

# Antena 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

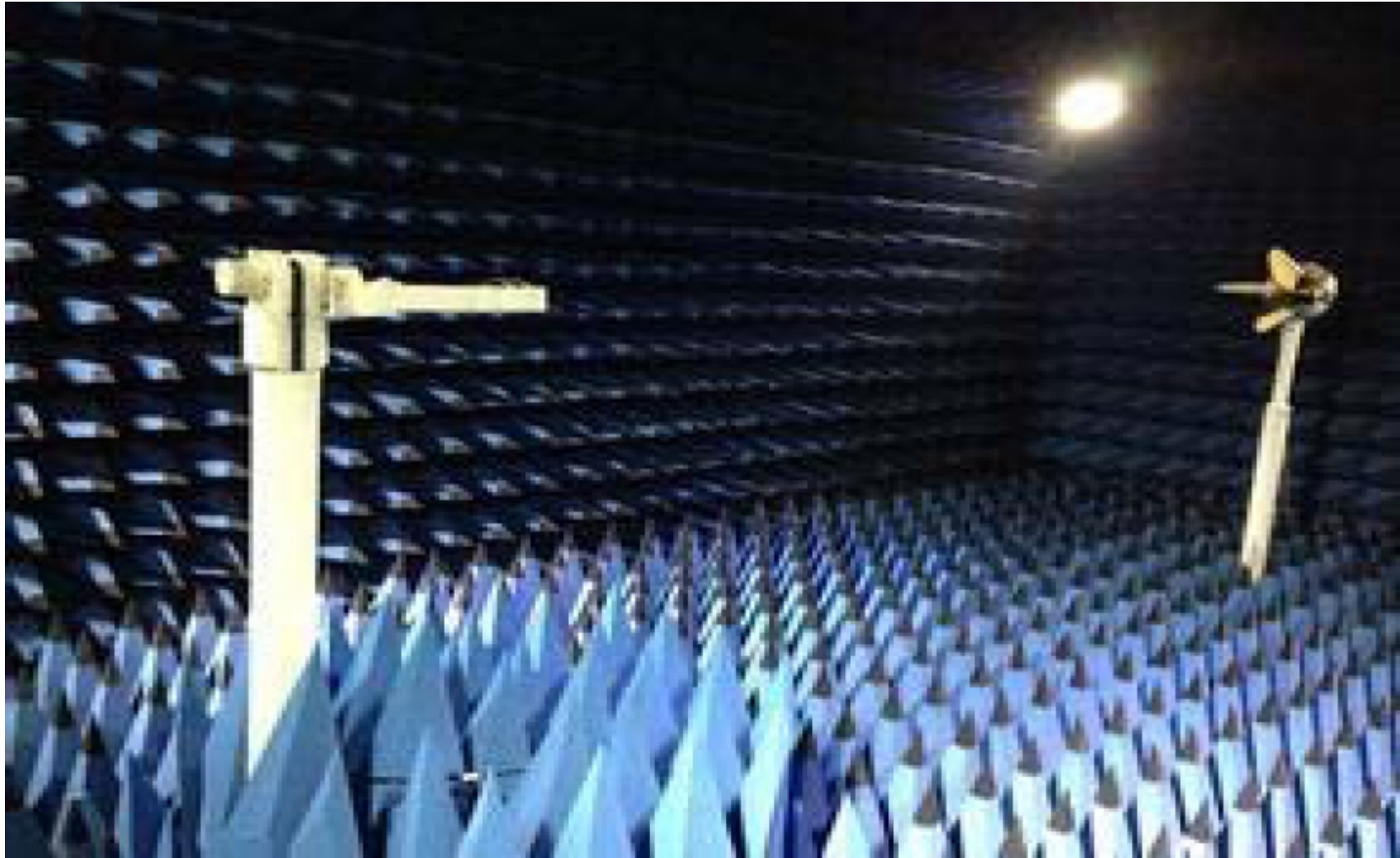
客户名称： 秋雨

项目名称： KT802

频段： WIFI2.4G/5.8G/BT

版本： A

制作日期： 2023-12-11

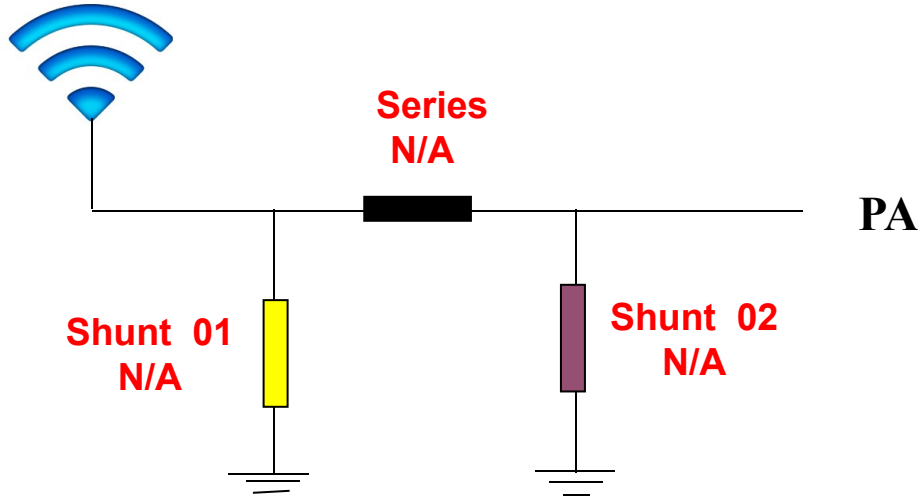




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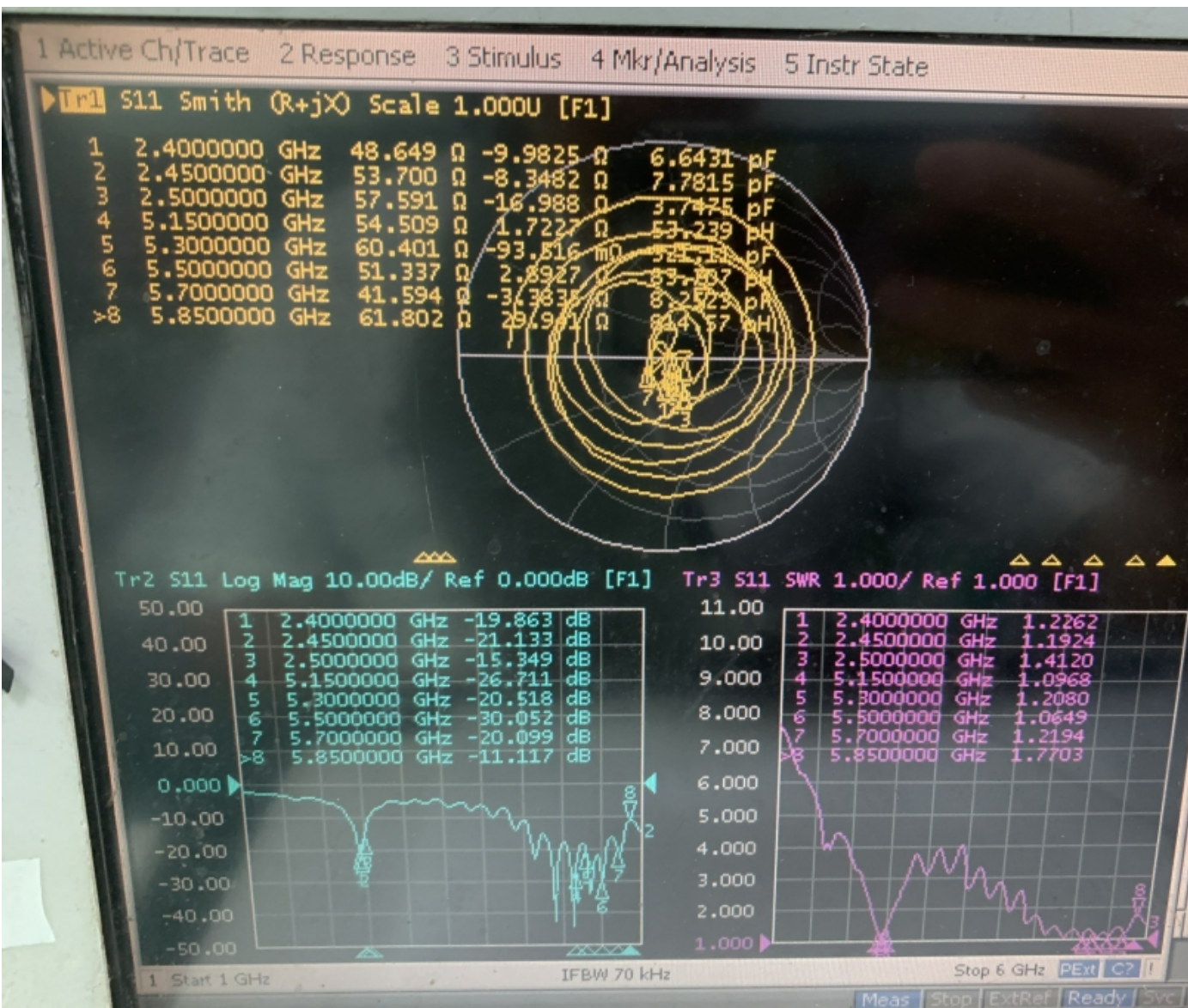
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Antenna



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

# S11 SWR /Smith/ Log Mag--WIFI1



频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
驻波比	1.22	1.19	1.41	1.09	1.2	1.06	1.21	1.77

频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
阻抗	48.6 Ω	53.7 Ω	57.5 Ω	54.5 Ω	60.4 Ω	51.3 Ω	41.5 Ω	61.8 Ω

频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
回损	-19.8	-21.1	-15.3	-26.7	-20.5	-30	-20	-11.1

# Gain & Efficiency



Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	43.62	1.16
2450	44.21	1.31
2500	43.29	1.22
5150	43.28	1.25
5350	44.62	1.38
5550	45.51	1.33
5850	45.62	1.37

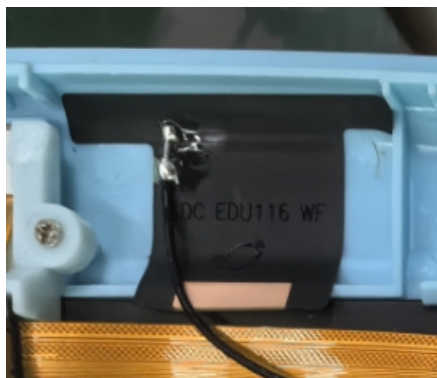


# WIFI OTA Data

<b>2.4G</b>	802.11b, (2.4G) 11M		
Channel	CH1	CH6	CH11
TRP	13.27	13.56	13.41
TIS	-79.35	-78.46	-79.38

<b>5G</b>	802.11a, 54M		
Channel	CH36	CH60	CH161
TRP	10.63	10.71	10.14
TIS	-69.54	-69.86	-69.73

# 天线安装位置图

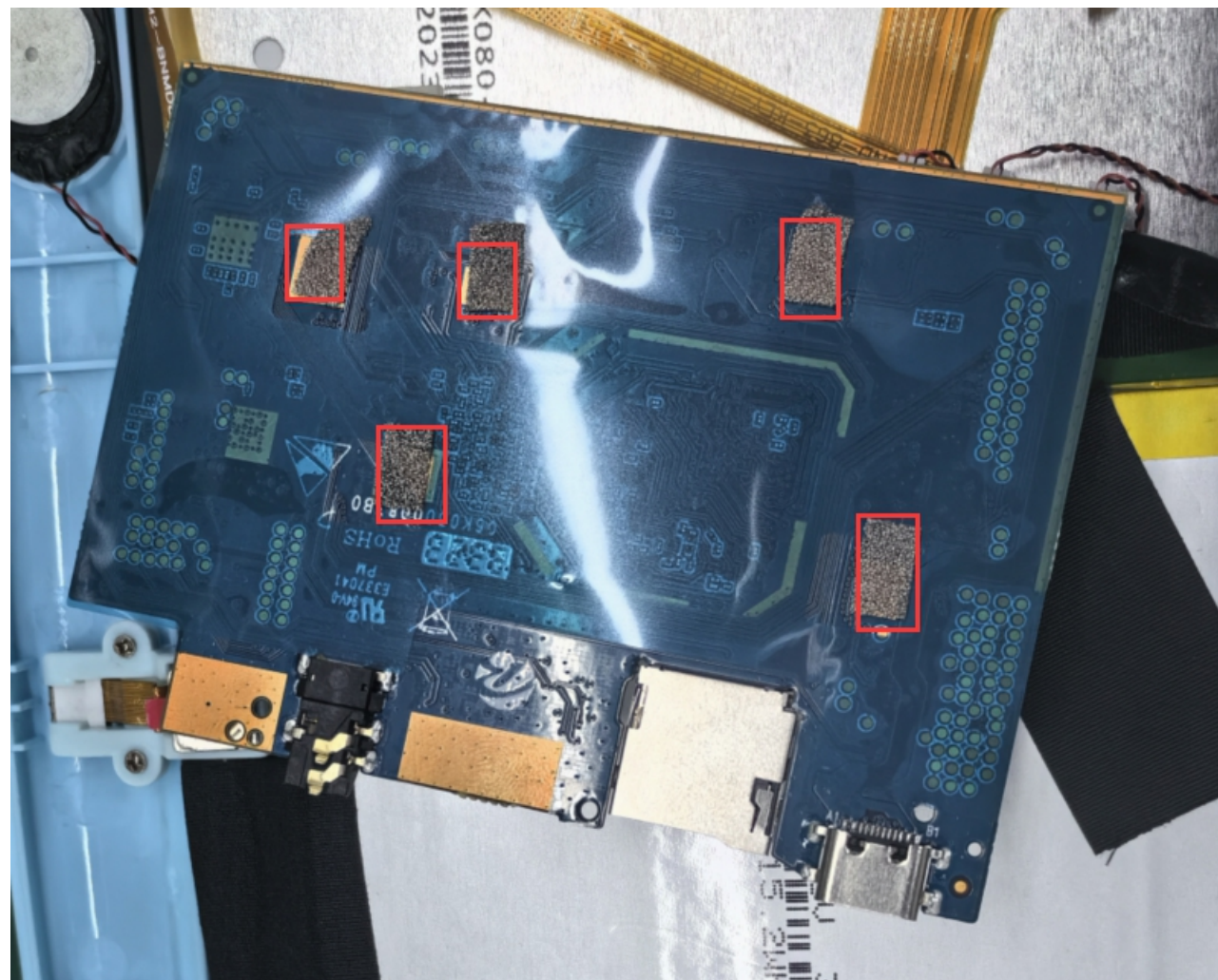


WiFi天线





# 环境处理



主板漏铜区域贴导电海绵跟屏接地



Thanks