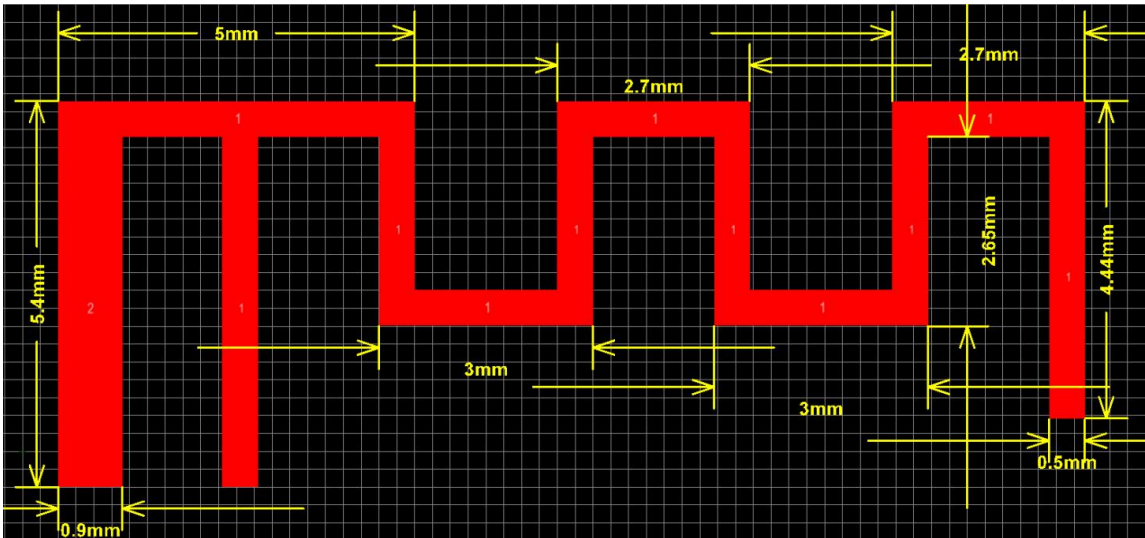


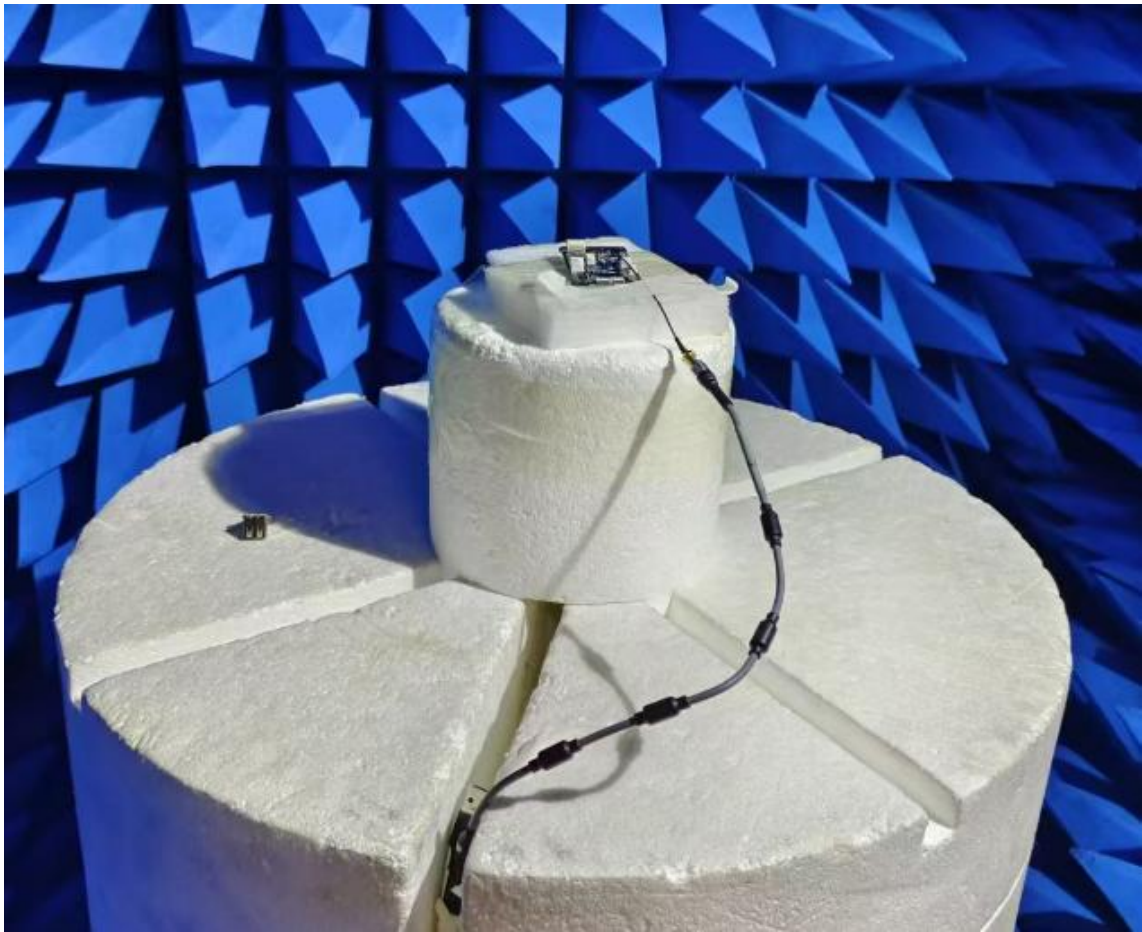
1. Antenna specifications

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. Antenna picture and size (mm)

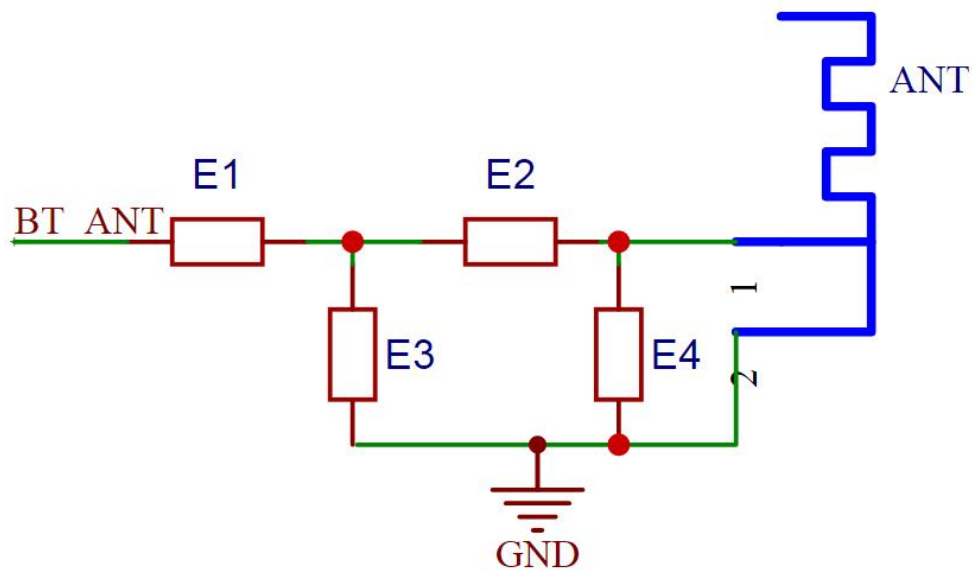


3. Test environment



4. Antenna matching circuit

Circuit reference:



Correction parameter:

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

5. Passive efficiency and gain test data

Frequency band (MHz)	gain (dBi)	efficiency (%)
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 field diagram 2400MHz

