

Antenna Test Report

Customer	/
Project	蓝牙天线
Antenna Revision	Ver1.2
Prepared by	Zhu Haokui
manufacturer	Donghaorong
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Shenzhen Surbaner Technology Co., Ltd.

2/F, Building B25, Hengfeng Industrial City, Hezhou Community, Xixiang Street, Baoan District, Shenzhen City.

Purpose

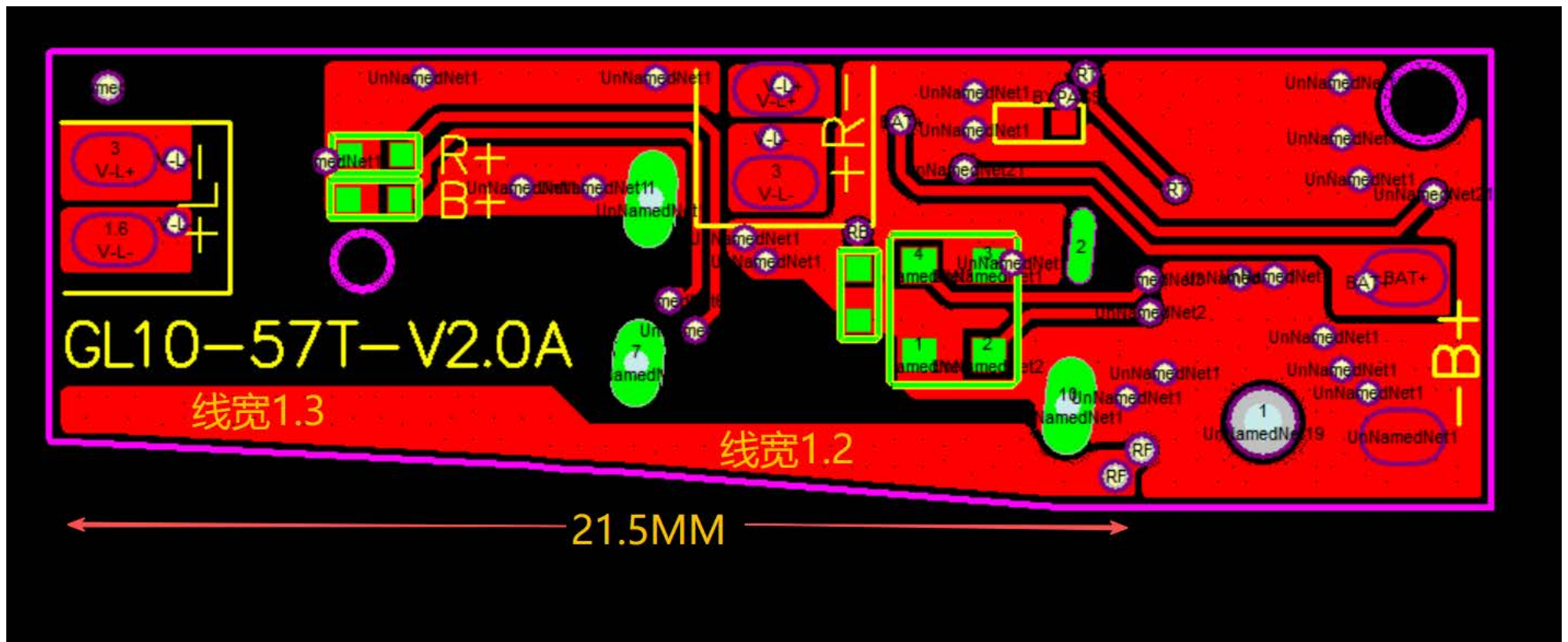
This report is to measure the performance of antenna 蓝牙天线 .The antenna operating frequency at 2400-2500MHz All test data are showed as below.

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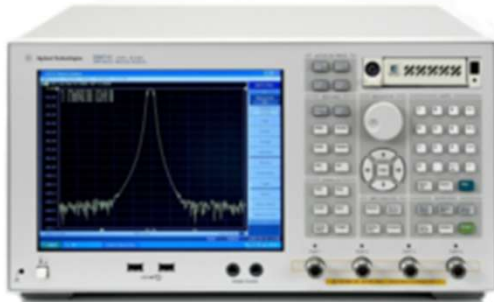
1.Product Overview & Dimension

Antenna



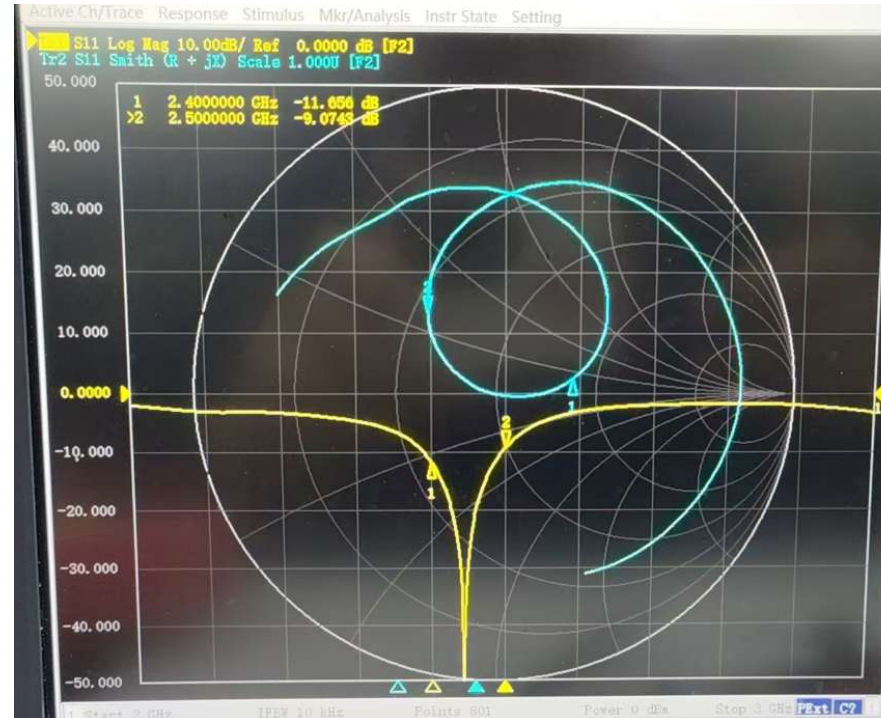
2. Test System

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



3. Test Result

3.1 S11 Parameter-VSWR



Frequency	2400	2450	2500
S11	-11.6	-40.2	-9.07

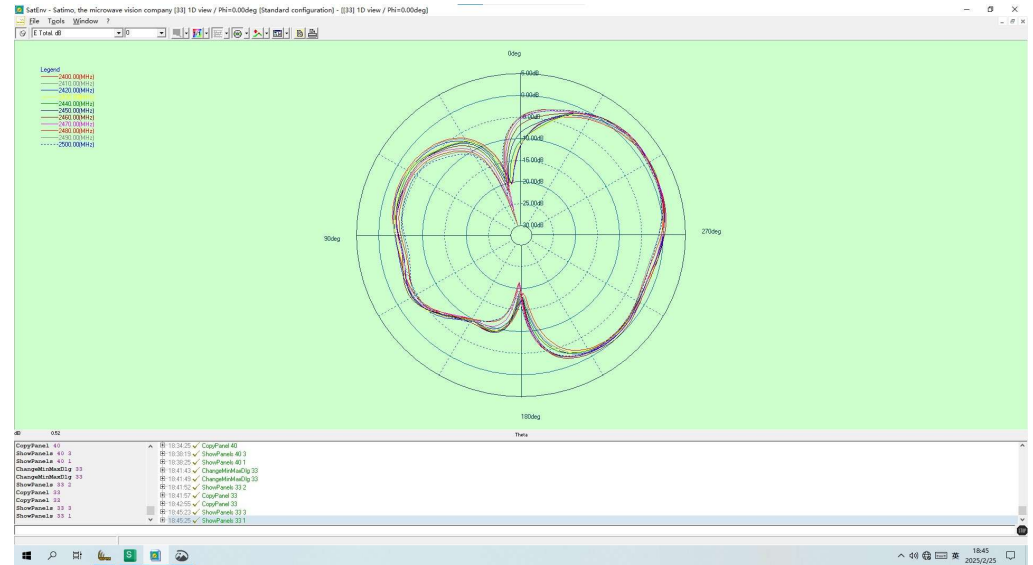
3. Test Result

3.2 Gain & Efficiency

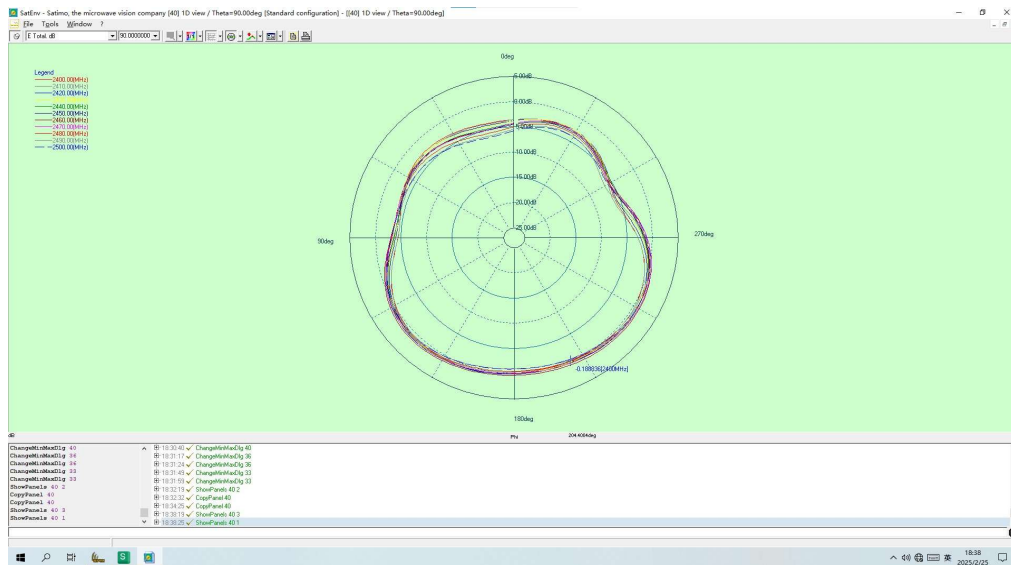
frequency	Gain dbi	efficiency
2400	1.6259	0.5477
2410	1.6492	0.5561
2420	2.0477	0.5912
2430	2.0259	0.5919
2440	2.089	0.5741
2450	2.0095	0.5761
2460	1.9319	0.5983
2470	1.9542	0.5656
2480	1.9746	0.5227
2490	1.5673	0.5021
2500	1.5574	0.5128

3. Test Result

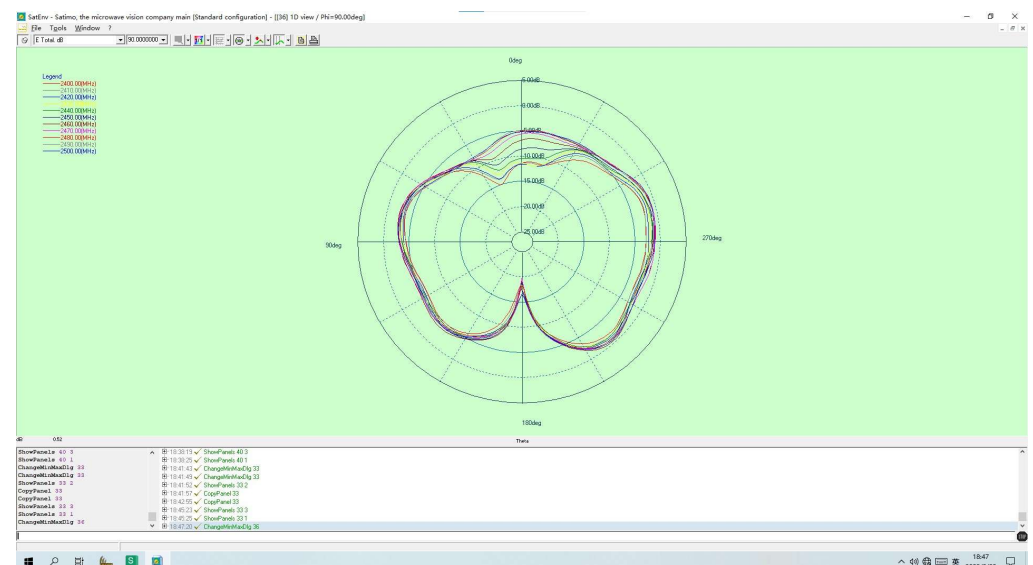
3.32D Pattern



Z-X



X-Y



Z-Y

***Thank
you!***