

杭州思立普科技有限公司

Hangzhou SLEEPON Technology Co., Ltd

天线测试报告

Antenna Test Report

供 应 商
Supplier

浙江海通通讯电子股份有限公司
Zhejiang Haitong
communications electronic
Limited by Share Ltd.

项目名称
Project Name

HT1831-
nfc_poller_ant-成品

产品名称
Part Name

136-TX天线, HT1831-NFC

海通料号
Mold code

B.1.09.L.0018

客户料号
Part Number

S-M04-0030

规 格
Specification

136-TX天线, HT1831-
NFC

样品类型
Sample type

临时样

送样日期
Issue Date

2024.05.21

制作: 赵树福

审核: 杨章茂

批准: 王健

结论conclusion:



认可, 样品有效期: _____至_____。

Approval, sample validity period: ____until.____

notes:

项目工程师 (Project
Engineer): _____

品质工程师 (Quality
Engineer:) _____

项目经理 (project
manager:) _____

MD 工程师 MD Engineer: _____

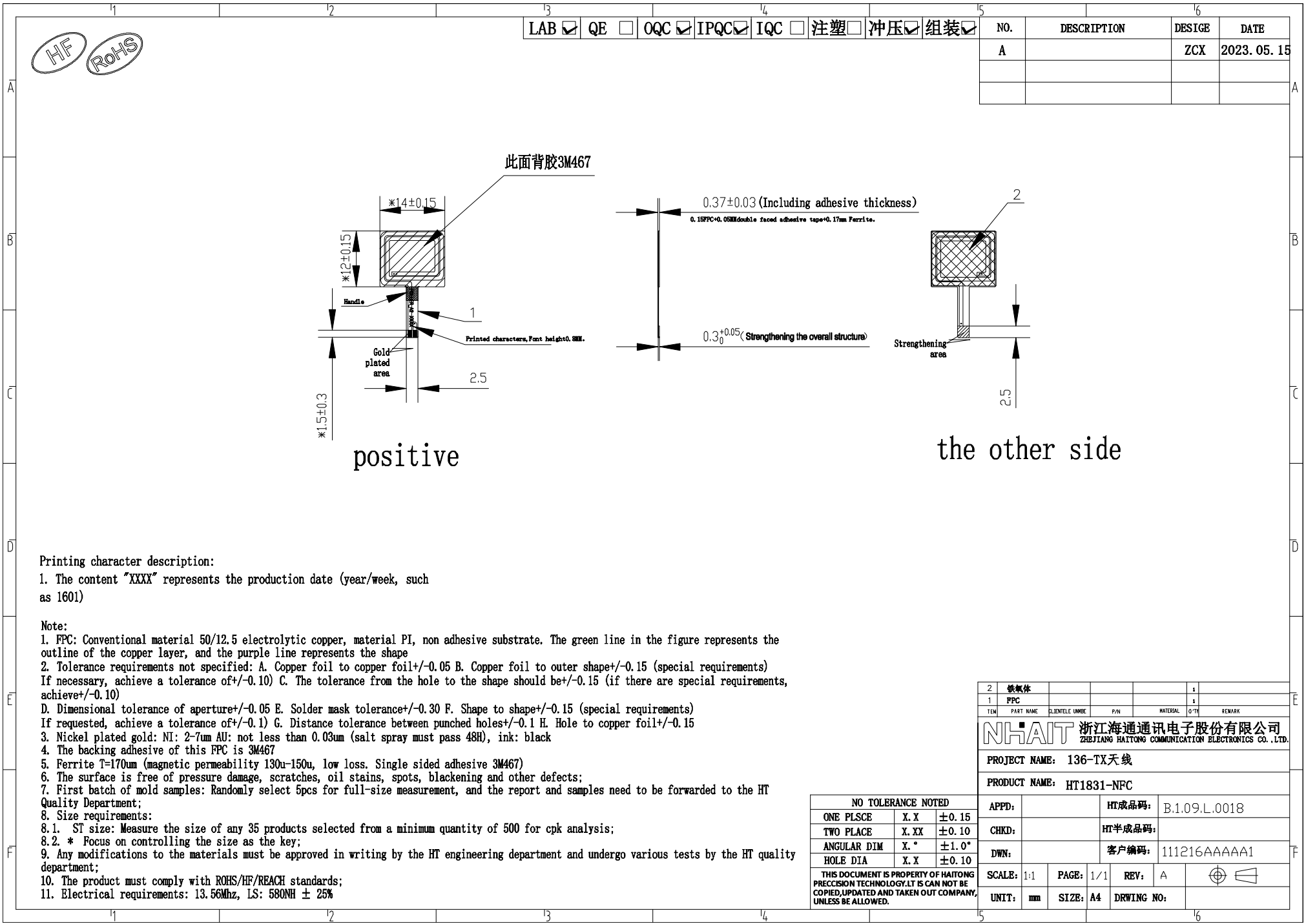
SQE工程师 SQE Engineer: _____

分发单位
(Distribut
ion



IQC





Printing character description:

1. The content "XXXX" represents the production date (year/week, such as 1601)

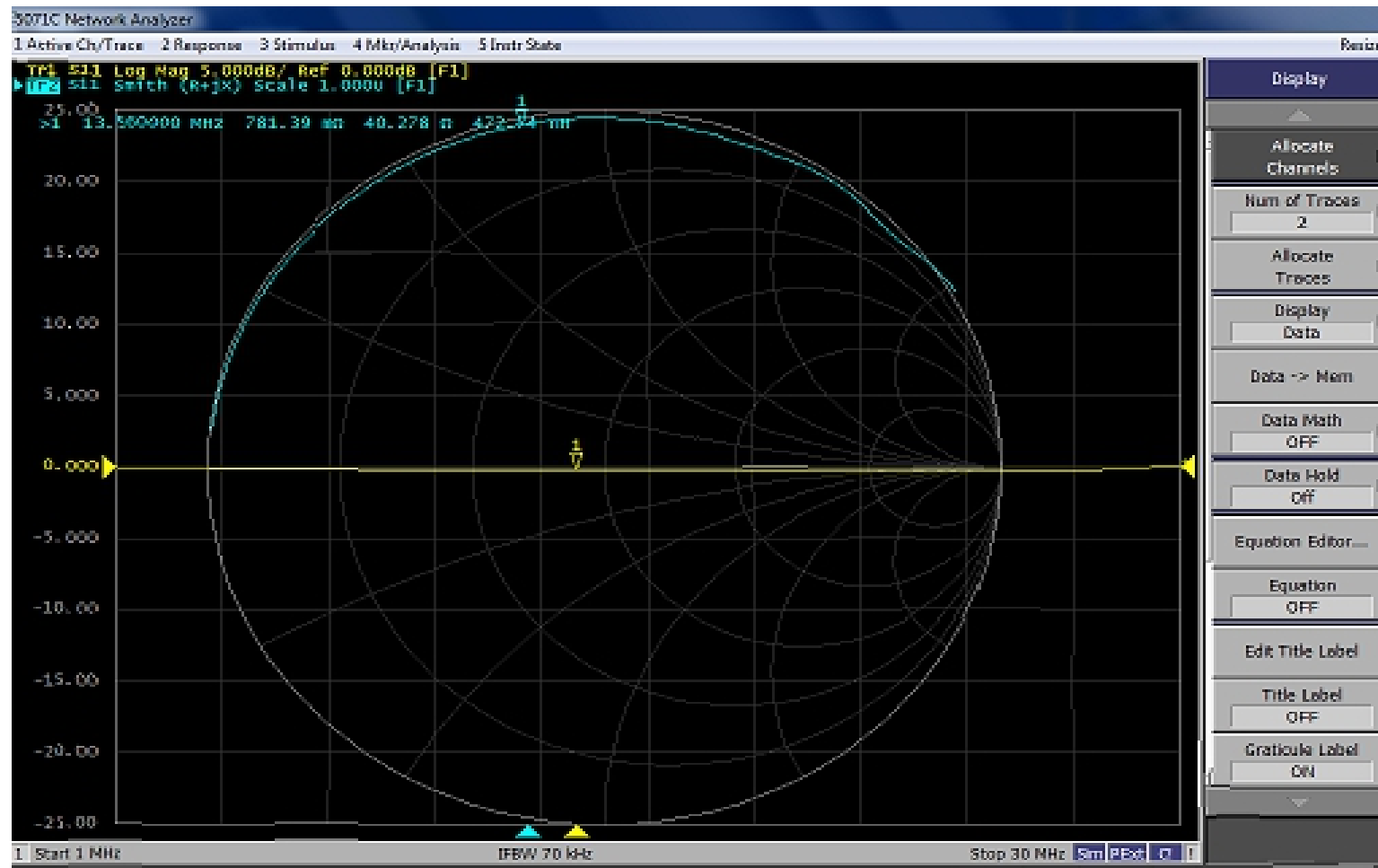
Note:

1. FPC: Conventional material 50/12.5 electrolytic copper, material PI, non adhesive substrate. The green line in the figure represents the outline of the copper layer, and the purple line represents the shape
2. Tolerance requirements not specified: A. Copper foil to copper foil+/-0.05 B. Copper foil to outer shape+/-0.15 (special requirements) If necessary, achieve a tolerance of+/-0.10 C. The tolerance from the hole to the shape should be+/-0.15 (if there are special requirements, achieve+/-0.10)
- D. Dimensional tolerance of aperture+/-0.05 E. Solder mask tolerance+/-0.30 F. Shape to shape+/-0.15 (special requirements)
- If requested, achieve a tolerance of+/-0.1 G. Distance tolerance between punched holes+/-0.1 H. Hole to copper foil+/-0.15
3. Nickel plated gold: NI: 2-7um AU: not less than 0.03um (salt spray must pass 48H), ink: black
4. The backing adhesive of this FPC is 3M467
5. Ferrite T=170um (magnetic permeability 130u-150u, low loss. Single sided adhesive 3M467)
6. The surface is free of pressure damage, scratches, oil stains, spots, blackening and other defects;
7. First batch of mold samples: Randomly select 5pcs for full-size measurement, and the report and samples need to be forwarded to the HT Quality Department;
8. Size requirements:
 - 8.1. ST size: Measure the size of any 35 products selected from a minimum quantity of 500 for cpk analysis;
 - 8.2. * Focus on controlling the size as the key;
9. Any modifications to the materials must be approved in writing by the HT engineering department and undergo various tests by the HT quality department;
10. The product must comply with ROHS/HF/REACH standards;
11. Electrical requirements: 13.56Mhz, LS: 580NH ± 25%

2	铁氧体				1	
1	FPC				1	
ITEM	PART NAME	CLIENTE NUMBER	P/N	MATERIAL	QTY	REMARK
NHAIT 浙江海通通讯电子股份有限公司 ZHEJIANG HAITONG COMMUNICATION ELECTRONICS CO.,LTD.						
PROJECT NAME: 136-TX天线						
PRODUCT NAME: HT1831-NFC						
APPD:		HT成品码:	B.1.09.L.0018			
CHKD:		HT半成品码:				
DWN:		客户编码:	111216AAAAA1			
SCALE:	1:1	PAGE:	1/1	REV:	A	
UNIT:	mm	SIZE:	A4	DRWING NO:		

NO TOLERANCE NOTED		
ONE PLSCCE	X. X	±0.15
TWO PLACE	X. XX	±0.10
ANGULAR DIM	X. °	±1.0°
HOLE DIA	X. X	±0.10
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Electrical paramete



Tx coil/working frequency: 13.56MHz/1v LS:580nH±25%