



Product Specification

P/N: 366N0434

REV.: X1

Date: 2024/04/02

Protocol: Xue

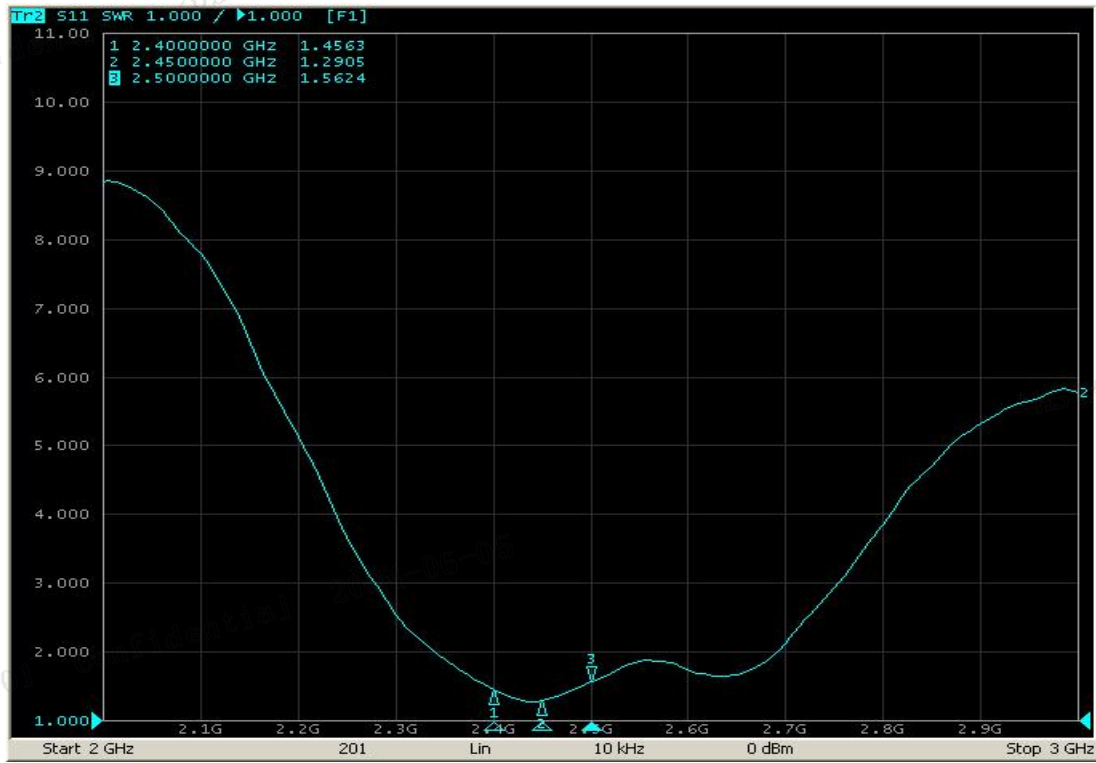
Antenna Specification



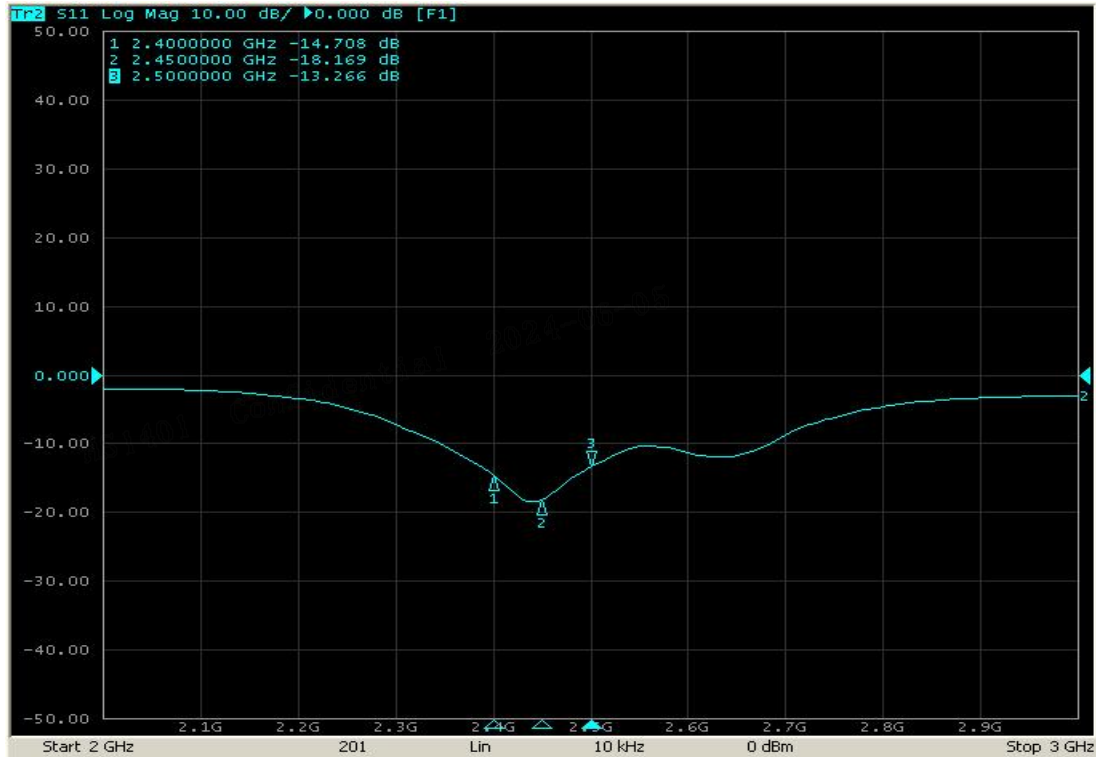
HS-五代 PRO-4#-2.4G 天线 PCB 黑色 To IPEX 一代 OD1.37mm 黑色低损线 L115mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	PCB	
Peak Gain	3.91dBi	
VSWR	2400-2500MHz \leq 2.0	
Polarization Type	linear	
Radiation Type	Omnidirectional	
Connector Type	IPEX 一代	
RF Cable Type	RF1.37 黑色低损线	
Dimension	L115mm	
Operating Temp	-30°C ~ +75°C	
Storage Temp	-30°C ~ +75°C	

1.SWR/驻波图



原匹配

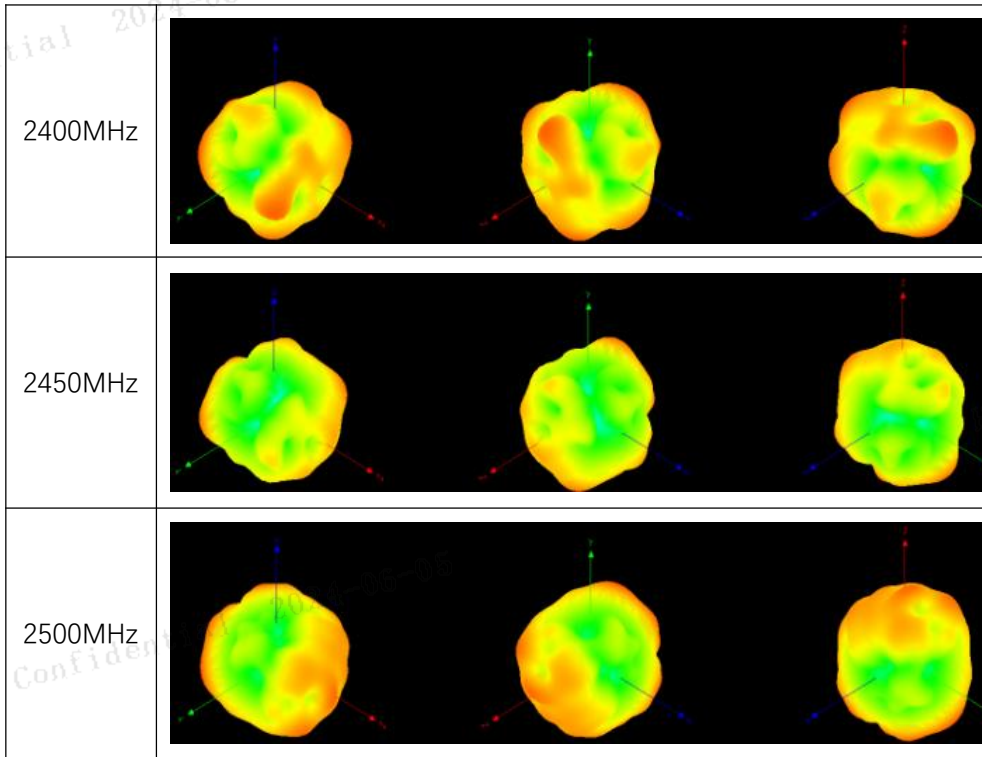


原匹配

2. Efficiency/ Gain Test 效率测试

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	50.93	3.00
2410	50.70	3.24
2420	52.36	3.57
2430	52.72	3.68
2440	51.29	3.68
2450	51.17	3.91
2460	48.75	3.24
2470	47.42	2.89
2480	47.97	2.96
2490	46.34	2.59
2500	45.39	2.18
AVG	49.55	3.18

3. Radiation Pattern 3D/辐射方向图 3D



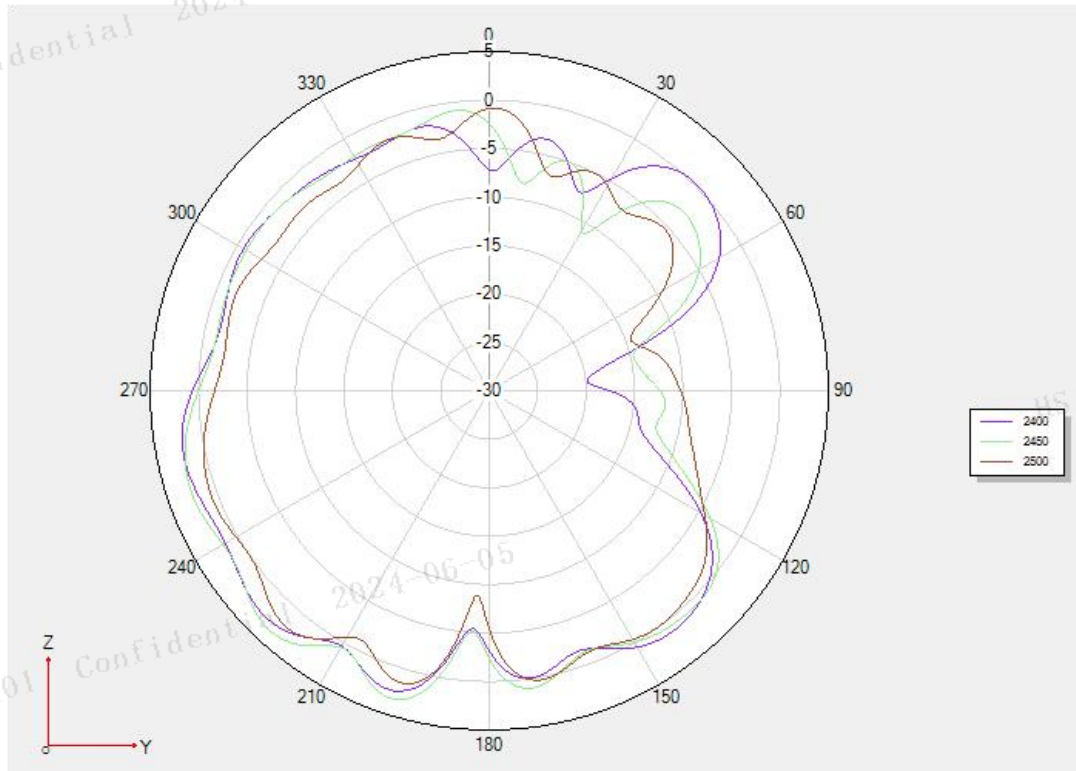
HS1401 Confidential

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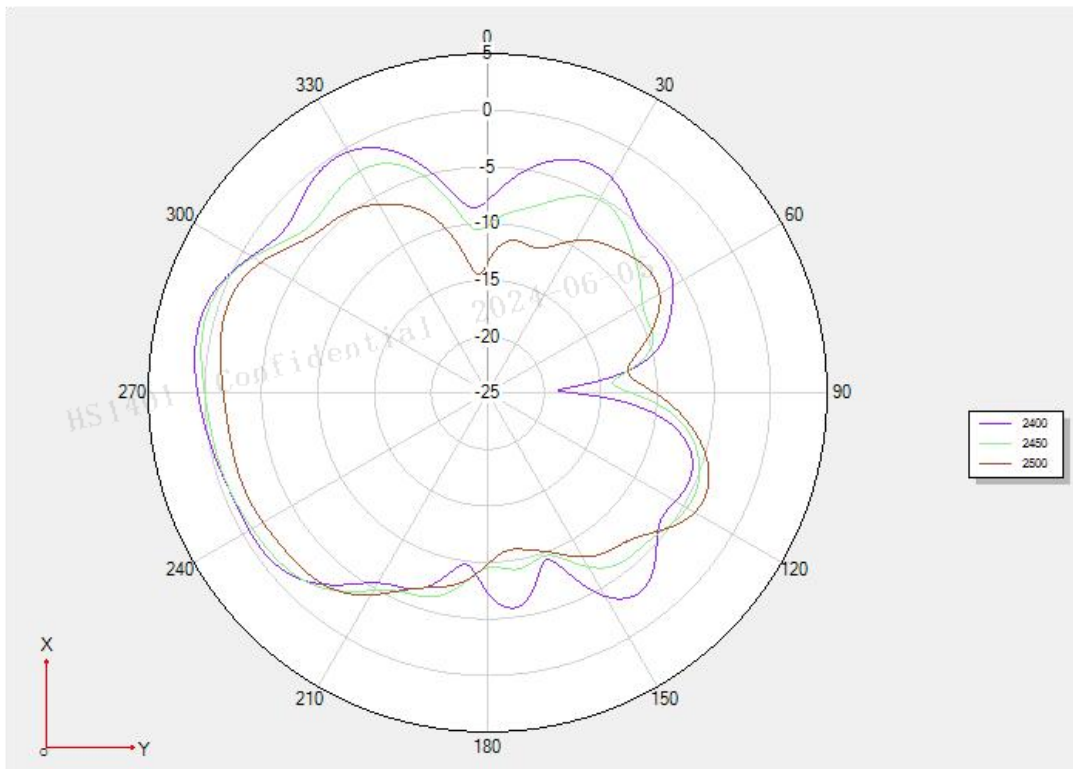
HS1401 Confidential

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4. Radiation Pattern 2D/辐射方向图 2D

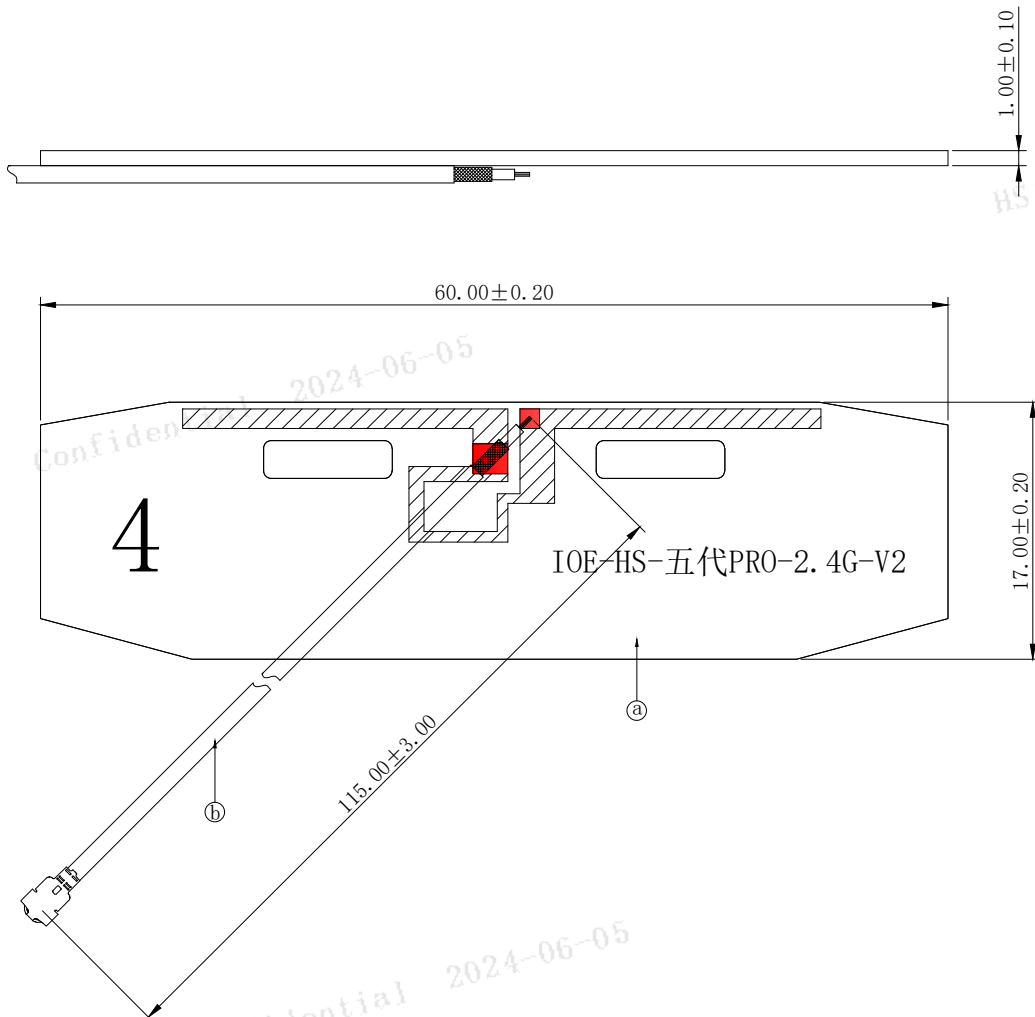


Phi90



Theta90

REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	04/02' 24



技术要求:

1. 焊接不能虚焊、假焊，屏蔽层不能有烫伤。
2. 全检VSWR测试
3. 标有“▼”为重点检测尺寸。
4. 产品需符合本公司ROHS及相关可靠性等要求。



DRAWN:	Tom	DATE:	04/02' 24
CHECK:		DATE:	
APPROVE:		DATE:	

GENERAL TOLERANCE
 . X ± 0.30 ± 1°
 . XX ± 0.15
 . XXX ± 0.15

PROJECT NAME:	HS-五代PRO-4#-2.4G天线
PART NO:	366N0434

TITLE:	HS-五代PRO-4#-2.4G天线 PCB 黑色To	REV.	A
	IPEX一代 OD1.37mm 黑色低损线 L115mm	SHEET:	1/1

ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH
b	CABLE	1		IPEX 一代单头 OD1.37黑色低损线L115mm
a	PCB	1		PCB L60*W17*T1.0mm , 双面黑色

SCALE:	1:1
UNIT:	mm
SIZE:	A4

