

Antenna Test Report

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Project Name: MK16

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Update: 2021-06-16

项目概况

OverView

CUSTOMER NAME	华创恒达	PROJECT NAME	MK16
Items		Details	
• FREQUENCY		2400MHz-2500MHz	
• PROJECT TYPE			
• ANTENNA SPACE			
• FEED & GROUND PAD			
• SENSITIVE ELEMENTS			
• ANTENNA TYPE			
• PCB			
• OTHERS			

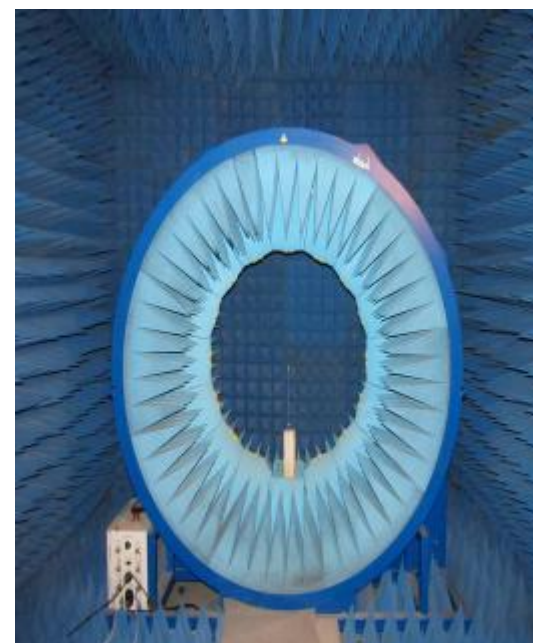
历史报告记录

Revision History

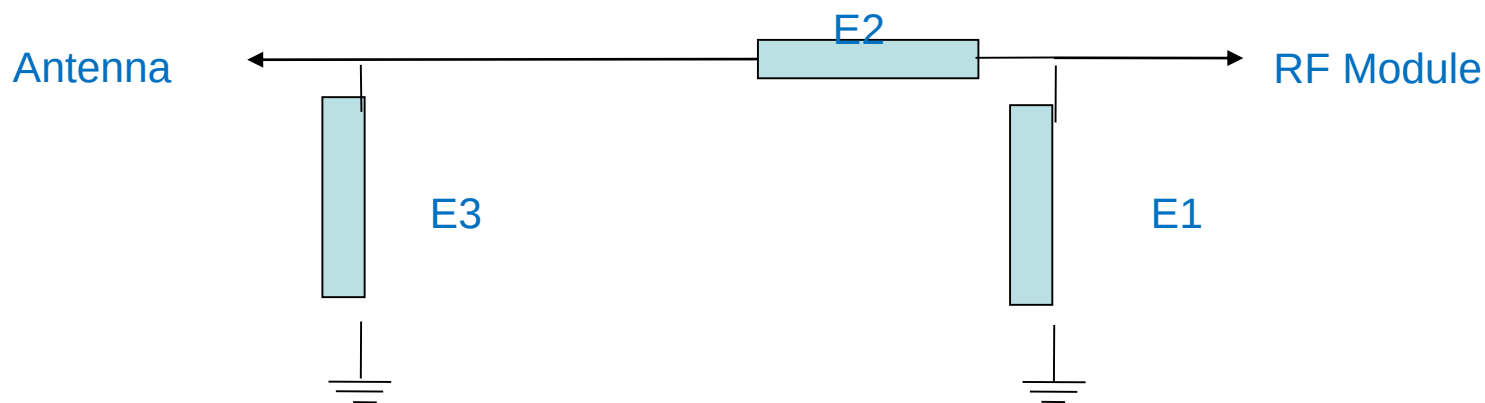
日期(Date)	版本 (Revision)	负责人(Author)	更改原因(Description of changes)

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	



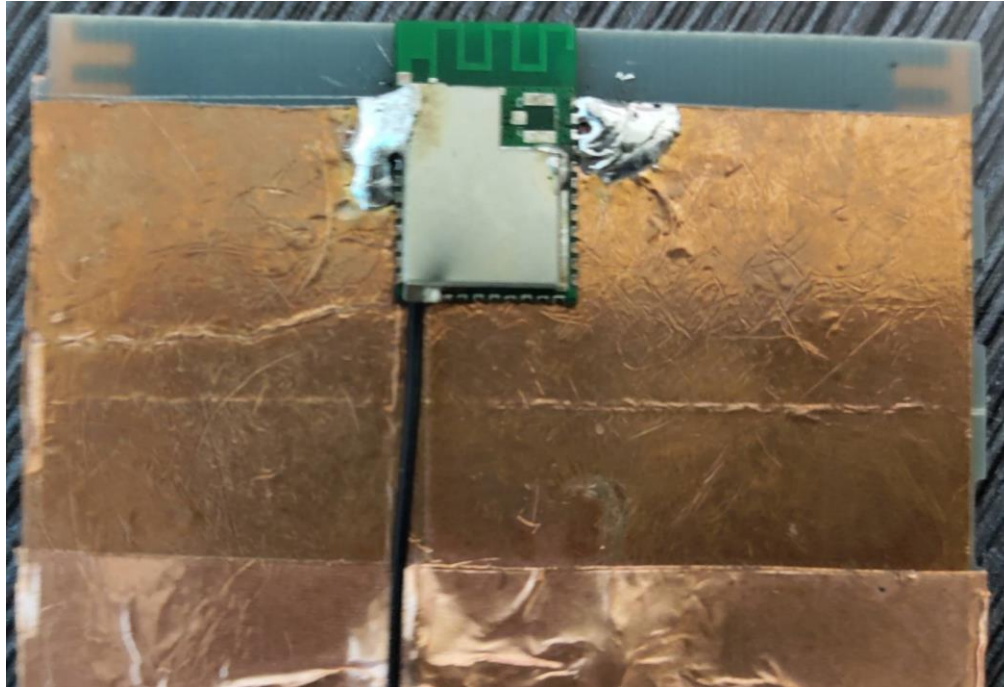
Matching Circuit



Element	Value
E1(0201)	1P
E2(0201)	3.9P
E3(0201)	4.3NH

2021/6/16

天线

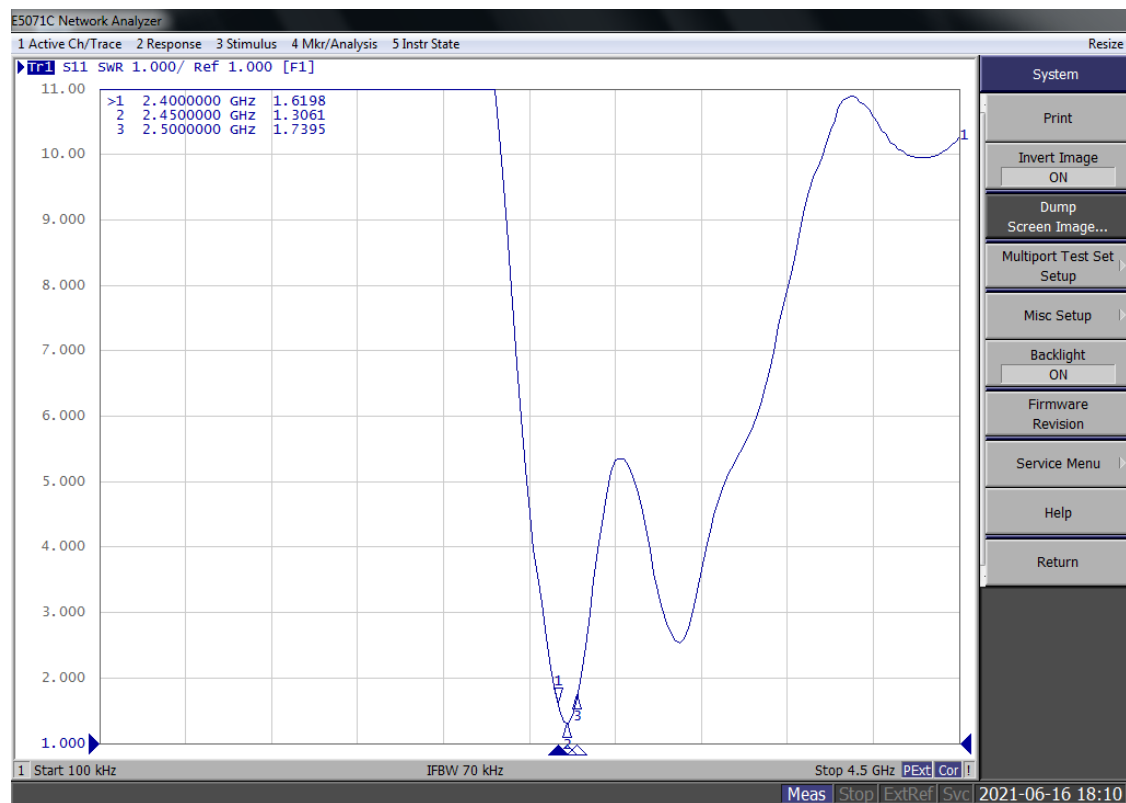


2021/6/16



Confidential Data

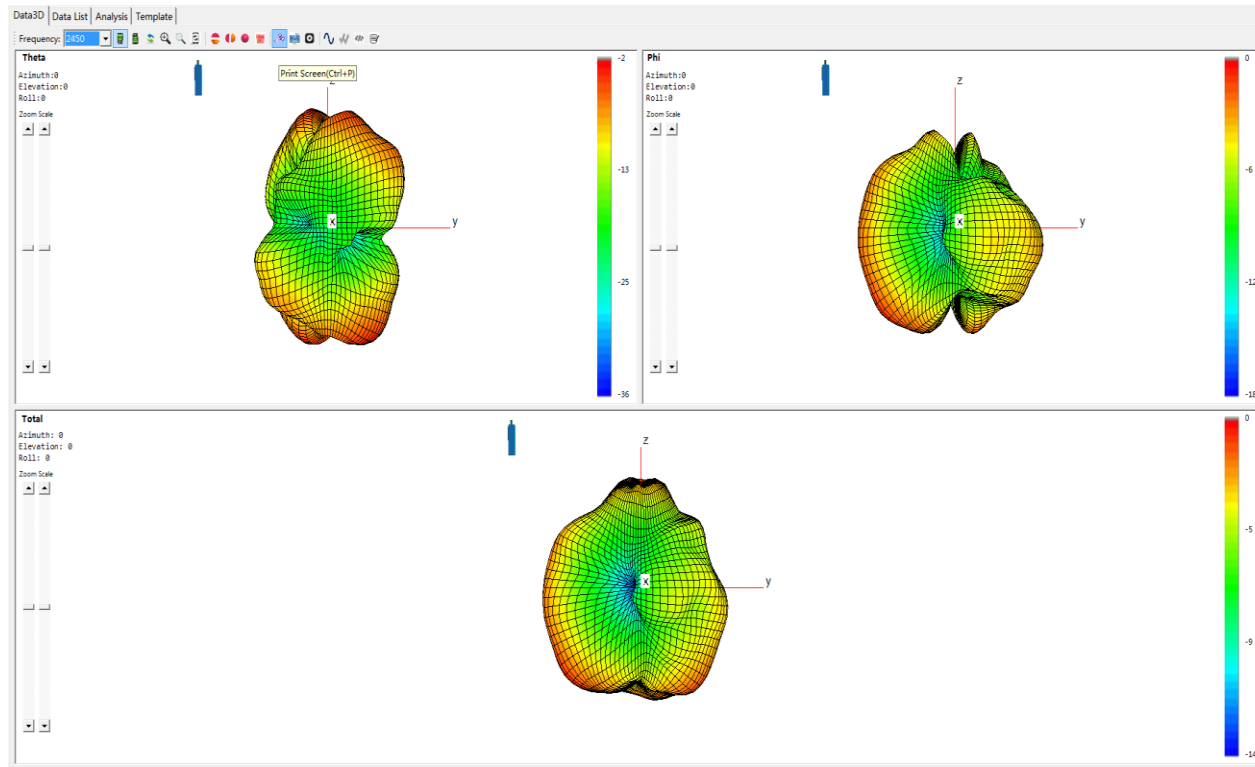
VSWR



PASSIVE TEST (天线效率及增益)

Freq (MHz)	Efficiency (%)	Gain (dBi)
2400	30.13	-1.09
2410	35.14	-0.47
2420	37.15	-0.34
2430	38.82	-0.10
2440	39.64	-0.04
2450	40.19	-0.14
2460	42.04	-0.12
2470	43.89	0.05
2480	44.03	0.19
2490	44.03	0.03
2500	44.49	0.29

3D Antenna Radiation Pattern(2450MHz)



2D Antenna Radiation Pattern (2450MHz)

