

Antenna Test Report



顺达成科技

专业的4G/3G/GPS/WIFI等天线方案设计及供应商



客户名称：志和兴

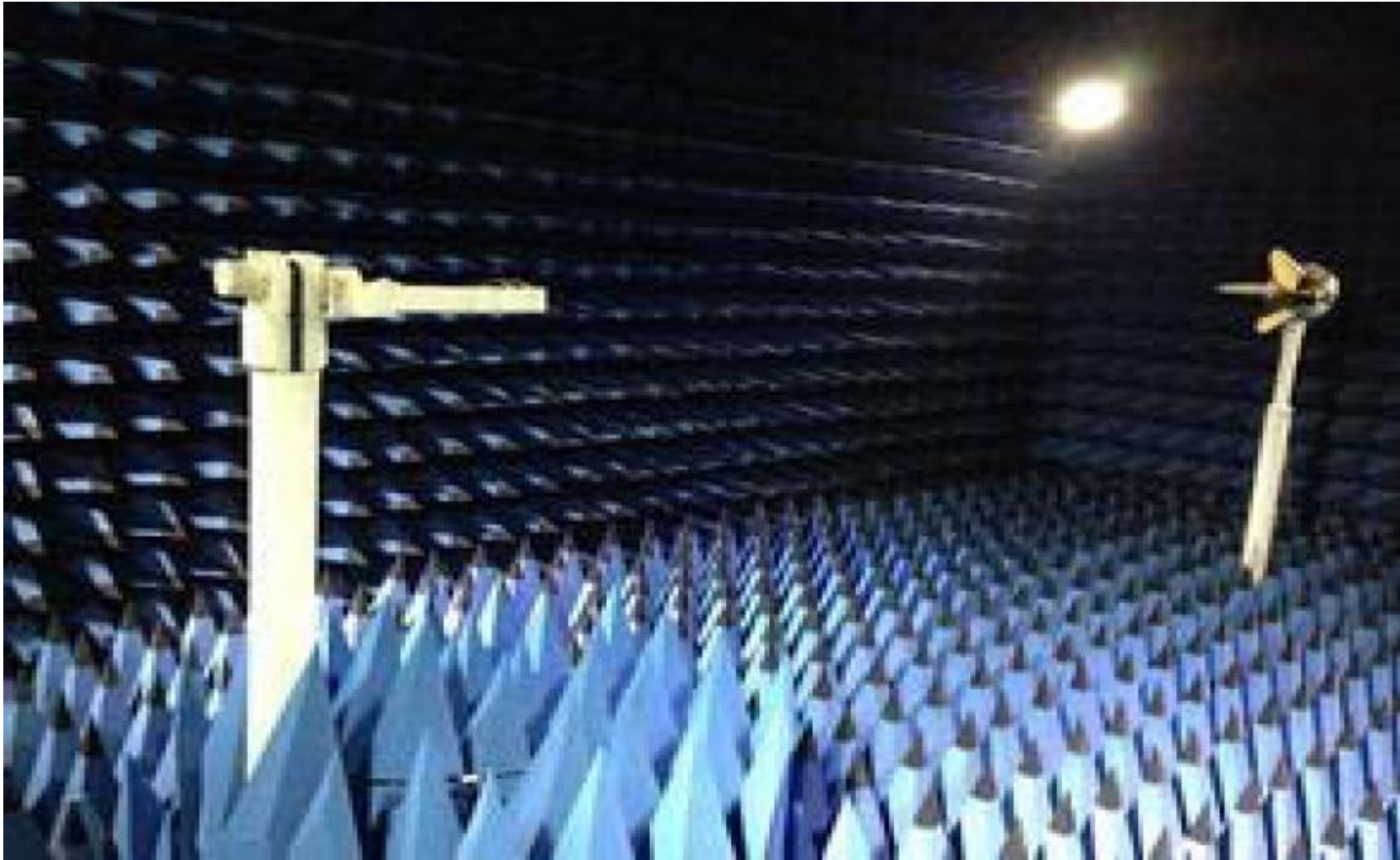
项目名称: HN-DPF1011

频段：WIFI2.4G

版本：A

制作日期：2024-10-9

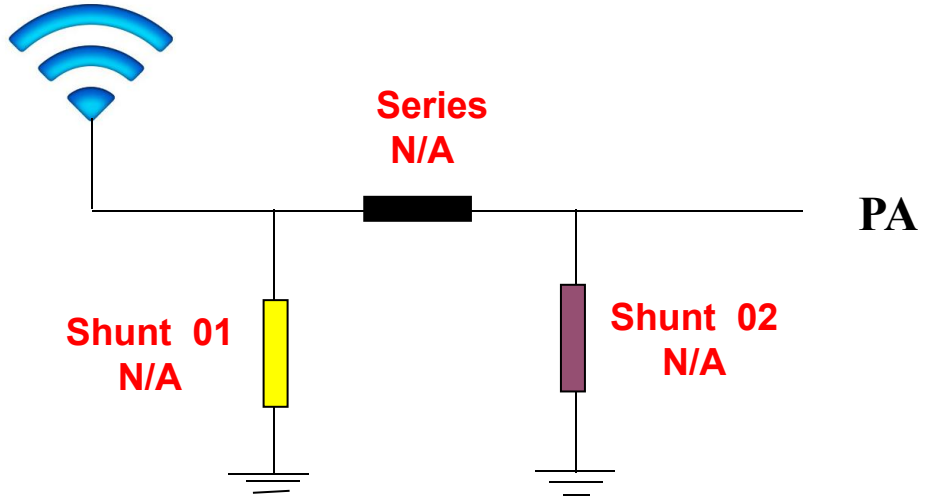
Manufacturer: Shenzhen ShunDaCheng Technology Co.,Ltd.



Contents

- 1: Antenna Overview & Dimension
- 2: The test project
 - 2.1 Antenna Matching Network
 - 2.2 VSWR
 - 2.3 Gain & Efficiency
 - 2.4 3D Date
 - 2.5 The Free Space 3D Date/The Free Space 2D Date
- 3 : Ground processing

Antenna

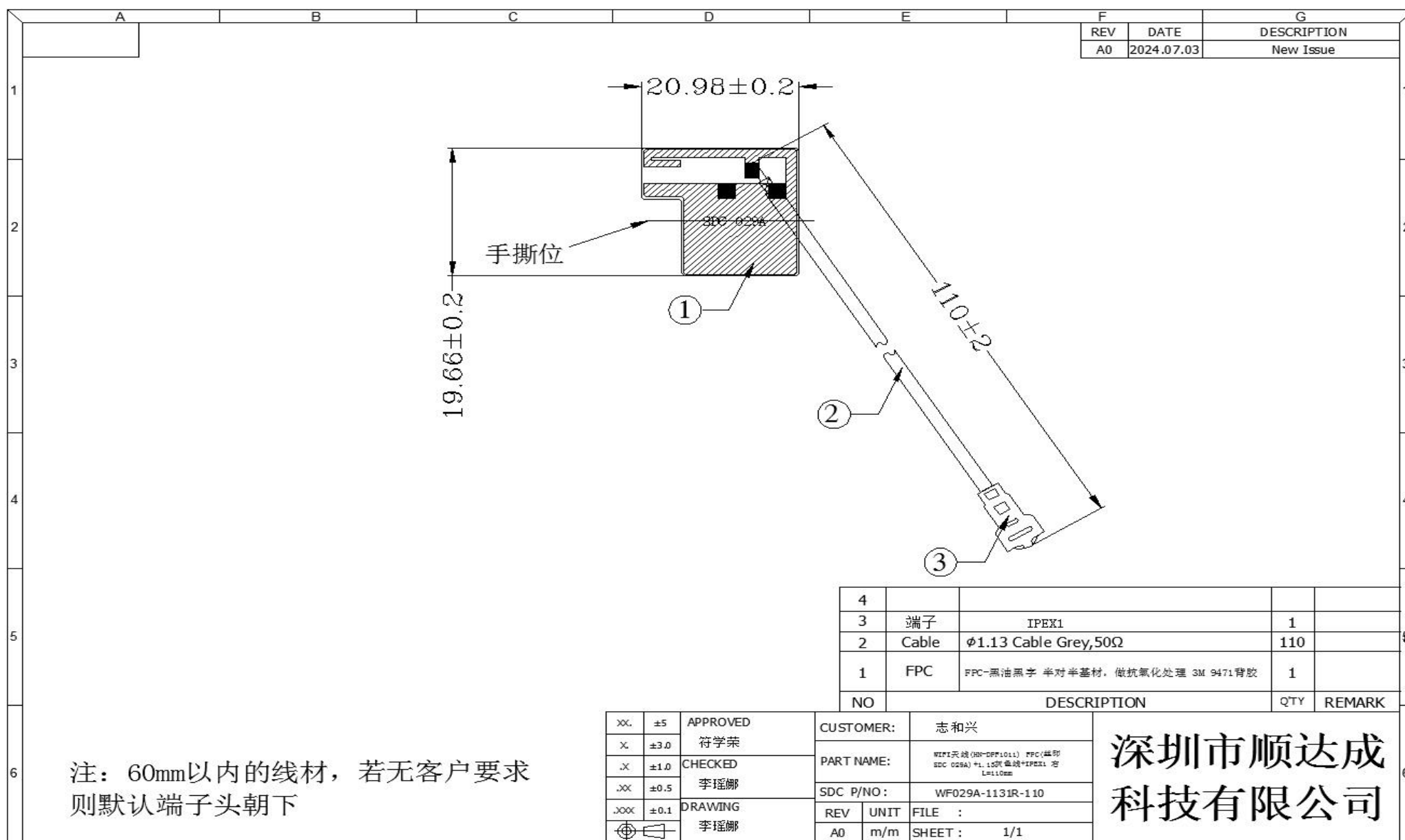


Location	Description
Shunt 01	N/A
Series	N/A
Shunt 02	N/A



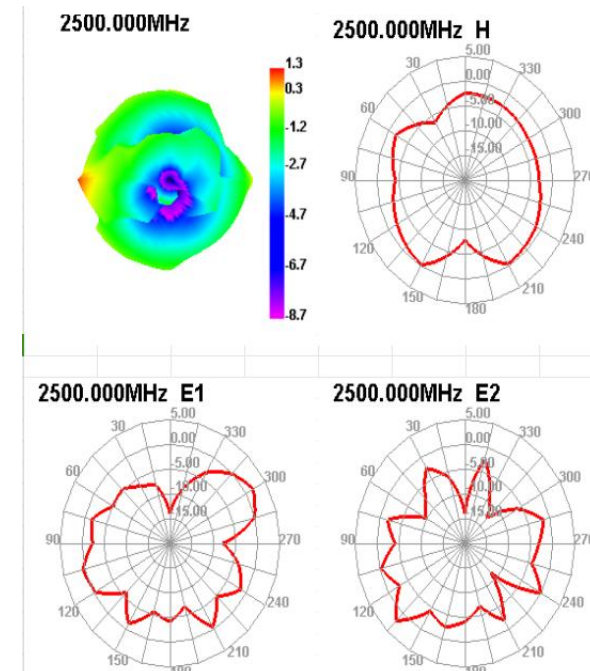
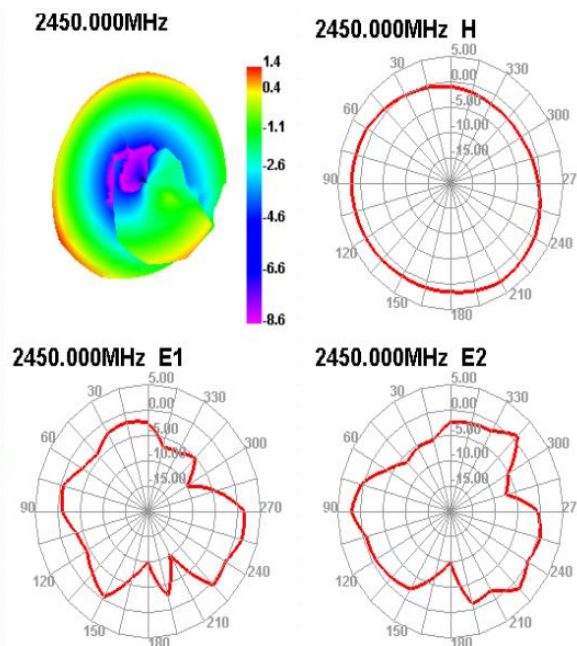
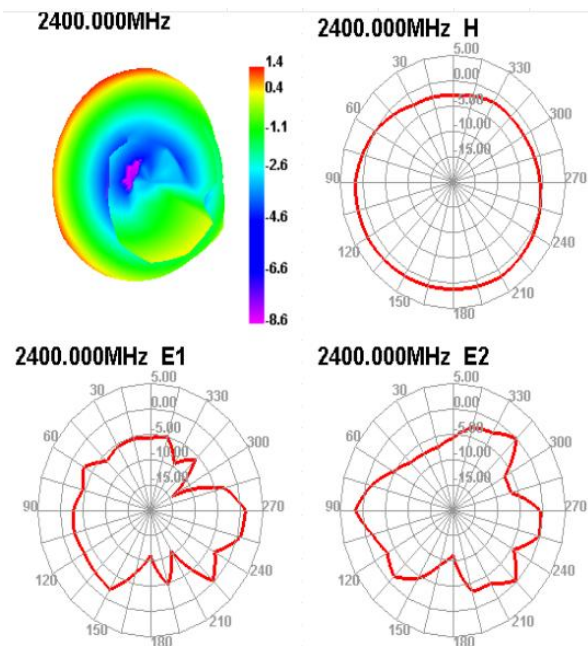
天线尺寸图

顺达成科技



Gain & Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	43.36	1.43
2450	42.41	1.36
2500	42.16	1.32

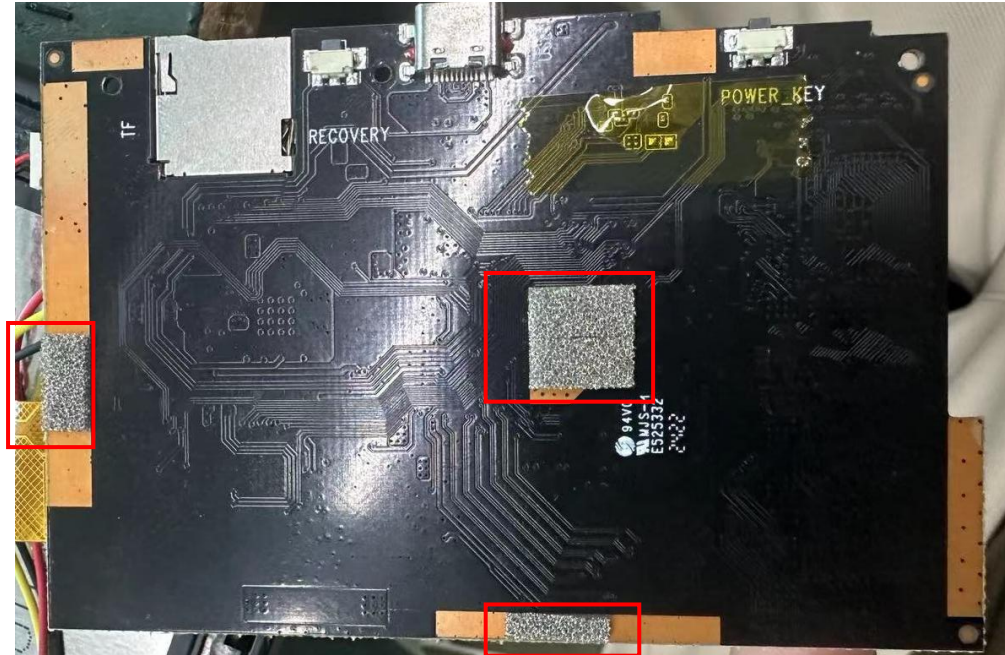


WIFI OTA Data



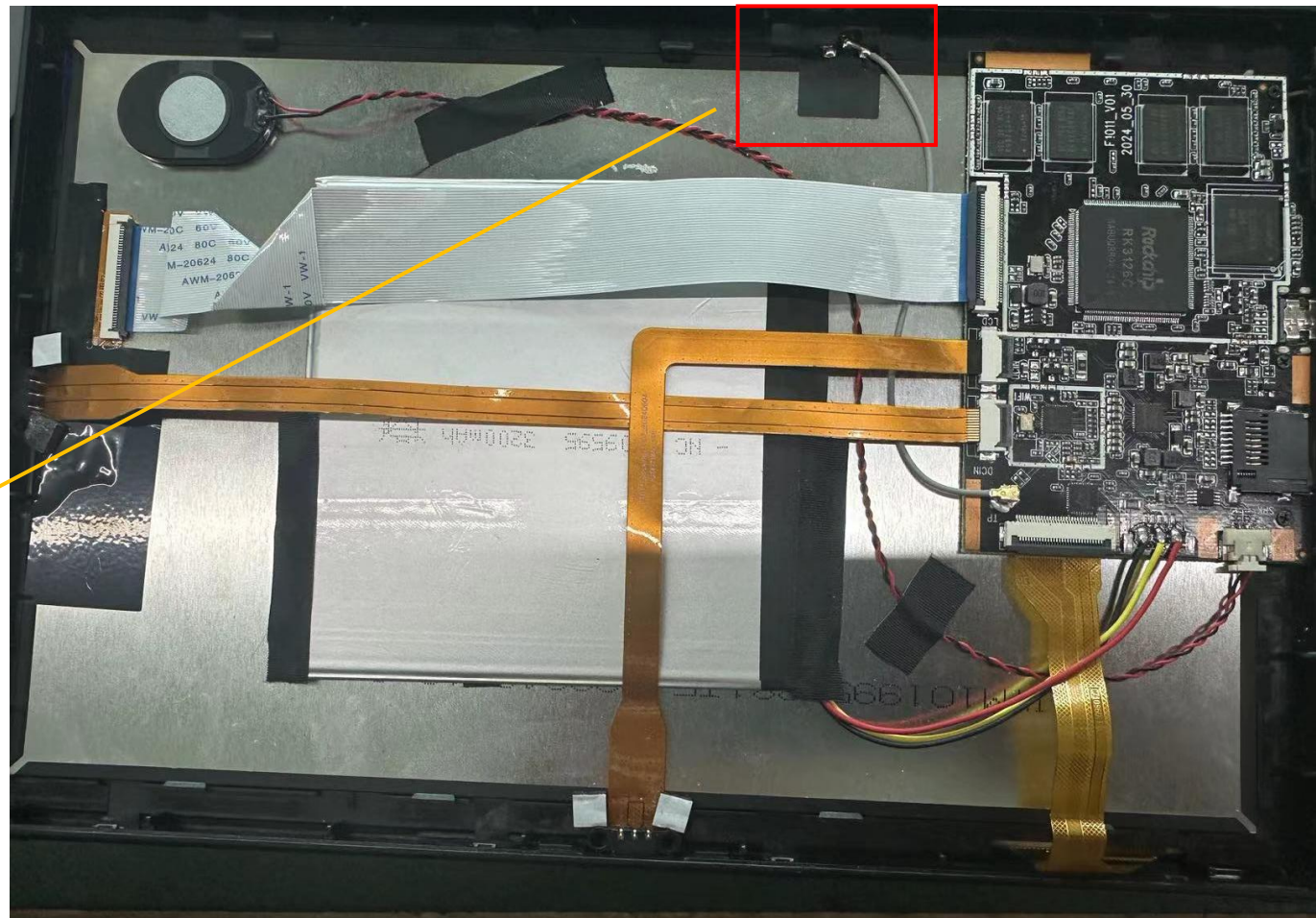
顺达成科技

2.4G	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	12.41	12.22	12.37
TIS	-78.28	-78.14	-78.36



小板露铜区域贴导电海绵与屏幕接地

天线安装位置图



WIFI天线





Thanks