

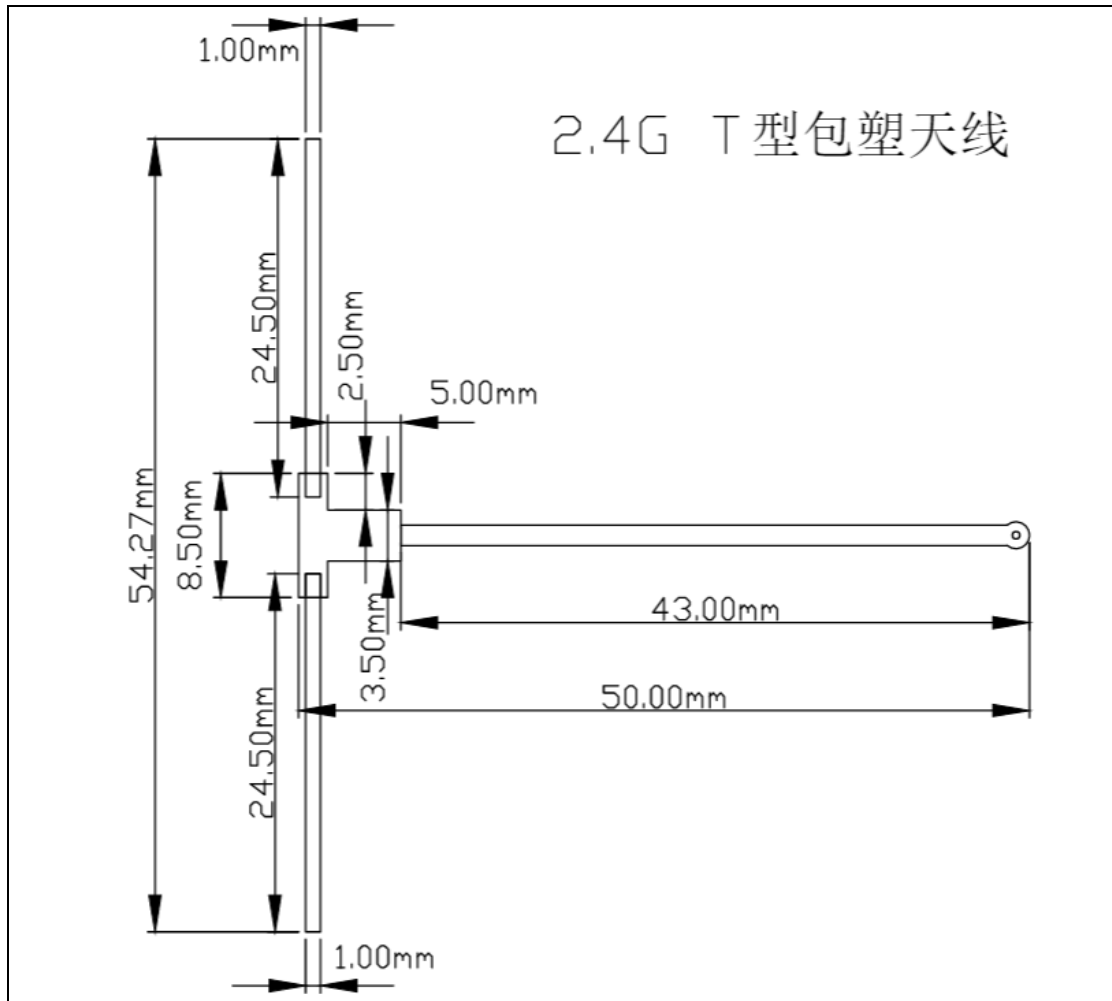
产品承认书

承认书项目表

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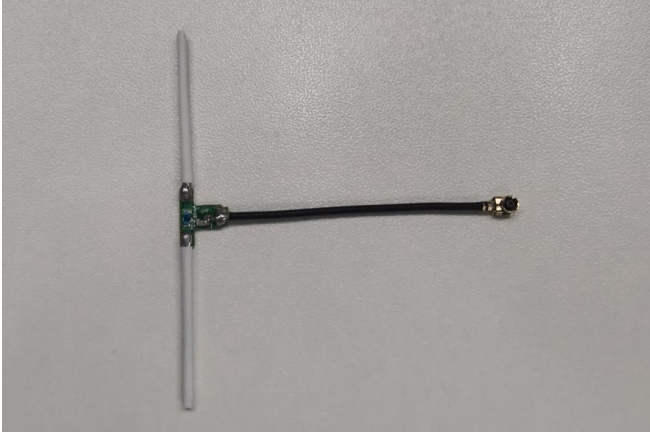
工程成品图

Drawing



电性测试报告

Test Report

Sample Photo	
	
Basic Parameter	
Antenna Type	Dipole T Type Antenna
Manufacture	Shenzhen Baida Moxing Co.,Ltd.
Manufacture Address	B1702A, Block ABCD, Building 3, Phase 1, Tian'an Cloud Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China
Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R	$\leq 2.0 @ 2400 \sim 2500 \text{ MHz}$
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2 dB / m Max
Polarization	Linear, Vertical
Pack Gian	2.09dBi
Connector	IPEX
Physical Properties	
Antenna Material	FR4+steel+
Cable Type	O.D. 1.13mm // 25 mm
Operating Temp.	-25~+85°C
Storage Temp.	-25~+85°C

S 参数测试

S parameter Test

Siglent SSA1000X

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VNA

M1	2.4 GHz	-18.28 dB
M2	2.48 GHz	-13.68 dB
M3	5 GHz	-3.47 dB
> M4	5.8 GHz	-3.32 dB

Start 100 kHz Points 201 Stop 7.5 GHz

光标

选择迹线

1

选择光标

4

常规

5.8 GHz

差值

关闭

非连续

打开 关闭

耦合

打开 关闭

全部关闭

Local

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VNA

M1	2.4 GHz	1.26
M2	2.48 GHz	1.51
M3	5 GHz	5.16
> M4	5.8 GHz	5.29

Start 100 kHz Points 201 Stop 7.5 GHz

幅度

Attenuator

20 dB

自动刻度

全部自动刻度

刻度/格

1 U

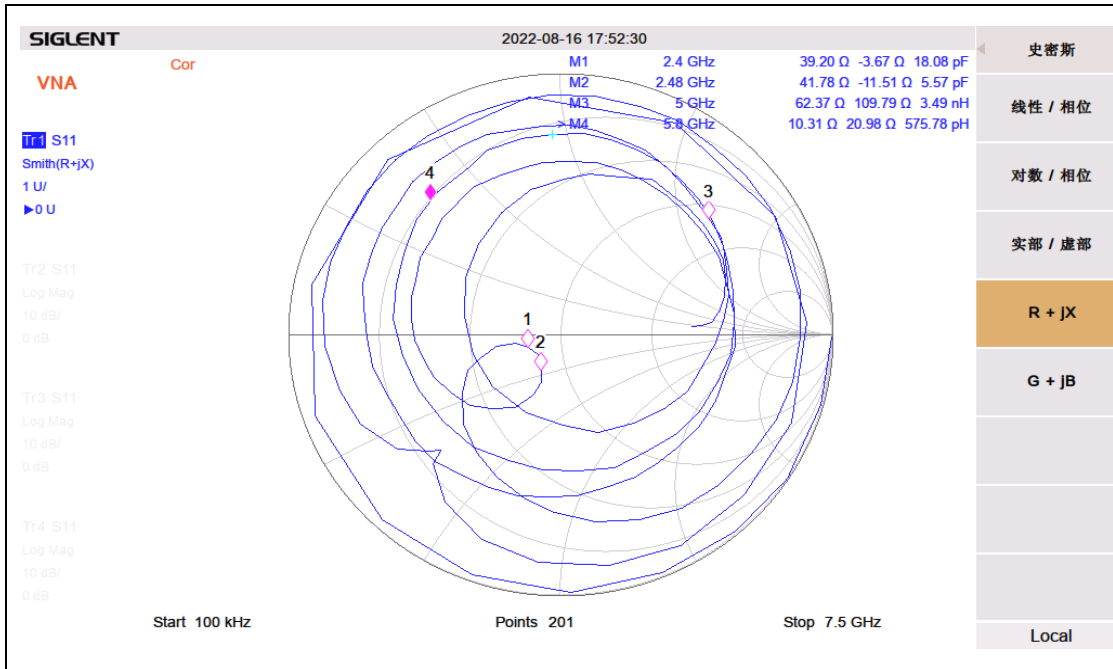
参考电平

1 U

参考位置

0 Div

Local



增益测试

Gain Test

Freq.(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	2.05	2.05	2.06	2.06	2.07	2.07	2.08	2.08	2.08	2.09	2.09
Peak Degree	82	82	82	82	82	82	82	82	82	81	81
AV Gain(dBi)	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.21	-0.21	-0.21	-0.21

3D 天线增益图

3D antenna pattern

