



Shenzhen Jiexun wireless technology Co., LTD

Antenna specification

Customer: Zhongyitengda

Item: **JA001**

Customer Part Number:

Antenna specification: BT Bluetooth cable



catalogue

1、 cover.....	Page 1
2、 change resume.....	Page 2
3、 catalogue.....	Page 3
4、 Antenna picture.....	Page 4
5、 antenna loading coil.....	Page 4
6、 product standard	Page 5
7、 Electrical performance report.....	Page 6-11
8、 engineering drawing.....	Page 12

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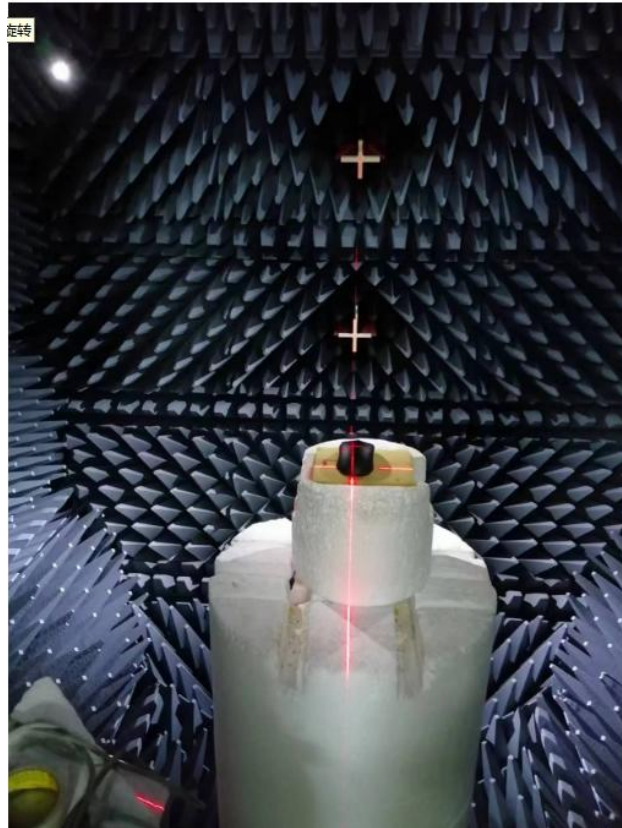
Web: <http://www.jxtant.com>

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一、Antenna picture



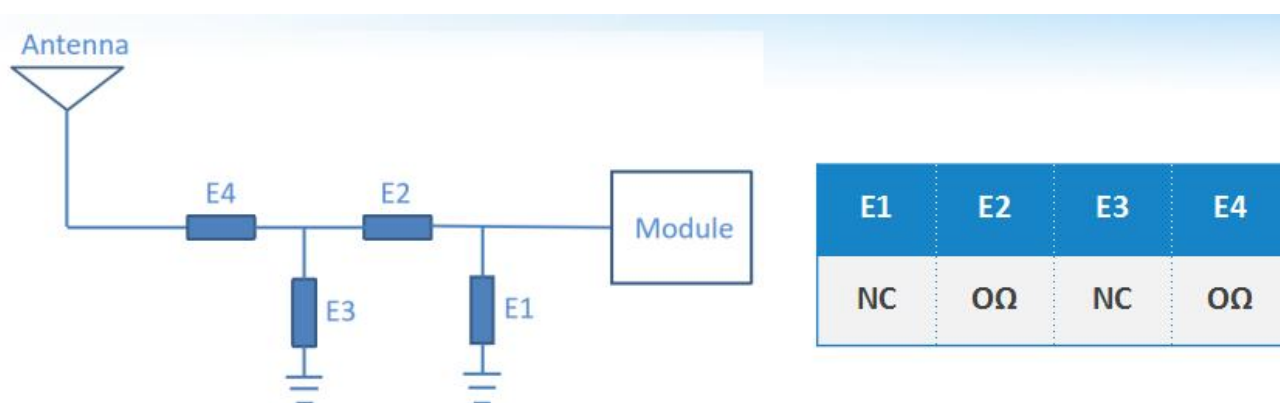
二、testing environment



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三、antenna loading coil

3.1.Antenna



*:我司未对原有天线前端匹配做更改。

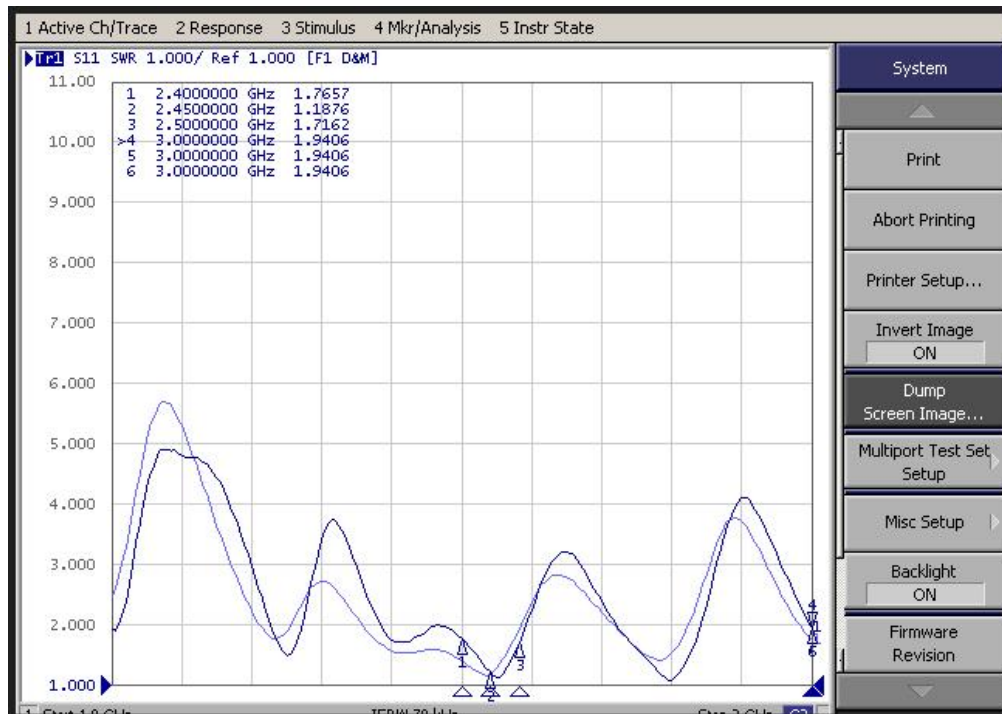
四、product standard

无源电性能指标 Passive Electrical Specifications	
Frequency Range (MHz)	2400-2500MHZ
Input Impedence (Ω)	50
VSWR	≤ 2
Gain (dBi)	<3dBi

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五、Electrical performance report

- VSWR



Frequency (MHz)	2400	2450	2500
VSWR	1.76	1.18	1.71
Max gain(dBi)	2.70	2.41	2.87

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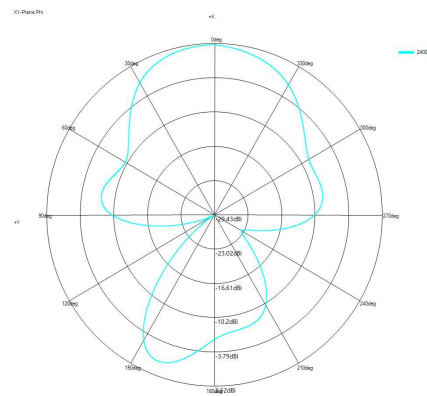
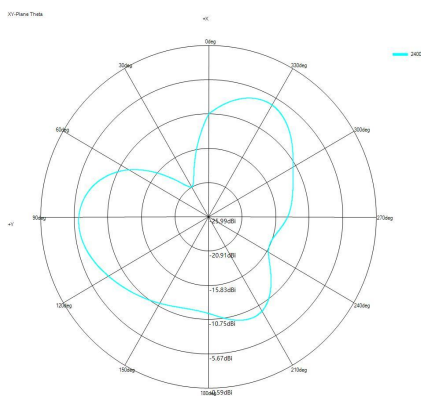
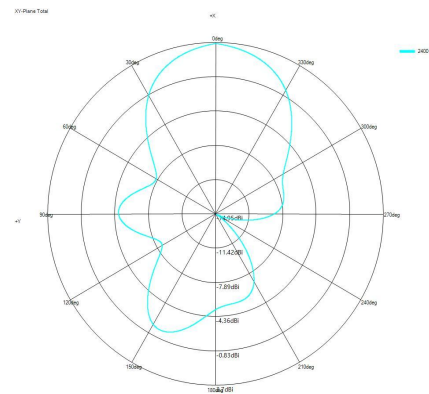
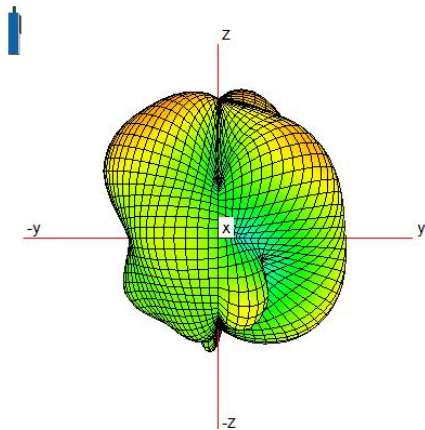
Freq (MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	2.700918944	-2.859675464	54.76455127
2410	2.565942259	-2.930323626	53.92929183
2420	2.496222068	-3.002128854	53.09416185
2430	2.413509952	-3.03202794	52.75047207
2440	2.462675722	-3.01661197	52.92738305
2450	2.411832507	-2.977279933	53.38160593
2460	2.428409204	-2.871846388	54.61968633
2470	2.407118492	-2.818603153	52.25642374
2480	2.597706584	-2.75693628	53.00372255
2490	2.709689612	-2.694319077	53.77347371
2500	2.870364767	-2.643090397	54.41153279

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● directional diagram

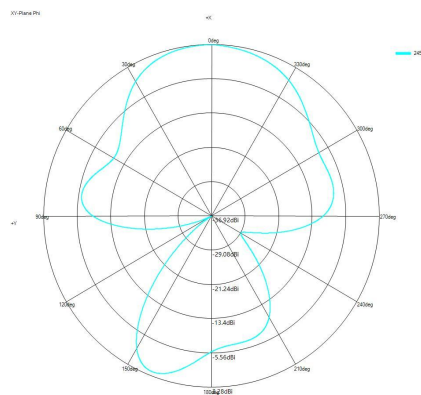
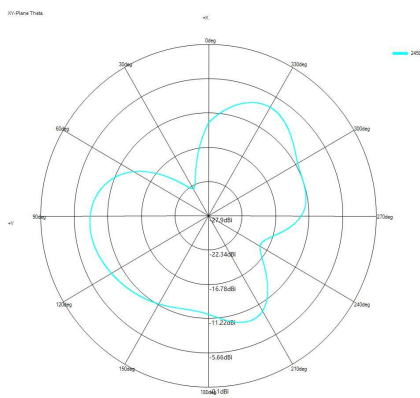
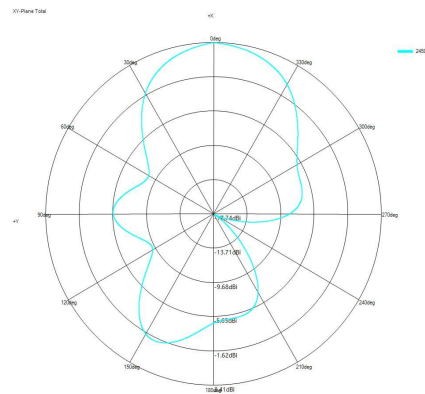
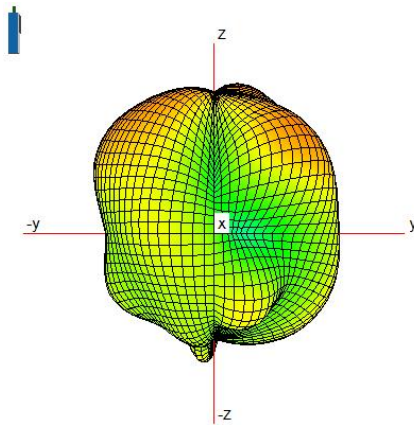
Antenna 2400Mhz



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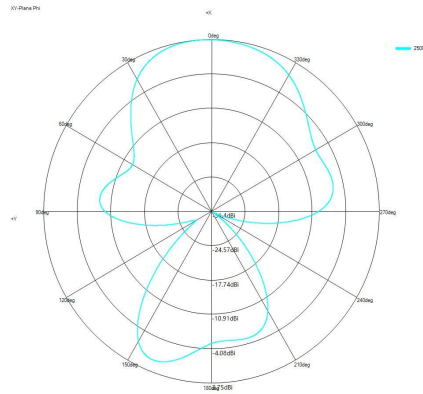
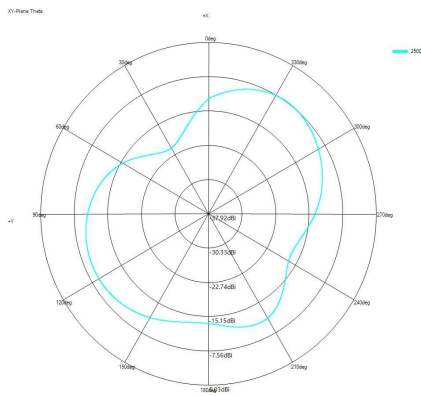
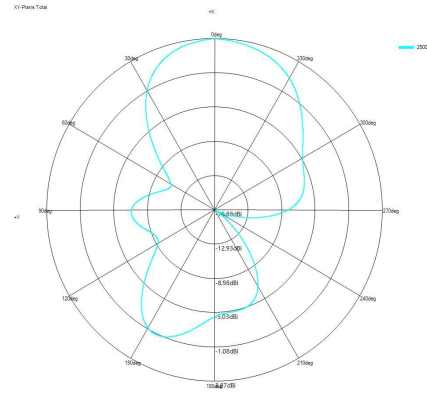
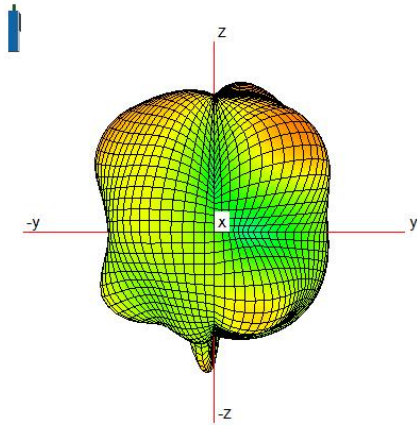
Antenna 2450Mhz



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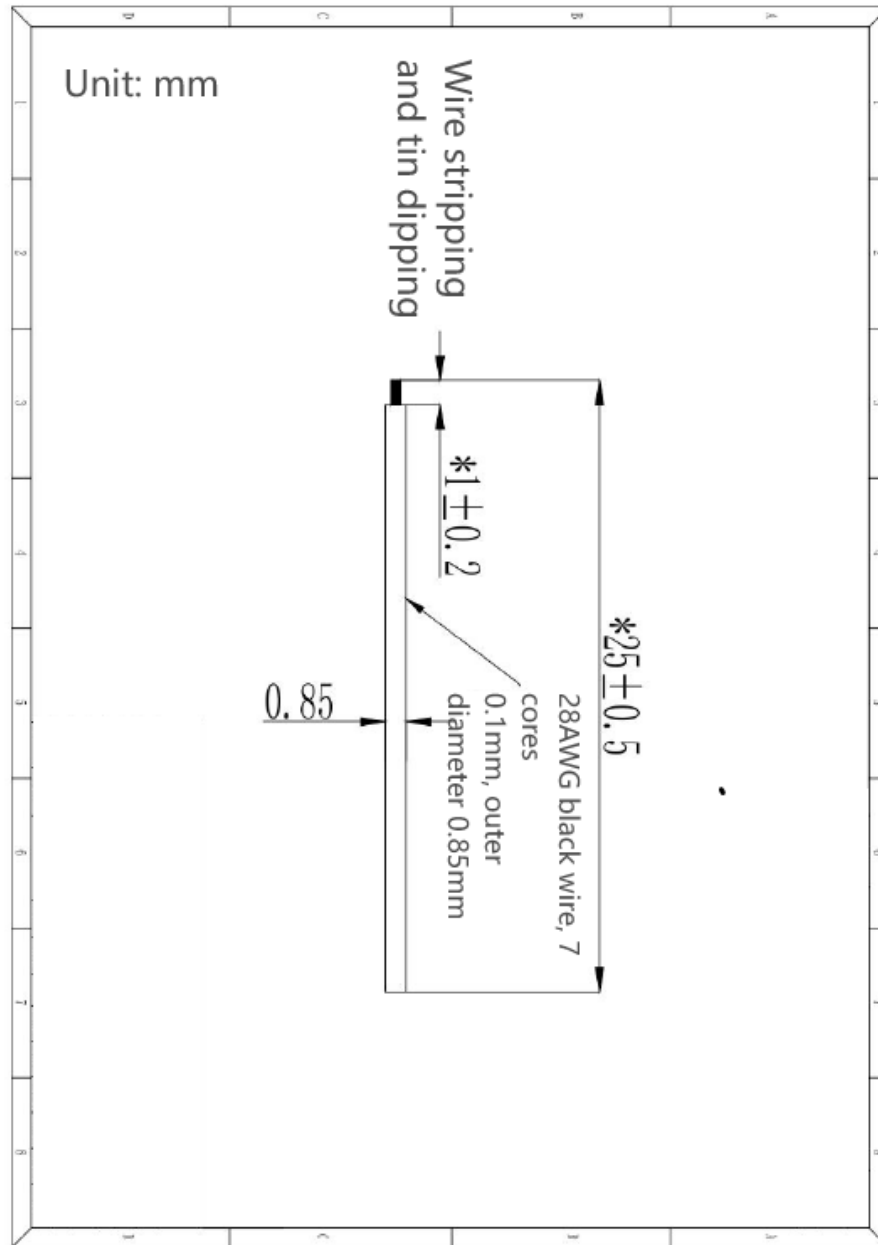
Antenna 2500Mhz



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六、engineering drawing



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