

ANWEI communication Equipment Co.,Ltd

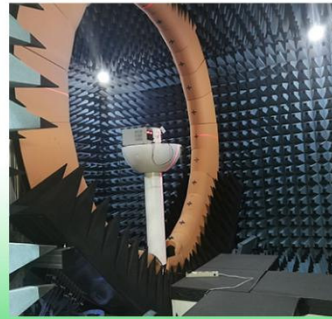
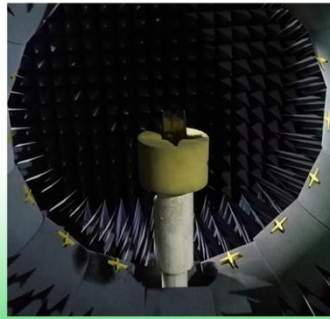
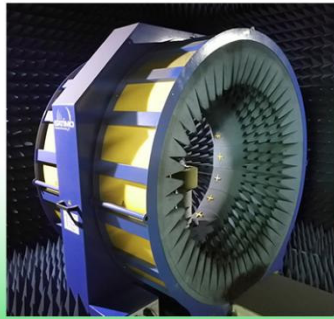
APPROVAL SHEET

Customer	Youmi	Specs	G1&G2 TAB
Part Number		Frequency Band	2.4G WIFI/BT/5G WIFI
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	ZHONG ZHI HUI
Structure	QIN YUN LIN	Confirm	
Date	2023/5/29	Signing Date	

Customer confirmation:

ANT Manufacturers: ANWEI communication Equipment Co.,Ltd
Address:2nd Floor, East Block, Building 5, Yifenghua Innovation Industrial Park, Huaning Road, Dalang Street, Longhua District, Shenzhen City, Guangdong Province

Project development environment



安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的的产品以及技术服务！

“质量第一，服务至上”是安威一直以来的发展宗旨

(WIFI/BT antenna) + (2.4G/5G WIFI/BT antenna)

123456

ABCD

1对半材料

技术要求:

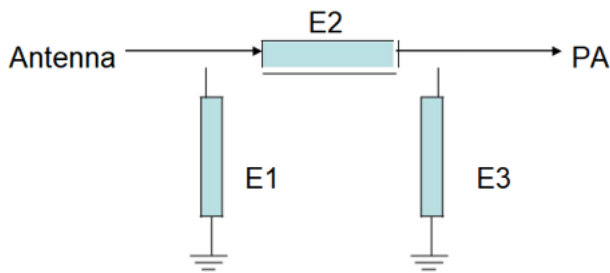
- 绿色为外形轮廓, 白色填充部位为电气走线覆铜;
- 基材材质为聚酰亚胺或聚酰亚胺膜;
- 图示为正面, 反面背胶. 此FPC基材3M300LSE (94711E);
- 打*为必测尺寸及重点尺寸, 铜箔线路所有尺寸公差不得超过±0.05, 模具冲出外型尺寸公差不得超过±0.1, 未注尺寸以图形为准;
- 基材25 μm, 铜箔18 μm, 镀镍1.5~3.0um; 镀金0.025~0.075 μm;
- 走线面除焊盘外其它区域正面黑色覆盖膜;
- 可靠性测试: 盐雾试验(48H)\橡皮摩擦测试(100个循环)\耐磨性测试(50个循环)\恒温恒湿试验\冷热冲击试验(12个循环)\附着力测试(金手指引脚处)\弯曲折性测试;
- 出现下列任何问题均视为不合格: 超层\分层\露铜\折痕、折痕\边缘毛边\字符不清;
- 包装应防潮、防漏、表面干净, 完好无破损。

深圳市安威无线科技有限公司

第三视角		项目名称	G1/G2 TAB	日期	2023-05-23	
0°/10	±0.05	设计		设计		
10°/30	±0.10	产品名称	5G/2.4GWIFI天线	审核	MD	QYL
30°/50	±0.15	产品料号	AW006-G1/G2 TAB-021-A0	RF	ZH	
50°/80	±0.20	批准				
角度	±1°	材质	FPC	单位	mm	
第1页, 共1页		比例		版本	A1	

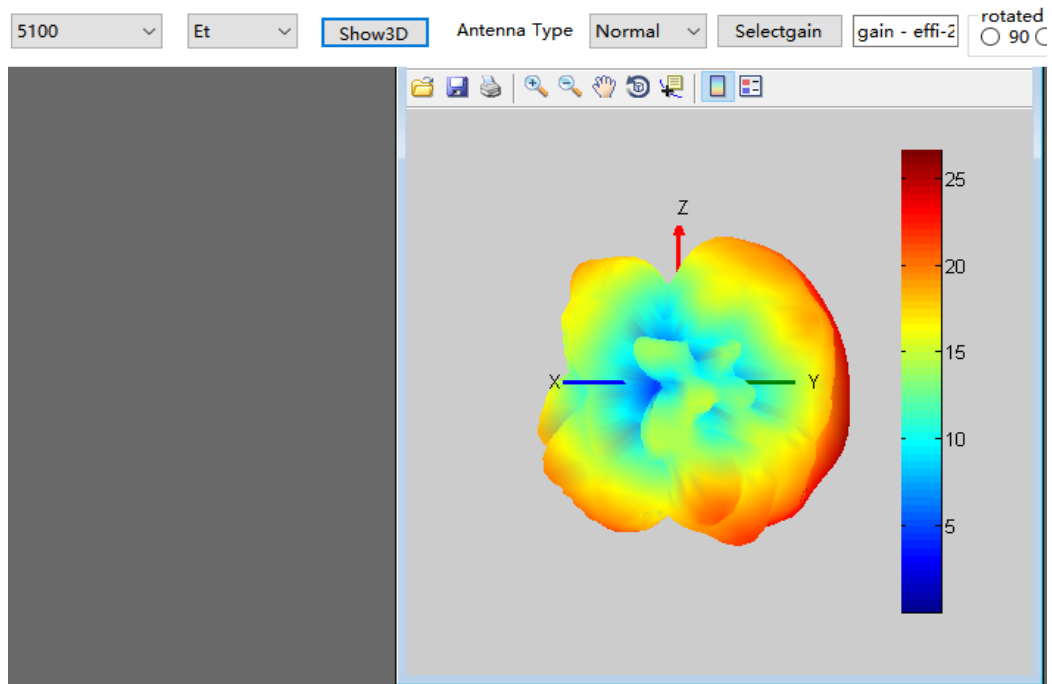
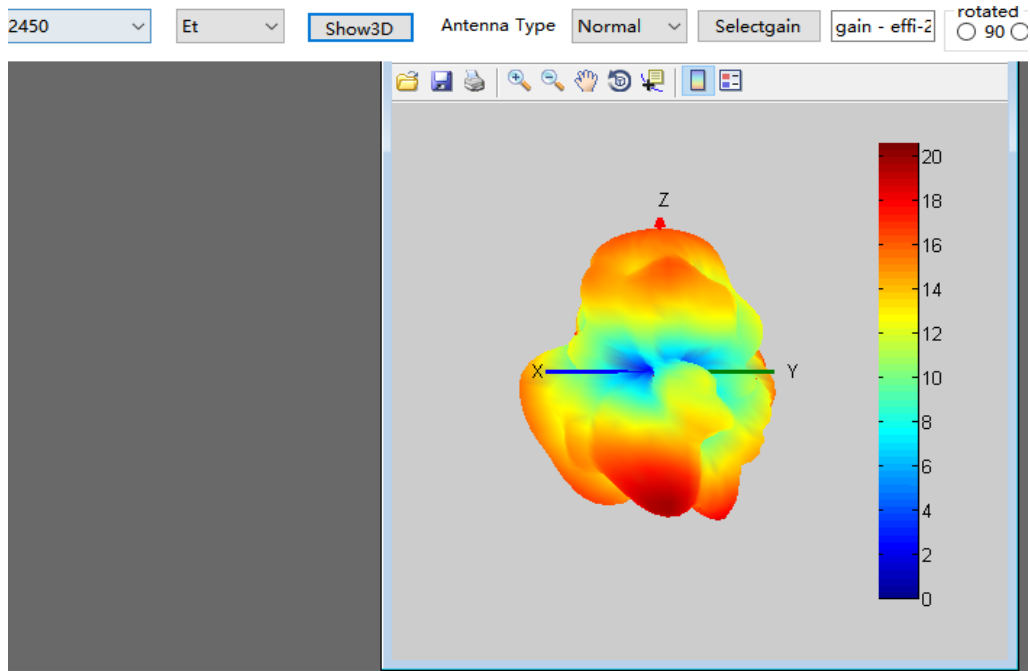
(Working frequency band of 5GWIFI antenna) : 2400~2500,5150MHZ~5850MHZ

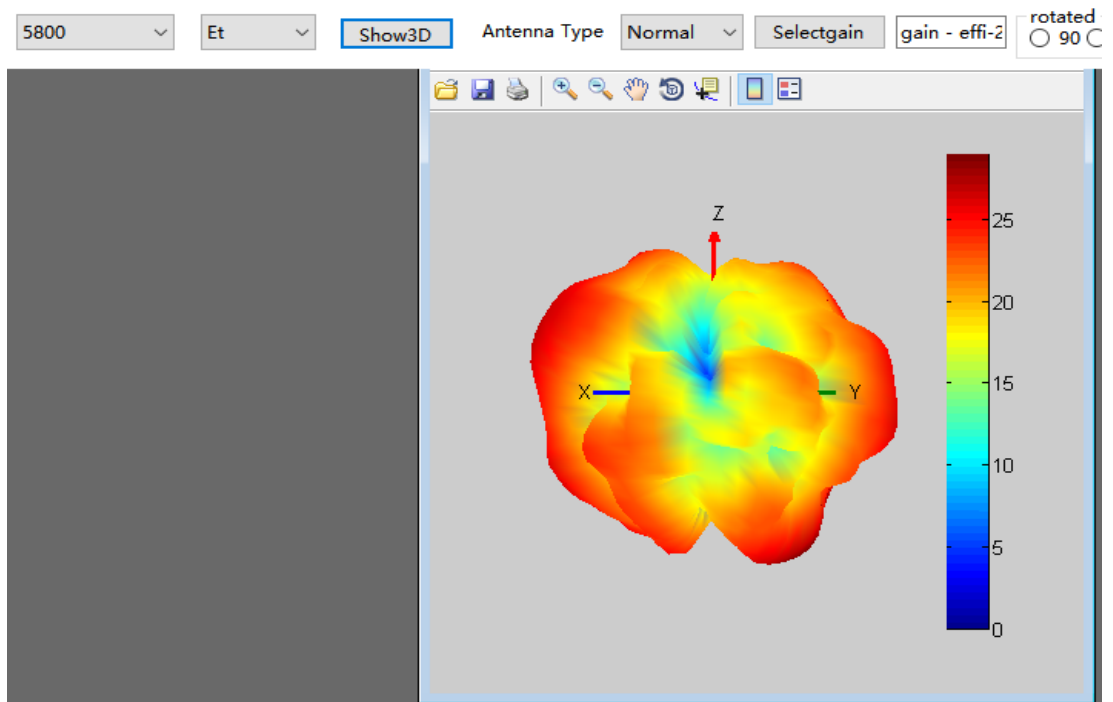
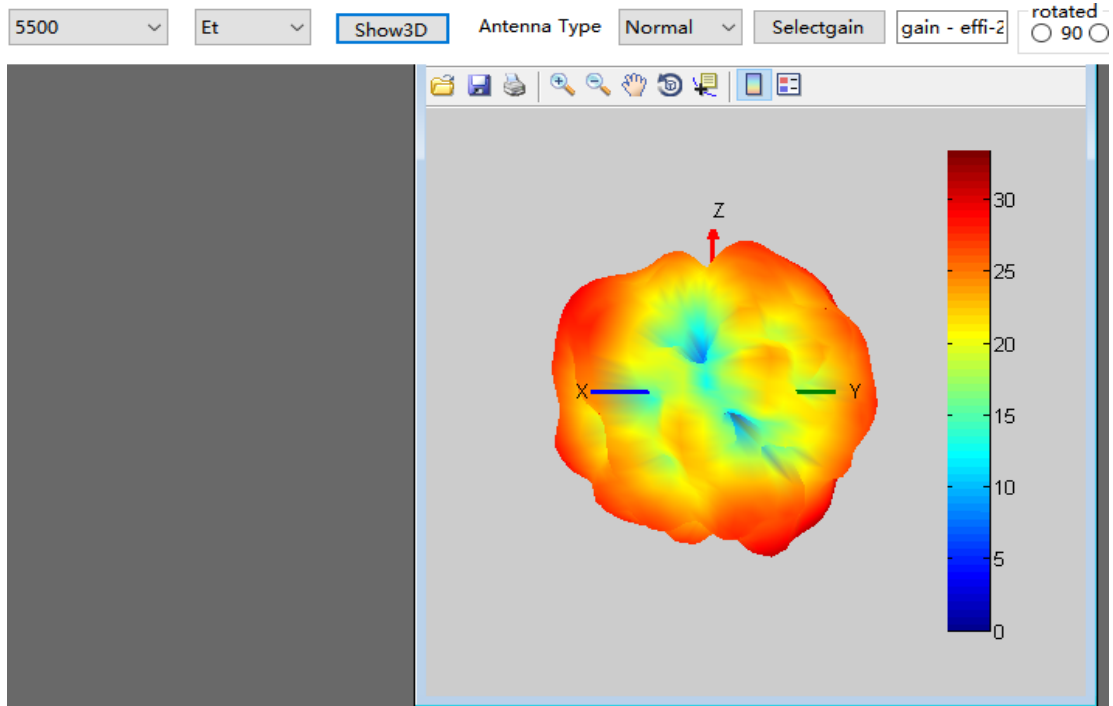
(Matching network)



Element	Value
E1	NC
E2	0 Ω
E3	NC

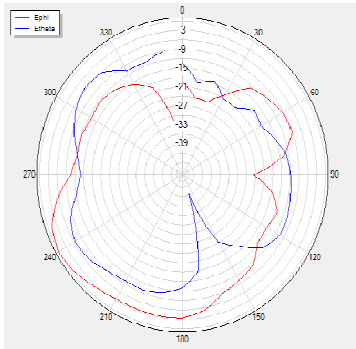
Gain&Efficiency 增益和效率		
frequency 频率 (MHz)	gain 增益 (dBi)	efficiency 效率(%)
2400	0.77	42.23
2450	0.56	41.33
2500	0.6	40.59
5100	1.44	35.52
5200	1.56	36.70
5300	0.8	33.16
5400	0.77	29.89
5500	0.6	28.44
5600	0.43	29.59
5700	0.99	28.68
5800	2.28	30.05



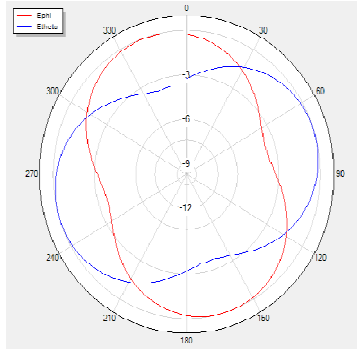


WIFI/BT antenna PolarGraphs

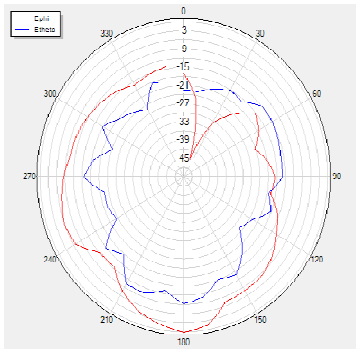
H Theta=90 freq=2450MHz



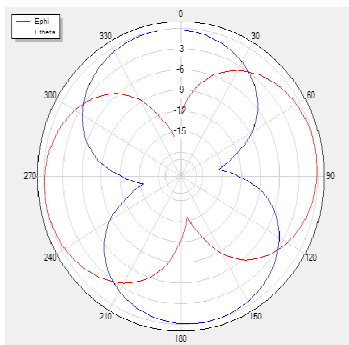
H Theta=0 freq=2450MHz



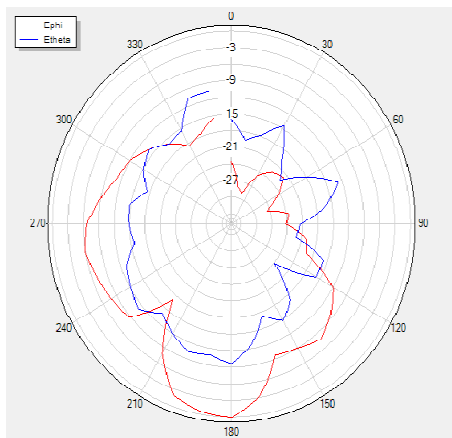
H Theta=90 freq=5100MHz



H Theta=0 freq=5100MHz



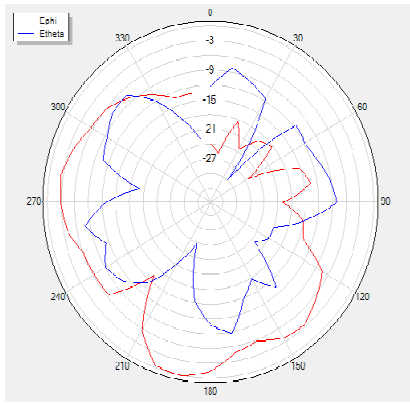
H Theta=90 freq=5400MHz



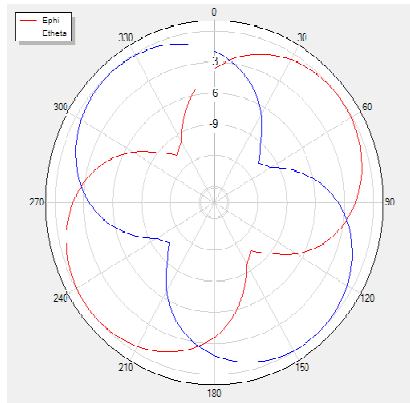
H Theta=0 freq=5400MHz



H Theta=90 freq=5800MHz

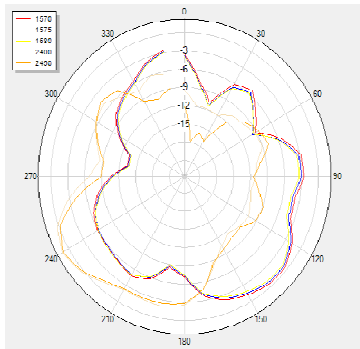


H Theta=0 freq=5800MHz

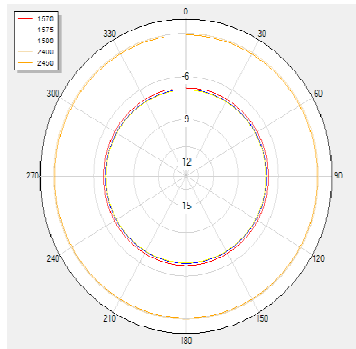


WiFi/BT antenna Etotat Graphs

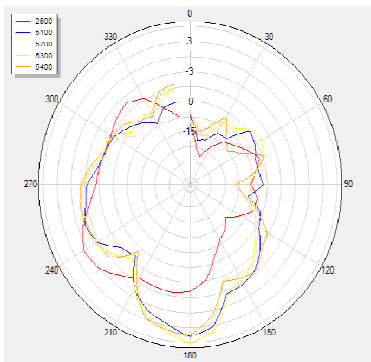
H Theta=90



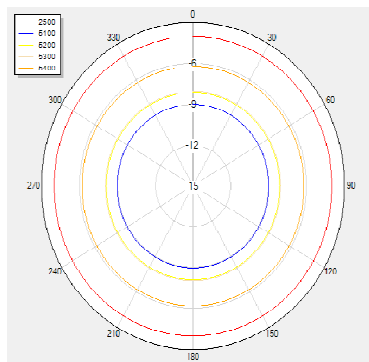
H Theta=0



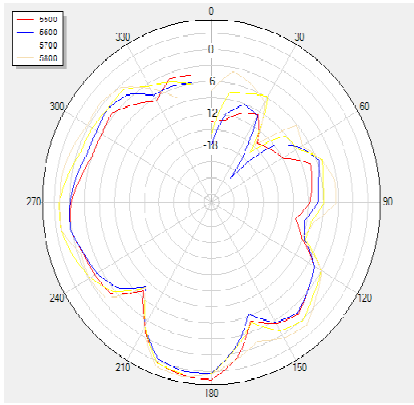
H Theta=90



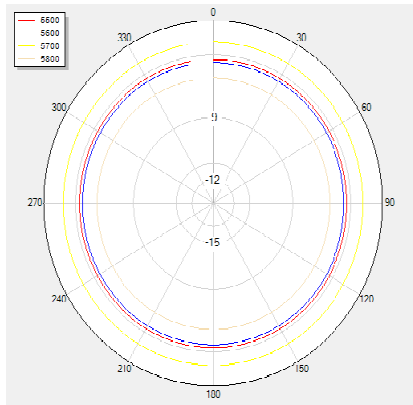
H Theta=0



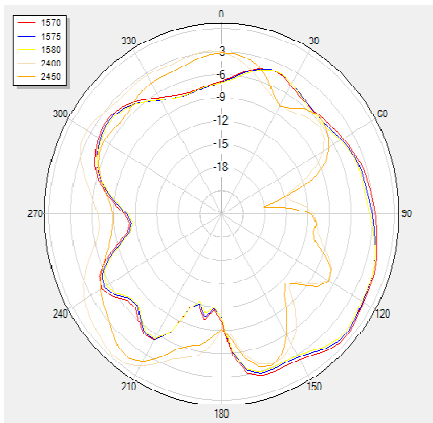
H Theta=90



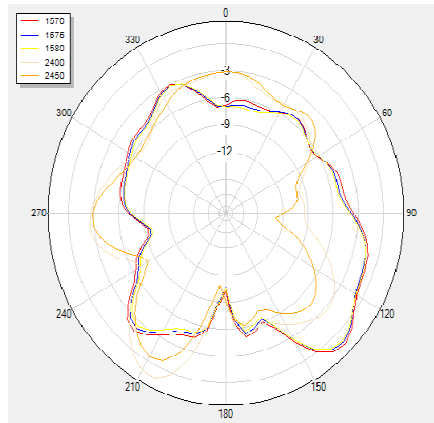
H Theta=0



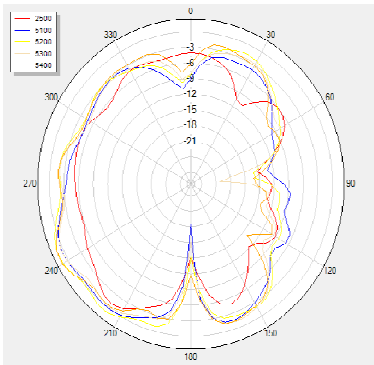
V Phi=90



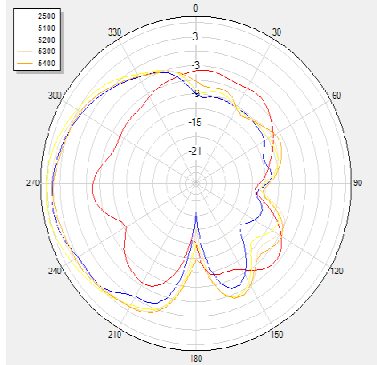
V Phi=0



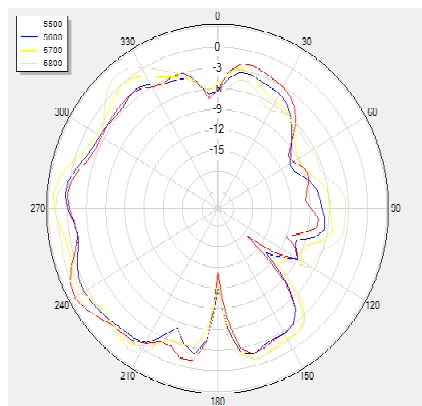
V Phi=90



V Phi=0



V Phi=90



V Phi=0

