

Acknowledgement

SPECIFICATION FOR APPROVAL

customer name

CUSTOMER NAME :

product name

P R O D U C T N A M E : 2.4G Stainless steel nickel plated antenna

Customer material number

CUSTOMER P / N :

Ubi electronic material No

UB P / N : UB01NJ3D121A REV : A

	MANUFACTURE R SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY :		
APPROVED BY :		
DATE :	2024/05/24	

C ontents

Item

Description

1. -----	-----
-----	-specification table
2. -----	-----
-----	-finished product map
3. -----	-----
-----	-test report

1. Specification table:

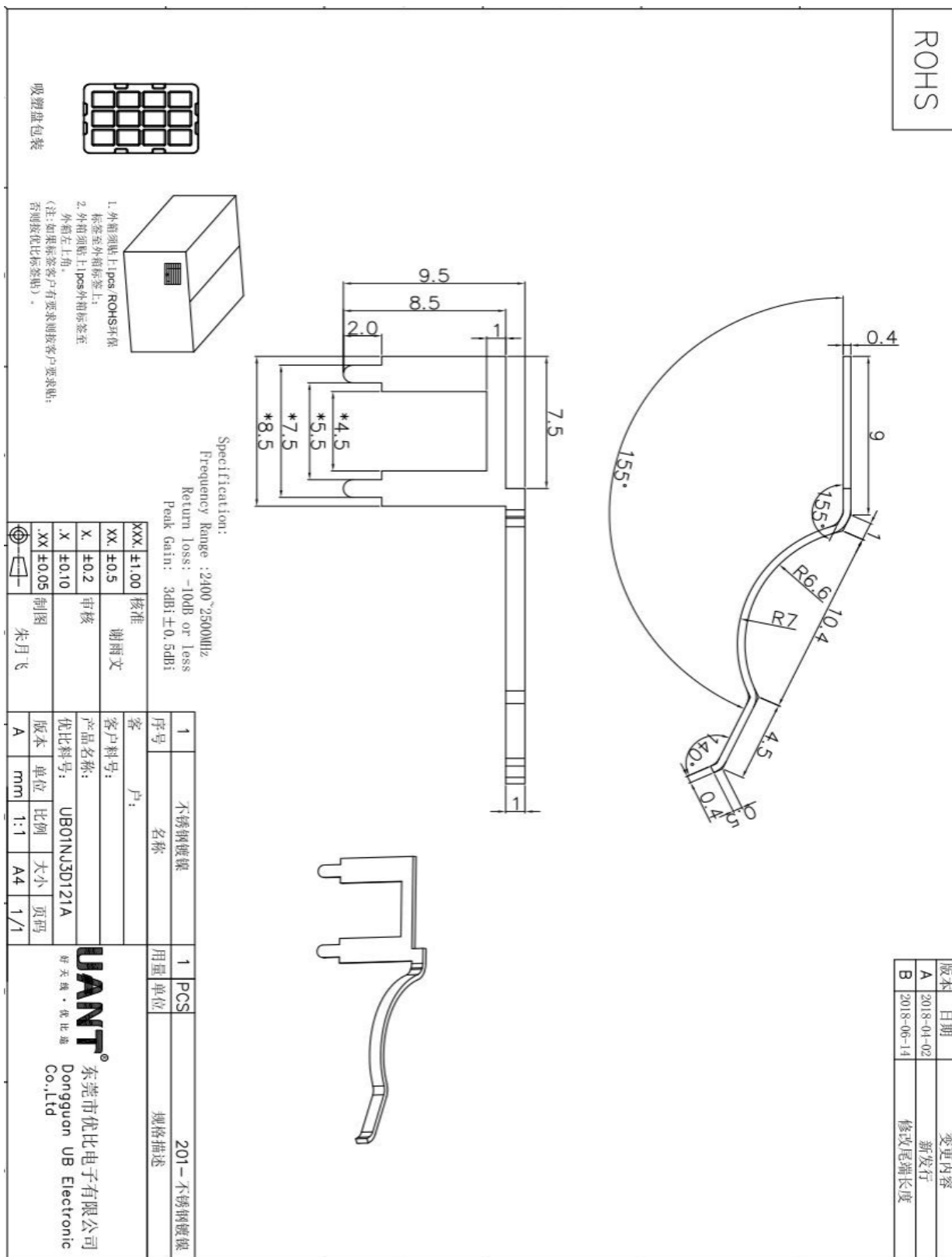
Main technical parameters of the product

the key technical indexes		Main technical specifications	
frequency range (MHZ)	2400~2500	Frequency Range (M HZ)	2400~2500
Feature impedance of (Ω)	50	Impedance (Ω)	50
Peak Gain (dBi)	3±0.5	Peak Gain (dBi)	3±0.5
output voltage standing-wave ratio	≤1.92	VSWR	≤1.92
Polarization mode	linear polarization	Polarization	Linear
physical property		Physical Properties	
Antenna body material		Antenna Base	
working temperature	-20℃~+50℃	Operating Temp	-20℃~+50℃
Save the temperature	-20℃~+50℃	Storage Temp	-20℃~+50℃

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2. Finished product diagram:



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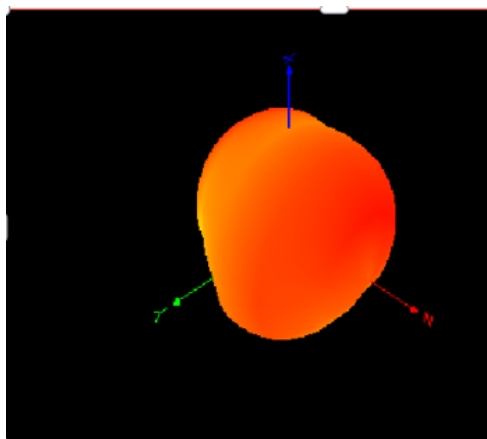
Website: www.ubuant.com

3.2: Dark room 2D, 3DRaditation Pattern (complete machine data)

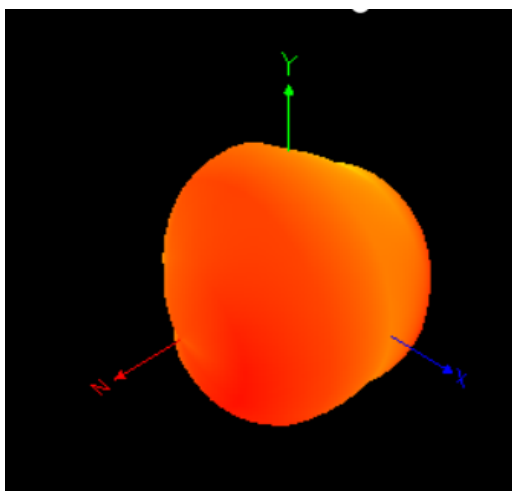
3.2.1 Efficiency and Gain

Frequency (MHz)	Efficiency (%)	Peak Gain / dB
2400	43.3	2.57
2450	47.8	2.86
2500	44.6	2.73

3.2 2D / 3D, field pattern Fig.2



2400MHz



2450MHz

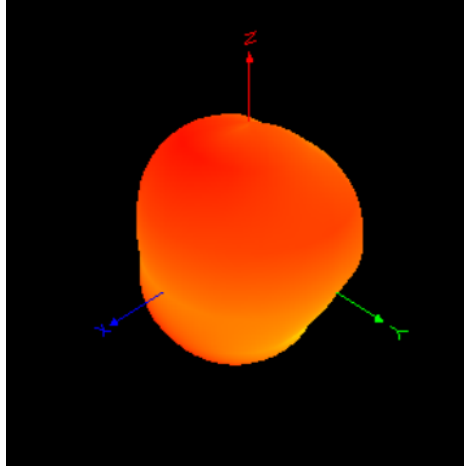
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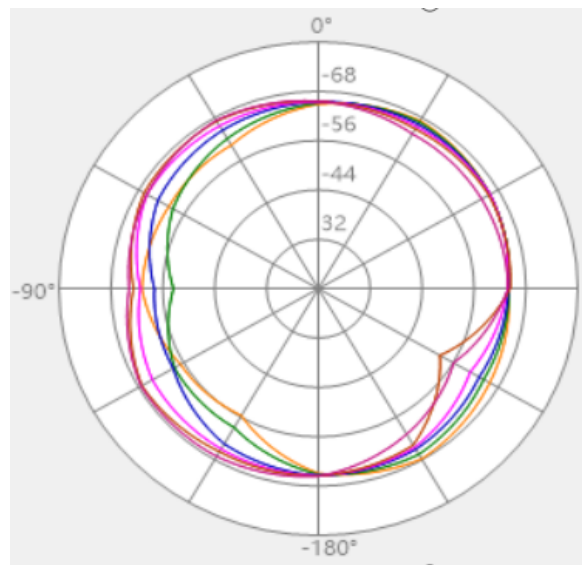
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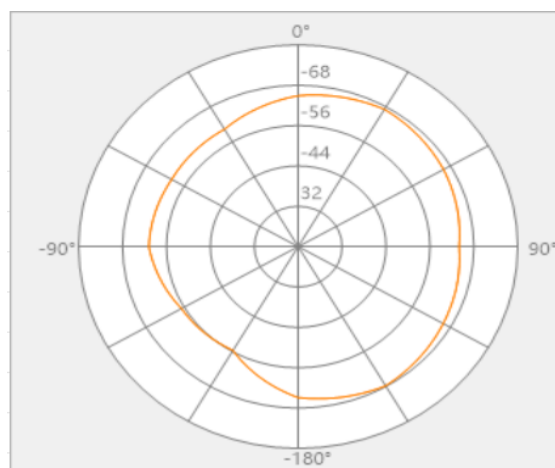
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2500MHz



Phi02D graph



Phi902D graph

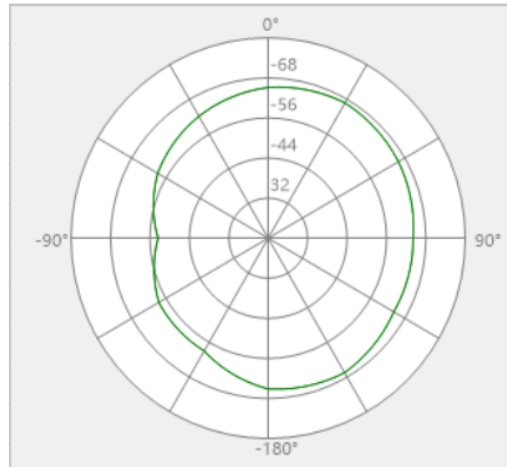
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Theta902D graph

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