

天线测试报告 Antenna test report

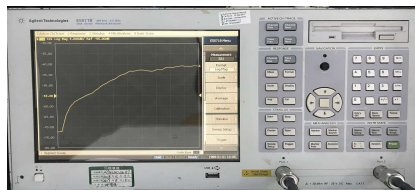
客户 client: ZOBELE INSTRUMENT (Shenzhen) Co., LTD
项目 Project: BOLDHUE
类型 type: Differentiated project
日期 date: 2024/07/08
版本 version: v2

APPROVAL	CHECK	DESIGN
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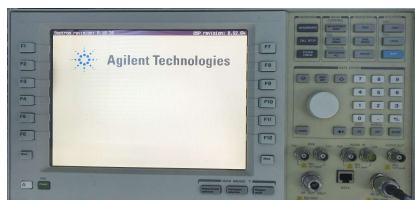
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- 一. 项目简介
 - 二. 实验室测试环境及设备
 - 三. 技术指标
 - 四. 相关参数数据
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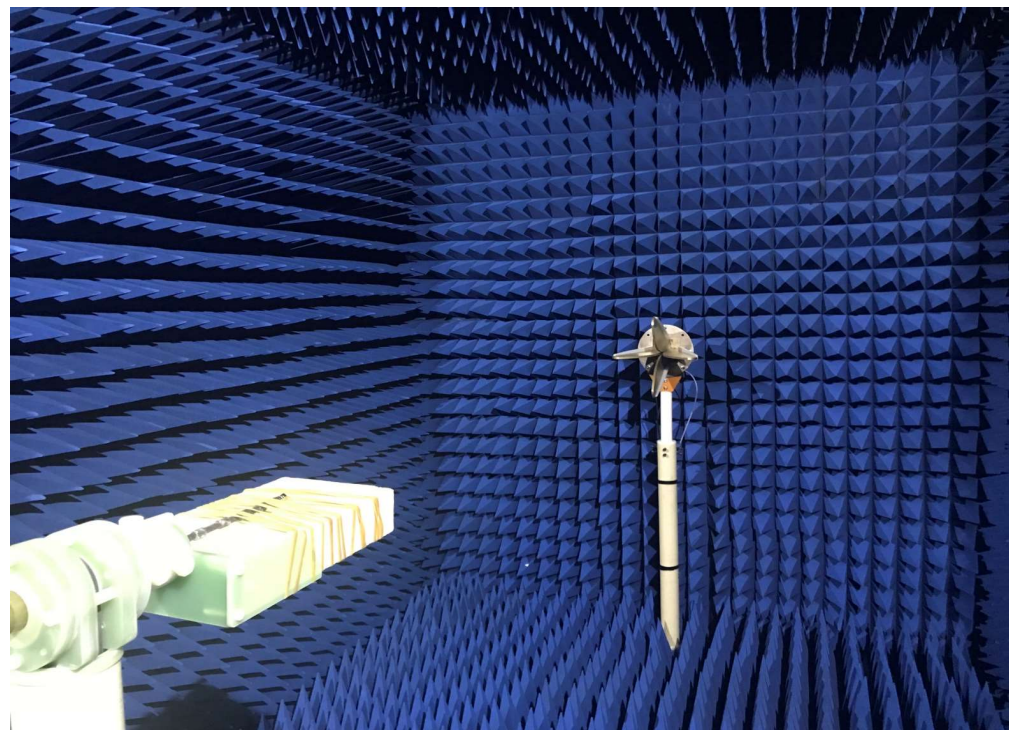
CMW500



E5071B



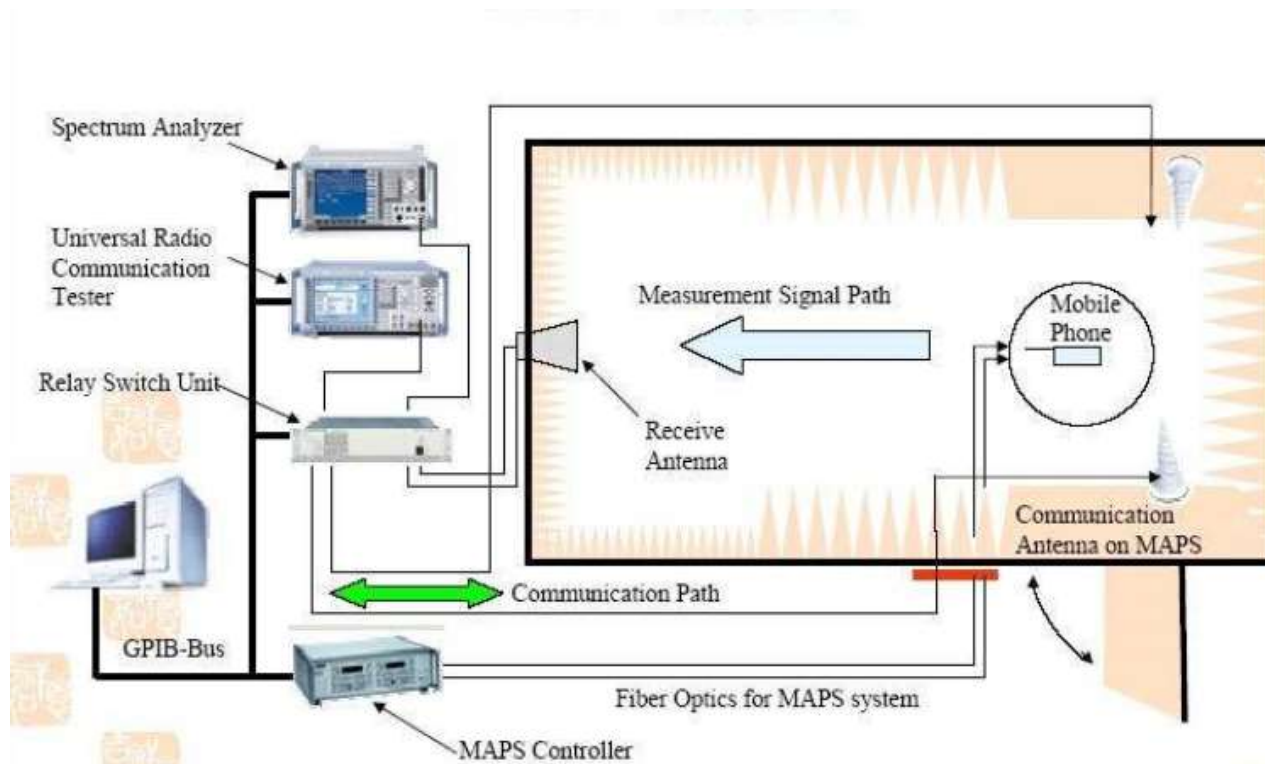
Agilent 8960



测试项目 (Test Project) : S11、S12 、VSWR 、Efficiency、Gain 3D Radiation Pattern 、TRP、TIS

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成就地球连接
Achieve Earth Connection



整机类型 Machine type	WiFi		
		频段信息 Frequency band information	测试项目 Test item
天线种类及频段信息 Antenna type and frequency band information	WiFi天线 WiFi antenna	2400-2500MHz	无源数据 Passive data
天线材质、类型 Antenna material, type	板载 onboard		

天线厂家 Antenna manufacturer	深圳有力科技有限公司 地址：深圳南山区高新中一道万和医药A座1楼 Shenzhen powerful technology Co., LTDAddress: 1 / F, Building A, Wanhe Medicine, Nanshan District, Shenzhen
天线规格 Antenna specification	26*12MM板载天线:YL1662-WIFI 26*12MM onboard antenna :YL1662-WIFI
天线类型 Antenna type	板载 单极天线 Onboard unipolar antenna
天线增益 Antenna gain	1.06dBi





#1



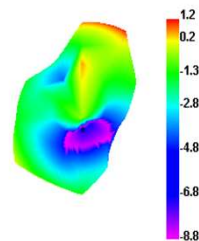
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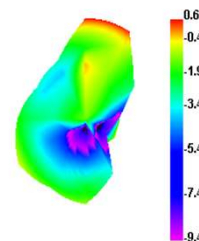
#1.无源效率/增益

#1		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	50.4	1.21
2405	50.7	1.28
2410	49.14	1.13
2415	47.65	0.96
2420	47.81	0.96
2425	47.11	0.88
2430	42.78	0.48
2435	41.68	0.35
2440	43.55	0.53
2445	43.08	0.54
2450	42.69	0.62
2455	42.4	0.67
2460	43.7	0.87
2465	45.06	1.06
2470	43.41	1
2475	42.83	0.93
2480	43.38	0.93
2485	43.77	0.94
2490	42.75	0.88
2495	38.75	0.51
2500	39.61	0.59

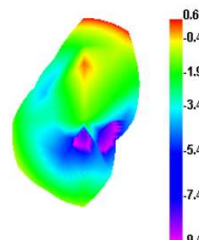
2400.000MHz



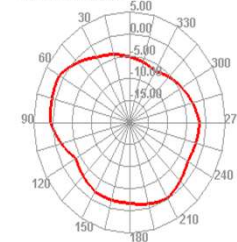
2450.000MHz



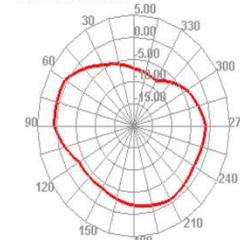
2500.000MHz



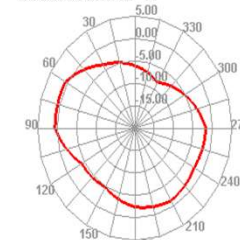
2400.000MHz H



2450.000MHz H



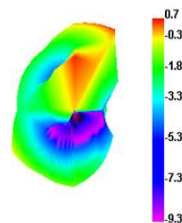
2500.000MHz H



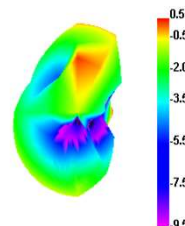
#2.无源效率/增益

#2		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	46.82	0.73
2405	47.91	0.76
2410	46.58	0.67
2415	44.84	0.52
2420	45.22	0.57
2425	45.34	0.57
2430	41.46	0.31
2435	39.97	0.3
2440	41.8	0.53
2445	41.63	0.56
2450	41.35	0.54
2455	41.09	0.5
2460	42.28	0.59
2465	43.71	0.83
2470	42.39	0.78
2475	41.91	0.8
2480	42.22	0.88
2485	42.63	0.95
2490	42.27	0.97
2495	38.11	0.67
2500	38.26	0.75

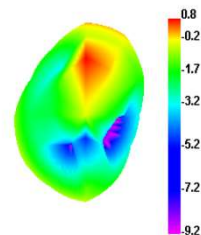
2400.000MHz



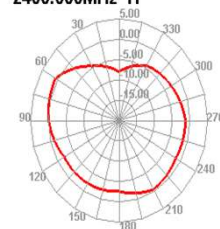
2450.000MHz



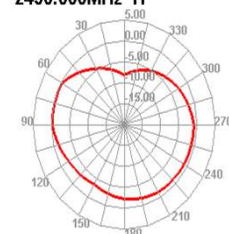
2500.000MHz



2400.000MHz H



2450.000MHz H



2500.000MHz H

