



天线承认书

Parts Approval Sheet

customer	台德	project	A12
Band	NFC	color	BLACK
PN	X3498	version	V1
customer material number			

DATE: 2026/4/17

R&D			QC
Issued by	checked by	confirmed by	checked by
SHAO Yiyi	Wu Haiyan	Yu Qixue	Cui Zhi
customer confirm			

Environmental requirements: ☒ ROHS

☐ REACH

☐ 无



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1 .summary

This report summarizes the electrical results of the our antenna to support the project A12.
The test fixture is made for further testing, which is show below :

整机及天线分布图 Whole machine and antenna distribution diagram		
天线相关信息 Antenna information	天线种类及材质 Antenna Type and Material	FPC+Cable
	调试频段 debugging band	13.56MHz
	天线形式 antenna form	Coil

2 · General Description

2.1Antenna Components/Part revisions

The antenna part number is T: A

2.2Definitions

VSWR: Voltage Standing Wave Rate

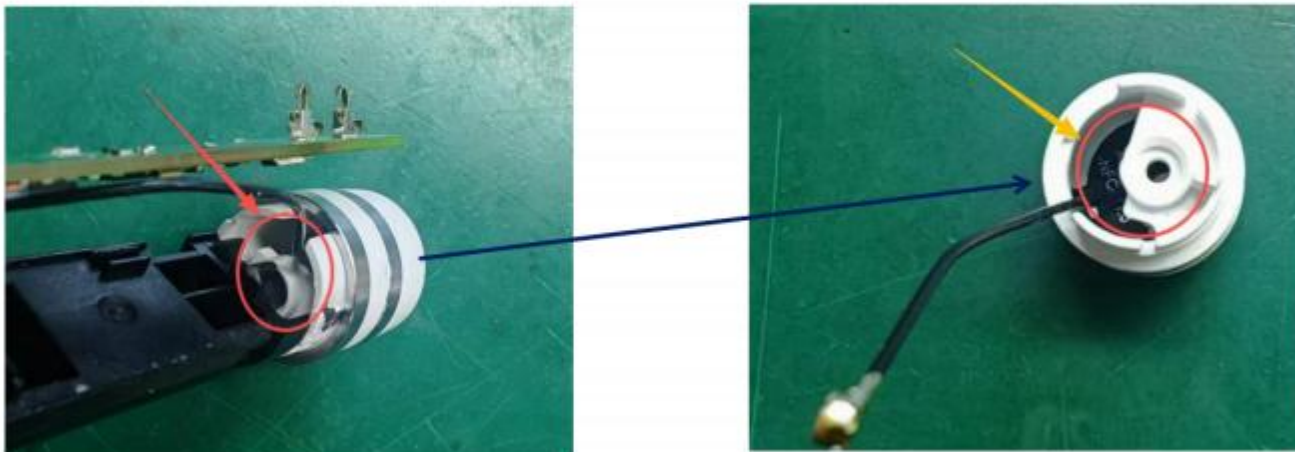
TRP: total radiated power

TIS: total isotropic sensitivity

3. Electrical performance

3.1 Antenna Position

NFC天线

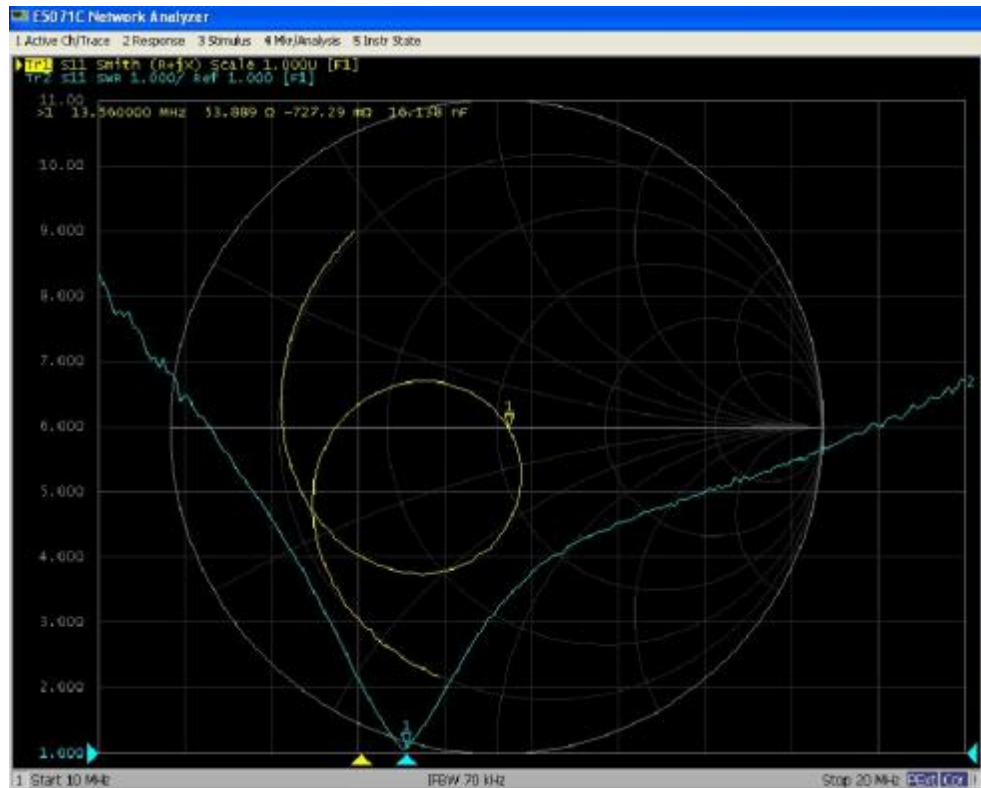


3.2 Antenna Matching

• 匹配值:

	匹配位号	原始值	修改值
EMC	L0603	560nH	未更改
	C31	150pF	未更改
	C34	NC	未更改
C1	C32	56pF	未更改
C2	C33	180pF	未更改
	C35	39pF	未更改

3.3 Impedance

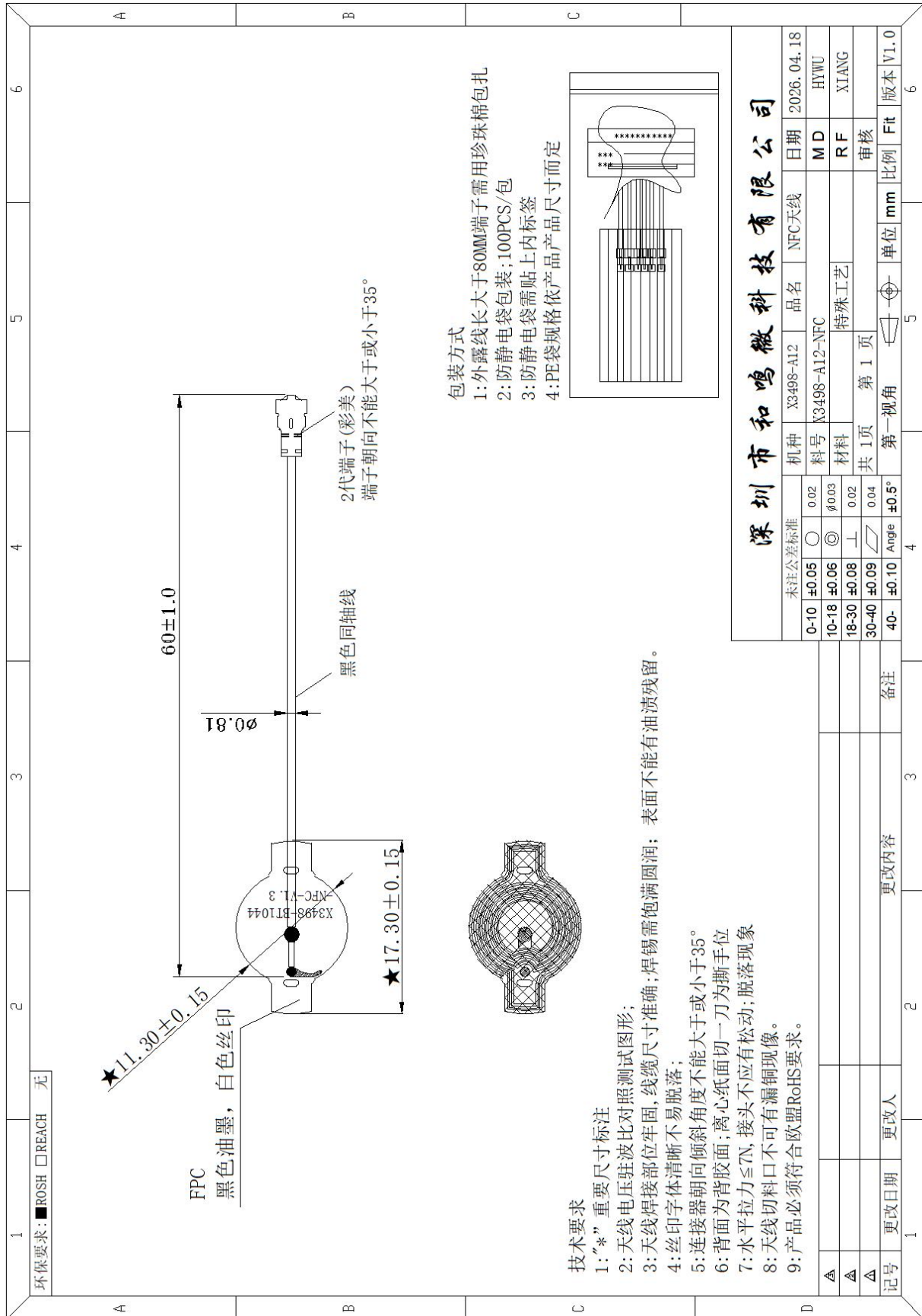


3.4 Antenna test results



卡类型	实测 距离 (mm)
Type1 Tag	5mm以上

4. Antenna Engineer drawing





Company Address

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