

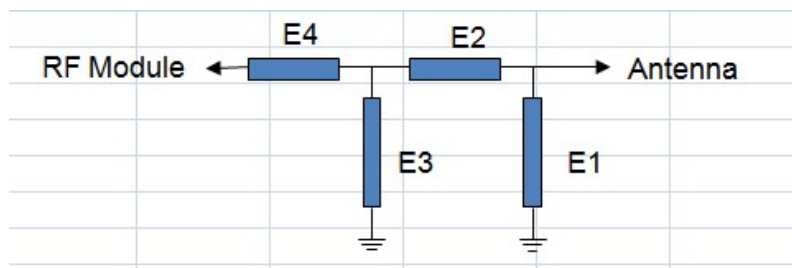
Antenna Test Report

Prjct Name	ER307UWB	Test by	Zhou Xiaoling	Date	26-06-20
Project Stage					
Instruments	5071C/CMW500	测试暗室	ETS		
备注					

1.匹配电路

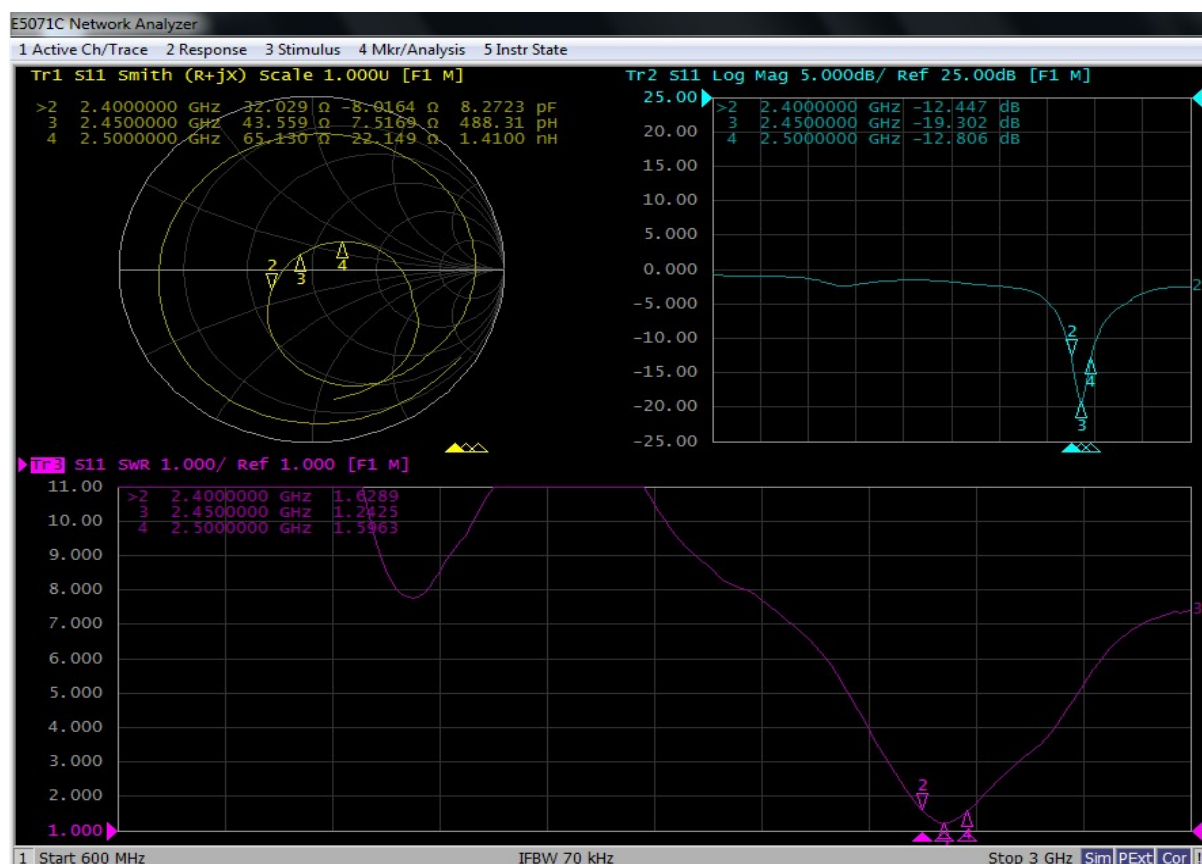
Matching circuit

匹配电路	
Element	MAIN
E1	NC
E2	3pF
E3	0.8pF
E4	0.8nH



VSWR/Return Loss/Impedance Test Results

2.S11 驻波比 /回波损耗/阻抗测试结果



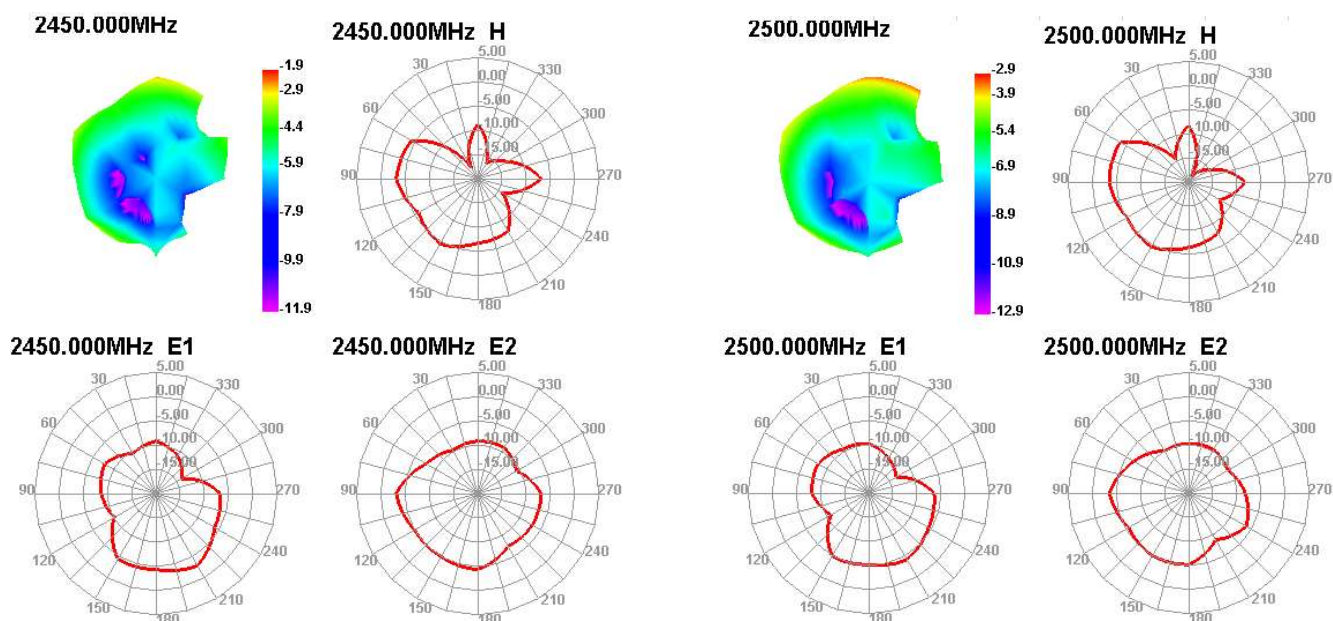
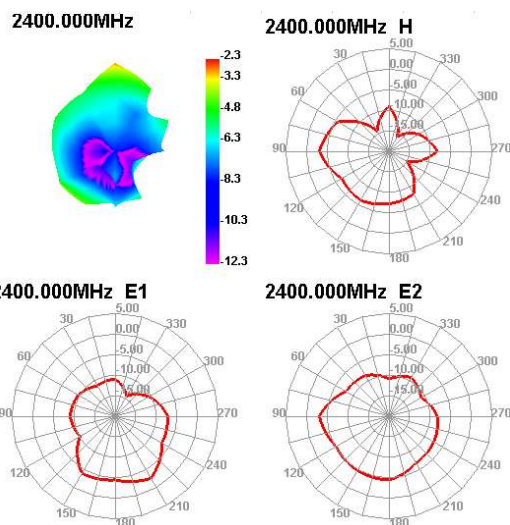
3.天线实际测试数据

Actual Antenna Test Data

3.1)无源效率/增益/方向图

3.1) Passive Efficiency/Gain/Radiation Pattern

Freq (MHz)	Effi (%)	Gain (dBi)
2400	17.15	-2.35
2410	17.26	-2.36
2420	17.61	-2.37
2430	18.43	-2.08
2440	19.18	-1.78
2450	19.12	-1.88
2460	18.06	-2.22
2470	18.02	-2.34
2480	19.03	-2.43
2490	19.15	-2.51
2500	18.38	-2.86

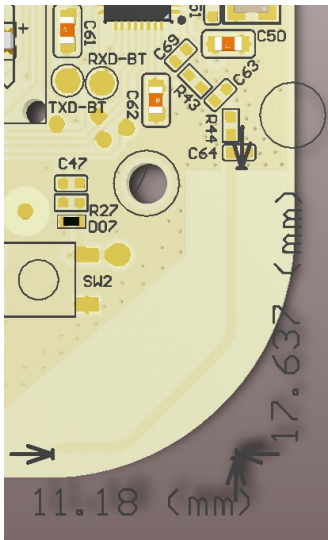


3.2)有源数据测试报告

Test Result	Bluetooth TRP		
	0	19	39
Frequency (MHz)	2402	2440	2478
TRP (dBm)	-0.37	-0.66	-1.22
Test Result	Bluetooth TIS		
	0	19	39
Frequency (MHz)	2402	2440	2478
TIS (dBm)	-84.05	-85.78	-85.12

Antenna Dimension Drawing

4. 天线尺寸图



Antenna Manufacturer and Address

5. 天线制造商及地址

manufacturer (PCB)						
鹤山市润昌电子电器有限公司						
Heshan Runchang Electronic Electric Appliances Co.,Ltd.						
address						
鹤山市鹤城镇工业开发一区						
Industrial Development Zone 1, Hecheng Town, Heshan City, Guangdong Province, China						