

Antenna Specification

Manufacture: Laicard

Product Name: M23 Antenna

Antenna Type: PCB

Test Date: 2026.09.01

Tested by: Hugo

Approved by: Li sheng

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1.General Description

Manufacturer	Shenzhen Laicard Technology Co. , Ltd.
Address	No. 1A, 5th Floor, Jinwen Xingwei Industrial Park, 21st Avenue, Xinghua Road, Bao'an District, Shenzhen City, Guangdong Province, China
Test Location	No. 1A, 5th Floor, Jinwen Xingwei Industrial Park, 21st Avenue, Xinghua Road, Bao'an District, Shenzhen City, Guangdong Province
Product Name	M23 Antenna
Product model	M23
Antenna Type	PCB Antenna
Test Items	Measure the parameters of the empty PCB coil、Calculate the Q value、Resonance frequency、Impedance
Test Frequency	13.56MHz
Test Standard	ISO 15693、ISO 14443
Antenna Gain	0dBi

2.Test Configurations

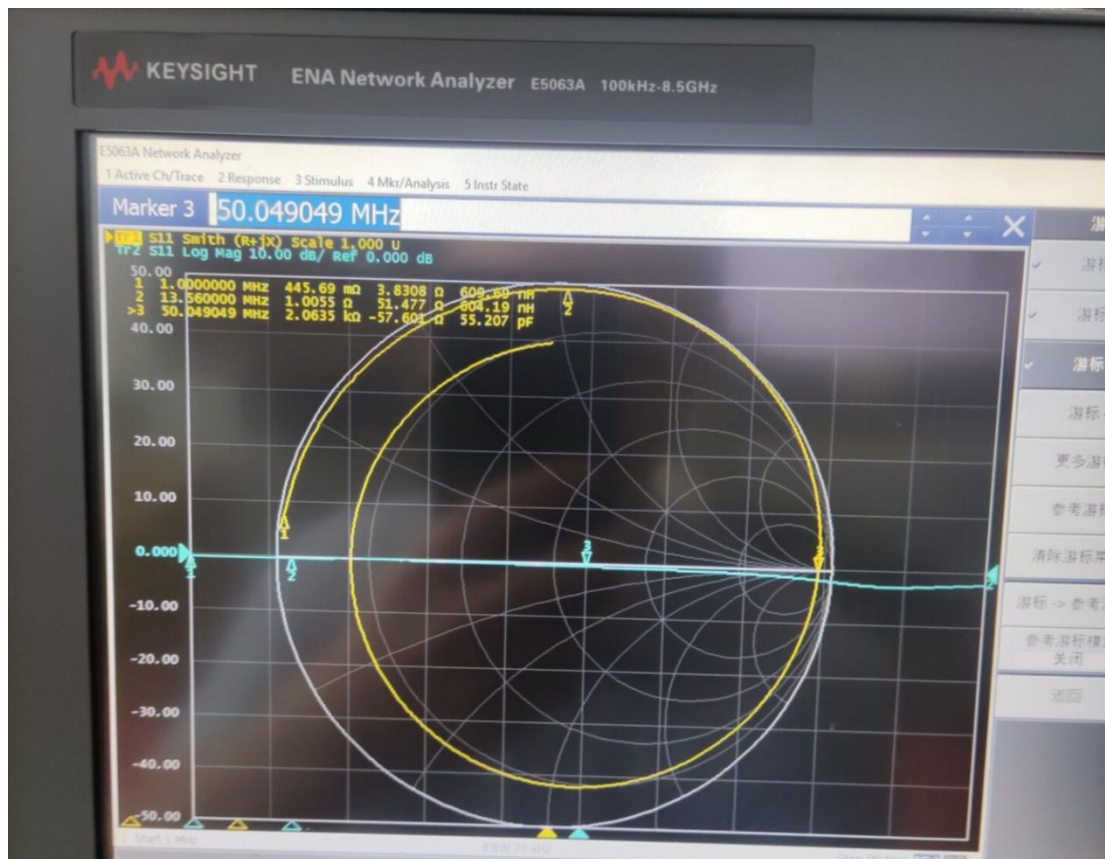
2.1 Test Environment

Temperature (°C)	25
Humidity (%RH)	60
Atmospheric Pressure (kPa)	100.5

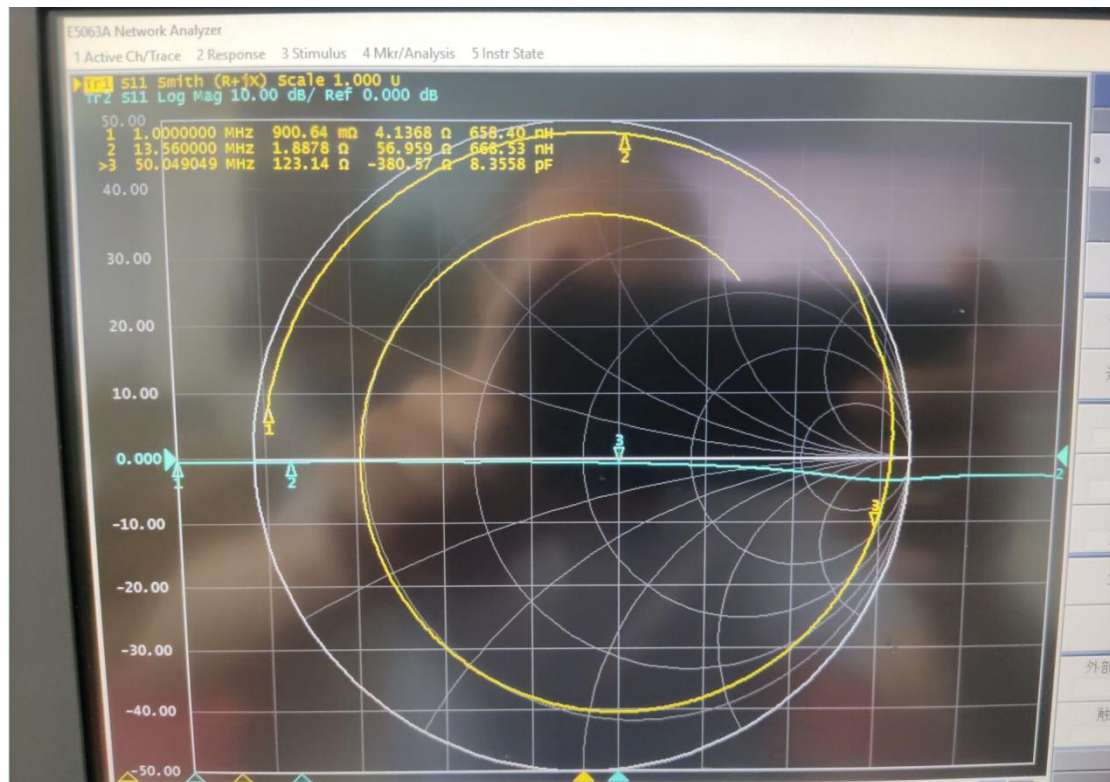
2.2 Test Equipment

Test Instrument	ENA Network Analyzer E5063A
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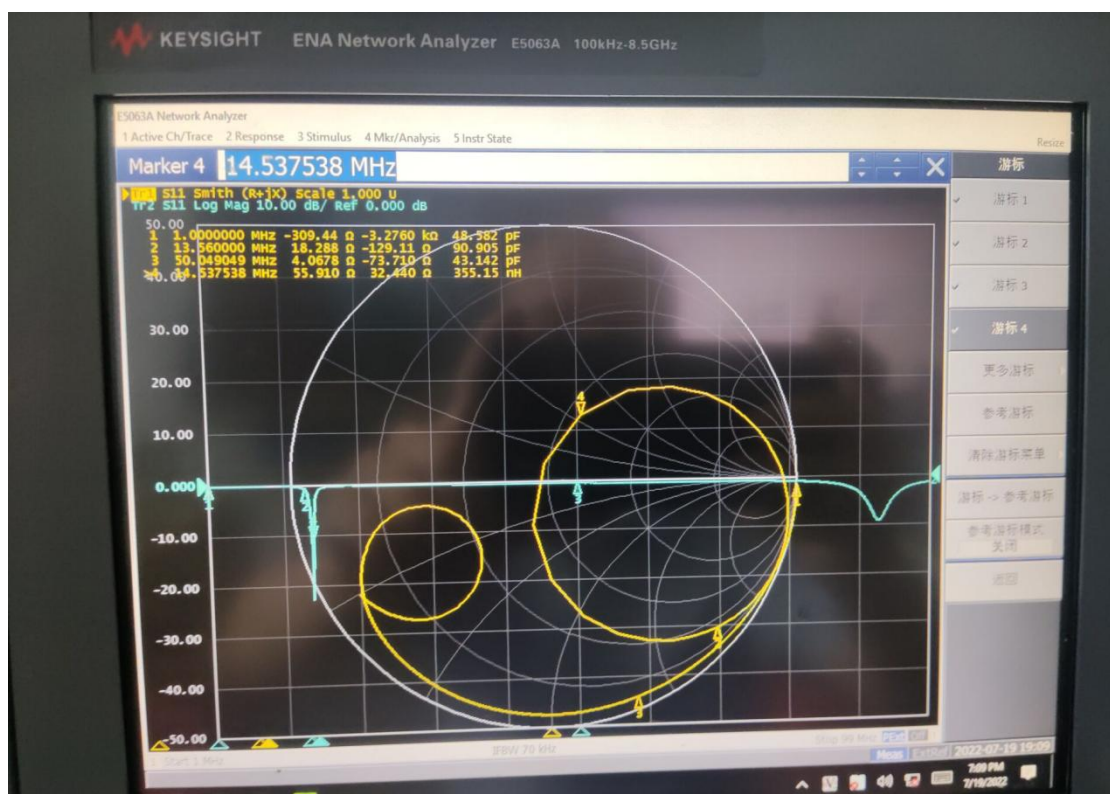
3.Test Results



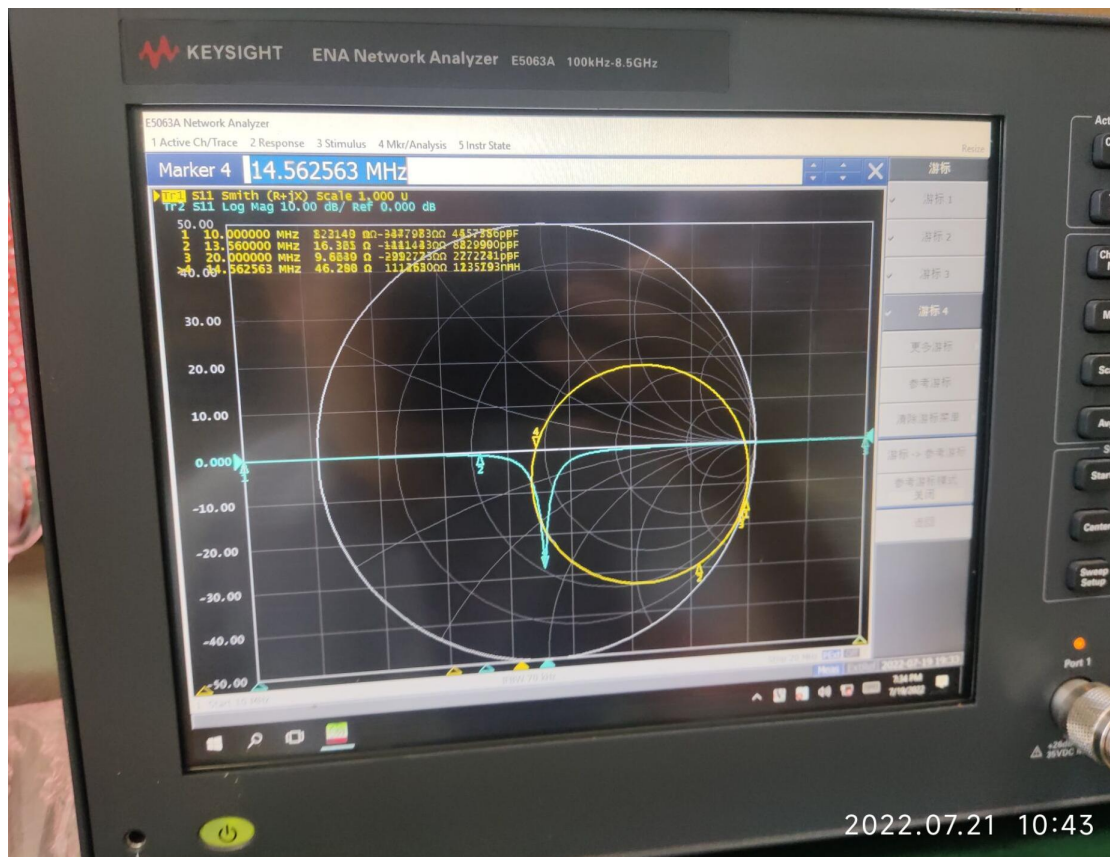
Measure the parameters of the empty PCB coil



Calculate the Q value

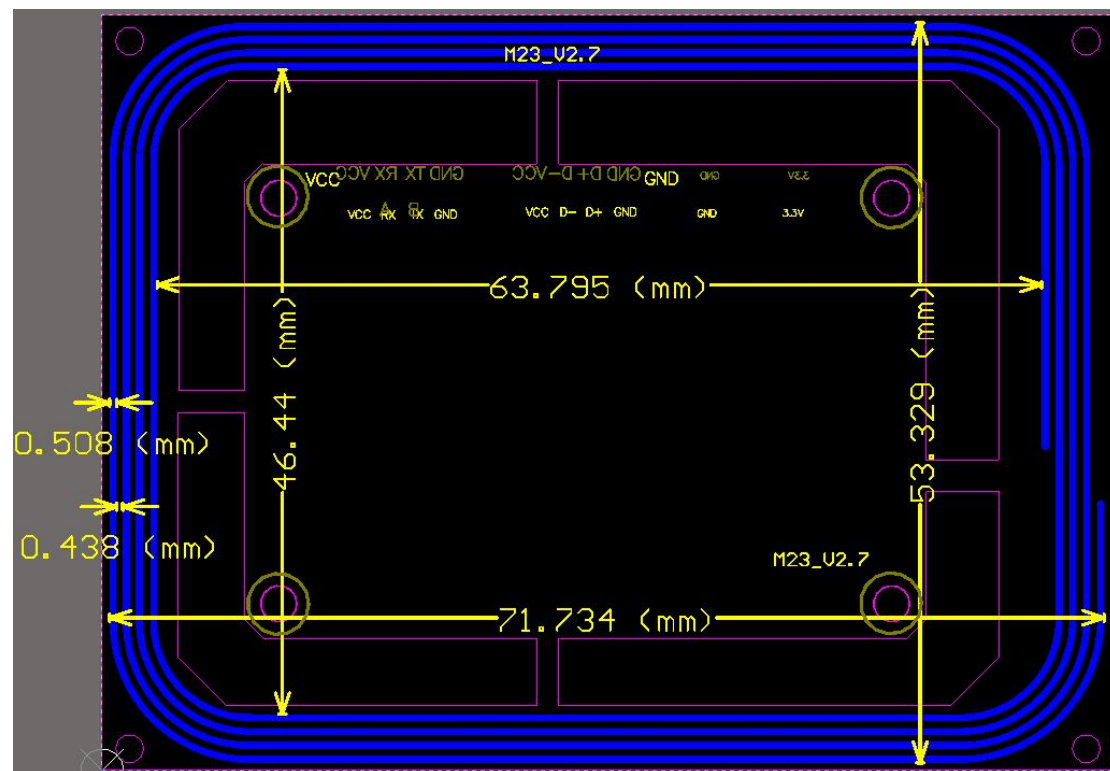


Resonance frequency

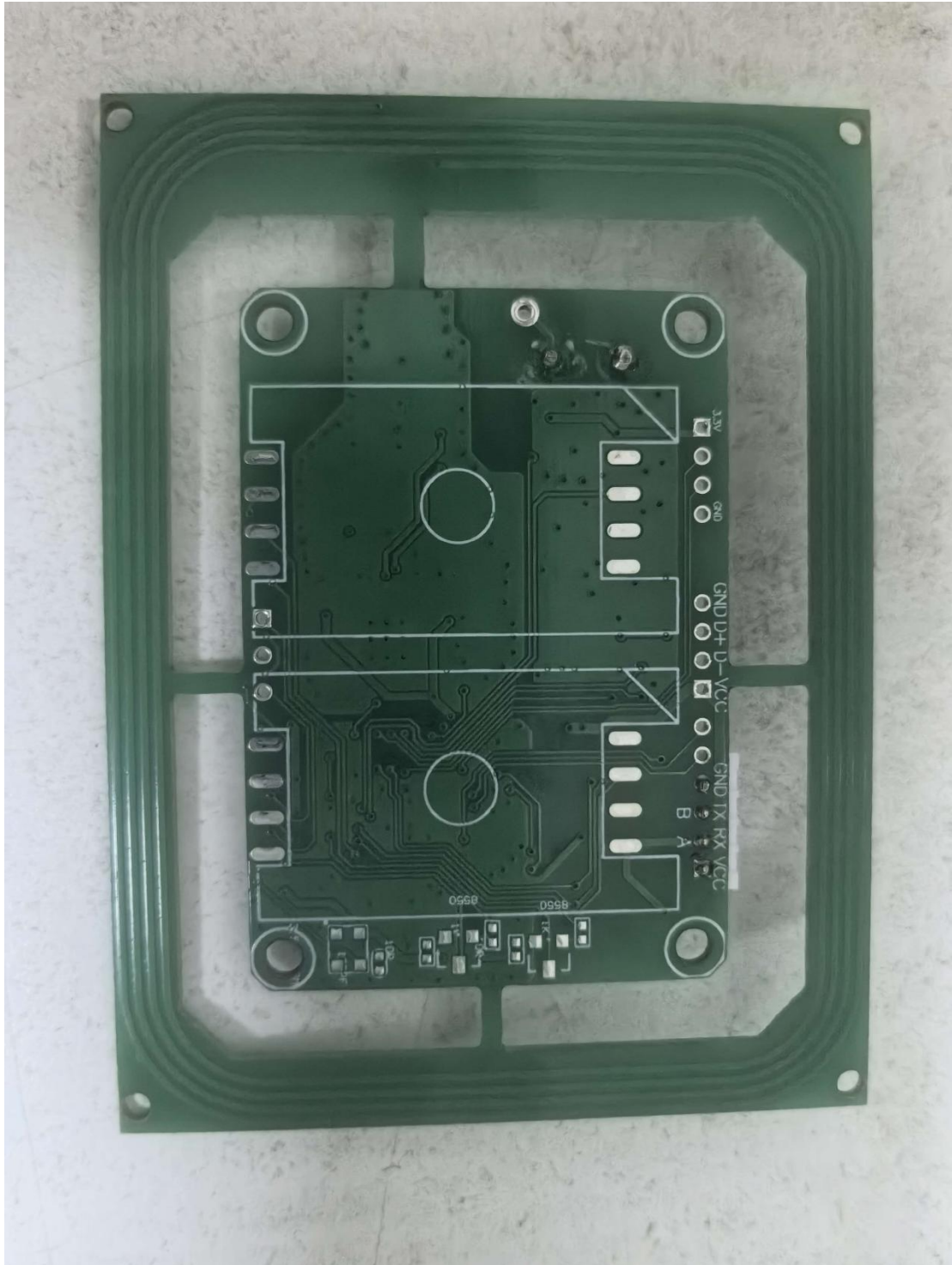


Impedance

4. Antenna Dimensions



5. Physical Photo



6.Test Setup Photo



We, WATSON FURNITURE GROUP, states that All measurements were performed radiated and therefore additional antenna gain documentation is not required.