



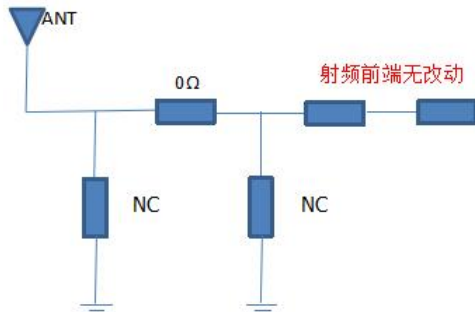
爱特恩科技（深圳）有限公司
(AT&C Technologies(shenzhen)Co.,Ltd)

Test Report

Model Information:			
Model Name	T87B0V		
Engineer	杨国昌		
BAND	2400-2500		
Date	2023/8/25		

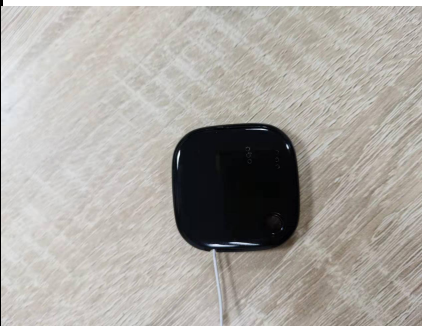
Matching circuit:

Antenna matching



Pictures of the whole machine and antenna:

Whole machine pictures

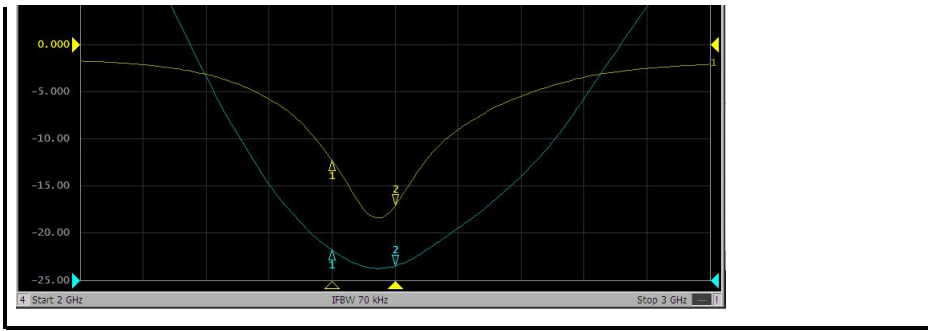


Antenna installation pictures



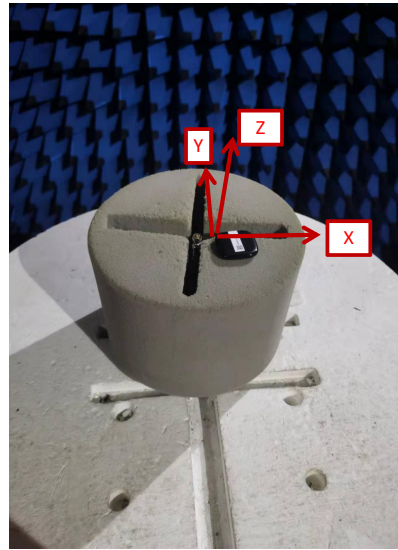
Antenna network points pictures





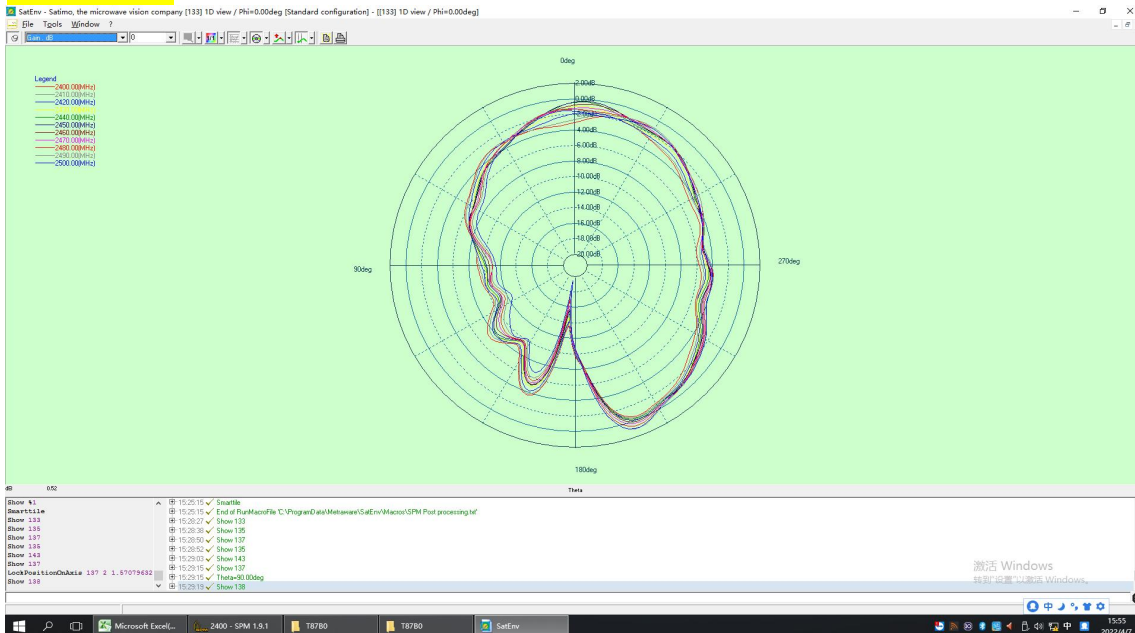
无源测试数据:

试产机器, 天线未动			
Frequency/MHz	Efficiency/%	Efficiency/ dB	Gain. dBi
2400	40%	-3.99	0.32
2410	40%	-3.98	0.25
2420	41%	-3.84	0.54
2430	42%	-3.80	0.58
2440	42%	-3.80	0.39
2450	43%	-3.66	0.80
2460	44%	-3.59	1.00
2470	44%	-3.53	1.05
2480	45%	-3.46	1.04
2490	45%	-3.43	0.91
2500	44%	-3.56	0.72

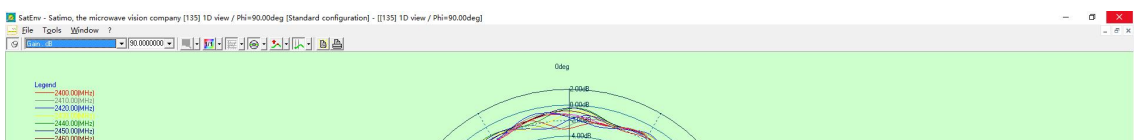


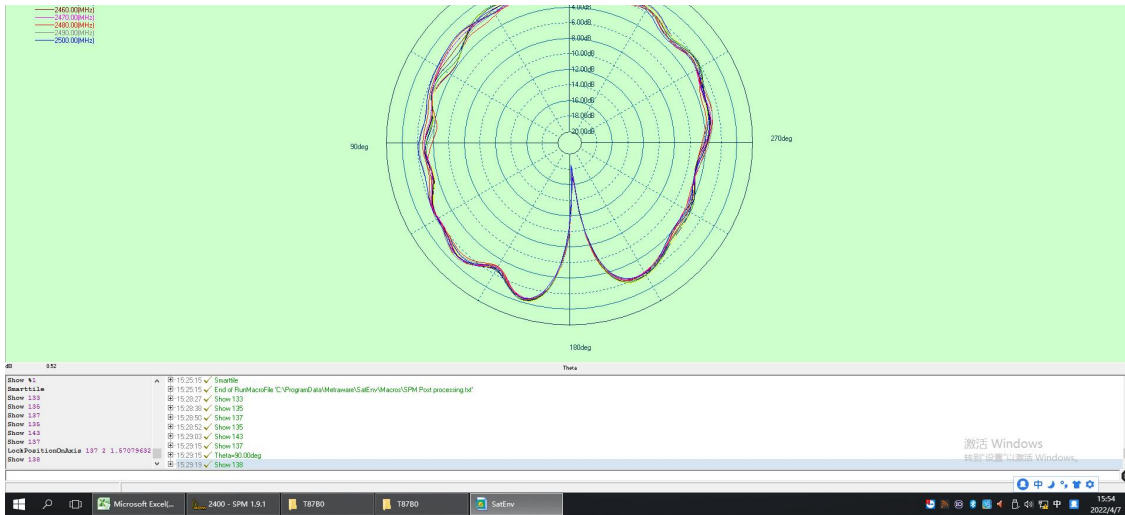
Antenna passive pattern:

Gain Phi. dB-0

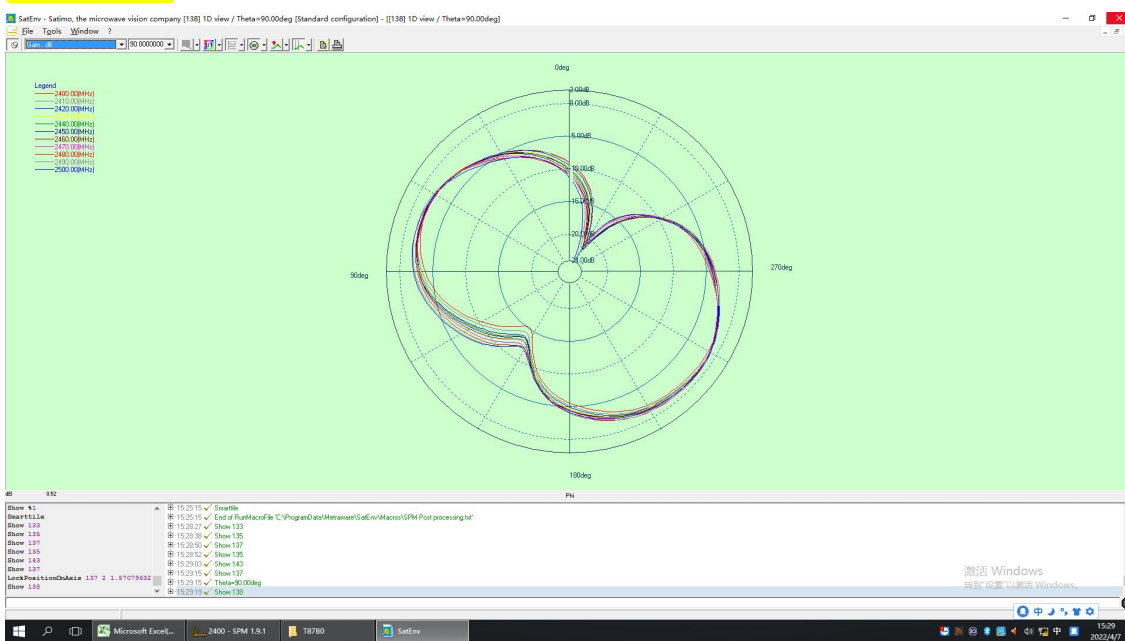


Gain Phi. dB-90





Gain Theta. dB-0



REV	REV	DATE	DESCRIPTION OF CHANGE	ISSUE	DESIGN	APPROVED
1						

16.86 ± 0.15

8.32 ± 0.1

T87B0

白色字符

阴影背胶区域

胶纸切断线位置

AT&C

AT&C Co., LTD. (Shenzhen)

PART NAME: T87B0-FPC-黑色

WIP1 Ant

DATE: 2022.07.04

SCALE: 1:1

ATNC-S-01-A4

A4(297X210)

Photo Size: A4(297X210)

1. 一般公差: 未注 0.15
 2. 所有尺寸均以最大值标注, 除非另有说明, 标注公差为:
 3. 未注公差: 0.15mm, 0.2mm, 0.5mm, 1.0mm, 1.5mm, 2.0mm, 3.0mm, 4.0mm, 5.0mm, 6.0mm, 8.0mm, 10.0mm, 12.5mm, 15.0mm, 20.0mm, 25.0mm, 30.0mm, 40.0mm, 50.0mm, 60.0mm, 80.0mm, 100.0mm, 125.0mm, 150.0mm, 200.0mm, 250.0mm, 300.0mm, 400.0mm, 500.0mm, 600.0mm, 800.0mm, 1000.0mm, 1250.0mm, 1500.0mm, 2000.0mm, 2500.0mm, 3000.0mm, 4000.0mm, 5000.0mm, 6000.0mm, 8000.0mm, 10000.0mm, 12500.0mm, 15000.0mm, 20000.0mm, 25000.0mm, 30000.0mm, 40000.0mm, 50000.0mm, 60000.0mm, 80000.0mm, 100000.0mm, 125000.0mm, 150000.0mm, 200000.0mm, 250000.0mm, 300000.0mm, 400000.0mm, 500000.0mm, 600000.0mm, 800000.0mm, 1000000.0mm, 1250000.0mm, 1500000.0mm, 2000000.0mm, 2500000.0mm, 3000000.0mm, 4000000.0mm, 5000000.0mm, 6000000.0mm, 8000000.0mm, 10000000.0mm, 12500000.0mm, 15000000.0mm, 20000000.0mm, 25000000.0mm, 30000000.0mm, 40000000.0mm, 50000000.0mm, 60000000.0mm, 80000000.0mm, 100000000.0mm, 125000000.0mm, 150000000.0mm, 200000000.0mm, 250000000.0mm, 300000000.0mm, 400000000.0mm, 500000000.0mm, 600000000.0mm, 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