



规格承认书

Approval Sheet

客户名称 MEFERI

(Customer Name)

产品名称 MC45-NFC Antenna

(Specification)

客户料号

(product model)

产品型号 Antenna ferrite two in one

(O/I)

送样日期 2025-02-25

(Date)

Frequency band	NFC (13.56MHz)		
Version	A		
RF	Peng Wei	Confirm	
Structural Engineer	Yang Xuezhong		
Customer confirmation			
Date			

Catalogue

1. Marking

2. Electrical performance

2.1 Antenna Test

2.2 Antenna performance

3. Figure

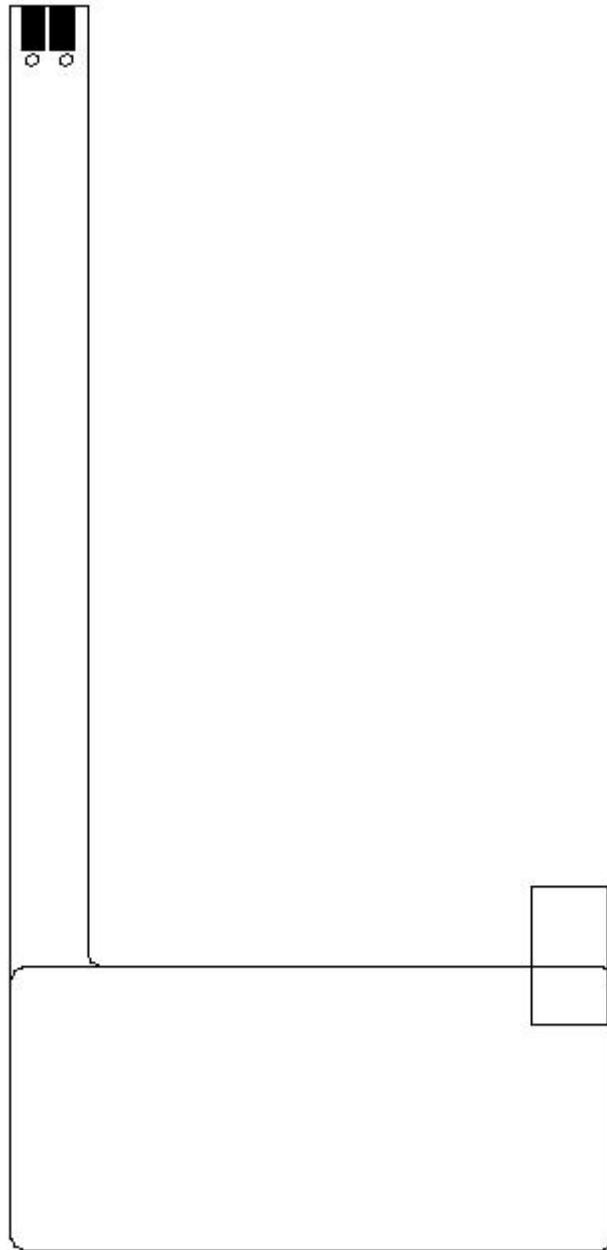
3.1 S11 Test electrical performance

4. Real card performance test

5. Structural drawings

1. Marking:

This report summarizes the results of the electrical performance of NXP-553 and proposes internal antennas to support the ME61 nfc antenna project. This antenna is a component in the 13.56MHz frequency band:



NFC antenna+ferrite

2. Electrical performance

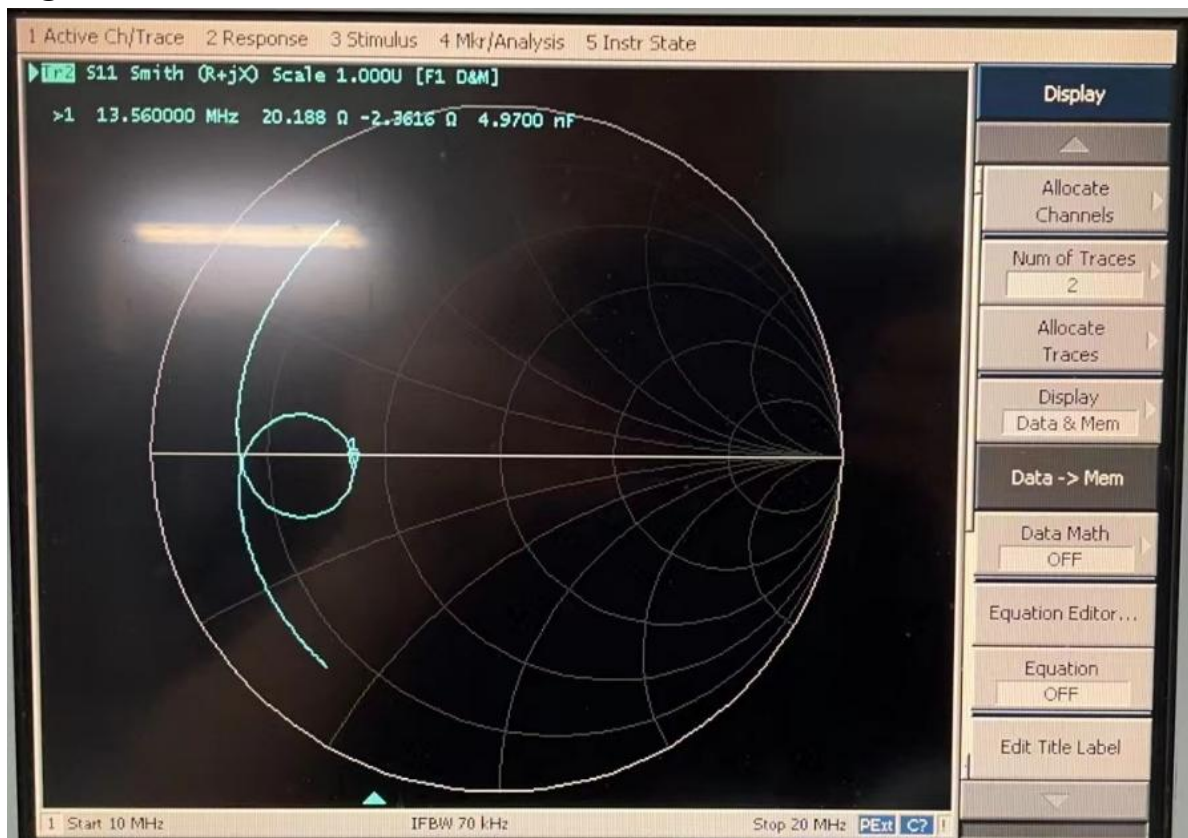
2.1 Antenna Test

Frequency	La	Rs	Rp	Fra	Q
13.56MHz	1.0~2.0uH	<1 Ohm	>1.5k	>35M	>10

2.2 Antenna performance

Actual testing was conducted using the ME61 complete machine installed antenna provided by the customer, mainly using distance sensing testing with a socket.

3. Figure



S11 Test electrical performance

5: Structural drawings

