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Antenna Test Report

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8. Environmental Processing

Project Name: M2

Author: 杨永成

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项目概况

OverView

CUSTOMER NAME	华创恒达	PROJECT NAME	M2
Items		Details	
• FREQUENCY		2400MHz-2500MHz	
• PROJECT TYPE			
• ANTENNA SPACE			
• FEED & GROUND PAD			
• SENSITIVE ELEMENTS			
• ANTENNA TYPE			
• PCB			
• OTHERS			

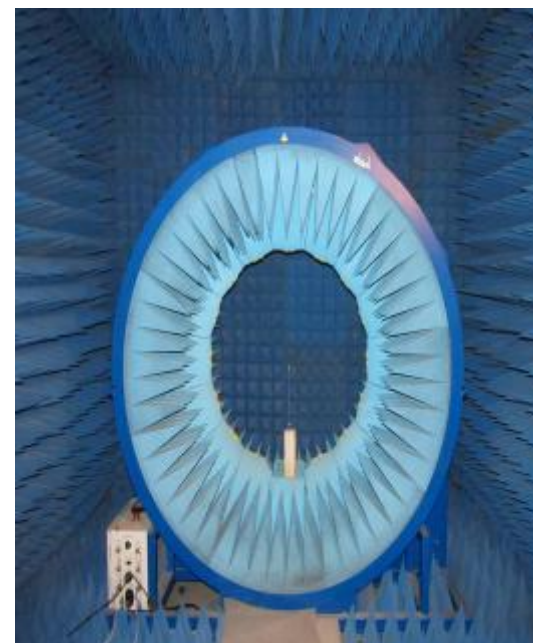
历史报告记录

Revision History

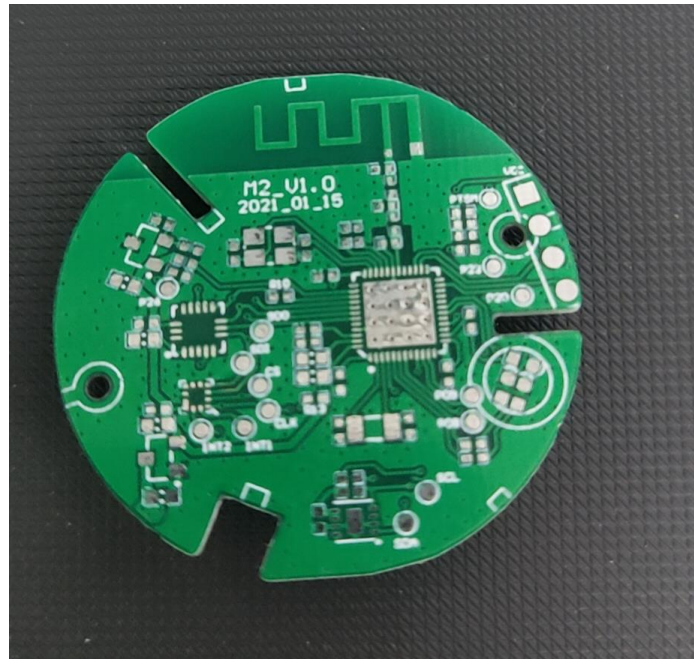
日期(Date)	版本 (Revision)	负责人(Author)	更改原因(Description of changes)

Test Item & Equipment

List	Test Item	Equipment	
1.S Parameter	VSWR, Return Loss	Agilent VNA	
2.Active Test	TRP, TIS	Agilent 8960	RayZone1800
3.Passive Test	Gain, Efficiency, Pattern	Agilent E5071C	



天线

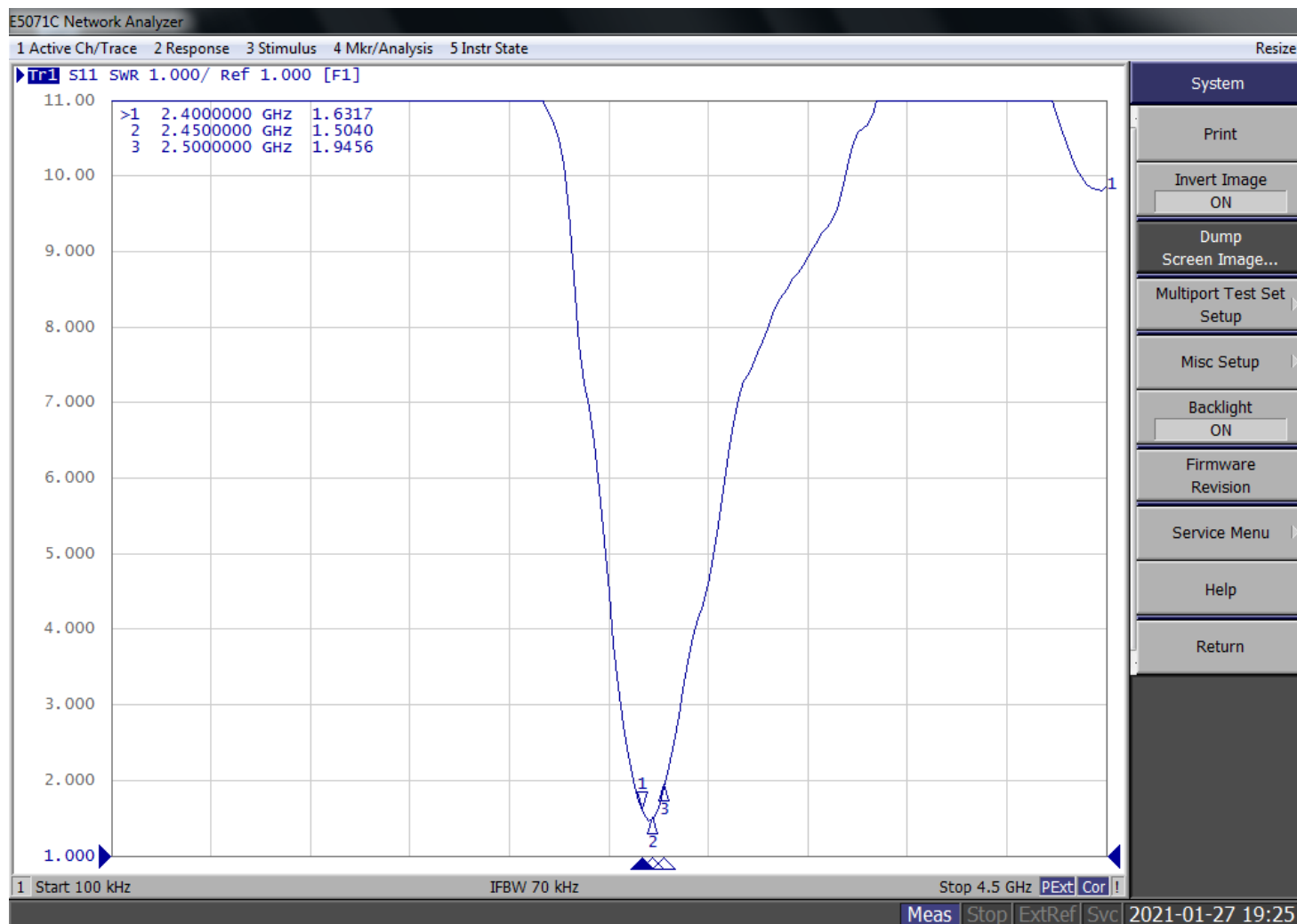


2021/1/28

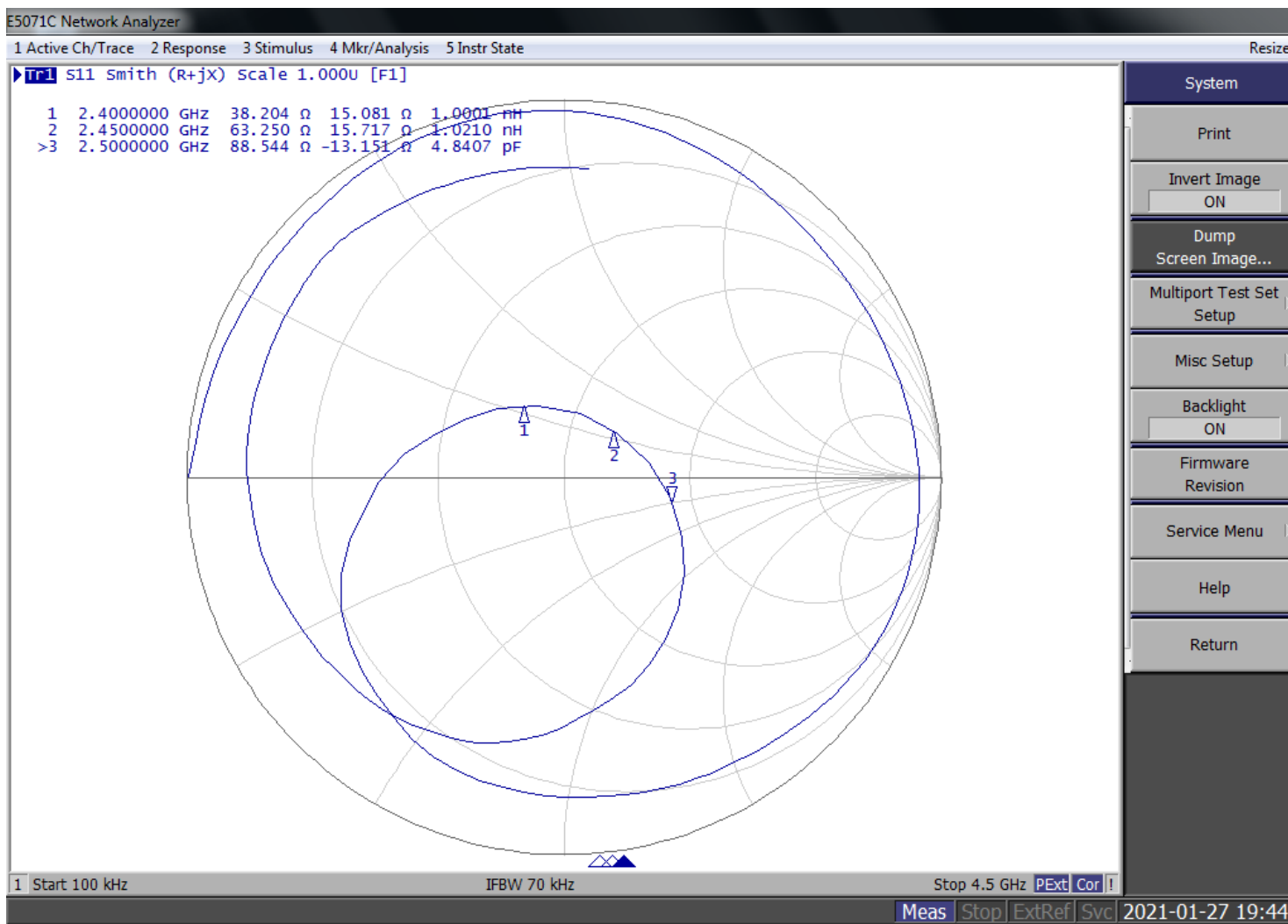


Confidential Data

VSWR



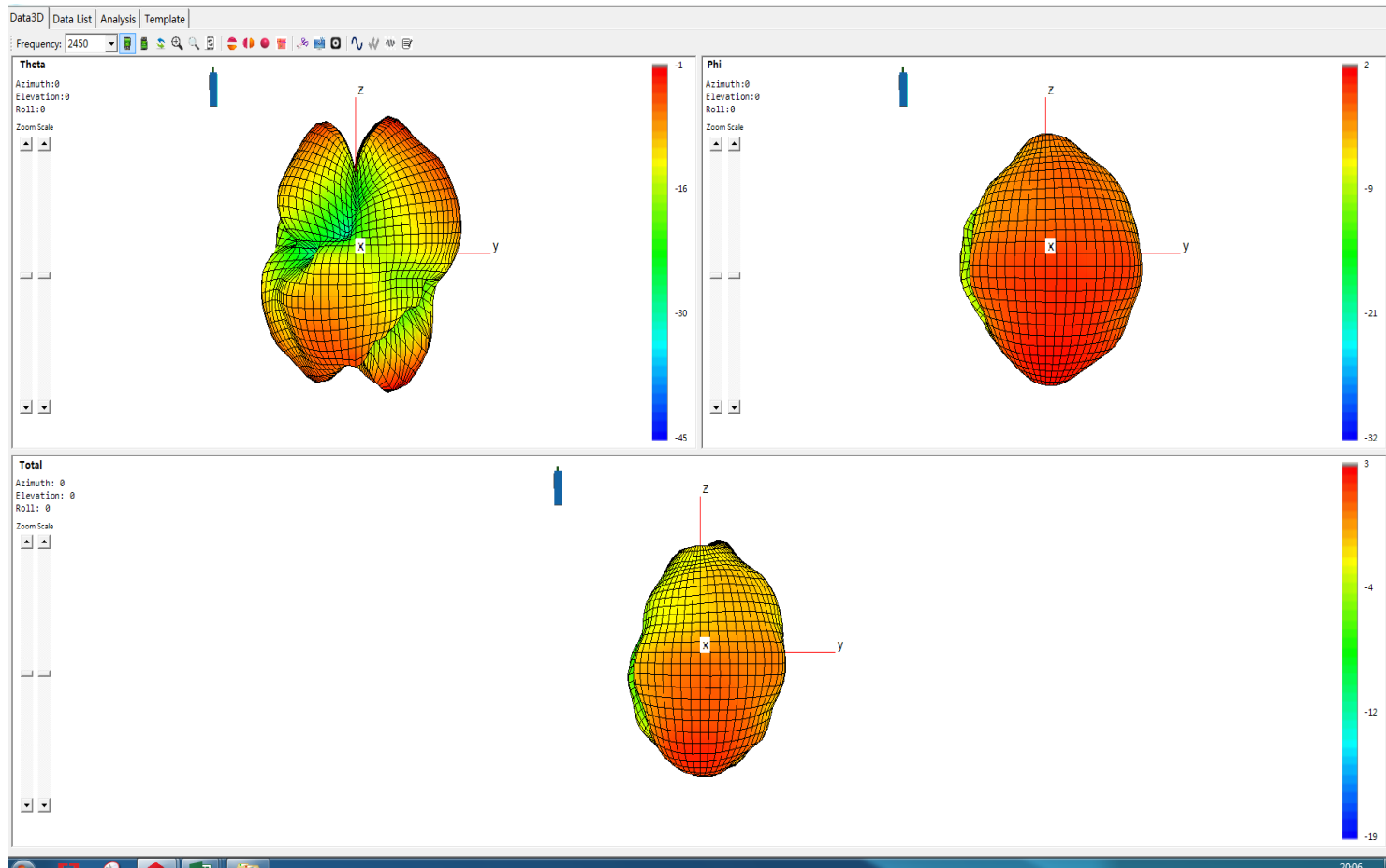
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PASSIVE TEST（天线效率及增益）

Freq (MHz)	Effi (%)	Gain (dB)			
2400	46.15	2.18			
2410	50.85	2.45			
2420	50.88	2.40			
2430	51.03	2.41			
2440	50.30	2.38			
2450	49.33	2.28			
2460	50.70	2.28			
2470	52.05	2.36			
2480	51.29	2.46			
2490	51.16	2.44			
2500	51.13	2.33			

3D Antenna Radiation Pattern (2450MHz)



2D Antenna Radiation Pattern (2400MHz)

