



Shenzhen Jiexuntong Wireless Technology Co., LTD

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Antenna acknowledgment

Customer name:Maoxian|: Lepai digital

Customer case number: **M26**

Antenna frequency band: WIFI 2400 / 2450 / 2500 MHz

Issue date: 2024-1-12

Vendor admission column:

Proposed	structure	approval
Chen Yongwan	Long Shaoyang	Chen Yongwan

Customer acknowledgement column:

confirm	to examine	approval

Address:409, 425-426, Building A, No. 30, Sanwei Aviation Road, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen



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1. Antenna picture



2. Environmental treatment

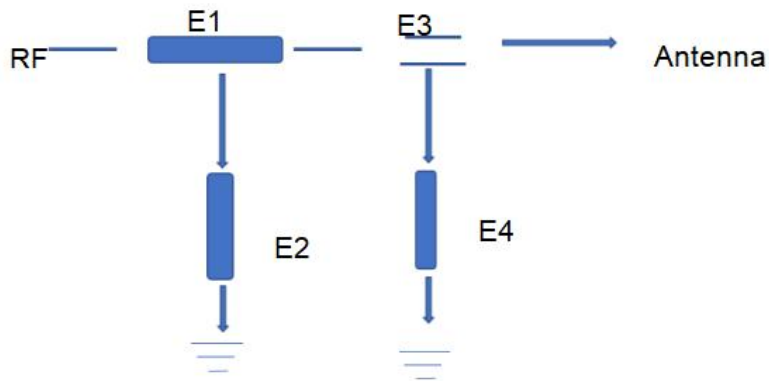
The environment is not modified.



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3. Antenna matching

3. 1. The antenna antenna. 1. The antenna



The above match is the original match, unchanged.

Iv. Product specifications

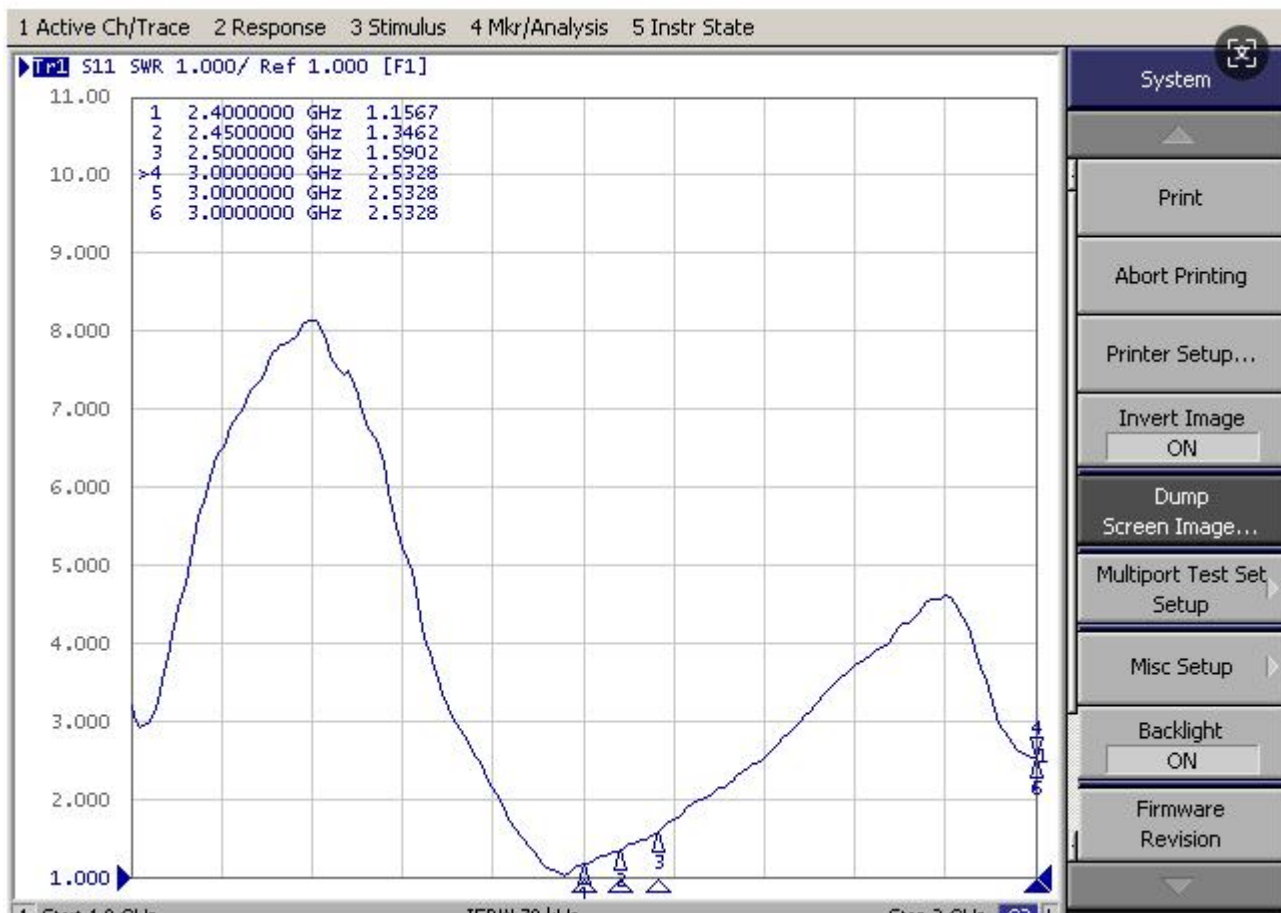
Passive electric performance index	
Frequency Range (MHz)	2400-2500MHZ
Input Impedence (Ω)	50
VSWR	≤ 2
Gain (dBi)	-0.23dBi
Polarization Type	Linear polarization



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V. Electrical performance report

Standing wave ratio VSWR





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Efficiency Gain

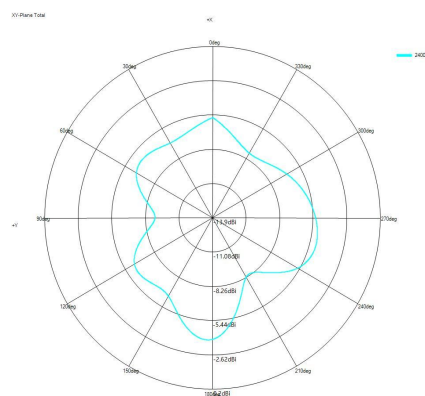
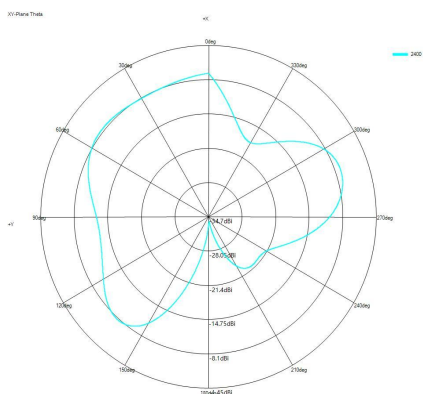
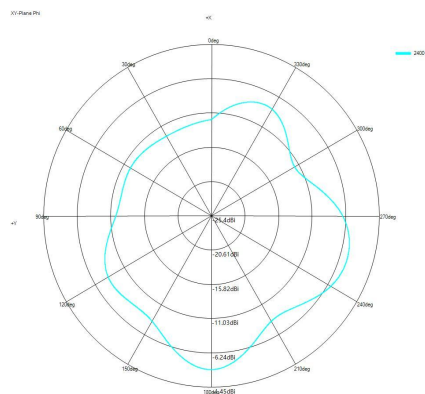
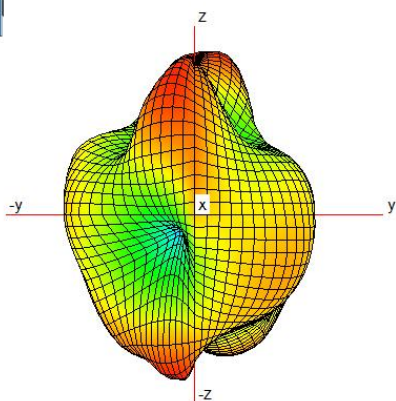
Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-0.232657978	-5.486590419	31.77098617
2410	-0.521248452	-5.597660175	31.05712984
2420	-0.853925461	-5.783728237	32.5965657
2430	-1.406527973	-5.817556397	32.32129172
2440	-1.677405955	-5.863433604	31.94753004
2450	-1.847074102	-5.926510815	30.41762455
2460	-1.994423044	-6.194699484	30.19622688
2470	-2.437303023	-6.234918991	30.38546955
2480	-2.531655991	-6.200517751	30.50579692
2490	-2.176965087	-6.178785064	31.77841566
2500	-1.950308776	-6.482343023	28.87841566



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6. Passive test 3D&2D images

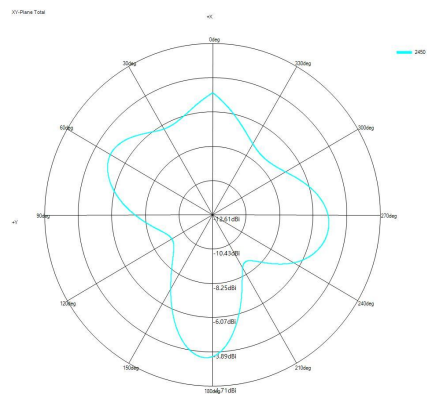
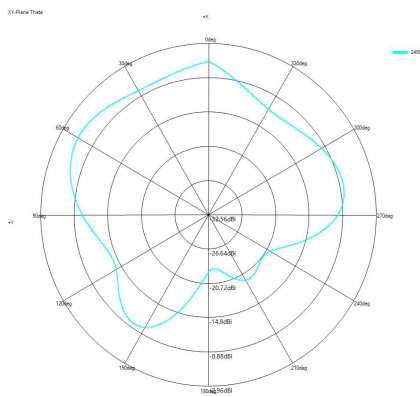
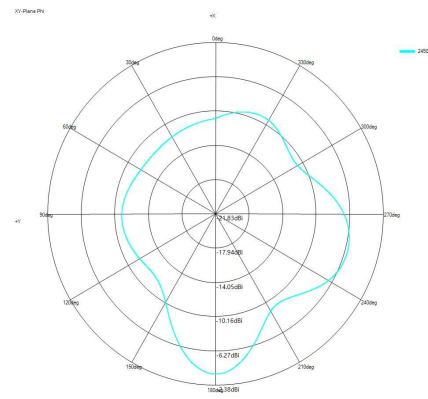
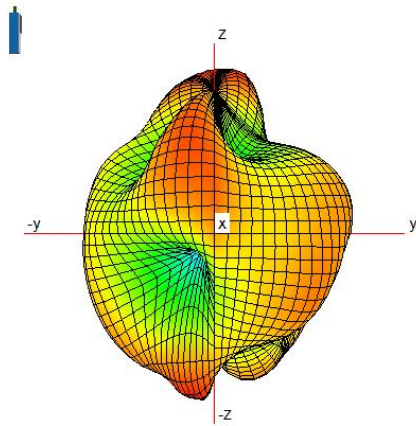
2400MHz





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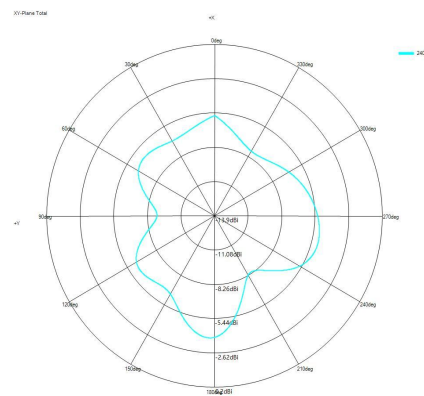
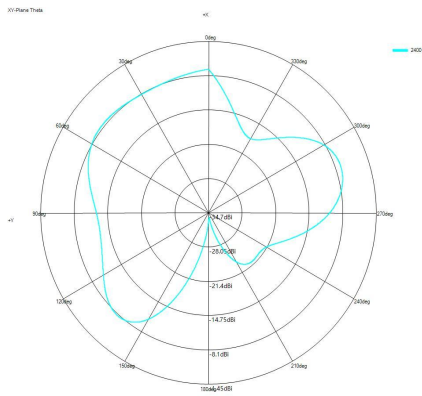
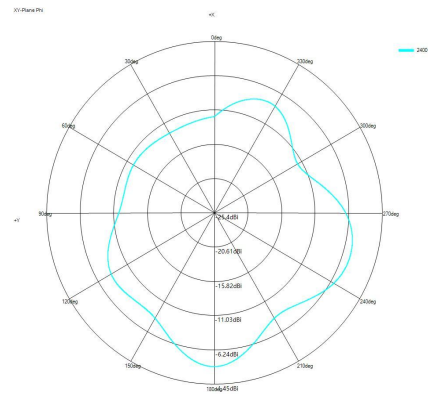
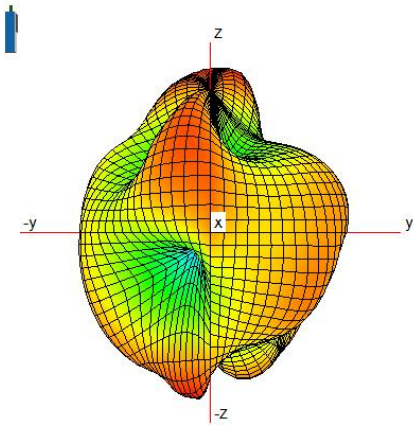
2450MHz





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2500MHz





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7. Engineering drawings

