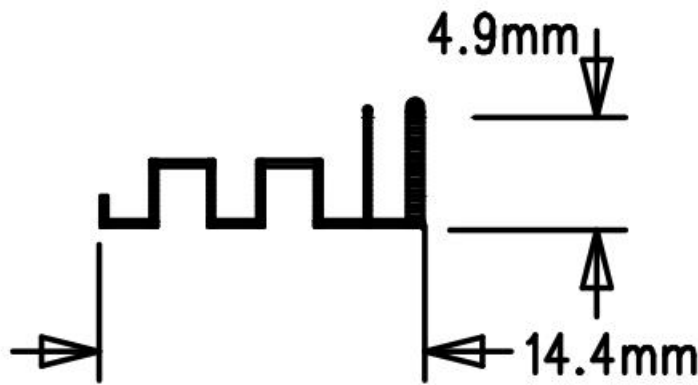


Antenna data sheet

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

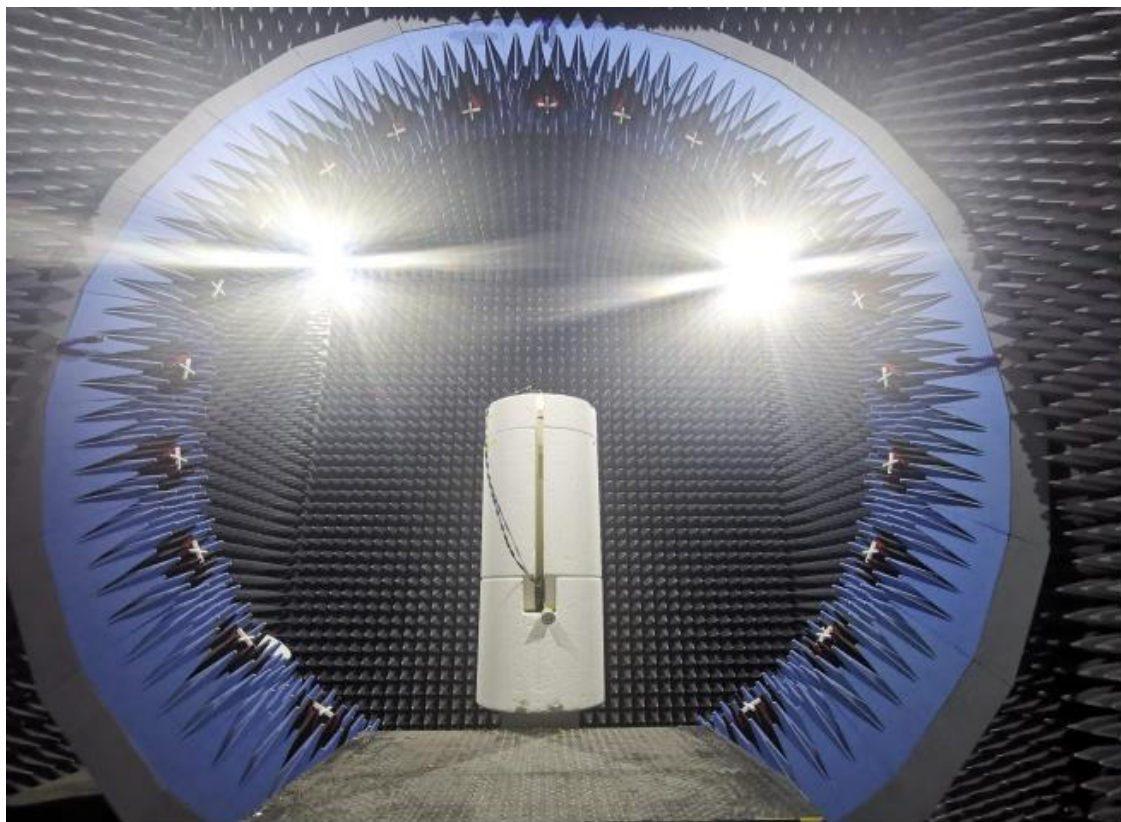
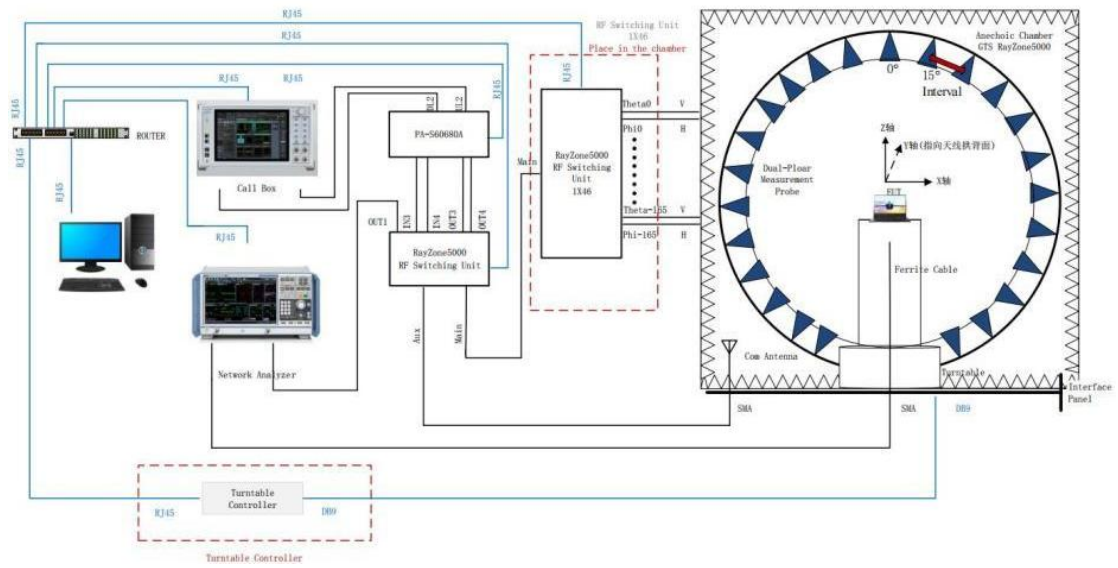
1. Ant Size:



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

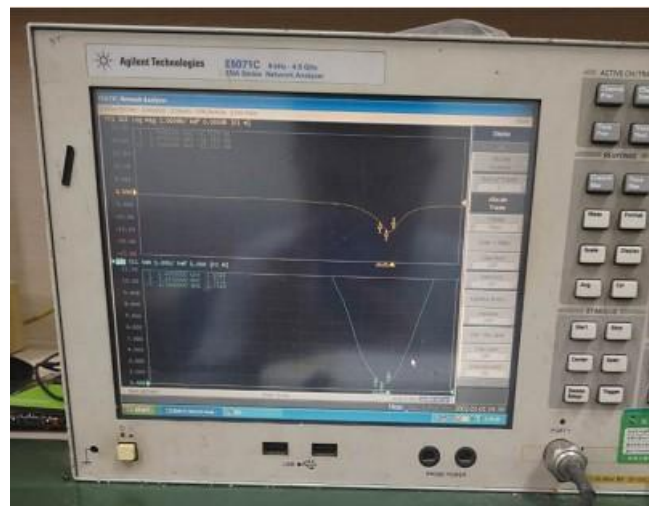


4. Performance parameter

Frequency range	2400-2500MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	0.67
Antenna type	PCB
Temperature	-20~50

5. VSWR Test Data

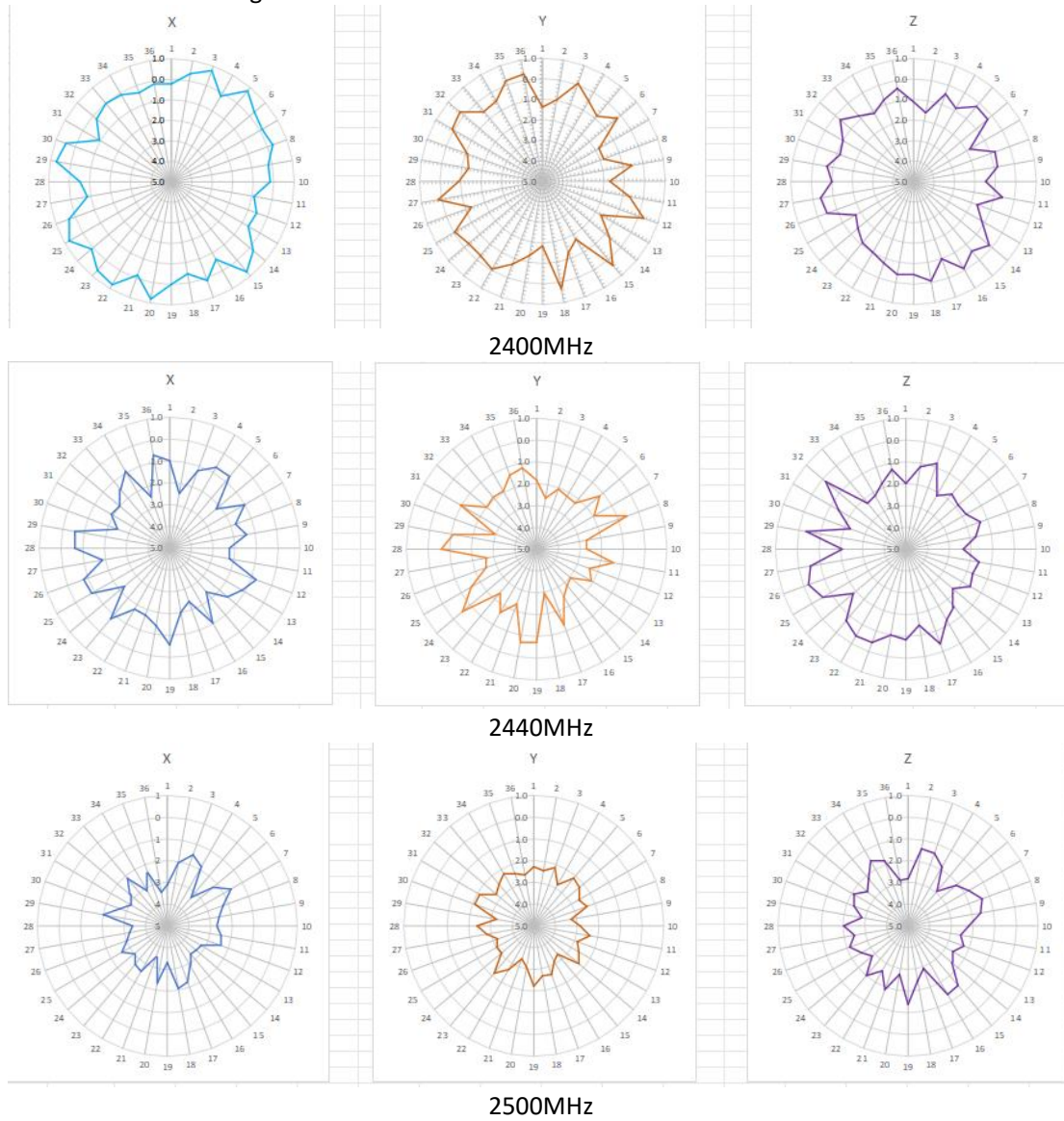
Frequency(MHz)	Return Loss	VSWR
2400	-8.62	1.56
2450	-11.55	2.23
2500	-10.74	2.23



6. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
2400	1.41	0.67
2410	1.38	0.44
2420	1.53	0.31
2430	1.44	0.19
2440	1.31	0.40
2450	1.34	-0.18
2460	1.45	-0.47
2470	1.44	-0.61
2480	1.29	0.52
2490	1.51	-0.57
2500	1.41	-1.35

7. Test Directional diagram



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