

ANT Report

Manufacturer:	Hangzhou Sciener Intelligent Control Technology Co., Ltd
Add:	Room 1101, Building A2, No. 2-150 Yunlian Road, Yuhang Sub-district, Yuhang District, Hangzhou City, Zhejiang Province, P.R.China
Model:	SN-715
Date:	October 25, 2024
Versions:	V1.1

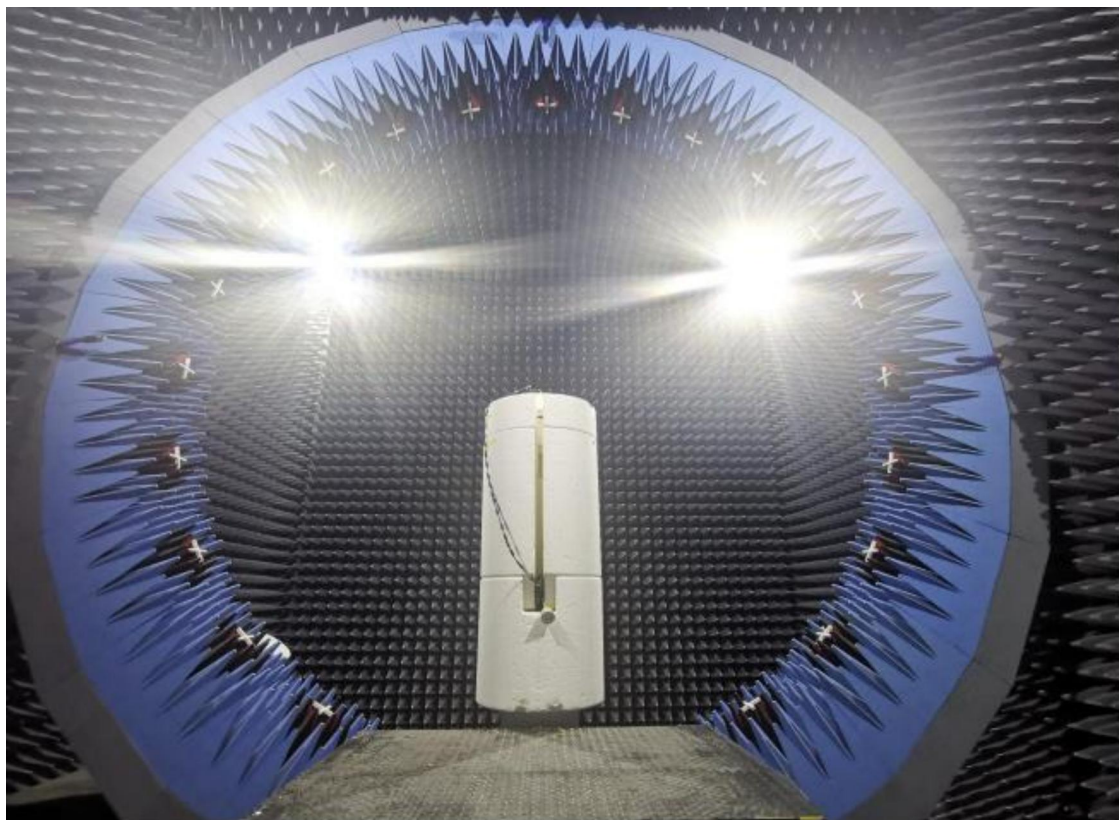
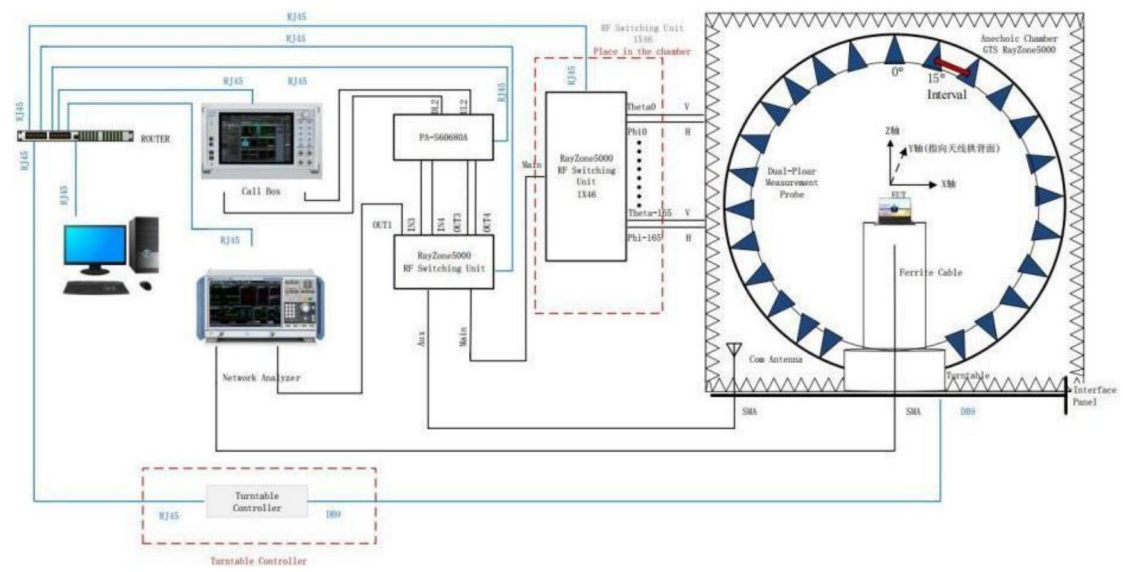
1. Ant Size:



2. Test equipment list

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

3. Test setup



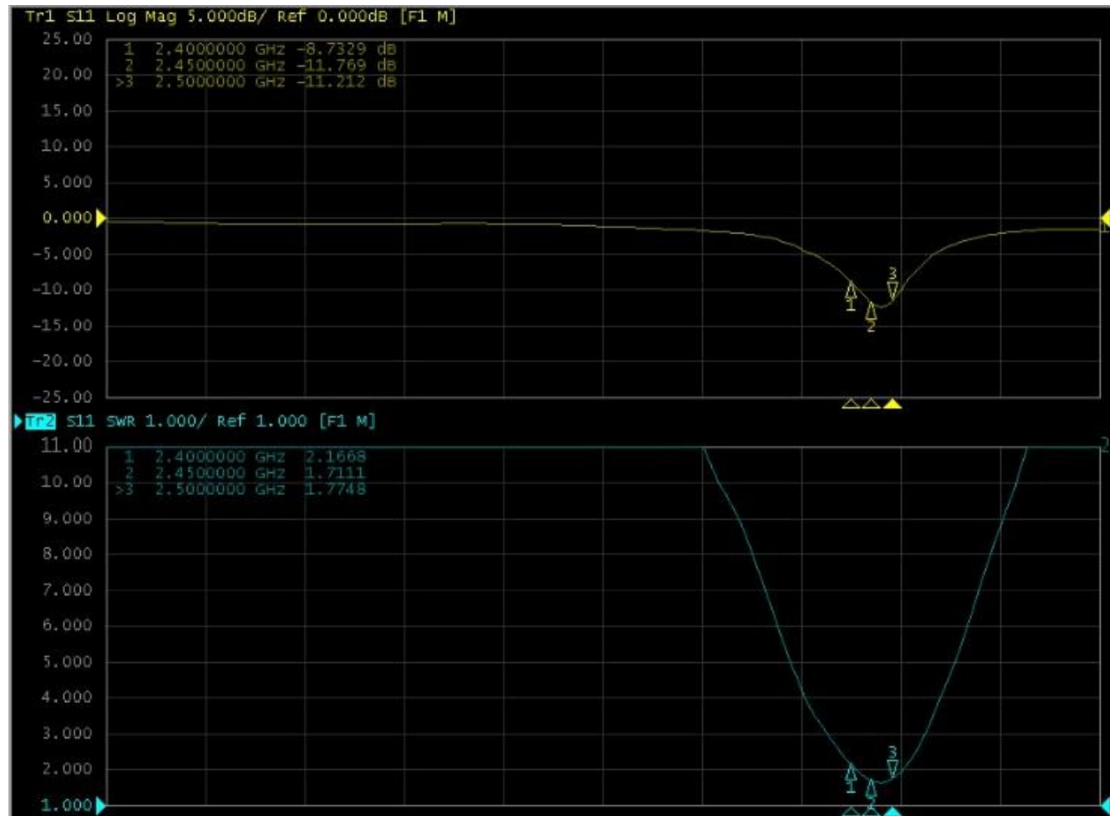
4. Performance parameter

Frequency range	2400-2500MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	1.65
Antenna type	Wire Antenna
Temperature	-40~80

5. VSWR Test Data

Frequency(MHz)	Return Loss	VSWR
2400	-8.11	2.14
2450	-10.87	1.82
2500	-10.84	2.18

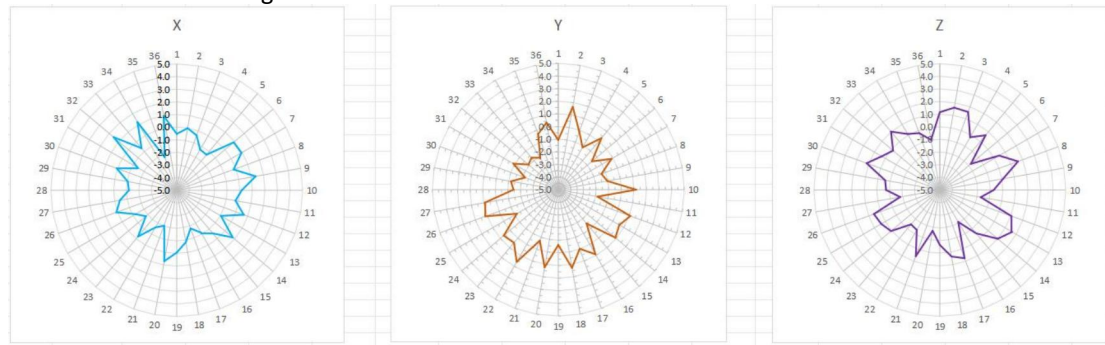




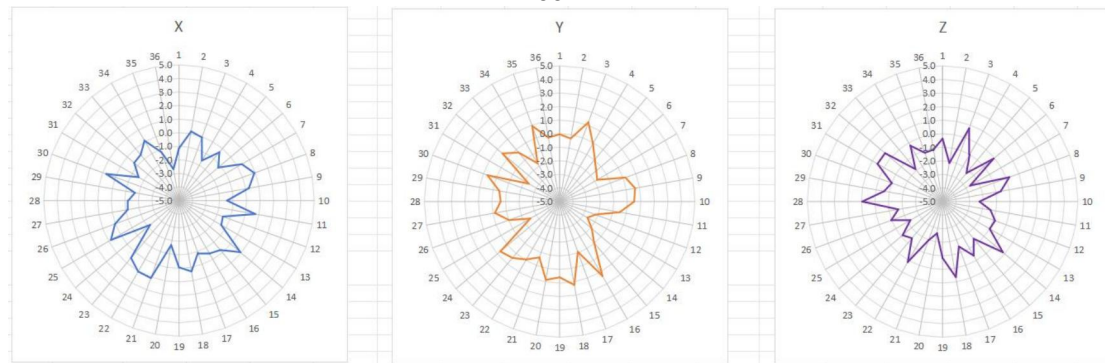
6. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
2400	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
2470	1.53	0.90
2480	1.64	1.30
2490	1.26	0.94
2500	1.67	0.97

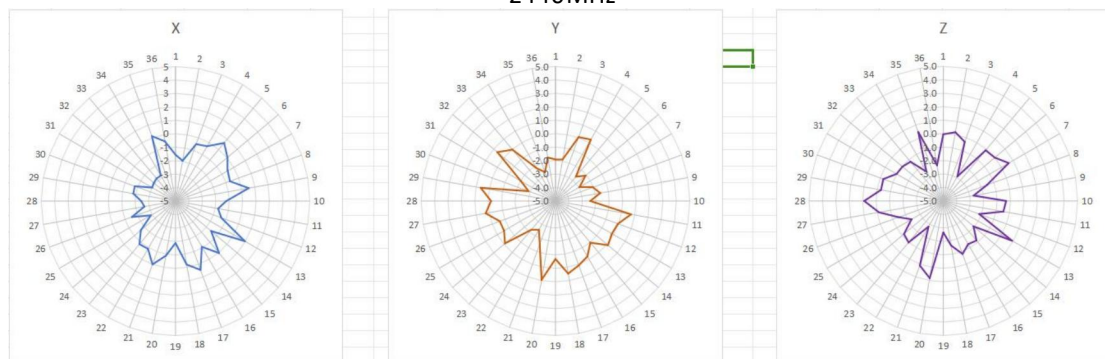
7. Test Directional diagram



2400MHz



2440MHz



2500MHz

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