



Product Specification

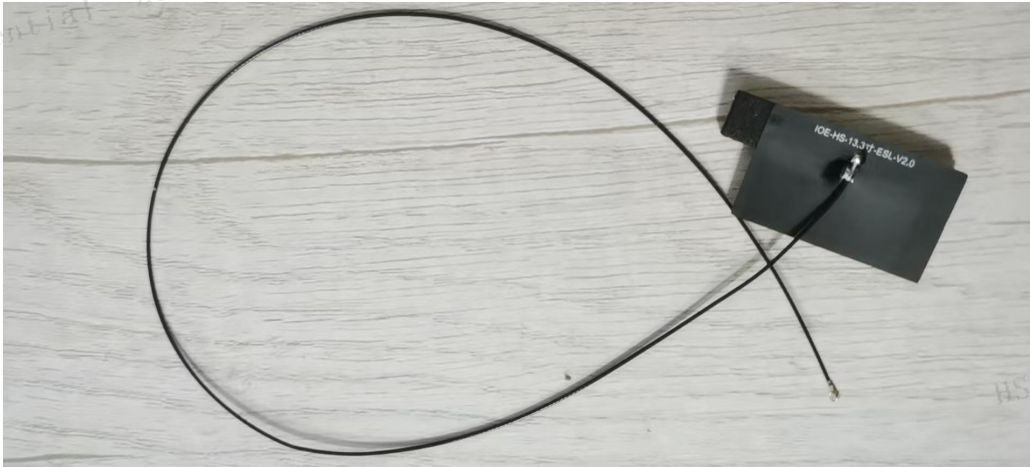
P/N: 366N0546

REV.: X2

Date: 2025/04/15

Protocol: Xue

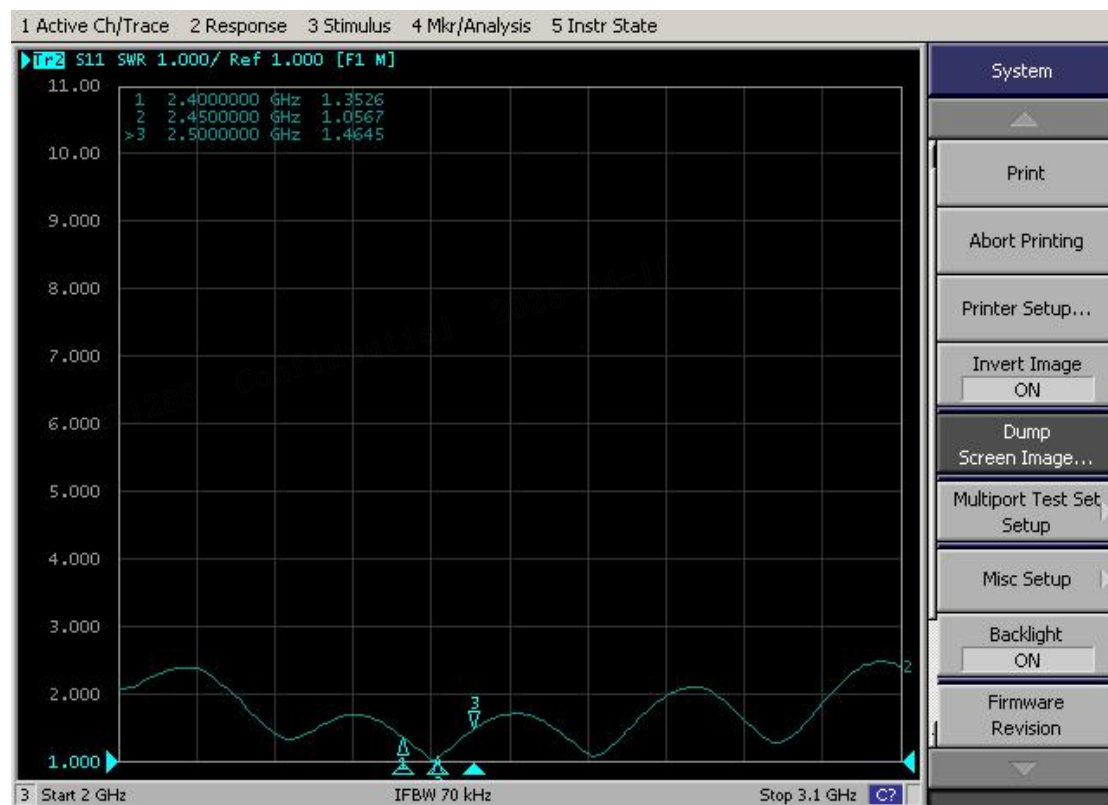
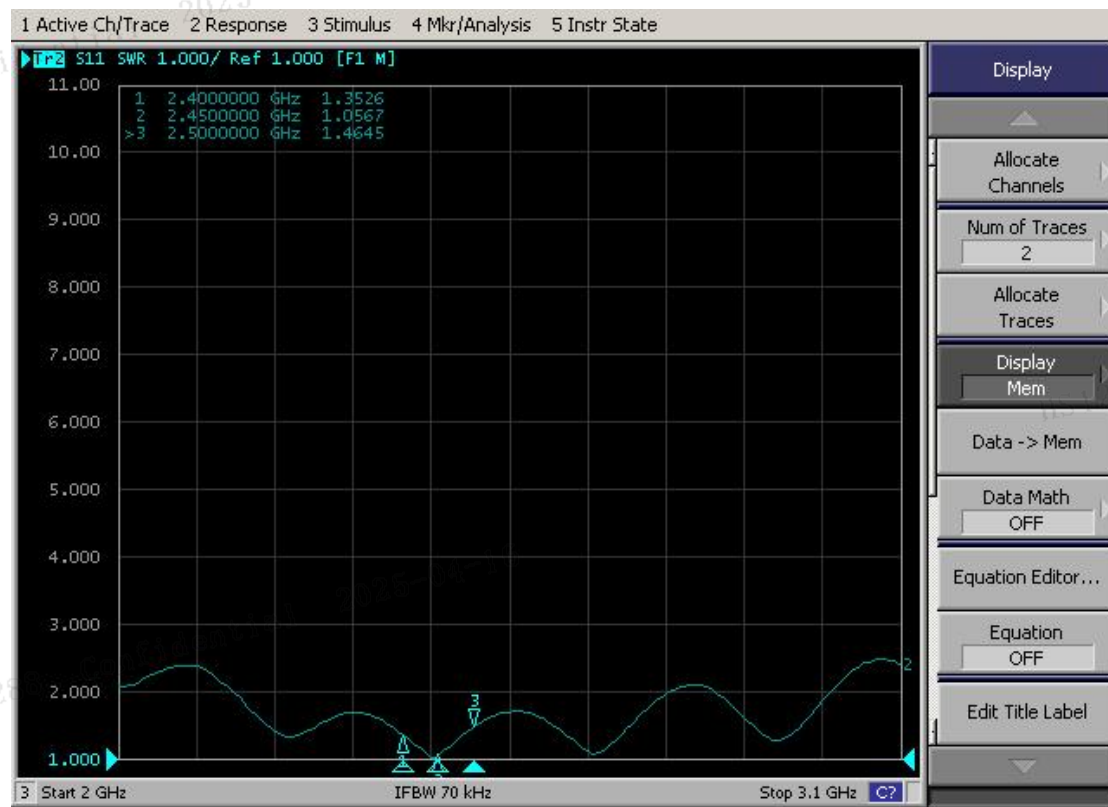
Antenna Specification



HS-13.3 寸-ESL 天线 FPC 黑色 TO IPEX 三代 Cable OD0.81mm 黑色 L370mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	FPC	
Peak Gain	3.01dBi	
VSWR	2400-2500MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	Ipex 三代	
RF Cable Type	RF0.81	
Dimension	L370mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

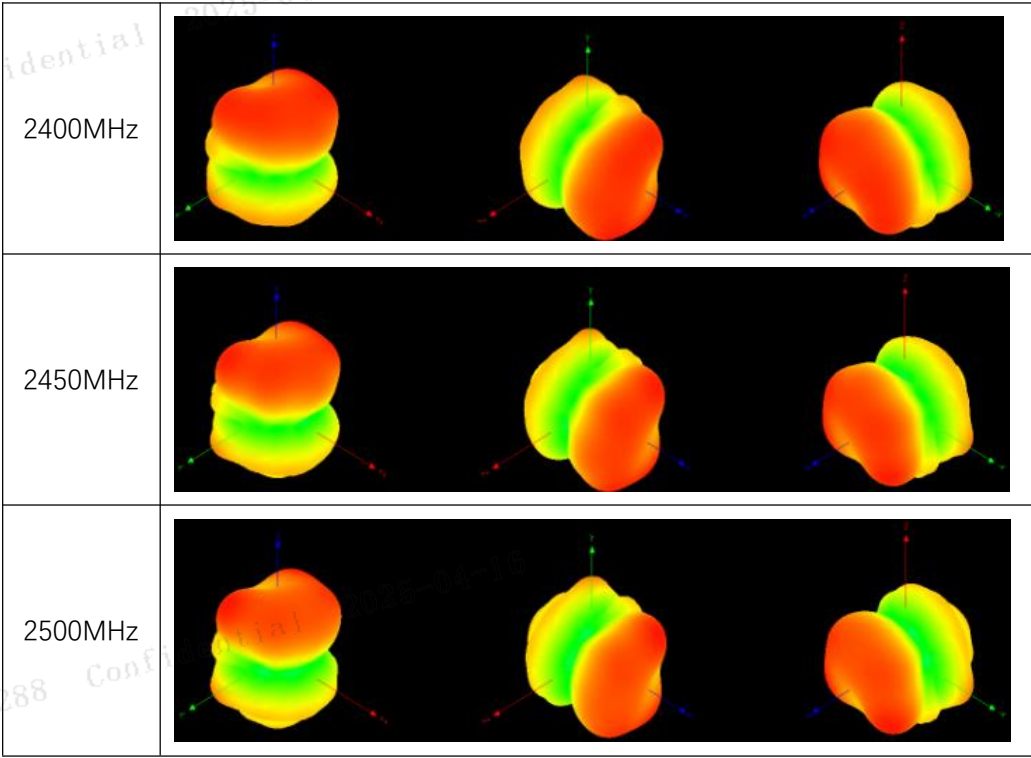
1.SWR/驻波图



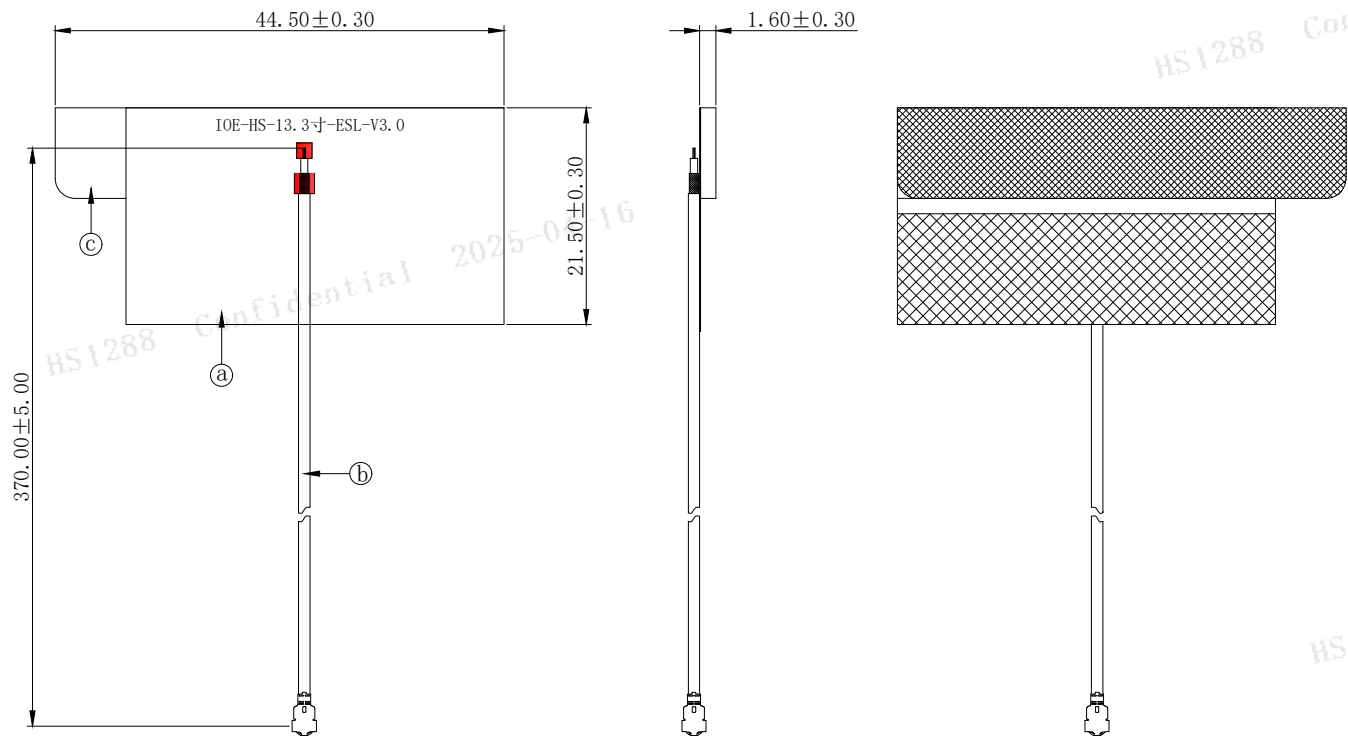
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
2400	47.58	2.57
2410	48.88	2.76
2420	48.17	2.82
2430	49.72	3.01
2440	49.97	2.99
2450	50.58	2.96
2460	49.84	3.01
2470	47.70	2.90
2480	48.05	2.95
2490	45.98	2.81
2500	46.20	2.82
AVG	48.42	2.87

3.3D Radiation Pattern/3D 辐射方向图



REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	04/07' 25



- 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	泡棉1	1		单面带胶泡棉1
b	CABLE	1		IPEX 三代单头剥线沾锡 OD0.81mm 黑色L370mm
a	FPC	1		3M9471 1/20Z 黑色 L37.5*W21.5mm
ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH

	DRAWN: Tom	DATE: 04/07' 25
	CHECK:	DATE:
	APPROVE:	DATE:
	PROJECT NAME: HS-13. 3-ESL天线	
PART NO: 366N0546		
TITLE: HS-13. 3-ESL天线 FPC 黑色TO IPEX三代 Cable OD0.81mm 黑色 L370mm		REV. A
		SHEET: 1/1