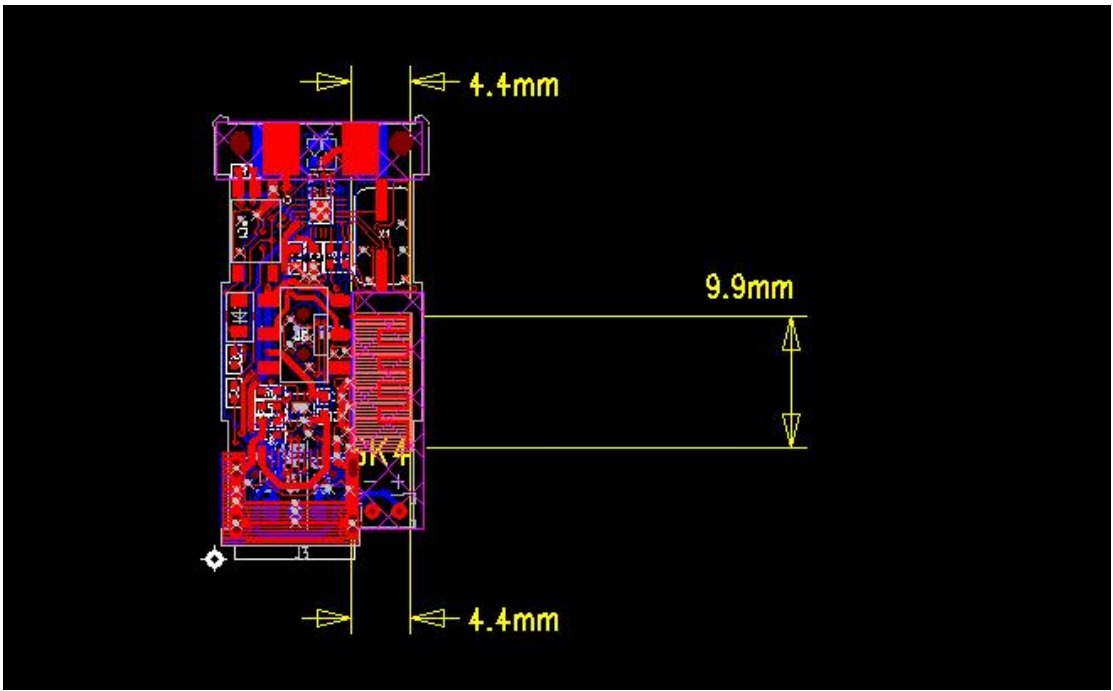


Antenna data sheet

ITEM	ANT SPEC
Model:	2.4G ANT
Date:	October 16, 2024
Versions:	V1.0
Manufacturer	Sinco Intelligent Technology Co.,Ltd.
Address	Room 805-807, No.17, Wenheng Street, Sanzao Town, Jinwan District, Zhuhai City, China

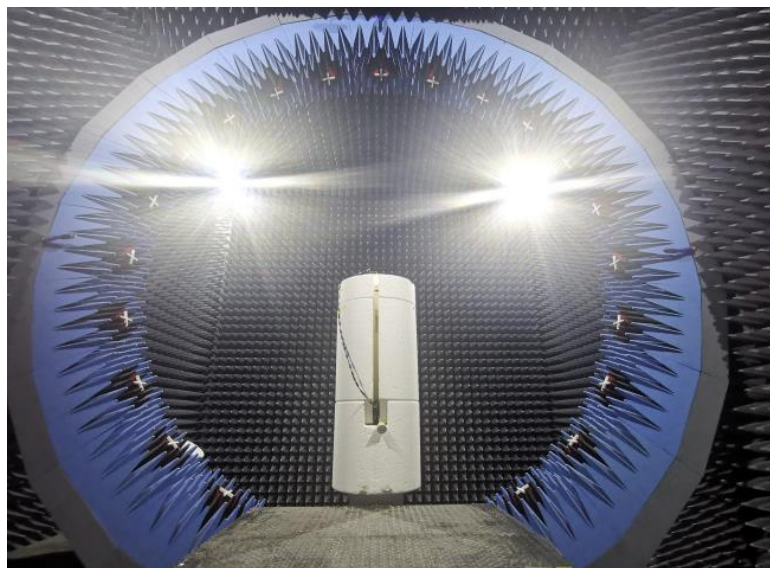
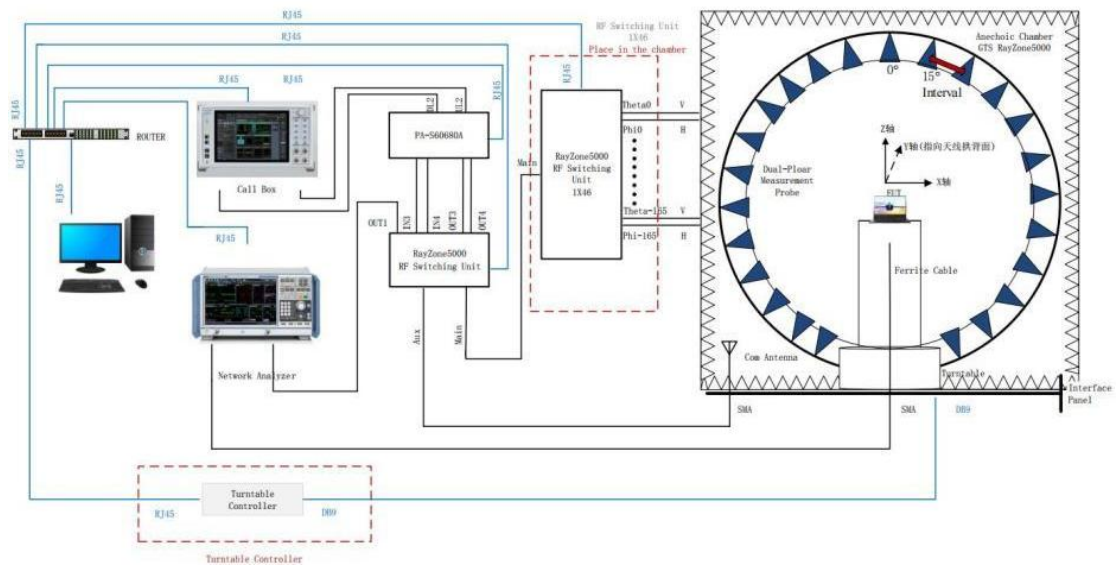
1. Ant Size:



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

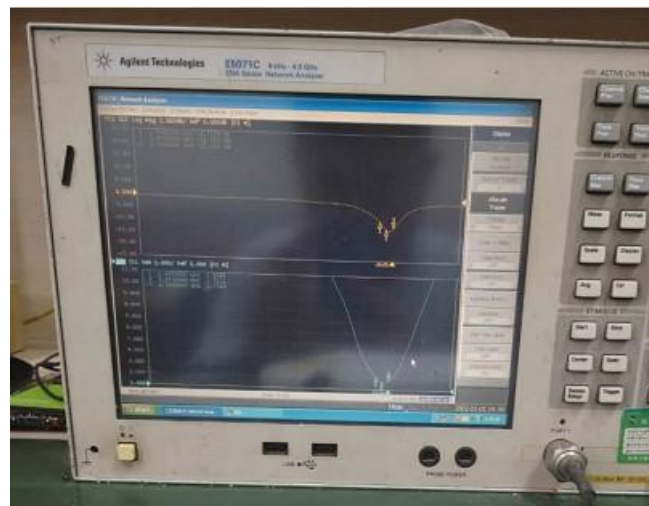


4. Performance parameter

Frequency range	2400-2500MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	1.22
Antenna type	PCB
Temperature	-20~50

5. VSWR Test Data

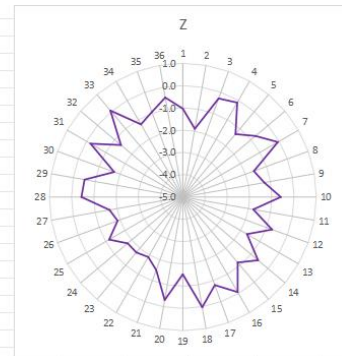
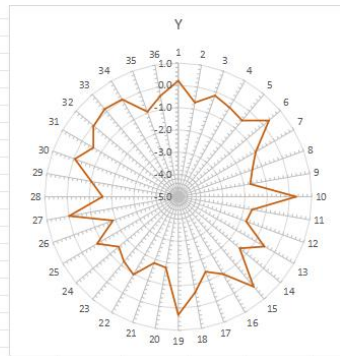
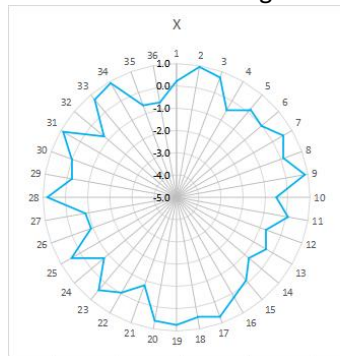
Frequency(MHz)	Return Loss	VSWR
2400	-8.56	2.46
2450	-11.23	2.29
2500	-10.83	2.74



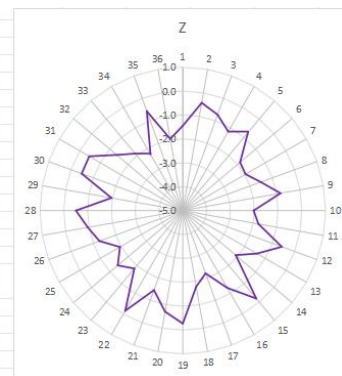
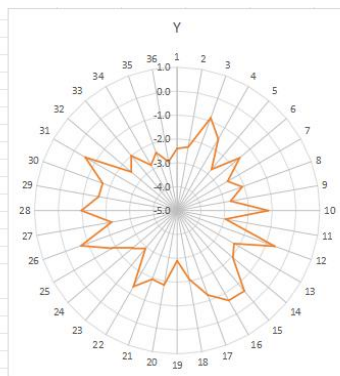
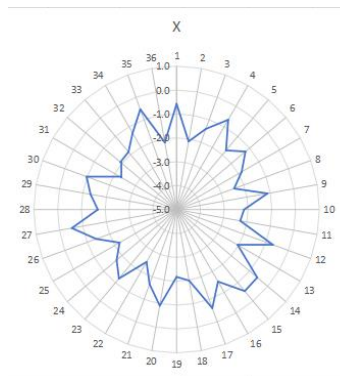
6. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
2400	1.46	1.0
2410	1.31	0.58
2420	1.24	0.45
2430	1.59	0.33
2440	1.66	0.54
2450	1.38	-0.16
2460	1.37	-0.45
2470	1.42	-0.59
2480	1.26	1.22
2490	1.25	-0.55
2500	1.31	-1.39

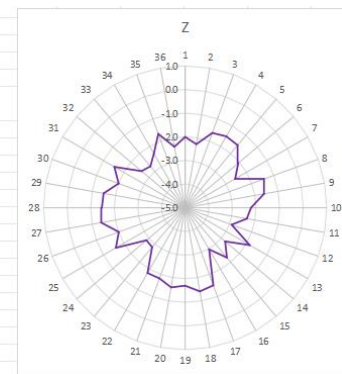
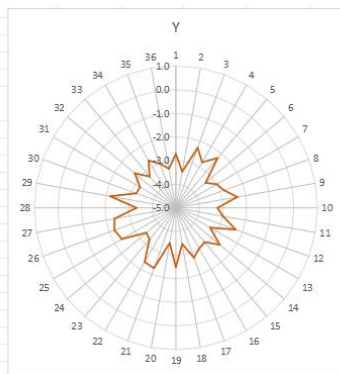
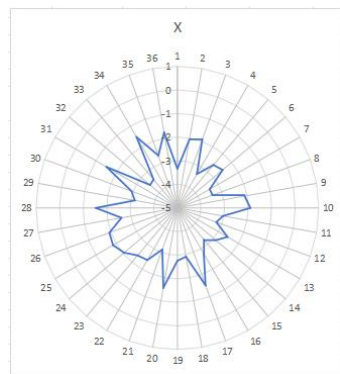
7. Test Directional diagram



2400MHz



2440MHz



2500MHz

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