

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	V03
Data	2024/6/2	Report Version	A1
Engineer		Telephone	

History

Version	Report Date	Revision Description	Prepared by
A1	2024. 6. 2	Antenna specification	

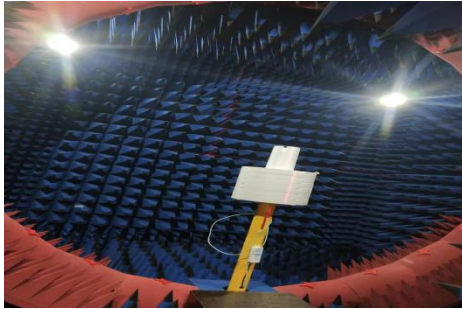
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Introduction to project debugging

Project Title				
Antenna type	onboard			
Frequency band and antenna material	Antenna	Frequency		material
		BLE	2. 4G-2. 48G	FR4
demand	Execute according to project requirements			

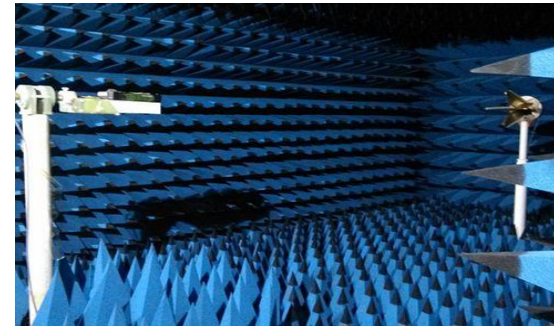
Test equipment description



24probe anechoic chamber



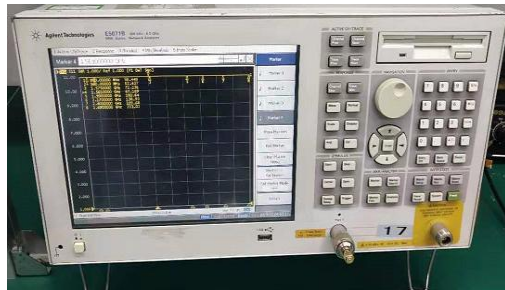
CMW500



7*4*3M ETS anechoic chamber



Agilent 8960



Agilent E5071B



high-low temperature chamber

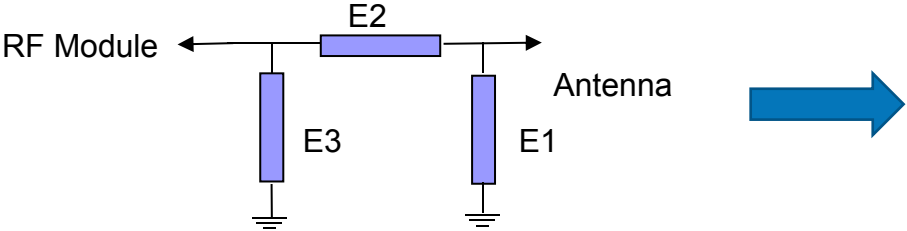


MT8820C

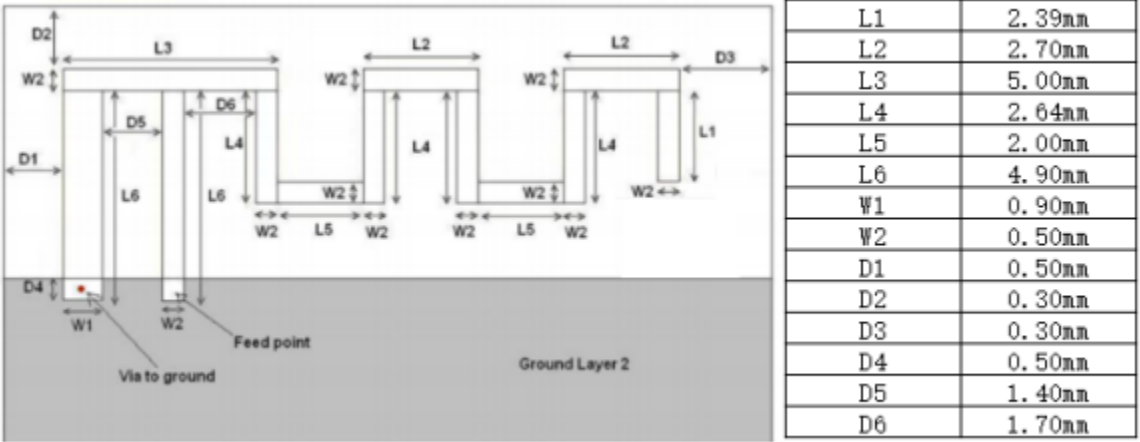


HP8753ES

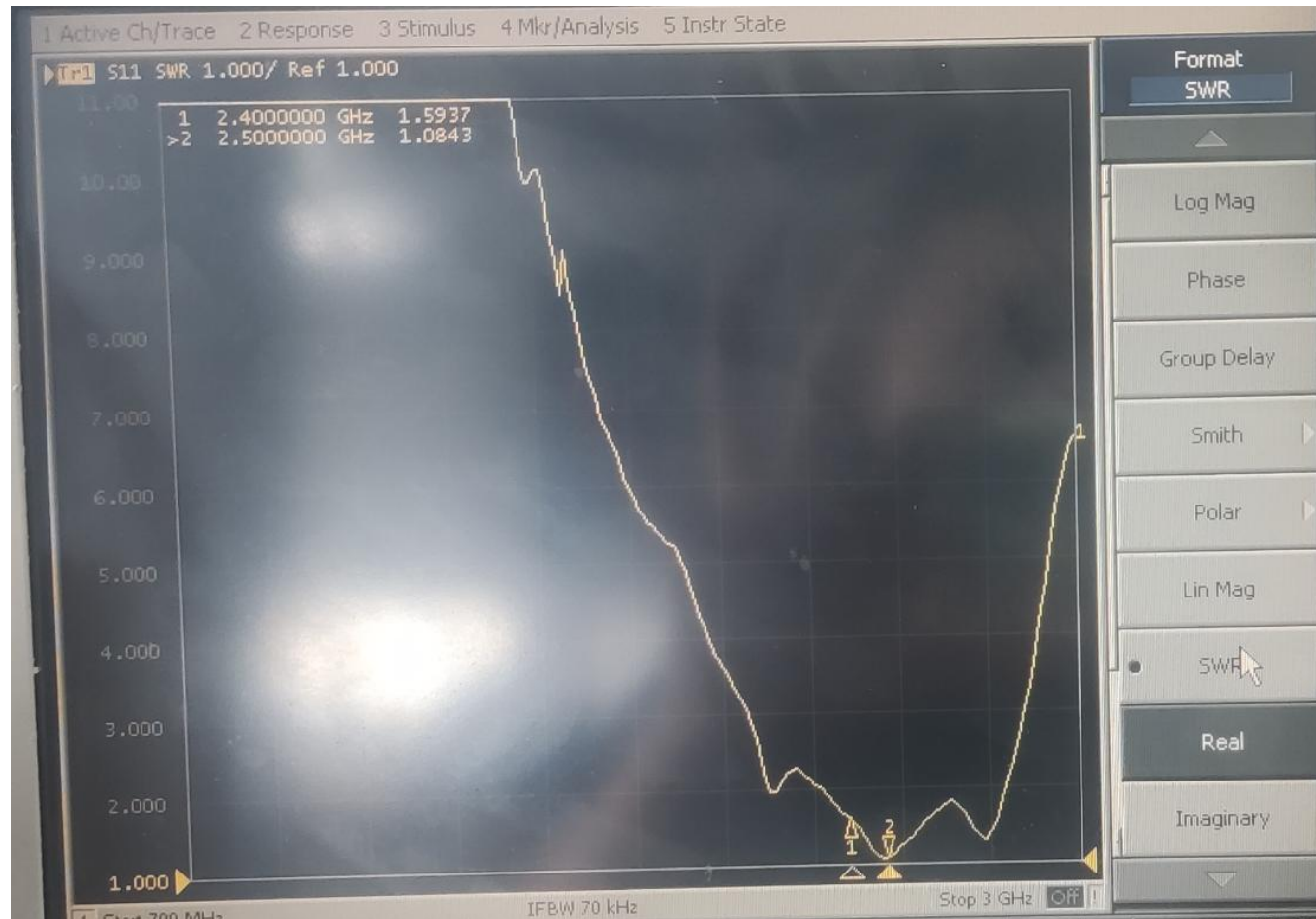
Matching circuit specification



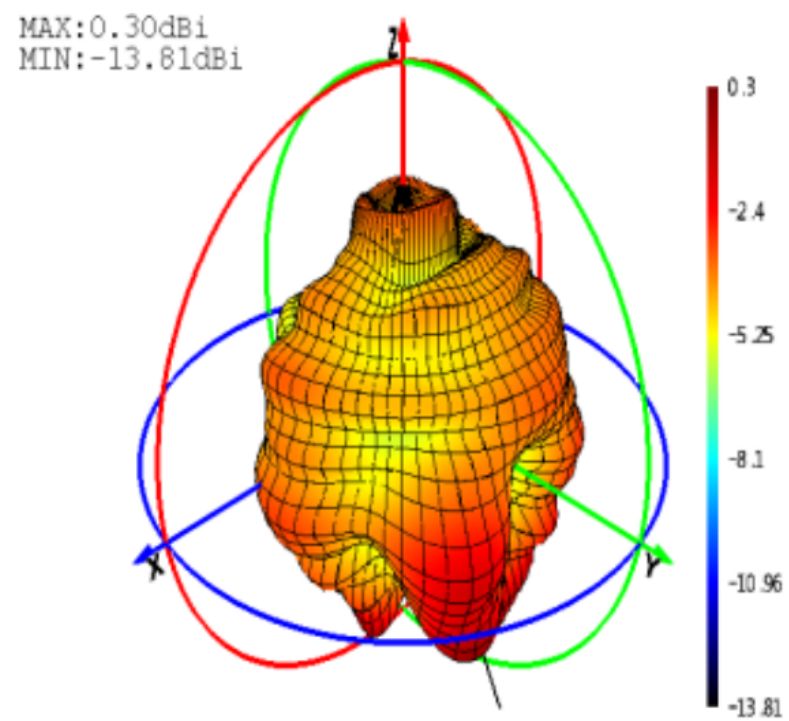
BLE	Element	Value
	E1 (0402)	0.5PF
	E2 (0402)	0R
	E3 (0402)	N/A

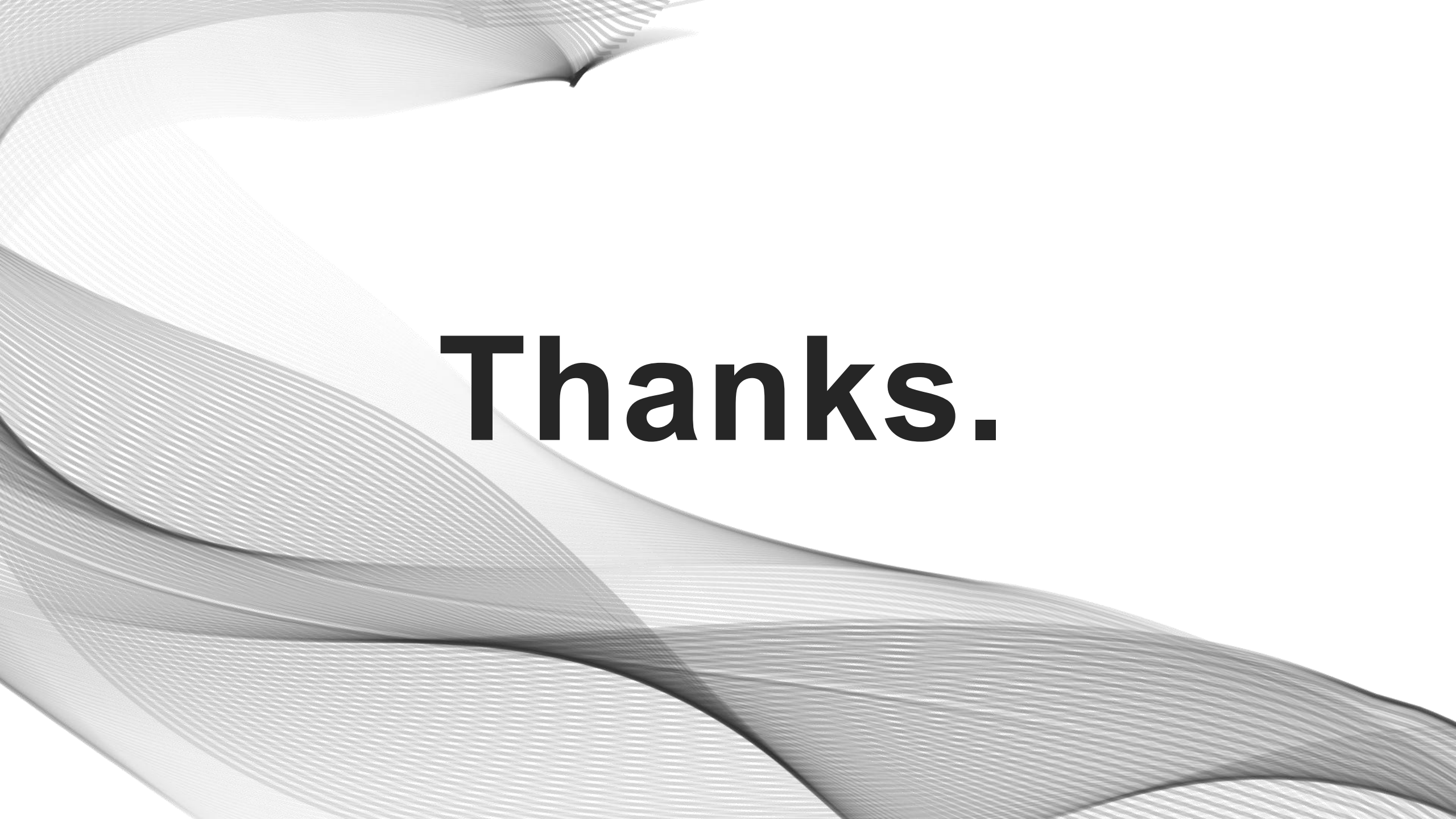


Antenna standing wave



3D图





Thanks.