



Product Specification

P/N: 366N0497

REV.: X2

Date: 2025-04-16

Protocol: Xue

深圳物连通信技术有限公司
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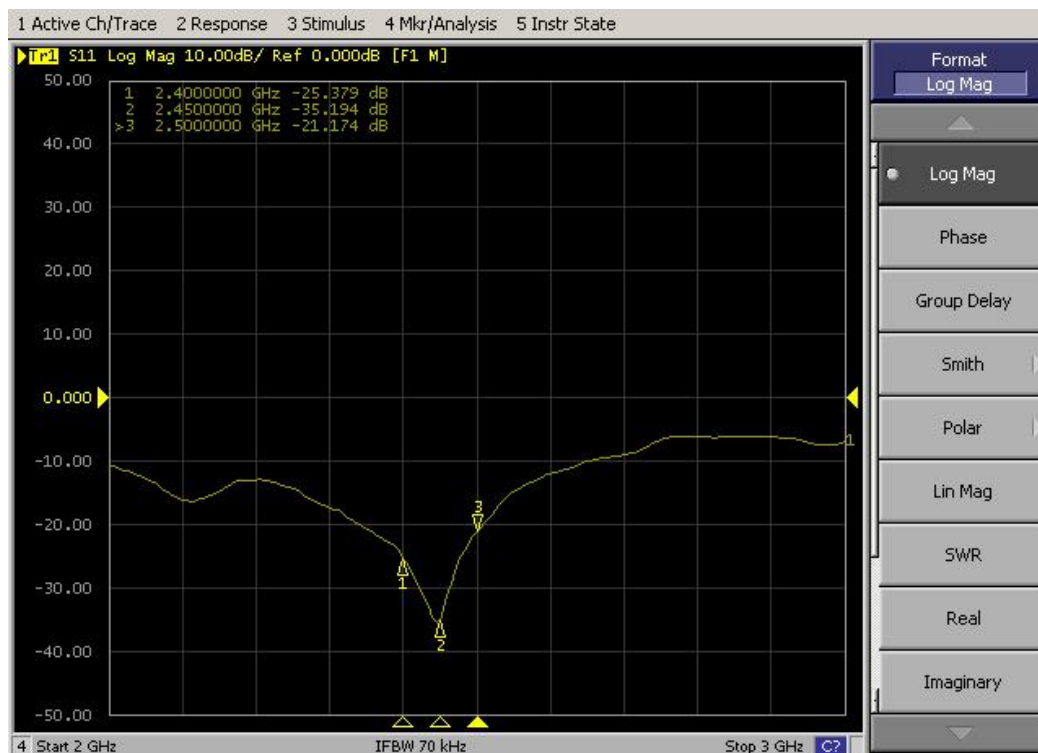
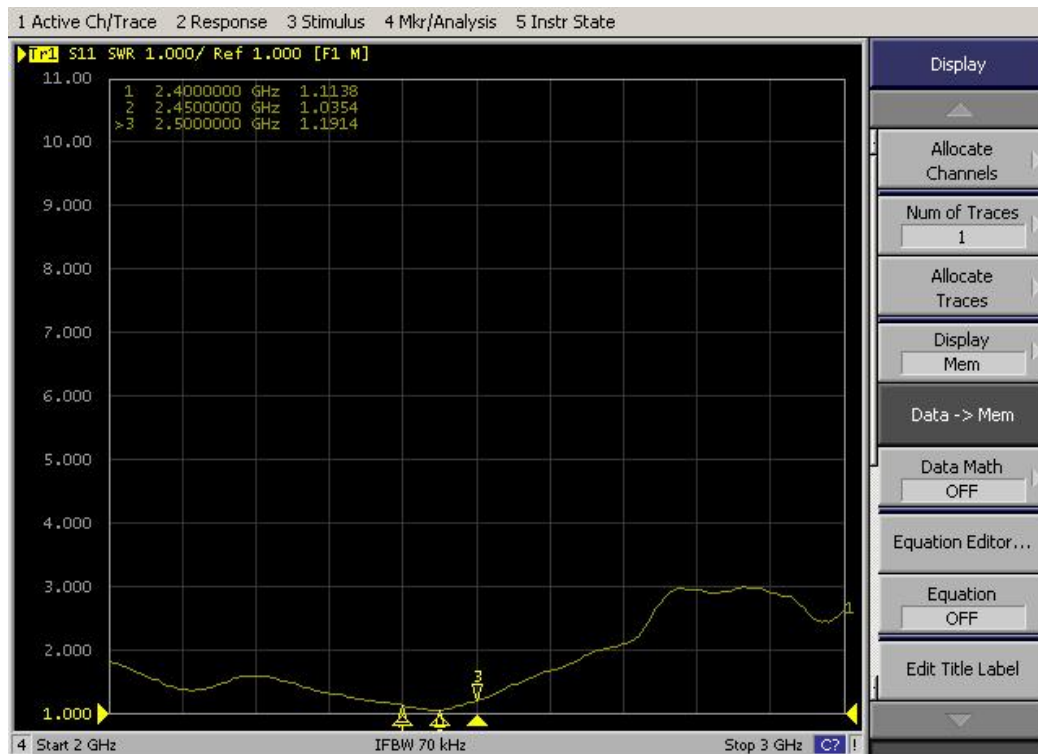
Antenna Specification



KAN-WS03-2.4G 天线 FPC 黑色 TO IPEX 一代 Cable OD1.13mm 黑色 L80mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	Antenna	
Peak Gain	2.06dBi	
VSWR	2400-2500MHz $\leq$ 2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	IPEX 一代	
RF Cable Type	RF1.13 Black	
Dimension	L80mm	
Operating Temp	-30°C ~ +75°C	
Storage Temp	-30°C ~ +75°C	

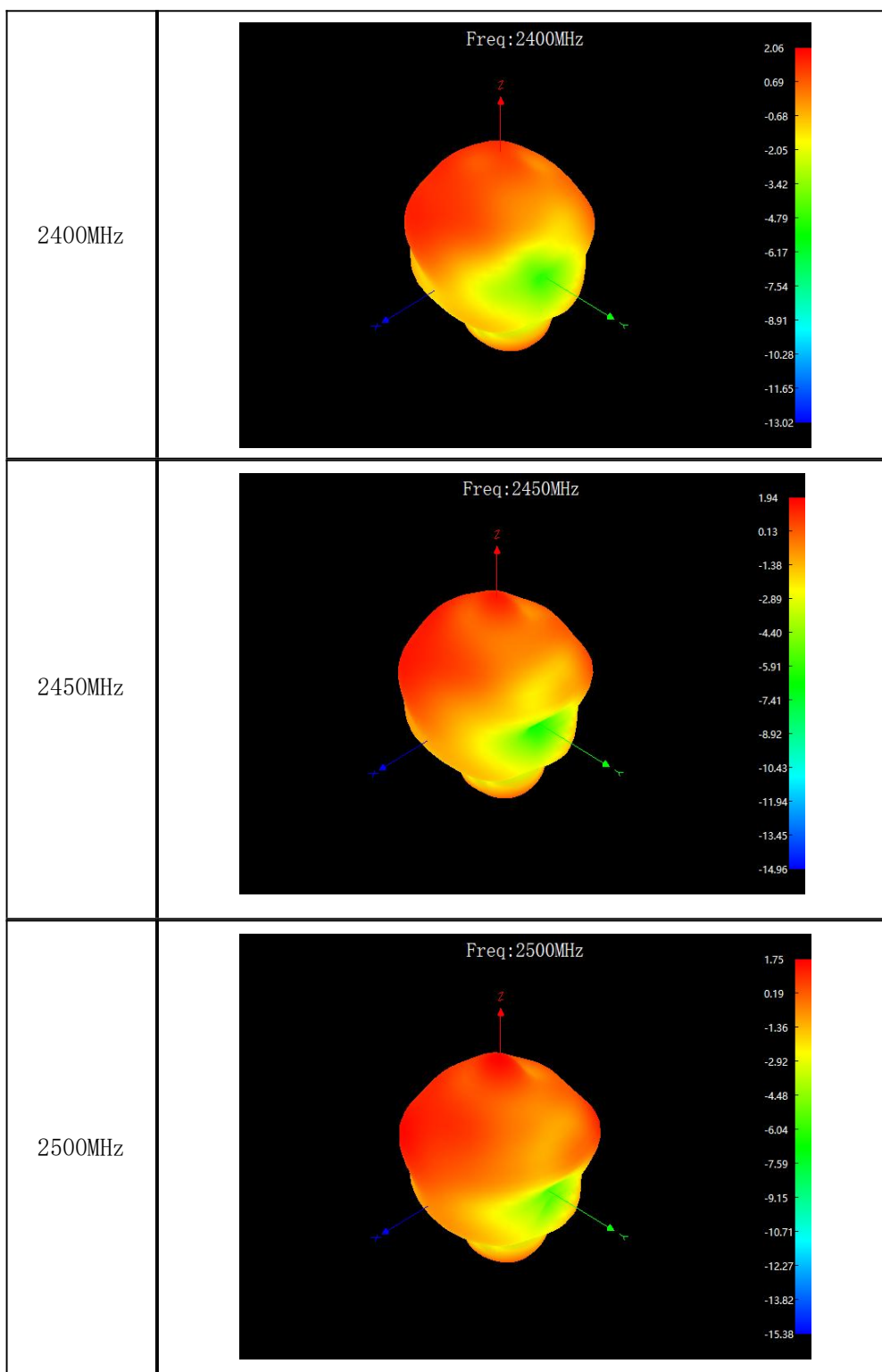
1.SWR/驻波图



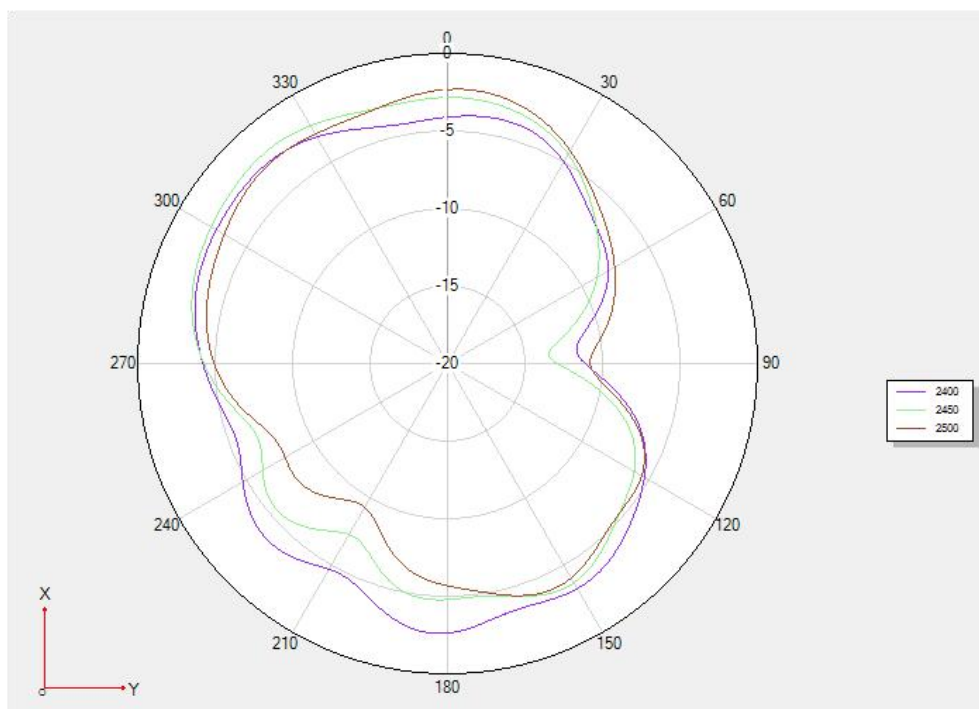
2. Efficiency/ Gain Test 效率测试

Frequency / MHz	Efficiency / %	Gain/ dB
2400	54.10	2.06
2410	55.10	1.99
2420	56.20	1.85
2430	56.58	1.96
2440	56.20	1.71
2450	54.95	1.94
2460	54.59	1.84
2470	53.85	1.71
2480	53.75	1.77
2490	53.36	1.66
2500	52.81	1.75
AVG	54.68	1.84

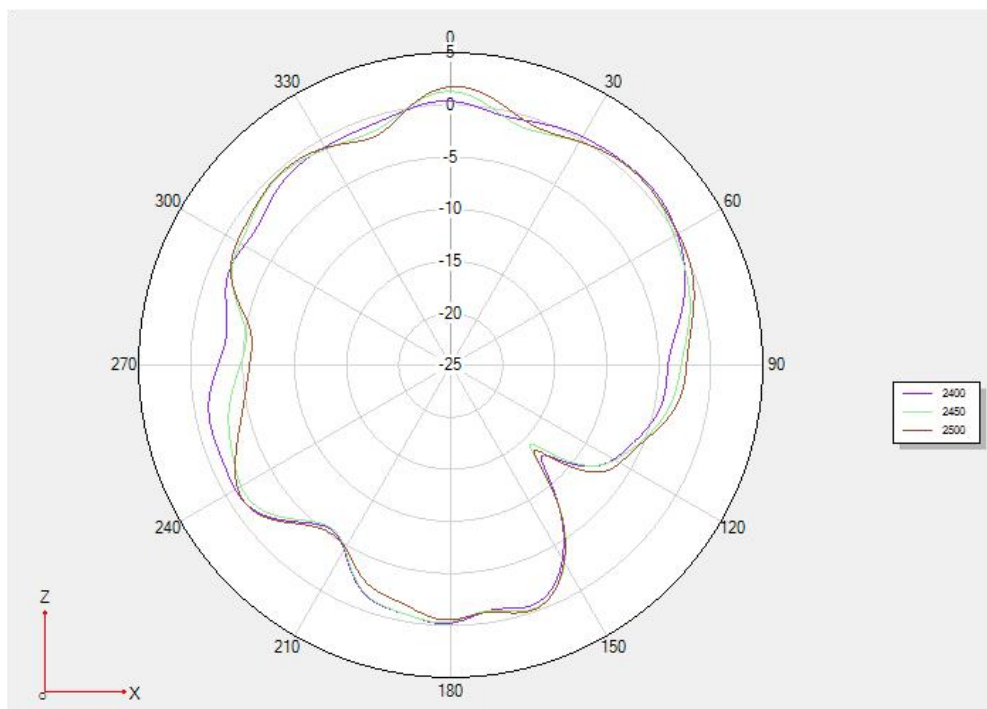
3.3D 方向图



4.2D 方向图

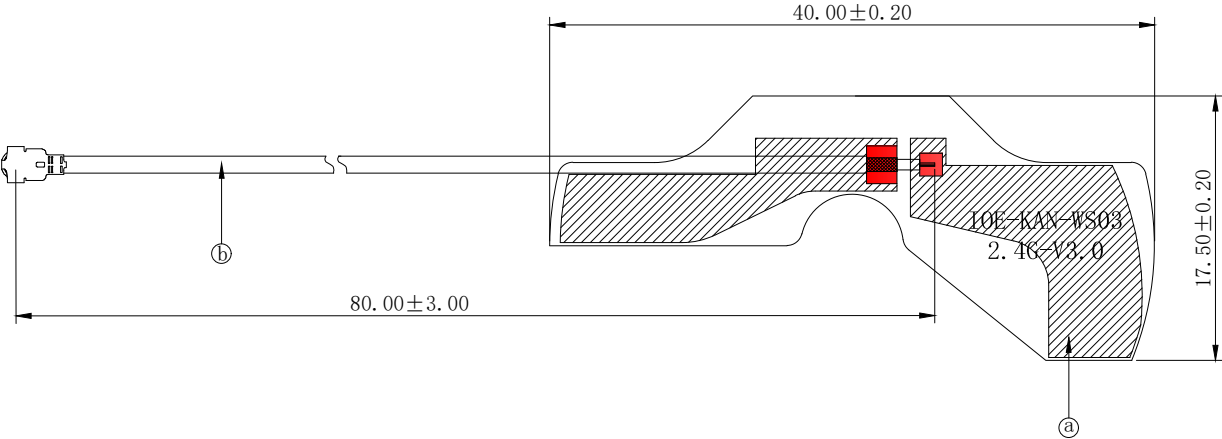


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REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN*****	FIRST RELEASE	10/24' 24



- 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 I单头剥线沾锡 OD1.13mm 黑色L80mm
a	FPC	1		3M9471 1/20Z 黑色 L40*W17.5mm
ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH



GENERAL TOLERANCE
.X ± 0.30 ± 1°
.XX ± 0.15
.XXX ± 0.15

SCALE: 1:1
UNIT: mm
SIZE: A4

DRAWN: Tom	DATE: 10/24' 24
CHECK:	DATE:
APPROVE:	DATE:
PROJECT NAME: KAN-WS03-2.4G天线	
PART NO: 366N0497	
TITLE: KAN-WS03-2.4G天线 FPC 黑色TO IPEX 一代 Cable OD1.13mm 黑色 L80mm	
REV. A	SHEET: 1/1