



河源市迅维通讯技术有限公司
Heyuan Xunwei Communication Technology Co., Ltd

Model:RE826

Onboard WiFi Antenna datasheet Report

RF: Li

测试日期 **date of observation** : 2025.01.03

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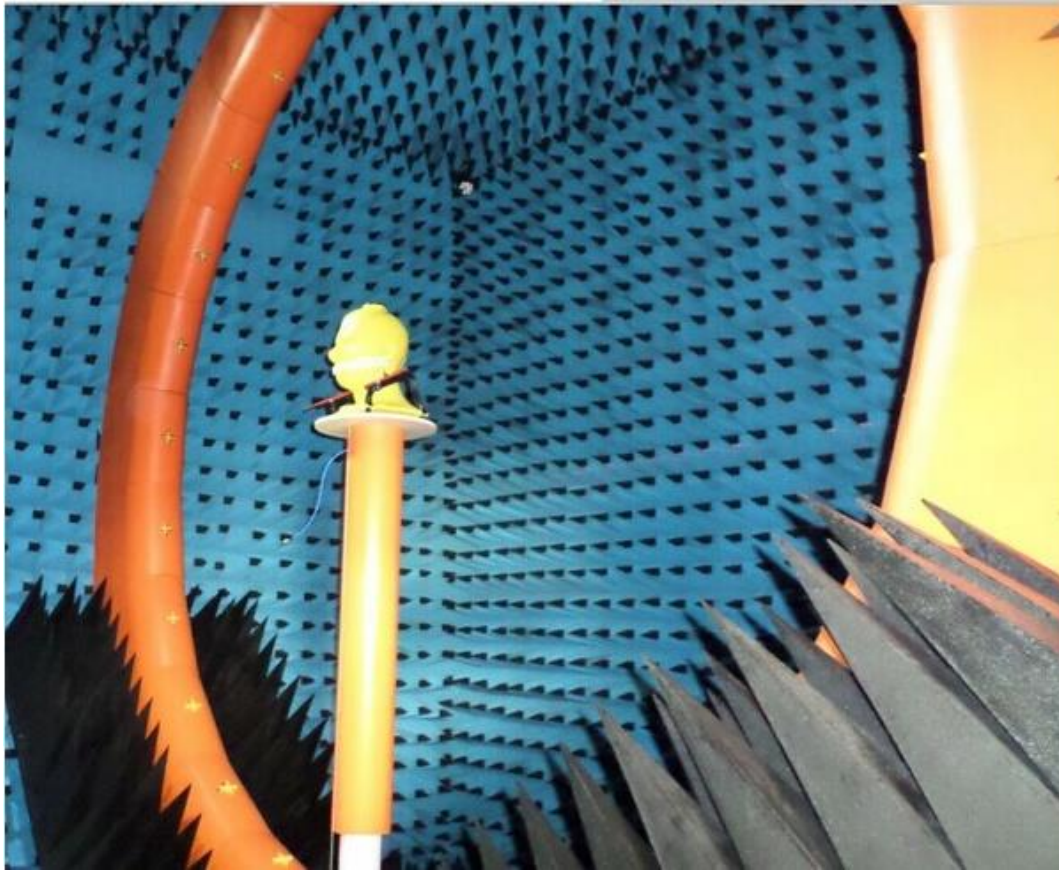
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1、测试设备 **Test equipment**

综测仪 **Integrated measuring instrument** : CMW500

网络分析仪 **network analyzer** : Agilent 5071B

3D暗室 **3D darkroom** : SATIMO SG24



2、项目基本信息Basic project information

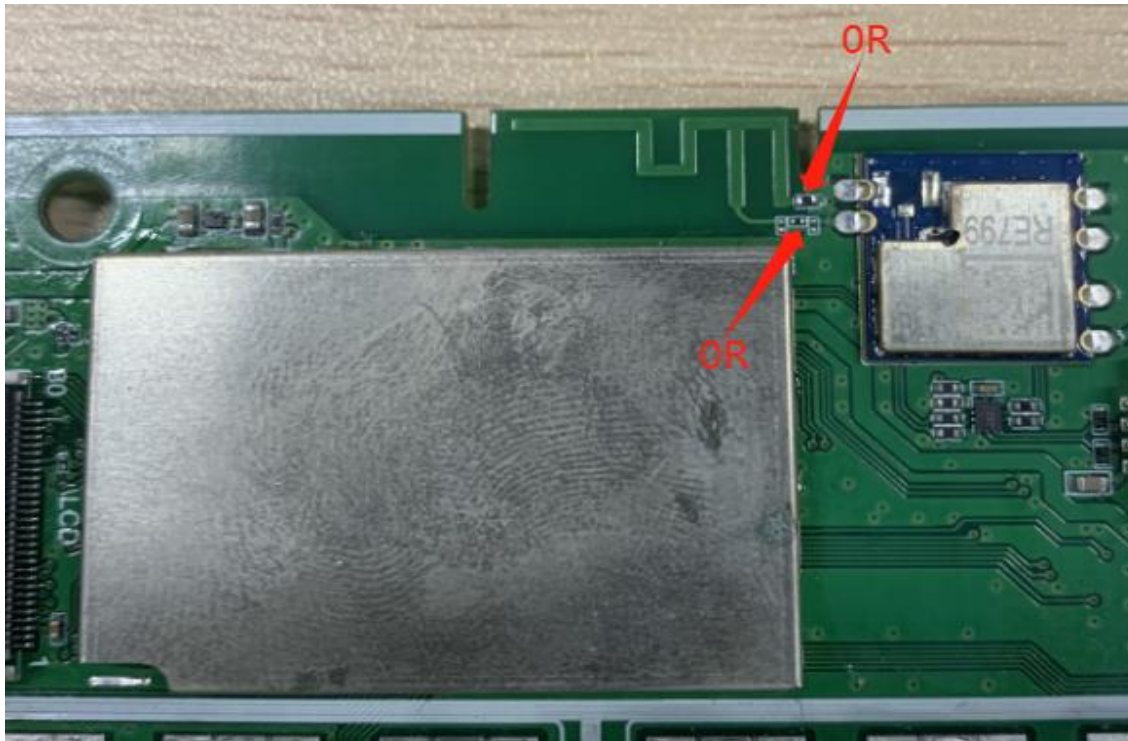
客户名称Customer Name	Water world
项目名称entry name	RE826
机器类型Machine type	板载WIFI Onboard WIFI
版本version	V1.2

3、项目变更记录表Project Change Record Form

[illegible]

4、天线匹配电路Antenna matching circuit

天线名称 Antenna name	匹配是否更改 Match whether to change	备注 notes
板载WIFI Onboard WIFI	否NO	



5、有源测试数据Active test data

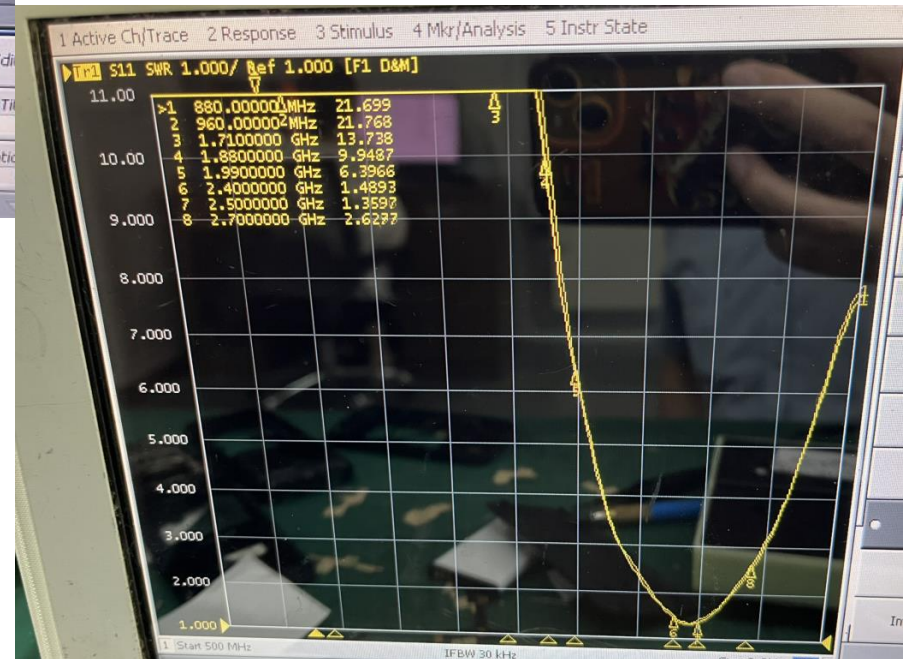
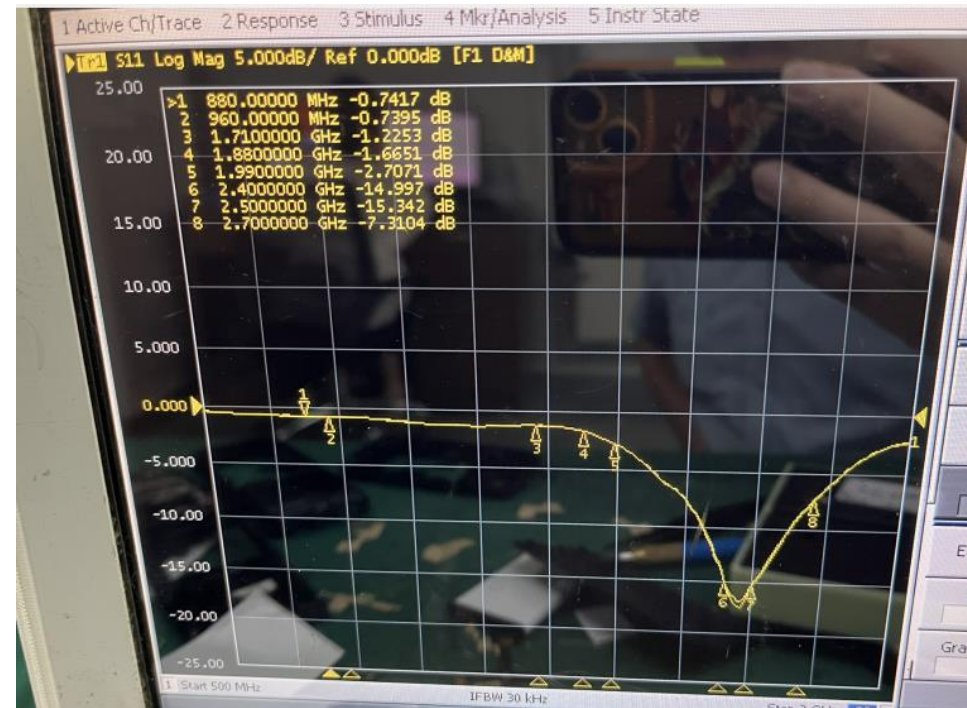
Band	Channel	TRP	TIS
WIFI-B (11M)	1	17.38	-82
	7	17.34	-83.64
	13	17.8	-82.88

6、无源测试数据Passive test data

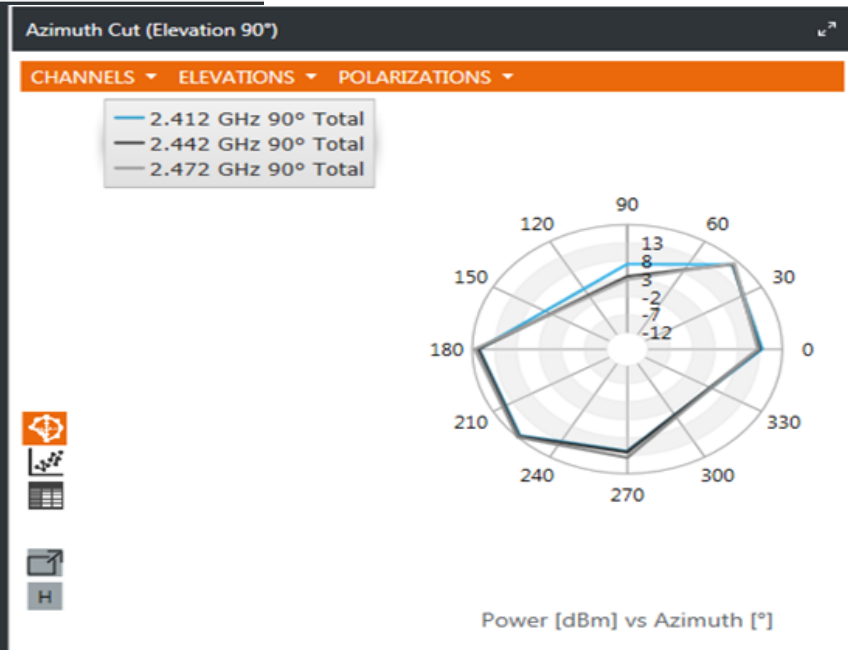
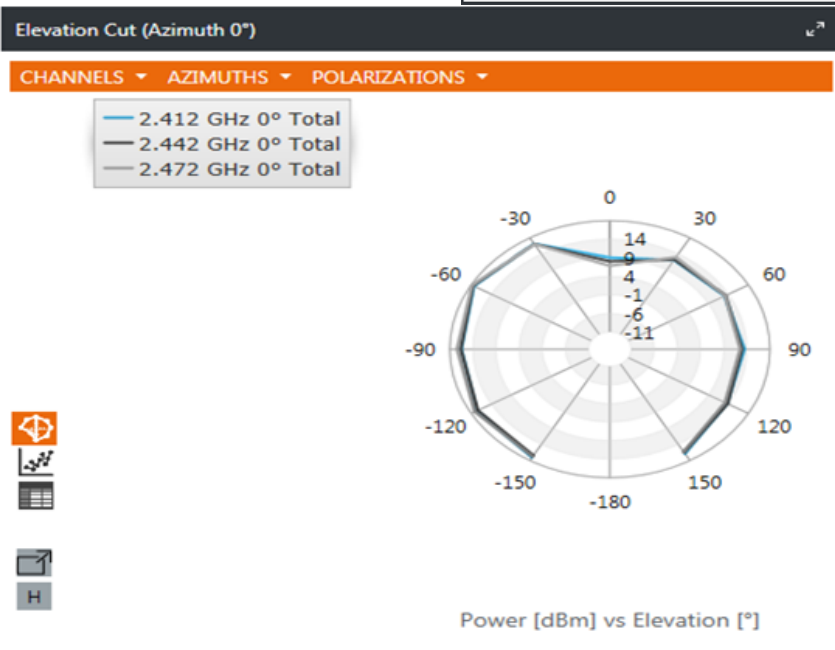
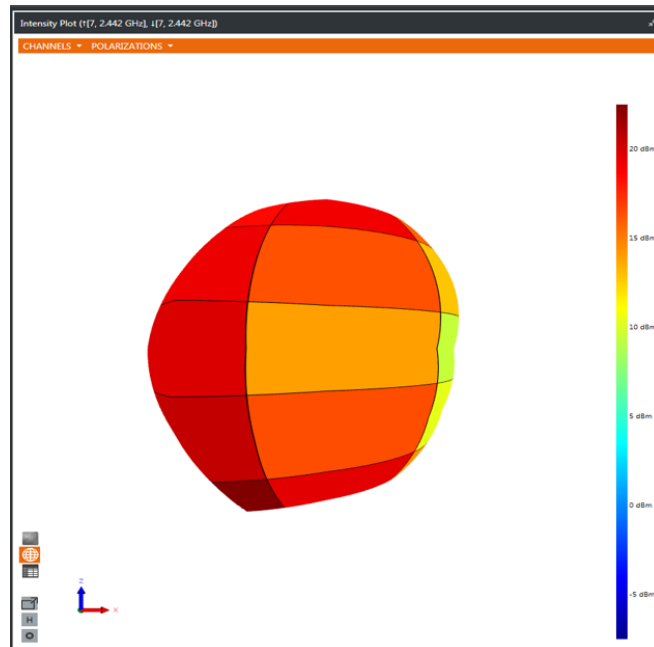
Passive Test For 2.4G效率/增益		
Frequency(MHZ)	Efficiency (%)	Gain(dBi)
2400	53%	1.72
2410	52%	1.71
2420	53%	1.68
2430	52%	1.73
2440	54%	1.78
2450	54%	1.73
2460	54%	1.78
2470	56%	1.74
2480	57%	1.80
2490	56%	1.72
2500	54%	1.75

7、驻波图（回波损耗及电压驻波比）

Standing wave diagram (return loss and voltage standing wave ratio)



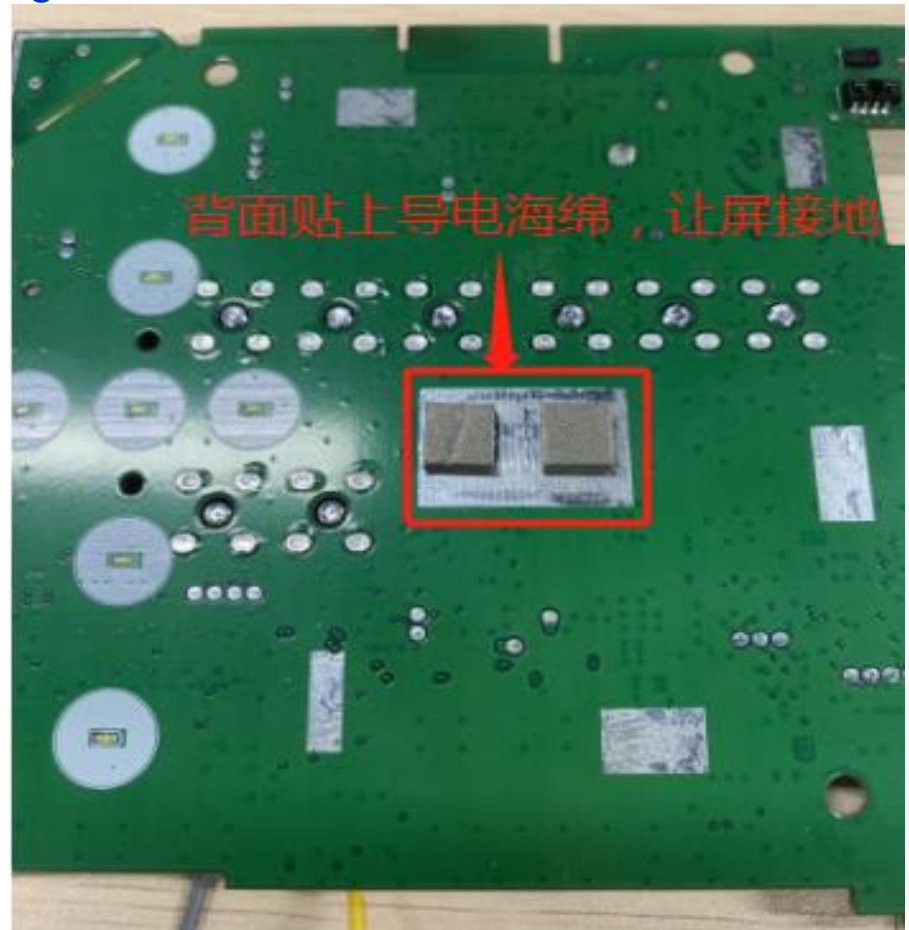
8、苹果图/方向图 Apple Diagram/Directional Diagram



9、环境处理及天线改善建议 Suggestions for environmental treatment and antenna improvement



Attach conductive sponge on the back to ground the screen





Thanks and best regards!

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