

Antenna Test Report

Index:

1. Overview
2. Revision History
3. Test Item & Equipment
4. Matching Circuit
5. S Parameter Test
6. Active Test
7. Conducted Emission Test
8. Environmental Processing

Project Name: MAX4

Author: 容金金

Update: 2020-9-1

項目概況

OverView

CUSTOMER NAME	文石	PROJECT NAME	MAX4
Items		Details	
• FREQUENCY		2.4g/5.8g	
• PROJECT TYPE			
• ANTENNA MODEL		MAX4	
• ANTENNA manufacturer		Myantenna	
• ANTENNA test		Myantenna	
• ANTENNA TYPE		Pifa	
• PCB			
• OTHERS			

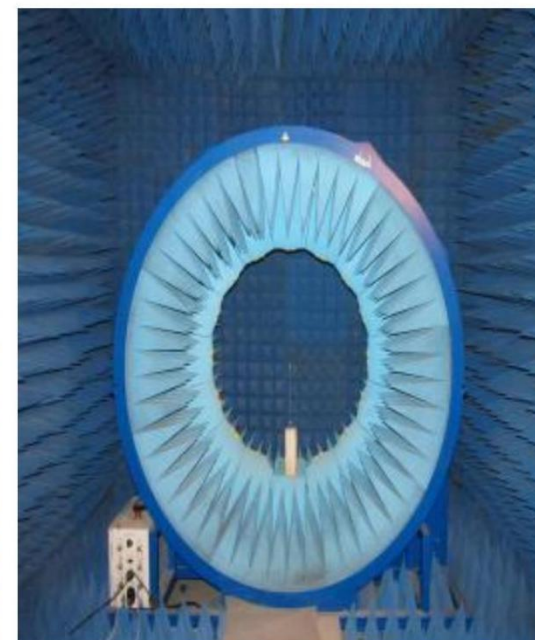
歷史報告記錄

Revision History

日期(Date)	版本 (Revision)	負責人(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	



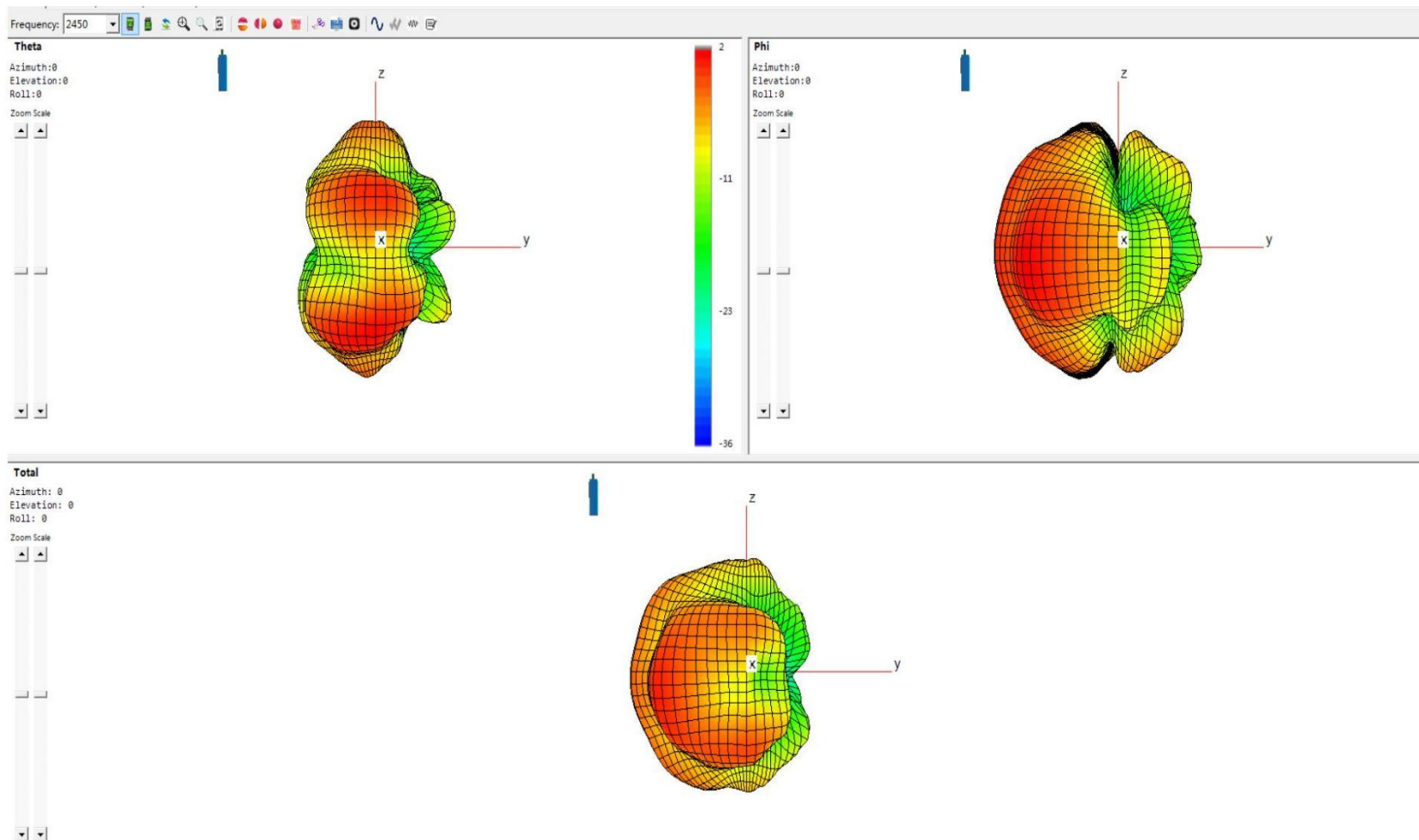
VSWR



PASSIVE TEST（天線效率及增益）

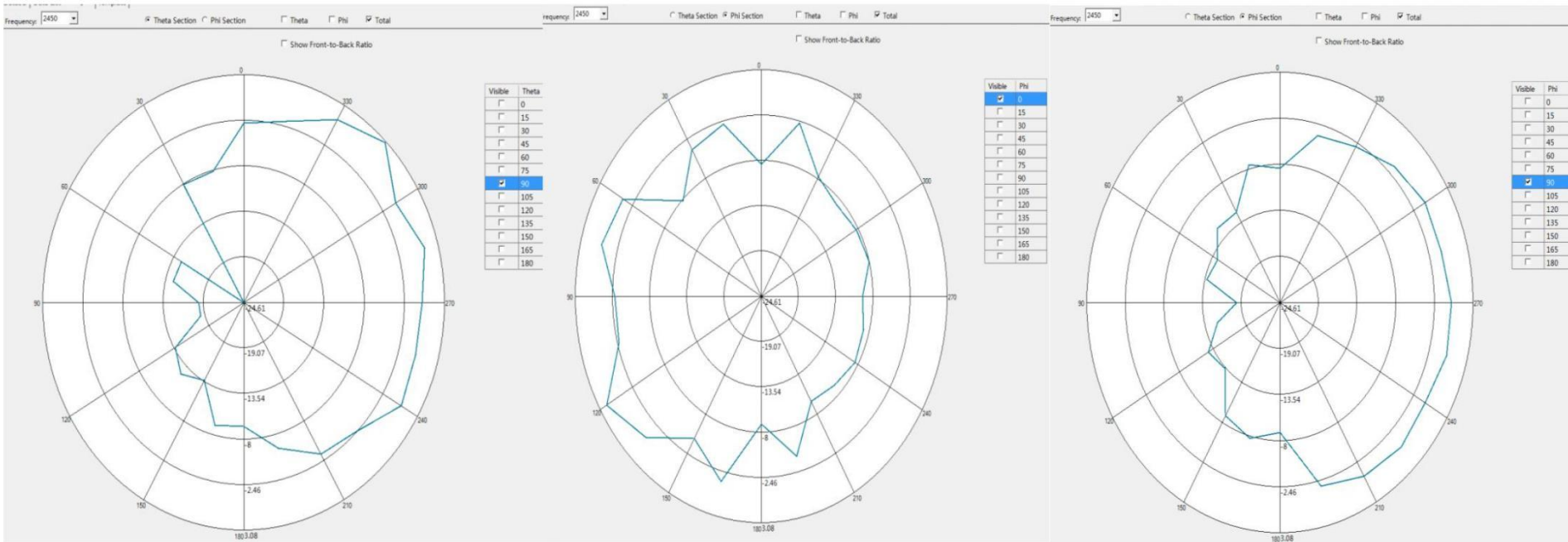
MAX GAIN:2.5dBi					
NO.	TEST Frequency (MHZ)	Gain test Value (dBi)	Efficiency test value (%)	Antenna pattern	Result
1	2400-2490	2.5	45	Phi=0 Phi=90 Theta=90	N/A
2	5120-5870	2	30		

2450MHZ 3D



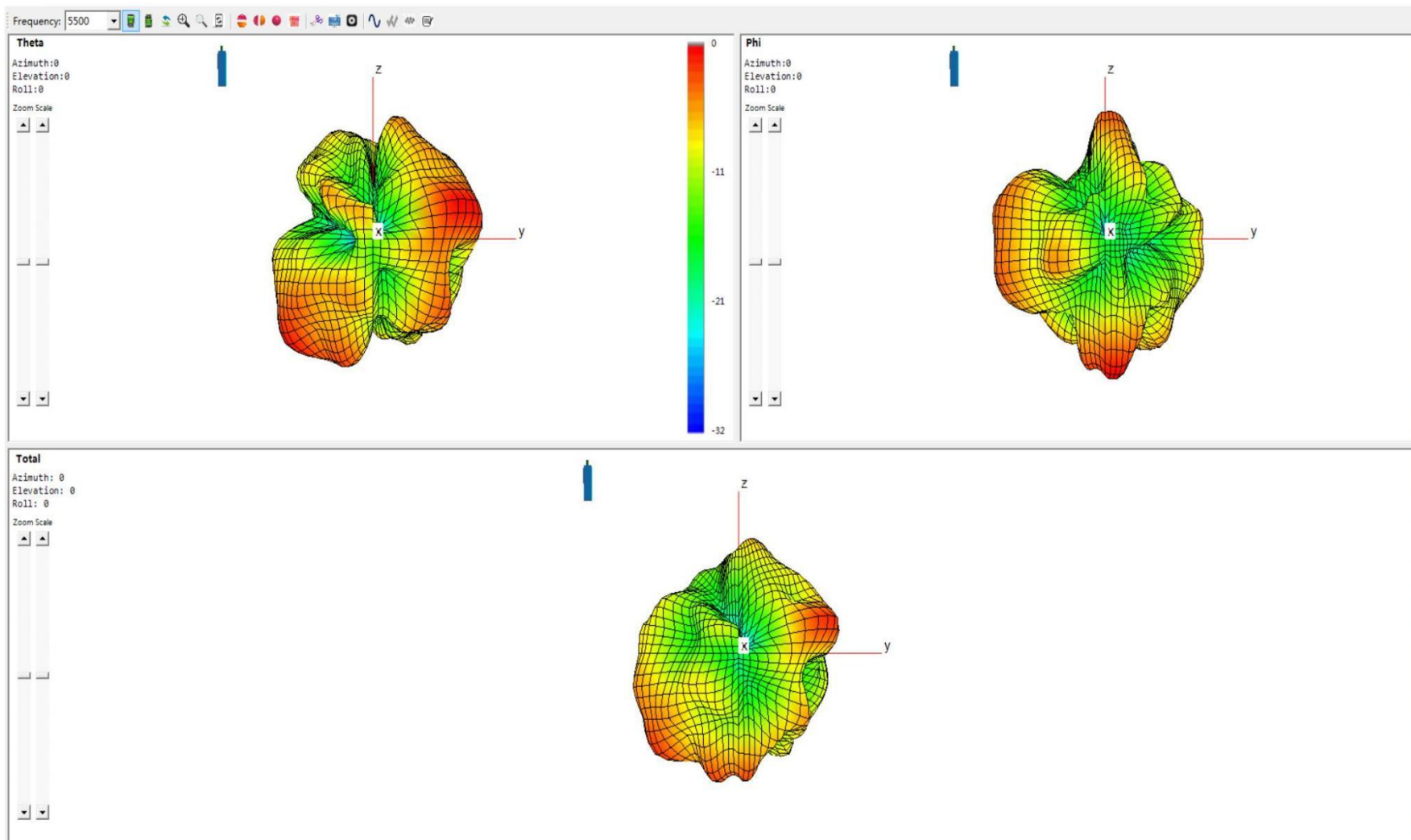
2021/12/29

2D



2021/12/29

3D 5550MHZ

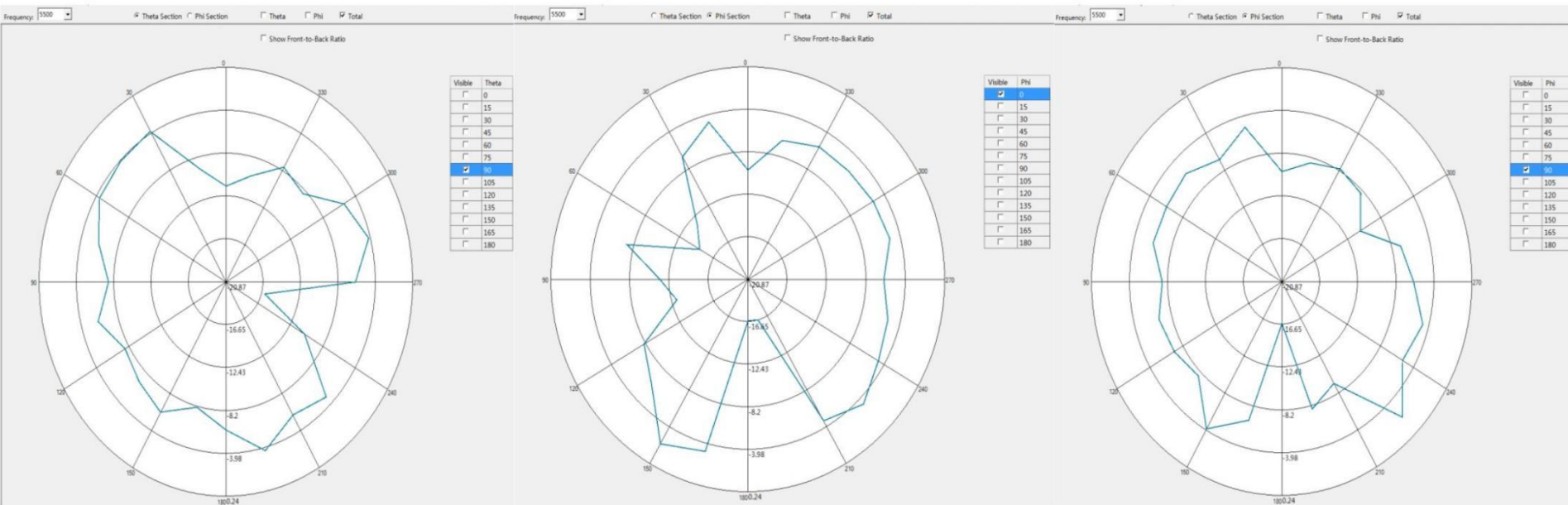


2021/12/29



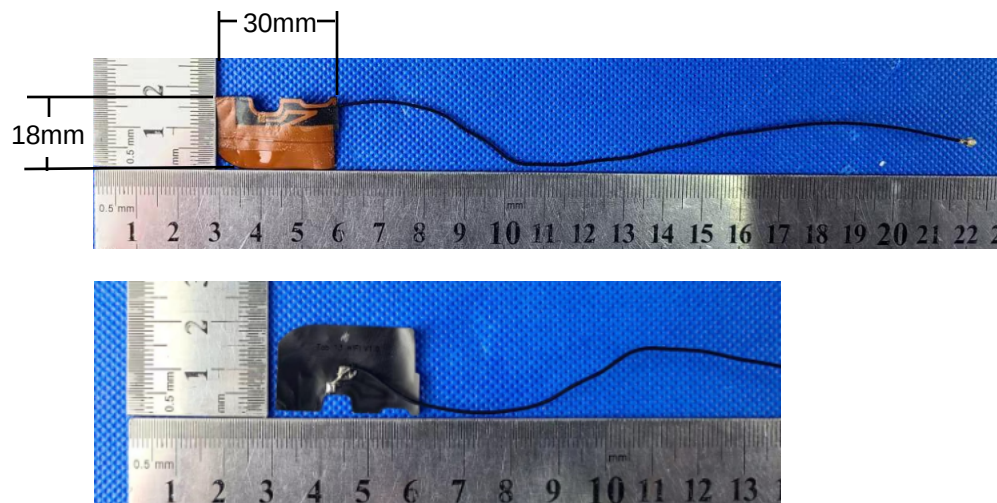
Confidential Data

2D



2021/12/29

Antenna:



天线制造商:摩天通信技术有限公司

公司地址:广东省深圳市高新科技园南区 R3 栋 403