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深圳顺达成科技有限公司

Antenna Test Report



客户名称：志和兴

项目名称：EID-1001A-A537

频段：WiFi 2.4/5.8

版本：A

制作日期：2026-6-5

Manufacturer: Shenzhen Shunchengda Technology Co., Ltd.

Address: No. 401, Xinfu Industrial Park, Qingchun Road, Fuhai Street, Bao'an District, Shenzhen City



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1. Test system

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW2 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

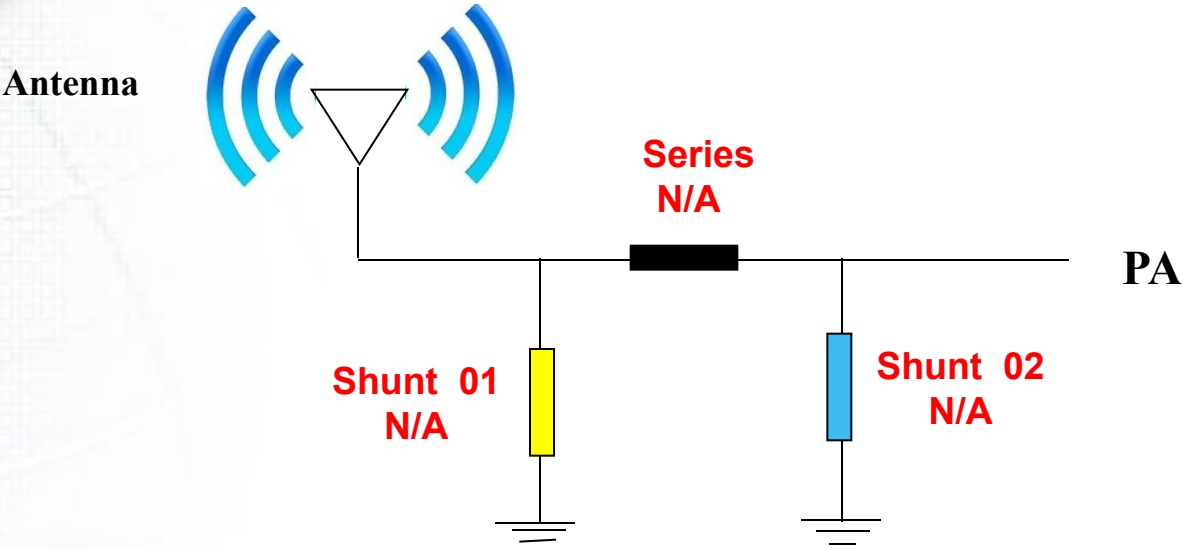




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2. Antenna Matching Network



Location	Description	Vendor
Shunt 01	N/A	N/A
Series	N/A	N/A
Shunt 02	N/A	N/A

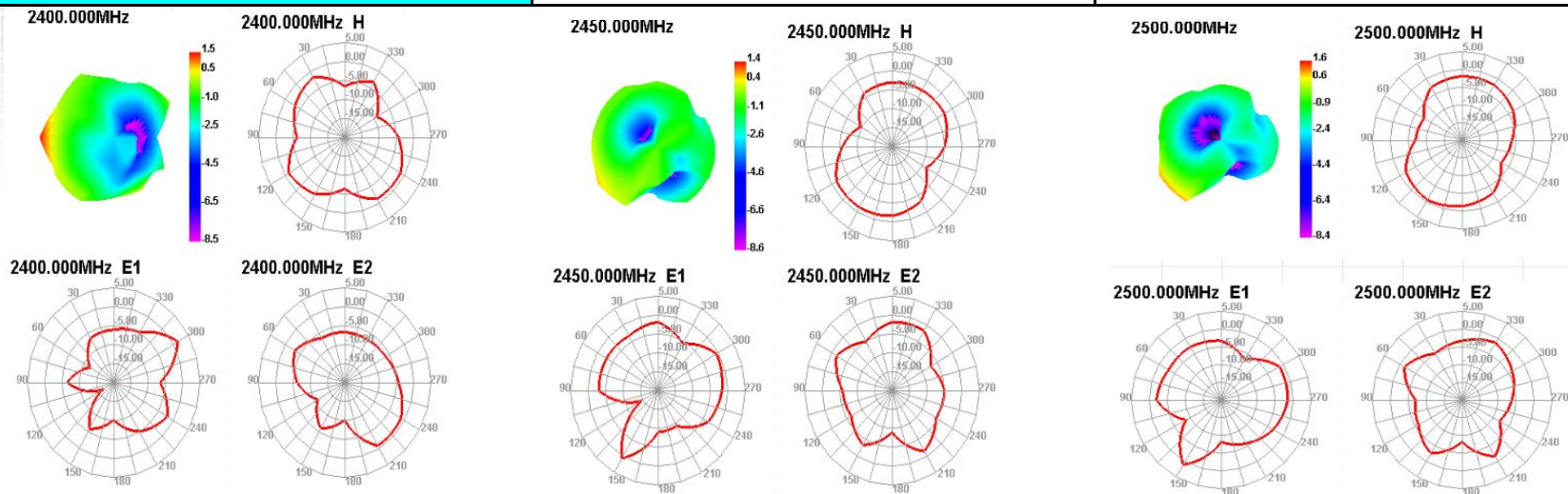
未改动主板
匹配电路



Gain & Efficiency

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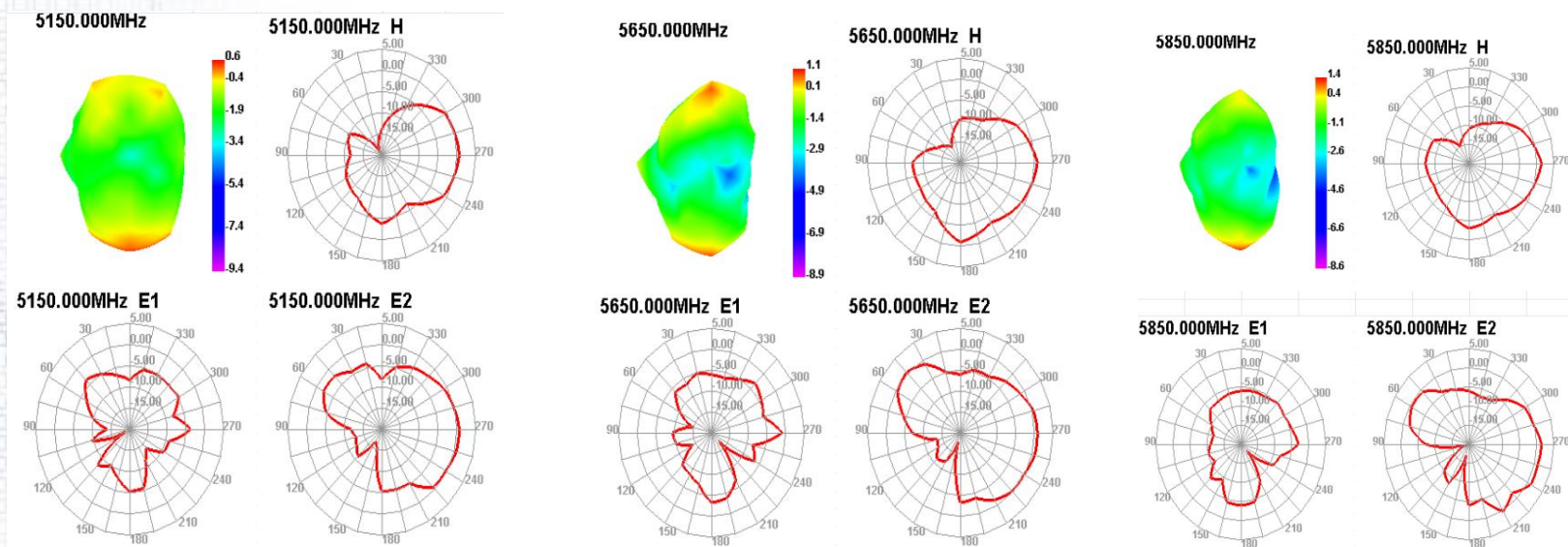
Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	41.96	1.53
2450	41.53	1.42
2500	40.69	1.59
5150	36.12	0.64
5650	37.80	1.14
5850	36.91	1.39





Gain & Efficiency

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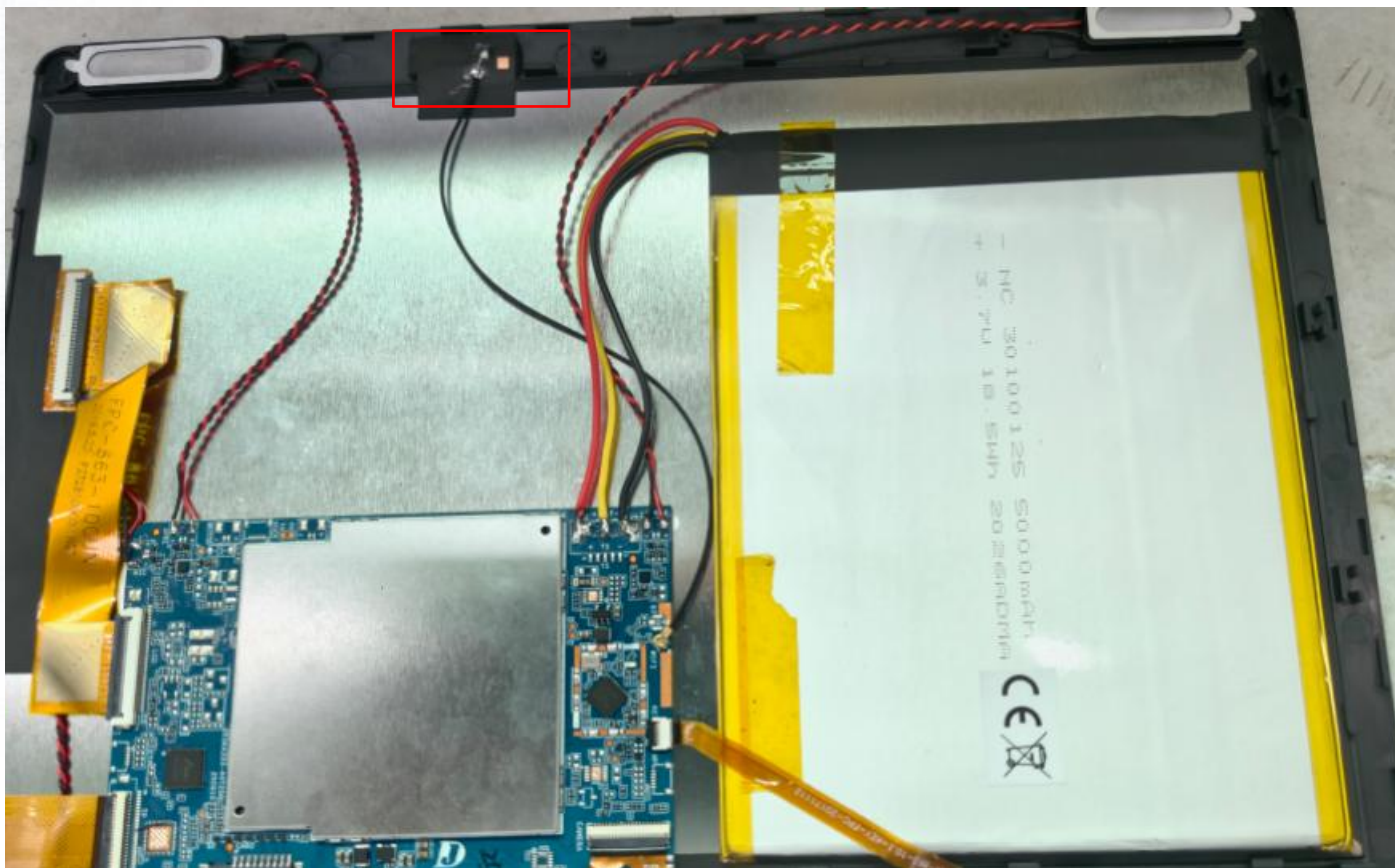
WIFI OTA Data

2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	12.11	12.65	12.42
TIS	-78.18	-78.06	-78.63
5.8G	802.11a, (5.8G) 54M		
Channel	CH36	CH60	CH161
TRP	9.75	9.50	9.43
TIS	-70.23	-69.57	-70.09



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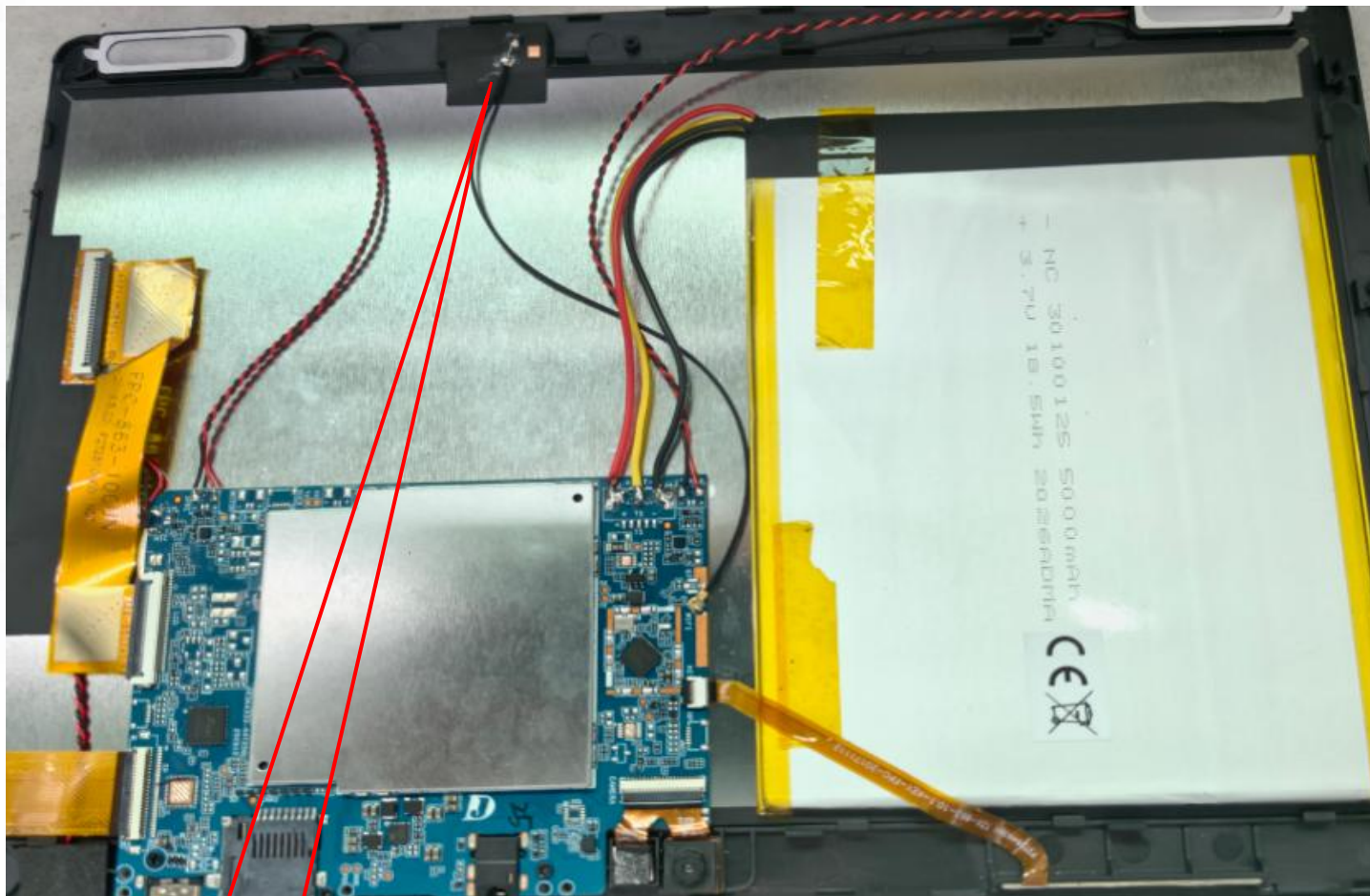
天线安装位置图



天线下方需要贴EVA泡棉垫高



天线安装位置图



WiFi天线



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顺达成感谢您的支持

公司地址：深圳市宝安区福永镇重庆路新福工业园B5栋4楼