

SAMPLE & SPECIFICATION FOR APPROVAL

Customer: Coosea Group Co.,Ltd

Model NO: PM68

Customer P/N: 01.02.05.00357

Version: V1.0

Specification Describe: PM68 NFC Antenna (FPC+ferrite)

Vendor P/N: HM0382-NA

Date: 2025-2-5

Address: Room 301, Building 12 No. 1001, Yuyang Road, Yushan Town, Kunshan City, Jiangsu Province

Sample and datasheet must be approved for 5 PCS .

HUIMI Information		
Approved By	Check By	Issued By
WangJinhui	SunQuan	YiQin

No Customer appointed Material				Assign Part
	R&D		QE	Sales
Department	MD	HW	Quality and Eng. Dep.	Sale& Marketing
Checked By	LIXU	Li ShengHua	LiWeiWei	LiMin
Approved By	LIXueQin	WangJinhui	YeLing	YiQin
Final Judgment	LiLinHua	LiLinHua	LiLinHua	LiLinHua
Remark				

Suzhou HuiMi Communication Technology Co.,Ltd

Antenna Approval Sheet

Customer	Point Mobile Co., Ltd		
Customer P/N			
Model	PM68		
P/N			
Description	PM68-NFC ANTENNA (FPC+ferrite)		
Frequency	13.56MHz		
Initial Date	2024-12-19		
Revision	A		
Author	RF Engineer	ME	
	WangJinhui	SunQuan	
Tel.	18015467688	13405120400	
Approval	R&D	PM	QE

Customer Signature

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1. Summary

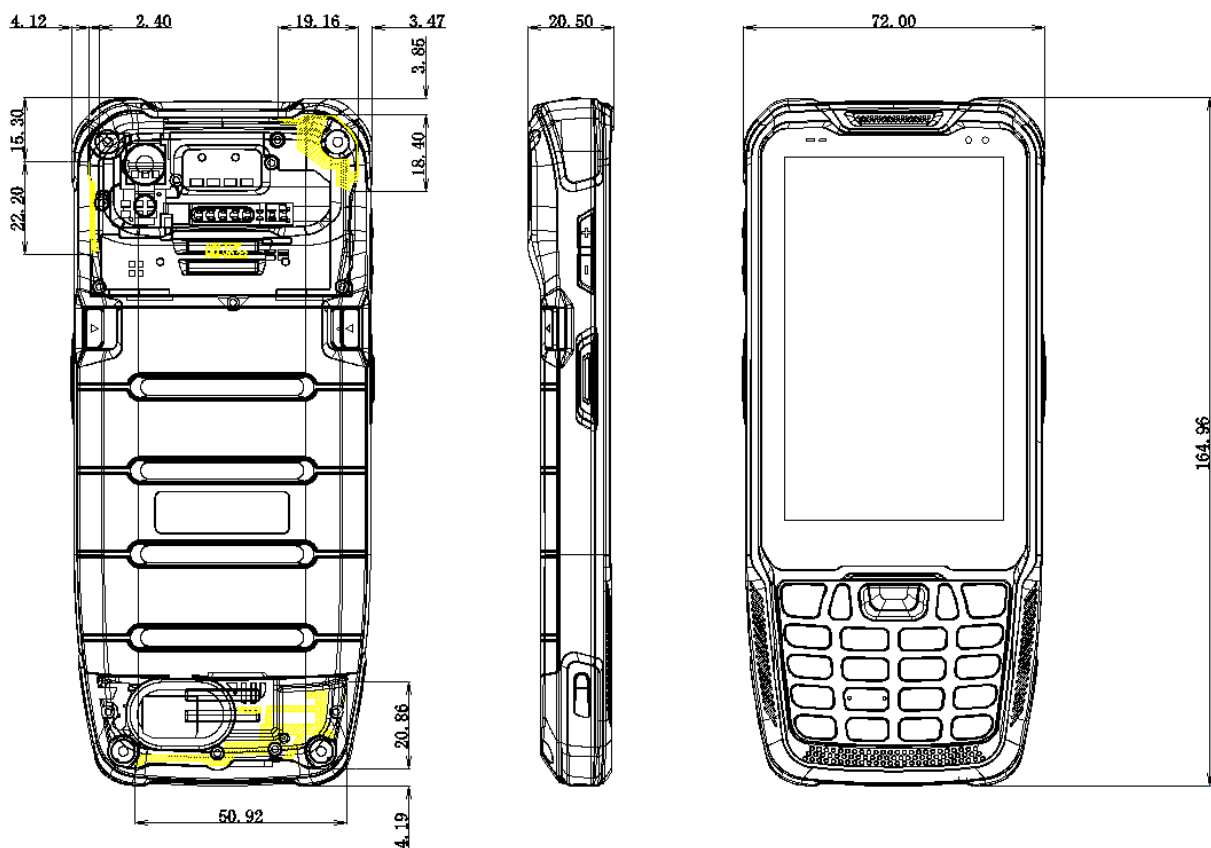
This is the NFC antenna approval sheet

Working band is 13.56MHz.

2. Antenna Structure

FPC+ferrite

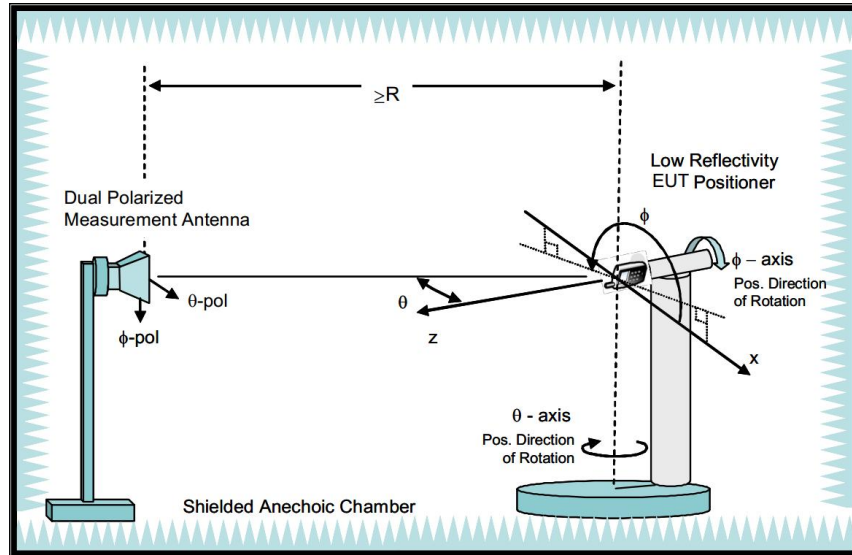
3. Device Conditions



Picture 1 PM68 mobile phone photo

Project Name:PointmobilePM68_NFC antenna		Document: Pointmobile_PM68_NFC antenna Approval Sheet_A
Date :2025-2-5	Version: A	

4. Test Environment



Picture 2 Test Environment photo

5. Antenna Test Results

5.1 Antenna Photos

Please see the antenna photo 1 in the antenna photos document

Picture 3 NFC antenna photo

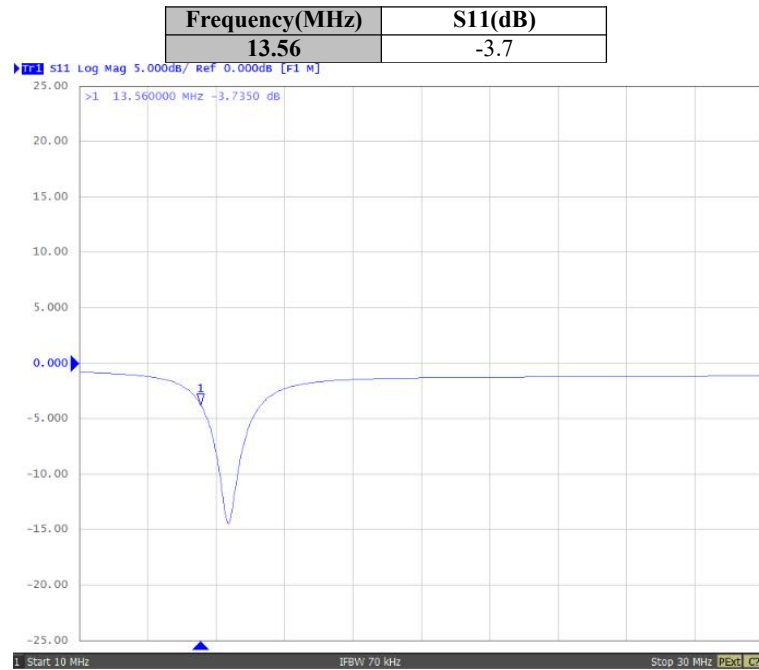
Project Name:PointmobilePM68_NFC antenna		Document: Pointmobile_PM68_NFC antenna Approval Sheet_A
Date :2025-2-5	Version: A	

5.2 Matching Network

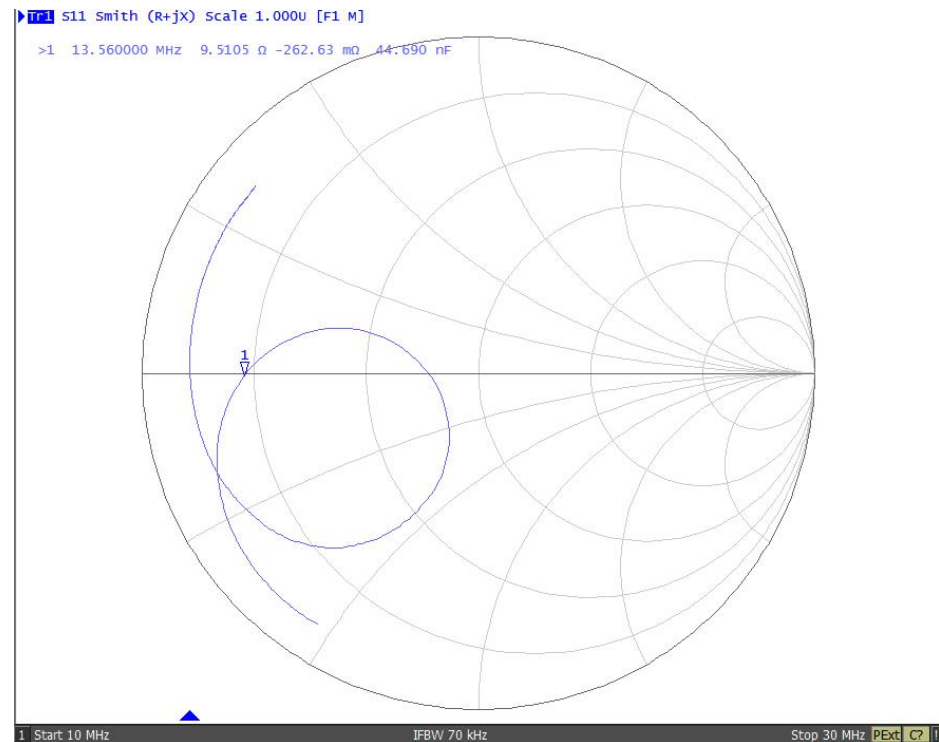
	Location	Value	Accuracy
EMC Filter	L1601/L1602	77nH	
	C1513/C1515	560pF	
Cs	C1619/C1624	150pF	±2%
	C1620/C1625	22pF	±2%
Ccdmp	C1623/C1617	150pF	±2%
	C1627/C1626	27pF	±2%
Cp	C1628	22pF	±2%
RP	R1609	1.5KΩ	

Picture 4 Matching network of NFC antenna

5.3 Return Loss(S_{11} ,Smith)



Picture 5 NFC antenna reflection coefficients (S_{11})



Picture 6 NFC antenna reflection coefficients (Smith)

6. Mechanical Drawings

