



Sample Specification

File No.: 202107160001

Customer: ZKTECO CO., LTD

Product Name: FI5000-ME-52*44(T351)

Supplier: GuangDong ZK Radio Electronic Tech Co., Ltd

P/N:

Product Model: 2-in-1 Antenna

Product Specification: 59.5mm*44mm*1.6mm (PCB) /52mm*44mm*2.5mm (ID

Coil)

Sample Date: 20210716

Quantity: 4PCS

Supplier confirmation	Compilation	Review	Approval
Customer confirmation	Inspection	Review	Approval

ADD:	Room 1601, Building 6, Cloud Park, Bantian, Longgang District, Shenzhen		
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Email:	xiangmuguanli3@zkrfid.com		
Contact:	Yu Gen		



FI5000-ME-52*44(T351) 2-in-1 Antenna

1. Basic features and application fields

1) Basic features:

RF antenna has two roles: 1. provide RF field to activate the card; 2. receive the data returned by the card; RF antenna practical application process according to the antenna structure size and the need for the sense value to determine the parameters of the antenna; specific according to the actual environment to make adjustments;

2) Application fields :

Can be widely used in all hosts of RF cards reading

2. Technical parameters

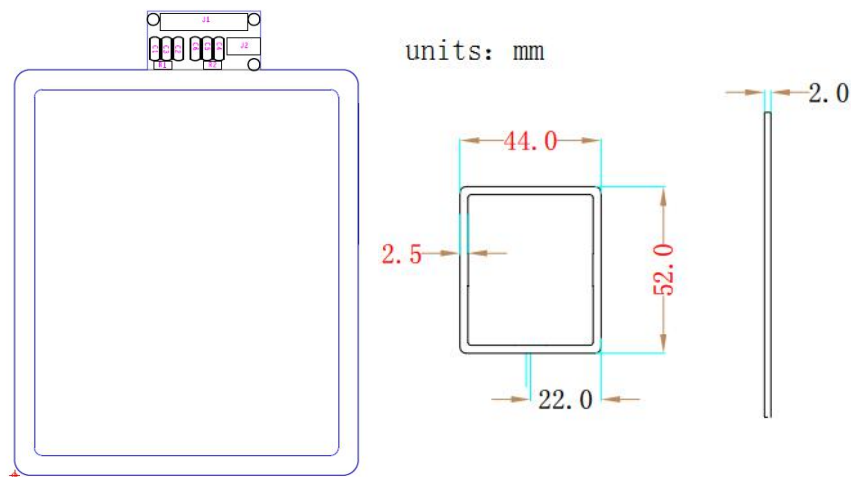
1) Basic technical parameters:

Model	FI5000-ME-52*44(T351) 2-in-1 Antenna		
PCB Spec.	59.5mm*44mm*1.6mm	ID coil Spec.	52mm*44mm*2.5mm
PCB Thickness	1.6±0.2mm	Wire diameter	0.15mm
PCB MATERIAL	FR-4	Inductance value	480uH
R/W Module	M341L-5T(IC07)		
Testing Environment	Installed test, room temperature 25℃-30℃, humidity: 85%RH		
Length Of Line	60MM		
Cards Support	Can read ID thin card, ID thick card, CPU, S50, S70, NFC, Desfire, Identify card at the same time		
Voltage	5V		
Structure	The front shell is plastic, the rear shell is metal, and the antenna is attached to the back of the touch screen and surrounds the fingerprint head. Refer to the picture for the specific structure.		

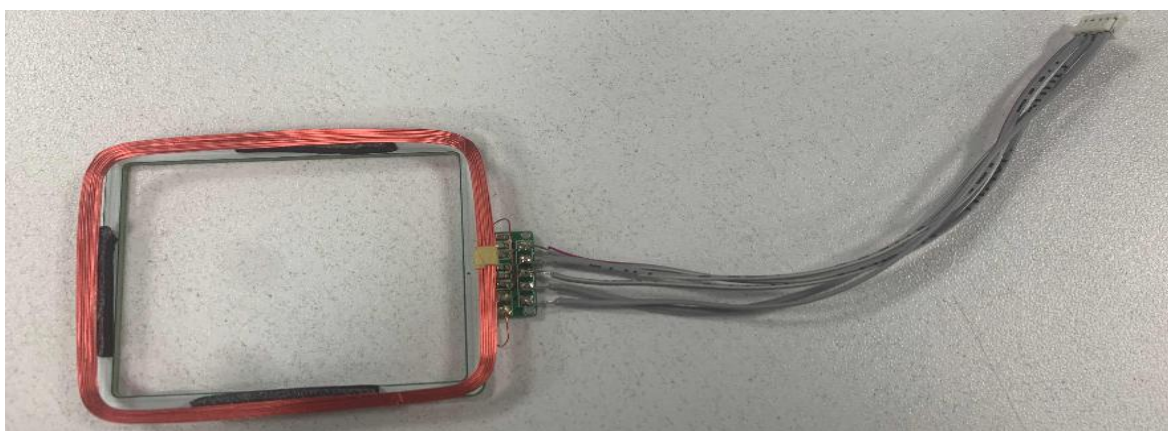
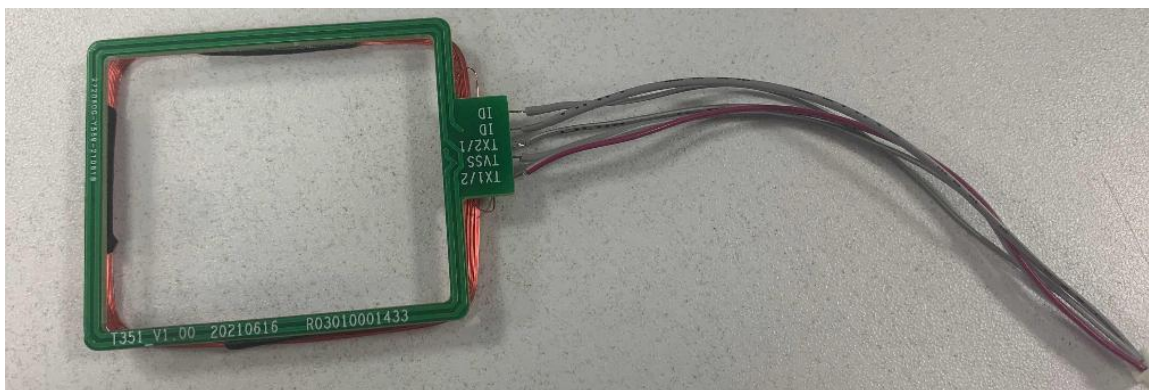
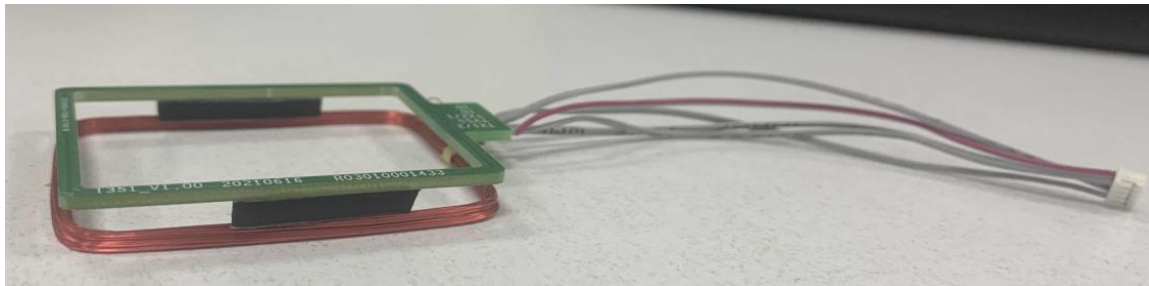
2) Test Parameter

Item	Card Type	Testing distance L	Remark
1	ID Thin Card	0-2CM	备注: 0~L(L≥Lcm) (The actual distance is related to the card used and the application environment)
2	ID Thickness Card	0-4CM	
3	IC Keyfob	0-2CM	
4	MF Card	0-4CM	
5	CPU Card	0-4CM	
6	NFC Card	0-4CM	
7	Identity Cars	0-2CM	

3.Bit number and profile diagram



4. Phone Of Antenna



5. Technician Contact

Name: Jianbao CAO

Mobile:18681498379

QQ:2853815392

Name: Yukai Huang

Mobile:13066865845

QQ:3005371972

6. Test Report

The test report is attached



Declaration of Environmental compliance

The company makes the following solemn declaration on the products provided:

1. This product complies with GB/T 26572-2011 《Limit Requirements for Restricted Substances in Electrical and Electronic Products》 and the exceptions for restricted substances stipulated by the state.
2. This product complies with GB/T 26125-2011 《Testing Methods for Six Restricted Substances in Electrical and Electronic Products》.
3. This product complies with SJ/T 11364-2014 《Marking Requirements for Restricted Use of Hazardous Substances in Electrical and Electronic Products》.
4. Product description:

Item	P/N	Model No.	Remark
1		<u>FI5000-ME-52*44(T351)</u>	

Guangdong ZK Radio Electronic Tech Co.,Ltd

2021/ 7 / 16