



样品规格书

Antenna Part Specification

客户名称: Customer name:	漫步者 Eifier
项目名称: Project name:	辅听 3 号 FuTing 3#
天线类型: Material category:	BT 天线 BT antenna
版本: Version:	V1.0
日期: Date:	2023.08.03



目录

Contents

一：无源测试报告	3
I: The report of passive data	3
二：暗室有源测试数据	6
II: 3D Active test report of antenna	6
三：匹配电路	6
III: Matching circuit	6
四：环境处理	7
IV: Environmental treatment.....	7
五：结构图档	8
V: Structure file	8

变更记录栏 Change record			
编制/变更日期 Compile / change date	变更理由 Reason for change	变更内容 Changed content	版本 Version
2023.08.03	first edition	first edition	V1.0



一：无源测试报告

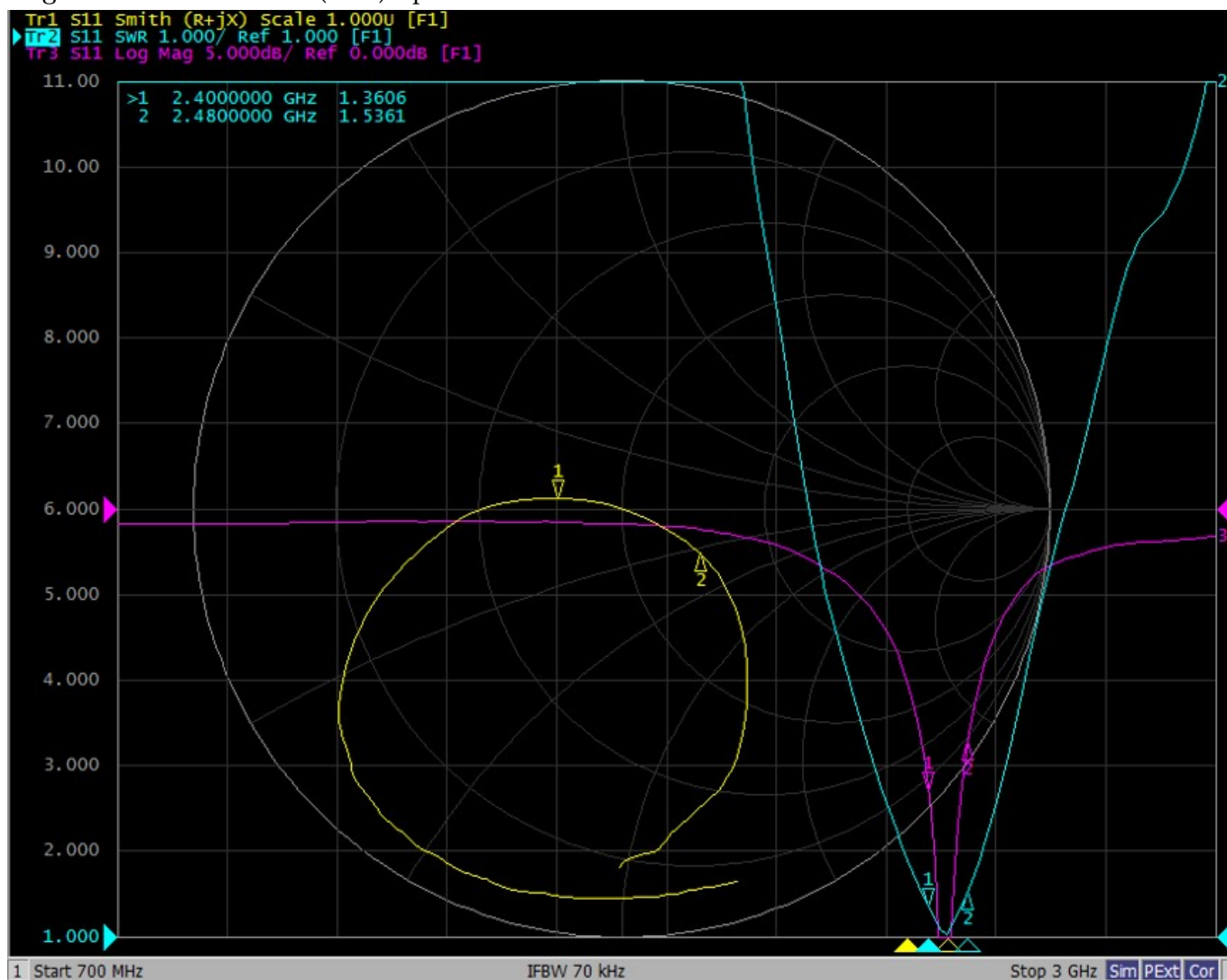
I: The report of passive data



Angilent E5071C

右耳天线 S 参数

Right antenna VSWR(S11) parameter





右耳天线无源效率与增益

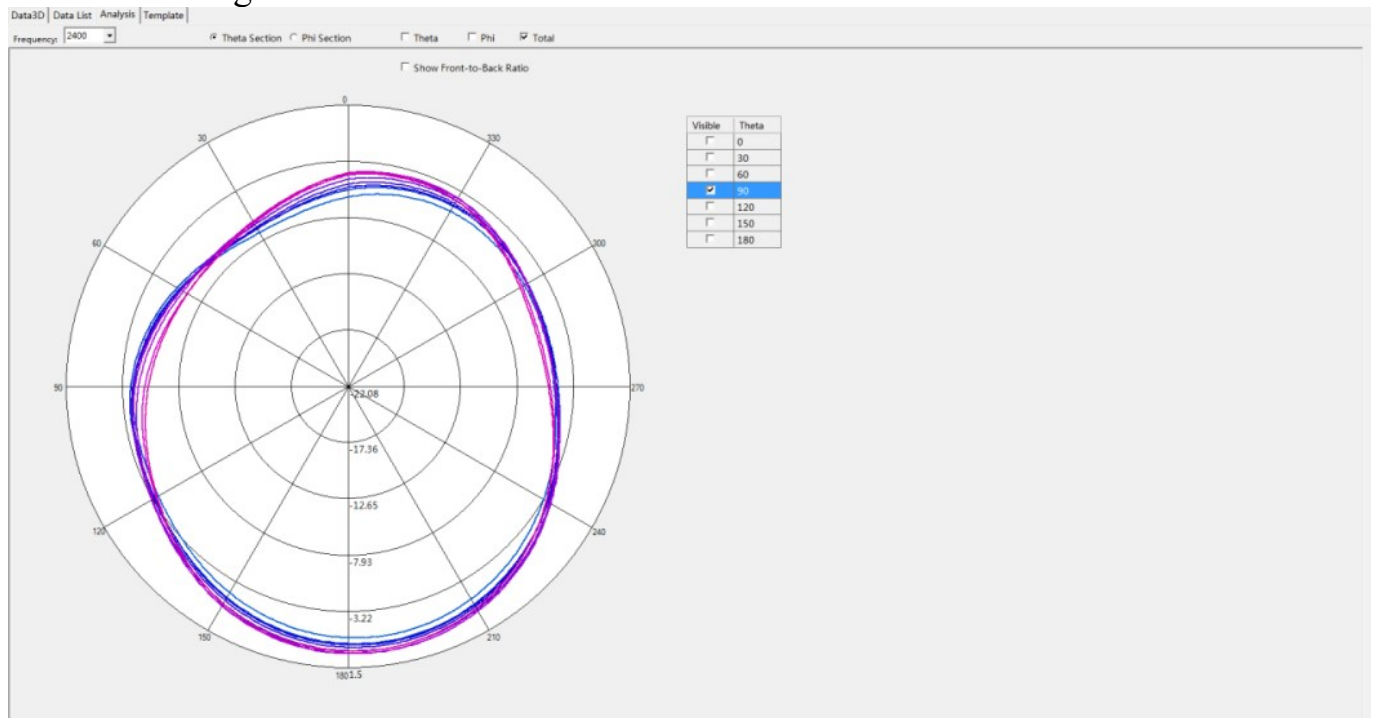
Passive efficiency and gain of Right ear antenna

R			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	34.8%	-4.59	-1.01
2410	37.7%	-4.23	-0.50
2420	37.3%	-4.29	-0.40
2430	37.8%	-4.22	-0.20
2440	38.9%	-4.10	0.09
2450	39.6%	-4.03	0.29
2460	39.4%	-4.05	0.32
2470	36.6%	-4.36	0.13
2480	36.0%	-4.44	0.12
Average value	37.6%	-4.25	-0.13

天线无源方向图

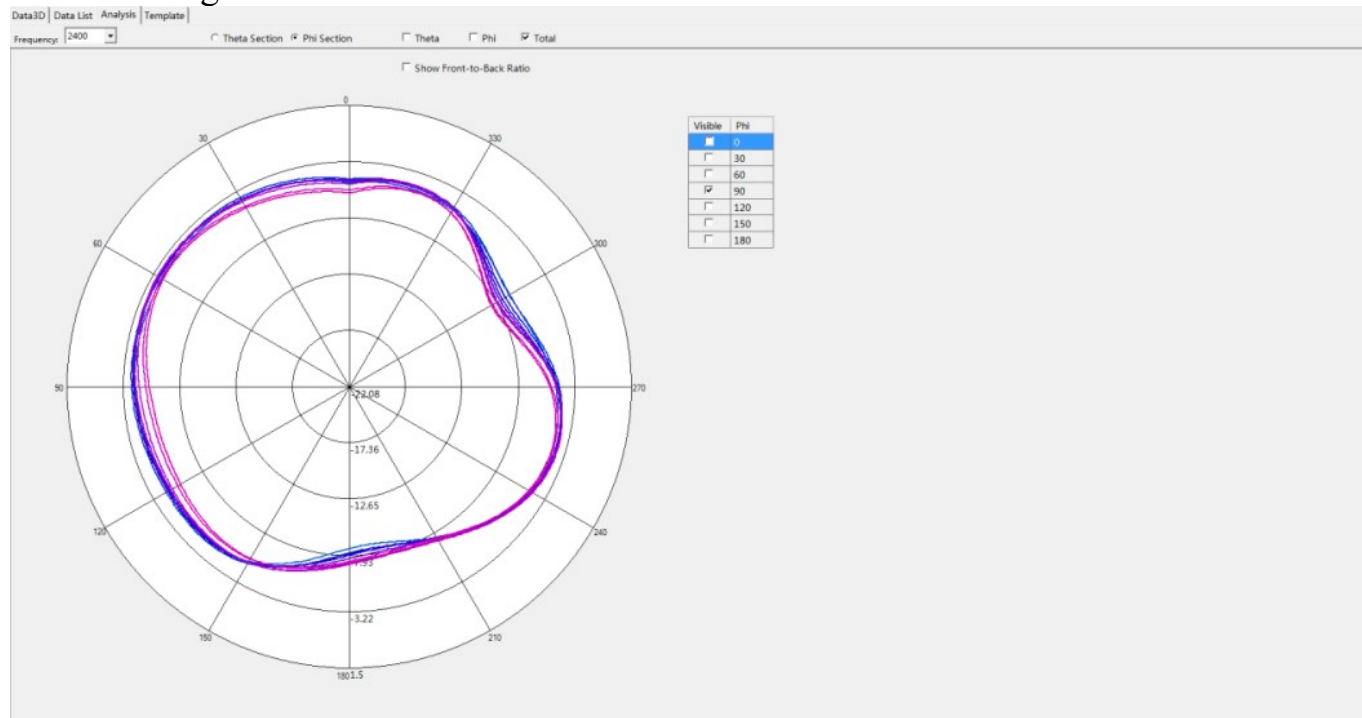
Antenna radiation pattern

Theta=90.00deg

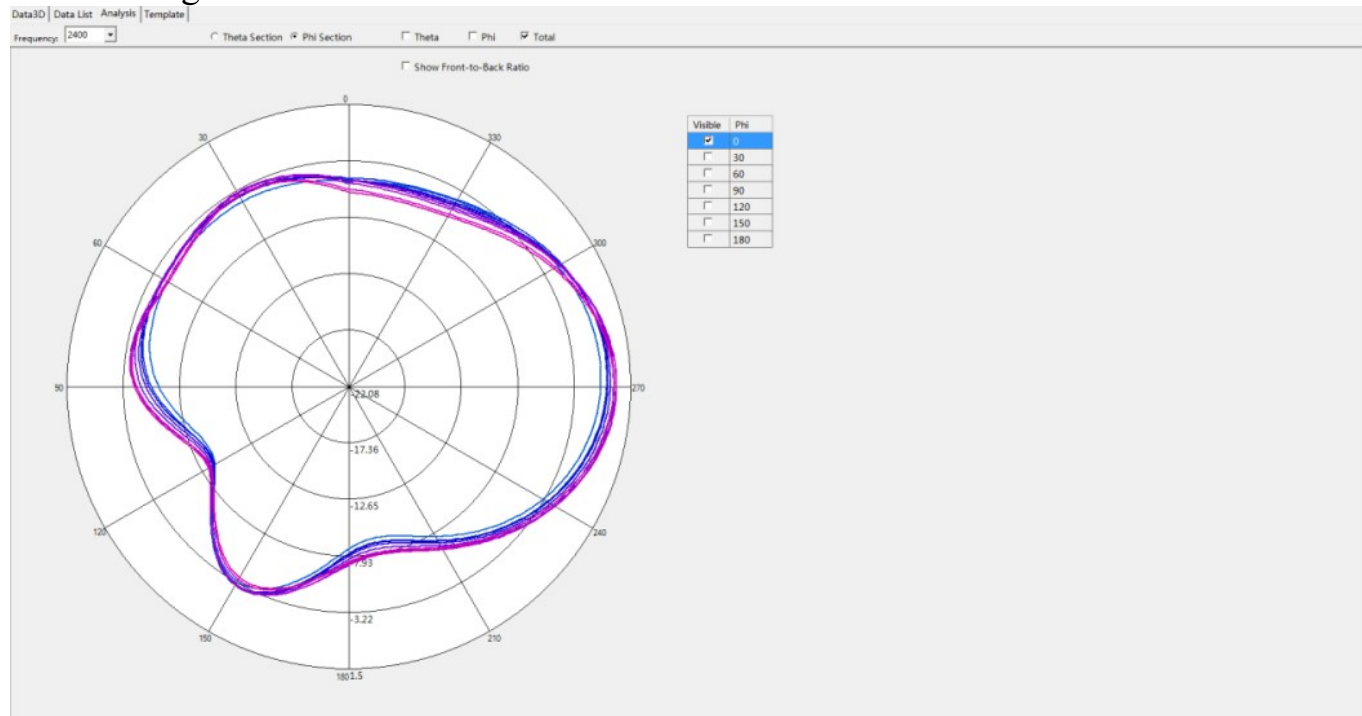




Phi=90.00deg



Phi=0.00deg





二：暗室有源测试数据

II: 3D Active test report of antenna

free/自由空间	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	3.4	-88.5
	CH 39	3.9	-88.6
	CH 78	3.8	-88.2

Headform/人头耳	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	-3.0	-82.1
	CH 39	-2.0	-82.6
	CH 78	-2.3	-82.2

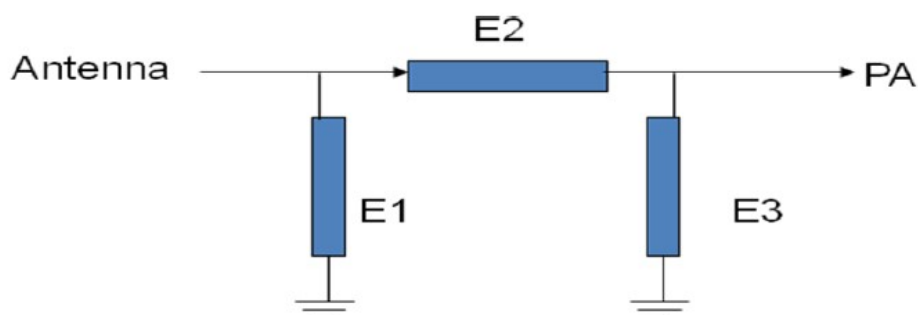


OTA Standard Chamber

三：匹配电路

III: Matching circuit

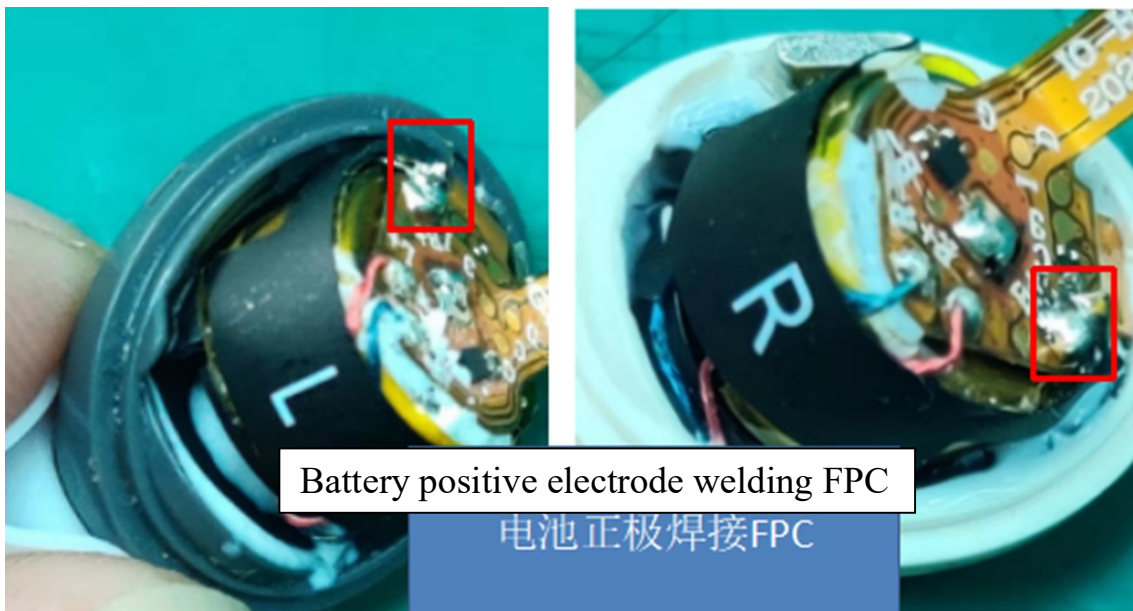
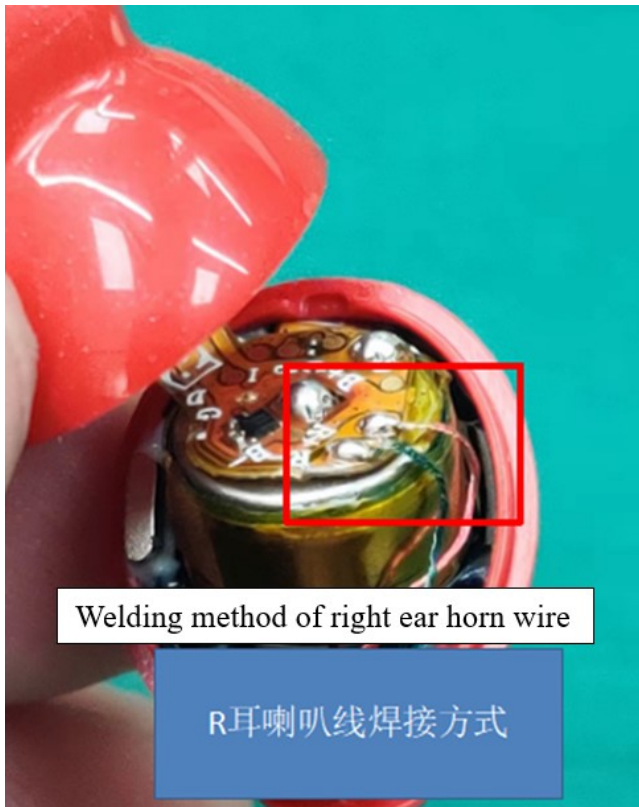
Element	Value
E1	1.0pF
E2	0 Ω
E3	0.8pf





四：环境处理

IV: Environmental treatment





五：结构图档
V： Structure file

