



Donguan Meijin Communications Technology Co.,Ltd

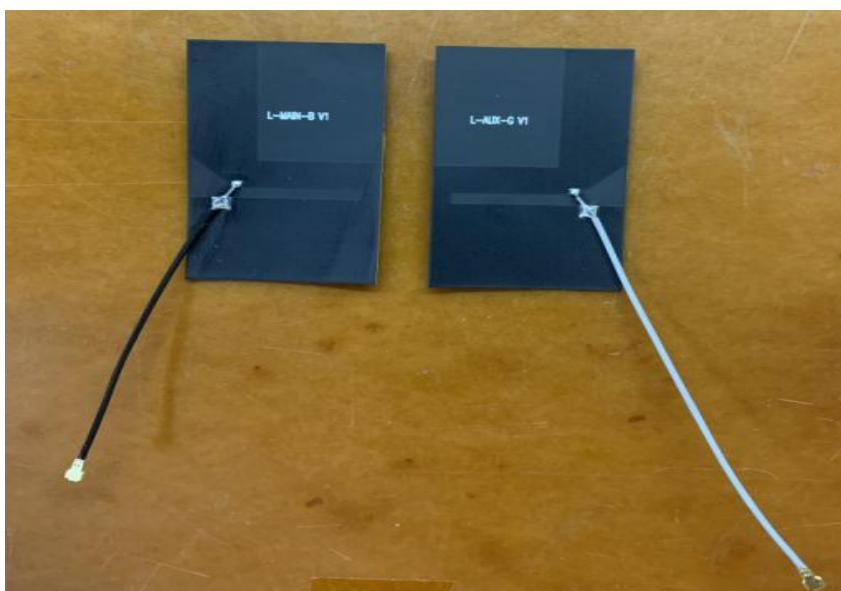
机密文件

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			

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1.1 ANT



WIFI Antenna picture

BT Antenna picture



Band	Channel	自由空间	
		TRP	TIS
WIFI2.4G (B模)	1	10.43	11MBps
	6	10.58	
	11	11.63	-80.17
	AVE	10.88	

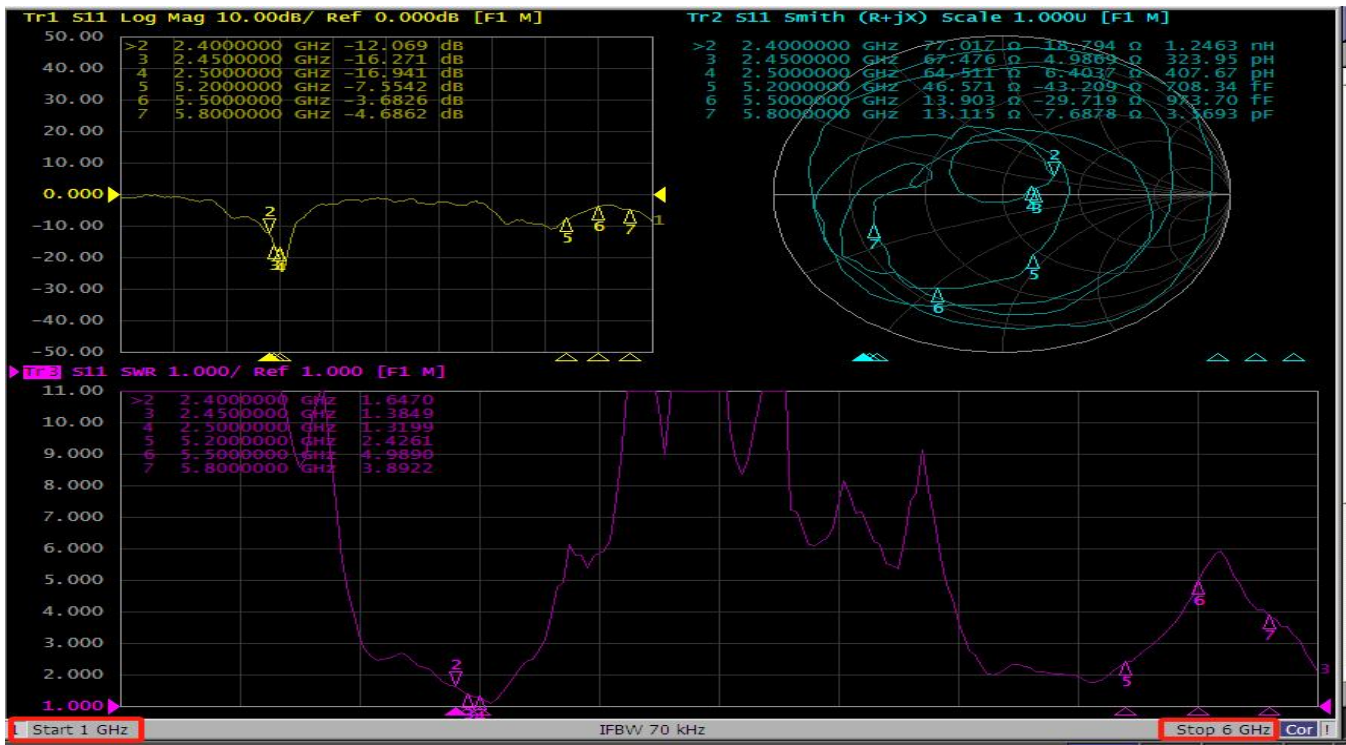
Band	Channel	自由空间	
		TRP	TIS
WIFI2.4G (G模)	1	10.05	54Mbps
	6	10.27	
	11	11.54	-68.15
	AVE	10.62	

Band	Channel	自由空间	
		TRP	TIS
WIFI2.4G (N模)	1	10.79	MCS7
	6	10.69	
	11	11.81	-65.77
	AVE	11.10	

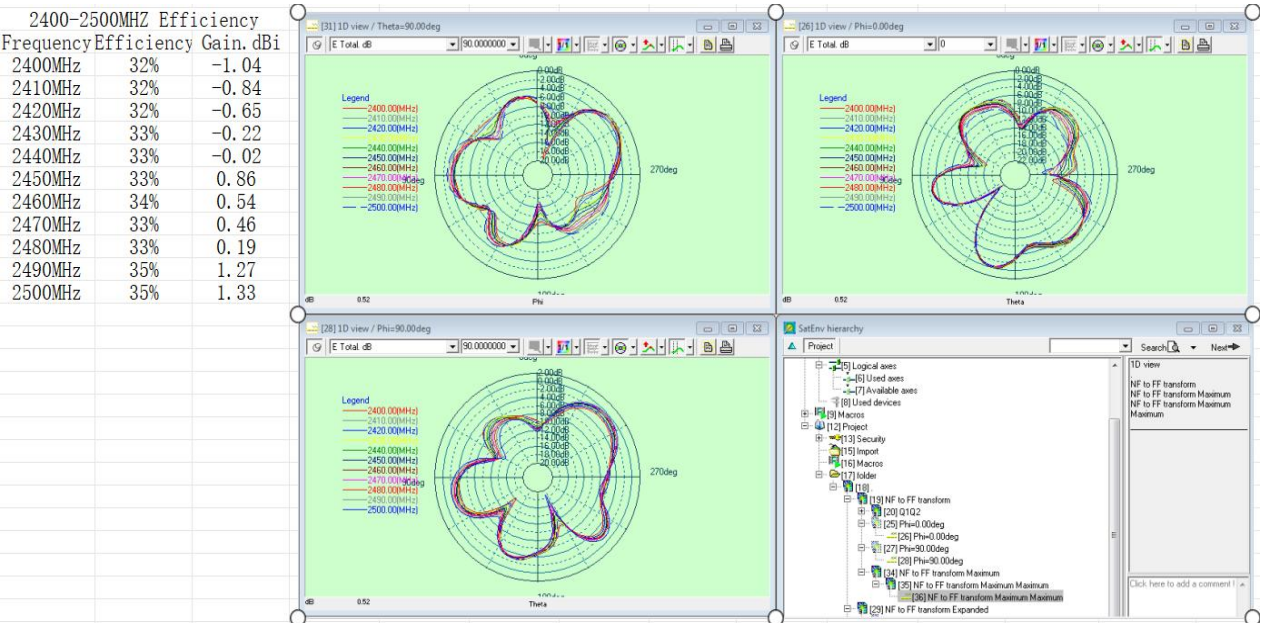
Band	Channel	自由空间	
		TRP	TIS
WIFI5G (A模)	36	10.47	-69.59
	64	10.02	54MBps
	149	10.90	
	165	11.54	-70.50
	Ave	10.73	

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3.1 WIFI Antenna :SWR/Log Mag /Smith



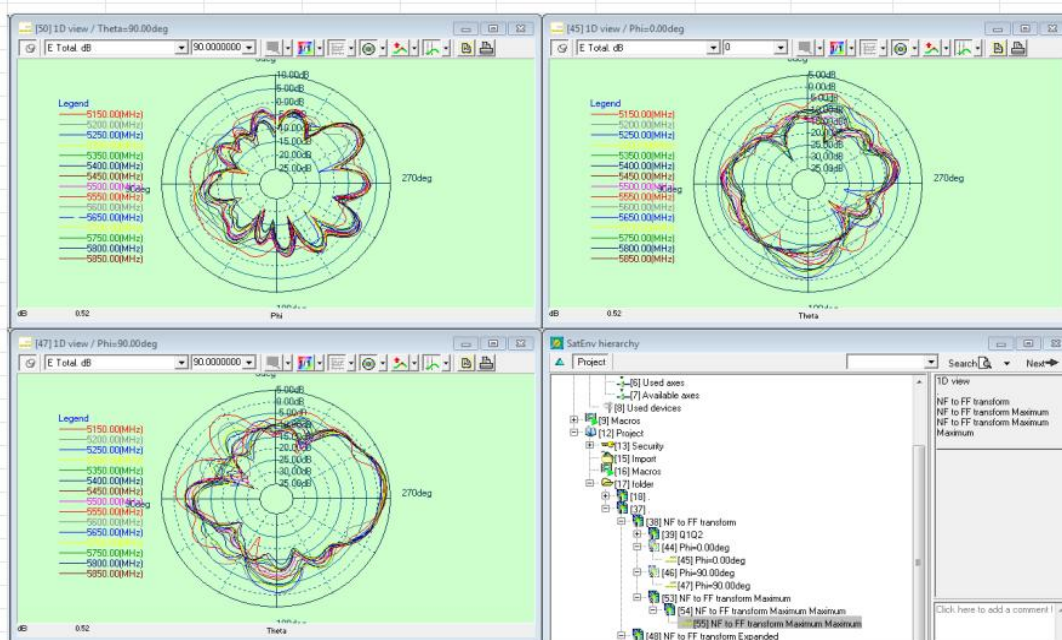
3.1.1 WIFI Antenna:



2400-2500MHz

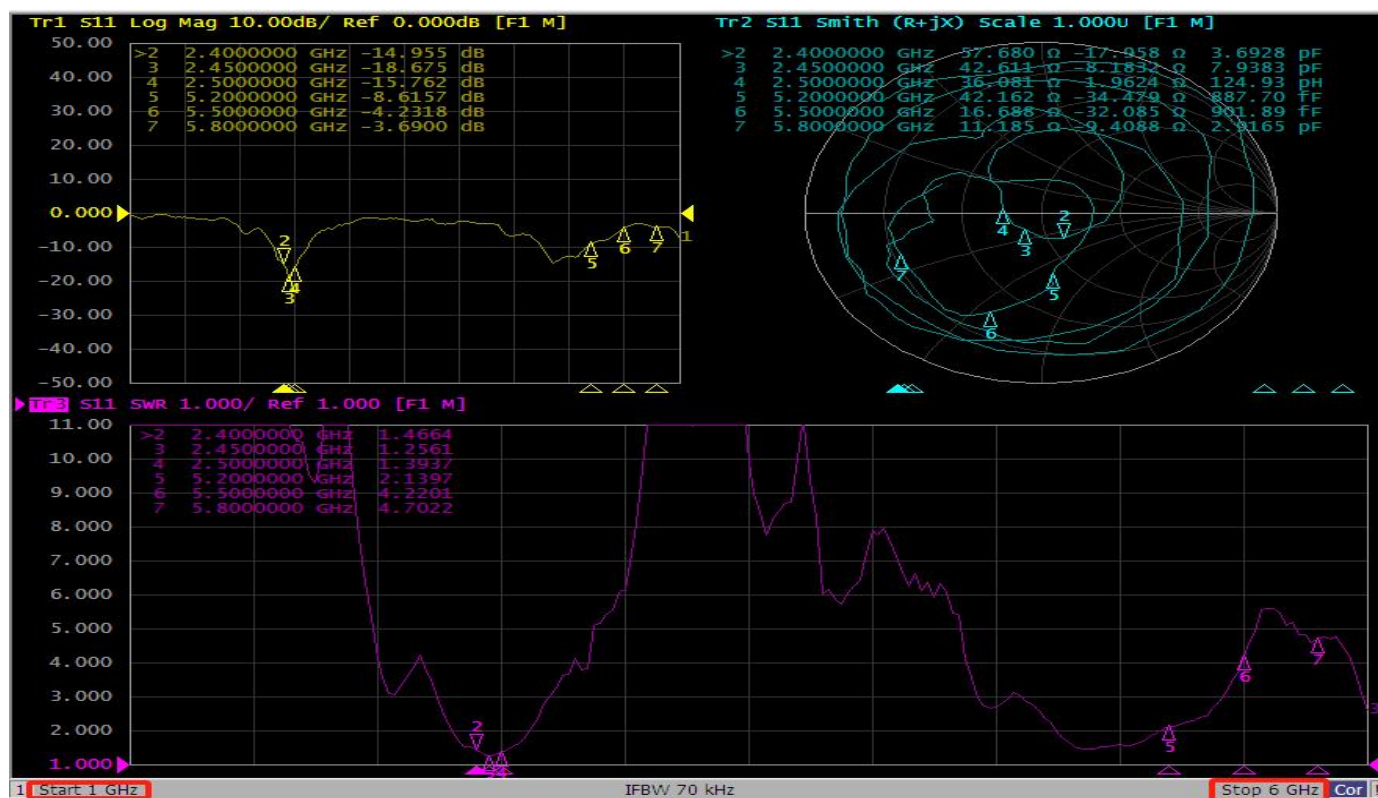
5150~5850MHz Efficiency

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



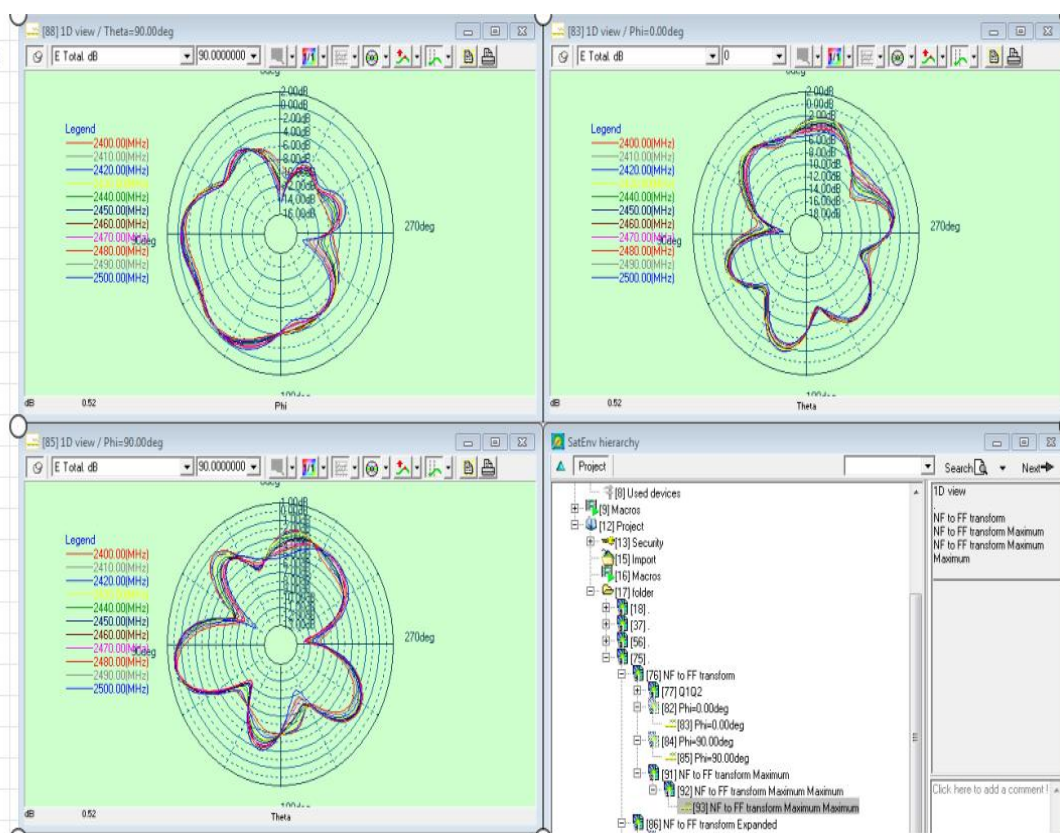
5150~5850MH

3.2 BT Antenna :SWR/Log Mag /Smith



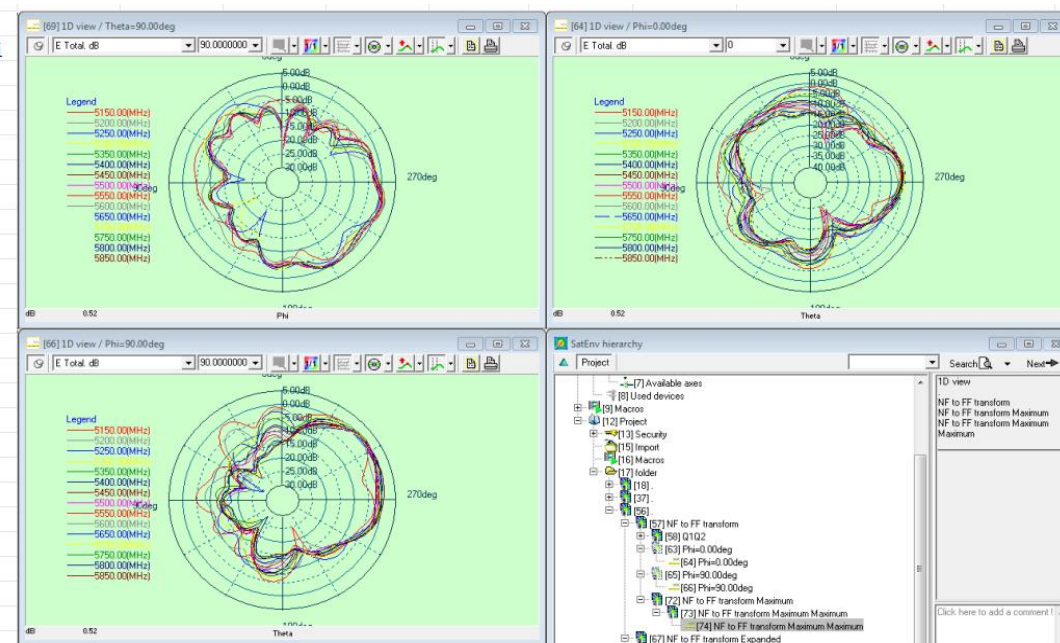
3.2.1 BT Antenna:

2400-2500MHz Efficiency		
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

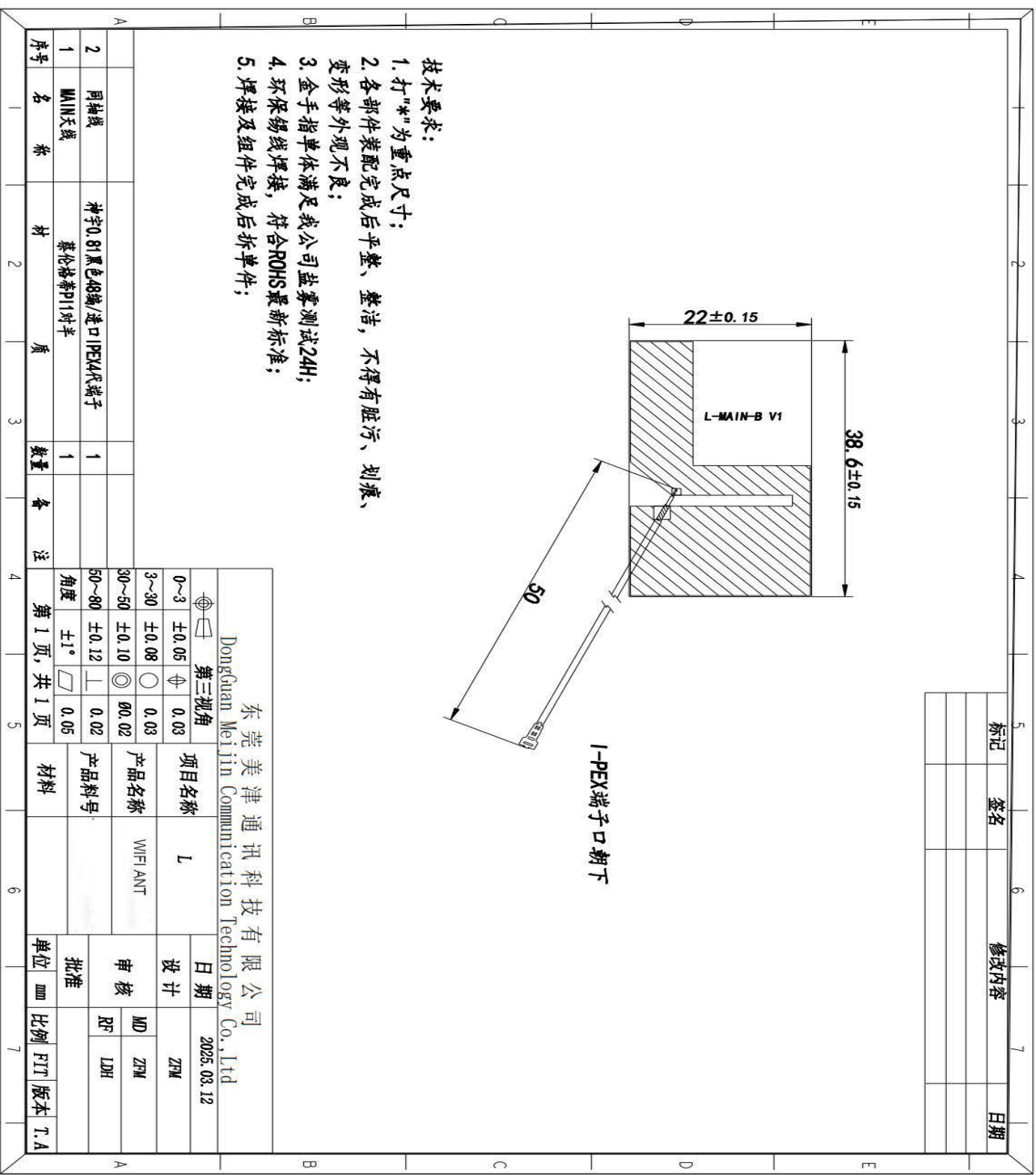
5150-5850MHz Efficiency		
Frequency	Efficiency	Gain, dBi
5150MHz	28%	1.00
5200MHz	27%	1.05
5250MHz	26%	1.31
5300MHz	28%	1.63
5350MHz	26%	1.48
5400MHz	22%	0.92
5450MHz	23%	0.93
5500MHz	21%	0.76
5550MHz	21%	1.07
5600MHz	22%	1.78
5650MHz	22%	1.98
5700MHz	21%	2.08
5750MHz	23%	2.28
5800MHz	24%	2.53
5850MHz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



5150~5800MHZ

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ME WIFI Antenna Drawing



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