



Product Specification

P/N: 366N0434

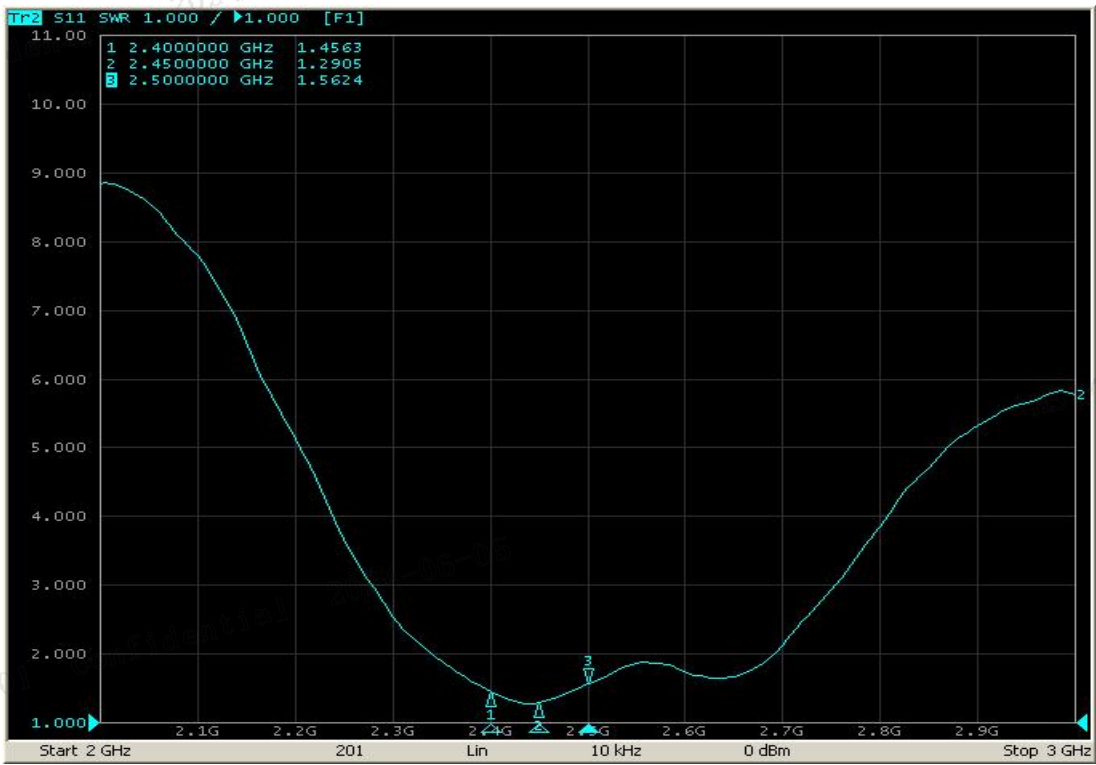
REV.: X1

Date: 2024/04/02

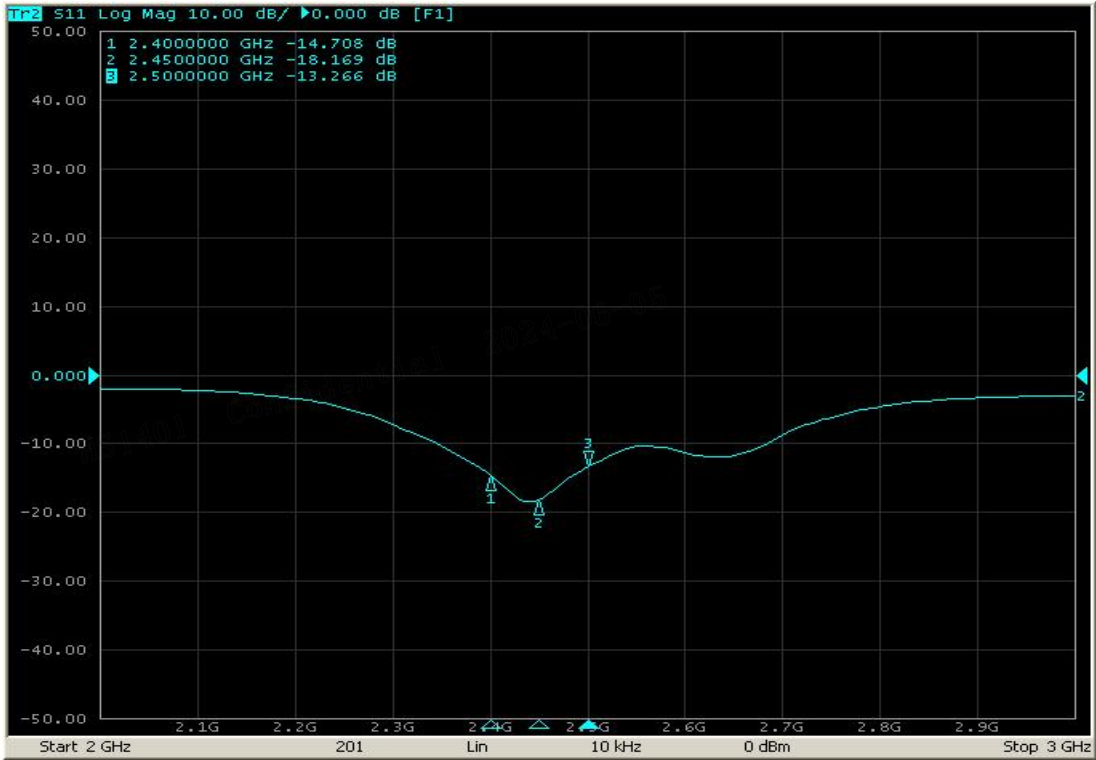
Protocol: Xue

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≤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℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

1.SWR/驻波图



原匹配

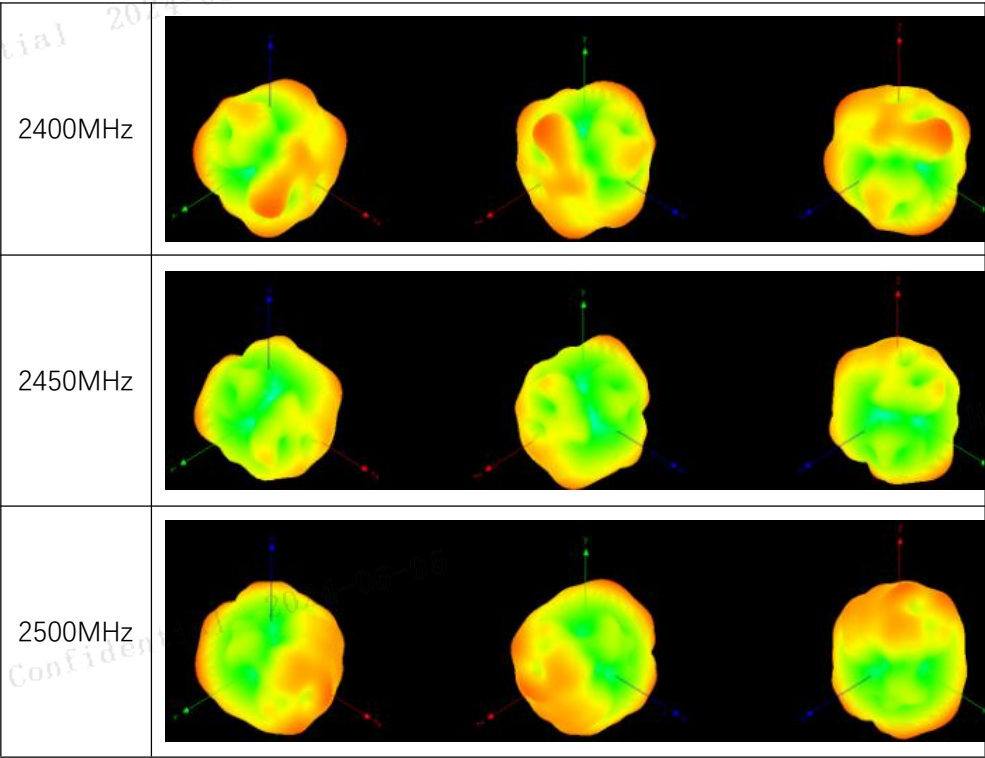


原匹配

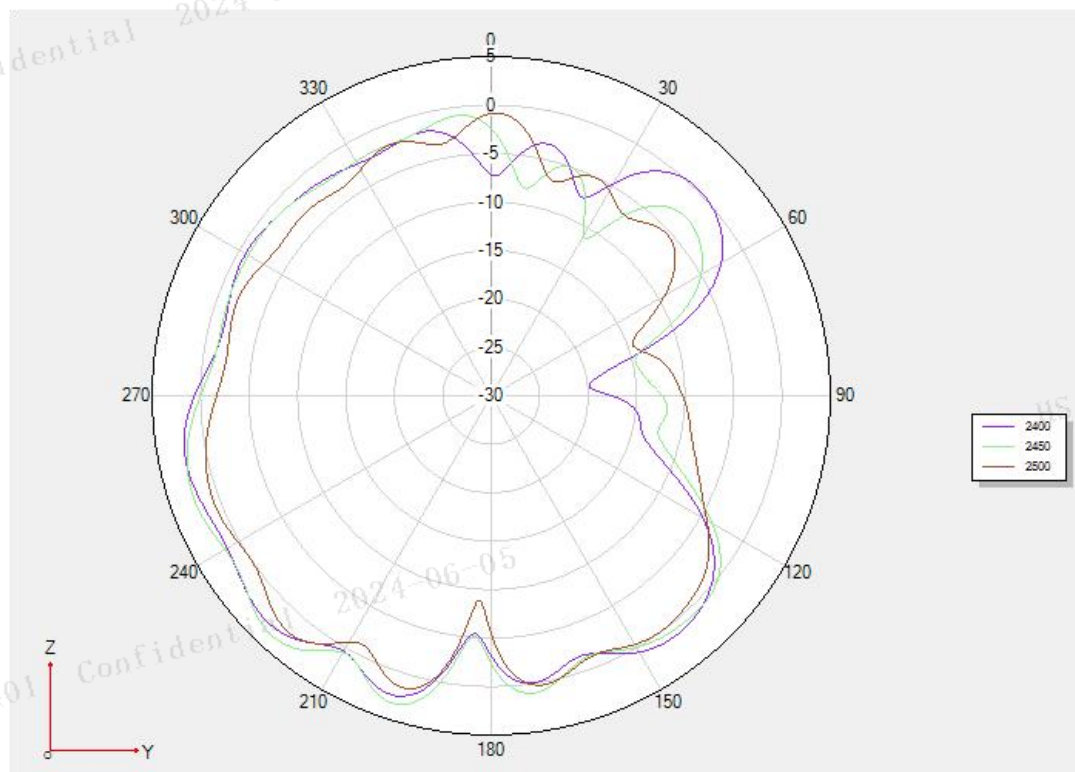
2.Efficiency/ Gain Test 效率测试

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

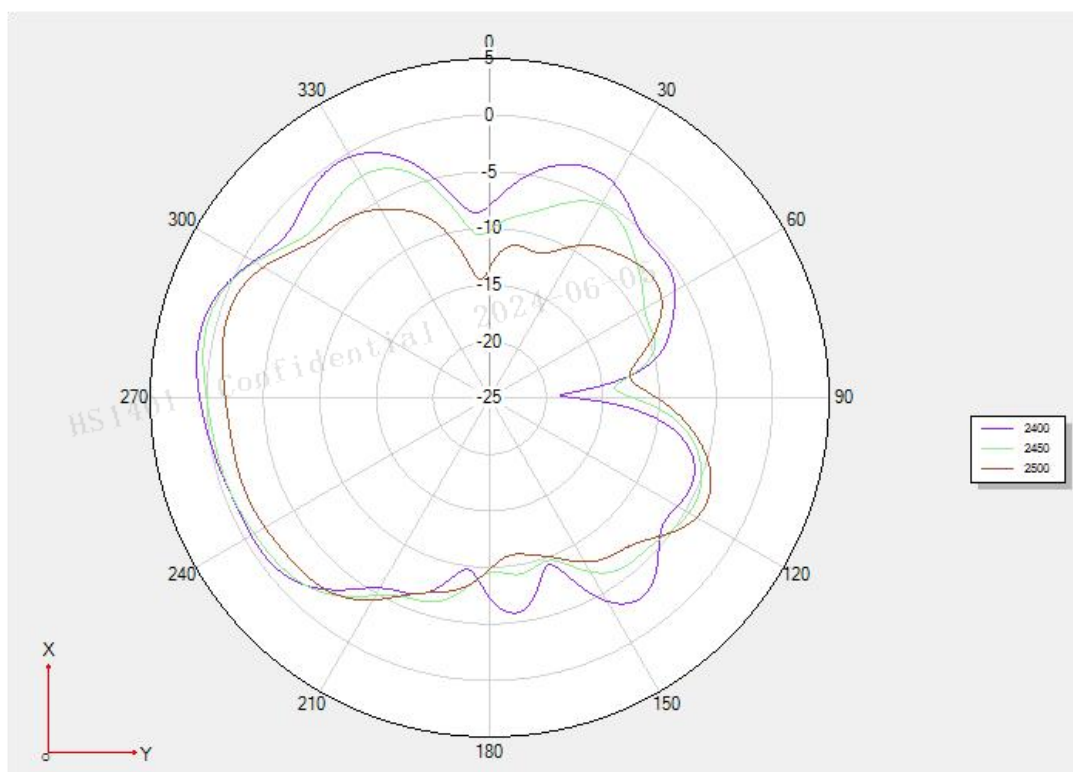
3.Radiation Pattern 3D/辐射方向图 3D



4. Radiation Pattern 2D/辐射方向图 2D



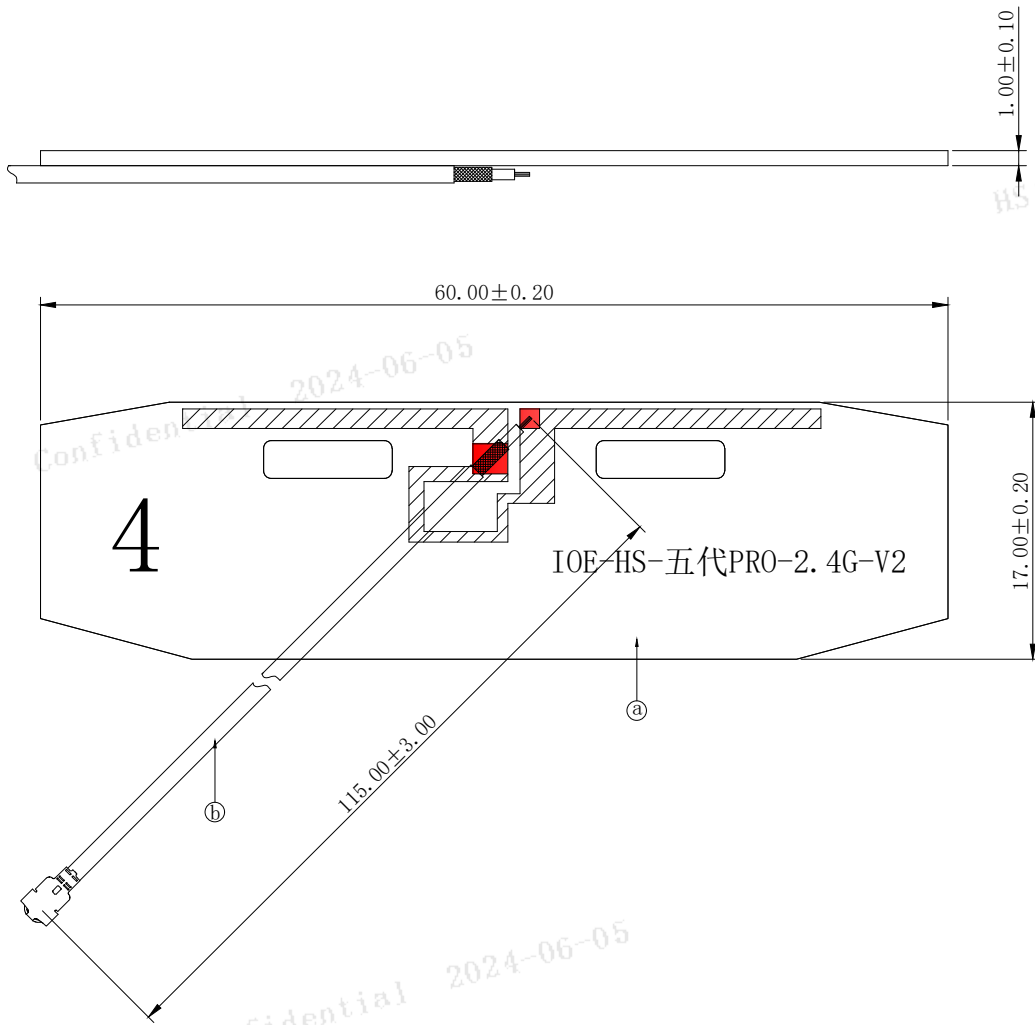
Phi90



Theta90

HS1401

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。

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
ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH



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

SCALE:	1:1
UNIT:	mm
SIZE:	A4

DRAWN:	Tom	DATE:	04/02' 24
CHECK:		DATE:	
APPROVE:		DATE:	
PROJECT NAME:		HS-五代PRO-4#-2.4G天线	
PART NO:		366N0434	
TITLE:			REV.
HS-五代PRO-4#-2.4G天线 PCB 黑色To			A
IPEX一代 OD1.37mm 黑色低损线 L115mm			SHEET:
			1/1