

深圳市永昀科技有限公司

Shenzhen Yongyun Technology Co., Ltd.

ADD: 1/F, Block A, Wanhe Pharmaceutical Park, No.8 Gaoxin Middle 1st Rd, Nanshan District, Shenzhen, China

承认书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME:

产品名称

PRODUCT NAME: LDS天线

客户料号

CUSTOMER P/N:

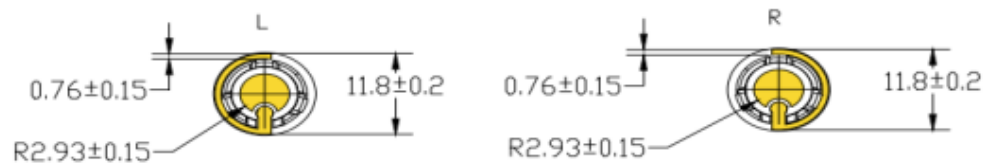
永昀料号

AAN2026LDS615

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
AUDITOR BY:		
APPROVED BY:		
DATE:	2026-6-15	

ADD: 1/F, Block A, Wanhe Pharmaceutical Park, No.8 Gaoxin Middle 1st Rd, Nanshan District, Shenzhen, China

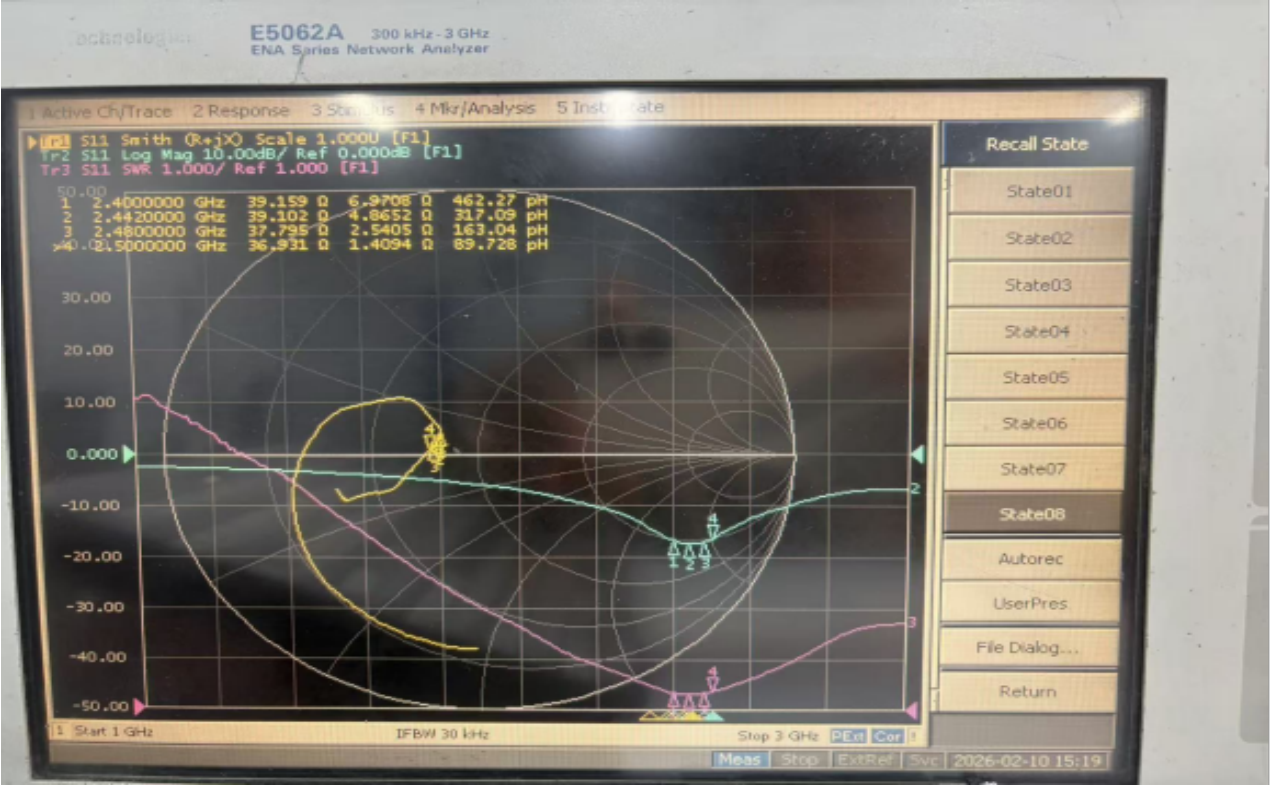
1. 结 构 图 纸



2. 测试设备

设备名	用途
Agilent E5071C	Efficiency measurement (dBi)
OTA 远场暗室	为 OTA 测试提供测试环境
投影机及卡尺	结构尺寸测试

3. 测试报告



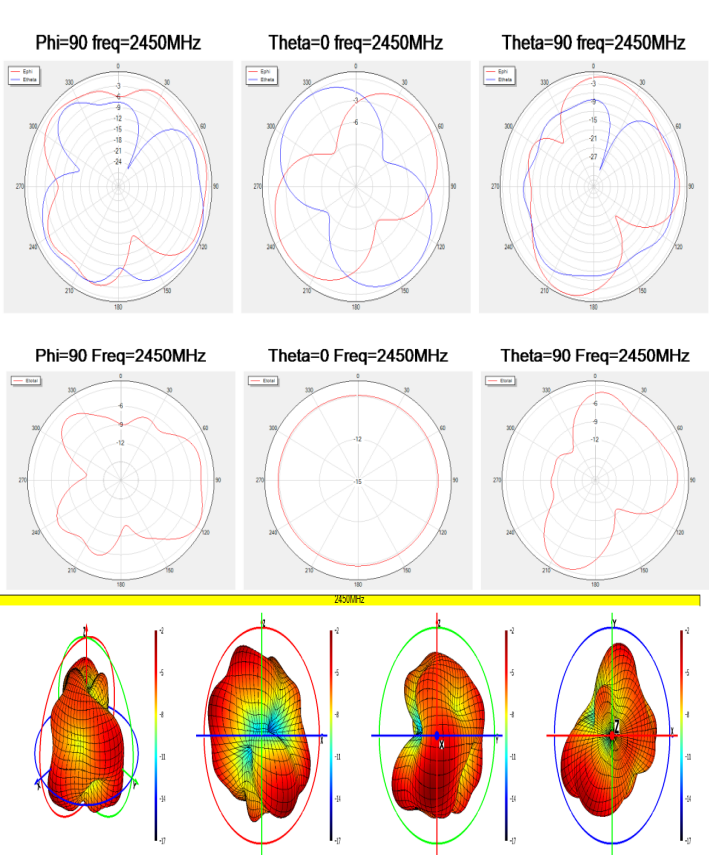
L

Test	Bluetooth TRP			Test	Bluetooth TIS		
Result	0	39	78	Result	0	39	78
Frequency (MHz)	2402	2441	2480	Frequency (MHz)	2402	2441	2480
TRP(dBm)	-4.87	-5.01	-4.11	TIS(dBm)	-79.01	-79.71	-78.59

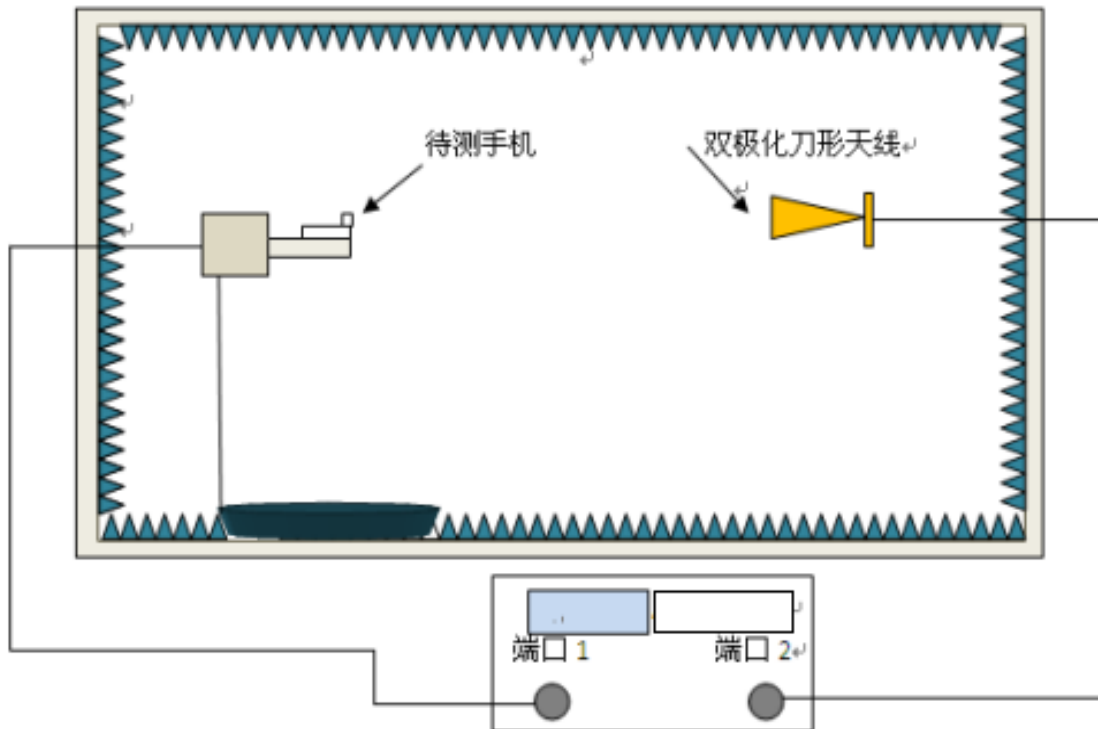
R

Test	Bluetooth TRP			Test	Bluetooth TIS		
Result	0	39	78	Result	0	39	78
Frequency (MHz)	2402	2441	2480	Frequency (MHz)	2402	2441	2480
Txp Ave(dBm)	-3.65	-4.49	-3.89	Sens Ave(dBm)	-82.77	-81.46	-83.76

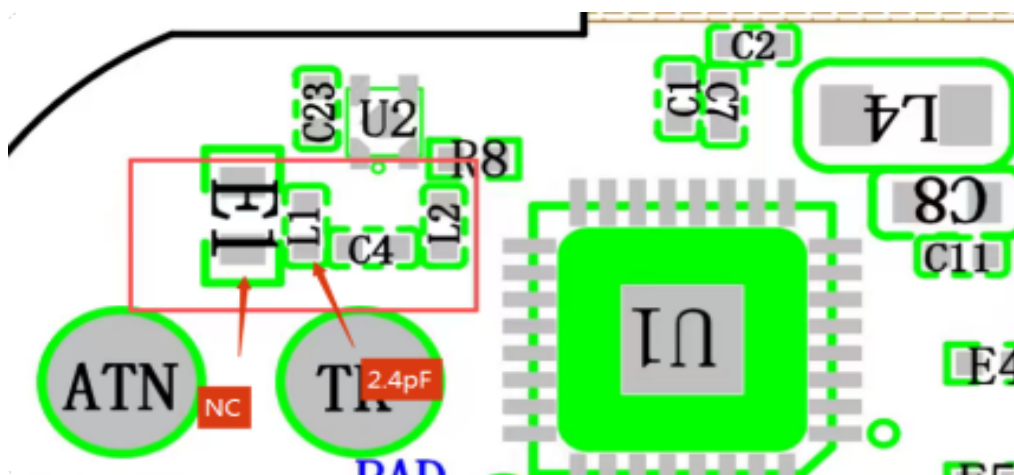
frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益	CO Gain 主极化最	CP Gain 交叉极化	efficiency 效率(dB)	efficiency 效率(%)
2400	-1.85	-17.94	0	0	-5.57	27.72
2410	-2.48	-17.82	0	0	-5.86	25.93
2420	-1.88	-16.9	0	0	-5.58	27.68
2430	-1.91	-16.9	0	0	-5.7	26.91
2440	-2.71	-17.81	0	0	-5.96	25.36
2450	-2.25	-17.65	0	0	-5.94	25.47
2460	-2.09	-17.94	0	0	-6.01	25.09
2470	-2.37	-18.61	0	0	-6.1	24.55
2480	-1.95	-18.55	0	0	-6.09	24.59
2490	-2.37	-19.16	0	0	-6.57	22.03
2500	-2.09	-19	0	0	-6.35	23.19



4. 测试连接示意图



5. 2.4匹配参数



BT匹配更改如下：

位号E1:NC

位号L1:2.4pF

如上更改，其他位号匹配按照原理图上数值，我司未更改。