

Lingjie V8B Wireless Mouse



# Lingjie V8B Wireless Mouse User Manual

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lingjie

Lingjie V8B Wireless Mouse



Specifications

ITEM	SPEC.
Antenna Type	PCB Antenna
Center Frequency	2402 MHz (2.34 dB) 2441 MHz (2.07 dB) 2480 MHz (1.45 dB)
MAX. GAIN	2.34 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohms
Antenna Length	3.1cm

Product Usage Instructions

Installation

1. Attach the PCB antenna to your device using the provided connectors.
2. Ensure the antenna is placed in a location with minimal obstructions for optimal signal reception.

Adjustment

1. Fine-tune the antenna orientation for the best signal strength.
2. Experiment with different placements to find the ideal position for the antenna.

Maintenance

- 1. Periodically check the antenna connections for any looseness or damage.
- 2. Clean the antenna surface gently with a soft cloth to remove any dust or debris.

Frequently Asked Questions (FAQ)

**Q: How do I know if the antenna is functioning correctly?**

- **A:** You can test the antenna by checking the signal strength on your device and comparing it to known benchmarks.

**Q: Can the antenna be used outdoors?**

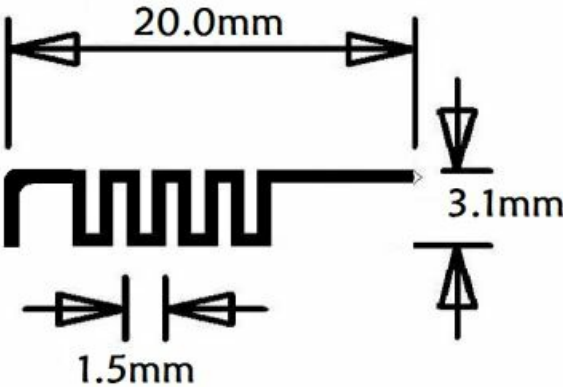
- **A:** While the antenna is designed for indoor use, it can also be used outdoors with proper protection from harsh weather conditions.

Specifications

Summary

ITEM	SPEC.	
Antenna Type	PCB Antenna	
Center Frequency	2402 MHz 2441 MHz 2480 MHz	2.34 dBi 2.07dBi  1.45 dBi
MAX. GAIN	2.34 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	3.1cm	

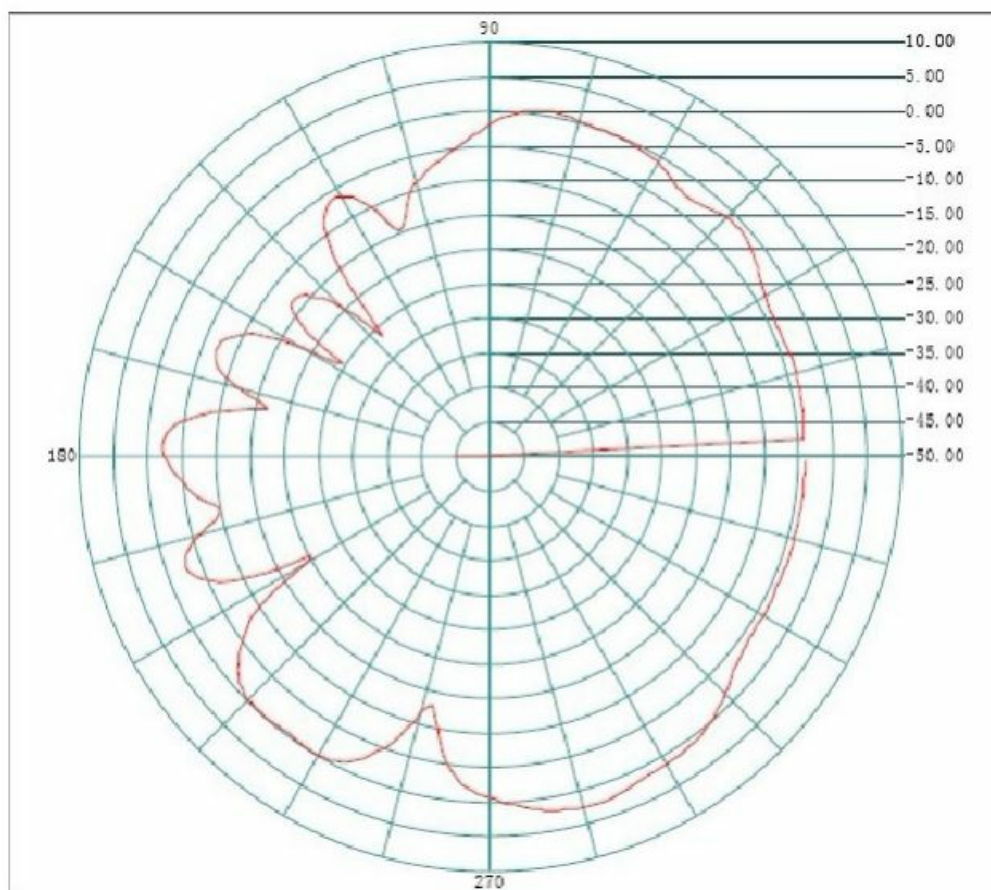
Antenna Photo & Length (mm)



Test Address	16 Tzu Chiang Road, Hsinchu Industrial District Hsinchu Hsien 303, Taiwan
Test Date	2009-04-14
Test Instrument	vector network analyzer – R&S ZVB20

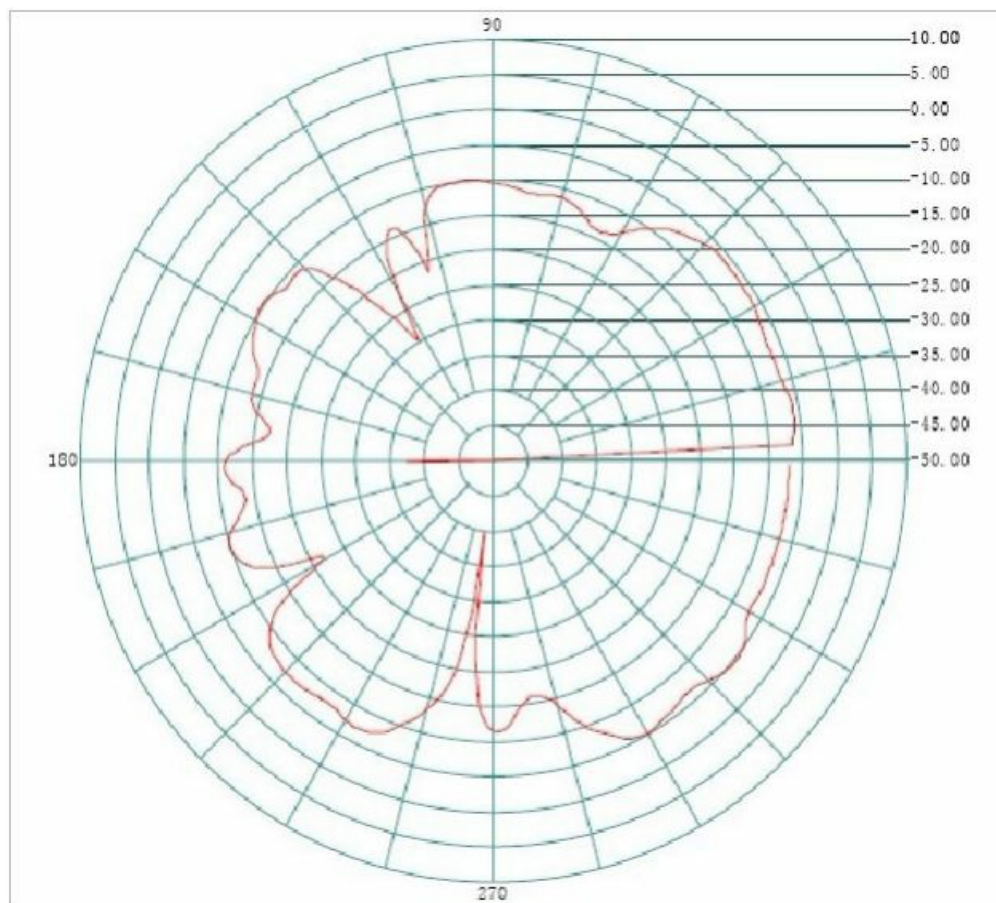
## Frequency

- Main antenna: 2402 MHz



- Frequency(MHZ): 2402
- Maximum Value(dBi): 2.34
- Average Gain(dBi) : -2.48
- Minimum Gain(dBi): -55.18
- Antenna Polarity: Horizontal

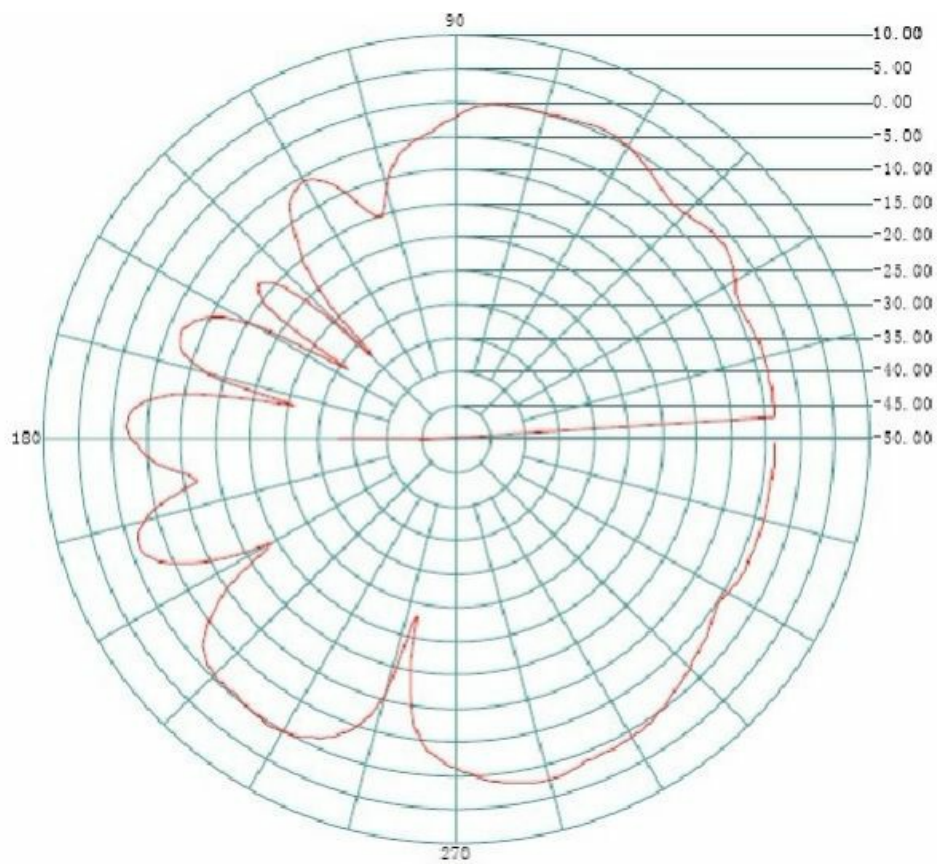
## Vertical



- **Frequency(MHZ):** 2402
- **Maximum Value(dBi):** -4.51
- **Average Gain(dBi) :** -8.98
- **Minimum Gain(dBi):** -62.3
- **Antenna Polarity:** Vertical

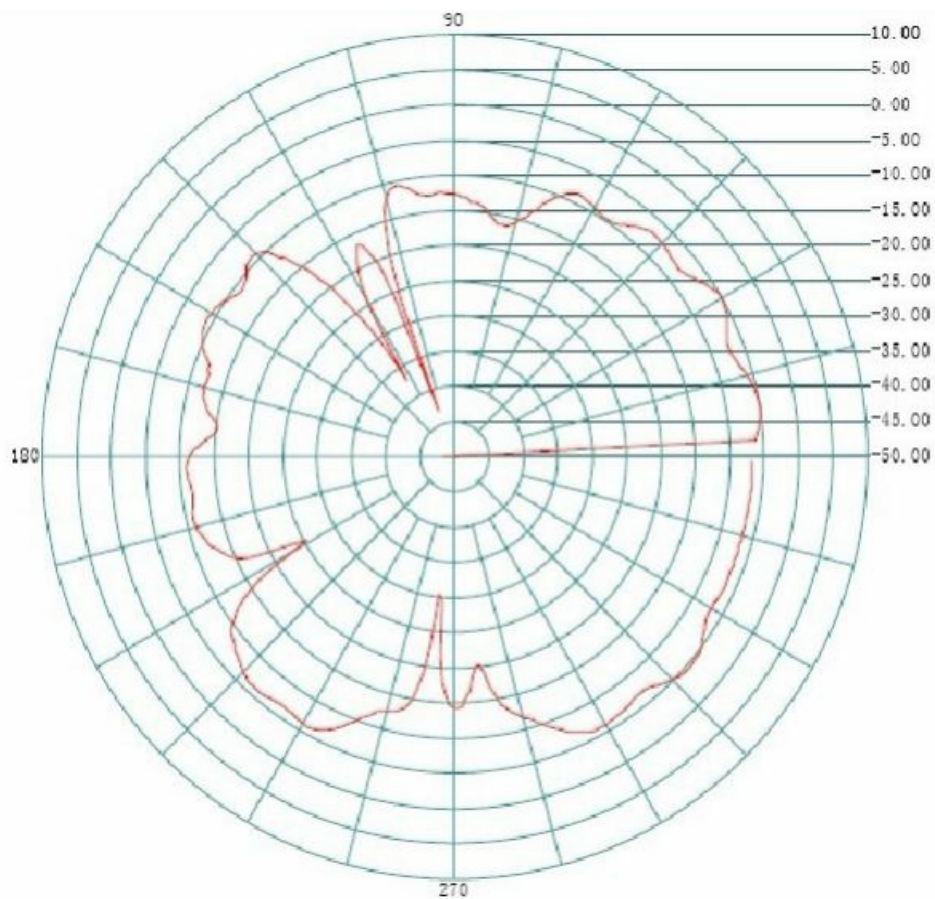
**Main antenna: 2441 MHz**

- **Horizontal**



- **Frequency(MHZ):** 2441
- **Maximum Value(dBi):** 2.07
- **Average Gain(dBi) :** -2.54
- **Minimum Gain(dBi):** -66.98
- **Antenna Polarity:** Horizontal

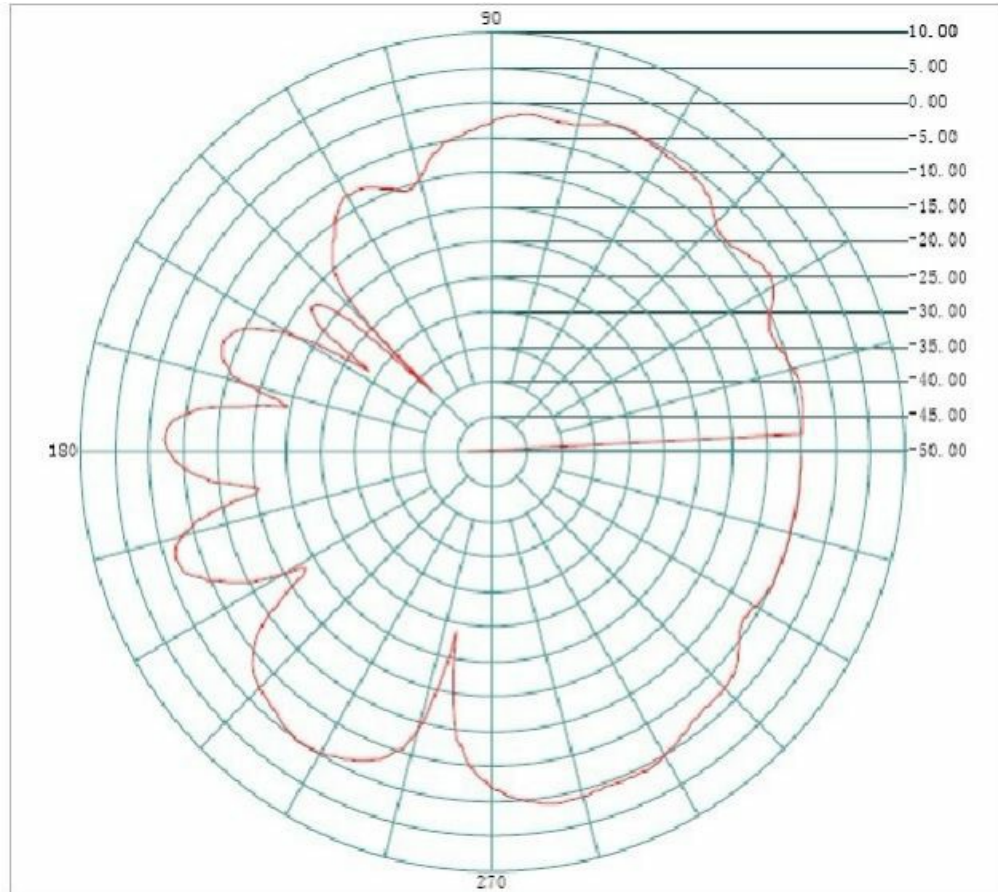
#### Vertical



- **Frequency(MHZ):** 2441
- **Maximum Value(dBi):** -4.29
- **Average Gain(dBi) :** -8.81
- **Minimum Gain(dBi):** -51.4
- **Antenna Polarity:** Vertical

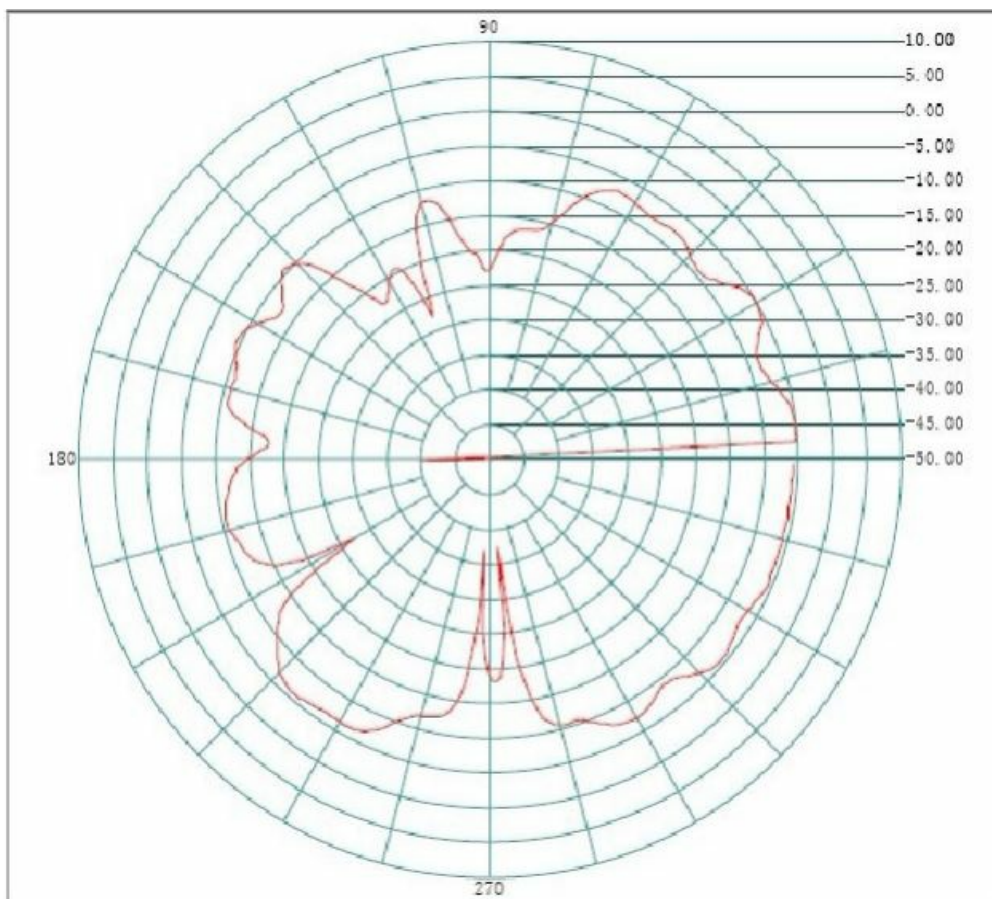
**Main antenna: 2480 MHz**

- **Horizontal**



- **Frequency(MHZ):** 2480
- **MaximumValue(dBi):** 1.45
- **Average Gain(dBi) :** -3.34
- **Minimum Gain(dBi):** -53.4
- **Antenna Polarity:** Horizontal

**Vertical**



- **Frequency(MHZ):** 2480
- **Maximum Value(dBi):** -4.95
- **Average Gain(dBi) :** -9.06
- **Minimum Gain(dBi):** -60.00
- **Antenna Polarity:** Vertical

## Documents / Resources

	<p><a href="#">Lingjie V8B Wireless Mouse</a> [pdf] User Manual V8B Wireless Mouse, V8B, Wireless Mouse, Mouse</p>
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## References

- [User Manual](#)