



深圳市无限智联科技有限公司
Shenzhen wiselink technology co.,ltd

Antenna specification

客户 Customer:艾睿	日期 Date:2025-06-03
物料型号 Material model:IX2	物料结构 Material structure: FPC
物料编码 Material code:P-A88-04A-B-1-1A	物料颜色 Material color:黑色 Black
天线结构 Antenna structure: WIFI天线 WIFI antenna	天线料号 Antenna material No.: WIFI antenna: P-A88-04A-B-1-1A

变更记录栏 Change record column

编制/变更日期 Formulation/change date	变更理由 Change reason	变更内容 Content of Change	版本 Version
2025/6/3	新版本发行 New version released		V1.0

品质 Quality	结构 MD	射频 RF	核准 Approved by

客户确认栏 Customer confirmation column

品质 Quality	结构 MD	电子 Electronics	核准 Approved by
客户料号Customer material No.: 1 _____ 2 _____ 3 _____			
客户要求Customer requirements: :			
客户要求:			

Shenzhen wiselink technology co.,ltd Address: Room 302, 3rd Floor, Building B, Gangshen
Innovation Park, No.40 Huaning Road, Dalang Street, Longhua District, Shenzhen

Tel. : 0755-27888203

Fax: 0755-27888450

Website: www.anfutesz.com

编号: AFT—QR-066



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Contents

- 1、Cover
- 2、Contents
- 3、Product Chart
- 4、RF Test Data Report

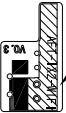
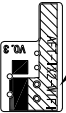
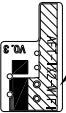
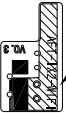
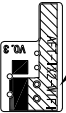
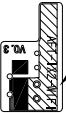
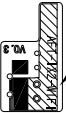
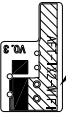
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1	2	3	4	5	6	7	8
A	Product front black						
	screen printing white text "AFT-IX2-WIFI" 						
							
B	The back of the product						
C	Product front black						
							
							
D	The back of the product						
A	The back of the product						
							
							
B	The back of the product						
C	The back of the product						
							
							
D	The back of the product						

REV: A
7 8 9
P: V0.1
P: V0.2
P: V0.3
P: V0.4
P: V0.5
P: V0.6

- Note:
- 1、The back glue is made of 3M 467 , with a viscosity exceeding 200MP. The back glue shape is consistent with the substrate and covered on the back of the substrate. The back cut is half-cut;
 - 2、The single-sided 1 and 1/2, material is of good flexibility;
 - 3、 The gold plating area ，  The copper foil area.
 - 4、The coated product is bent by 180° without cracks and with good flexibility;
 - 5、The golden finger surface plus gold 1-3u" without oxidation. The copper foil connections have no cracks or conduction after 180° bending; ；
 - 6、Precise tolerance range of wiring and hole: +0.03mm. The tolerance of external dimensions falls within 0.2mm;
 - 7、The items making "*" are key sizes. The unmarked sizes are measured at 1:1 according to CND electronic profile.
 - 8、The specific content and position of surface printing refer to the figure;

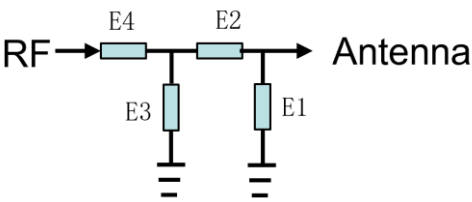


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		Third		Model		IX2		Date		2024-03-28		Drawing		WiseLink		Page		1 of 1	
0~10	±0.10		0.02	PART name	WIFI antenna			Designed by	Audited by	Approved by									
10~20	±0.12		0.03	PART No.	P-A88-04A-B-1-1A														
20~40	±0.15		0.02	Material	FPC+3M467			Unit	mm	Proportion	1:1	Version	REV: A						
40~	±0.20		0.04	Mold surface treatment	RF														
请勿实测图纸		位置		Appearance	treatment														

WiFi antenna matching circuit ----- unchanged

Element	E1	E2	E3	E4
Value	NC	0 Ω	NC	0Ωu

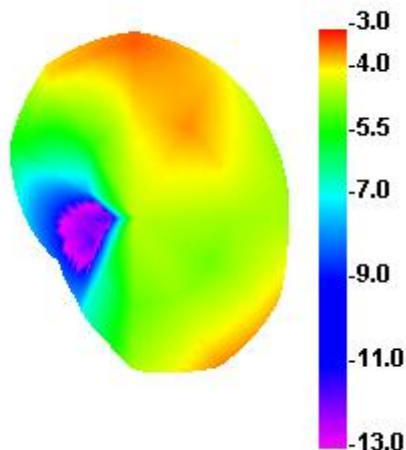


Passive report

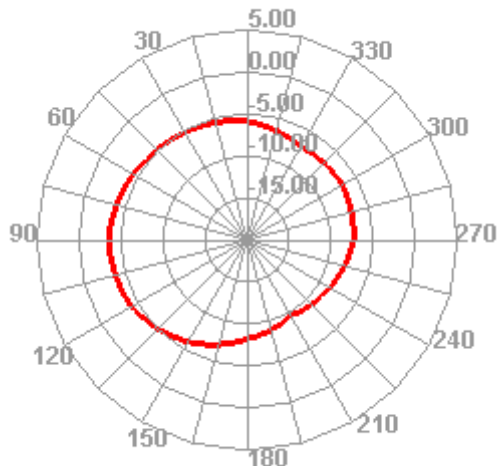
Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
5150	25.65	-1.03	2400	25.73	-3.08
5200	24.53	-1.09	2410	25.73	-3.3
5250	24.84	-1.07	2420	26.4	-3.04
5300	24.42	-1.05	2430	27.29	-2.68
5350	24.69	-1.34	2440	30.29	-2.1
5400	24.91	-1.48	2450	33.74	-1.63
5450	25.41	-1.25	2460	31.82	-1.91
5500	26.44	-0.85	2470	30.29	-2.17
5550	28.16	-0.31	2480	30.21	-2.29
5600	27.13	-0.52	2490	34.35	-1.81
5650	31.59	0.42			
5700	30.57	0.92			
5750	30.22	0.58			
5800	27.17	-0.22			
5850	28.65	-0.35			

Apple chart direction chart

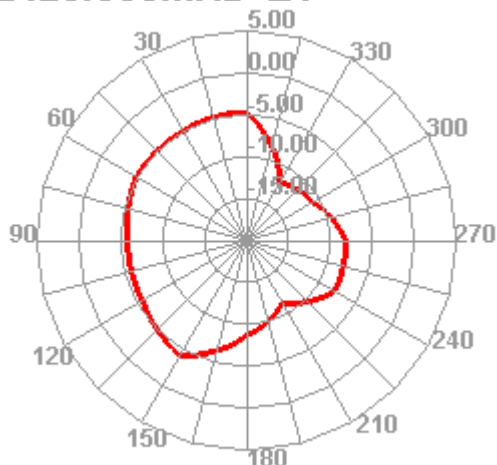
2420.000MHz



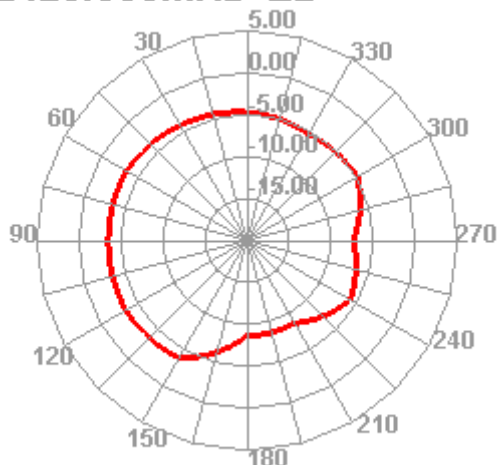
2420.000MHz H



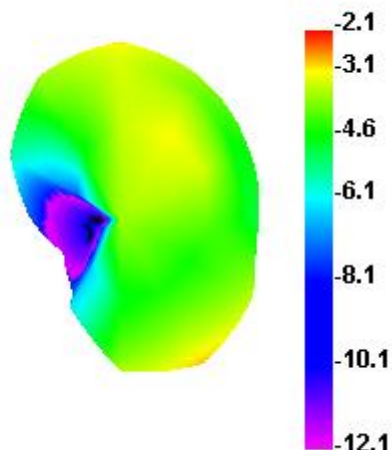
2420.000MHz E1



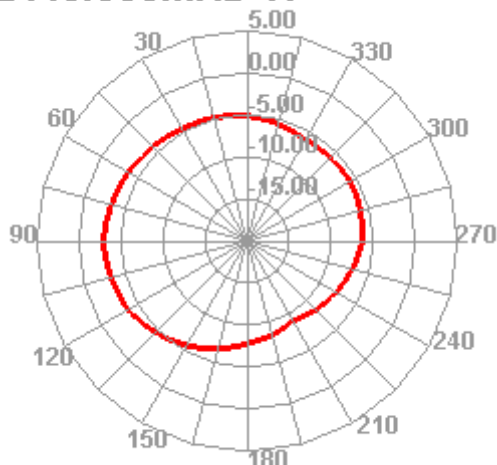
2420.000MHz E2



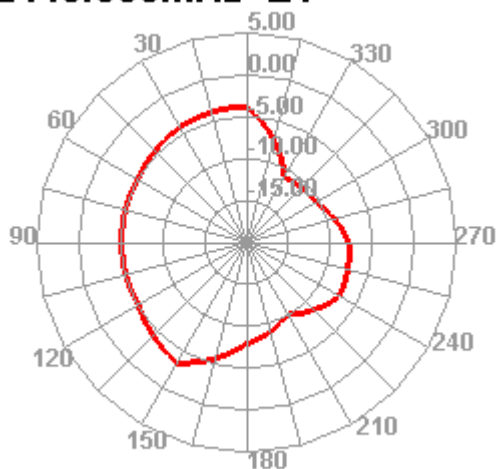
2440.000MHz



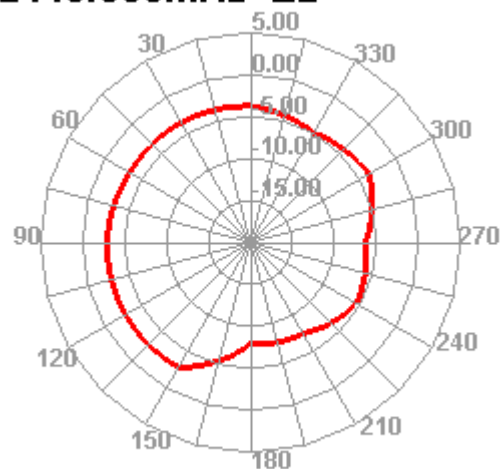
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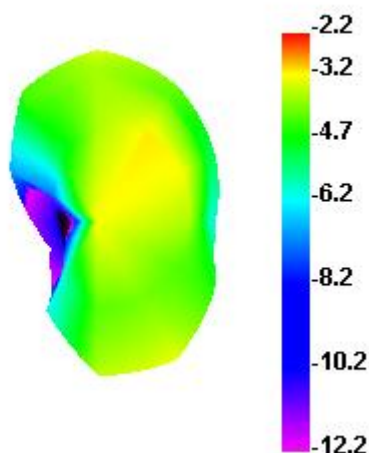
2440.000MHz E1



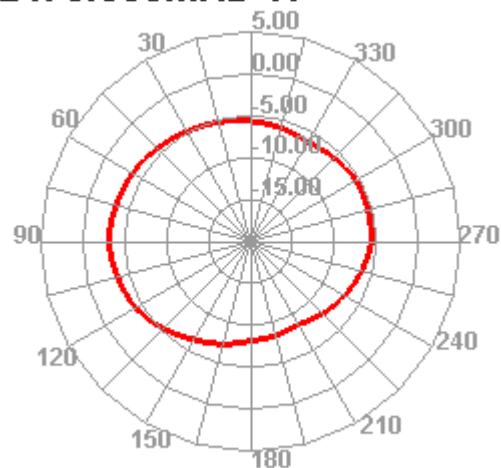
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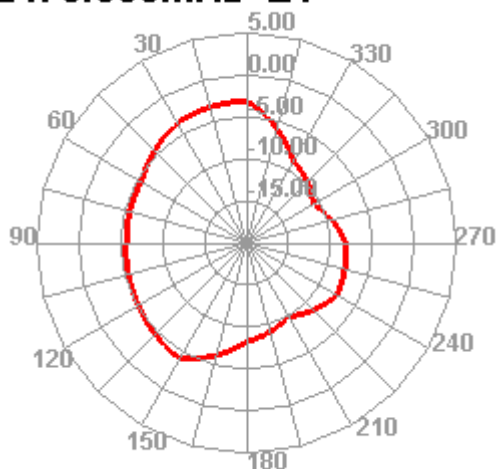
2470.000MHz



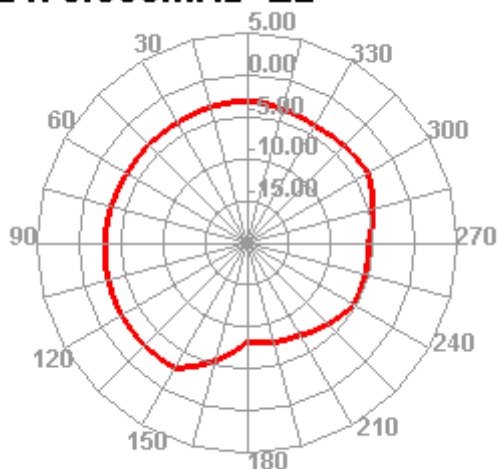
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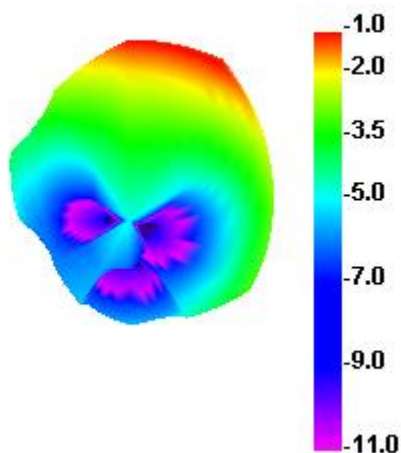
2470.000MHz E1



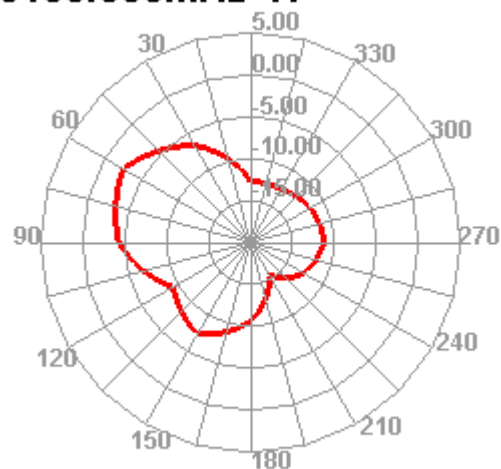
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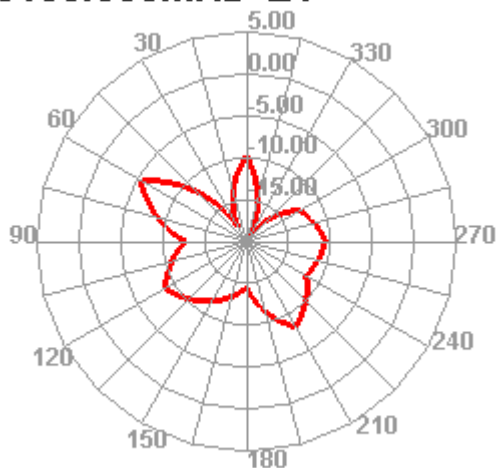
5150.000MHz



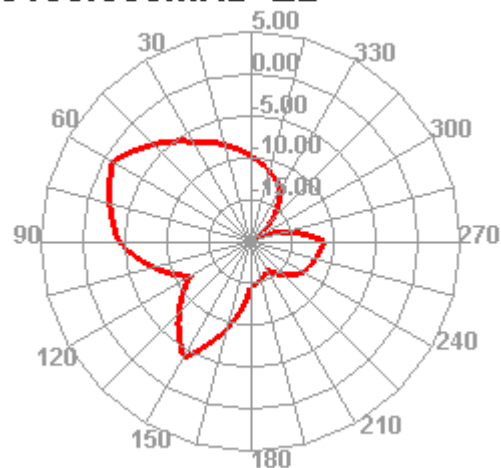
5150.000MHz H



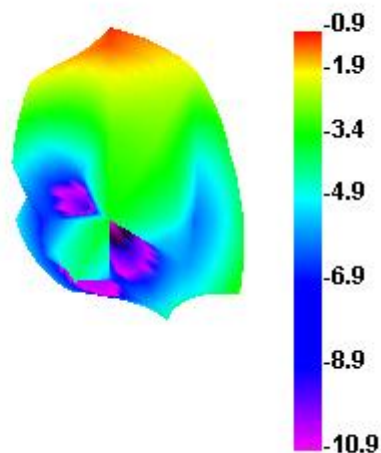
5150.000MHz E1



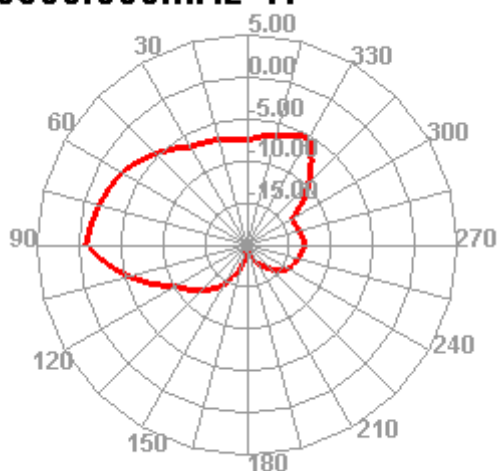
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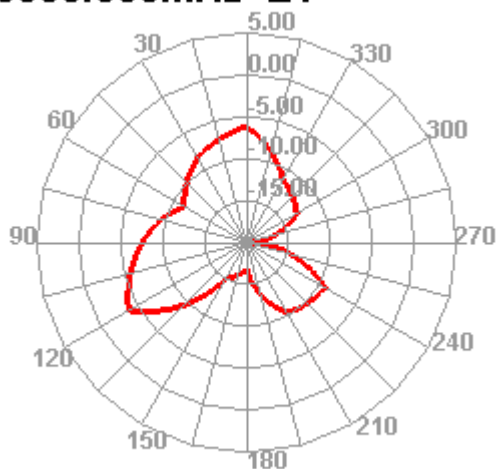
5500.000MHz



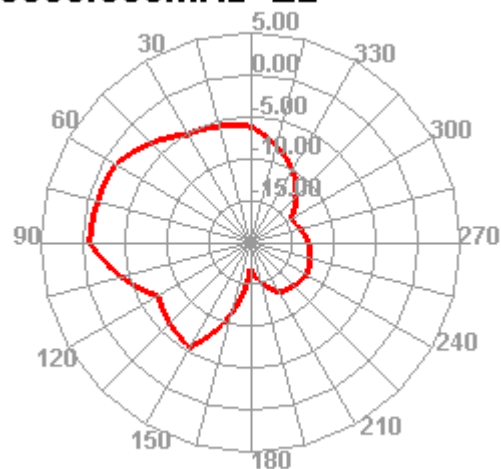
5500.000MHz H



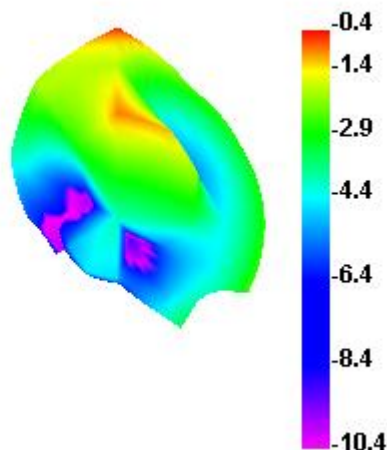
5500.000MHz E1



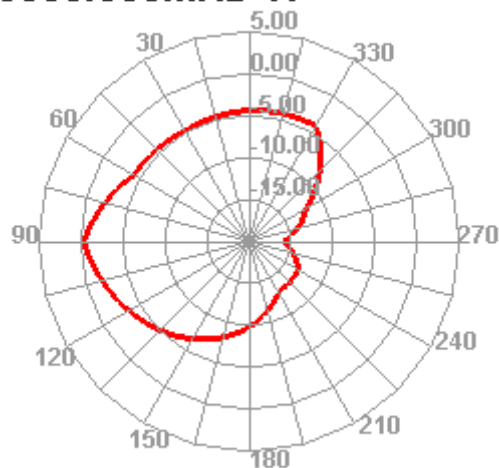
5500.000MHz E2



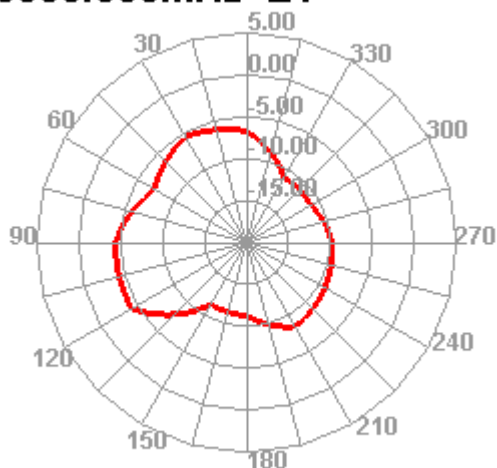
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

