

Shenzhen yGalax Technologies Limited

sample approval

Customer name: Shenzhen Cenppo Technology Co.,Ltd.

ITEM name: Speakerphone

Customer model: L08

Customer Material code: YX-huiyibao-BT-V1.0

VISON/COLOR: V1.0 PIFA BLACK

SIGN DATE: 2023.09.06

目 录

- 1、 封面face
- 2、 目录catalogue
- 3、 ICD 图 (WiFi天线ante)
- 4、 天线性能及注意事项Antenna performance and
- 5、 全尺寸测量报告Full scale measurement report
- 6、 QC工程图QC engineering drawing
- 7、 检验规范inspection specification
- 8、 rohs资料 Rohs data
- 9、 盐雾测试Salt spray test
- 10、 高低温测试High and low temperature test
- 11、 包装packing

REVISION HISTORY

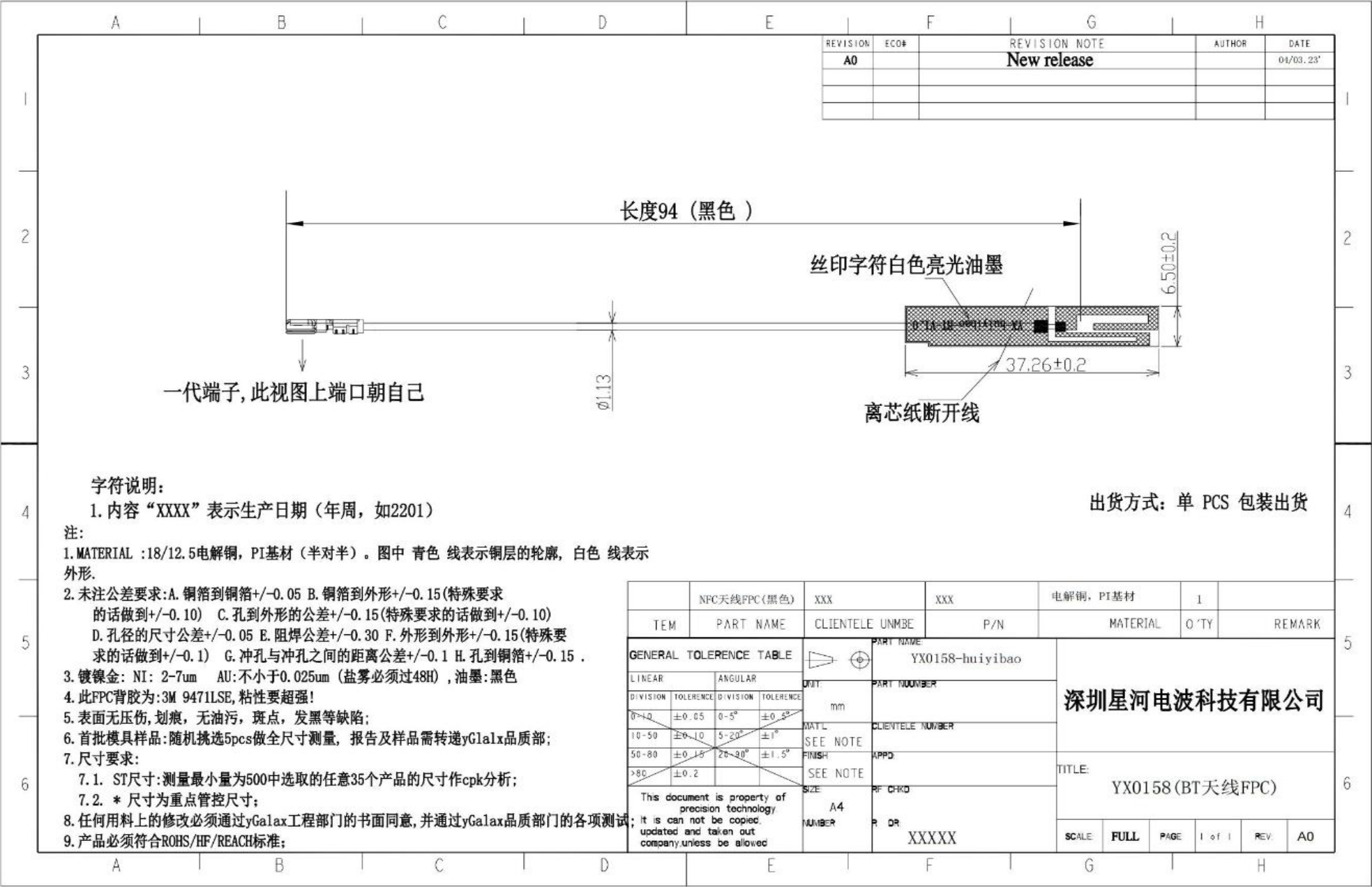
修订履历表

NO.	Date	Version		Update		Cnmment		Written	
编号	日期	版本		变更内容		变更原因		担当	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									

制表：姚泽辉

审核：吴朝坤

3. ICD图纸



天线性能参数及注意事项

ANTE.Perform & attention

Band imformation: 2.4G BT

Bluetooth antenna passive parameters



Frequency	Efficiency	Efficiency	Gain/ dBi
2400	-6.49	22.44	-0.49
2410	-6.25	23.71	-0.53
2420	-6.19	24.04	-0.98
2430	-6.25	23.71	-1.21
2440	-6.2	23.99	-1.64
2450	-5.88	25.82	-1.45
2460	-6.08	24.66	-2.24
2470	-6.24	23.77	-1.92
2480	-6.03	24.95	-1.9
2490	-5.95	25.41	-2.03
2500	-6.15	24.27	-1.84

mark: no modification!

AIT ATTENTION



全尺寸测量报告

Full scale measurement report

	CUST. NAME	Shenzhen Cenppo Technology		MATERIAL CODE				SPEC		FPC			material	electrolytic copper
	SUPPLY	yGALAX		MEASURE TOOL		Quadratic element measure		Unit of measure		mm			date	2023/9/6
NO.	尺寸 (DIMENSION)	上限 (1s)	+ TOL.	- TOL.	下限 (1s)	test 1	test 2	test 3	test 4	test 5	test 6	test 7	UPPER≦100%	LOWER≦100%
1	41.00	41.10	0.10	0.10	40.90	41.00	41.00	41.10	41.00	40.95	41.00	41.00	100%	50%
2	8.75	8.85	0.10	0.10	8.65	8.75	8.70	8.70	8.75	8.75	8.75	8.75	0%	50%
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

		深圳星河电波科技有限公司			QC工程图 QC engineering drawing		文件编号 file no#		YX--QPA-QA004		制定日期 made date		2022/1/10			
		Shenzhen yGalax Technologies Limited					文件版本 vision		A/01		页 码 page		第1页，共1页			
工艺流程 process design			管制重点 control emphasis			管理责任	检验方式 inspection		检验方法test method			矫正措施corrective measure				
序号	主流程	工程名称	管制项目	管制标准	责任人	正常 取样数	负责人	检验方法	检验工具	记录种类	处理方案processing scheme					
		开始														
1		收料	数量/品名/规格	《工程BOM》 《物料接收作业指导书》	资材员						《电子帐》	与供应商联系并开出《退货单》 Contact with supplier and issue Return order				
2		来料 检验	规格/型号/包装	《工程BOM》 《抽样检验计划表》 《IQC来料检验指导书》	IQC	MA=0.25 MI=0.65	IQC	1. 目视 2. 机测 3. 抽样	二次 元 游标 卡尺	《IQC进料检验记录表》	检验OK加盖PASS章，检验NG贴不合格品标签同时 开出《8D Report 问题解决报告》，知会供应商 退货并改善。The inspection OK is stamped with PASS seal, the inspection NG is affixed with nonconforming product label, and the 8D Report Problem Solving Report is issued at the same time, and the supplier is informed to return the product					
4		发料	数量/品名/规格	《生产指令》 《物料接收作业指导书》	资材员						《物料领发登记表》					
22		包装	包材/数量/标示	《成品包装作业指导书》	包装员											
21		出货 检验	产品外观 不良记录 尺寸测试 不良标示 良品包装 环保要求	《工程BOM》 《抽样检验计划表》 《OQC最终检验作业指导书》	OQC	MA=0.25 MI=0.65	OQC	1. 目视 2. 机测 3. 抽样	二次 元 游标 卡尺	《OQC成品检验记录表》	若每日的检验中同一机型同一重缺失出现次数大 于等于3次，由OQC开出《8D Report 问题解决报 告》给到生产经理要求分析改善。 If there are more than or equal to 3 times of the same type of heavy missing in daily inspection, OQC will issue 8D Report Problem Solving Report to the production manager for analysis and improvement.					
25		出货	品名规格 数量 送货单	《成品出货作业指导书》	资材员						《电子帐》					
	结束															
符号	修订日期	修定内容				修订人	承认人	拟制			审核			核准		
①								日期			日期			日期		
②											日期			日期		
③											日期			日期		

Shenzhen yGalax Technologies Limited		File NO#	
		MADE DATE	
	FPC PIFA ante inspection specification	PAGE	
		VISION	A0

1. purpose：Strict inspection, control the use of defective products, ensure product quality requirements.。
2. range of application: FPC Ante.
3. work content

	item	content	tool	inspection standard	defect describe	FAULT GRADE
pack age		INDENTIFI CATION	by sight	The outer package has clear label, indicating the product name, specification, quantity, date, etc.	The mark is not clear and cannot be read.	MIN
		MATERIAL	by sight	Uniform packaging, clean and tidy, no damage, no impact on handling, storage, no wrong loading, mixed loading, less loading.	Packaging is not uniform, dirty, wet, damage, affect handling, storage.	MIN
face		FACIAL	by sight	No breakage, copper exposure, cracking, color difference, glue benefit on FPC, no oxidation, brittle crack on golden finger.	FPC has damage, copper exposure, cracking, color difference, glue, gold finger oxidation, brittle crack.	MAJ
stru ctur e		size	Vernie r	Circuit board size (length, width and height) is the same as	The dimensions are different from the pattern.	MAJ
		material proof	sample	Same as the sample.	The material is different from the template	MAJ
func tion		electropl ating	model	Gold finger gilded bright, 100% coverage.	Plating is not bright, plating coverage is low.	MAJ
		FIT	Frame	Attach the FPC to the housing, and the preset paste position is consistent, no more or less.	Attach the FPC to the housing, and the preset position of the paste is not consistent, there is more or less.	MAJ

MADE BY:	Audit:	Approver:

RoHS Restricted Substance Composition sheet

Product information provided												
customer name		物料名称/型号		Project name		manufacturer				green mark		
Shenzhen Cenppo Technology Co.,Ltd.		YX-huiyibao-BT-V1.0		SPEAKERPHONE		Shenzhen yGalax Technologies Limited				/		
Product composition information												
item	part name	part NO#	VOLUME UP	Third party test report		Limit substance content PPM						remark
				DATE	number	铅 (Pb)	镉 (Cd)	汞 (Hg)	六价铬 (Cr ⁶⁺)	多溴联苯	多溴二苯醚 (PBDE)	
1	3M 背胶	/	honjingxinban	2021/1/13	SHAEC2100467601	○	○	○	○	○	○	
2	COPPER CLAD LAMINATE	/	caigelundi	2021/3/3	SHAEC2103249001	○	○	○	○	○	○	
3	ink	/	kaiyao	2021/8/17	ERT2102095	○	○	○	○	○	○	
4	electroplating	/	jiahongtai	2021-5-13	A2210168276101001E	○	○	○	○	○	○	

Note: 1、请以○、×表示六项限用物质含量合规与否；合规者以○表示；不合规以×表示。
2、PPM限量值：镉<100PPM；铅/汞/六价铬/PBB/PBDE<1000PPM。
3、其中针对包装材料中铅、六价铬、汞和镉的总量不超过100ppm。
4、此表请供应商完整填写后盖章；此处供应商指直接交易方。（提供盖章的纸件或扫描PDF文件）

填写人：张海峰

填写人公司/部门：品质部

Salt spray test report

date: 20220525

product name	Speakerphone	customer name	Shenzhen Cenppo Technology Co.,Ltd.
supplier	Shenzhen yGalax Technologies Limited	National test standard	GB/T 2423.2-2008
Sample situation	QTY: 5PCS		
	MATERIAL: One - sided half - half colloidal electrolytic copper		plating thickness : ≥3U"
TEST DATE	FROM 20220525 9:00 TO 20220527 9: 00 TOTAL 48 H		
TEST TYPE:	☒ NSS	☐ ASS	☐ CASS
test condition	saline solution: 5%		PH:7.0
	the temperature inside the box: 35°C		relative humidity: 85%
	Spray way: ☒ 连续 continue ☐ 间歇gap		compressed air pressure: 1kg/cm²
	Salt spray sedimentation rate: 1-2ml/80cm2/h		Fog fluid collection:
	test cycle: A loop		Spray time: 48 h
test result	Appearance after test: The appearance is intact without significant change.		
	Coating: no peeling, no corrosion		
	Surface spraying, screen printing: no shedding, no bubbles		

NOTE:

1、盐雾试验作业标准依照中华人民共和国国家标准GB/T2423.17-2008执行

1, salt spray test operating standards in accordance with the People's Republic of China national standard GB/T2423.17-2008

2、试件结果判定标准依照中华人民共和国国家标准GB/T6461-02执行

2. The test results shall be determined according to the national standard GB/T6461-02 of the People's Republic of China

试验员/日期: 姚泽辉

审核/日期: 张海峰 2022.05.25

High and low temperature test records

product name	Speakerphone		stomer na	Shenzhen Cenppo Technology Co.,Ltd.	
test QTY	6 pcs		TEST DATE	2022年8月6日	
cycle-index	1		test time	48H	
test condition high temperature: + <u>65</u> ℃ humidity: <u>90</u> % RH low temprature: - <u>/</u> °C test: high-temp: <u>48</u> H low-temp: <u>/</u> H					
test project	未循环测试 Uncycled test		循环测试 cycled test		
item	高温后 After the high temperature	低温后 After low temperature	高温后 After the high temperature	低温后 After low temperature	
1	OK	/			
2	OK	/			
3	OK	/			
4	OK	/			
5	OK	/			
6	OK	/			
Post test defect:					
reason analysis:					
improvement measure:					
test result: ☒ 合格 pass ☐ 不合格 fail					

AUDIT: 段小琴

record: 姚泽辉