

承 认 书

APPROVAL SHEET

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G W68 黑色天线 L=250mm+端子

客 户 料 号

CUSTOMER P/N:

优比电子料号

Youbi P/N: UB02C250B5Daa12A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:	Changxing.Liu	
DATE:	2023-7-3	

Modification History

Version	Content Revision	Issued by	Date
A	Original version	Lina	2023-7-3

Content

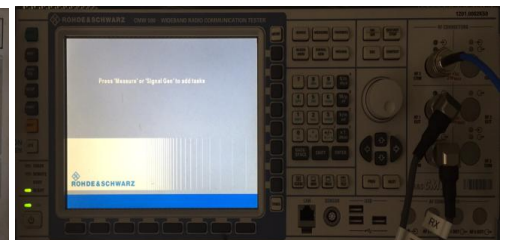
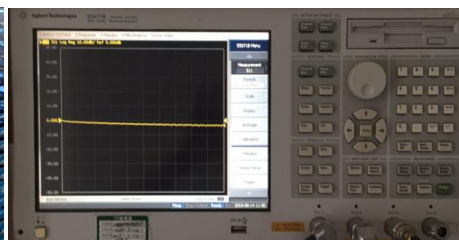
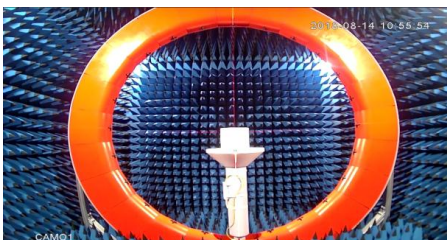
<i>Item</i>	<i>Description</i>
1.-----	Electrical Specification
2.-----	Test Items and Equipment
3.-----	S Parameter
4.-----	Efficiency and Gain
5.-----	Radiation Pattern
6.-----	Mechanical Specification
7.-----	Packaging

1.Electrical Specification:

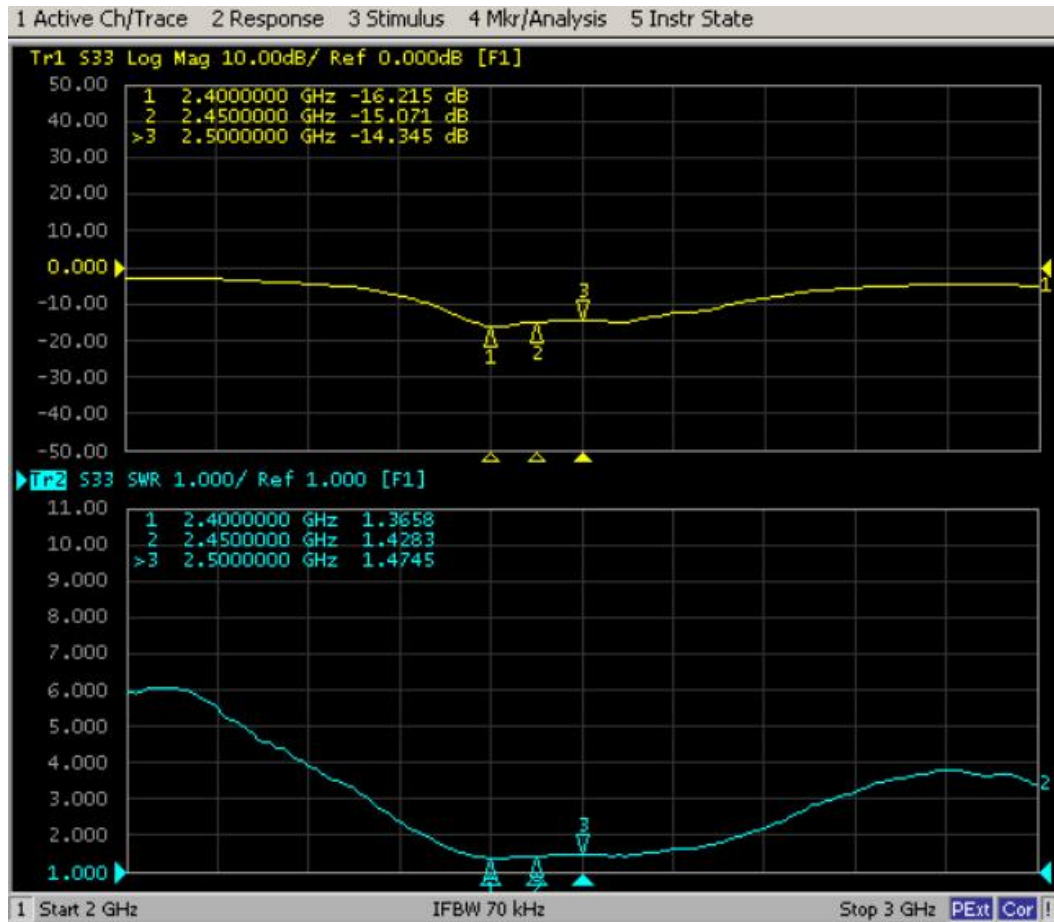
Characteristics	Specifications	Unit
Outline Dimensions	15.95x194.81,L250	mm
Frequency	2400-2500	MHz
Impedance	50	Ω
VSWR	< 1.92	
Polarization	Linear Polarization	
Gain	4 $\pm$ 0.5	dBi
Efficiency	> 60	%
Connector Type	1.13 MHF-1-Plug	
Operating temperature	-40℃~+85℃	
Storage Temp	-40℃~+85℃	

2.Test Items and Equipment

	Test items	Test equipment
S Parameter	1.Return Loss 2.VSWR	Network analyzer (Agilent E5071B)
The whole machine of Passive parameters	1.Frequency 2.Gain 3.Radiation Pattern	1.3D microwave darkroom (5m*5m*5m) 2.Network analyzer (Agilent E5071B)
The whole machine of Active parameters	1.TRP 2.TIS	1.3D microwave darkroom (5m*5m*5m) 2.Comprehensive test instrument (CMW500)

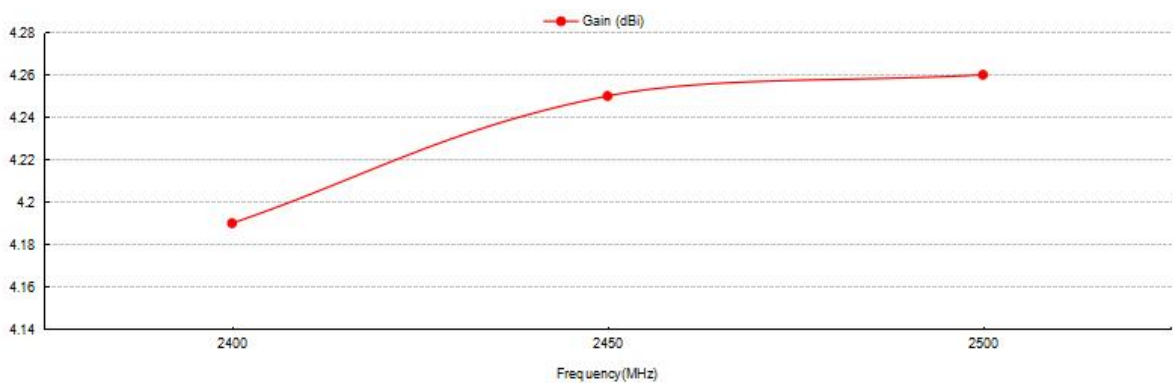
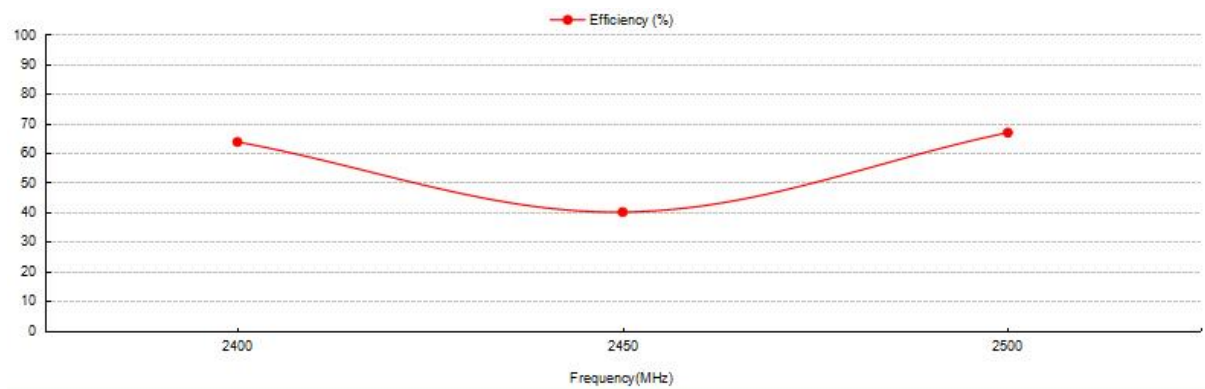


3. S Parameter



Frequency (MHz)	Return Loss (dB)	VSWR
2400	-16.21	1.36
2450	-15.07	1.42
2500	-14.34	1.47

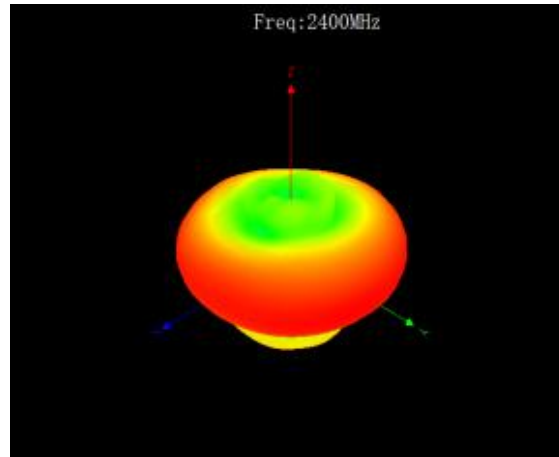
4. Efficiency and Gain



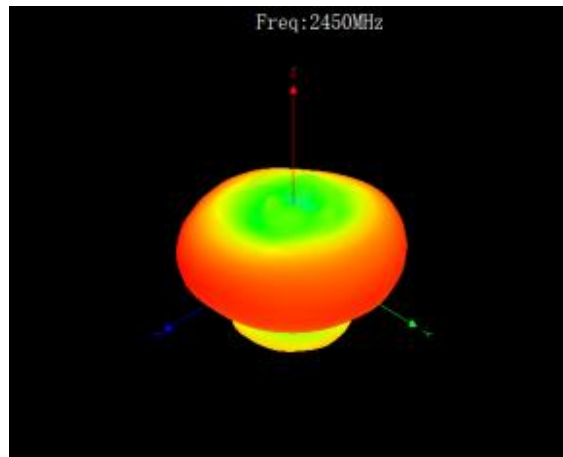
Frequency (MHz)	2400	2450	2500
Efficiency (%)	63.7	69.99	66.85
Gain (dBi)	4.19	4.25	4.26

5. Radiation Pattern

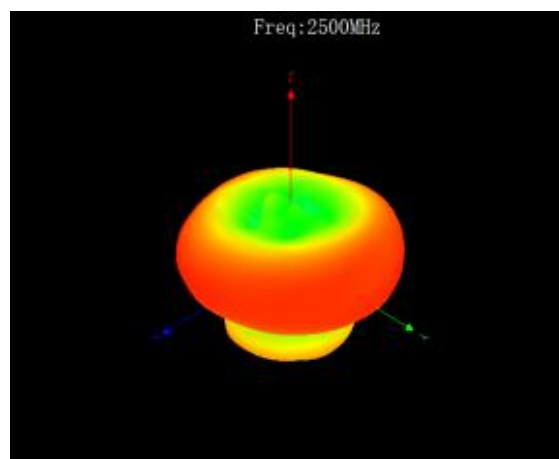
5-1 Antenna 3D Radiation Pattern



2400MHz

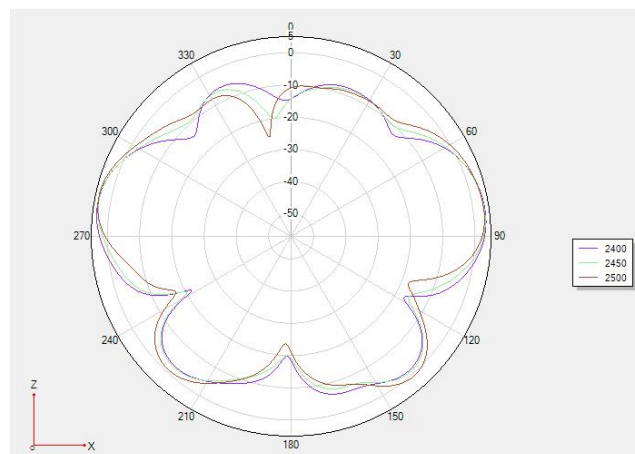


2450MHz

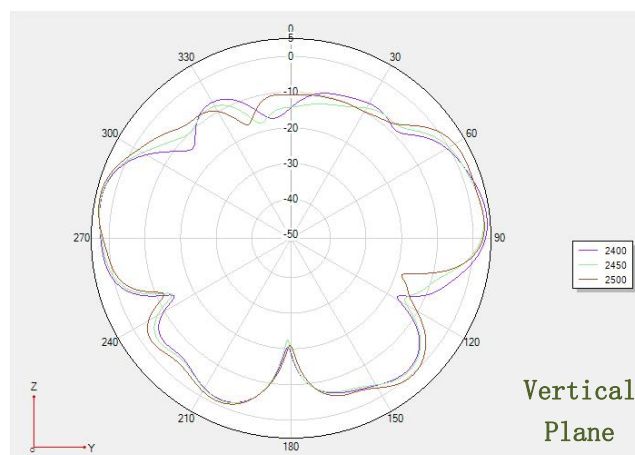


2500MHz

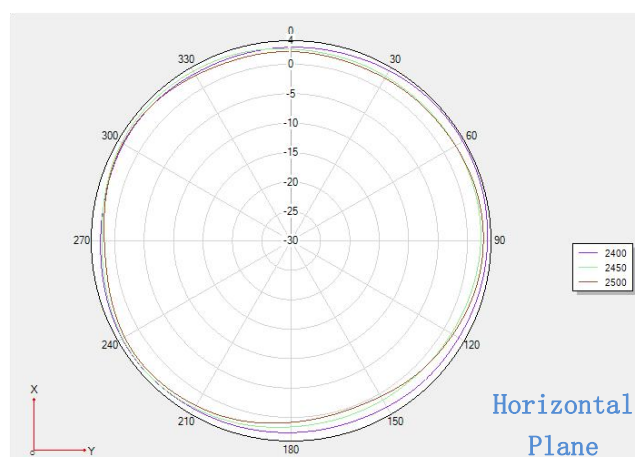
5-2 Antenna 2D Radiation Pattern



Phi 0 2D



Phi 90 2D



Theta 90

7. Packaging

UANT[®]

好天线 · 优比造

单个产品

内袋包装说明:

1. 25pcs产品包扎成一扎, 每袋装入2扎产品共计50pcs.
2. PE袋进行封口.
3. 每袋需贴1pcs内袋标签至PE袋正中间位置.
4. PE袋尺寸: 长330mm*宽220mm*厚0.08mm.

内袋包装

PE袋

橡皮筋固定

外箱包装

底层和顶层各放1pcs平卡

外箱标签

需贴/ROHS标签

外置出线系列

东莞市优比电子有限公司

客户代码:

工单号:

客户料号:

订单号:

优比料号:

生产日期:

品名规格:

数量:

组别:

电话: 0769-81777126

传真: 0769-81777125

东莞市优比电子有限公司

客户代码:

工单号:

客户料号:

订单号:

优比料号:

生产日期:

品名规格:

数量:

组别:

电话: 0769-81777126

传真: 0769-81777125

注:

此份包装规范适用于外露 $\geq 100\text{mm}$ +ipex和外露 $\geq 100\text{mm}$ 不带ipex产品,

属于通用类型, 包括以下产品: 产品直径 $>11\text{mm}$

1. 3dBi四环、3dBi六环, 中号纸箱装500pcs产品每箱, 大号纸箱装1200pcs产品每箱.
2. 5dBi圆形、5dBi剑形、5dBi梯形、5dBi刀形, 梯形, 中号纸箱装450PCS产品每箱, 大号纸箱装1000pcs产品每箱.

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