

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
Items		Details	
• FREQUENCY		2400MHz-2500MHz	
• PROJECT TYPE			
• ANTENNA SPACE			
• FEED & GROUND PAD			
• SENSITIVE ELEMENTS			
• ANTENNA TYPE			
• PCB			
• OTHERS			

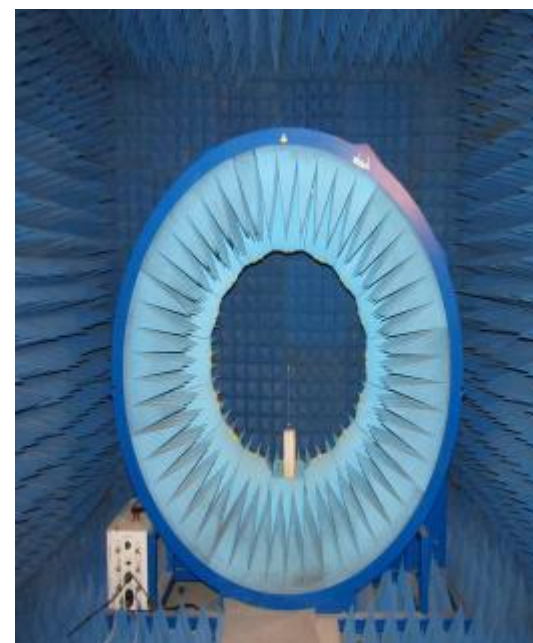
历史报告记录

Revision History

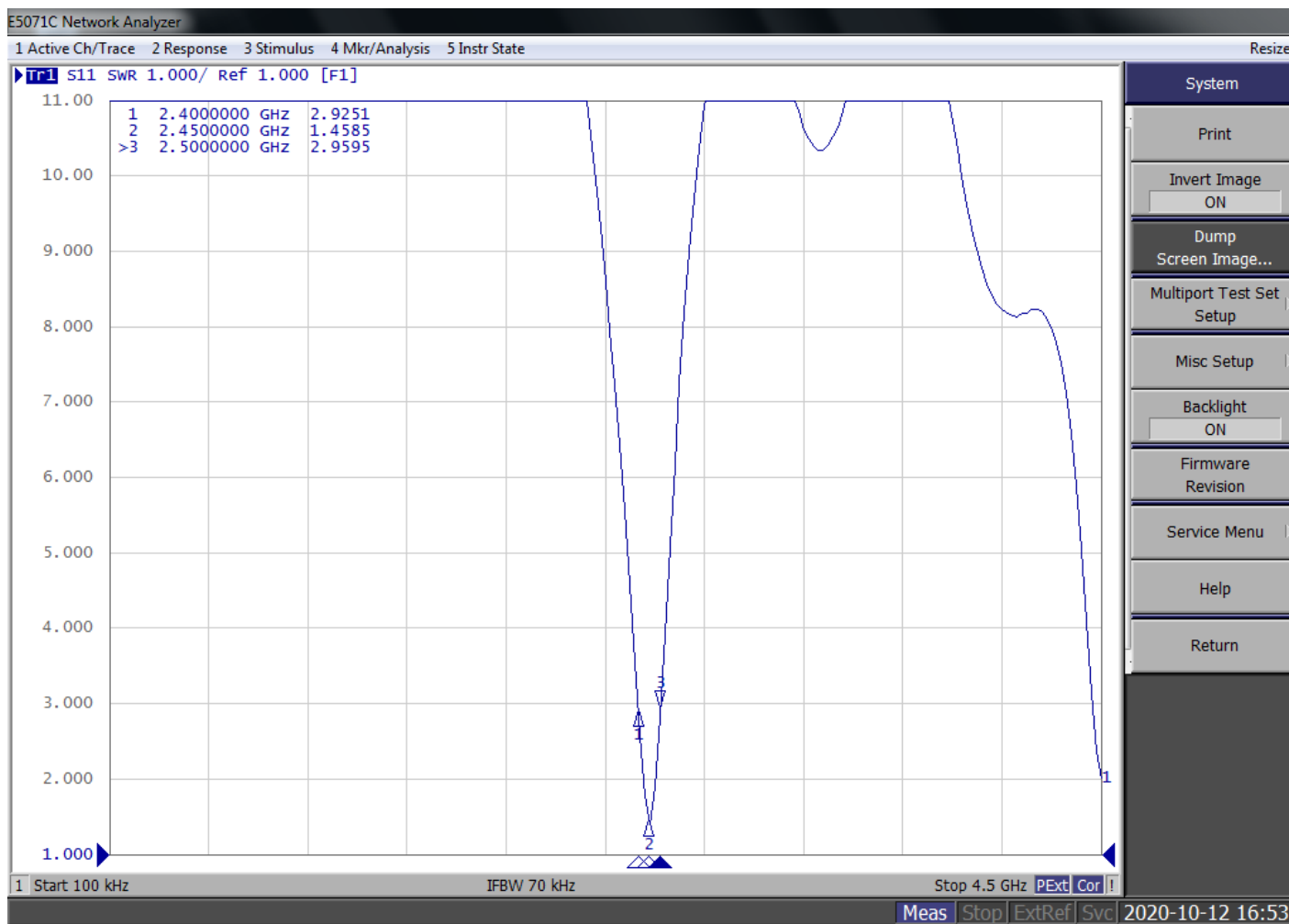
日期(Date)	版本 (Revision)	负责人(Author)	更改原因(Description of changes)

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	



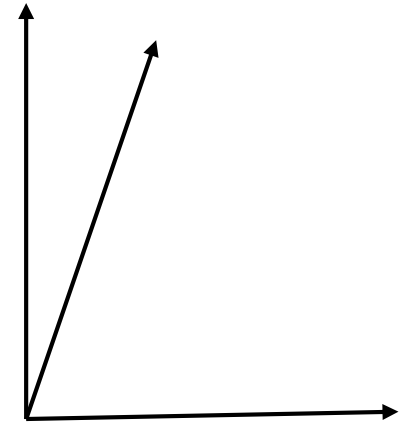
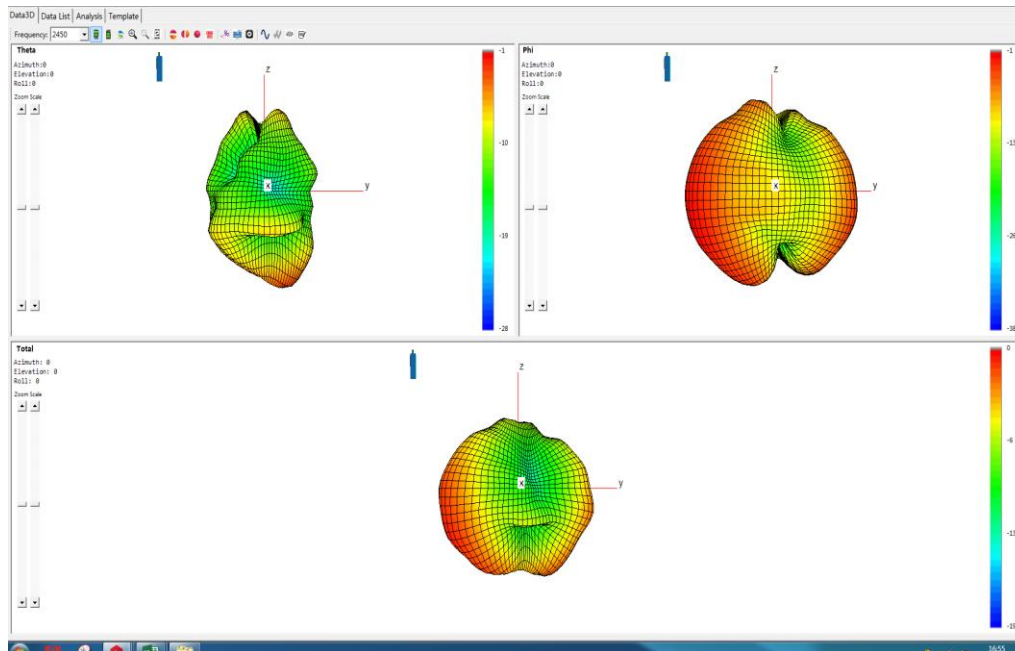
VSWR



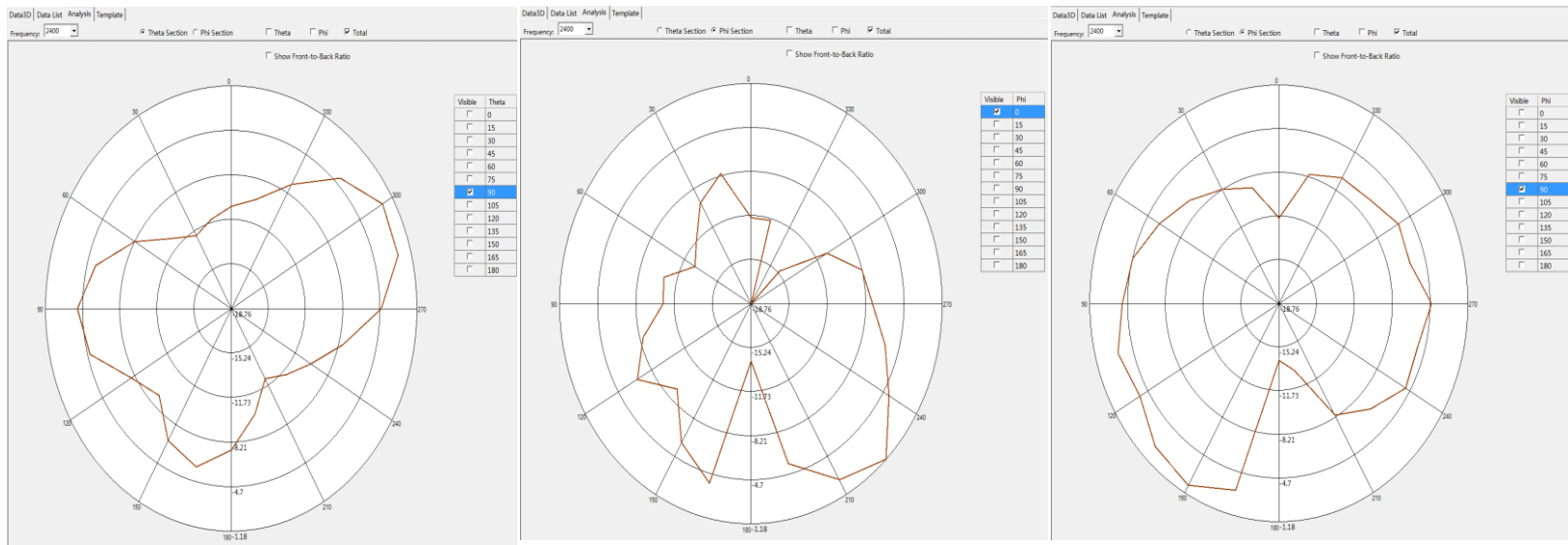
PASSIVE TEST（天线效率及增益）

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

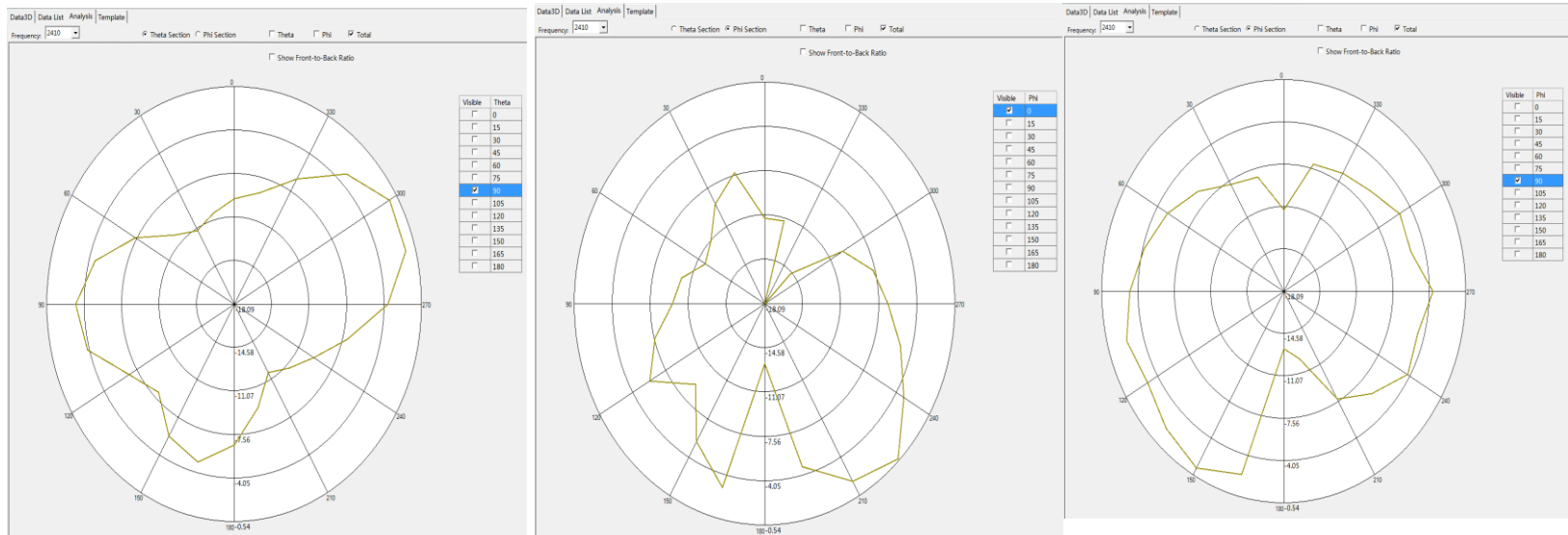
3D Antenna Radiation Pattern(2450MHz)



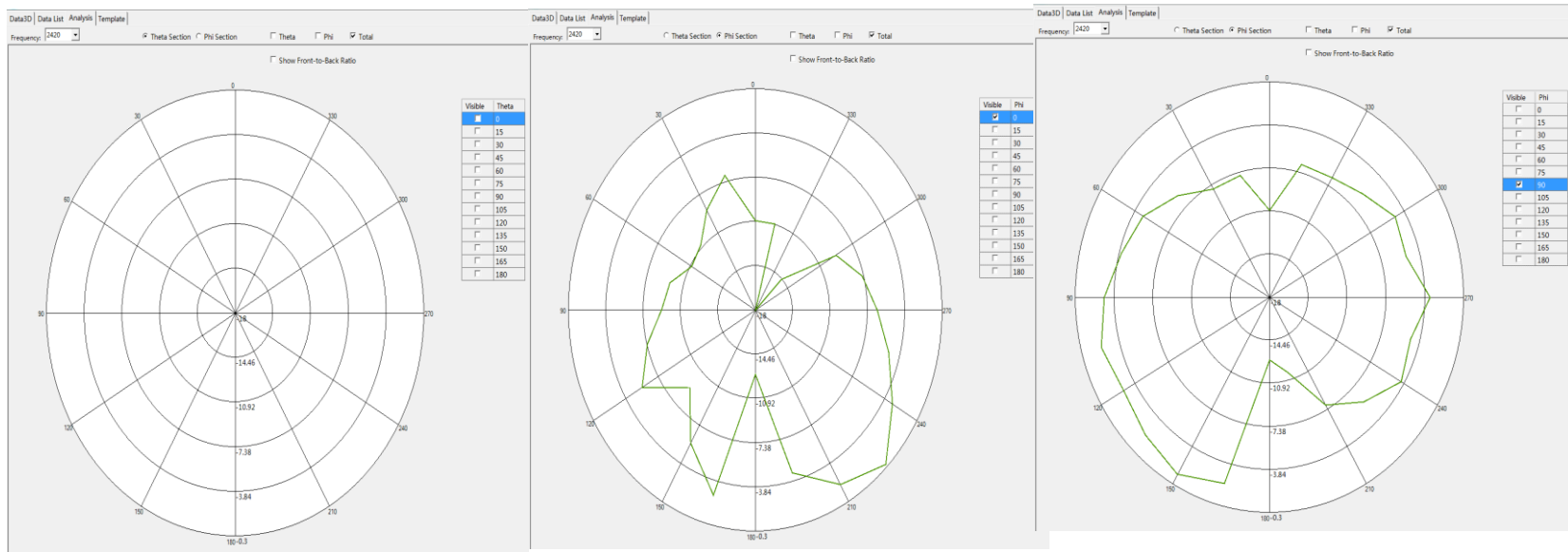
2D Antenna Radiation Pattern (2400MHz)



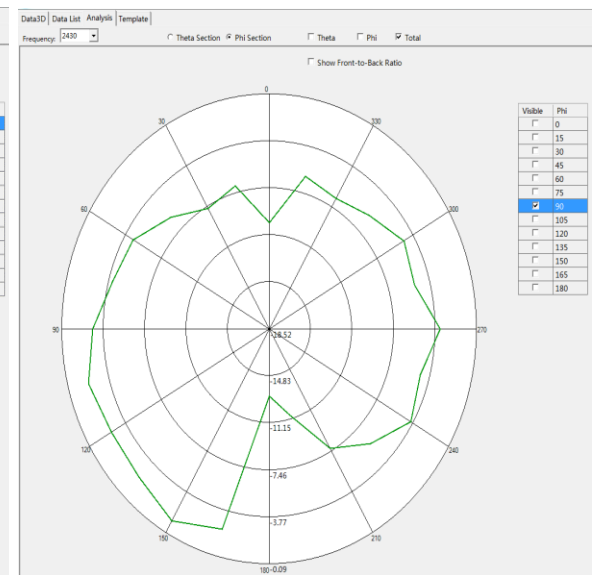
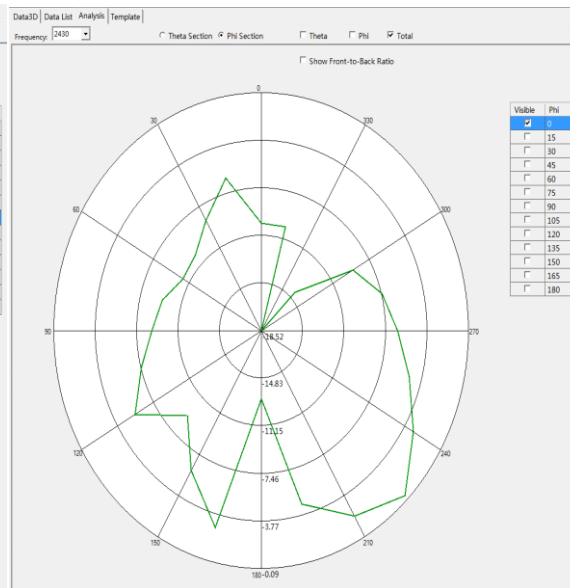
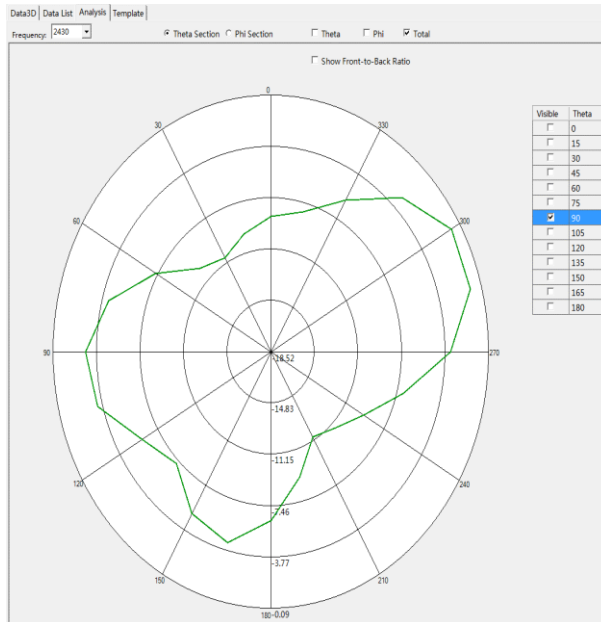
2D Antenna Radiation Pattern (2410MHz)



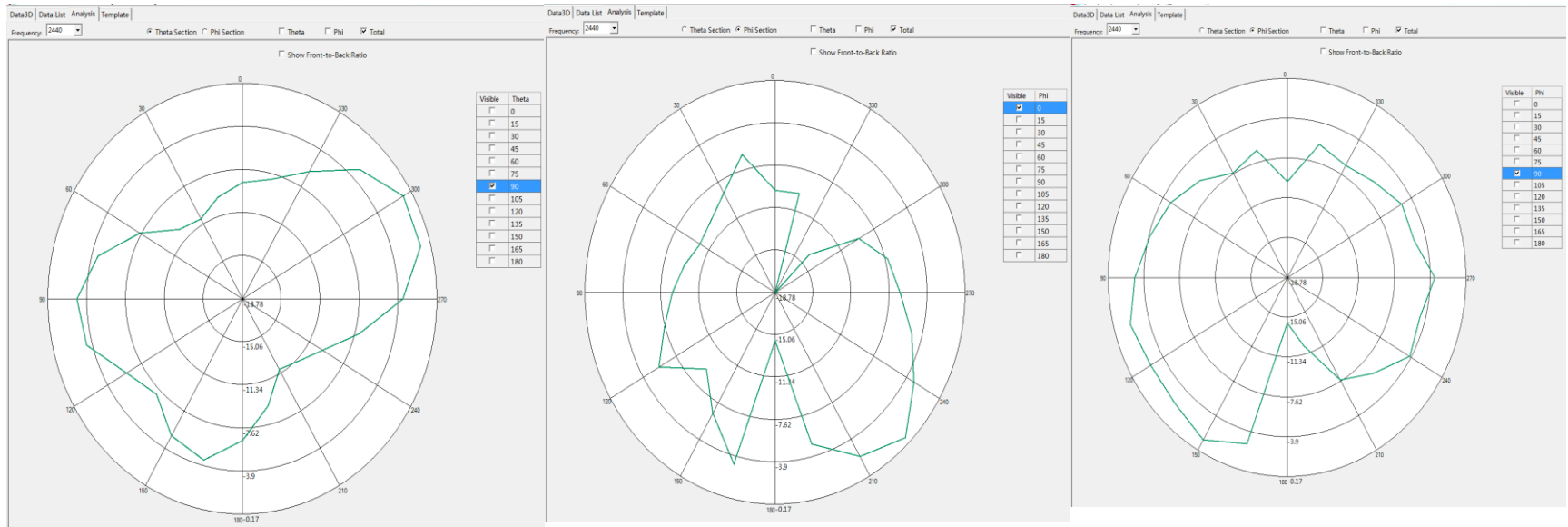
2D Antenna Radiation Pattern (2420MHz)



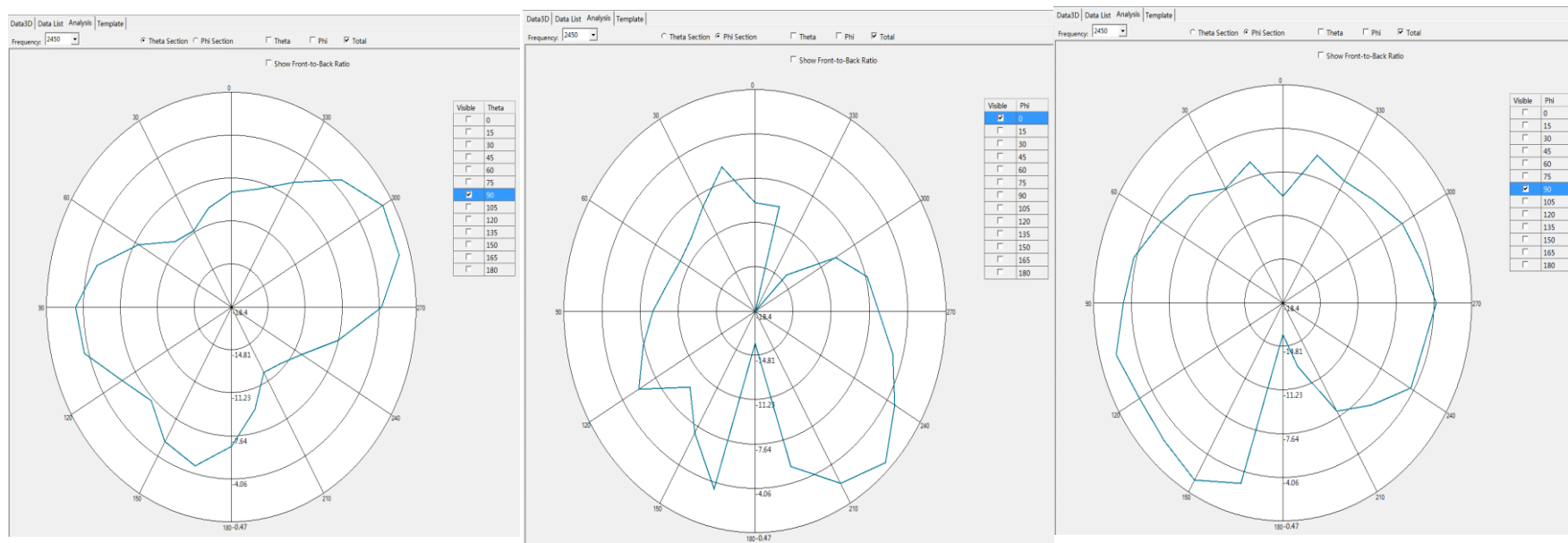
2D Antenna Radiation Pattern (2430MHz)



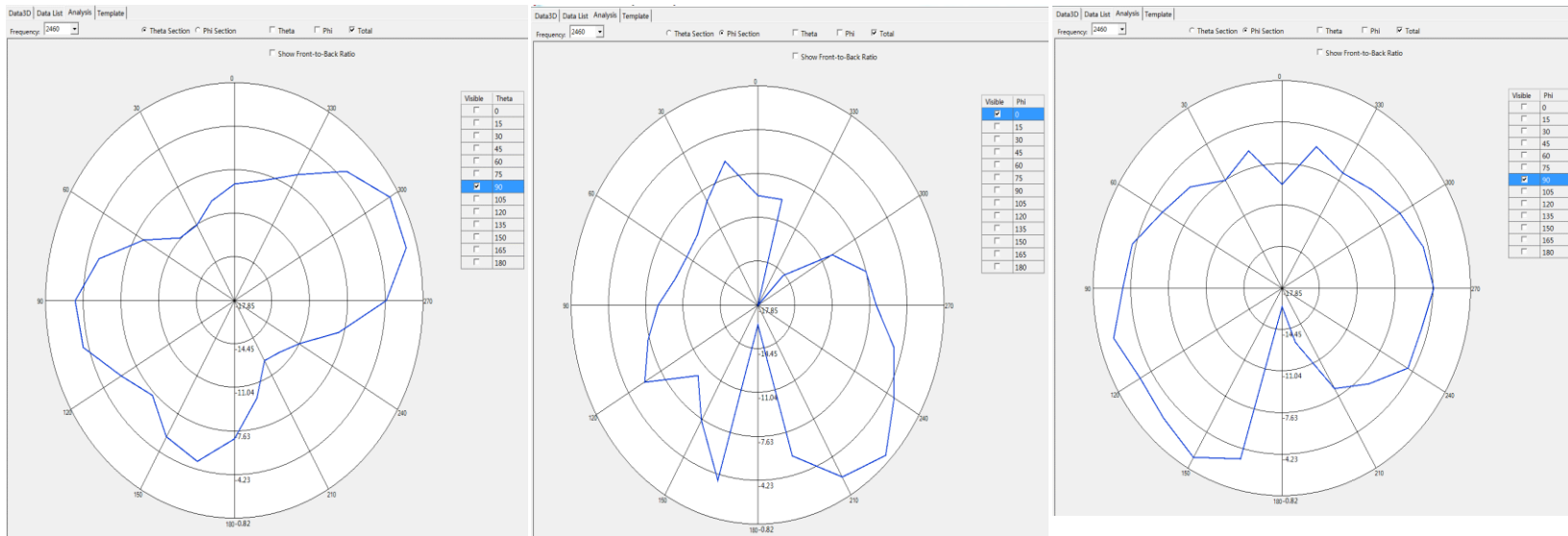
2D Antenna Radiation Pattern (2440MHz)



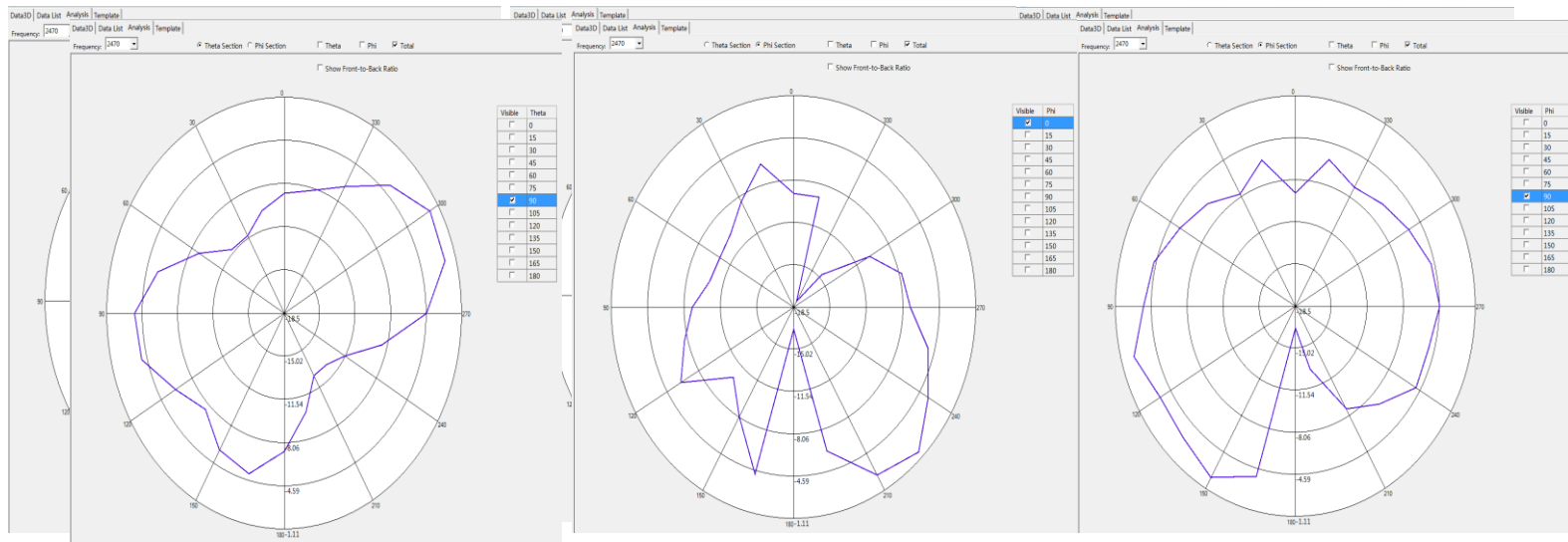
2D Antenna Radiation Pattern (2450MHz)



2D Antenna Radiation Pattern(2460MHz)



2D Antenna Radiation Pattern(2470MHz)



2D Antenna Radiation Pattern(2480MHz)

