

HS1401 Confidential 2024-06-05

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Product Specification

P/N: 366N0433

REV.: X1

Date: 2024/04/02

Protocol: Xue

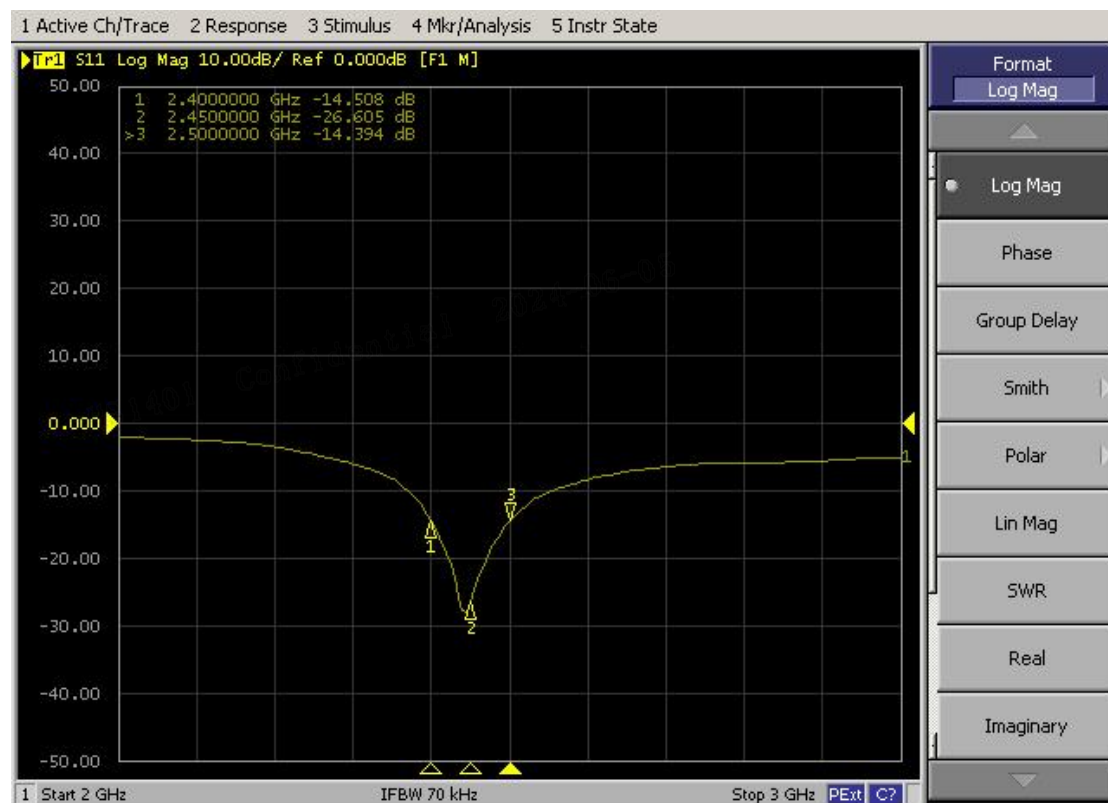
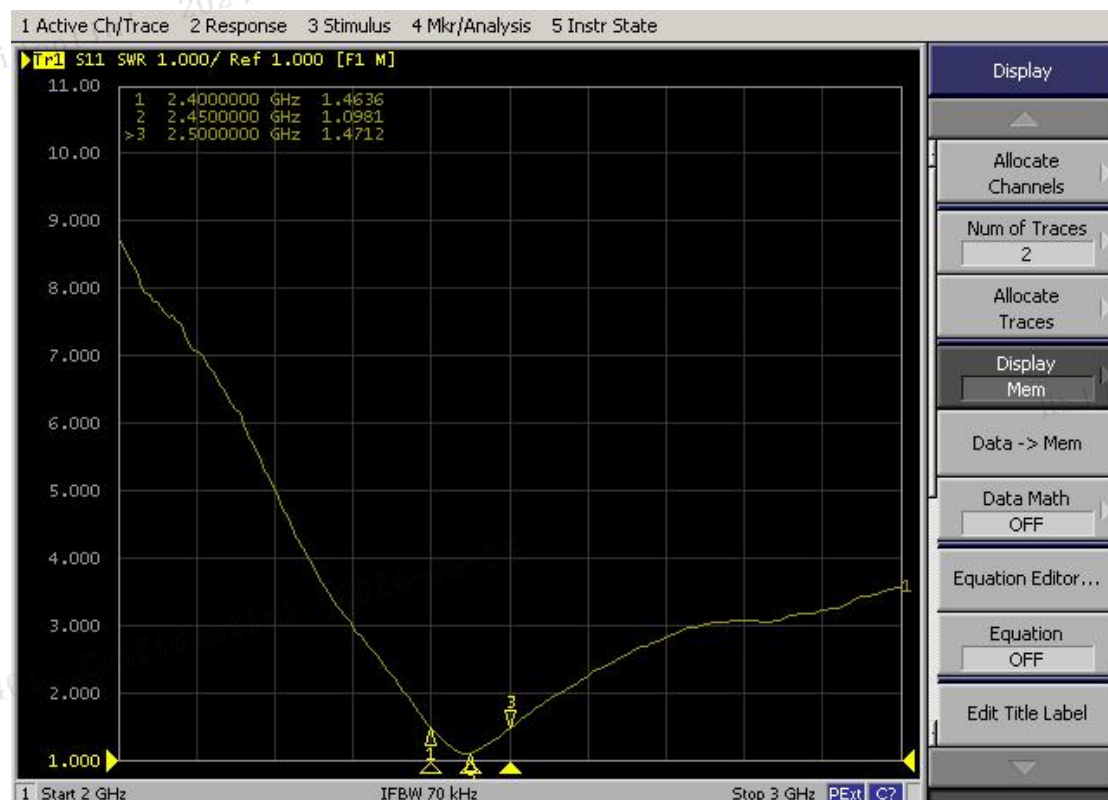
Antenna Specification



HS-五代 PRO-3#-2.4G 全向天线 PCB 黑色 To IPEX 一代 OD1.37mm 黑色低损线 L185mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	PCB	
Peak Gain	4.27dBi	
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	L185mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

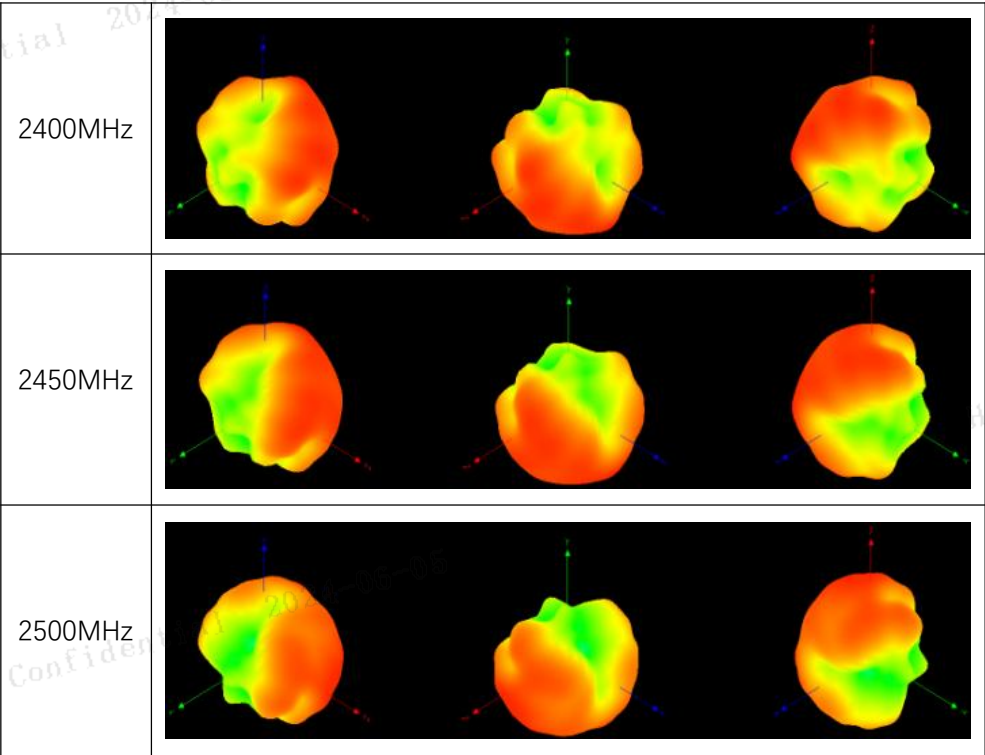
1.SWR/驻波图



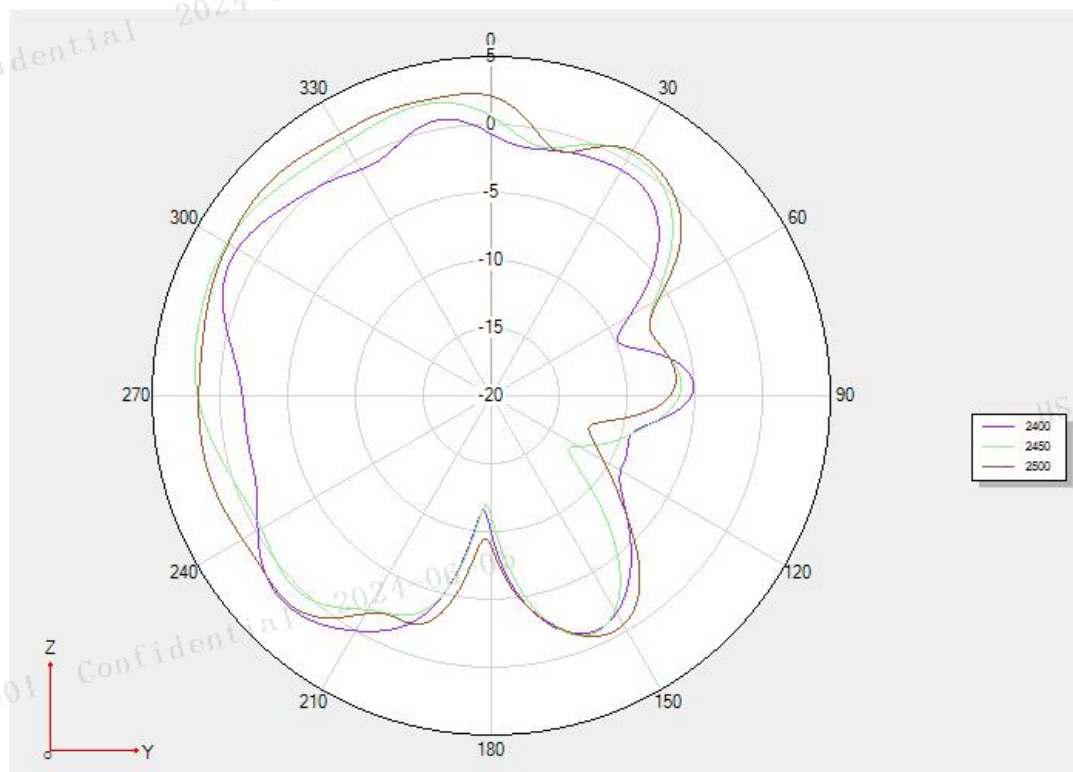
2.Efficiency/ Gain Test 效率测试

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	55.34	3.62
2410	57.02	4.00
2420	60.67	4.27
2430	62.37	4.04
2440	60.39	3.75
2450	60.26	3.80
2460	59.57	3.63
2470	58.61	3.39
2480	57.15	3.48
2490	56.10	3.80
2500	54.70	3.57
AVG	58.38	3.76

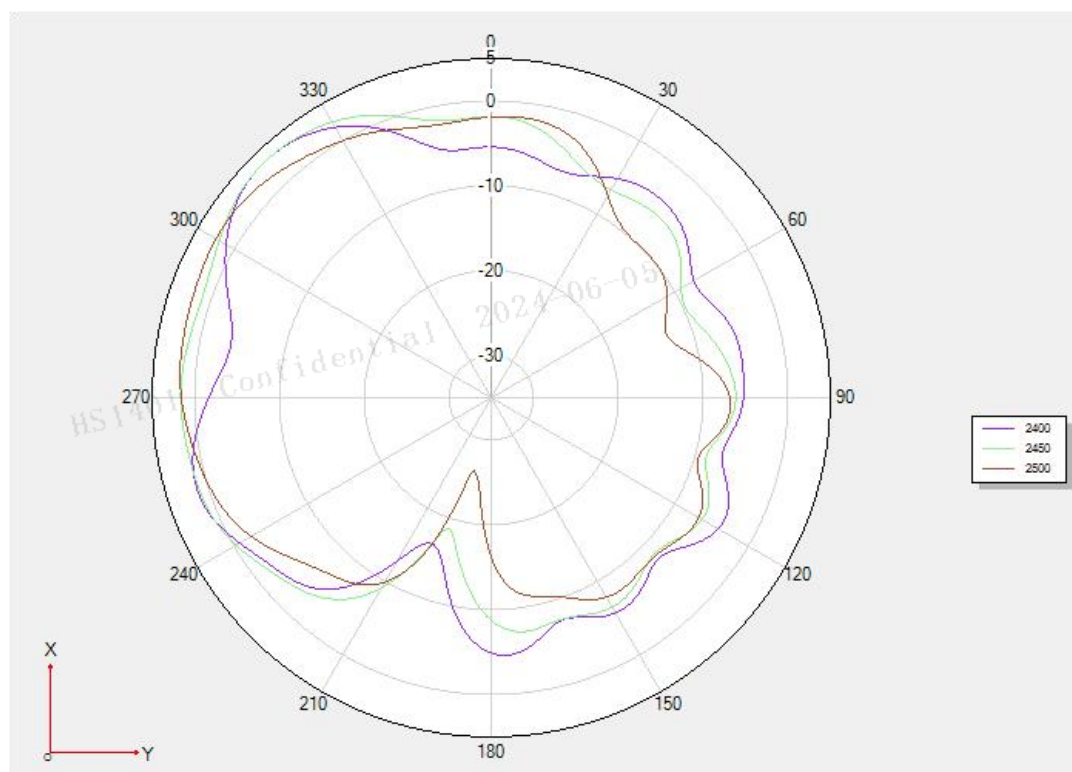
3.Radiation Pattern 3D/辐射方向图 3D



4. Radiation Pattern 2D/辐射方向图 2D

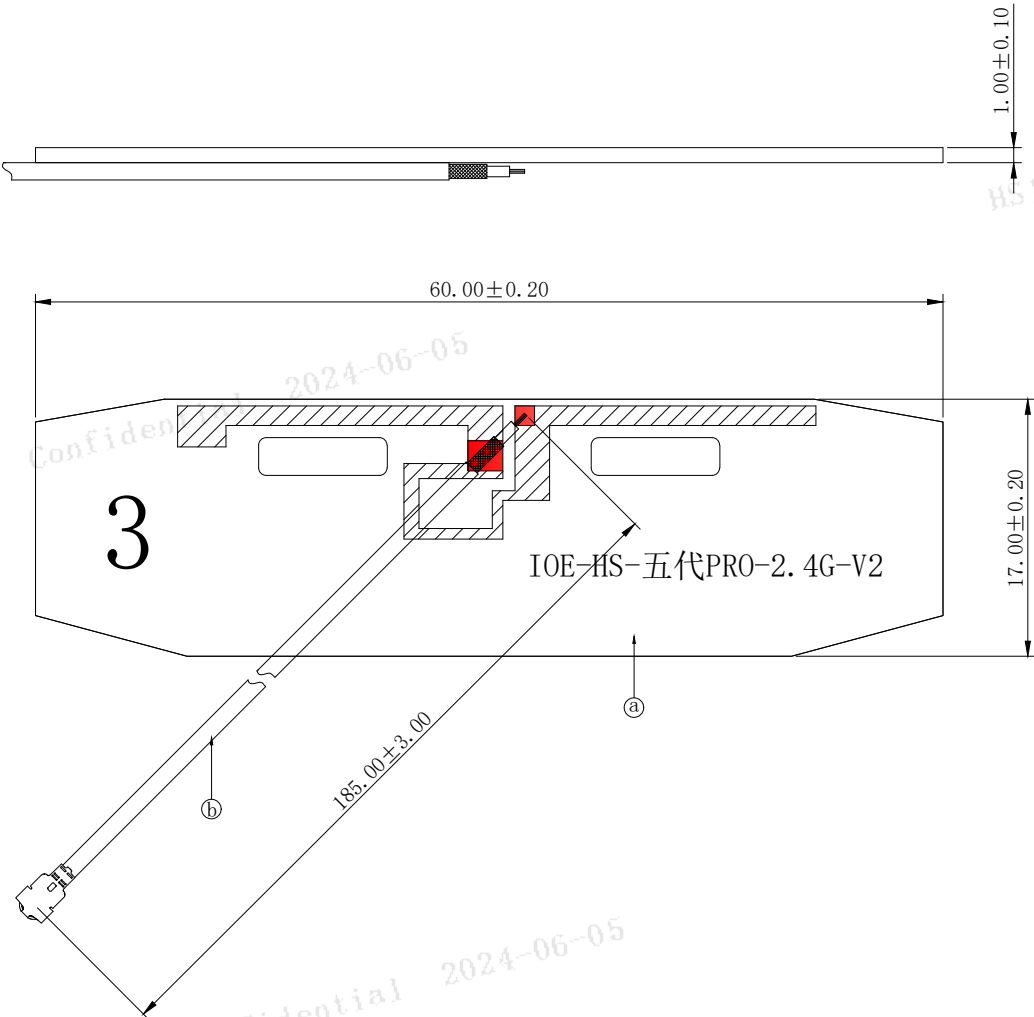


Phi90



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。

b	CABLE	1		IPEX 一代单头 OD1.37黑色低损线L185mm
a	PCB	1		PCB L60*W17*T1.0mm，双面黑色
ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH

	DRAWN: Tom		DATE: 04/02' 24	
	CHECK:		DATE:	
	APPROVE:		DATE:	
	PROJECT NAME: HS-五代PRO-3#-2.4G全向天线			
GENERAL TOLERANCE · X± 0.30 ± 1° · XX± 0.15 · XXX± 0.15		PART NO: 366N0433		
SCALE: 1:1		TITLE:		REV. A
UNIT: mm		HS-五代PRO-3#-2.4G全向天线 PCB 黑色To IPEX一代 OD1.37mm 黑色低损线 L185mm		SHEET: 1/1
SIZE:	A4			