



Product Specification

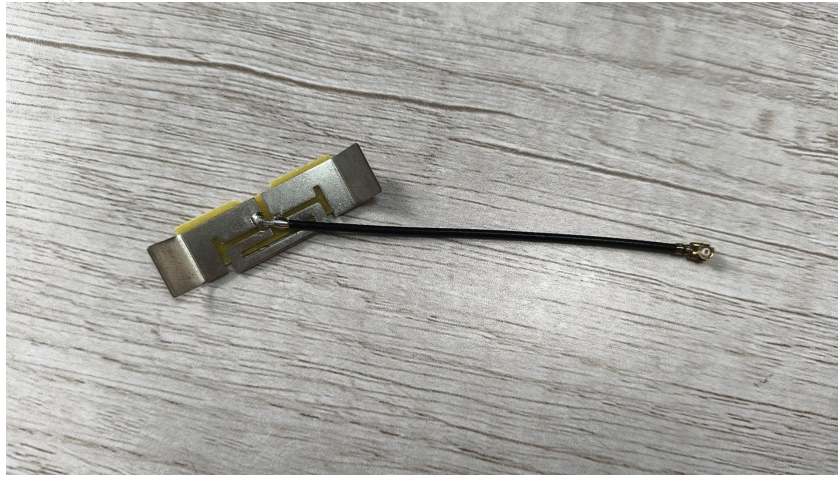
P/N: 366N0437

REV.: X1

Date: 2024/04/02

Protocol: Xue

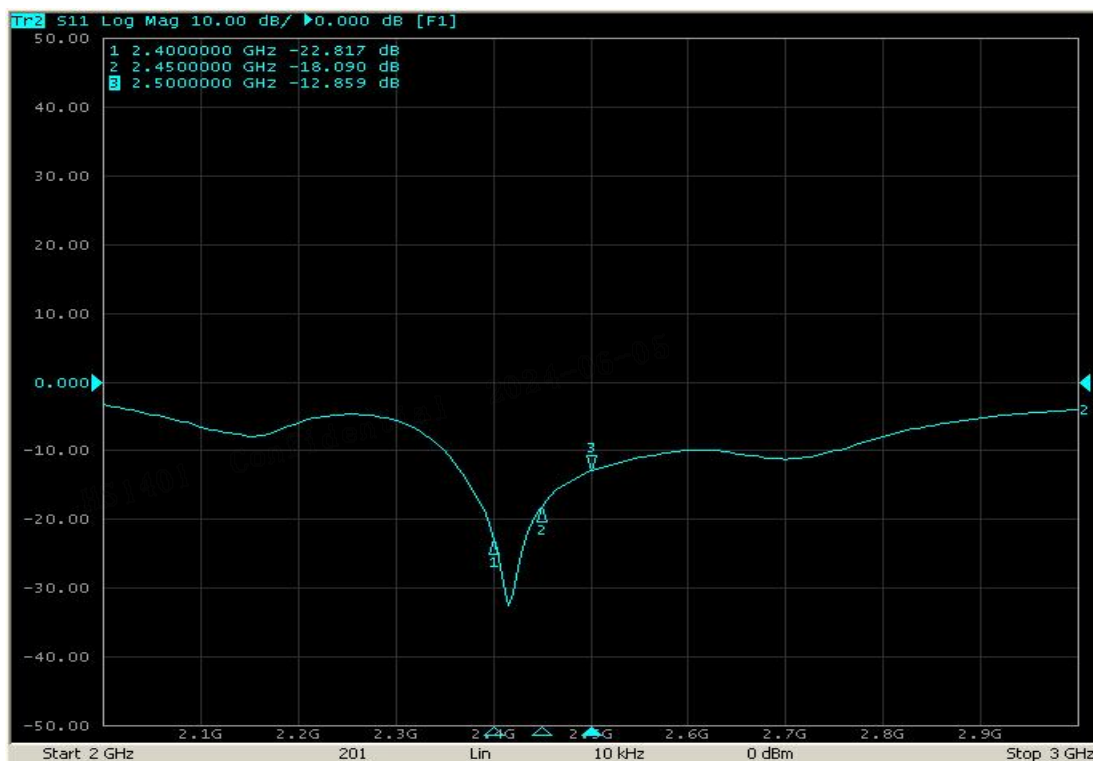
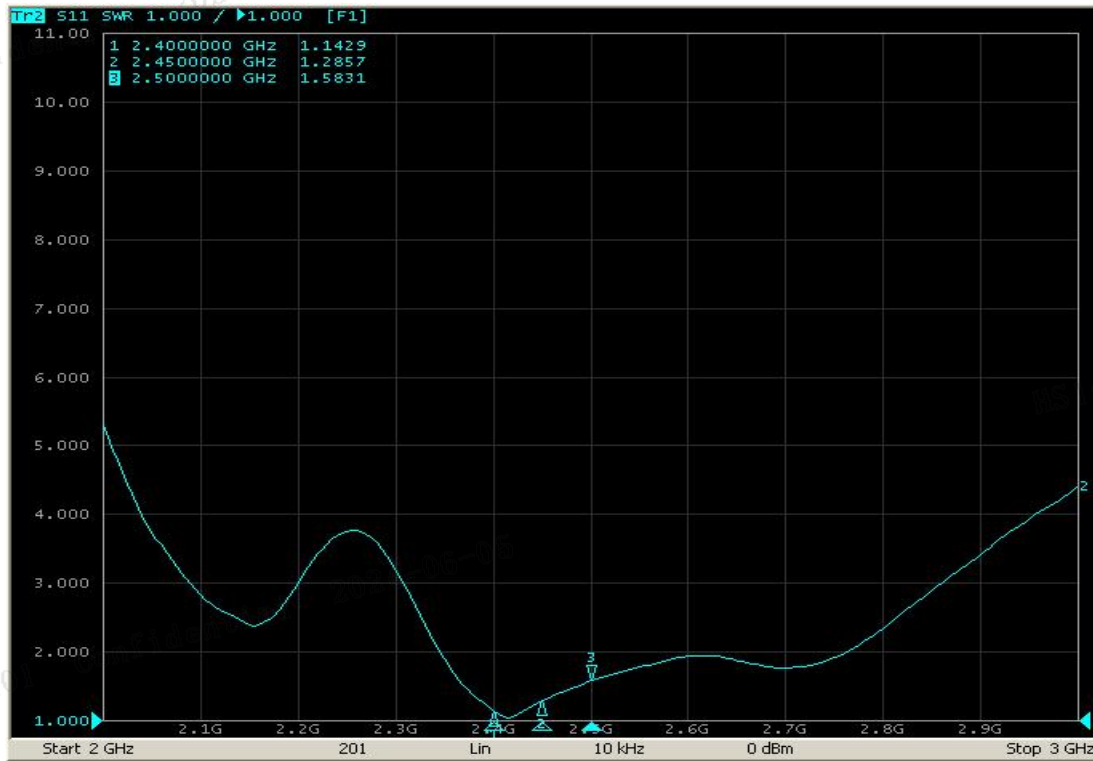
Antenna Specification



HS-五代 PRO-7#-钢片天线 To IPEX 一代 OD1.37mm 黑色低损线 L75mm

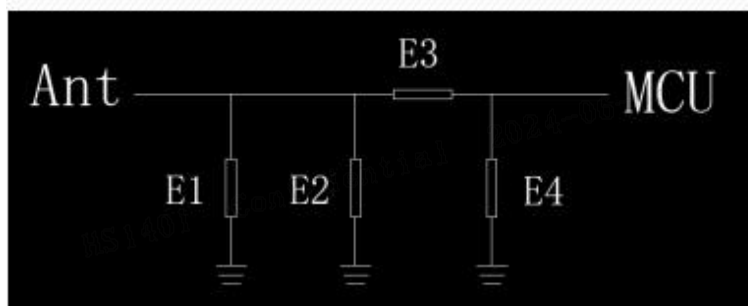
Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	Steel Antenna	
Peak Gain	4.25dBi	
VSWR	2400-2500MHz ≤ 2.0	
Polarization Type	linear	
Radiation Type	Omnidirectional	
Connector Type	IPEX 一代	
RF Cable Type	RF1.37 黑色低损线	
Dimension	L75mm	
Operating Temp	-30°C ~ +75°C	
Storage Temp	-30°C ~ +75°C	

1.SWR/驻波图



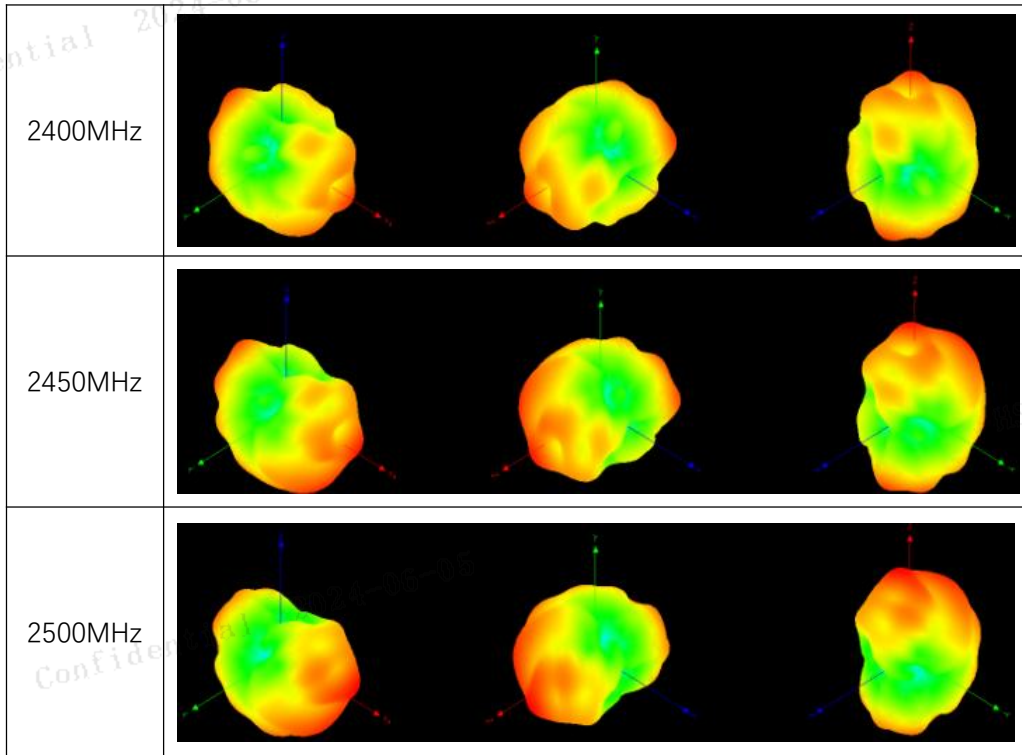
2. Efficiency/ Gain Test 效率测试

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	54.09	4.19
2410	53.64	4.25
2420	55.23	3.96
2430	54.77	3.72
2440	52.53	3.01
2450	51.67	3.32
2460	49.98	3.09
2470	48.75	2.73
2480	48.65	2.86
2490	48.35	3.36
2500	47.66	3.13
AVG	51.39	3.42



Element	Value
E1	原匹配
E2	NC
E3	1.5nH
E4	NC

3. Radiation Pattern 3D/辐射方向图 3D



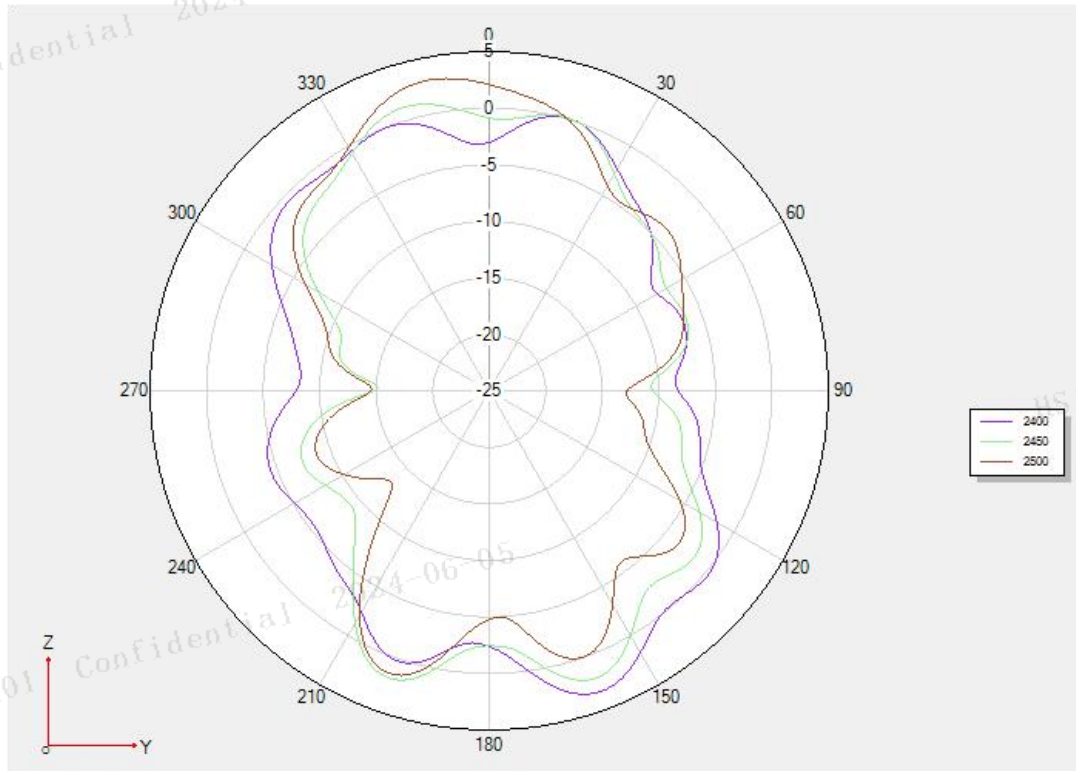
HS1401 Confidential

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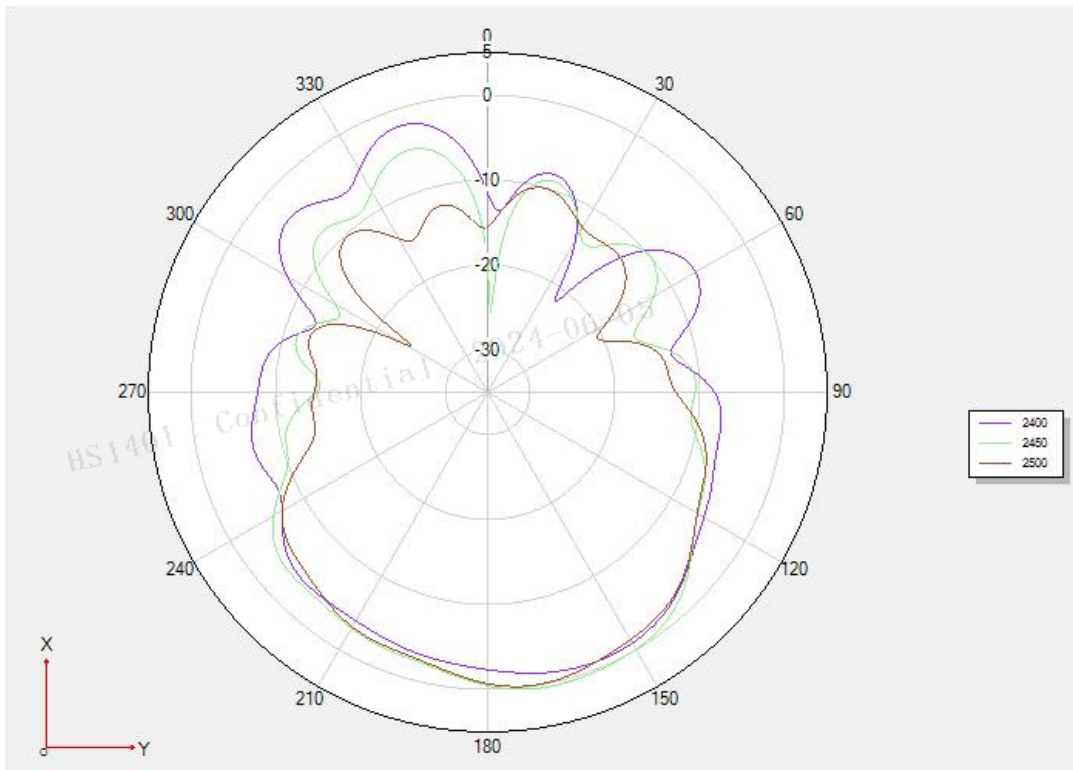
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4. Radiation Pattern 3D/辐射方向图 3D

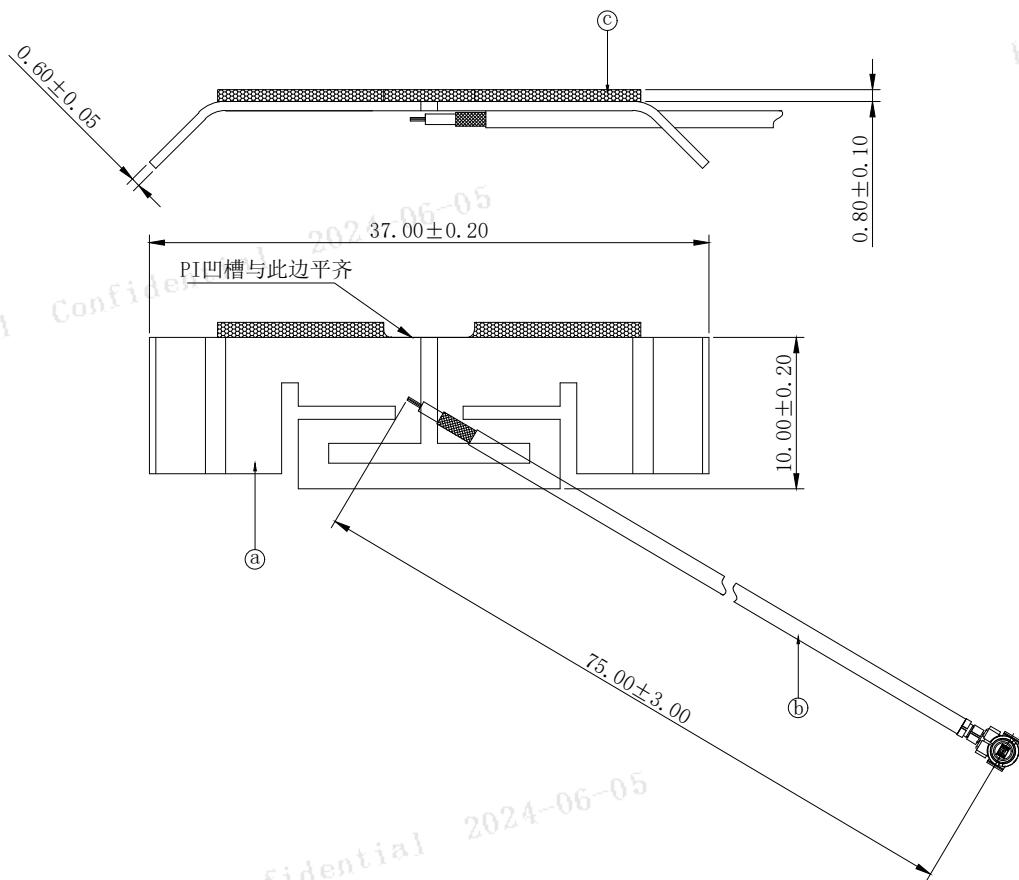


Phi90



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。

ITEM	PART NAME	Q'TY	PART #	MATERIAL / FINISH
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L75mm
a	五金天线	1		1/2H不锈钢预镀镍, L37*W10*T0.6mm



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-7#-钢片天线	
PART NO: 366N0437	
TITLE: HS-五代PRO-7#-钢片天线 To IPEX一代 OD1.37mm 黑色低损线 L75mm	REV. A
	SHEET: 1/1