



Donguan Meijin Communications Technology Co.,Ltd

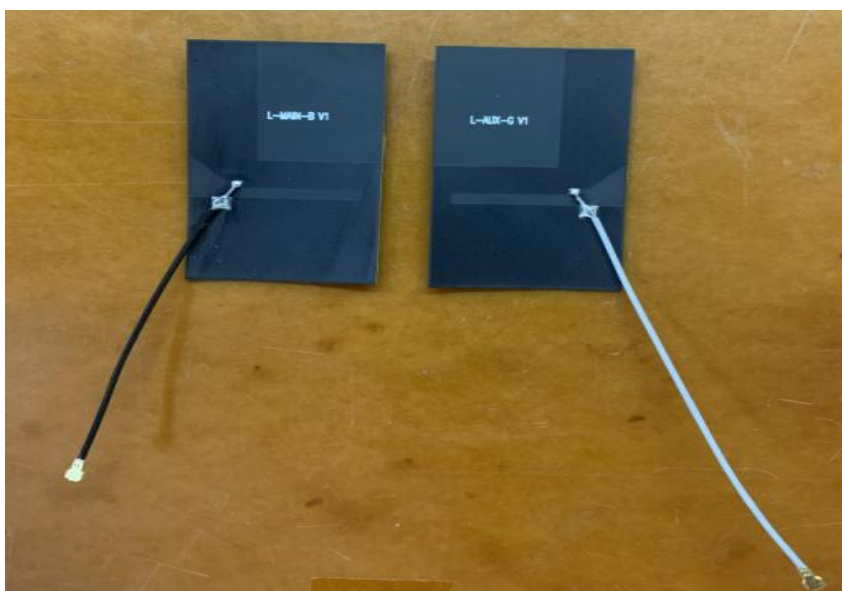
机密文件

Customer Name	Shenzhen AZW Technology Co., Ltd.			
Project Name	ME	Band Info	WiFi 2.4/5G	
Antenna Name	ME Main V1.0 ; L	Customer P/N	14.02.04280000	
		Supplier P/N	L-MAIN-B-V1	
	ME AUX V1.0;	Customer P/N	14.02.04280001	
		Supplier P/N	L-AUX-G- V1	
Version No	R:V1.0	Date	2025-03-12	
Edited by	Check by	Approved by	Date of approval	Company seal
Engineer	Q A	Purchase	Dateof approval	Company seal
Confirmed Result	☐ OK ☐ NG ☐ Other			

一、 EUT



1.1 ANT

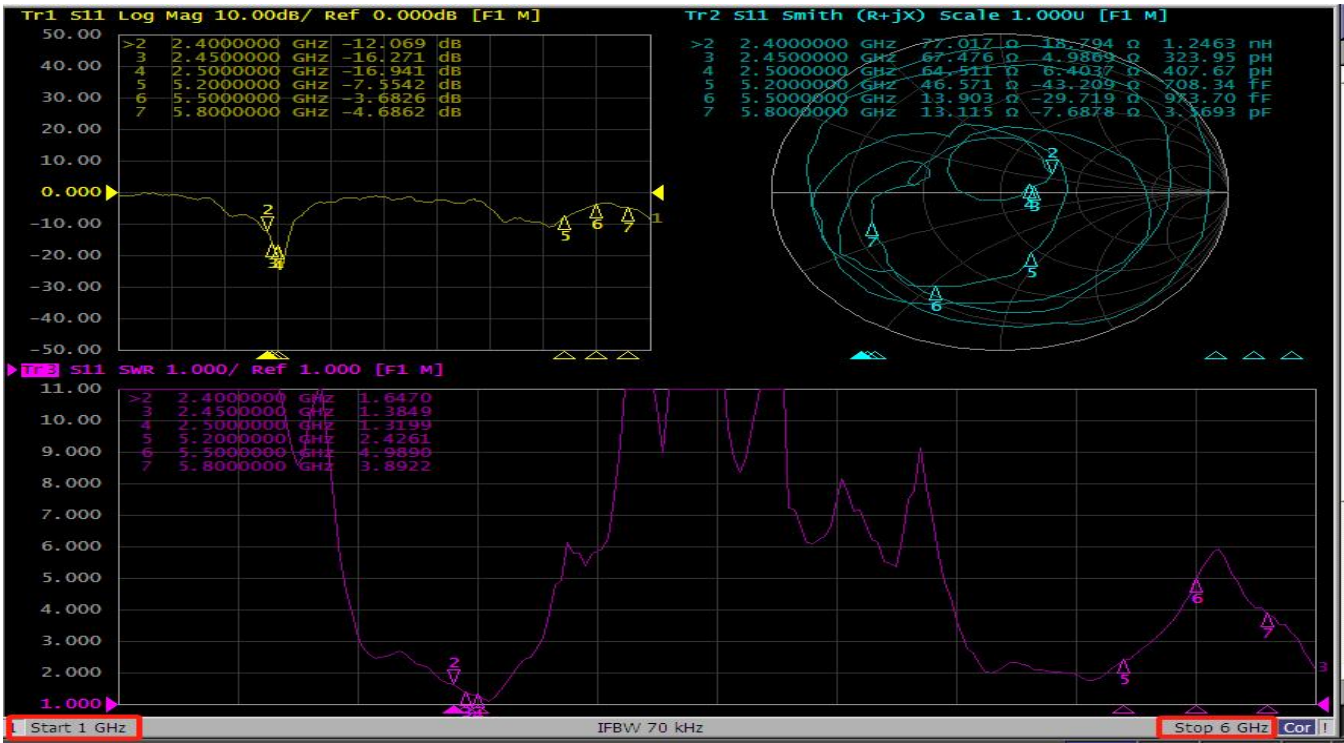


WIFI Antenna picture

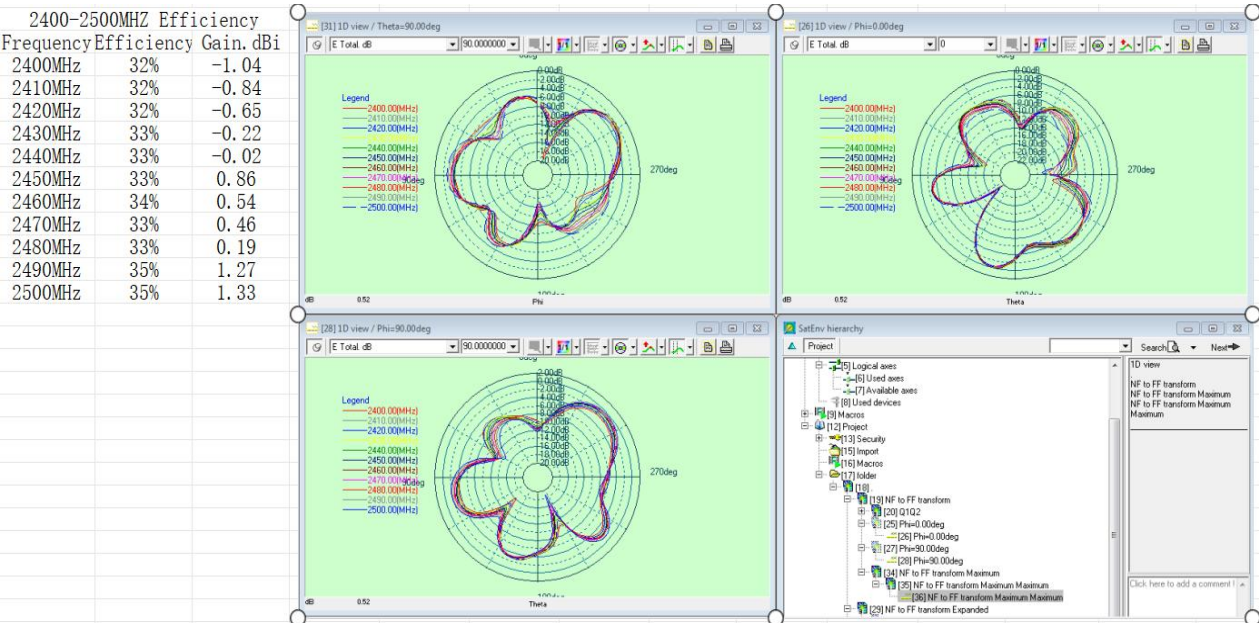
BT Antenna picture

三、

3.1 WIFI Antenna :SWR/Log Mag /Smith



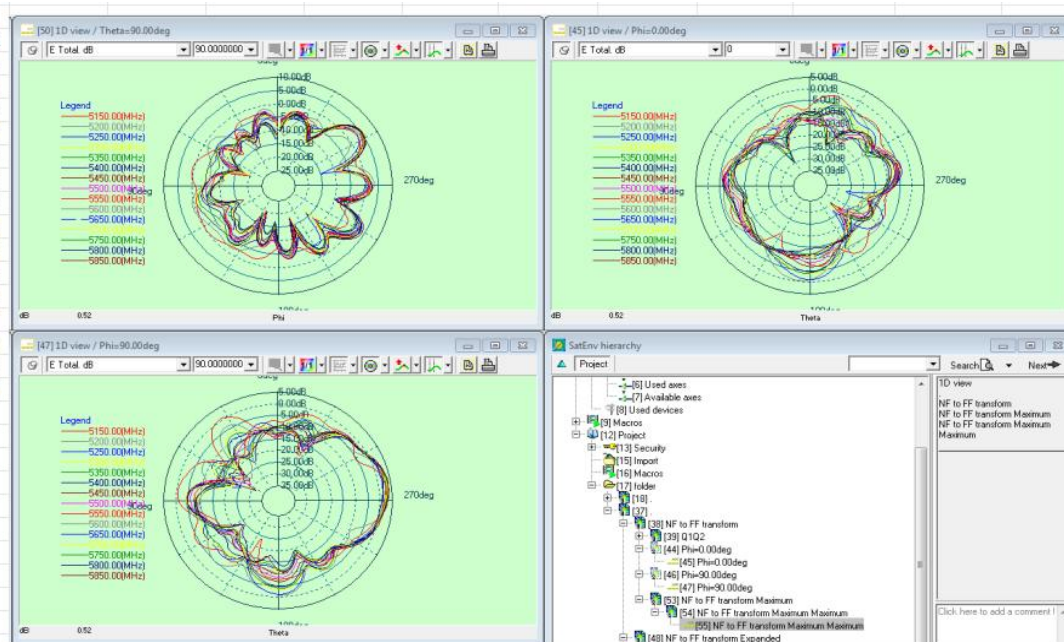
3.1.1 WIFI Antenna:



2400-2500MHZ

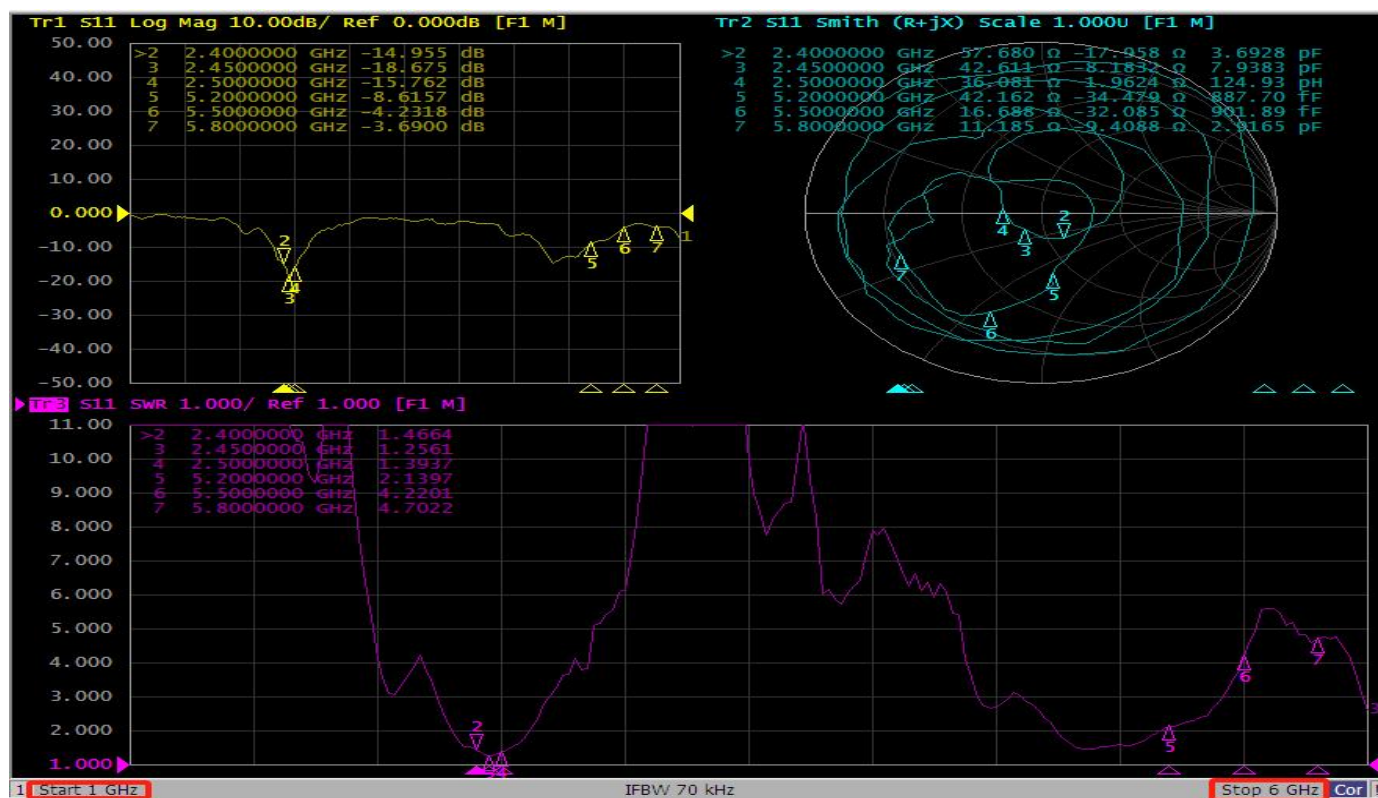
5150-5850MHz Efficiency

Frequency	Efficiency	Gain. dBi
5150MHz	35%	2.81
5200MHz	29%	2.32
5250MHz	27%	2.45
5300MHz	29%	2.32
5350MHz	26%	1.36
5400MHz	23%	1.15
5450MHz	25%	2.13
5500MHz	24%	1.90
5550MHz	24%	2.13
5600MHz	23%	2.05
5650MHz	23%	2.24
5700MHz	21%	1.37
5750MHz	23%	1.59
5800MHz	22%	1.12
5850MHz	25%	1.56



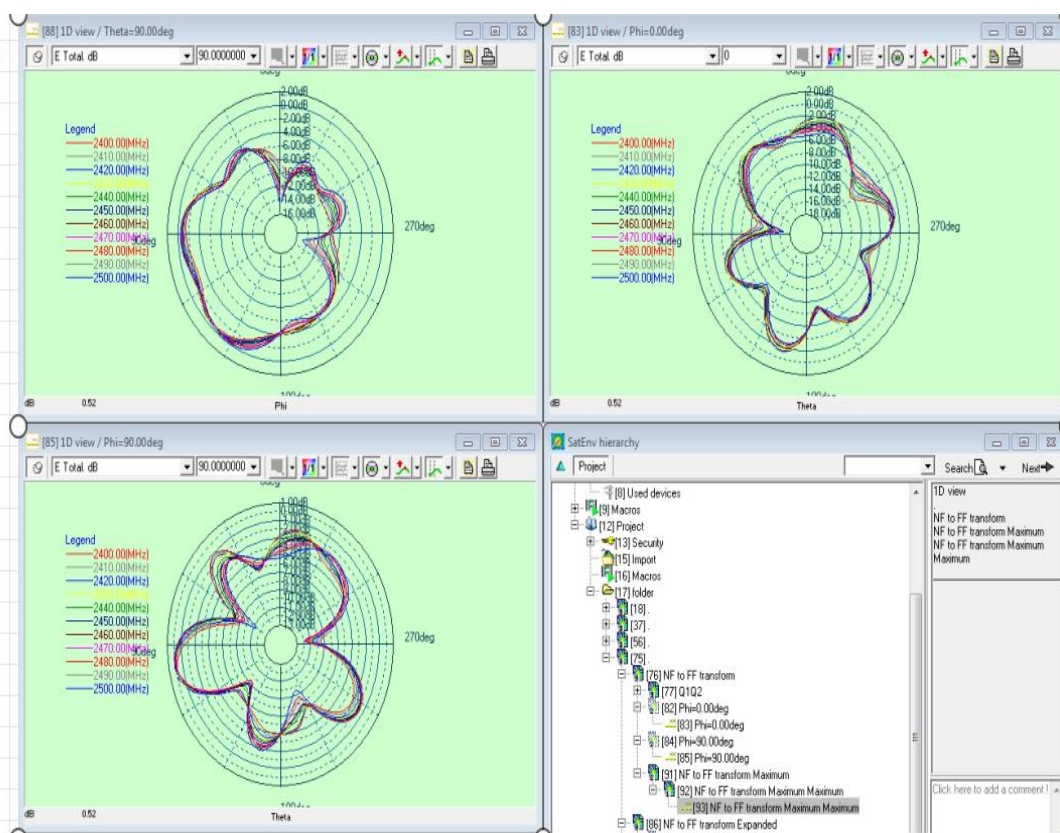
5150~5850MH

3.2 BT Antenna :SWR/Log Mag /Smith



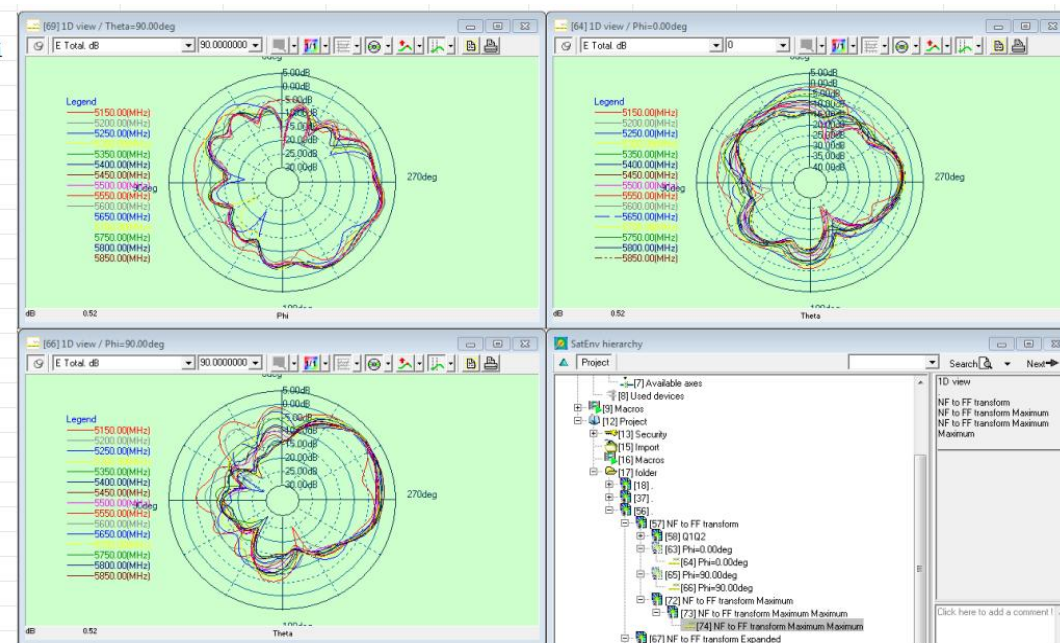
3.2.1 BT Antenna:

Frequency	Efficiency	Gain, dBi
2400MHz	36%	-0.11
2410MHz	36%	-0.04
2420MHz	36%	0.07
2430MHz	36%	0.10
2440MHz	35%	-0.04
2450MHz	34%	0.00
2460MHz	35%	0.13
2470MHz	33%	-0.13
2480MHz	33%	-0.09
2490MHz	35%	0.13
2500MHz	33%	0.07



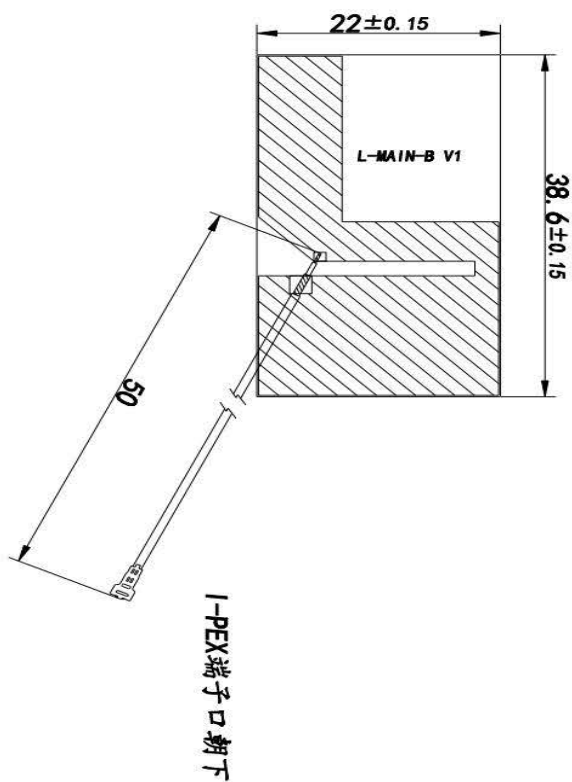
2400-2500MHZ

Frequency	Efficiency	Gain, dBi
5150MHz	28%	1.00
5200MHz	27%	1.05
5250MHz	26%	1.31
5300MHz	28%	1.63
5350MHz	26%	1.48
5400MHz	22%	0.92
5450MHz	23%	0.93
5500MHz	21%	0.76
5550MHz	21%	1.07
5600MHz	22%	1.78
5650MHz	22%	1.98
5700MHz	21%	2.08
5750MHz	23%	2.28
5800MHz	24%	2.53
5850MHz	26%	2.59



5150~5800MHZ

ME WIFI Antenna Drawing



- 技术要求:
1. 打"*"为重点尺寸;
 2. 各部件装配完成后平整、整洁,不得有脏污、划痕、变形等外观不良;
 3. 金手指单体满足我公司盐雾测试24H;
 4. 环保锡线焊接,符合ROHS最新标准;
 5. 焊接及组件完成后拆单件;

	5	6	7
标记	签名	修改内容	日期

东莞美津通讯科技有限公司					
DongGuan Meijin Communication Technology Co., Ltd					
第三视角		日期 2025.03.12			
0~3 ± 0.05 ϕ 0.03		项目名称 L		设计 ZFM	
3~30 ± 0.08 ϕ 0.03		产品名称 WIFI ANT		审核 MD ZFM	
30~50 ± 0.10 $\odot$ 0.02				RF LDM	
50~80 ± 0.12 $\perp$ 0.02		产品料号		批准	
$\pm 1^\circ$ 0.05		材料		单位 mm 比例 FIT 版本 T.A.	
第 1 页，共 1 页					
2 同轴缆		神宇0.81黑色48编/进口PEKA代端子		1	
1 MAIN天线		蔡伦格蒂P11对半		1	
序号		名称		数量	

该文件为东莞美津通讯科技有限公司机密文件，不得外传，东莞美津通讯科技有限公司对文件内容有完全解释权