



深圳市安弗特电子有限公司
AFT tech Electronic Co., Ltd. (Shenzhen)

Antenna Data Sheet

Customer:	IRay Technology Co., Ltd.
Product Name:	WIFI Antenna
Part number:	P-A88-04A-B-1-1A
Antenna Type:	FPC Antenna
Color:	Black
Date:	2023-10-08

地址：深圳市龙华区大浪街道华宁路40号港深创新园B栋3楼302室

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

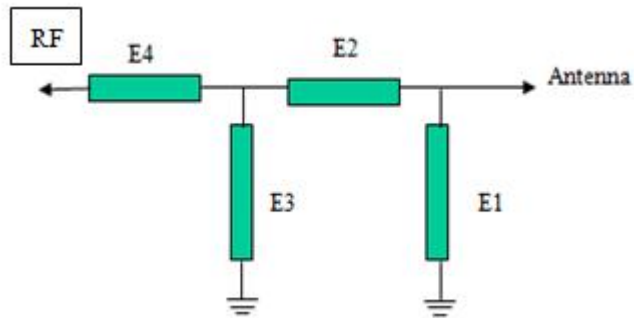
Tel: 0755-27888203

Fax: 0755-27888450

Website: www.anfutesz.com

WiFi antenna matching circuit

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

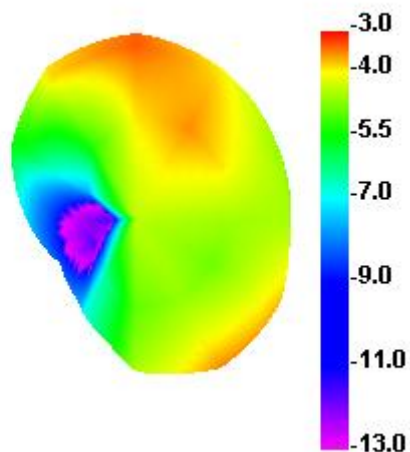


Efficiency&Gain

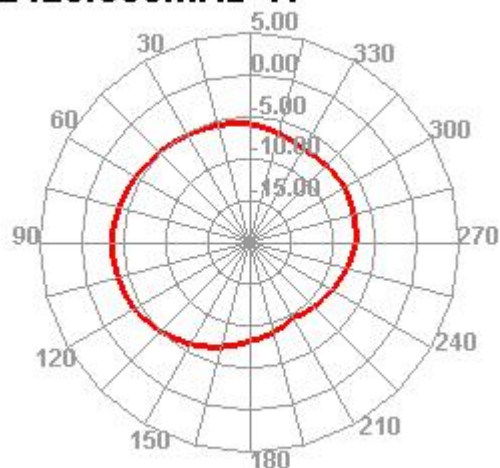
Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
5150	25.65	-1.03	2400	25.73	-3.08
5200	24.53	-1.09	2410	25.73	-3.3
5250	24.84	-1.07	2420	26.4	-3.04
5300	24.42	-1.05	2430	27.29	-2.68
5350	24.69	-1.34	2440	30.29	-2.1
5400	24.91	-1.48	2450	33.74	-1.63
5450	25.41	-1.25	2460	31.82	-1.91
5500	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			

2D&3D Radiation Pattern

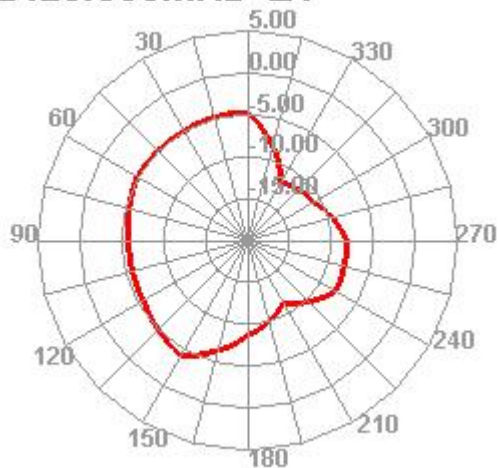
2420.000MHz



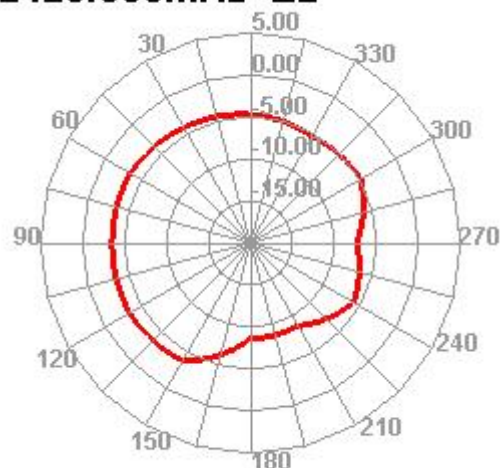
2420.000MHz H



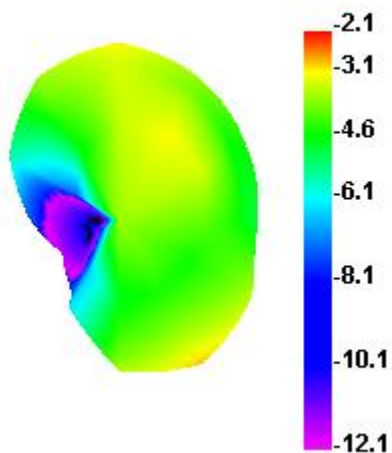
2420.000MHz E1



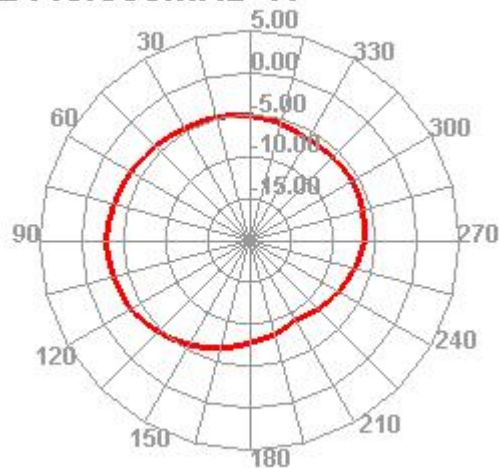
2420.000MHz E2



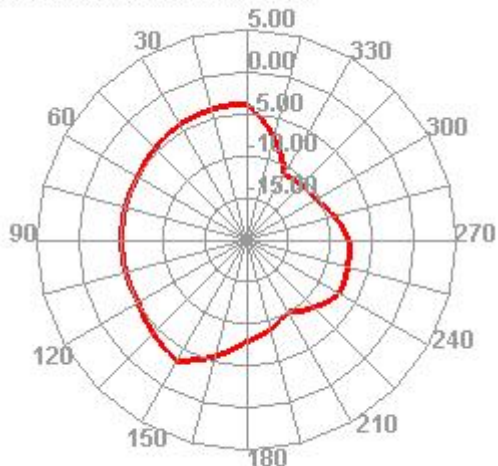
2440.000MHz



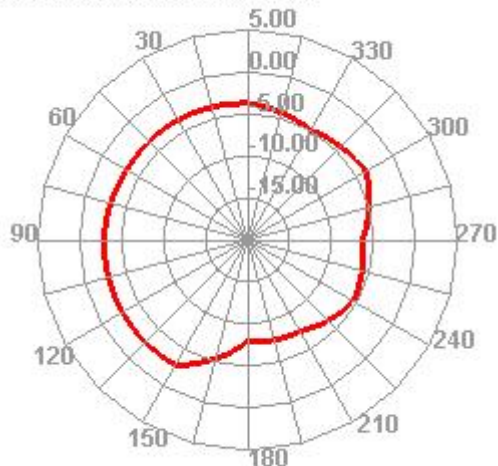
2440.000MHz H



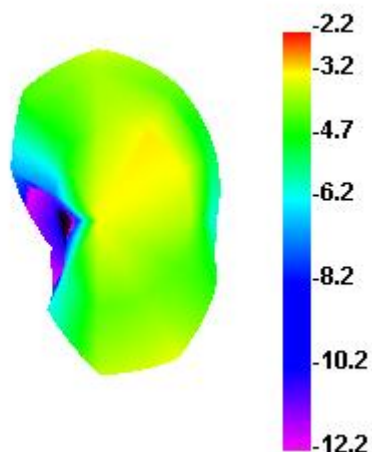
2440.000MHz E1



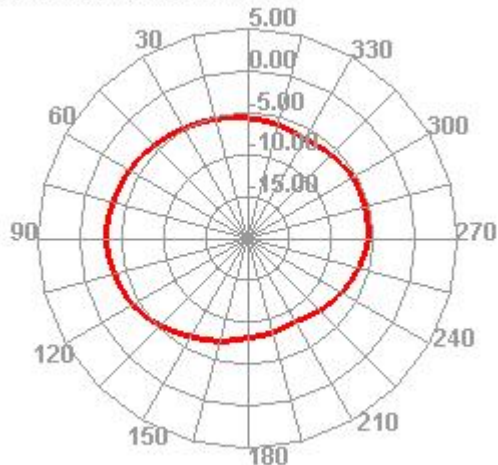
2440.000MHz E2



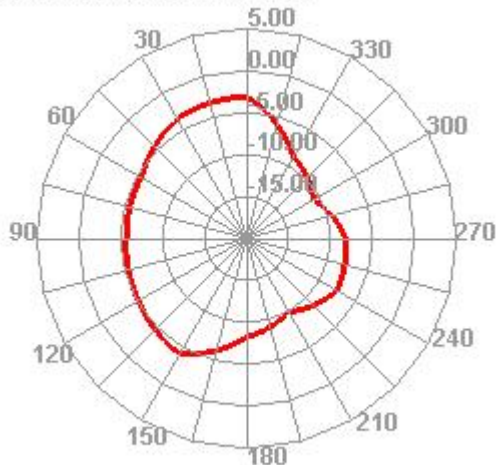
2470.000MHz



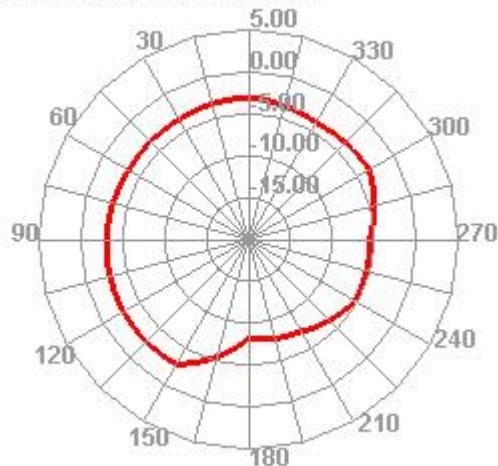
2470.000MHz H



2470.000MHz E1

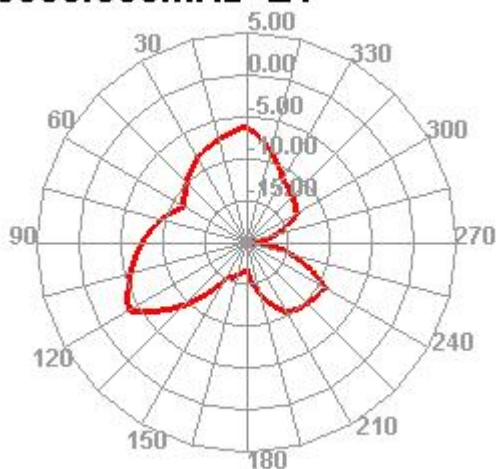


2470.000MHz E2

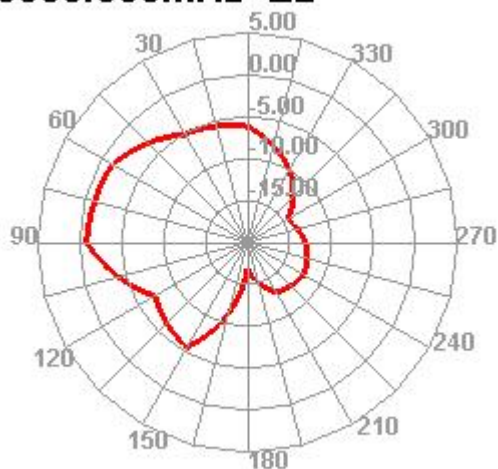


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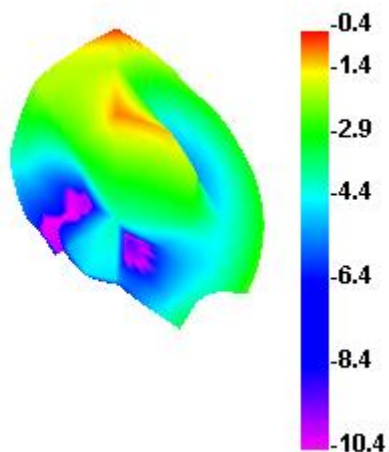
5500.000MHz E1



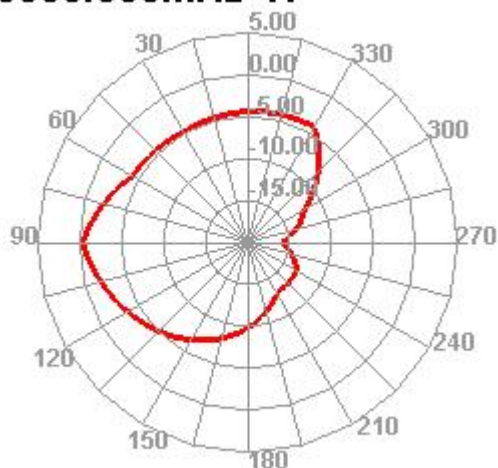
5500.000MHz E2



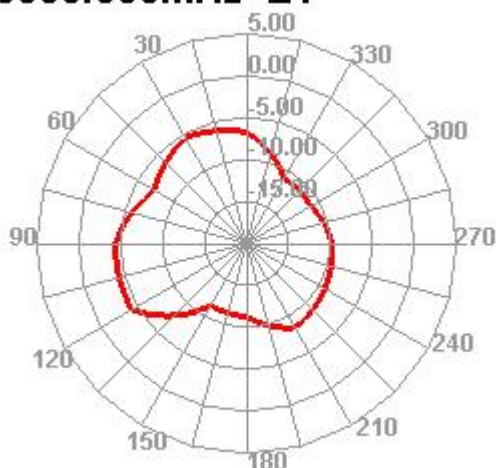
5850.000MHz



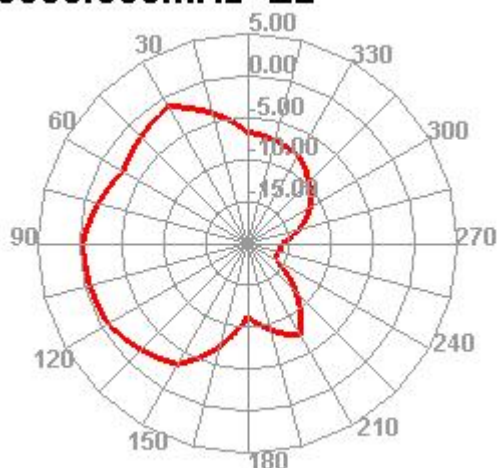
5850.000MHz H



5850.000MHz E1

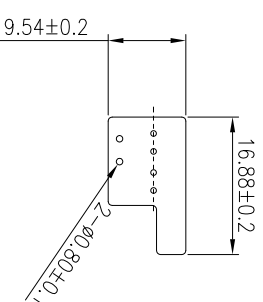
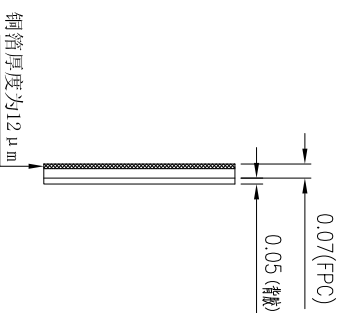
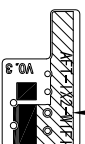


5850.000MHz E2



撕手位

丝印白色字符“AFT-IX2-WIFI”



产品正面(哑光油墨)

产品背面(背胶)

注:

- 1、背胶采用3M 467, 粘性在200MP以上, 背胶外形与基材一致, 覆在基材背面, 背胶做半切;
- 2、材料单面版, 一对半基材, 柔韧性要好;
- 3、■ 为镀金区域, □ 为铜箔区,
- 4、产品覆油后经180°折弯表面无裂痕现象, 柔韧性要好;
- 5、金手指表面镀沉金1^{3u}”, 不可有氧化现象, 以铜箔相接处, 经180°折弯之后无裂痕、不导通现象;
- 6、走线及孔精确公差范围: ±0.03mm, 外形尺寸公差控制在0.1mm以内;
- 7、打★号为严格控制尺寸, 标有*为重点尺寸, 未标注尺寸按CND电子图档1:1量取;
- 8、表面印字, 具体内容及位置见图;
- 9、所来非模样, 需要切割好外形之后, 在送样到我司。



司公限有技电联特智弗安市圳深

第三角法		机种	IX2	日期	2023-10-08	绘图	杜强	页码	1 of 1
	0~10	±0.10	○	0.02	设计	审核	核准	版本	REV:A
	10~20	±0.12	◎	Ø0.03					
	20~40	±0.15	⊥	0.02	料号	P-A88-04A-B-1-1A			
	40~	±0.20	∠	0.04	材质	FPC+3M467			
			∠	0.02	模面处理				
外观处理									
请勿实测图纸		位置		单位	mm	比例	1:1	板本	REV:A

[illegible]