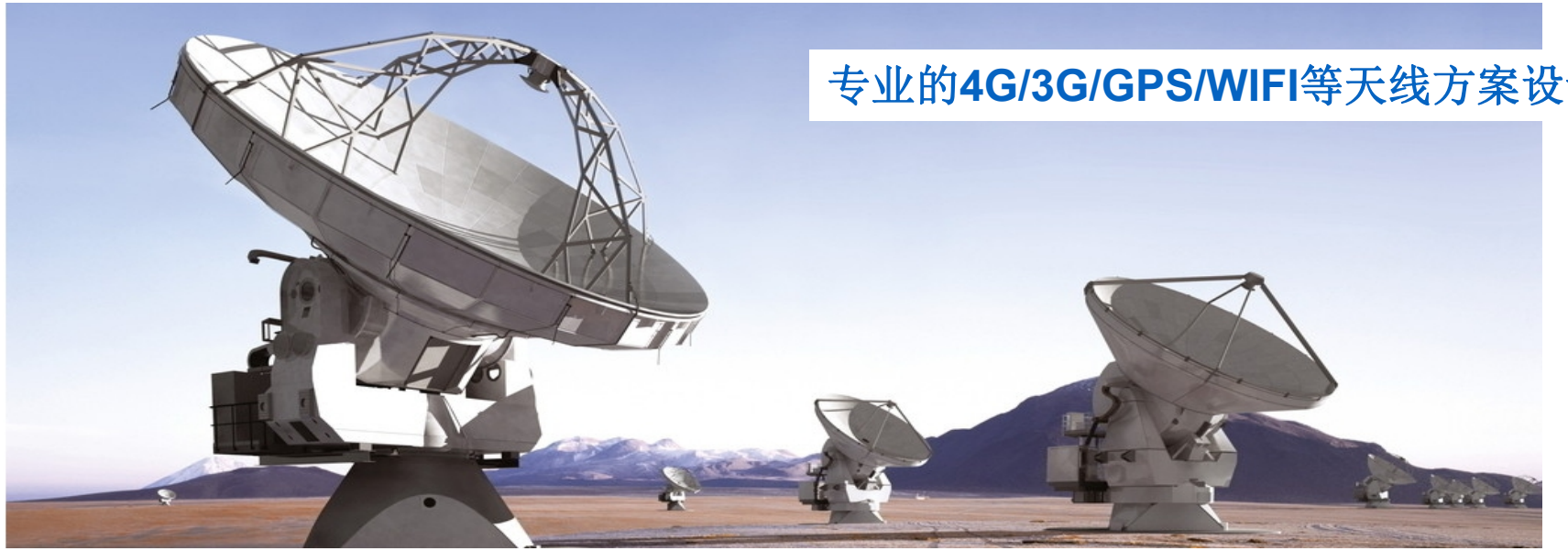
Antena Test Report

顺达成科技



客户名称：福莱佳　　项目名称：F3-01

频段：WIFI2.4G/BT

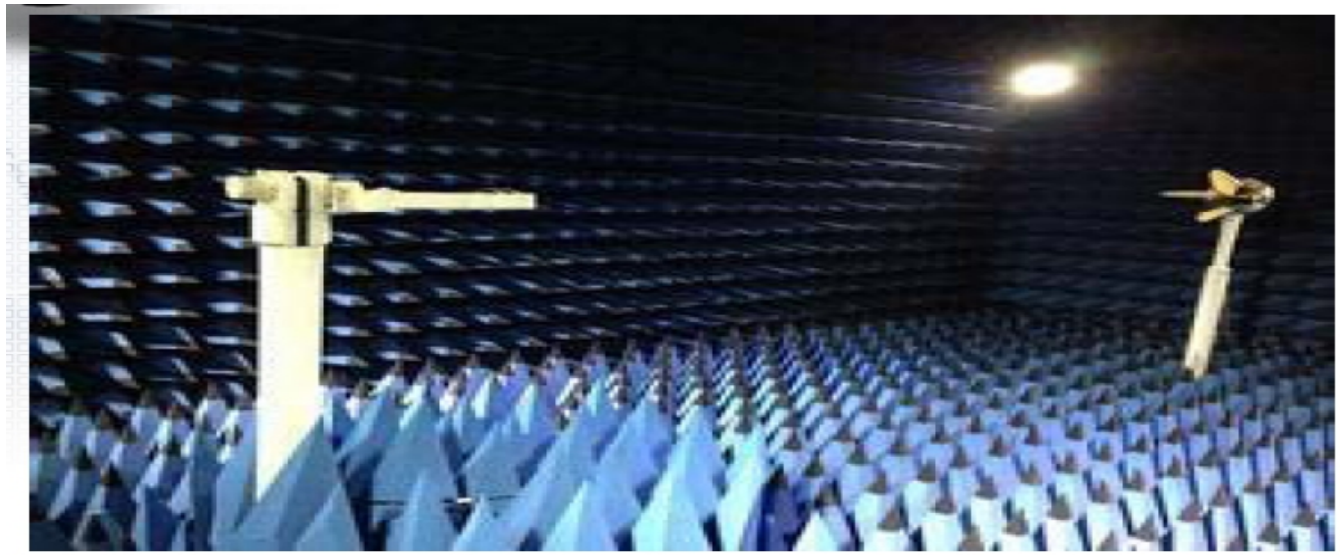
版本：A　　制作日期：2025-6-24

Shenzhen Lixinhui Electronics Co., Ltd.
No. 45, Minfu Road, Shatou Industrial Zone, Shajing Sub-district Office,
Bao'an District, Shenzhen

Test system

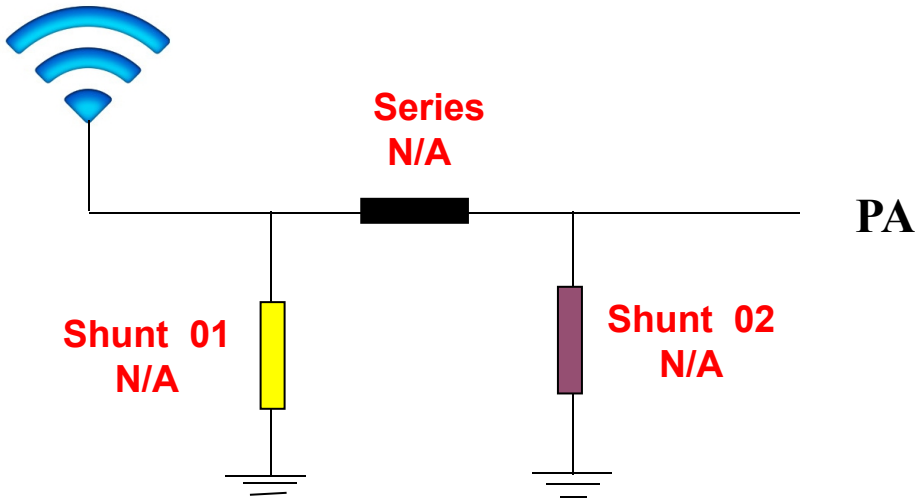
顺达成科技

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



匹配电路无修改

Antenna



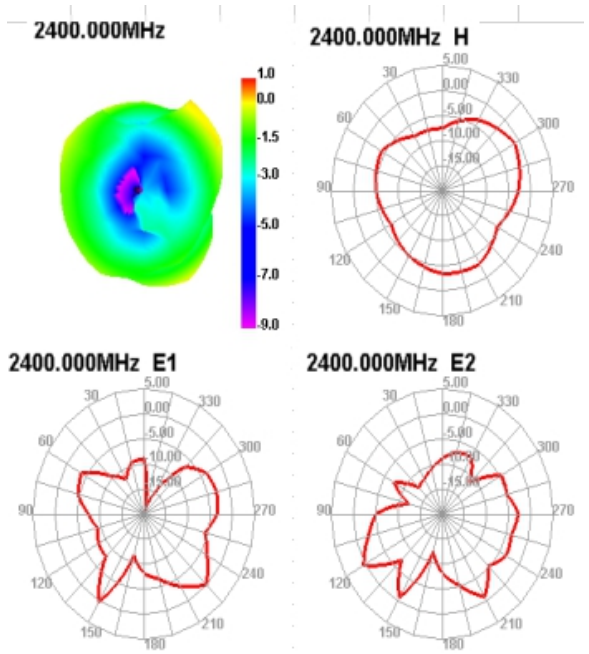
Location	Description
Shunt 01	N/A
Series	N/A
Shunt 02	N/A

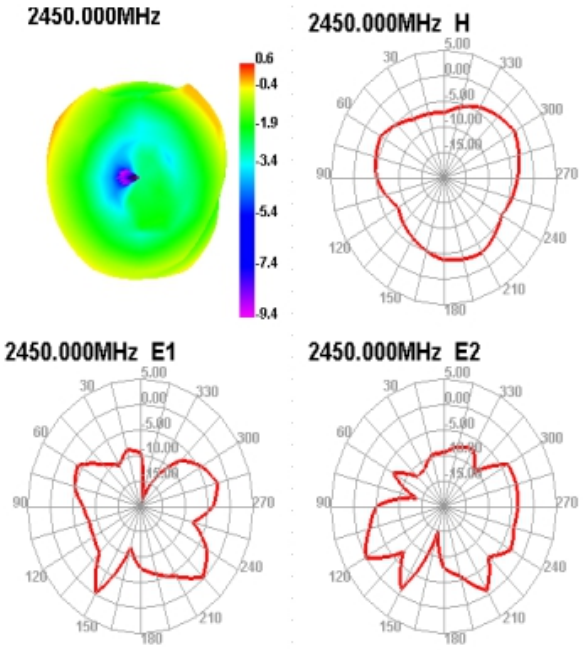
S11 Smith/Log Mag/SWR

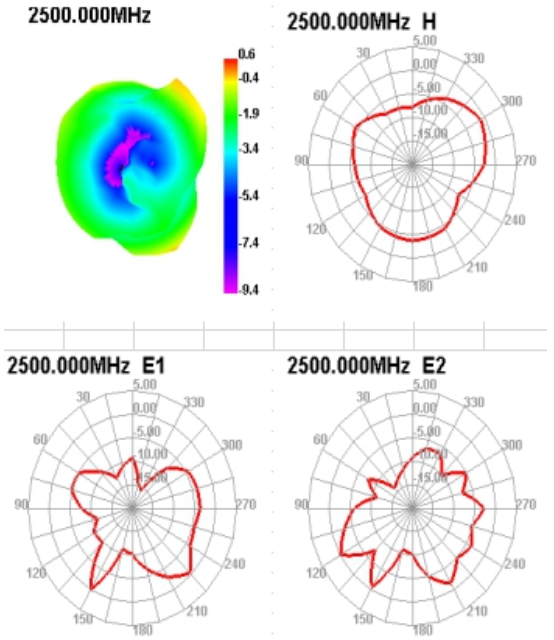
频率（MHZ）	2400	2450	2500
驻波比	1.42	1.09	1.4
阻抗	41.2Ω	45.7Ω	54.9Ω
回损	-15.1	-26.8	-15.5

效率&增益

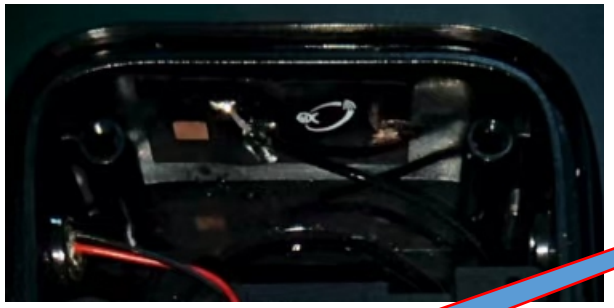
Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	40.76	0.98
2450	41.53	0.62
2500	38.28	0.57



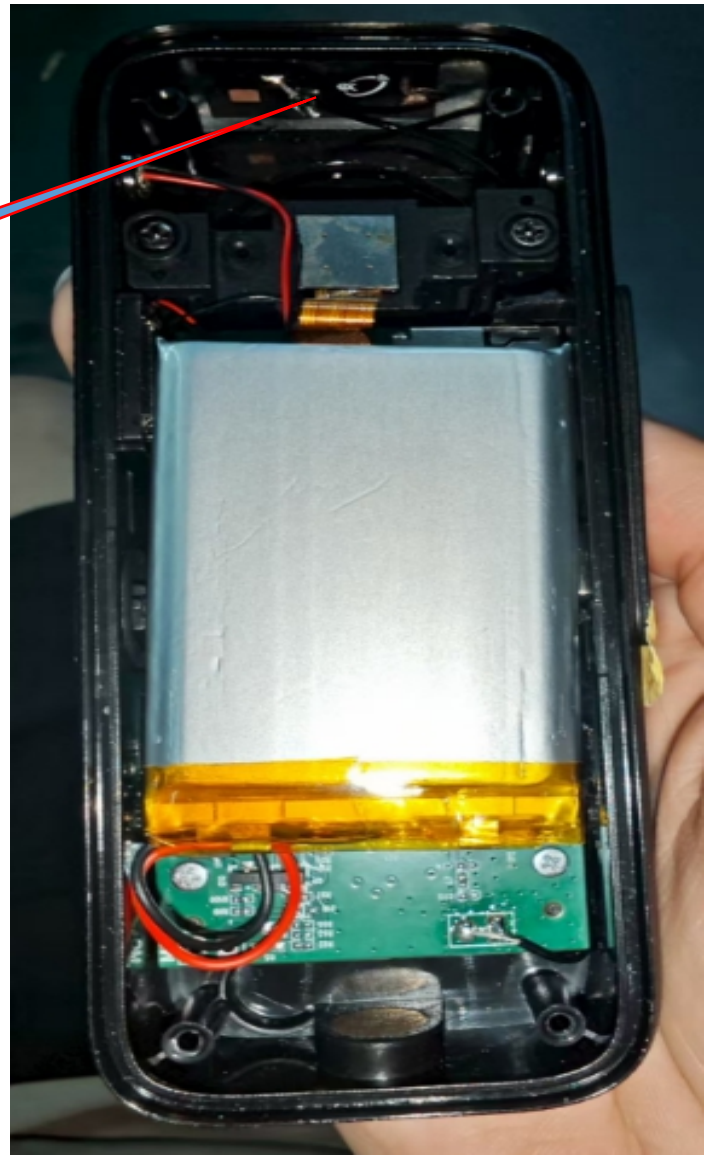




天线安装位置



WIFI天线



Thanks