

UANT®

好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronic Co., Ltd

wl20201012-04

承 认 书

帮化
更改材质

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

2.4G Built-in antenna for hardware products

PRODUCT NAME:

2.4G 五金内置天线

客 户 料 号

CUSTOMER P/N:

A22040059

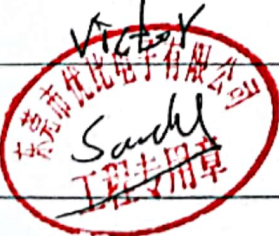
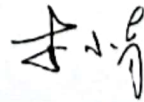
优比电子料号

UB

P/N:

UB01NJ3D520A

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2020/09/30	

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扫描全能王 创建

Contents

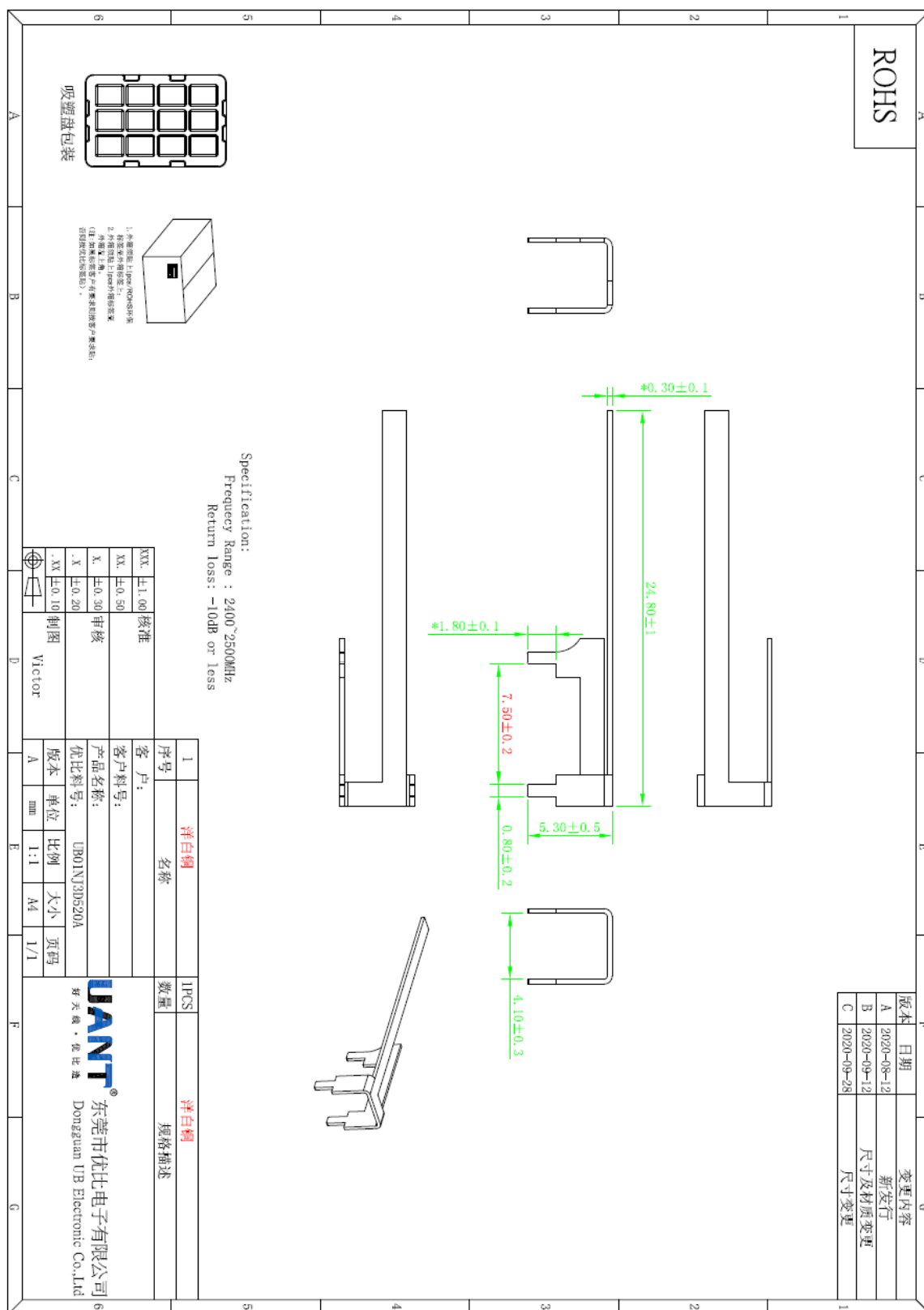
<i>Item</i>	<i>Description</i>
1.-----	规格表 Electrical Specification
2.-----	成品图 product drawing
3.-----	测试报告 test report
4.-----	天线安装示意图 Antenna installation diagram

1. 规格表:
Electrical Specification:

产品主要技术参数
Main technical specifications

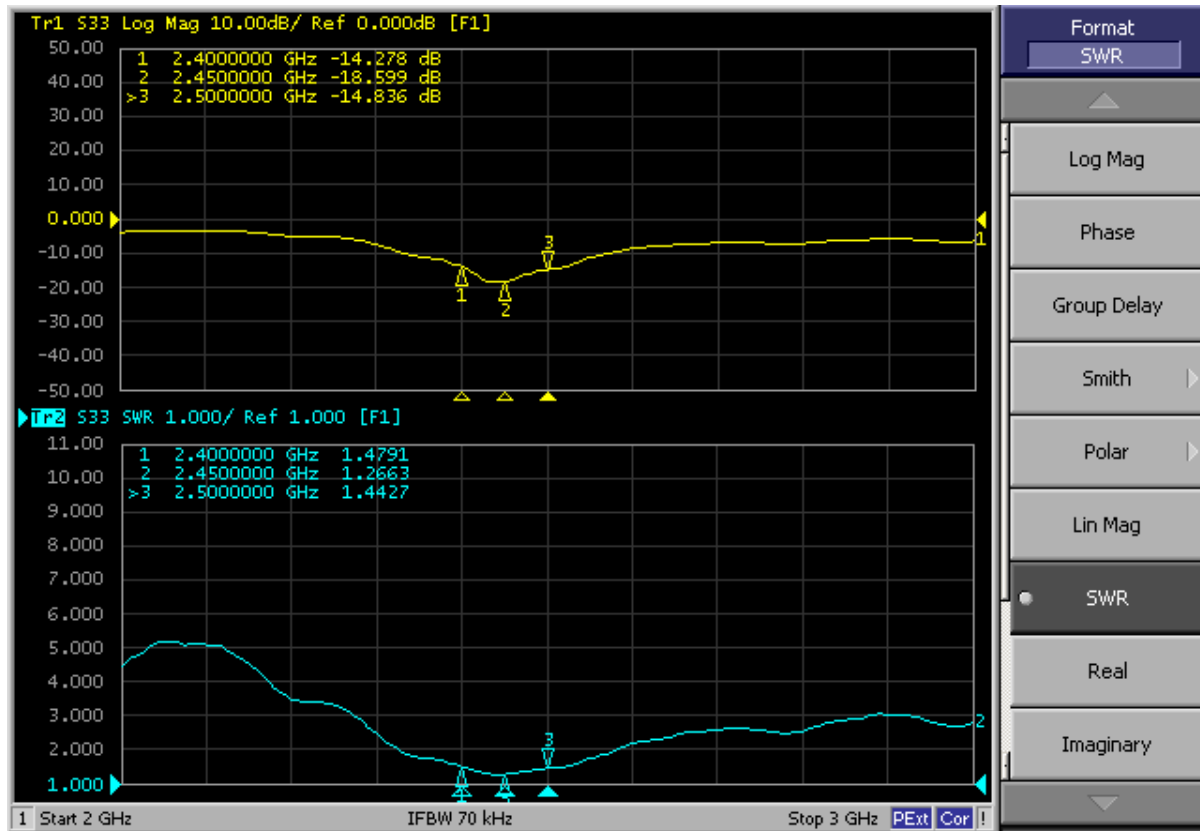
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
峰值增益(dBi)	3	Peak Gain(dBi)	3
输出电压 驻波比	≤1.92	VSWR	≤1.92
极化方式	线极化	Polarization	Linear
连接方式	DIP	Connector Type	DIP
物理性能		Physical Properties	
天线本体材料	五金	Antenna Base	Hardware
工作温度	-20℃~+50℃	Operating Temp	-20℃~+50℃
保存温度	-20℃~+50℃	Storage Temp	-20℃~+50℃

2. 成品图: product drawing



3. 测试报告 test report

3.1: 网络分析仪测试报告 Network Analyzer Test Report

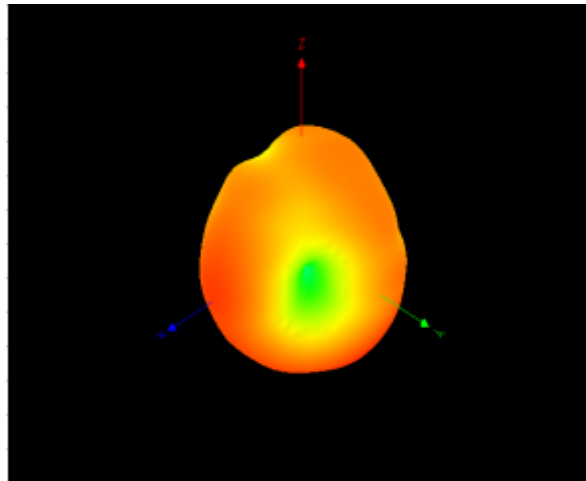


3.2 2D、3DRaditation Pattern

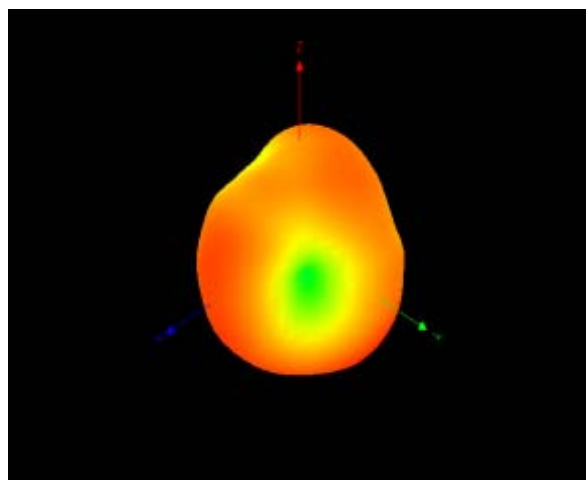
3.2.1 效率及增益 Efficiency and Gain

Frequency (MHz)	Efficiency (%)	Peak Gain / dB
2400	56.7	2.73
2450	61.5	3.12
2500	57.4	2.98

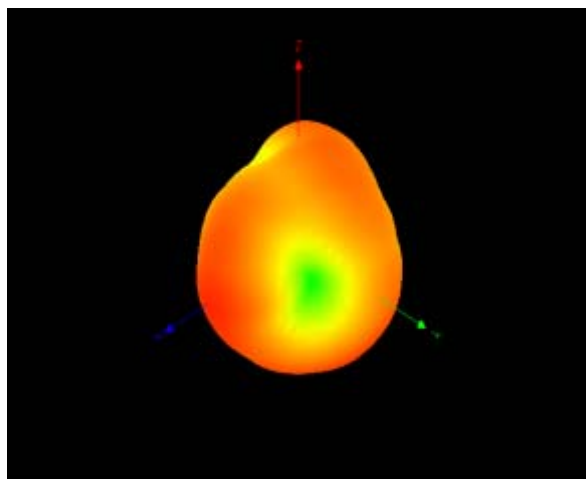
3.2.2 2D/3D 场型图 2D,3D Radiation Pattern



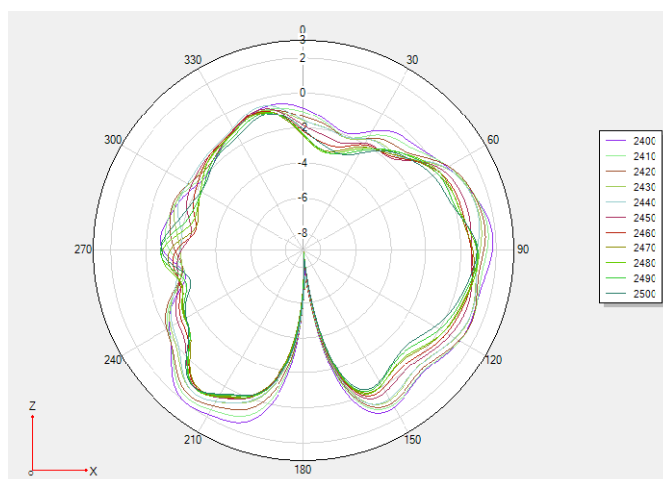
2400MHz



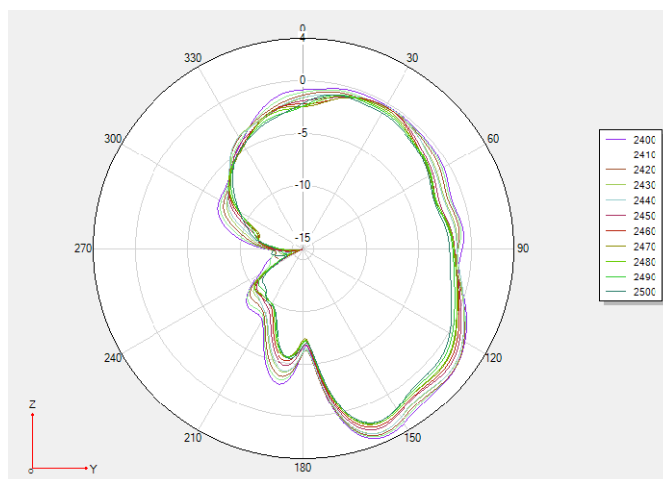
2450MHz



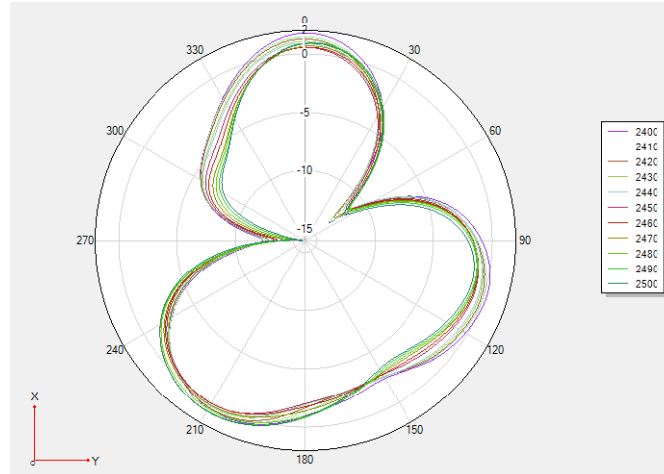
2500MHz



Phi 0 2D



Phi 90 2D

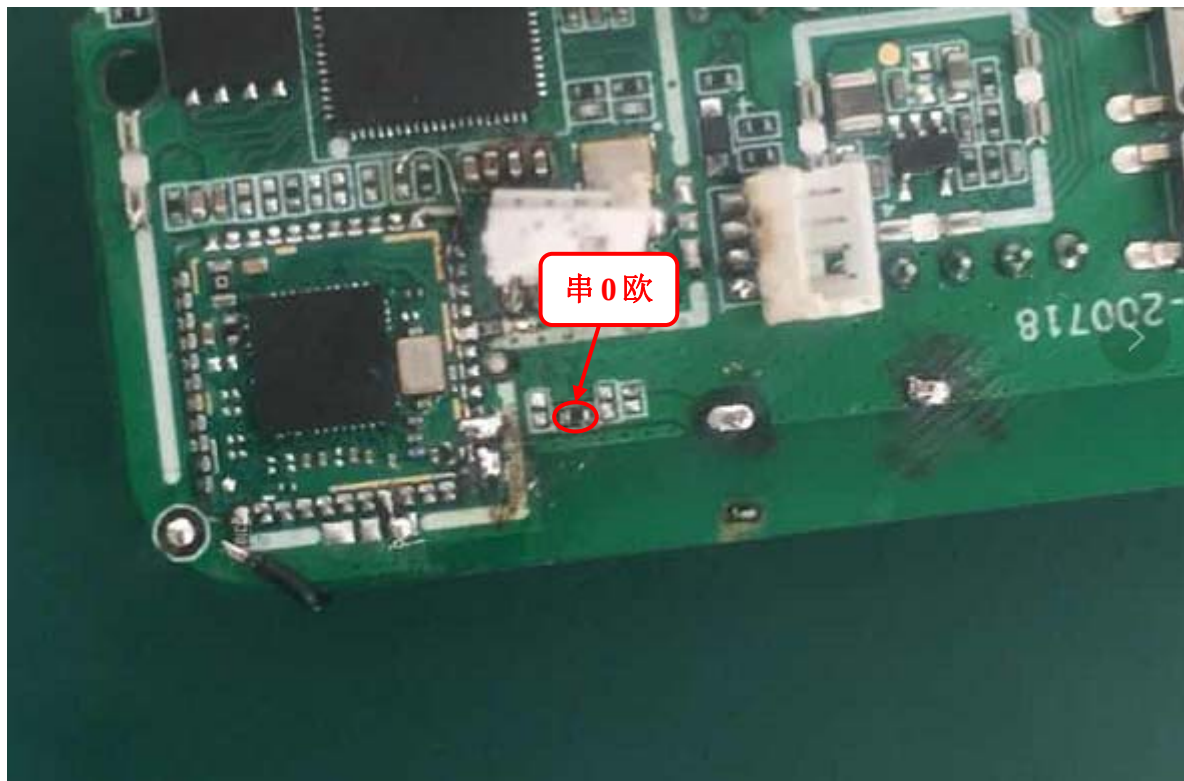


Theta 90 2D

3.3: 有源测试报告 active test report

Elevations	Standard	Band	Channel	Frequency	Max	Min	Total
Every30	WIFI (AP)	WIFI_B (11M)	1	2412	22	-11.49	17.5
Every30	WIFI (AP)	WIFI_B (11M)	6	2437	21.72	-11.35	17.37
Every30	WIFI (AP)	WIFI_B (11M)	11	2462	21.6	-6.98	17.43
Every30	WIFI (AP)	WIFI_B (11M)	1	2412	88.81	55.71	84.26
Every30	WIFI (AP)	WIFI_B (11M)	6	2437	89.59	57.31	85.27
Every30	WIFI (AP)	WIFI_B (11M)	11	2462	89.35	60.01	85.19

4. 天线安装示意图: Antenna installation diagram





整机示意图

Overall machine schematic diagram