

SPECIFICATION FOR APPROVAL

CUSTOMER/PROJECT: _____

CUSTOMER P.N: _____

PRODUCT NAME: WIFI ANT

MODEL NO: 26B007A-41

SPECIFICATION: _____

SUPPLIER AUTHORIZED SIGNATURE		
PREPARED	examination	APPROVED
马秀峰	张月刚	

CUSTOMER AUTHORIZED SIGNATURE			
PM		QE	

Please return to us one copy of "SPECIFICATION FOR APPROVAL" with your approved signature.

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1 Noun explanation

dBi	Decibel relative isotropic antenna
Tx	Transmit frequency
Rx	Receive frequency
TRP	Total Radiated Power
TIS	Total Isotropic Sensitivity
VSWR	Voltage Standing Wave Ratio
GSM	Global Service for Mobile communication
DCS	Digital Communication System
CDMA	Code Division Multiple Access
WCDMA	Wideband Code Division Multiple Access

2 Test equipment

network analyzer
Agilent8960
SATIMO64 chamber

3 Working frequency band

The yellow Identification is the using band

Band	
WIFI (2.4G)	2412MHz~2483MHz

4 Test project

4.1 VSWR plot

4.2 Smith plot

4.3 Radiation pattern

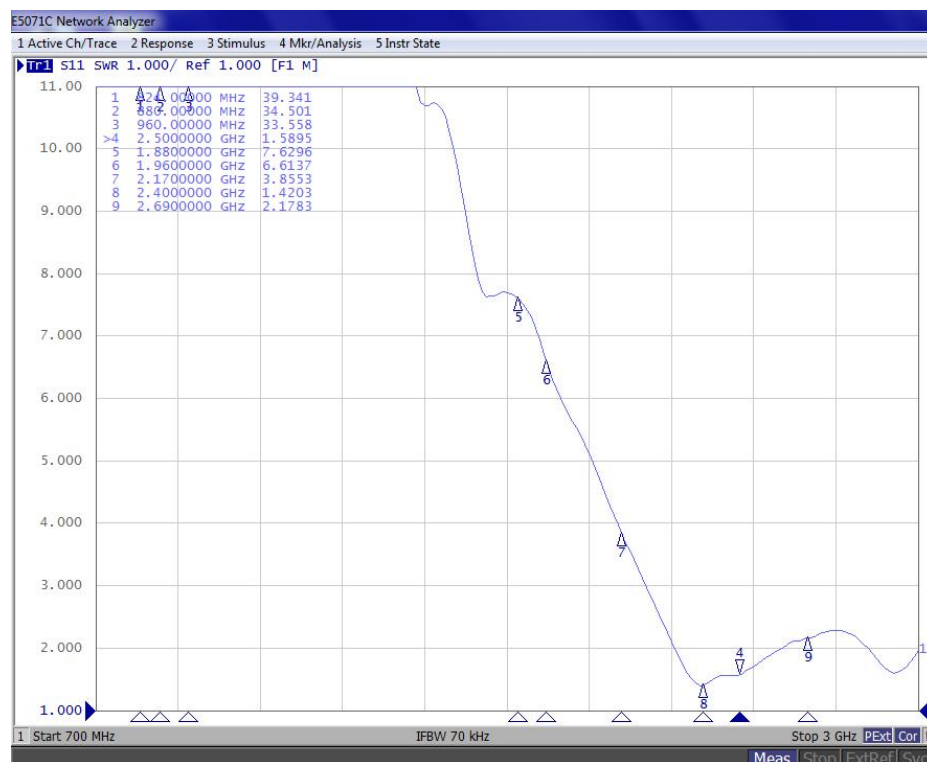
4.4 Gain & Efficiency

4.5 TRP&TIS

5 Antenna parameter

5.1 VSWR

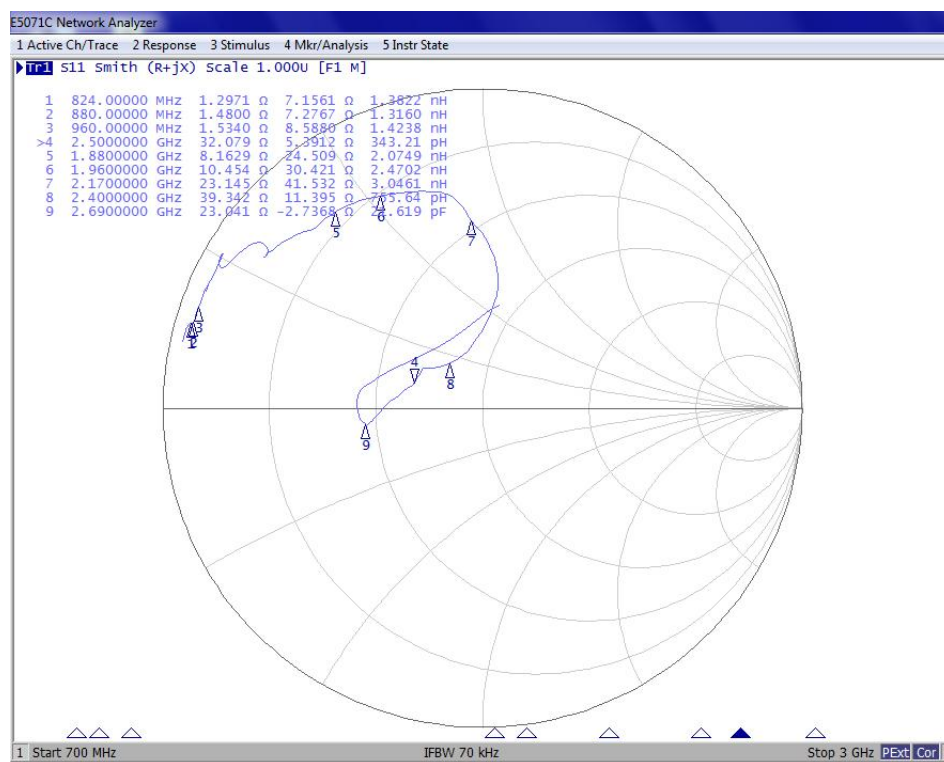
5.1.1 VSWR plot



5.1.2 VSWR data

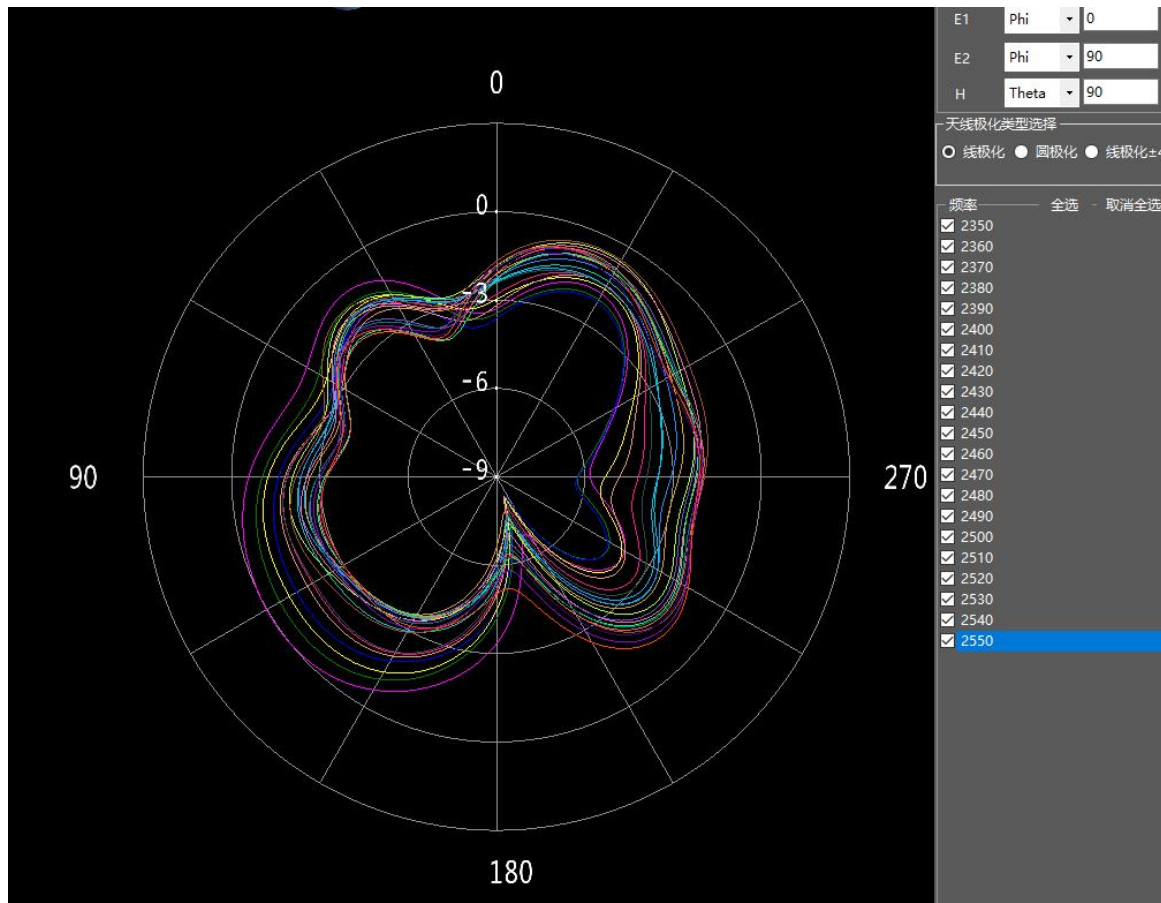
Freq/MHz	2400	2500
VSWR	1.4	1.5

5.2 Smith plot



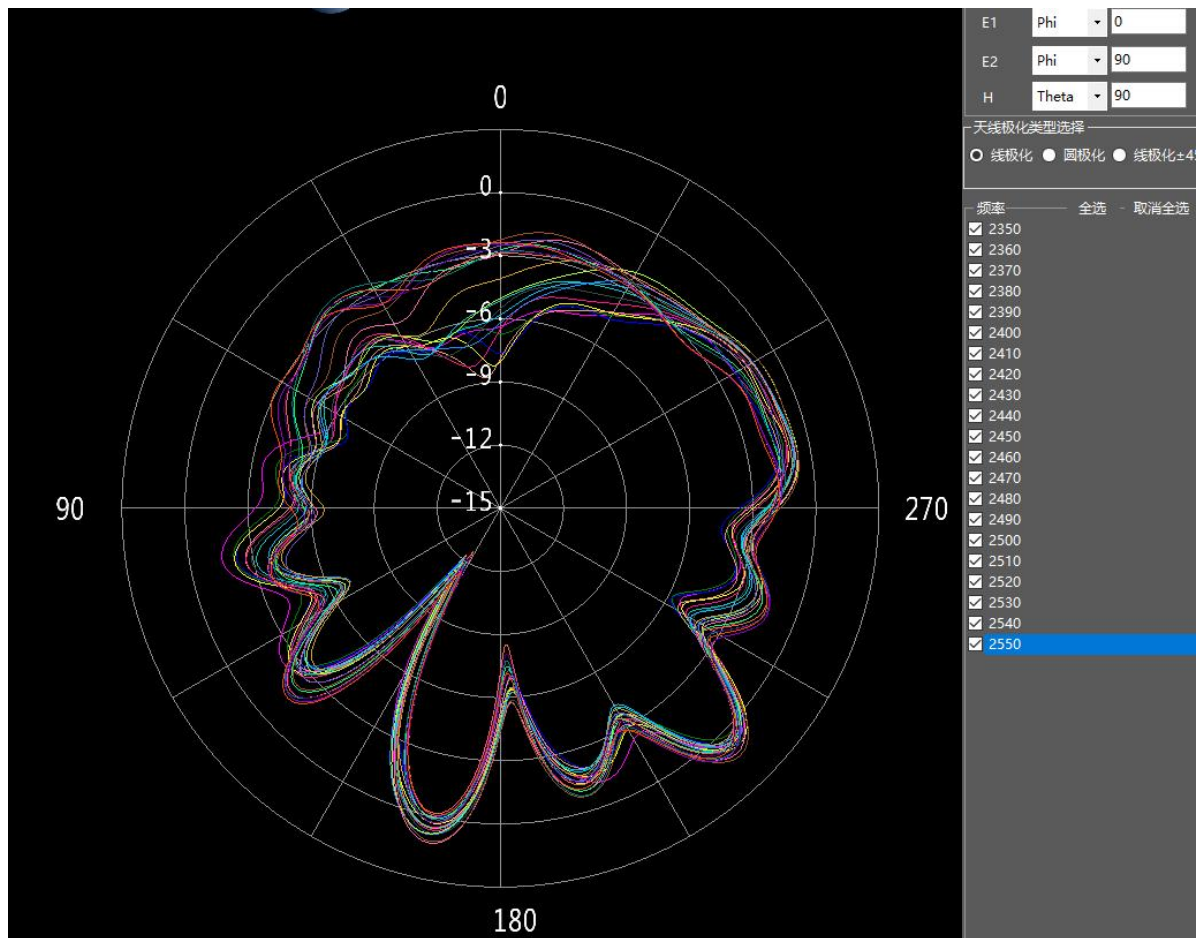
5.3 Radiation pattern

5.3.1 H-plane

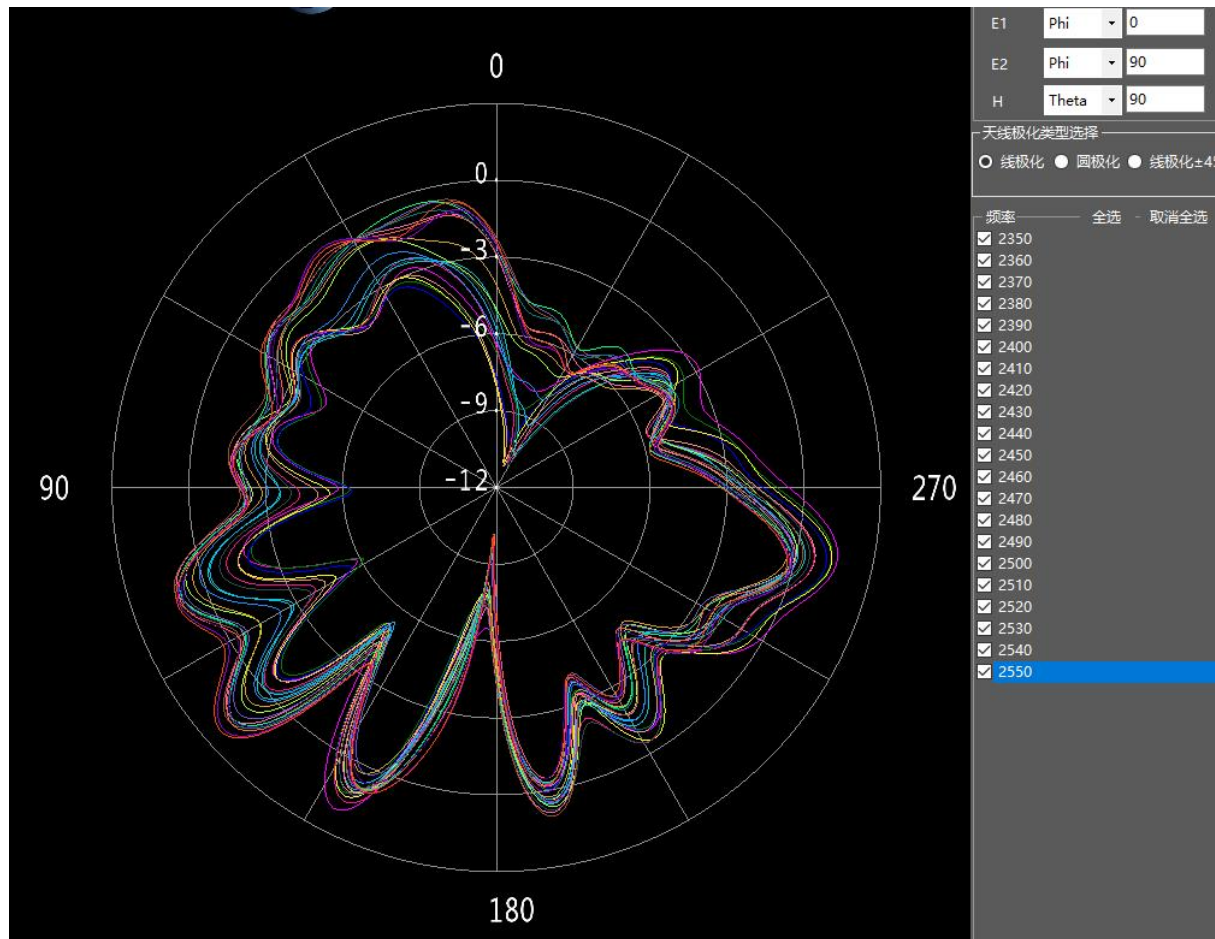


5.3.2 E-plane

E1



E2



5.4 UGain & Efficiency

频率(MHz)	增益(dBi)	效率(%)
2350	2.09	56.76
2370	1.44	50.93
2390	1.25	51.13
2400	1.74	54.60
2420	1.08	54.33
2450	1.36	58.65
2480	1.94	63.92
2500	1.70	59.85
2520	1.91	59.95
2550	2.39	62.31

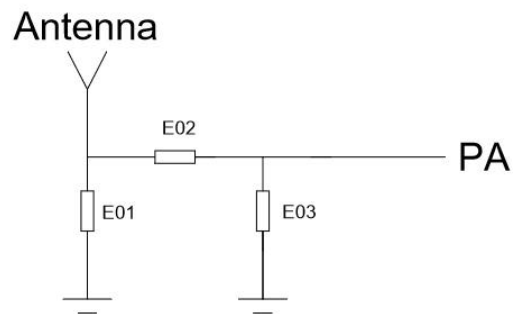
<u>WIFI</u>	<u>TRP</u>		<u>TIS</u>	
	UL_Channel		DL_Channel	
<u>11b</u>	1	16.01	1	-77.24
	6	15.83	6	-81.43
	11	15.41	11	-81.52

6 Environmental treatment suggestions

Environment does not need treatment

7 Impedance matching

E01	E02	E03
NC	1.2nH	2nH



8 Antenna plan

Technical drawing of an antenna with dimensions and a table.

Dimensions:

- Top view: 13.10±0.3, 9.15±0.3, 14.00±0.3, 3.00±0.5, 10.30±0.3, 2.80±0.3
- Side view: 1.50±0.1, 1.20±0.1, 1.50±0.1, 1.20±0.1
- Thickness: T=0.4±0.1

Notes:

- no bad appearance
- with * size for the key size.
- of all related materials and processing technology to meet the requirements of ROHS.

PROJECTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm GENERAL TOLERANCE:	
XX	±0.3
XX	±0.20
ANGULAR	±0.5°
Name :	Antenna
Model NO.:	26B007A-41
Edition:	1:A
Material:	
Surface Treatment:	
Color :	
Design:	Steven
Checked :	
Approved :	
Unit:	mm
Scale :	1:1
Date :	2022.02.24

9 Antenna installation guide

9.1 Antenna installation instructions

9.2



10 Other(manner of packing)

《满足规制物质限制条件》

技术要求:

1. 1500pcs产品1大袋, 1箱为9大袋, 一箱天线总数为10500PCS。

2. 捆包箱用PP胶带封成H型必要的说明事项。

1500 pcs/9#袋

X7大袋

140 340 260

PROJECTION

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN mm

GENERAL TOLERANCE:

±0.5

名称: 天线包装方式

料号: 26B007A-90

版本: T:B

材质:

表面处理:

颜色:

绘图: Leo

审核: STEVEN

核准:

单位: mm

比例: 1:1

日期: 2022.09.16

上海杰盛康通信工程有限公司

Shanghai Jiesoncom Communication Engineering Co., Ltd

版本

修改内容

修订者

日期