



Product Specification

P/N: 366N0431

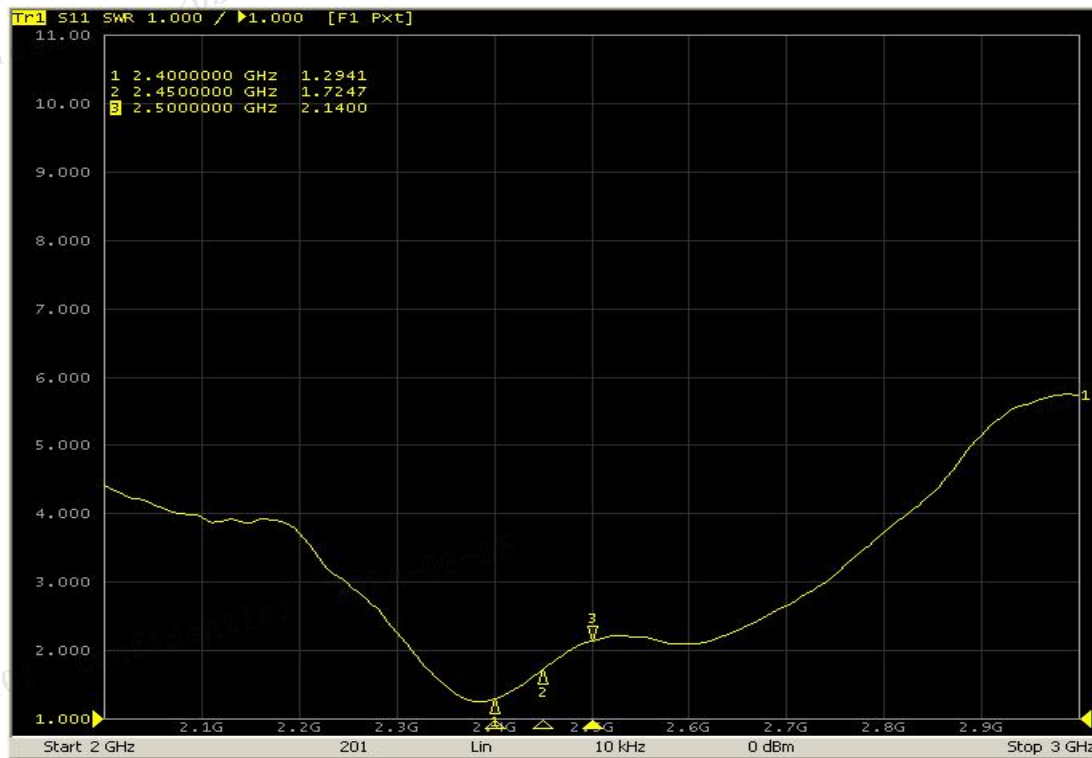
REV.: X1

Date: 2024/04/02

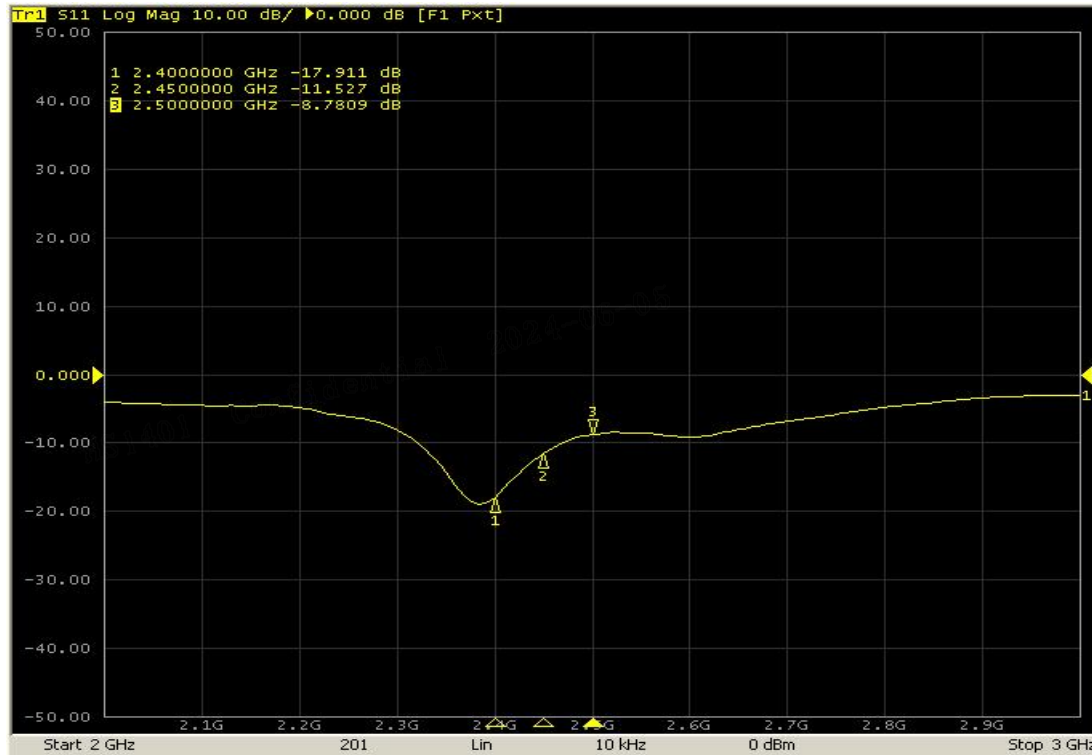
Protocol: Xue

Antenna Specification		
 HS-五代 PRO-1#-钢片天线 To IPEX 一代 OD1.37mm 黑色低损线 L120mm		
Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	Steel Antenna	
Peak Gain	4.07dBi	
VSWR	2400-2500MHz≤2.5	
Polarization Type	linear	
Radiation Type	Omnidirectional	
Connector Type	IPEX 一代	
RF Cable Type	RF1.37 黑色低损线	
Dimension	L120mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

1.SWR/驻波图



原匹配



原匹配

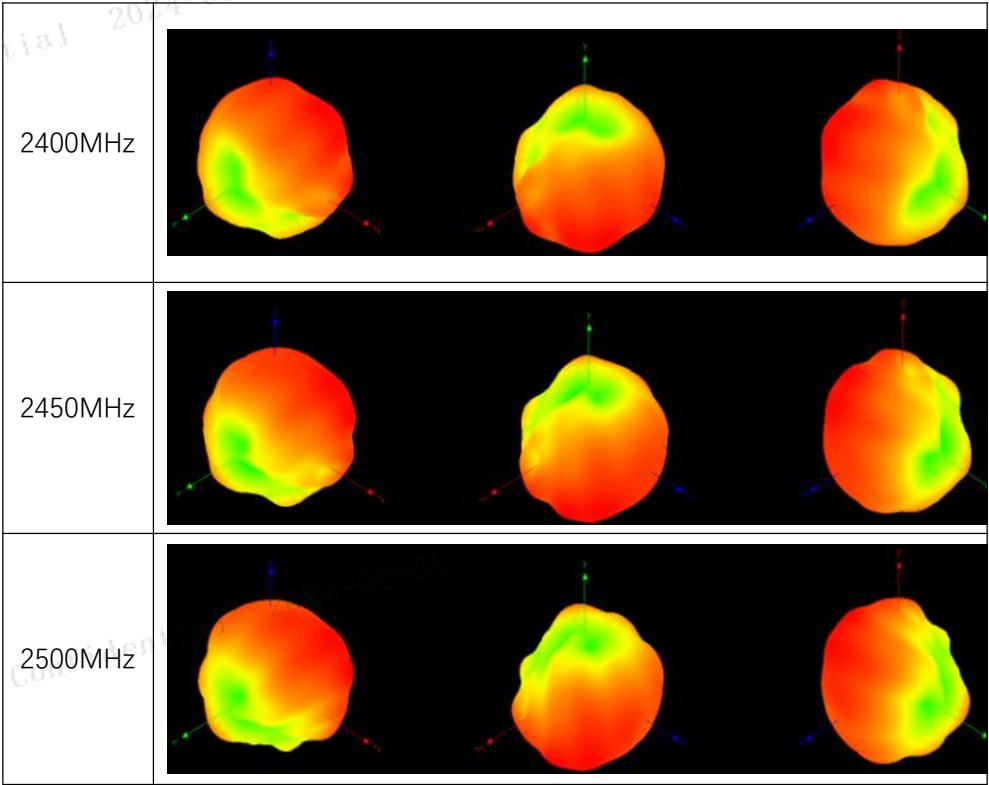
深圳物连通信技术有限公司

Shen Zhen IOE Communication Technology Co., Ltd.

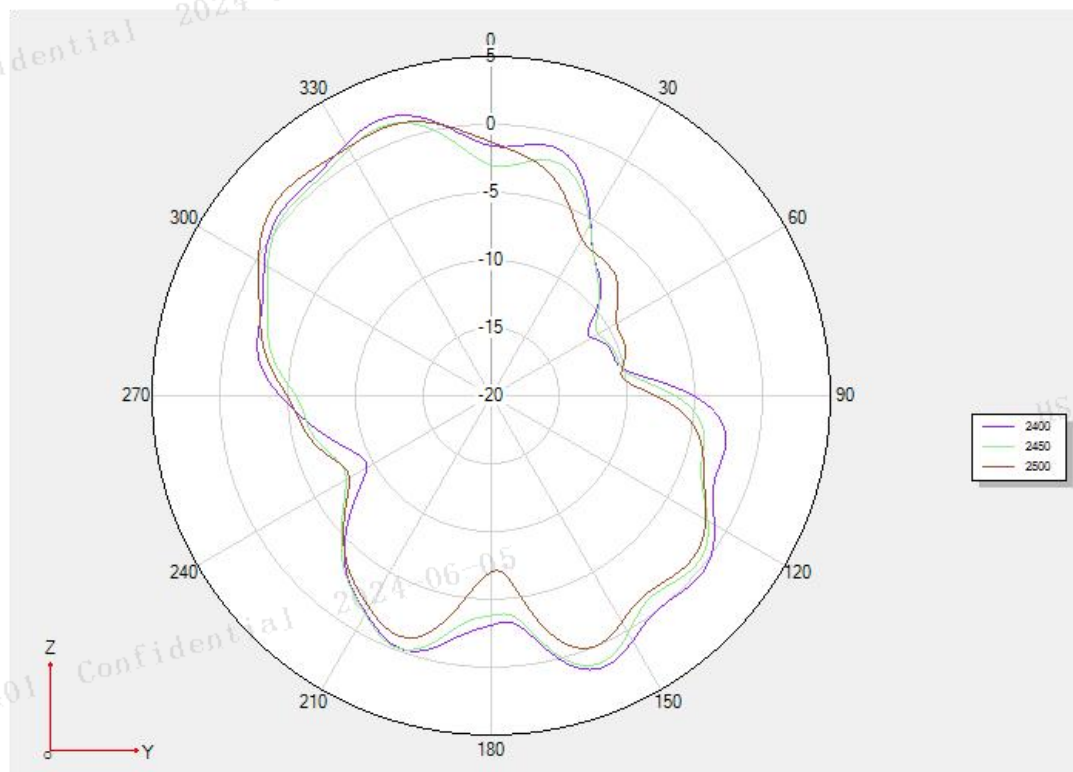
2.Efficiency/ Gain Test 效率测试

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	53.94	3.65
2410	53.52	3.91
2420	54.37	4.07
2430	53.38	3.89
2440	51.28	3.65
2450	49.59	3.71
2460	47.70	3.69
2470	46.36	3.48
2480	44.82	3.30
2490	45.17	3.40
2500	43.55	2.85
AVG	49.43	3.60

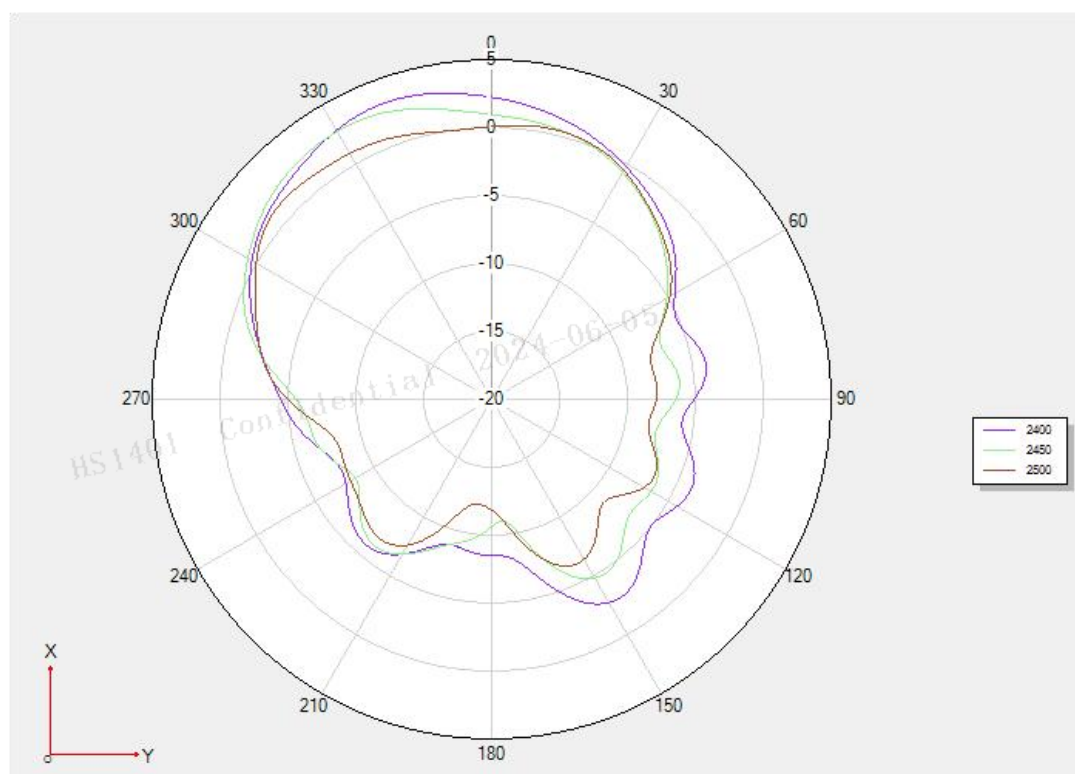
3.Radiation Pattern 3D/辐射方向图 3D



4. Radiation Pattern 3D/辐射方向图 3D

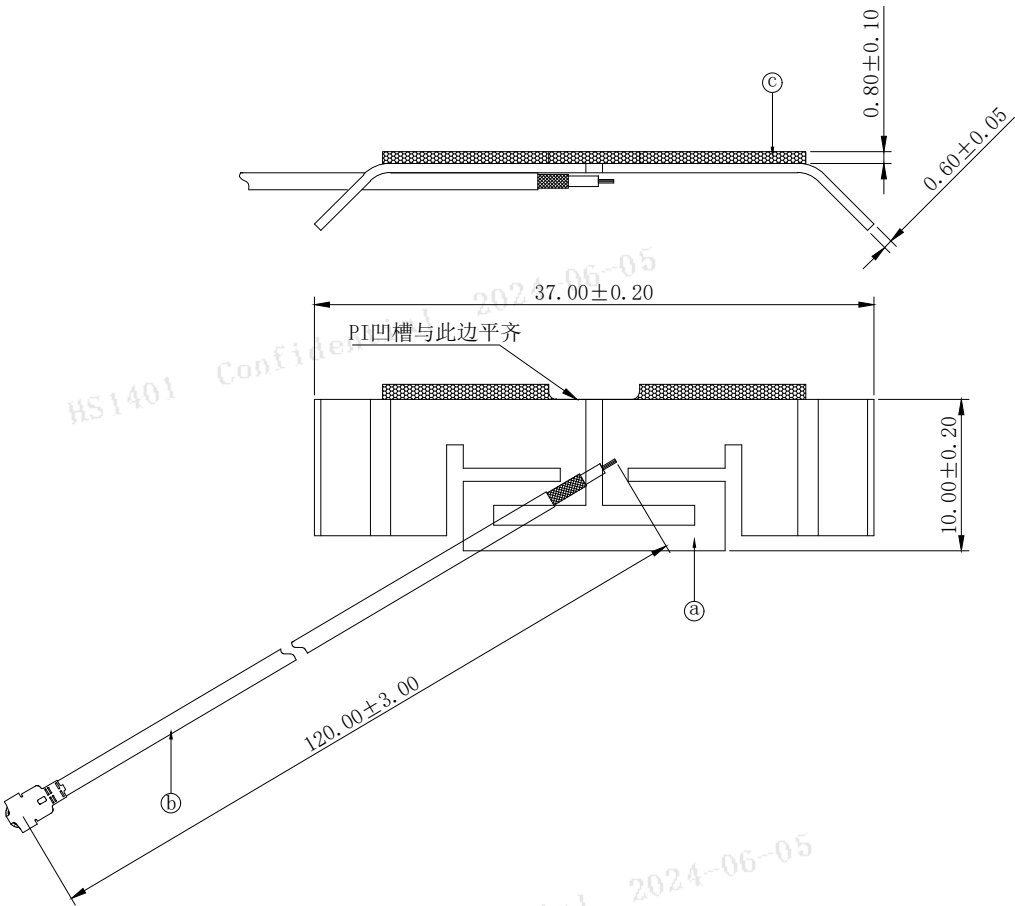


Phi90



Theta 90

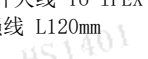
REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	04/02' 24



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。

c	FR4	1		黄色FR4，单面带胶，L28*W9*H0.8mm
b	CABLE	1		IPEX 一代单头 OD1.37黑色低损线L120mm
a	五金天线	1		1/2H不锈钢预镀镍，L37*W10*T0.6mm
ITEM	PART NAME	Q'TY	PART #	MATERIAL / FINISH

		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-1#-钢片天线		
		PART NO:		366N0431		
		TITLE:			REV. A	
		HS-五代PRO-1#-钢片天线 To IPEX一代 OD1.37mm 黑色低损线 L120mm			SHEET: 1/1	
SCALE: 1:1						
UNIT: mm						
SIZE: A4 						