深圳市凌度汽车电子有限公司

Shenzhen Lingdu Automotive Electronics Co., Ltd

Antenna specification

Project Title		Antenna Version	**V02**
Data	**2024/5/28**	Report Version	**A1**
Engineer		Telephone	

History

Version	Report Date	Revision Description	Prepared by
A1	2024.5.28	Antenna specification	

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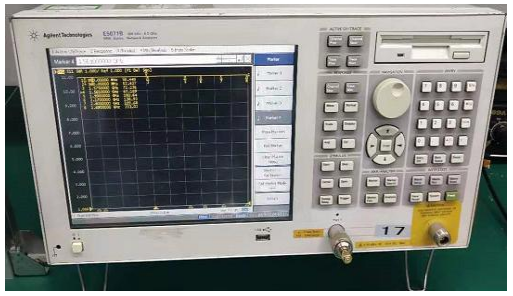
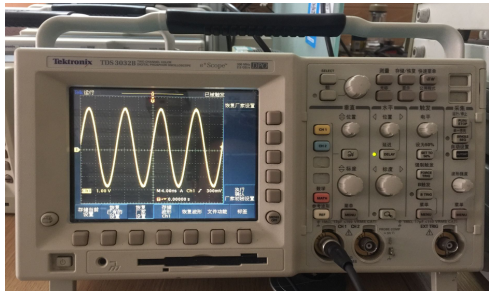
Introduction to project debugging

Project Title				
Antenna type	onboard			
Frequency band and antenna material	Antenna	Frequency		material
		RFID	13.56MHz	FR4
demand	Execute according to project requirements			

Test equipment description

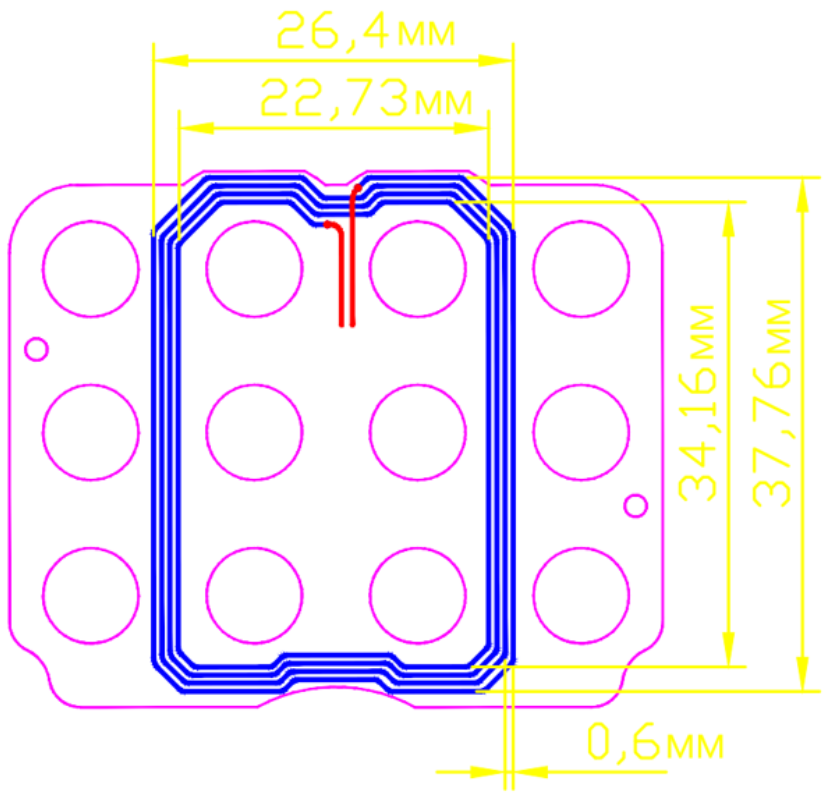


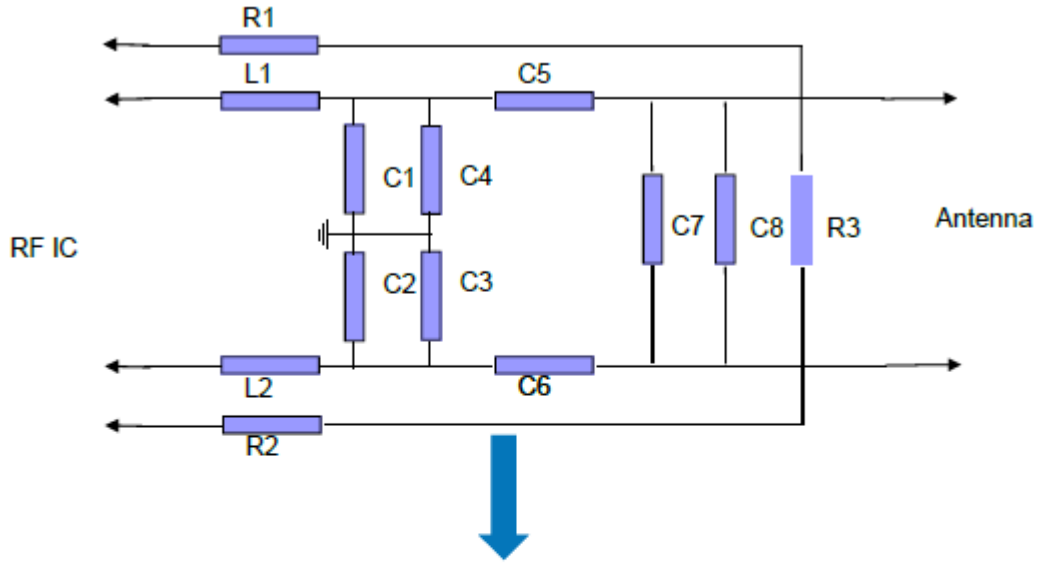
Agilent E5071B



Oscilloscope

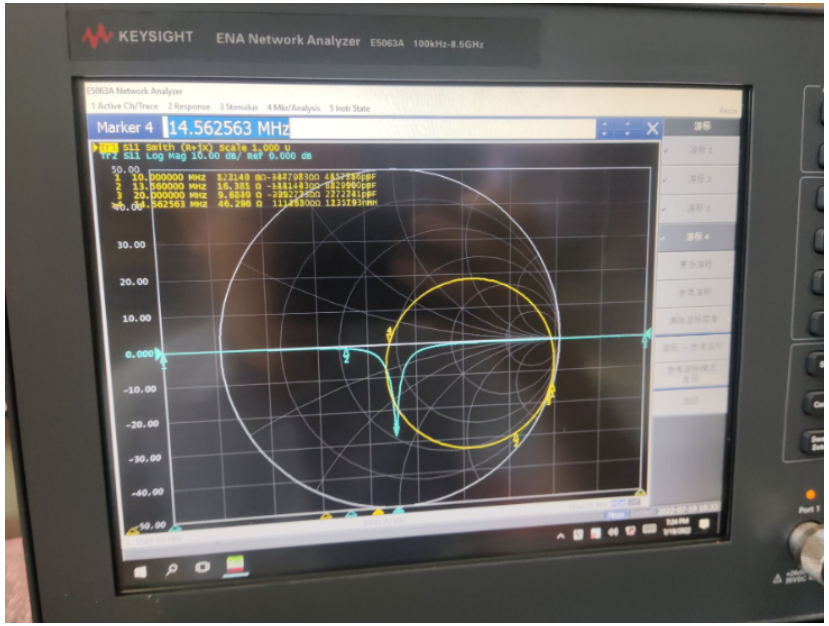
Matching circuit specification

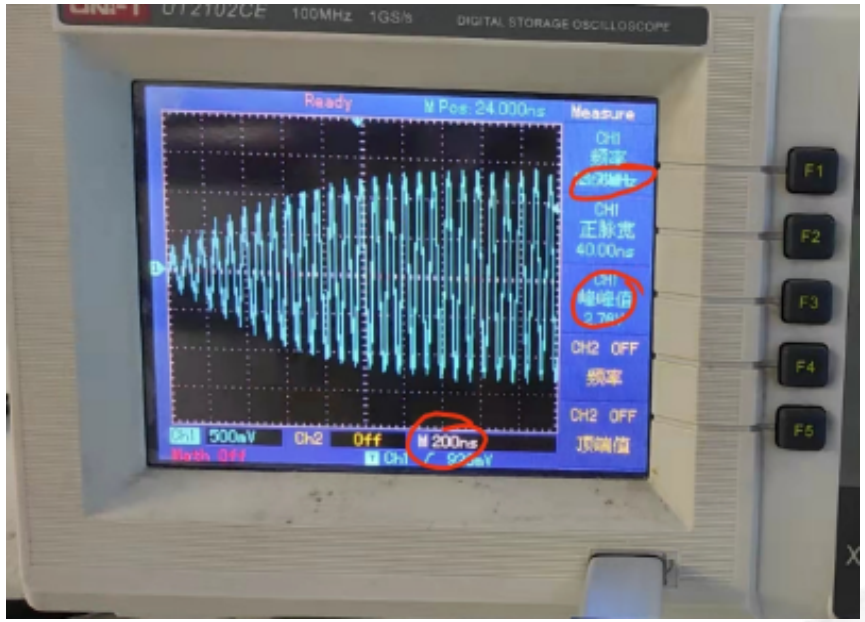




Element	Value	Element	Value
R1 (0402)	3. 9K	C4 (0402)	NC
R2 (0402)	3. 9K	C5 (0402)	30PF
L1 (0805)	680nH	C6 (0402)	30PF
L2 (0805)	680nH	C7 (0402)	100PF
C1 (0402)	200PF	C8 (0402)	NC
C2 (0402)	200PF	R3 (0402)	6. 8K
C3 (0402)	NC		

Antenna Frequency





Thanks.