

Antenna test report

customs

时信

Project

UHOO

RF Engineer

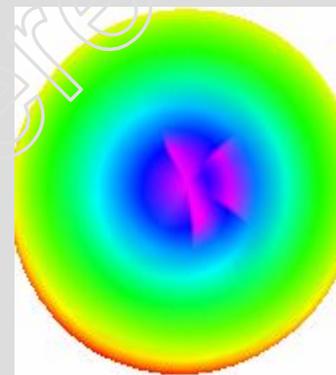
曾祥好

frequency

WIFI

date

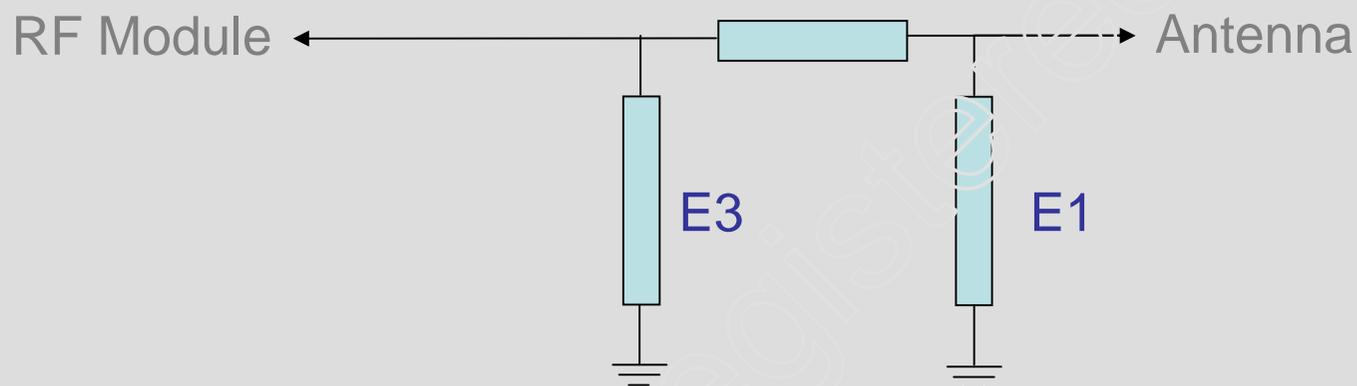
2015-3-19



目录

- 1、匹配电路
- 2、环境处理
- 3、测试数据

匹配电路



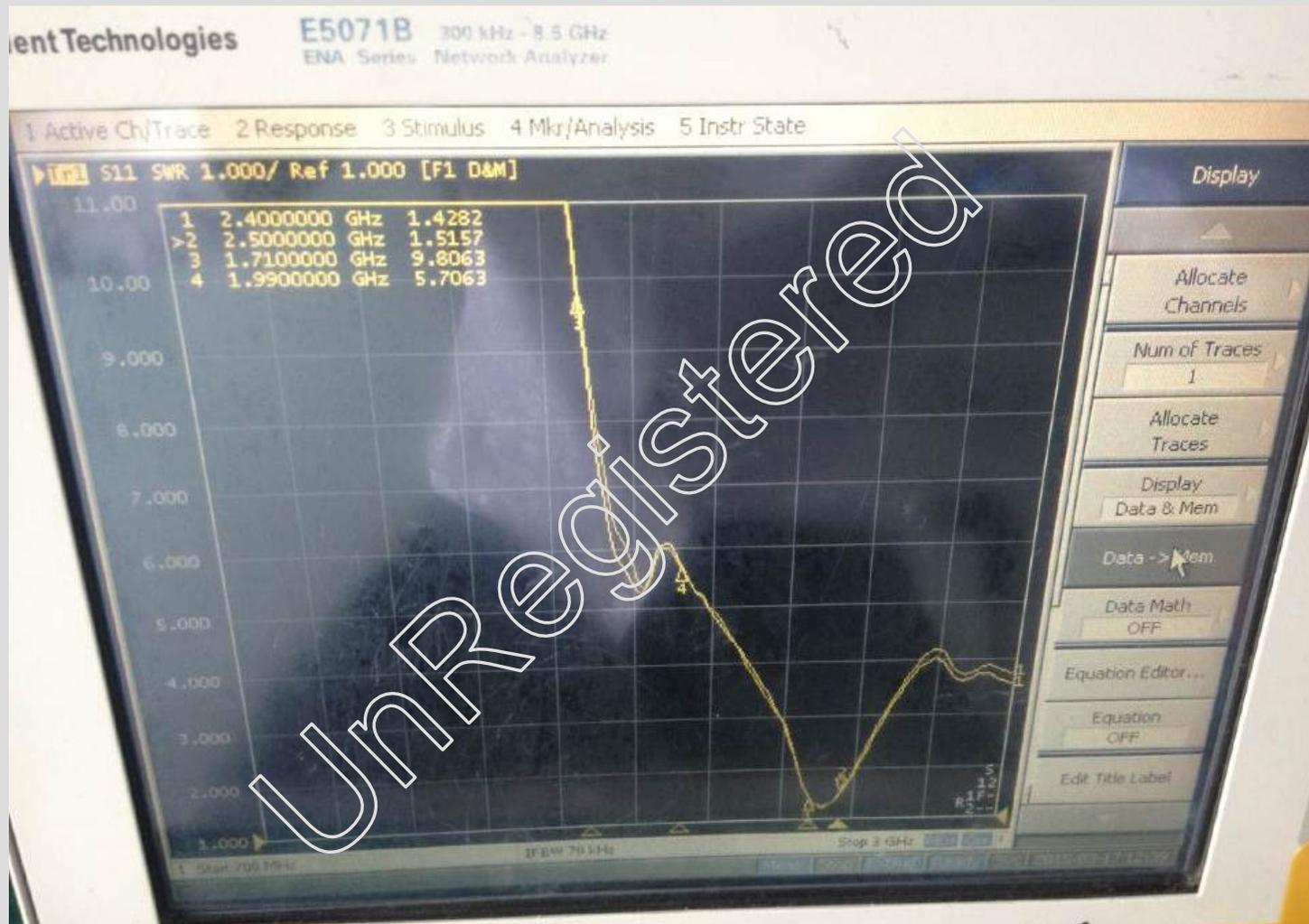
Element	Value
E1(0402)	N/A
E2(0402)	0Ω
E3(0402)	N/A

原匹配电路未做修改

PASSIVE:

Passive Test For 2.21-2.8G								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	60.04	-2.22	2.98	0.83	2.98	-19.19	52.53	52.71
2410	65.34	-1.85	3.24	1.09	3.24	-17.28	52.9	53.22
2420	57.89	-2.37	2.57	0.42	2.57	-17.46	52.44	52.8
2430	58.83	-2.3	2.44	0.29	2.44	-16.79	52.6	52.96
2440	64.48	-1.91	2.57	0.42	2.57	-15.48	53.02	53.47
2450	65.72	-1.82	2.38	0.23	2.38	-14.56	53.12	53.58
2460	68.89	-1.62	2.36	0.21	2.36	-14.02	53.33	53.77
2470	67.12	-1.73	2.19	0.04	2.19	-13.57	53.31	53.66
2480	62.49	-2.04	1.92	-0.17	1.98	-14.62	53.16	53.48
2490	66.03	-1.8	2.18	0.03	2.18	-14.54	53.32	53.71
2500	70.62	-1.51	2.51	0.36	2.51	-14.53	53.44	53.78
2510	65.52	-1.84	2.17	0.02	2.17	-14.21	53.24	53.51
2520	58.7	-2.31	1.69	-0.46	1.69	-13.83	53.15	53.33
2530	60.77	-2.16	1.75	-0.4	1.75	-12.76	53.3	53.48
2540	64.15	-1.93	1.94	-0.21	1.94	-12.78	53.31	53.42
2550	64.06	-1.93	1.86	-0.29	1.86	-13.13	53.34	53.33

VAWR:



SMITH:

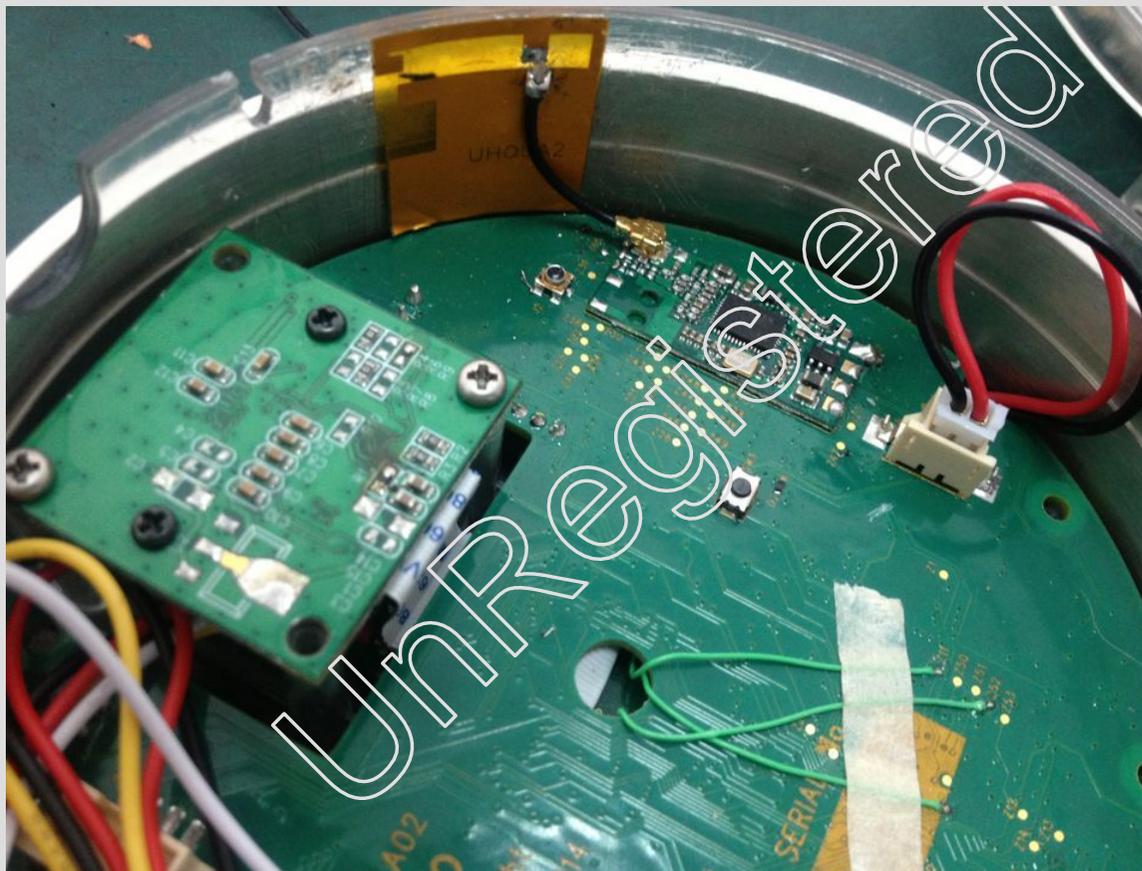


PASSIVE:

Efficiency/Gain

BAND	WIFI		
	2400	2450	2500
Freq.[MHZ]	2400	2450	2500
Eff.[%]	60	65	66
Gain [dBi]	2.98	2.38	2.51

天线组装图



谢谢

