



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



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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

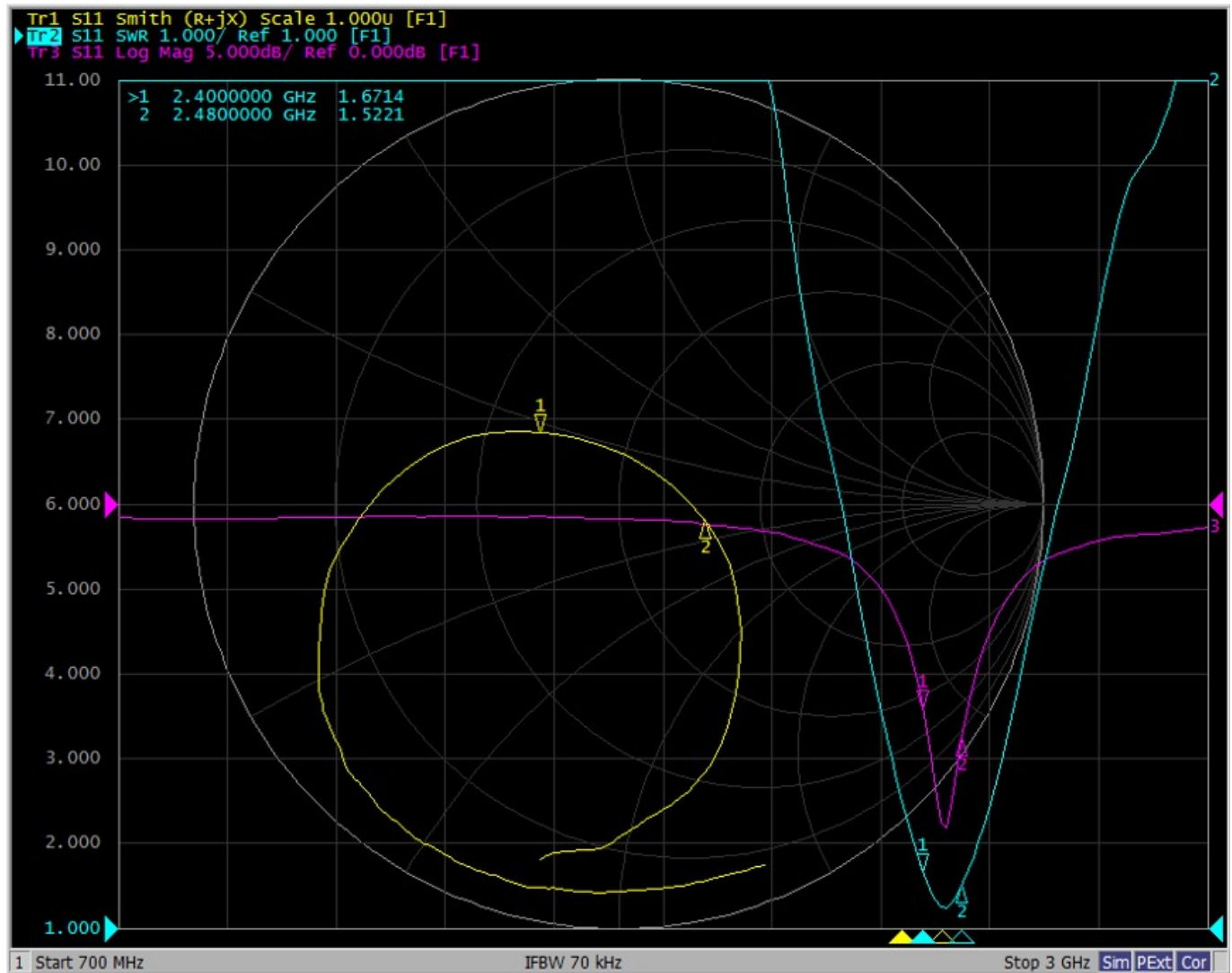
I: The report of passive data



Angilent E5071C

左耳天线 S 参数

Left antenna VSWR(S11) parameter





左耳天线无源效率与增益

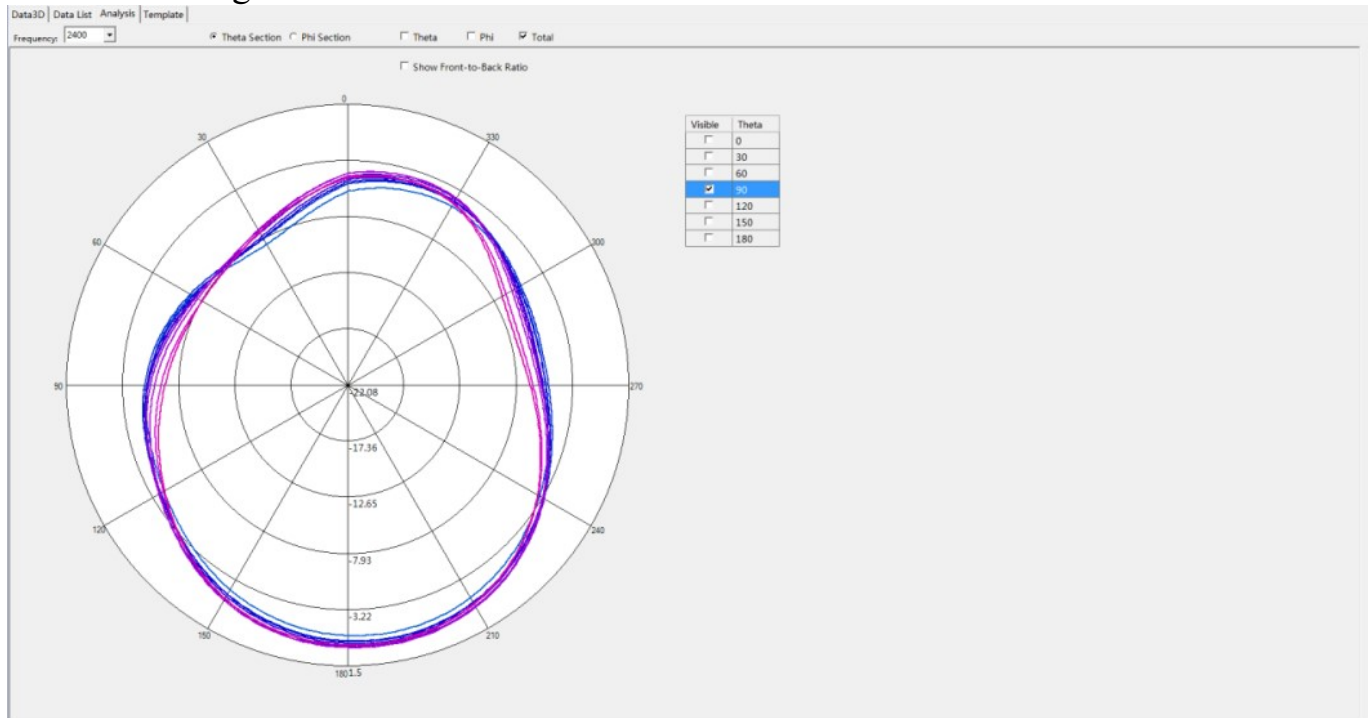
Passive efficiency and gain of left ear antenna

L			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	35.1%	-4.54	-1.04
2410	37.6%	-4.24	-0.59
2420	36.9%	-4.32	-0.52
2430	37.1%	-4.30	-0.37
2440	37.6%	-4.24	-0.15
2450	37.6%	-4.25	-0.04
2460	37.0%	-4.31	-0.02
2470	34.5%	-4.63	-0.23
2480	33.7%	-4.72	-0.24
Average value	36.4%	-4.39	-0.36

天线无源方向图

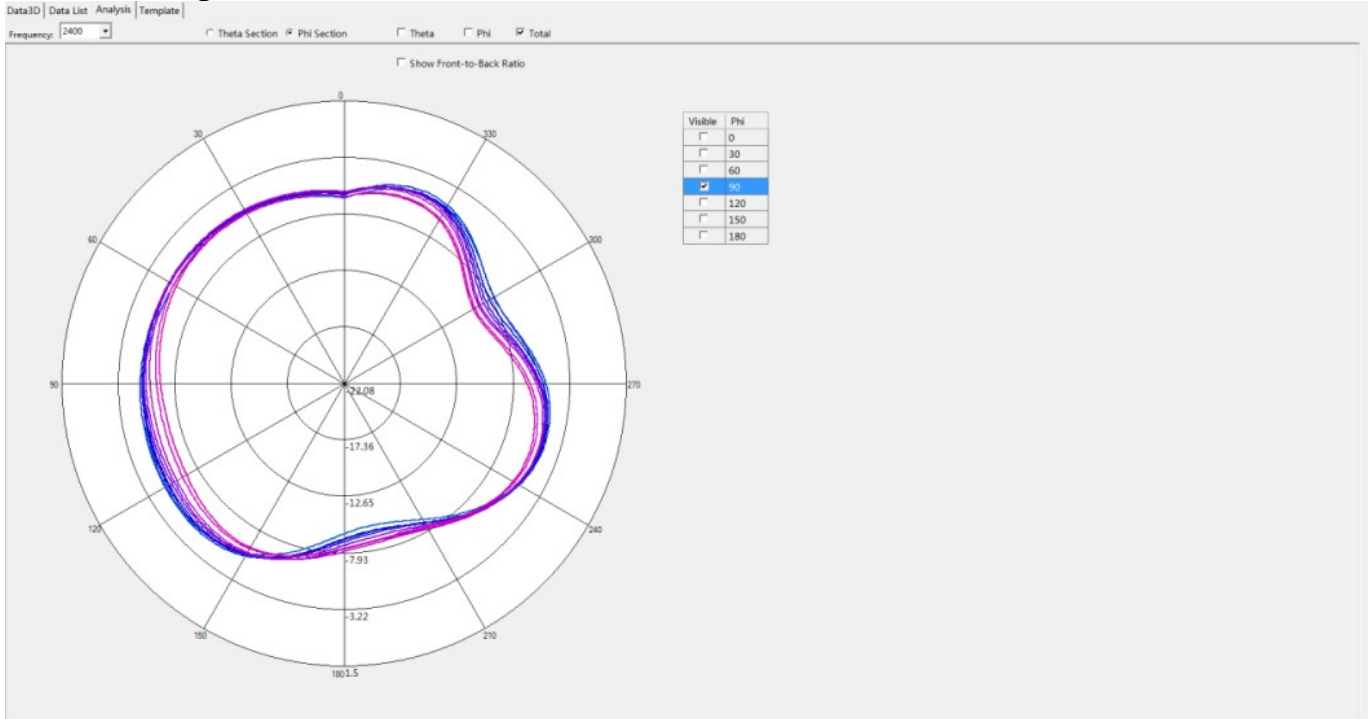
Antenna radiation pattern

Theta=90.00deg

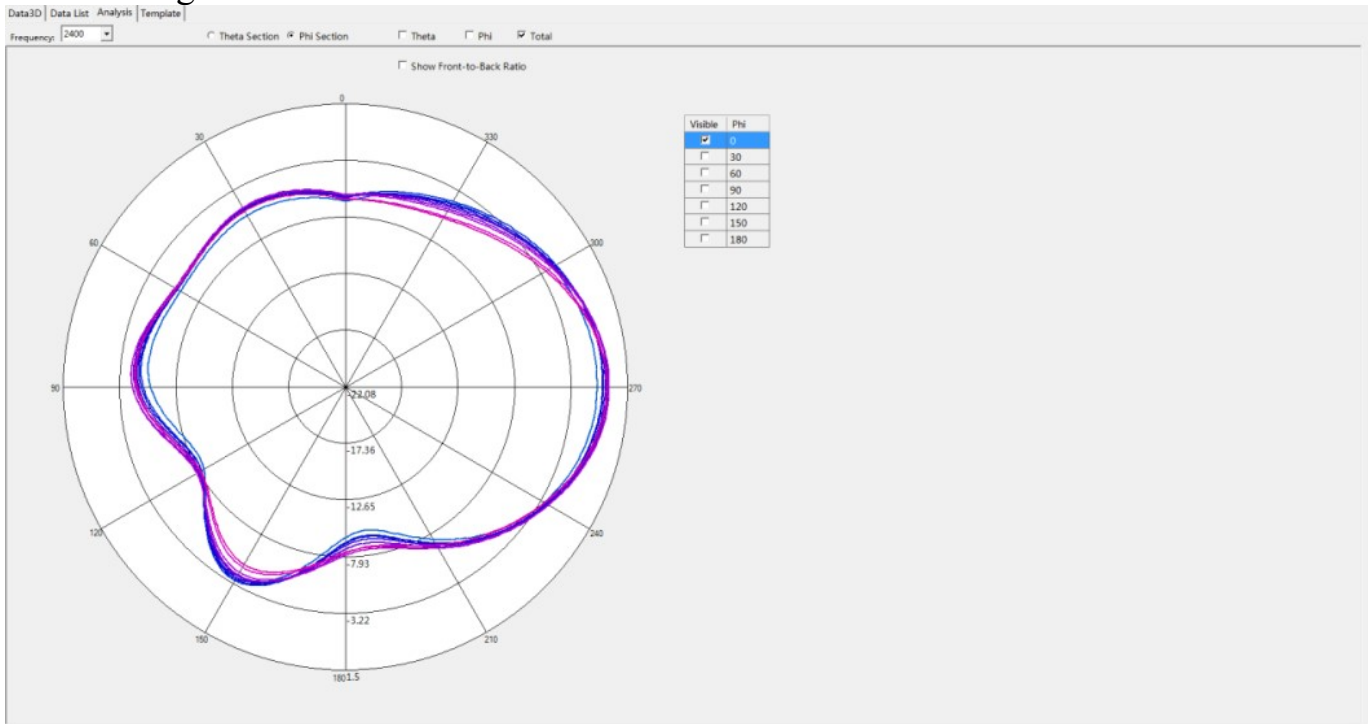




Phi=90.00deg



Phi=0.00deg



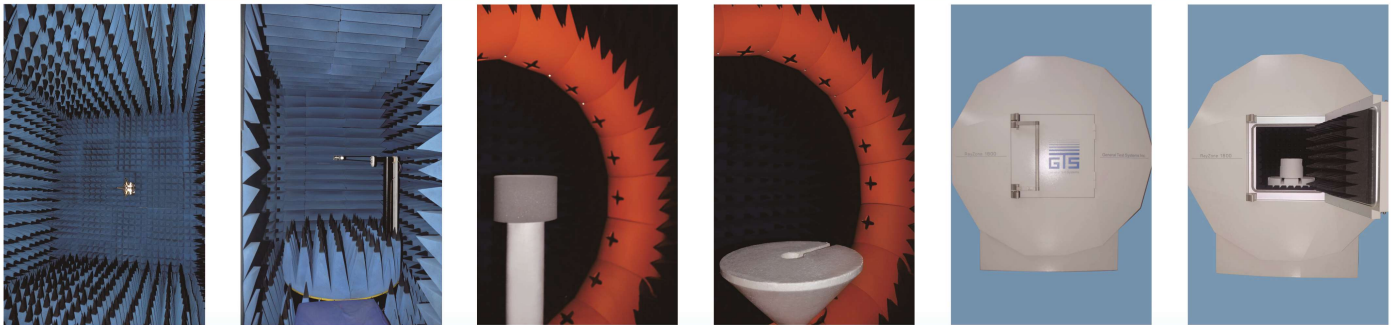


二：暗室有源测试数据

II: 3D Active test report of antenna

Free/自由空间	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	3.5	-88.3
	CH 39	3.8	-88.6
	CH 78	3.1	-88.0

Headform/人头耳	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	-2.7	-82.3
	CH 39	-2.1	-82.5
	CH 78	-2.9	-82.0

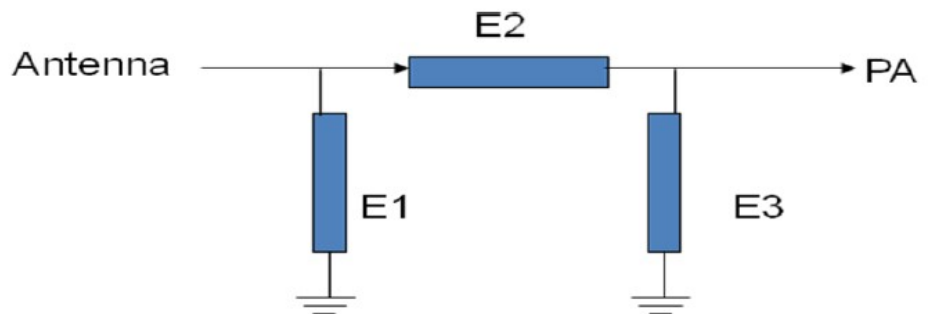


OTA Standard Chamber

三：匹配电路

III: Matching circuit

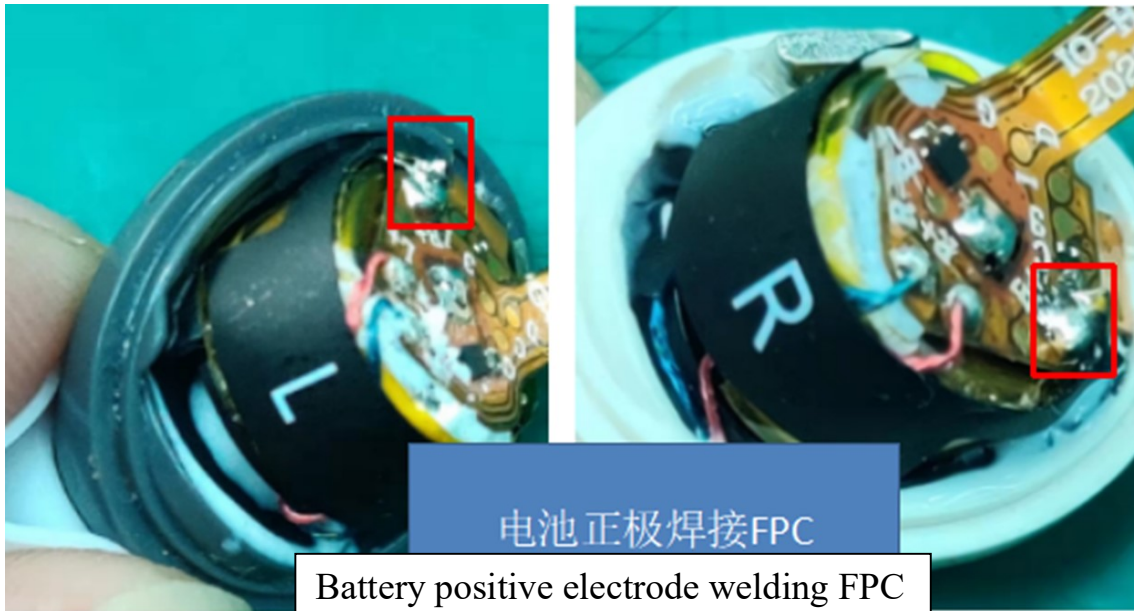
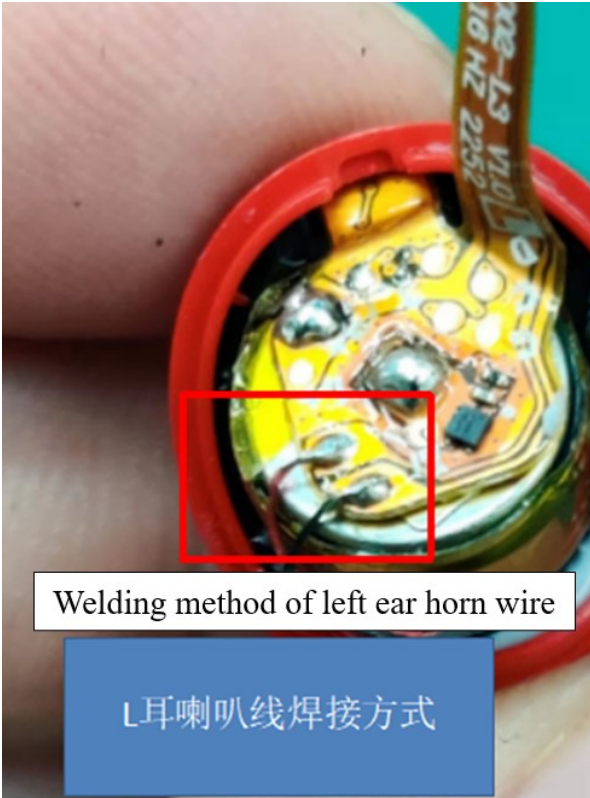
Element	Value
E1	1.0pF
E2	0 Ω
E3	0.8pf





四：环境处理

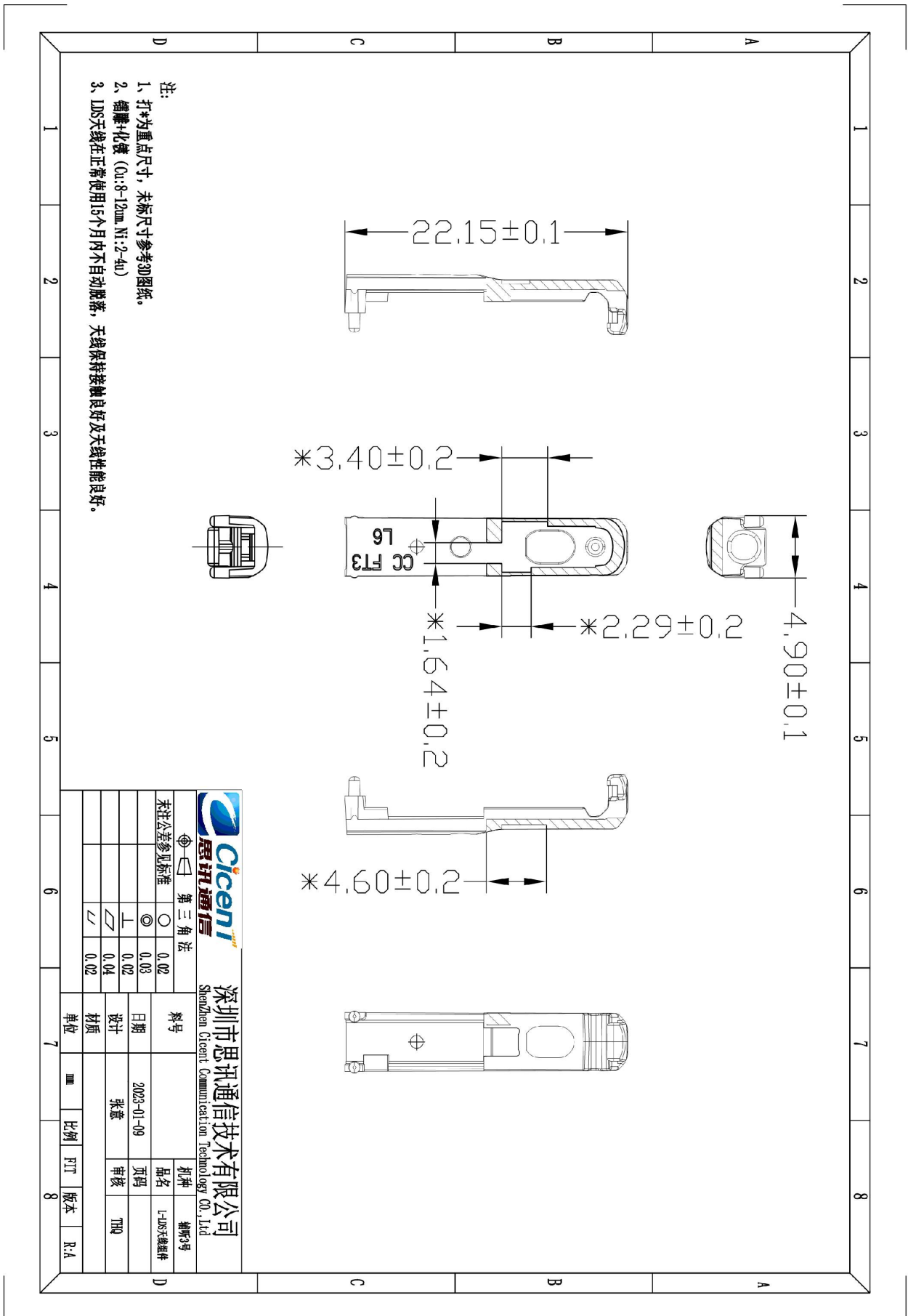
IV: Environmental treatment

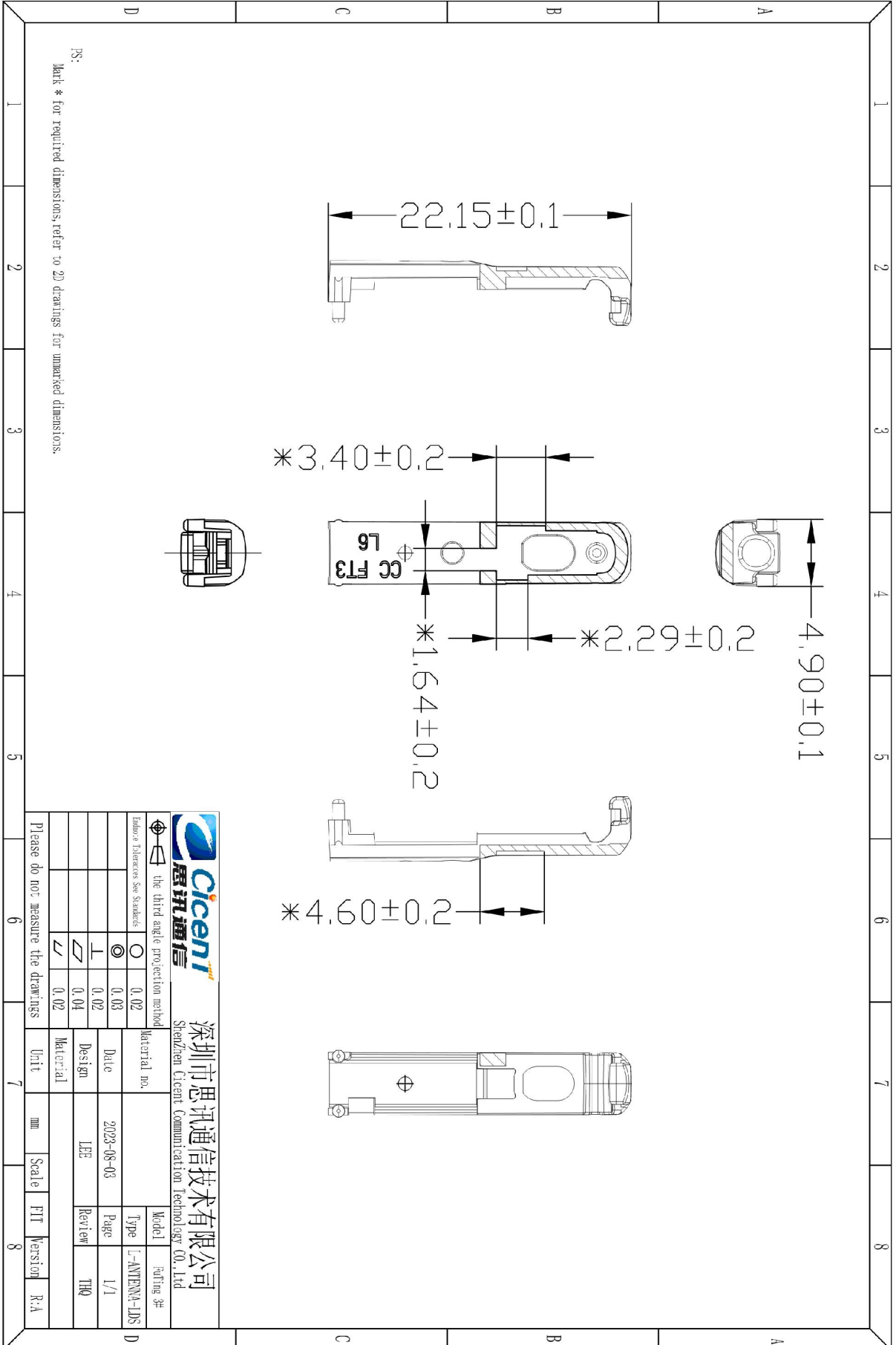




五：结构图档

V: Structure file





注: Mark * for required dimensions, refer to 2D drawings for unmarked dimensions.