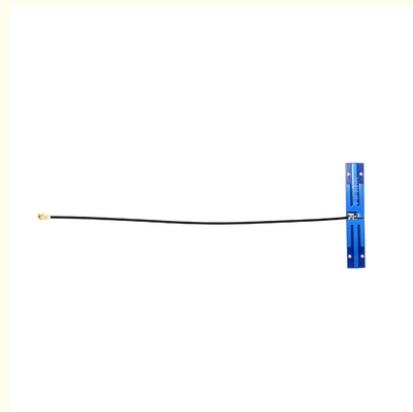
2.4G 5.8G Dual-Band Wifi Bluetooth Built-In Laptop Antenna IPEX-1 Omnidirectional High-Gain 3dbi PCB Antenna

Our Product Introduction

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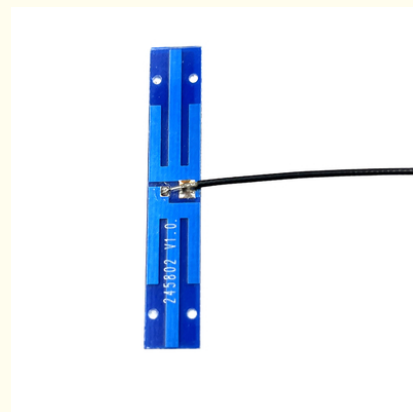
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10793-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day

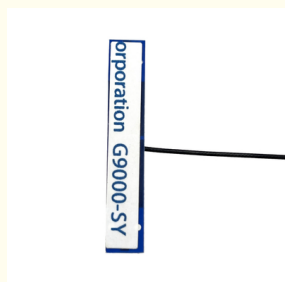


Product Specification

- Frequency: 2400-2500MHz; 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 3dBi
- Impedance: 50 OHM
- Highlight: 2.4G PCB antenna, high-gain PCB antenna, 3dbi PCB antenna



More Images



Product Description

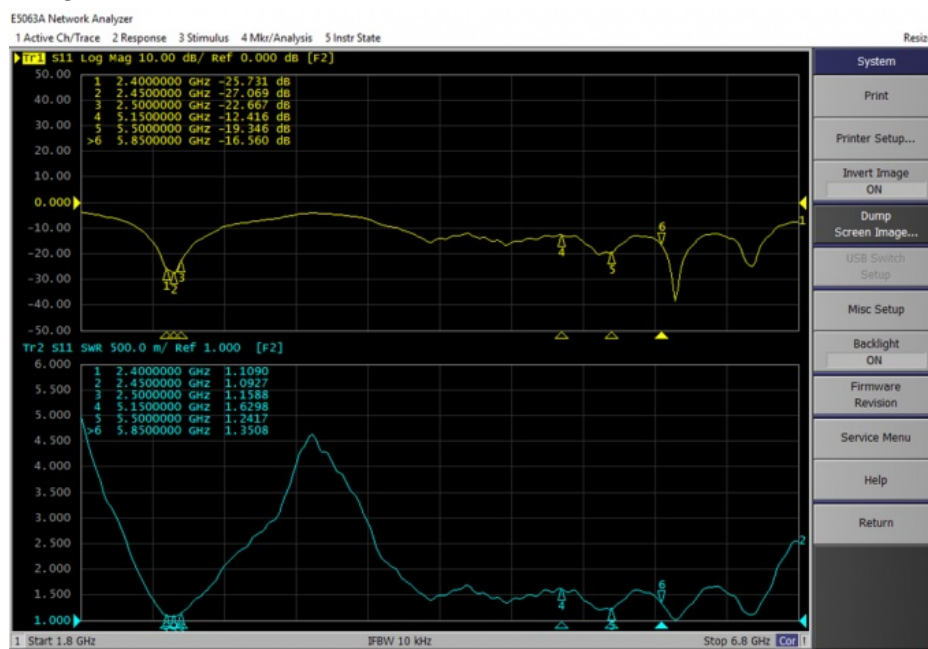
2.4G/5.8G dual-band wifi Bluetooth built-in laptop antenna IPEX-1 omnidirectional high-gain 3dbi PCB antenna

1. Specification

A. Electrical Characteristics		
Frequency	2400-2500MHz	5150-5850MHz
S.W.R.	<= 2.0	<= 2.0
Antenna Gain	2dBi	3dBi
Efficiency	≈75%	≈66%
Polarization	Linear	Linear
Horizontal Beamwidth	360°	360°
Vertical Beamwidth	89-94°	45-65°
Impedance	50 Ohm	
Max Power	50W	
B. Material & Mechanical Characteristics		
Cable Type	RF1.13 Cable	
Connector Type	MHF1 Plug	
Dimension	51.5*9mm	
Weight	0.001Kg	
C. Environmental		
Operation Temperature	- 40 °C ~ + 65 °C	
Storage Temperature	- 40 °C ~ + 80 °C	

2. Antenna - S Parameter Test Data

2.1 VSWR

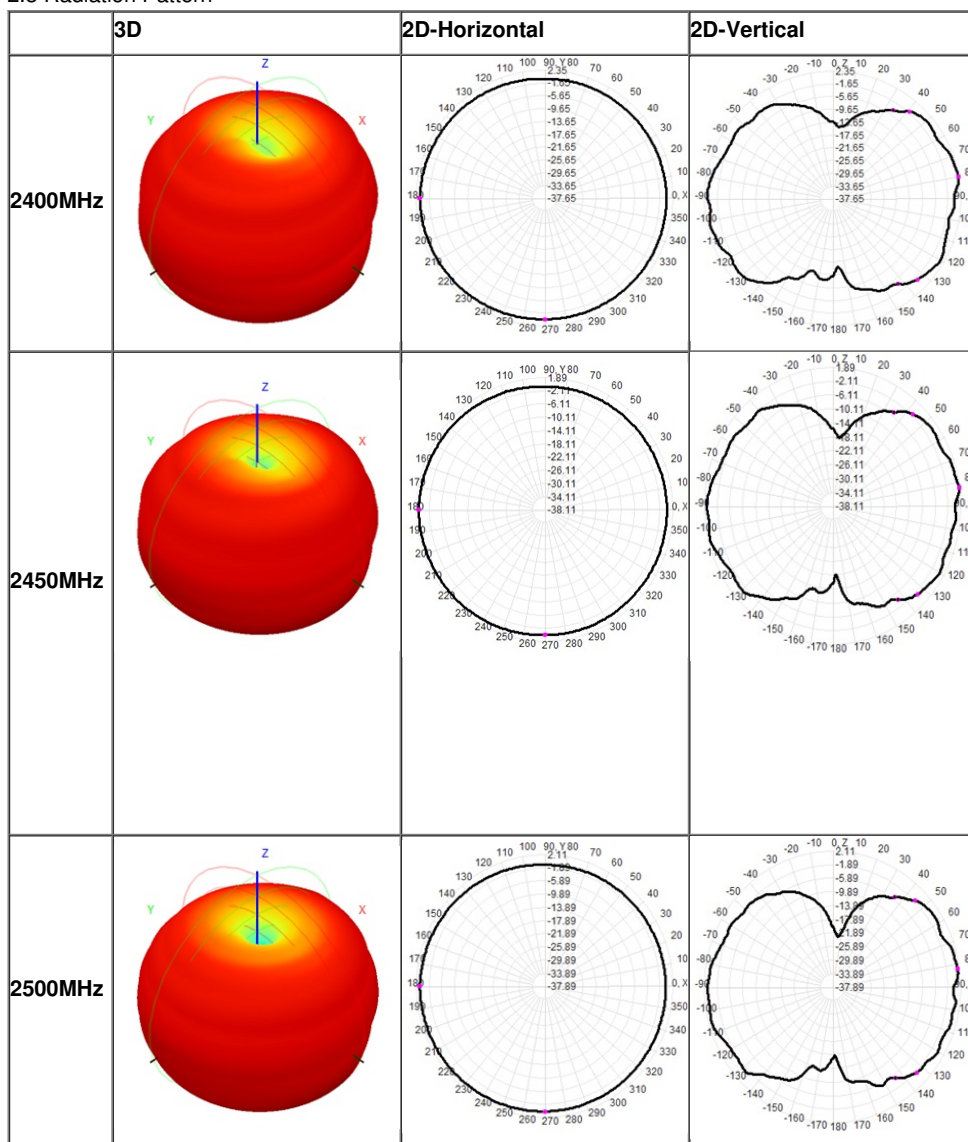


2.2 Total Efficiency & Gain:

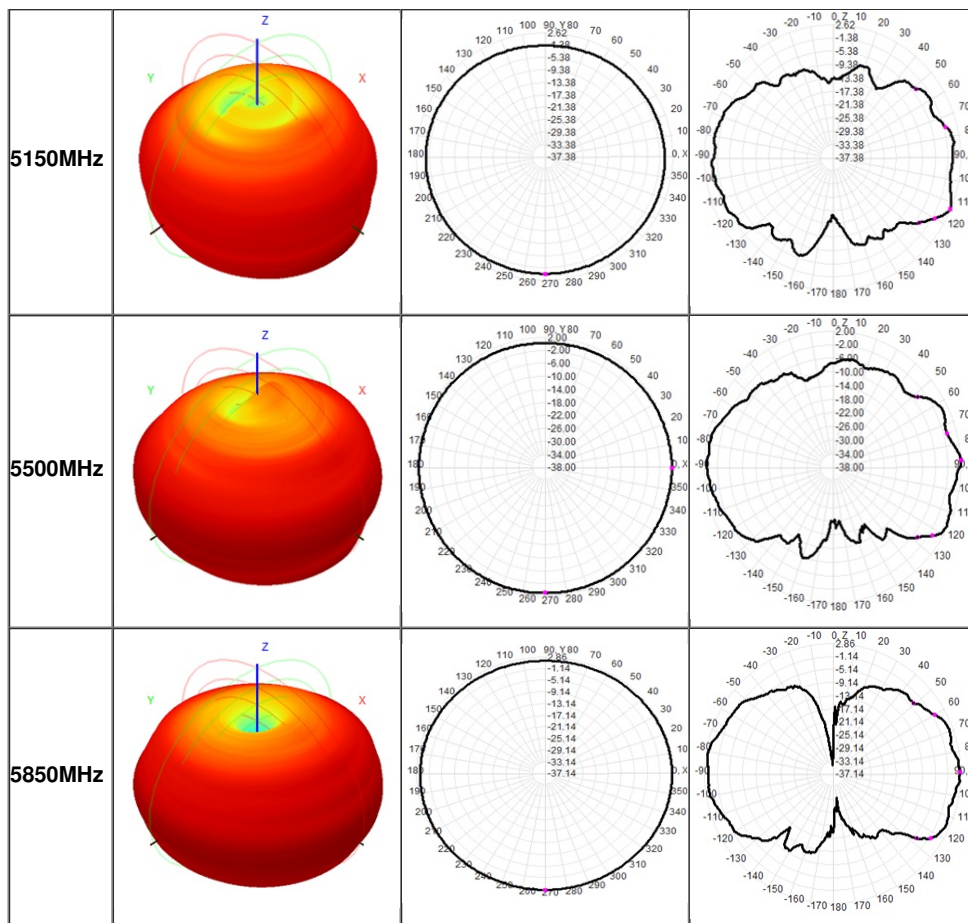
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	2.3	80.6
2410	2.2	77.8
2420	1.9	74.5
2430	1.8	73.0
2440	1.7	72.8
2450	1.9	74.7
2460	2.0	76.8
2470	2.0	76.4
2480	1.9	72.7
2490	1.9	71.1
2500	2.1	74.0
5150	2.6	60.6
5200	2.6	60.0

5250	2.6	62.7
5300	2.7	68.6
5350	2.5	68.7
5400	2.3	65.1
5450	2.2	66.3
5500	2.0	64.5
5550	2.0	63.5
5600	1.9	63.3
5650	1.9	65.4
5700	1.8	63.7
5750	2.3	69.5
5800	2.7	75.0
5850	2.9	77.2

2.3 Radiation Pattern



5.8G	3D	2D-Horizontal	2D-Vertical



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