

天 线 规 格 书

客 户 名 称:

CUSTOMER NAME

产 品 型 号

PRODUCT NAME: 405-WIFI

客 户 料 号

CUSTOMER P/N:

电 子 料 号

P/N:

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2023. 04. 18	

Contents

<i>Item</i>	<i>Description</i>
1.-----	Specification
2.-----	Product Photo
3.-----	Test report

Antenna Photo:



1. Specification:

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500MHZ	Frequency Range (MHZ)	2400-2500MHZ
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	1.72	Gain(dBi)	1.72
输出电压 驻波比	≤ 1.92	VSWR	≤ 1.92
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Linear, Vertical
连接方式	顶针	Connector Type	Thimble
物理性能		Physical Properties	
天线本体材料	FPC	Antenna Base	FPC
工作温度	-20 $^{\circ}$ C~+65 $^{\circ}$ C	Operating Temp	-20 $^{\circ}$ C~+65 $^{\circ}$ C
保存温度	-30 $^{\circ}$ C~+75 $^{\circ}$ C	Storage Temp	-30 $^{\circ}$ C~+75 $^{\circ}$ C

地址：广东深圳市前海深港合作区前湾一路一号 A 栋 201 室

Address: Room 201, Building A, No.1 Qianwan 1st Road, Qianhai Shenzhen Hong Kong Cooperation Zone, Shenzhen, Guangdong

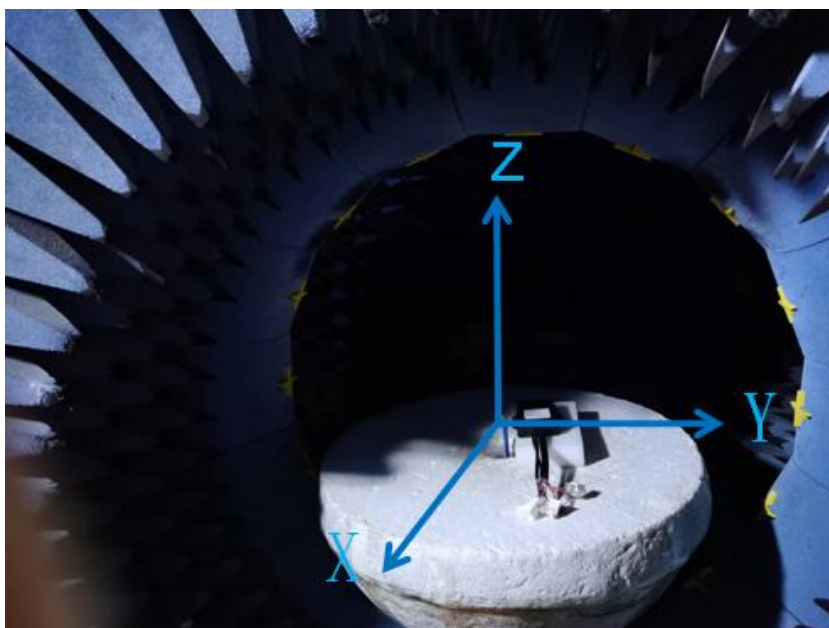
2、天线测试设备Antenna testing equipment:

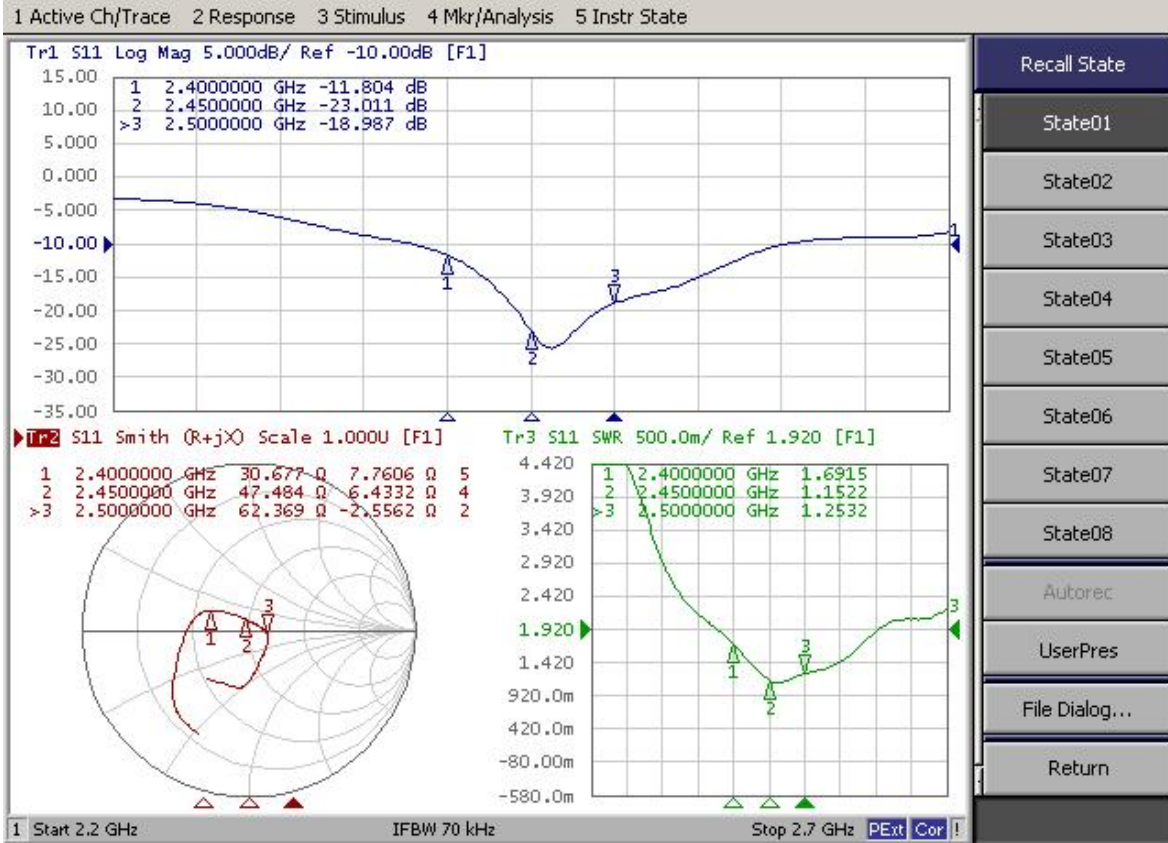
天线输入特性测试使用 Agilent E5071C 矢量网络分析仪；天线辐射特性测试使用 Satimo Starlab 3D 近场微波暗室，使用仪器 Agilent CMW500 综测仪。

Agilent E5071C vector network analyzer was used to test antenna input characteristics. The radiation characteristics of the antenna were measured using a Satimo Starlab 3D near-field microwave darkroom and the instrument Agilent CMW500 synthesizer.

暗室测试坐标如

Test coordinate





Frequency (MHz)	2400	2500					
VSWR	1.85	1.					

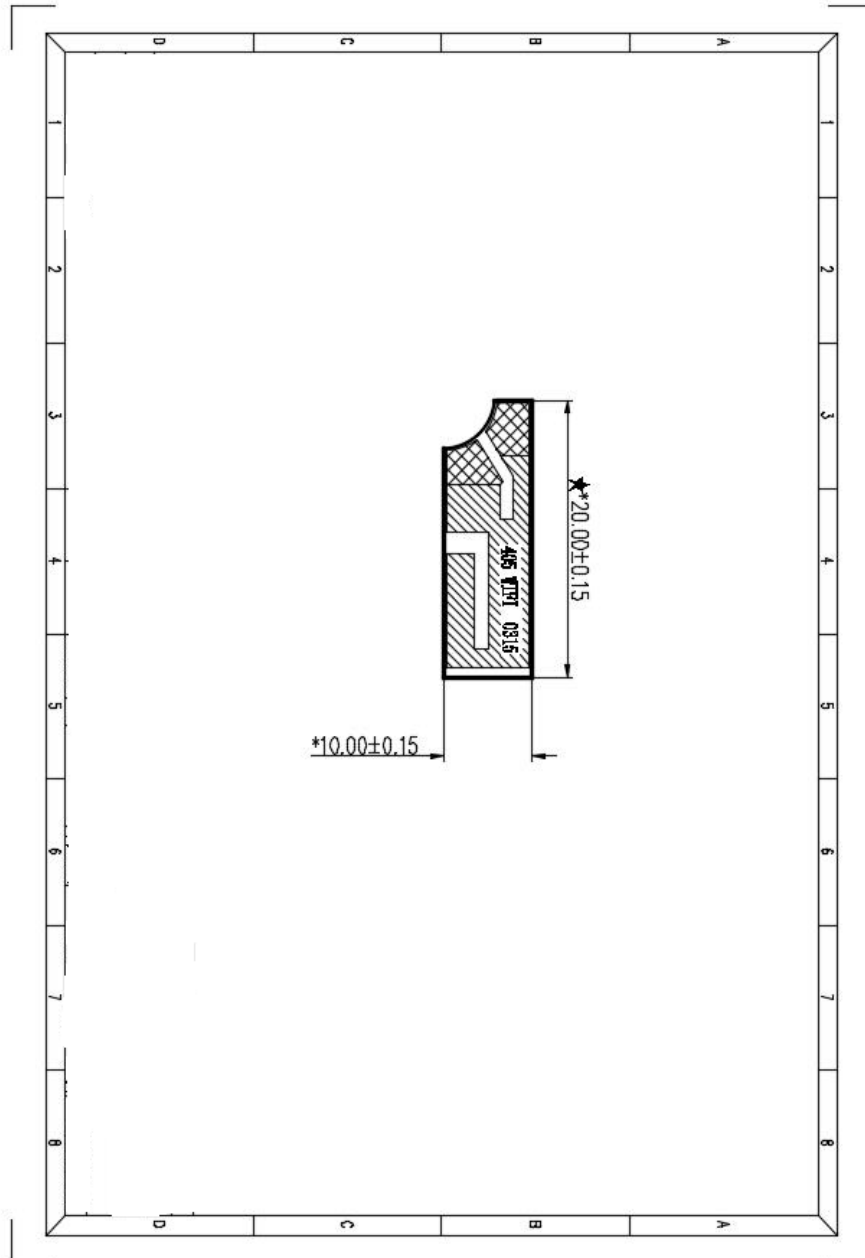
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405-WIFI		
Freq (MHZ)	Effi (%)	Gain(dbi)
2400	40%	1.06
2410	39%	1.26
2420	38%	1.42
2430	40%	1.47
2440	39%	1.22
2450	38%	1.18
2460	37%	1.49
2470	36%	1.72
2480	36%	1.84
2490	37%	1.86
2500	38%	1.99

产品图:

Product drawing:



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