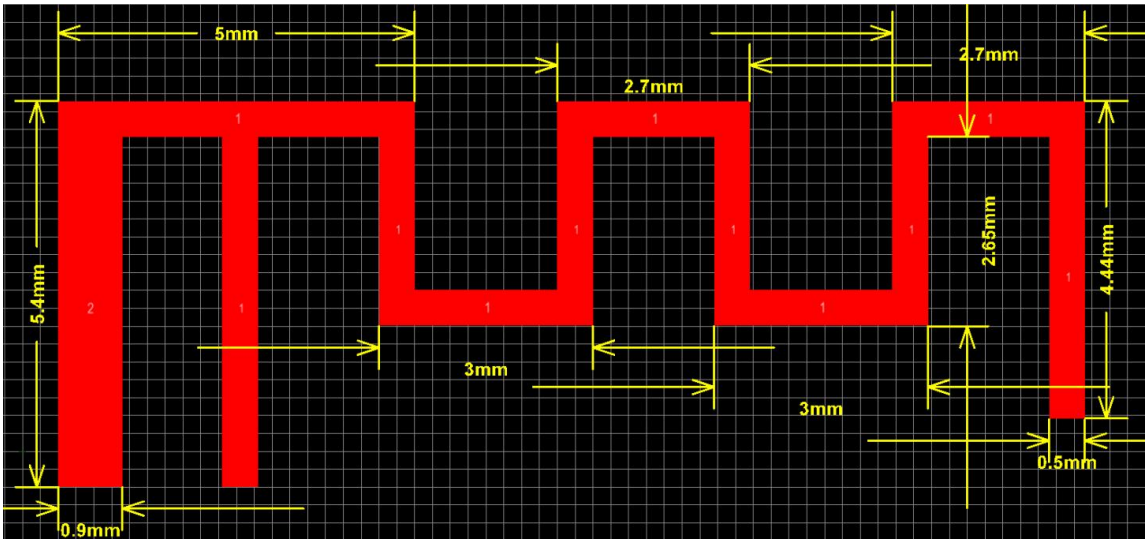


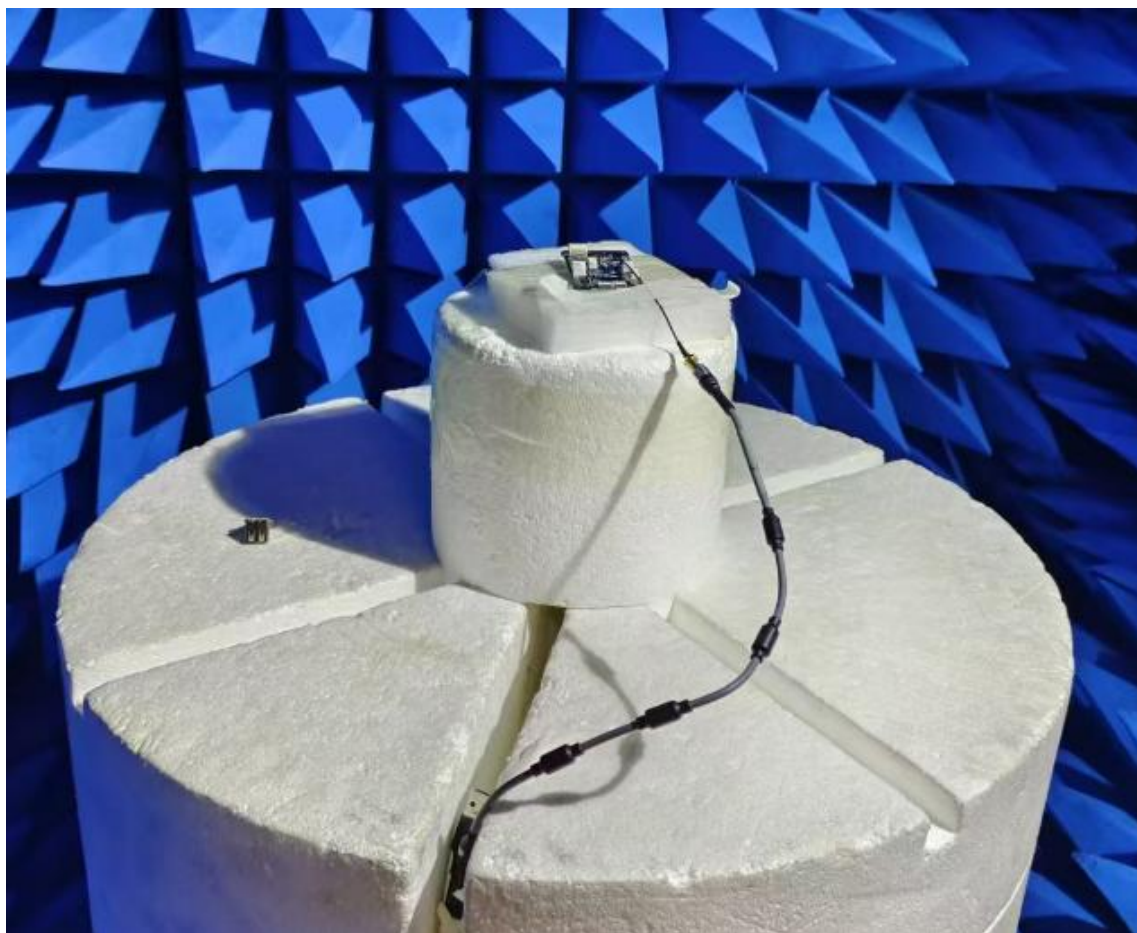
1. 倒F天线规格

ITEM	ANT SPEC
Model Name	2.4G ANT
MAX. Gain	-0.273dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	29.90mm
Manufacture	Shenzhen Waytronic Electronics Co., Ltd.

2. 天线图片及尺寸（mm）

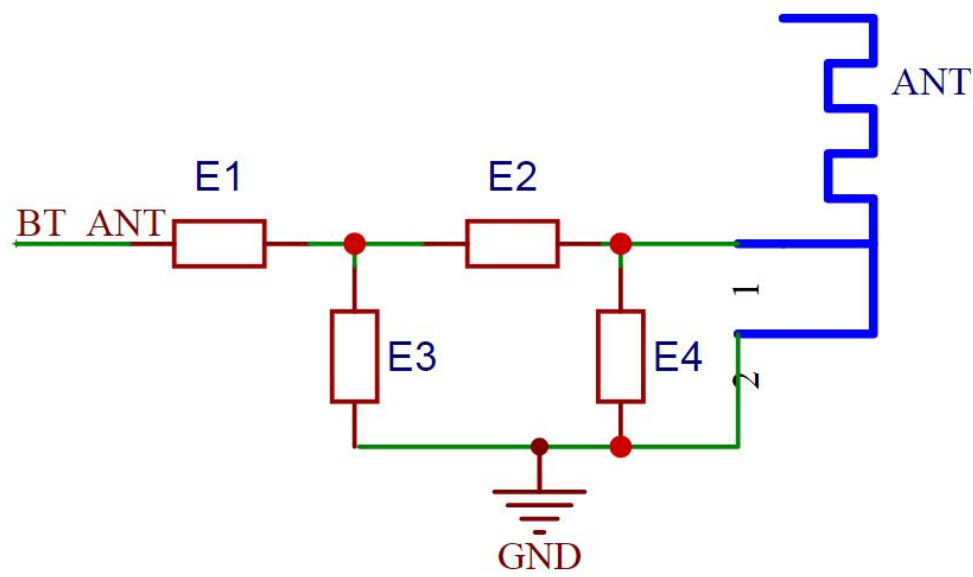


3. 测试环境



4. 天线匹配电路

电路参考：



校正参数：

Element	BT ANT
	Value
E1(0402)	6.2nH
E2(0402)	2.2nH
E3(0402)	0.5PF
E4(0402)	N/A

注：原始天线，未更改参数，测试天线效率及最大增益：24.791%，-0.273dBi；基于当前PCB，修改参数后天线效率可到51.658%，最大天线增益：4.134dBi

5. 无源效率、增益测试数据

频段 (MHz)	增益 (dBi)	效率 (%)
2400	-0.273	24.791
2410	-0.463	24.593
2420	-0.708	22.950
2430	-1.095	21.250
2440	-1.107	21.297
2450	-0.922	21.738
2460	-0.986	21.595
2470	-0.649	22.513
2480	-0.856	21.476
2490	-0.664	21.392
2500	-0.379	22.651

6. 3D场形图

