



Shenzhen Jiexuntong Wireless Technology Co., Ltd

Antenna Specification Sheet

Customer Name:

Project Model: 4G bolt

Antenna Specifications: WIFI antenna

Date Of Issue: 2025-6-28



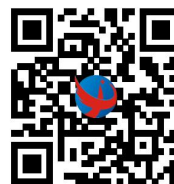
CATALOGUE

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Contact Number: 0755-23731203



Website: <http://www.jxtant.com>



1. Antenna Picture



2. Testing Environment

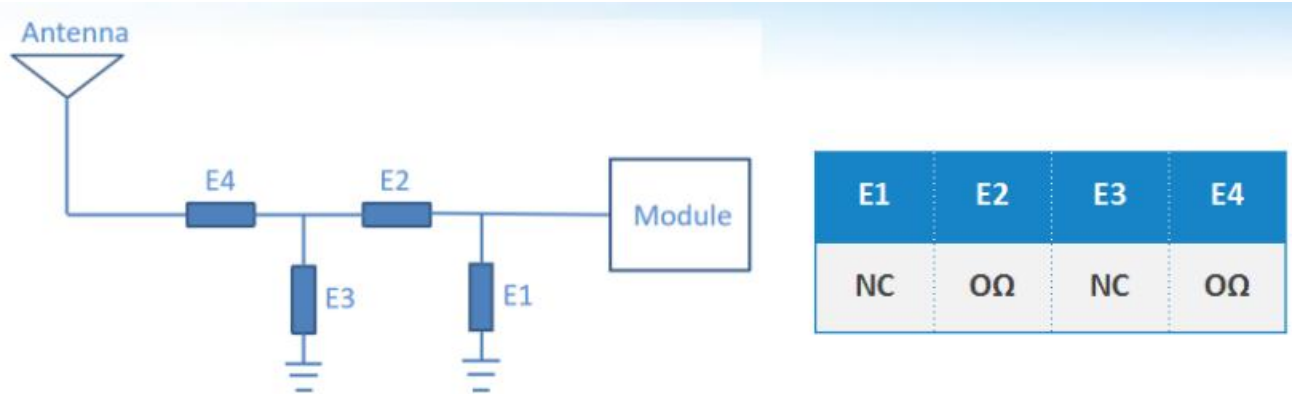
2.1. Environmental Treatment

No



3. Antenna Matching

3.1. Antenna



Our company has not made any changes to the original antenna front-end matching.

4. Product Specifications

Passive Electrical Specifications

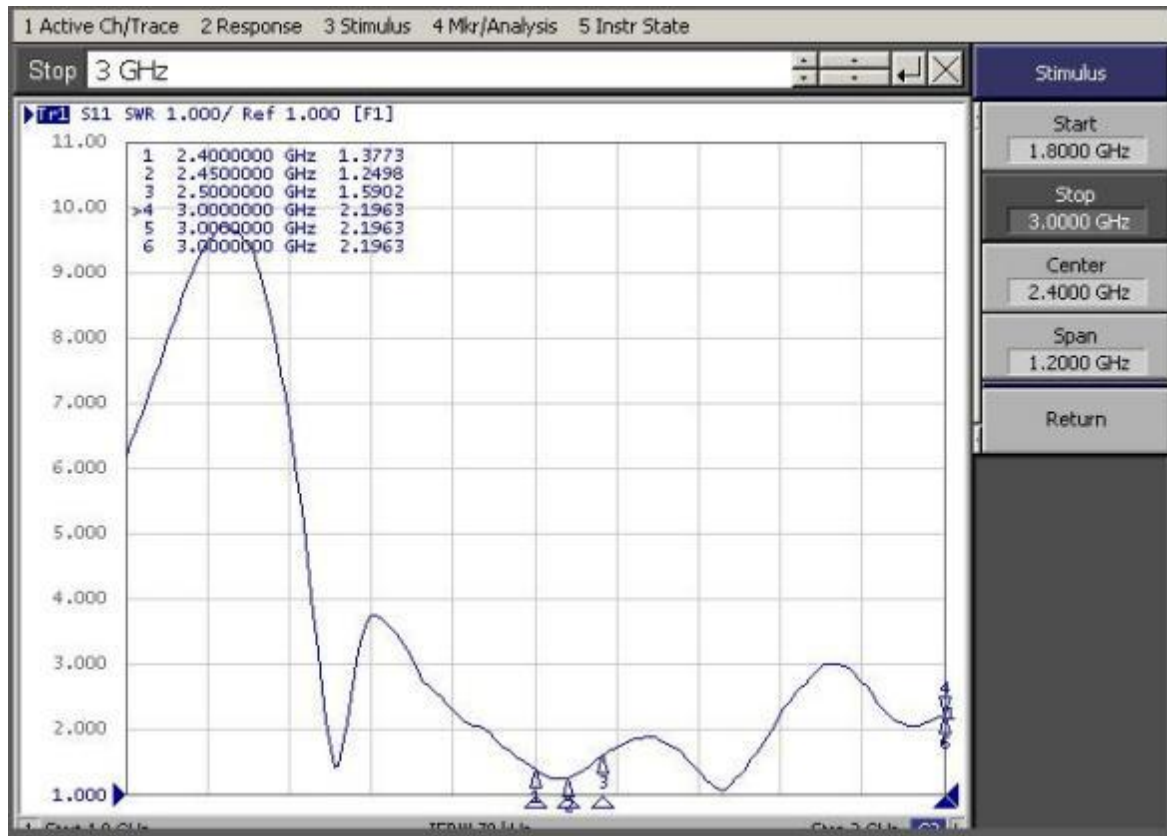
Frequency Range (MHz)	2400-2500MHZ
Input Impendence (Ω)	50
VSWR	≤ 2
Gain (dBi)	$< 3.5\text{dBi}$
Polarization Type	linearly polarized

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5. Electrical Performance Report

- VSWR



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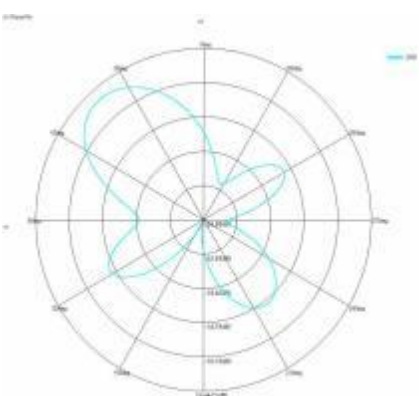
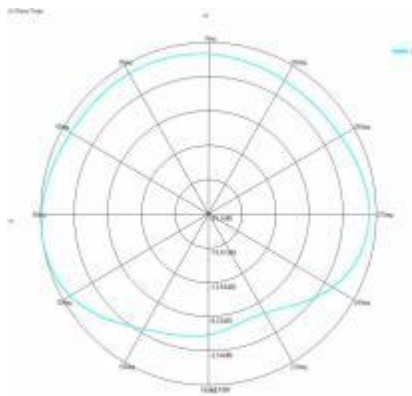
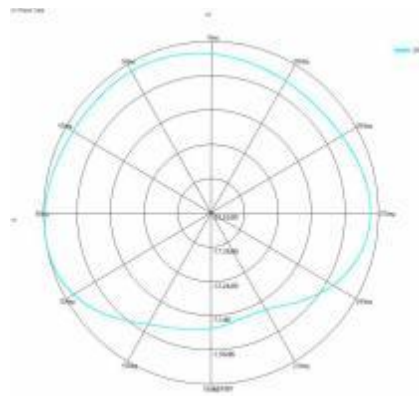
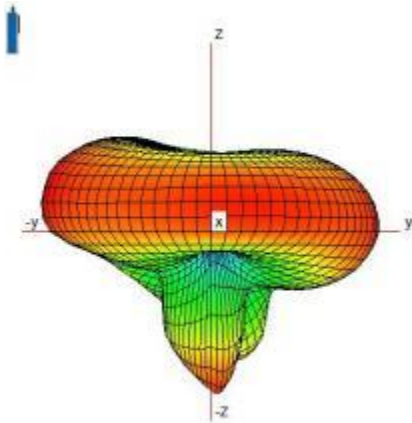
- Efficiency
- Gain

Freq (MHz)	Gain(dBi)	Efficiency (dB)	Efficiency (%)
2400	3.062146218	-2.513718321	56.05678263
2410	2.497631896	-2.75636951	53.01064018
2420	2.20656113	-3.105871496	52.91171045
2430	2.408596364	-3.164729397	52.25330451
2440	2.247190189	-3.194727805	51.92114866
2450	2.174093375	-3.076926469	53.23878786
2460	2.381141435	-3.198098583	51.88396908
2470	2.040680093	-3.202109263	51.83976898
2480	2.097328917	-3.093463255	53.05165607
2490	1.886665263	-3.026631104	53.81233379
2500	2.296801844	-3.116483322	52.79234237



- Antenna Radiation Pattern

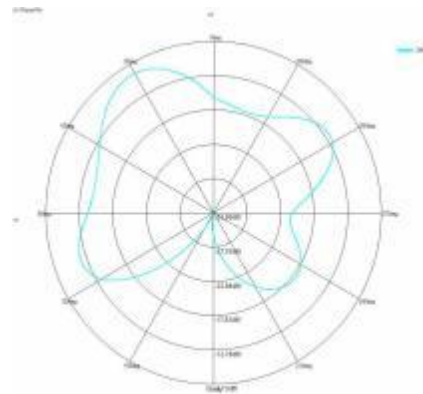
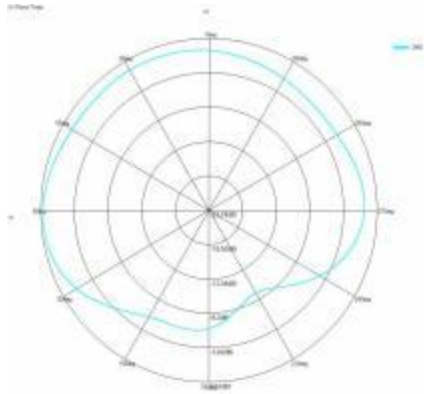
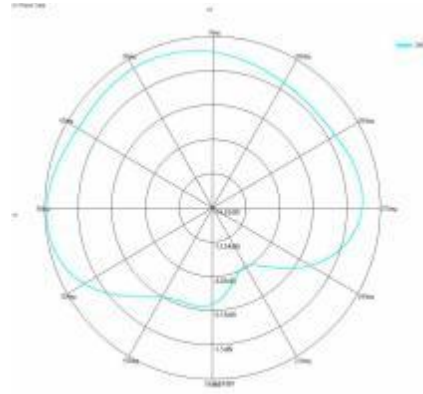
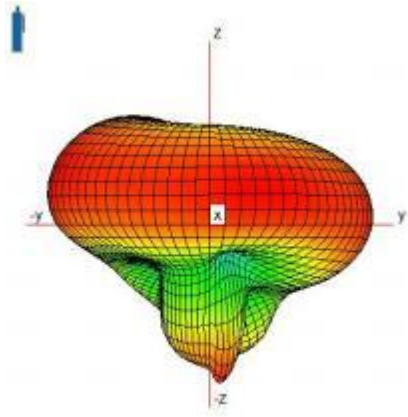
2400MHZ



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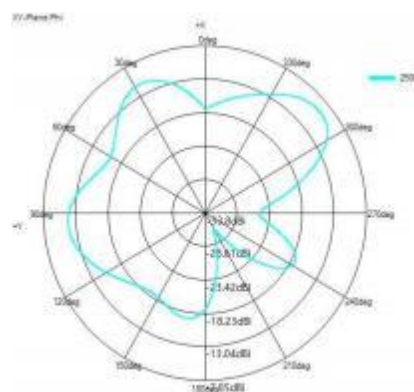
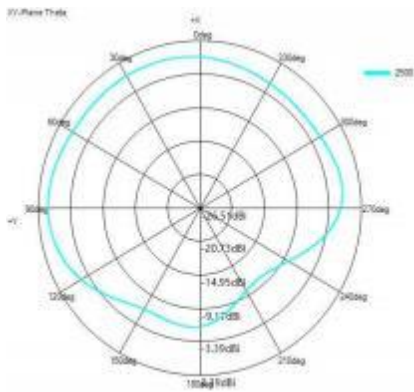
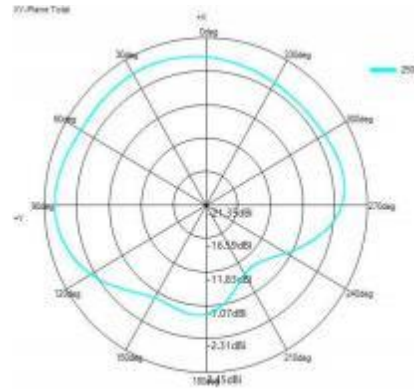
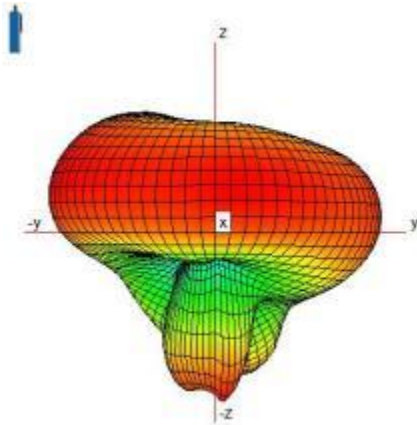
2450MHZ



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2500MHZ



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6. Engineering Drawings

