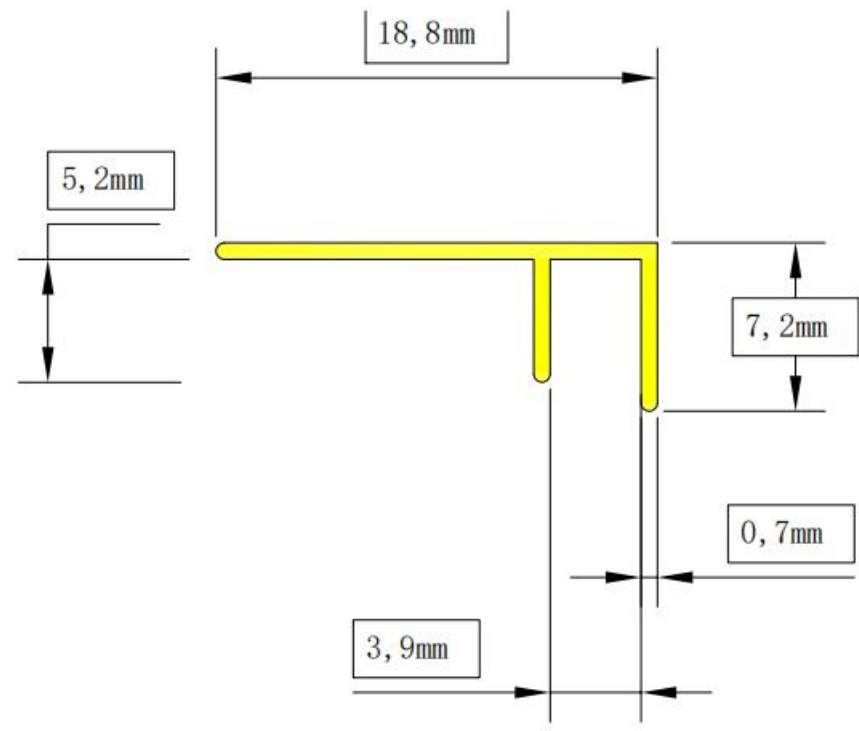


Antenna data sheet

ITEM	ANT SPEC
Model:	2.4G ANT
Date:	October 16, 2024
Versions:	V1.0
Manufacturer	Shenzhen Xinyanxin Technology Co., LTD.
Address	805 Room 201, Building A, No.1 Qianwan1stRoad, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen

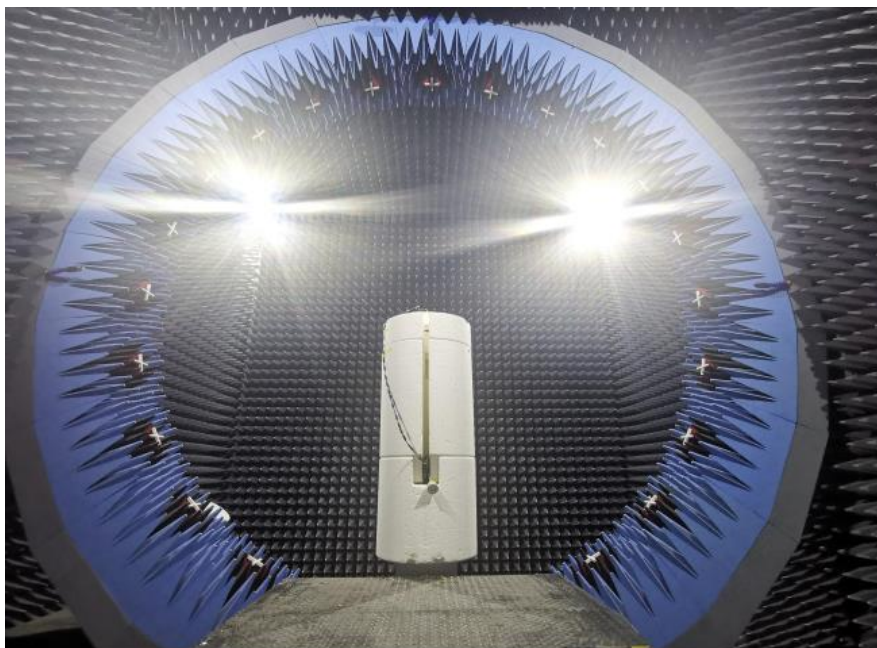
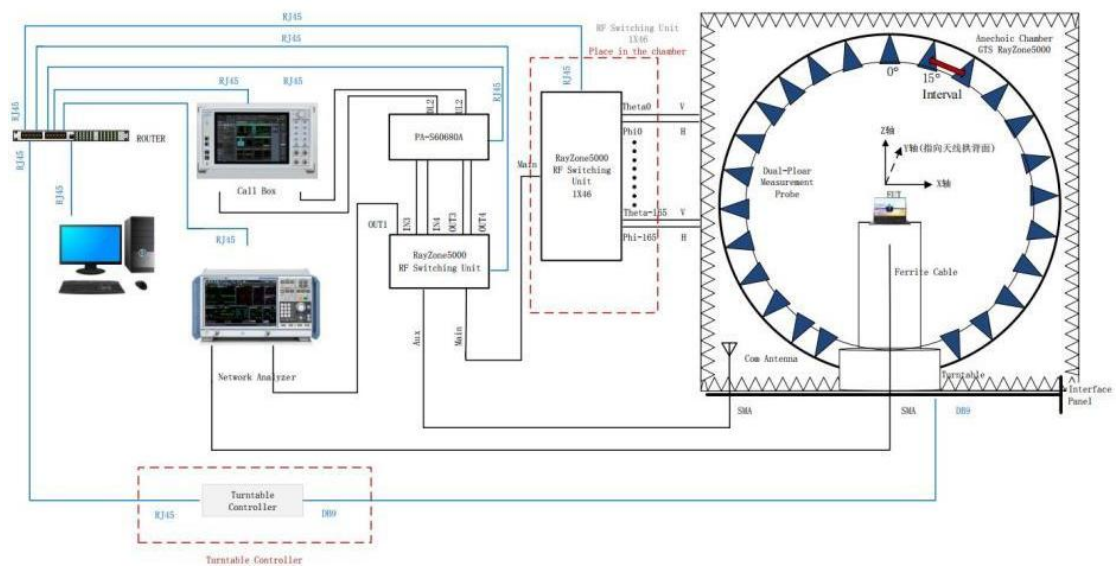
1. Ant Size:



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

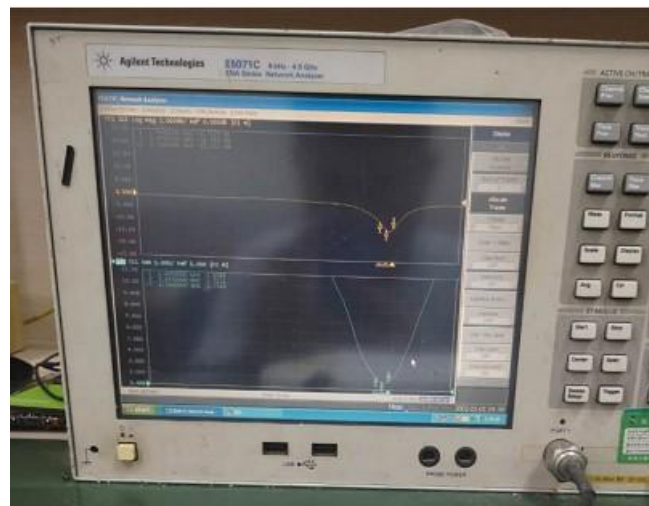


4. Performance parameter

Frequency range	2400-2500MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	-0.01
Antenna type	PCB
Temperature	-40~80

5. VSWR Test Data

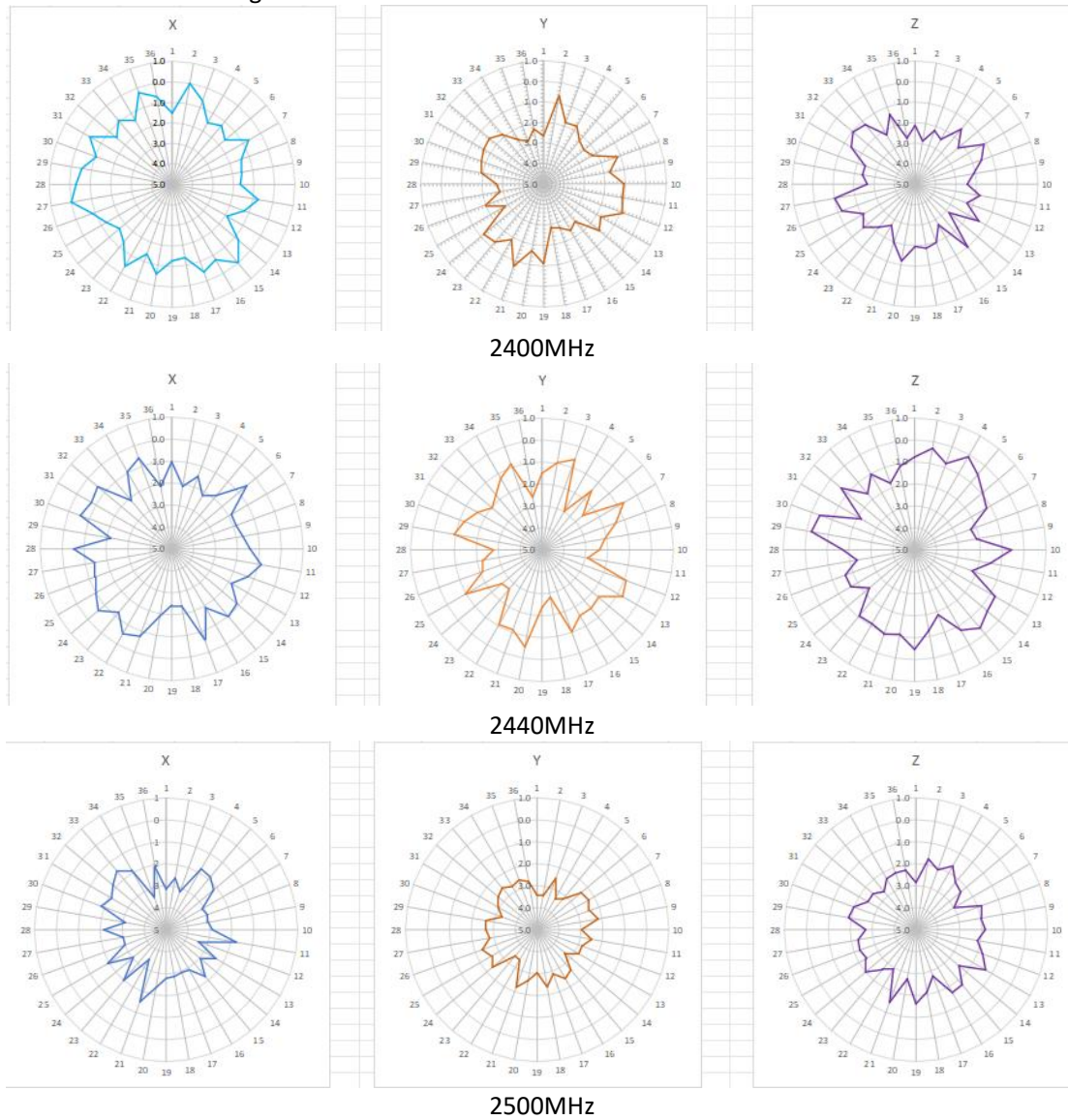
Frequency(MHz)	Return Loss	VSWR
2400	-8.11	2.09
2450	-11.62	2.78
2500	-11.08	2.58



6. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
2400	1.52	-0.01
2410	1.62	-0.37
2420	1.41	-0.50
2430	1.50	-0.62
2440	1.39	-0.41
2450	1.64	-0.11
2460	1.20	-0.40
2470	1.47	-0.54
2480	1.62	1.27
2490	1.44	-0.50
2500	1.66	-1.34

7. Test Directional diagram



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