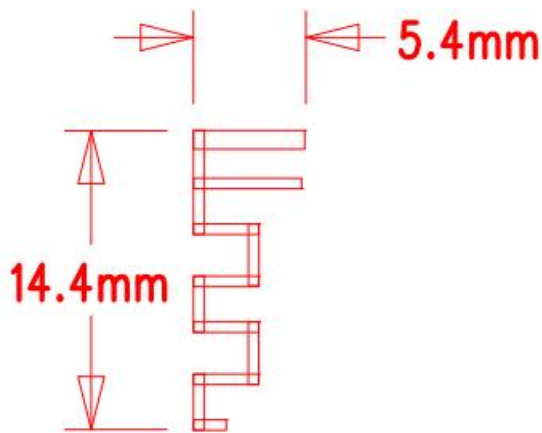


Antenna data sheet

ITEM	ANT SPEC
Model:	2.4G ANT
Date:	October 18, 2024
Versions:	V1.0
Manufacturer	Shenzhen Huanengying Electronic Technology Co., LTD
Address	Room305, Building6,JinzhouJialiyuan,YangmeiCommunity, BantianSub-district,LonggangDistrict,ShenzhenCity

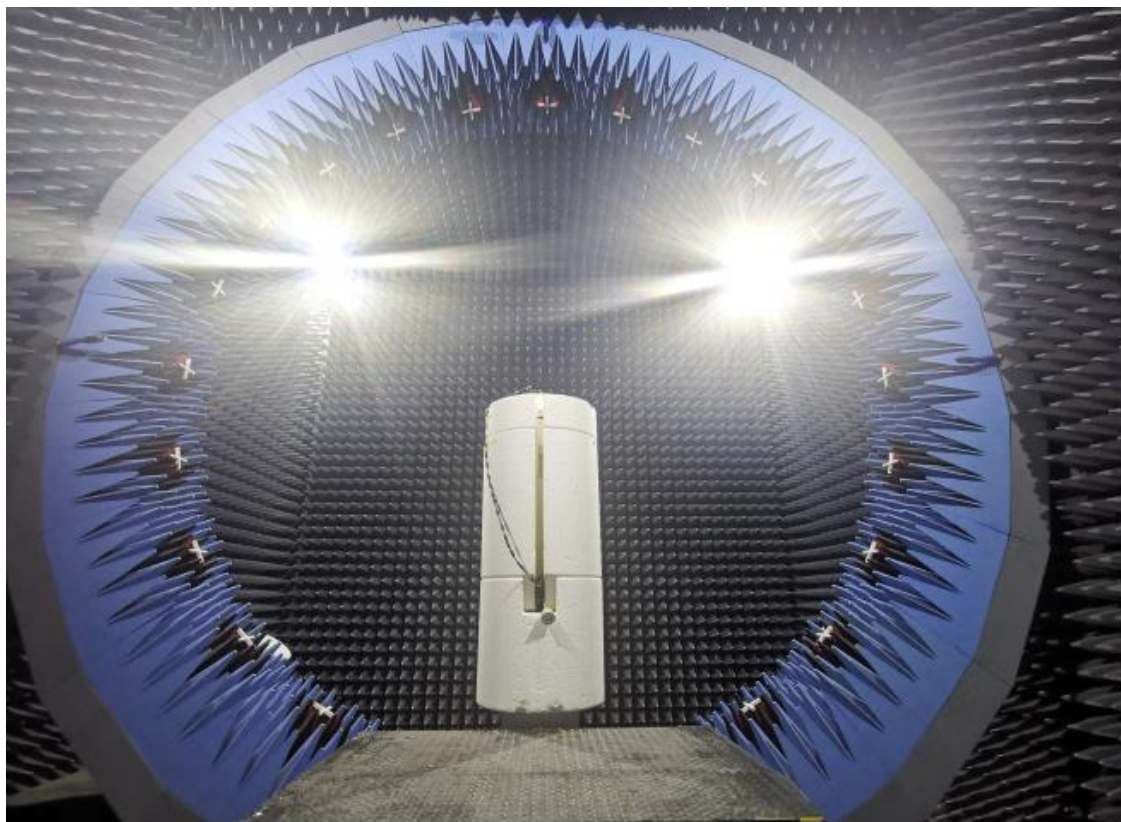
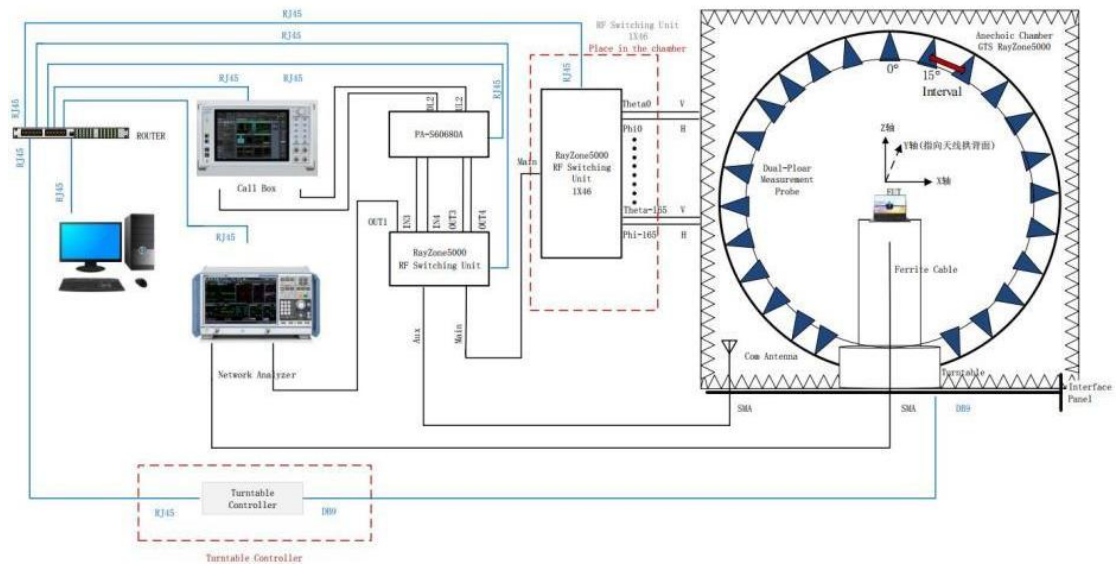
1. Ant Size:



2. Test equipment list

name	Manufacturer	Model
Network analyzer	KEYSIGHT	E5071C
Network analyzer	KEYSIGHT	E5071C
Comprehensive Measuring Instrument	R&S	CWM500
OTA test system	GTS	RayZone-5000

3. Test setup

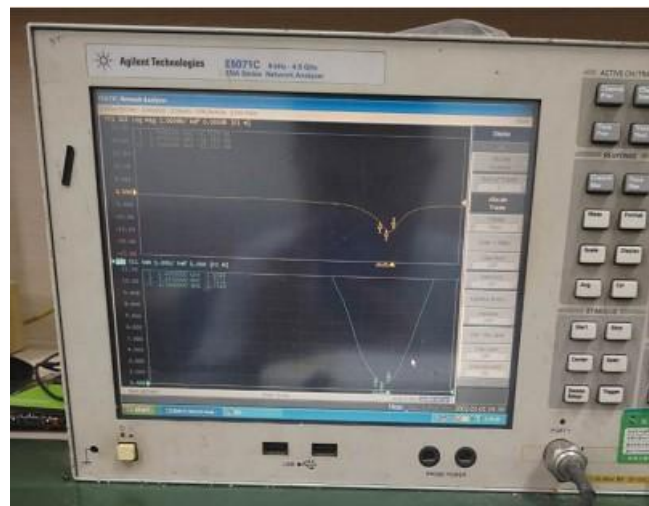


4. Performance parameter

Frequency range	2400-2500MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	1.5
Antenna type	PCB
Temperature	-20~50

5. VSWR Test Data

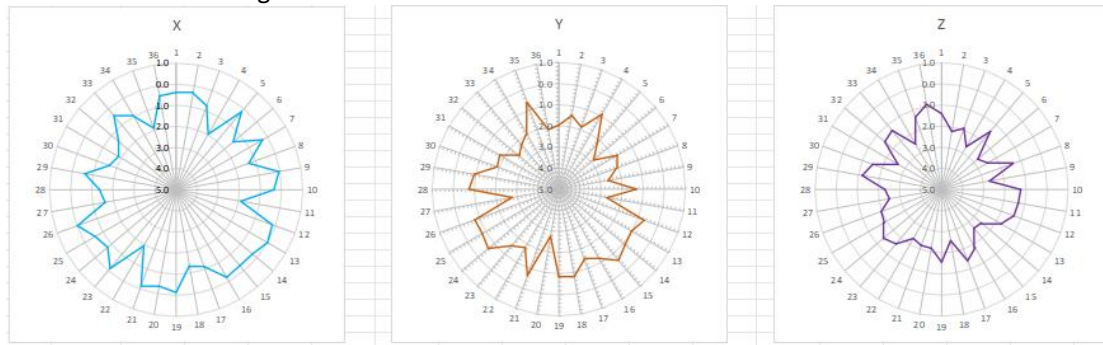
Frequency(MHz)	Return Loss	VSWR
2400	-8.64	2.11
2450	-10.98	2.57
2500	-10.82	3.06



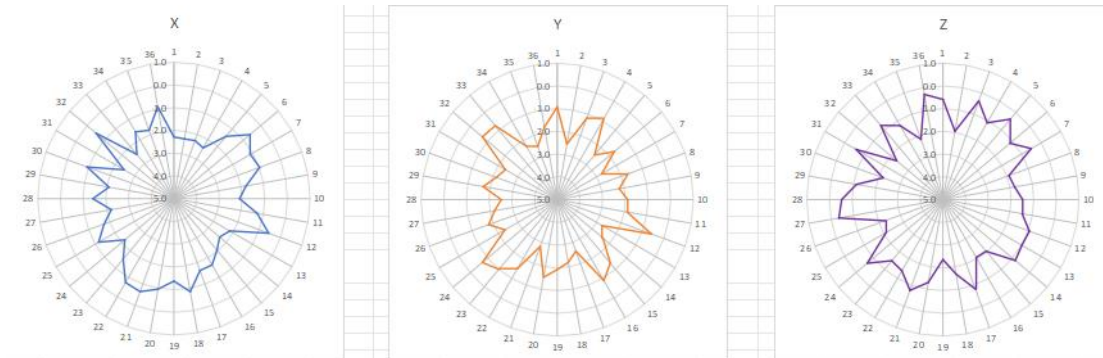
6. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
2400	1.63	0.00
2410	1.22	-0.36
2420	1.29	-0.49
2430	1.44	-0.61
2440	1.62	-0.40
2450	1.63	-0.30
2460	1.40	-0.59
2470	1.41	-0.73
2480	1.44	1.50
2490	1.33	-0.69
2500	1.25	-1.44

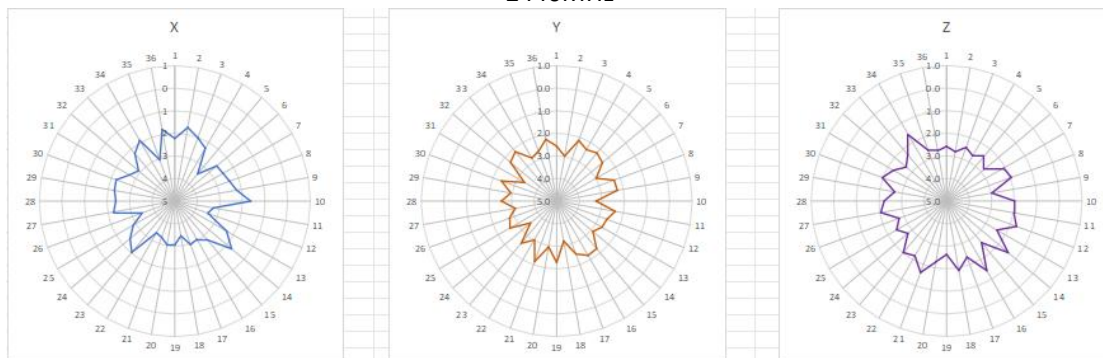
7. Test Directional diagram



2400MHz



2440MHz



2500MHz

-----The end-----