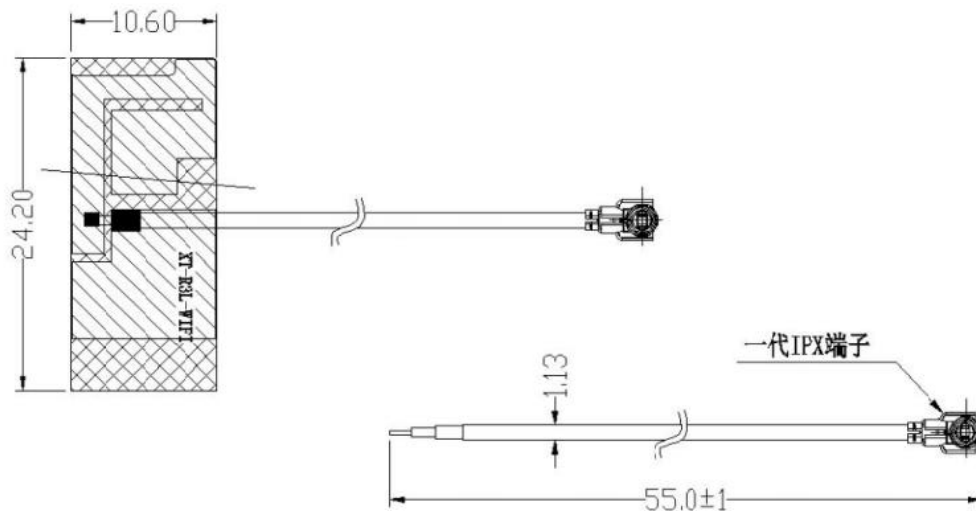


ANT Data sheet

Manufacturer:	Shenzhen Hechuangweishi Technology Co., LTD.
Add:	No.203 Building A, No.54-6 Guanlan Road, Xinhe Community Fucheng Street Longhua District, Shenzhen City,China
Model:	R3L-WIFI-ANT
Date:	October 11, 2025
Versions:	V1.2.2

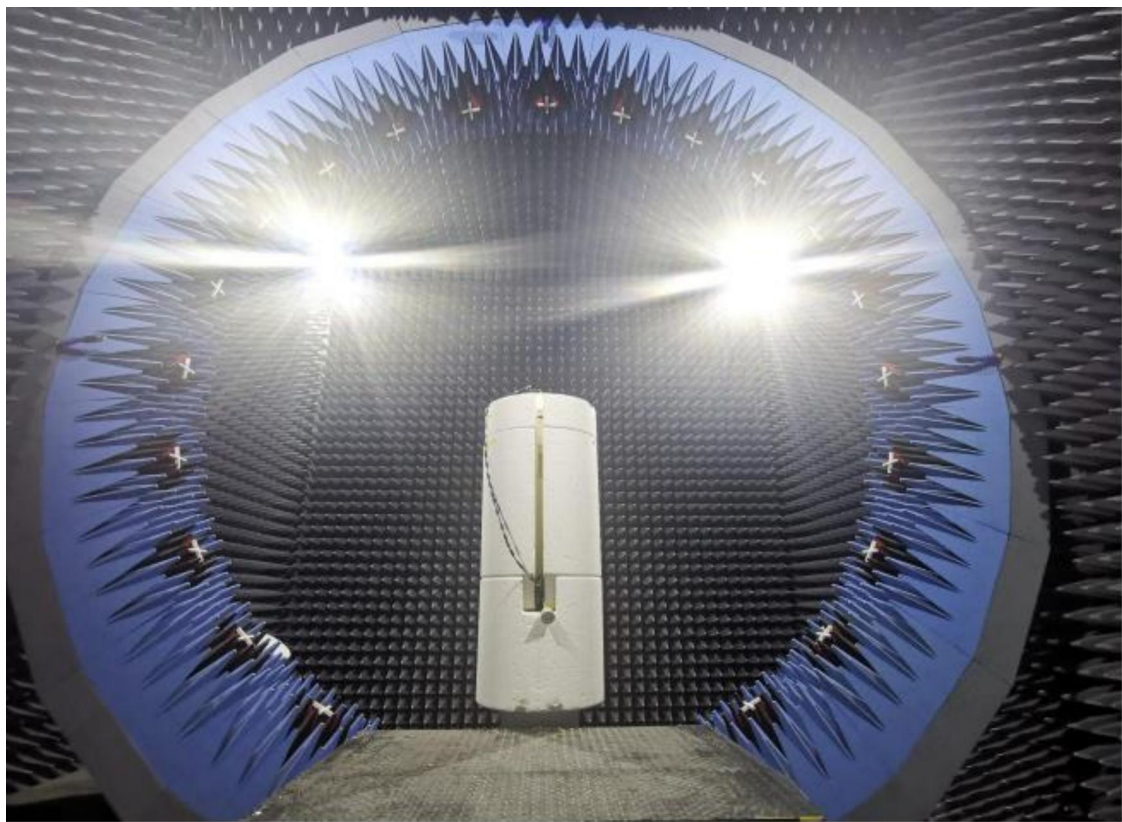
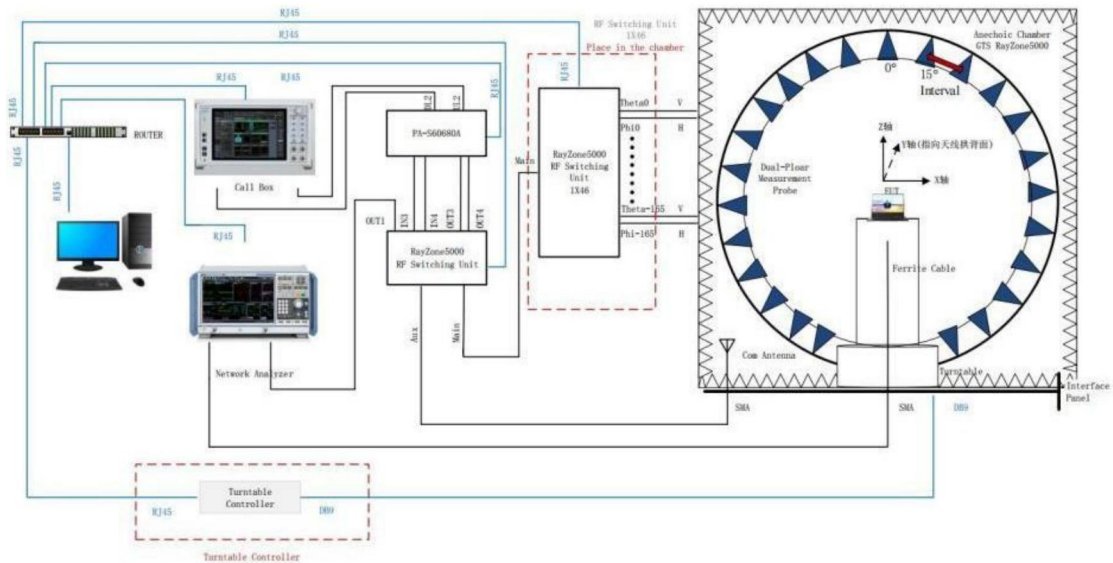
1.AntSize:



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



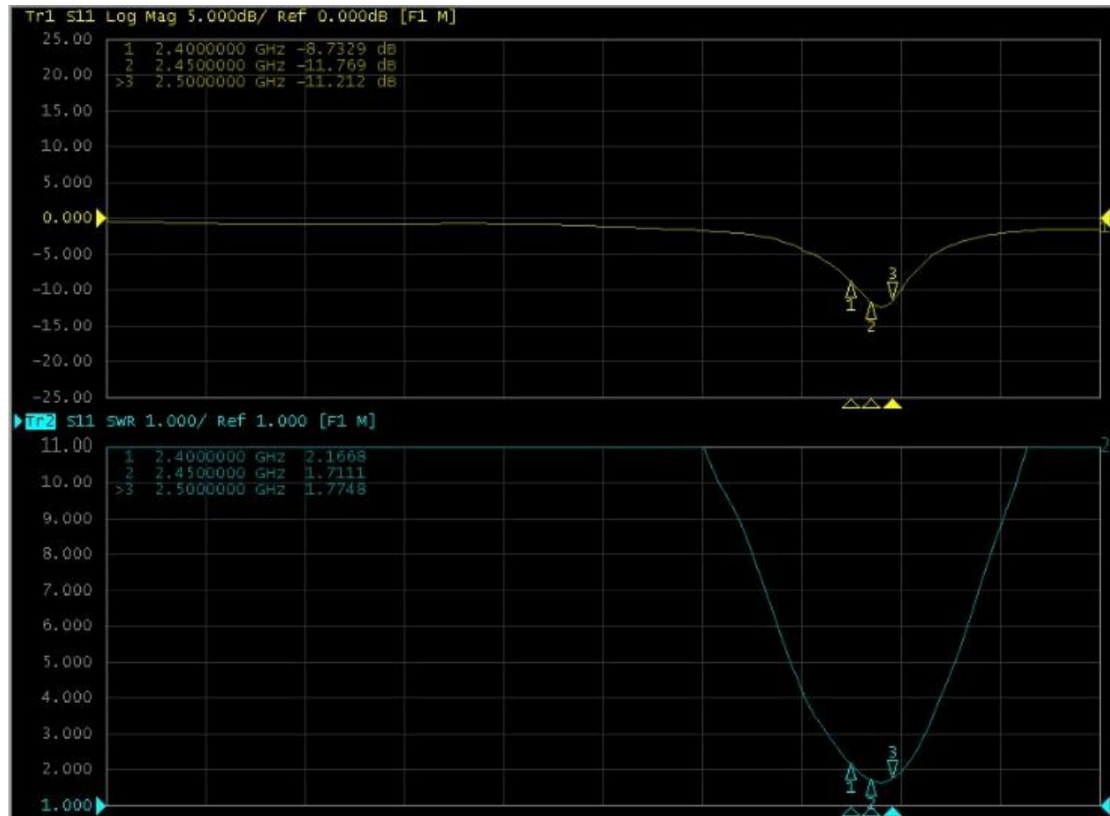
4. Performance parameter

Frequency range	2412-2484MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	1.65
Antenna type	FPC Wire Antenna
Temperature	-40~80

5. VSWR Test Data

Frequency(MHz)	Return Loss	VSWR
2412	-8.11	2.14
2450	-10.87	1.82
2484	-10.84	2.18

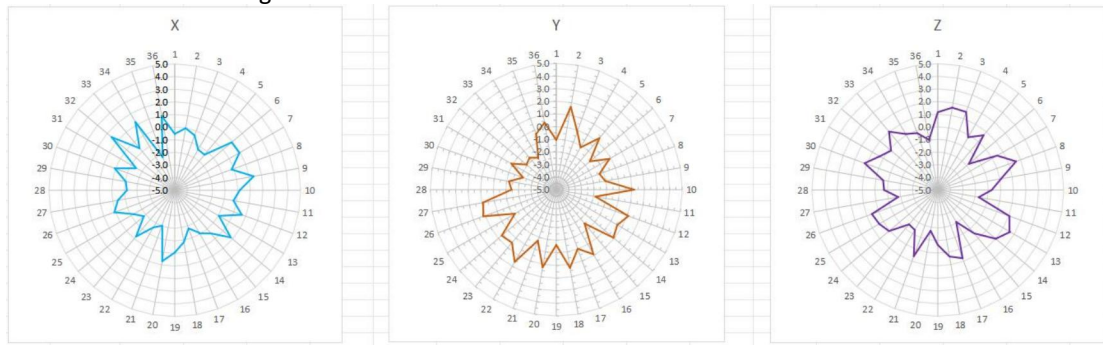




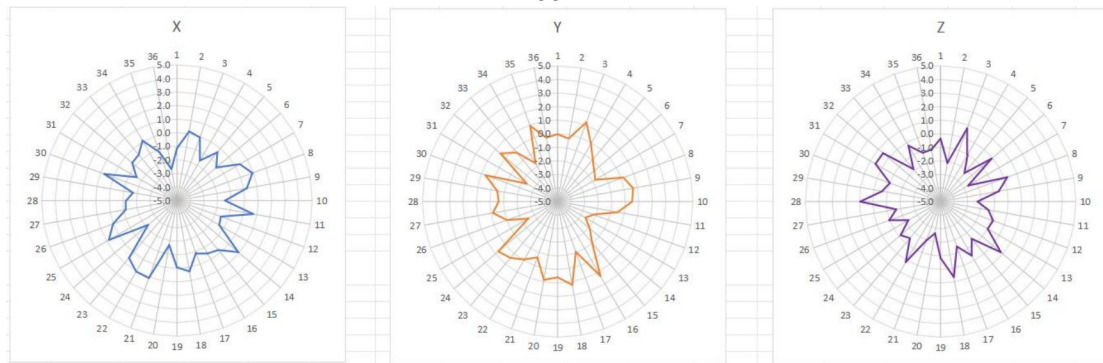
6. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
2412	1.60	1.65
2410	1.26	1.29
2420	1.68	1.16
2430	1.36	1.04
2440	1.52	1.25
2450	1.24	1.33
2460	1.24	1.04
2465	1.53	0.90
2470	1.64	1.30
2475	1.26	0.94
2484	1.67	0.97

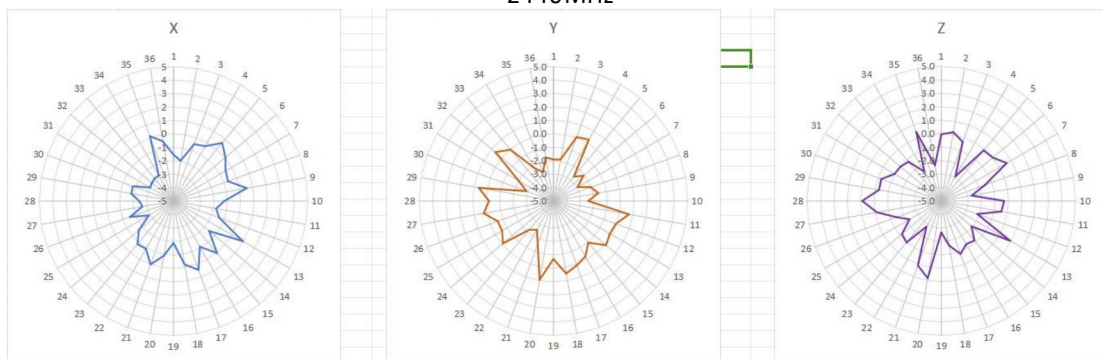
7. Test Directional diagram



2400MHz



2440MHz



2500MHz

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