

# Antenna Test Report

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Project Name: MK13

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Update: 2020-10-12

# 项目概况

## OverView

CUSTOMER NAME	华创	PROJECT NAME	MK13
<b>Items</b>		<b>Details</b>	
• FREQUENCY		2400MHz-2500MHz	
• PROJECT TYPE			
• ANTENNA SPACE			
• FEED & GROUND PAD			
• SENSITIVE ELEMENTS			
• ANTENNA TYPE			
• PCB			
• OTHERS			

# 历史报告记录

## Revision History

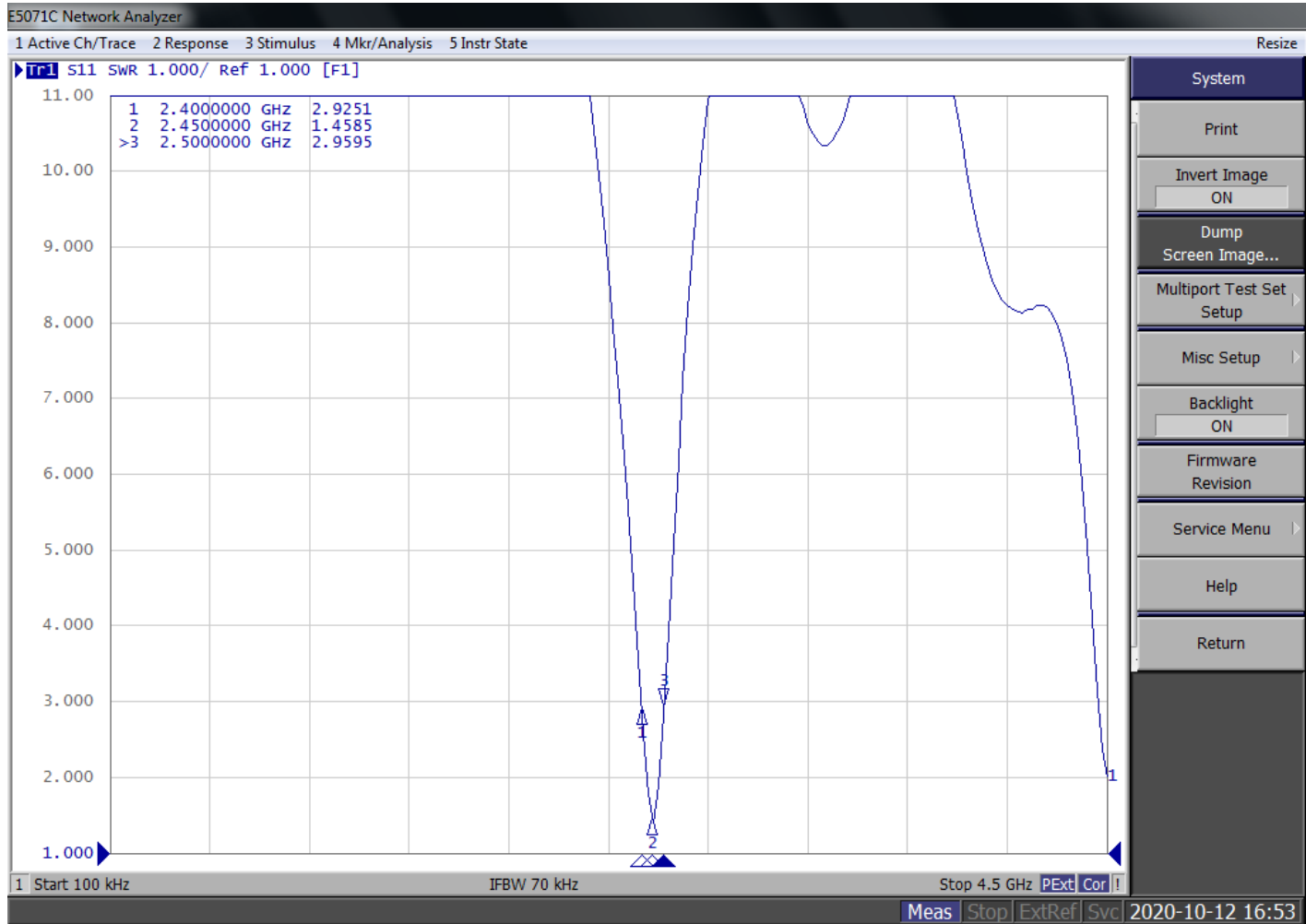
日期(Date)	版本 (Revision)	负责人(Author)	更改原因(Description of changes)

# 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	



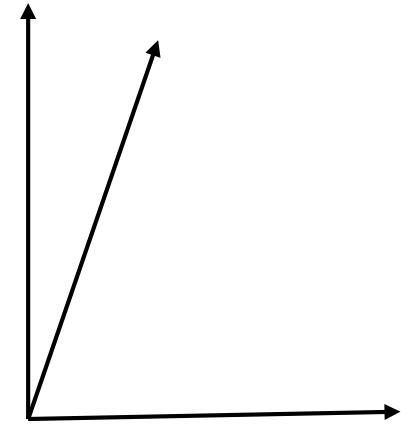
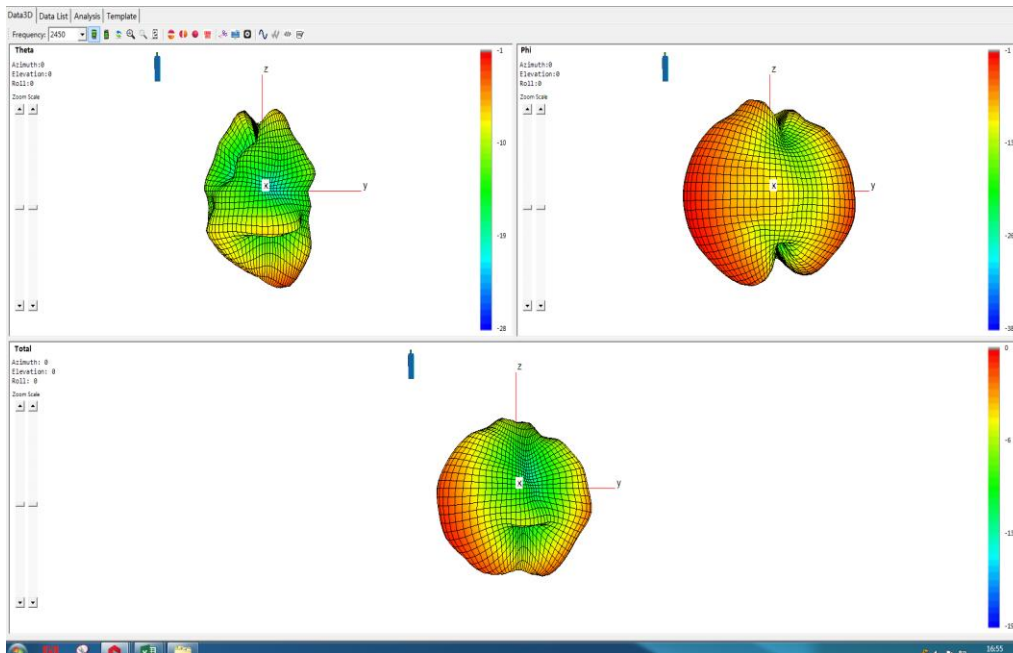
# VSWR



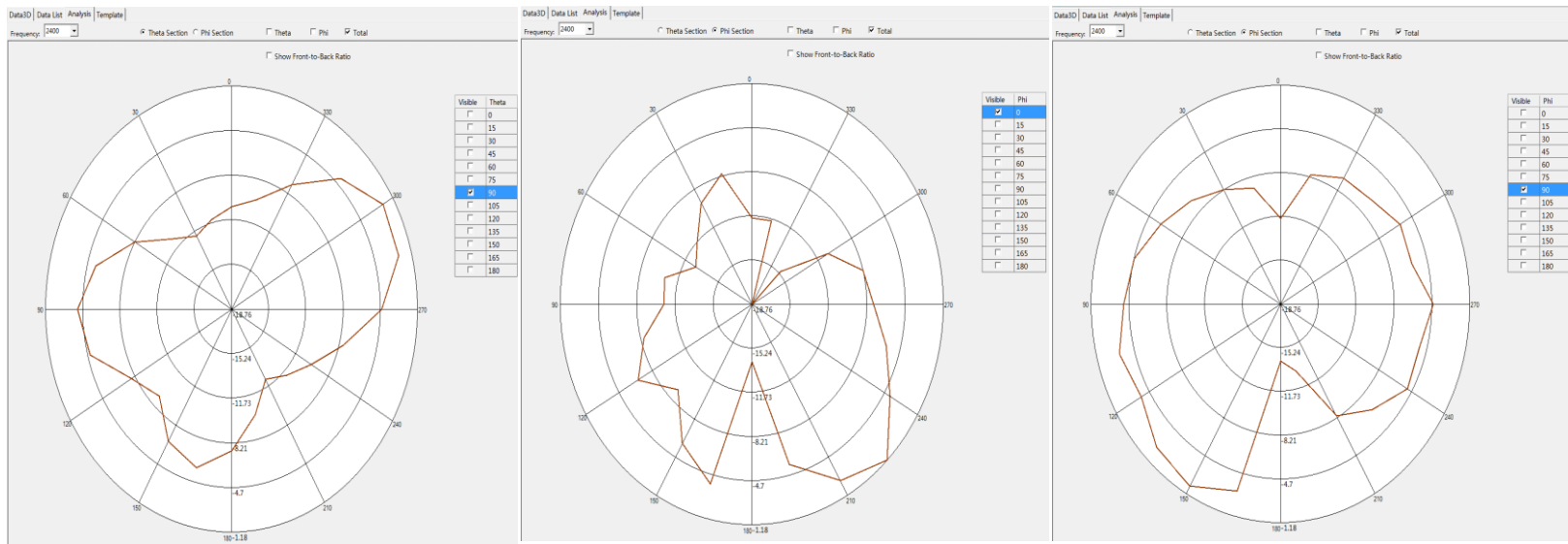
## PASSIVE TEST (天线效率及增益)

Freq (MHz)	Efficiency (%)	Gain (dBi)
2400	22.83	-1.18
2410	26.96	-0.54
2420	28.43	-0.30
2430	29.00	-0.09
2440	28.37	-0.17
2450	27.20	-0.47
2460	26.14	-0.82
2470	24.62	-1.11
2480	22.11	-1.53
2490	19.49	-1.91
2500	17.54	-2.16

## 3D Antenna Radiation Pattern(2450MHz)

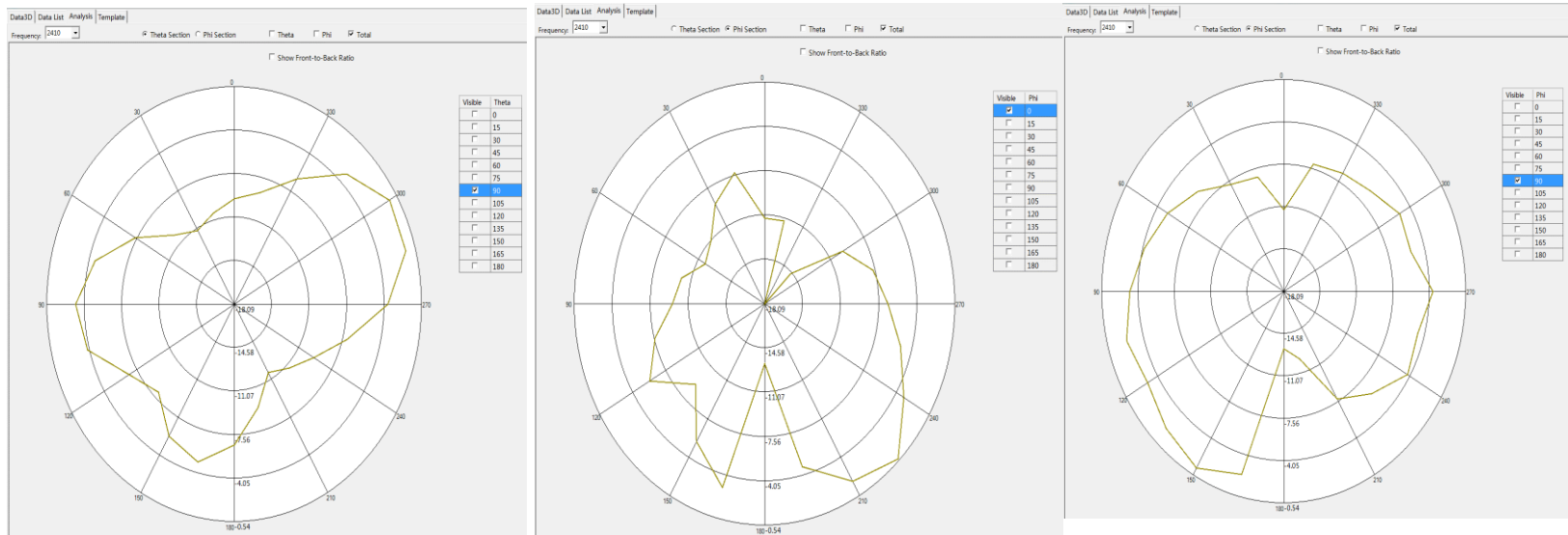


## 2D Antenna Radiation Pattern (2400MHz)

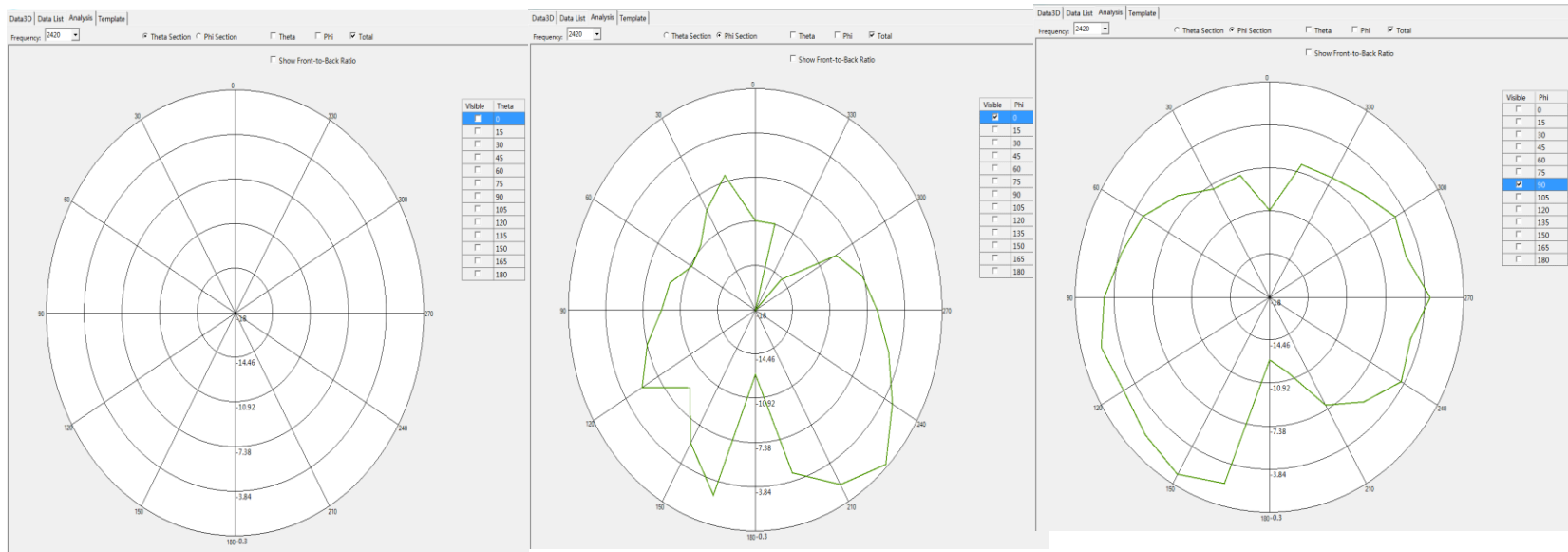




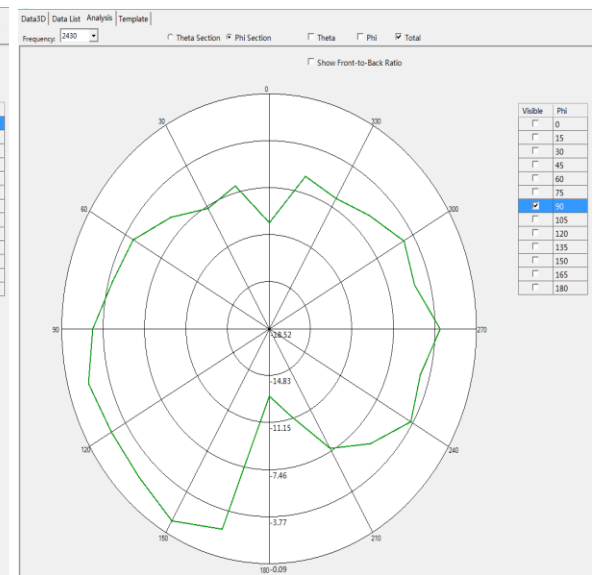
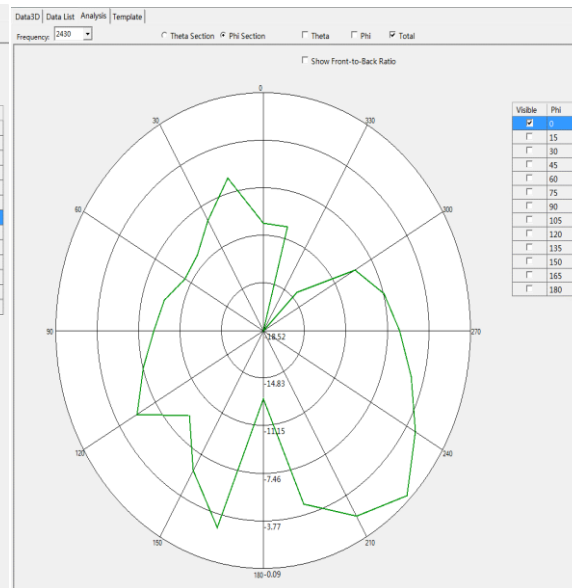
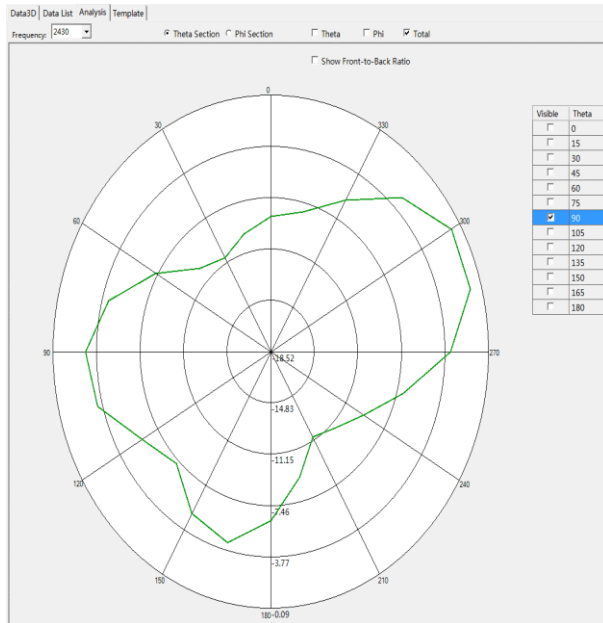
## 2D Antenna Radiation Pattern (2410MHz)



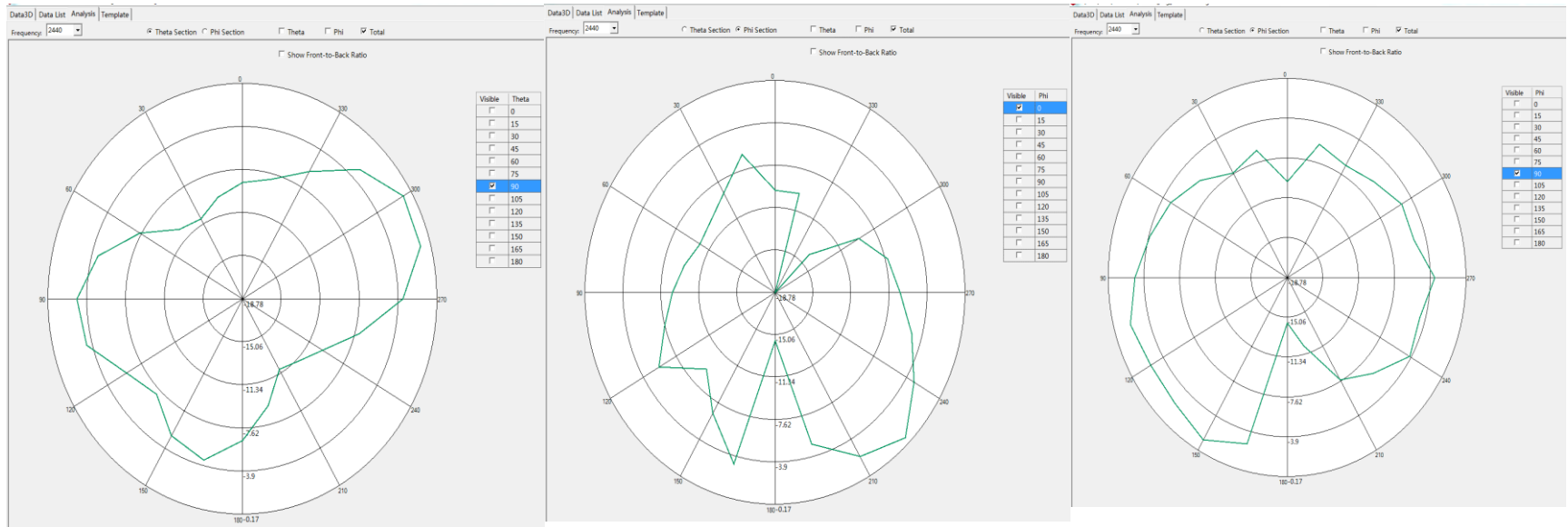
## 2D Antenna Radiation Pattern (2420MHz)



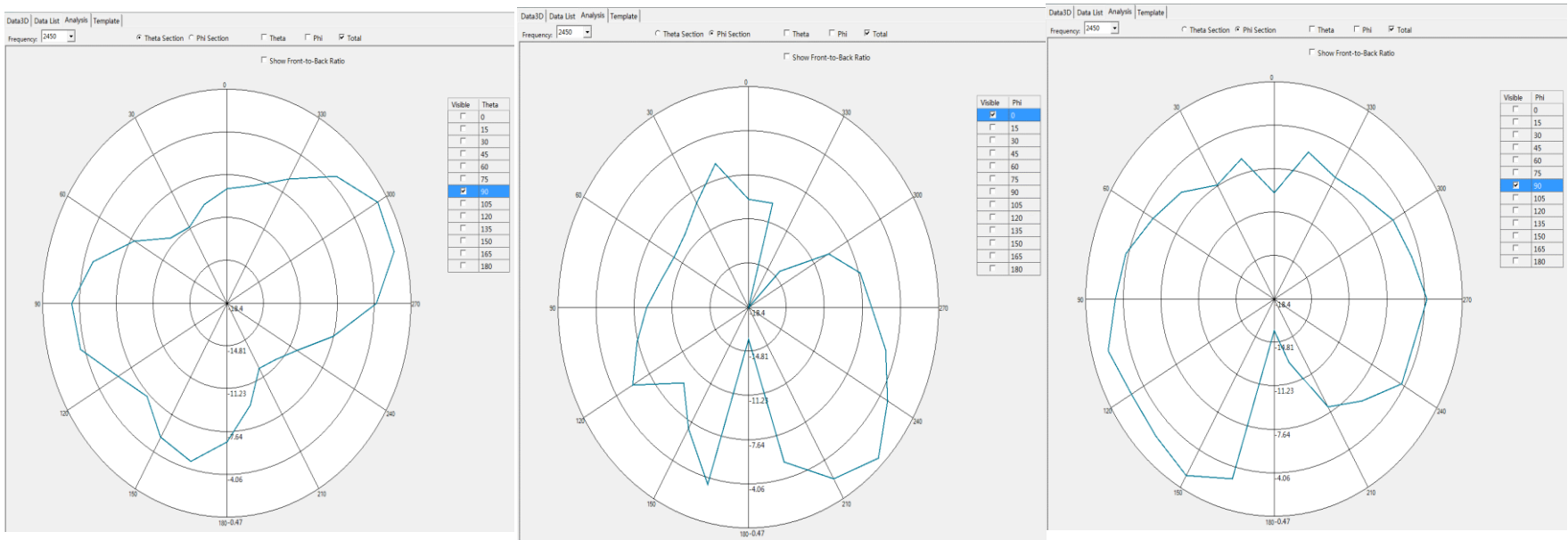
## 2D Antenna Radiation Pattern (2430MHz)



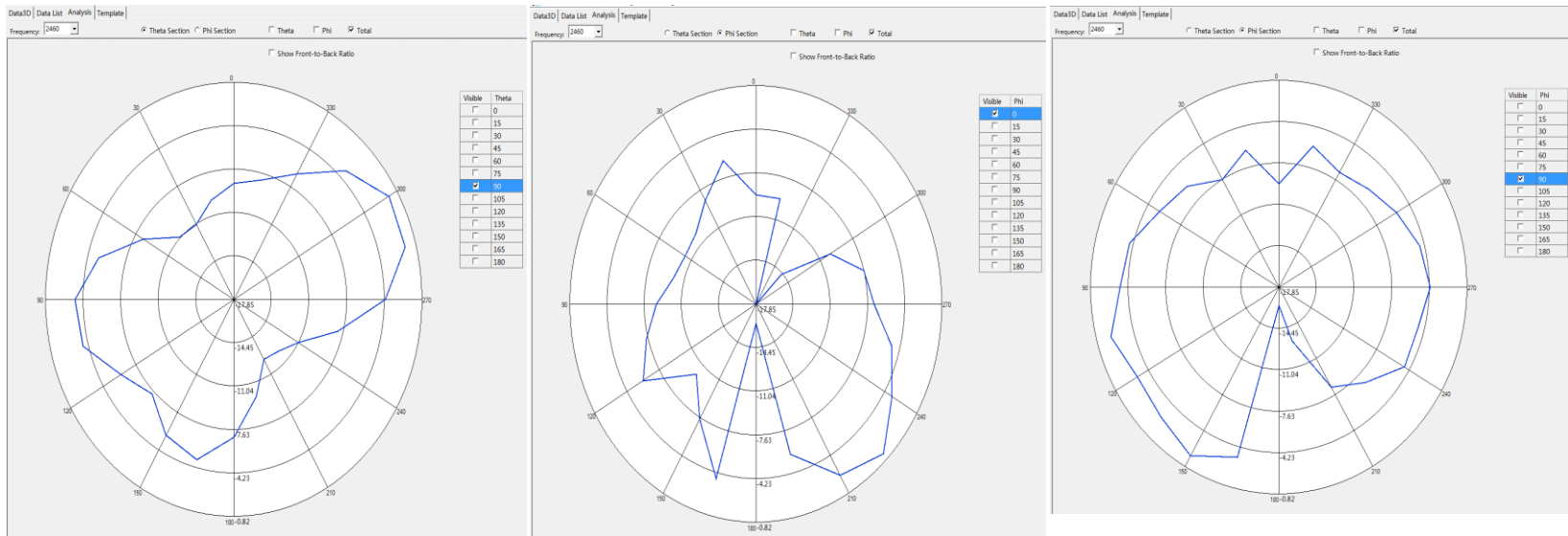
## 2D Antenna Radiation Pattern (2440MHz)



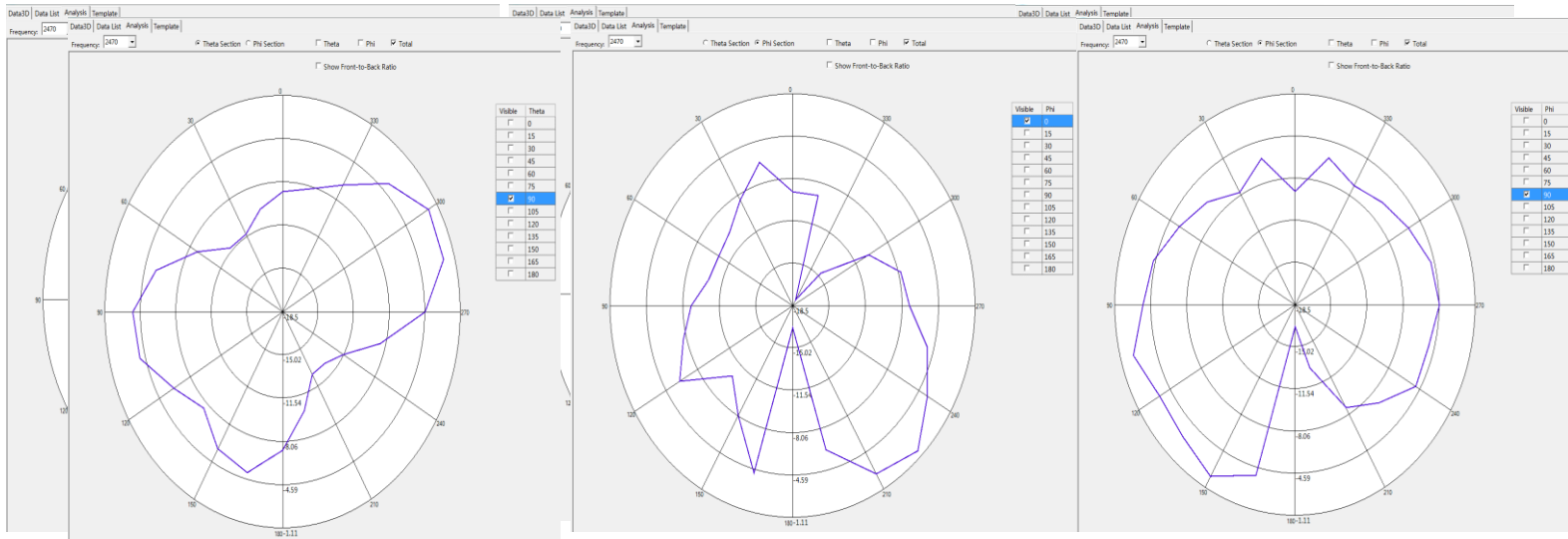
## 2D Antenna Radiation Pattern (2450MHz)



## 2D Antenna Radiation Pattern(2460MHz)



## 2D Antenna Radiation Pattern(2470MHz)



# 2D Antenna Radiation Pattern(2480MHz)

