



Product Specification

P/N: 366N0436

REV.: X1

Date: 2024/04/02

Protocol: Xue

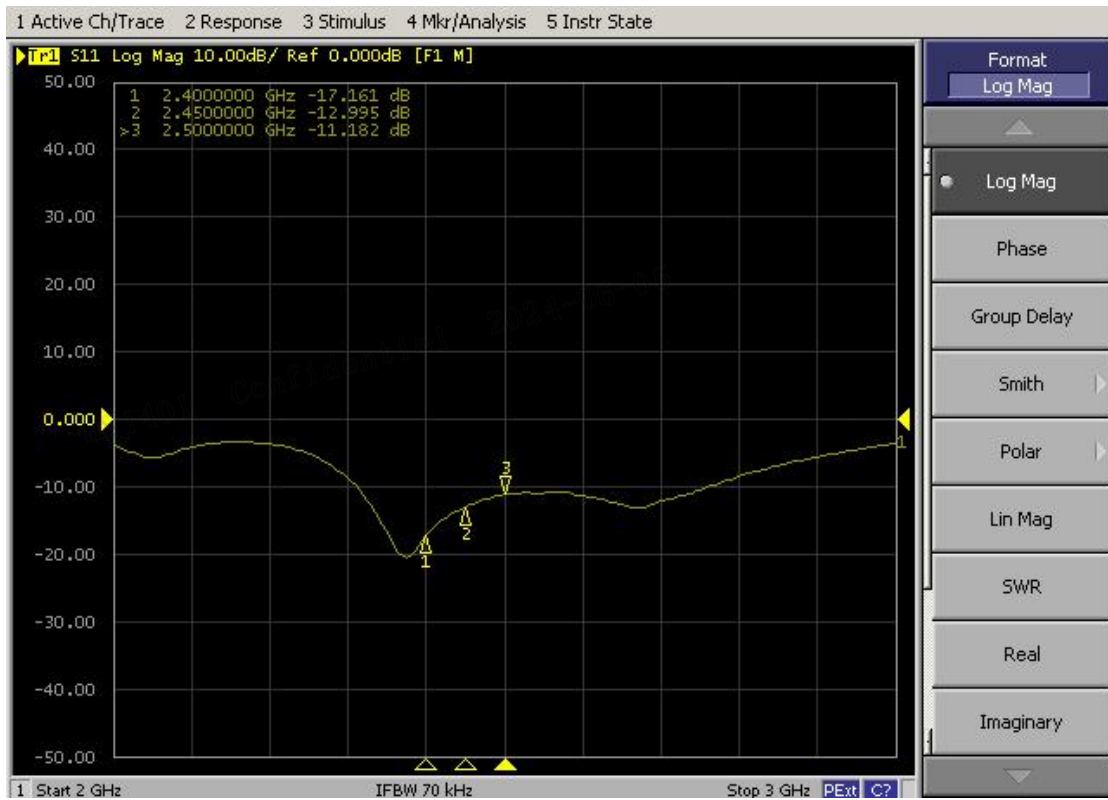
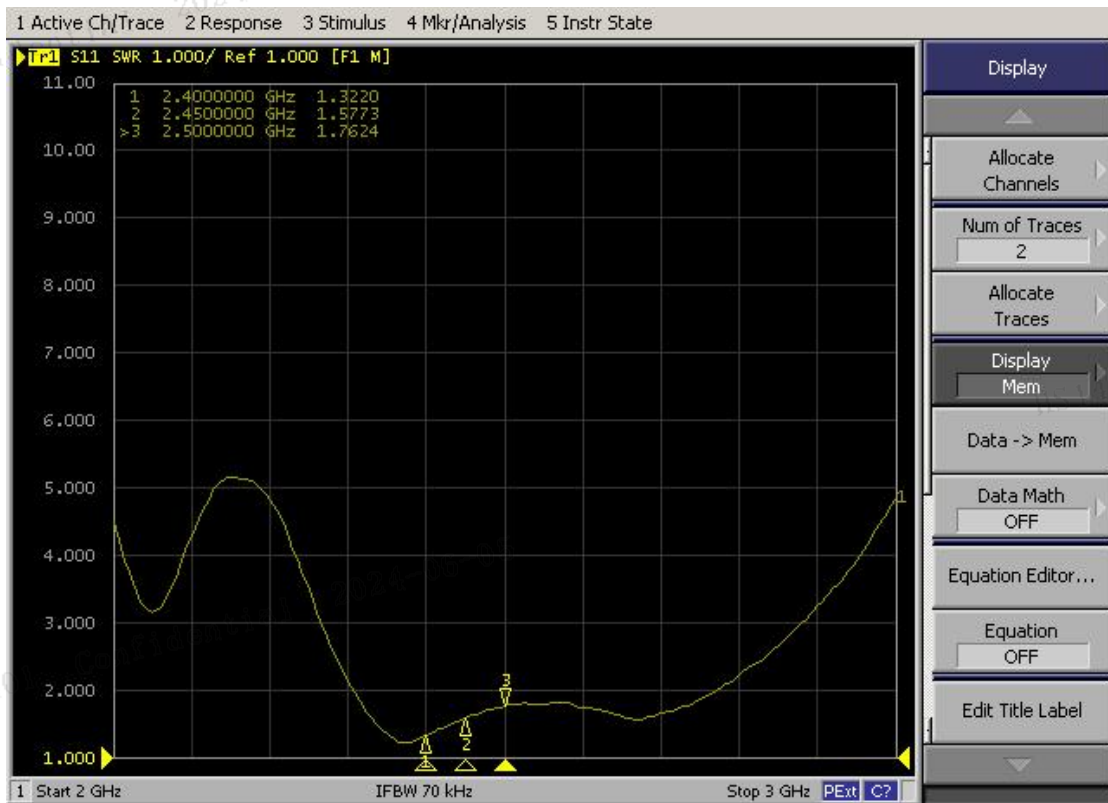
Antenna Specification



HS-五代 PRO-6#-2.4G 全向天线 PCB 黑色 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	PCB	
Peak Gain	4.17dBi	
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	L120mm	
Operating Temp	-30°C ~ +75°C	
Storage Temp	-30°C ~ +75°C	

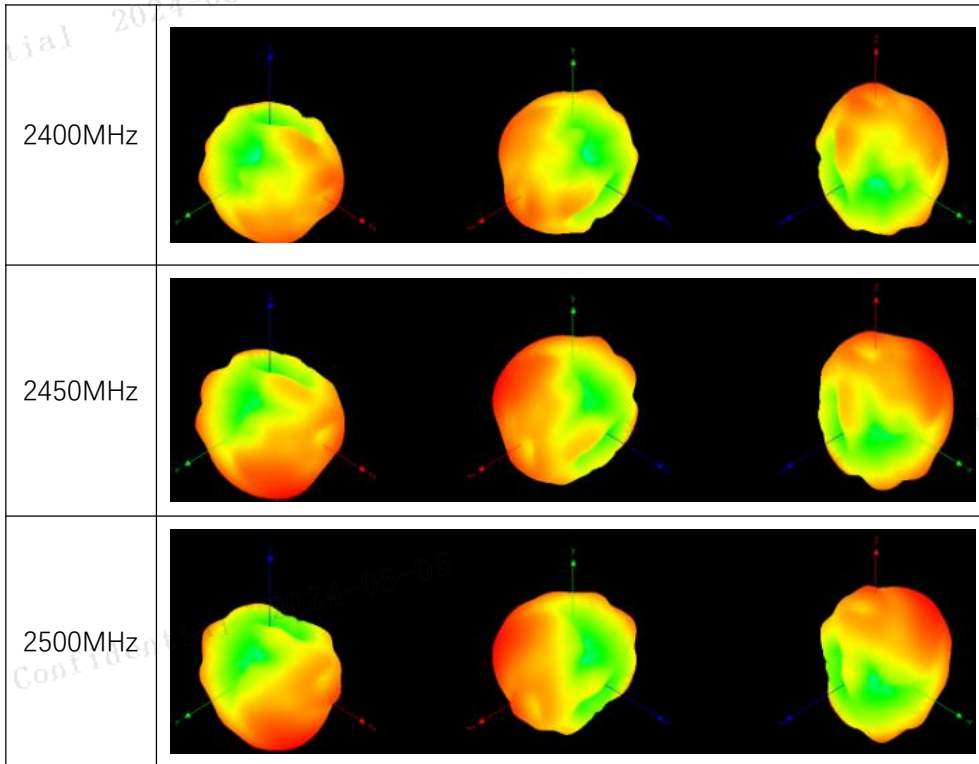
1.SWR/驻波图



2. Efficiency/ Gain Test 效率测试

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	57.24	4.17
2410	57.00	4.09
2420	58.83	3.81
2430	58.09	3.47
2440	55.58	2.61
2450	54.55	2.79
2460	52.64	2.93
2470	51.13	2.78
2480	50.81	2.83
2490	50.71	3.22
2500	49.98	2.97
AVG	54.23	3.24

3. Radiation Pattern 3D/辐射方向图 3D



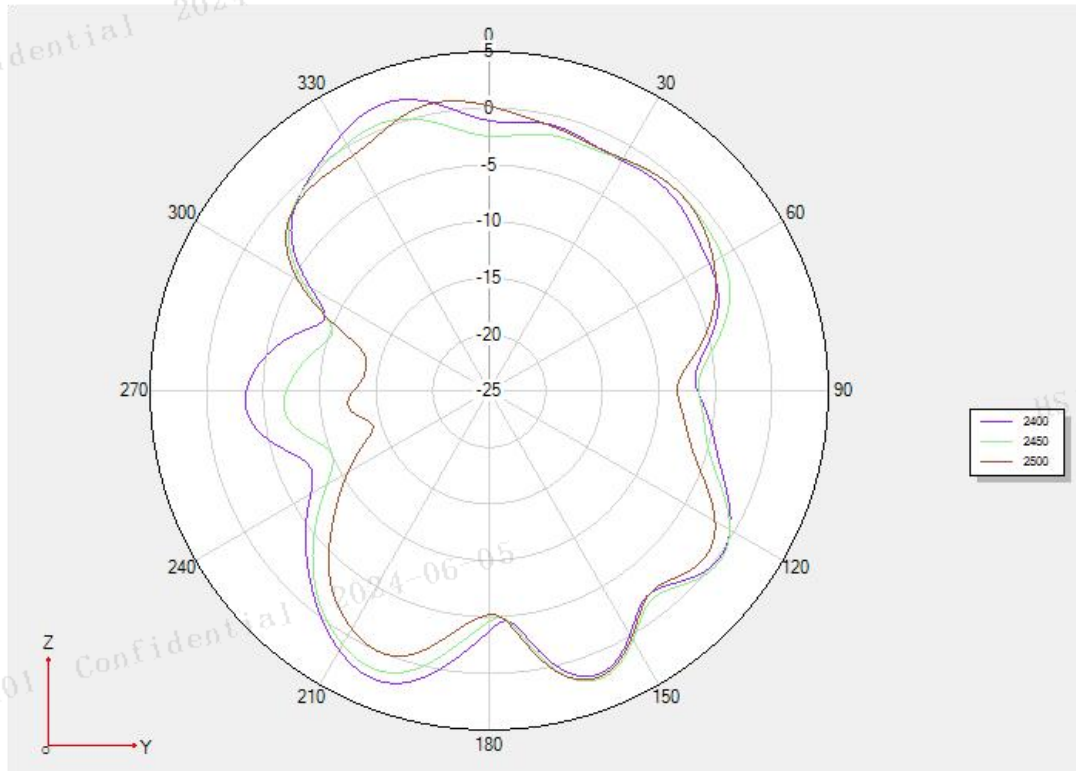
HS1401 Confidential

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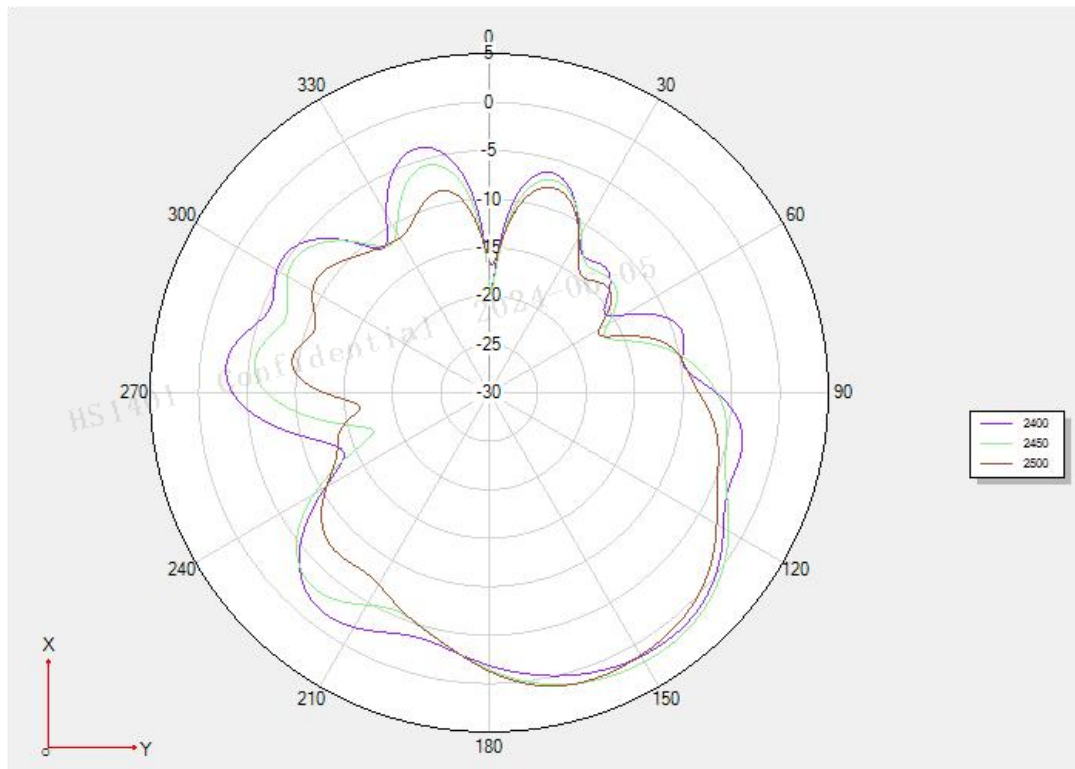
HS1401 Confidential

HS1401 Confidential 2024-06-05

4. Radiation Pattern 2D/辐射方向图 2D

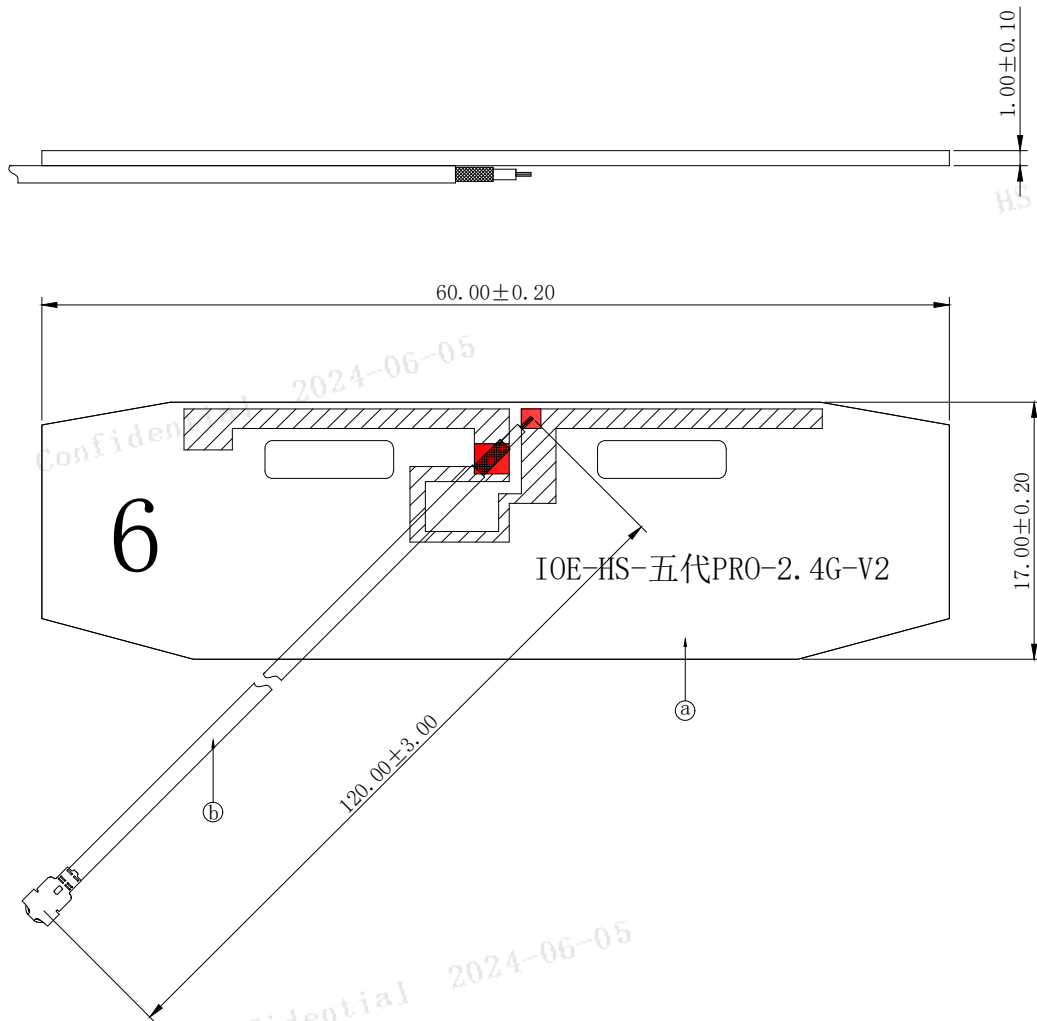


Phi90



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-6#-2.4G全向天线	
PART NO: 366N0436	
TITLE:	REV.
HS-五代PRO-6#-2.4G全向天线 PCB 黑色To	A
IPEX一代 OD1.37mm 黑色低损线 L120mm	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L120mm
a	PCB	1		PCB L60*W17*T1.0mm , 双面黑色

SCALE:	1:1
UNIT:	mm
SIZE:	A4

HS-五代PRO-6#-2.4G全向天线 PCB 黑色To	
IPEX一代 OD1.37mm 黑色低损线 L120mm	