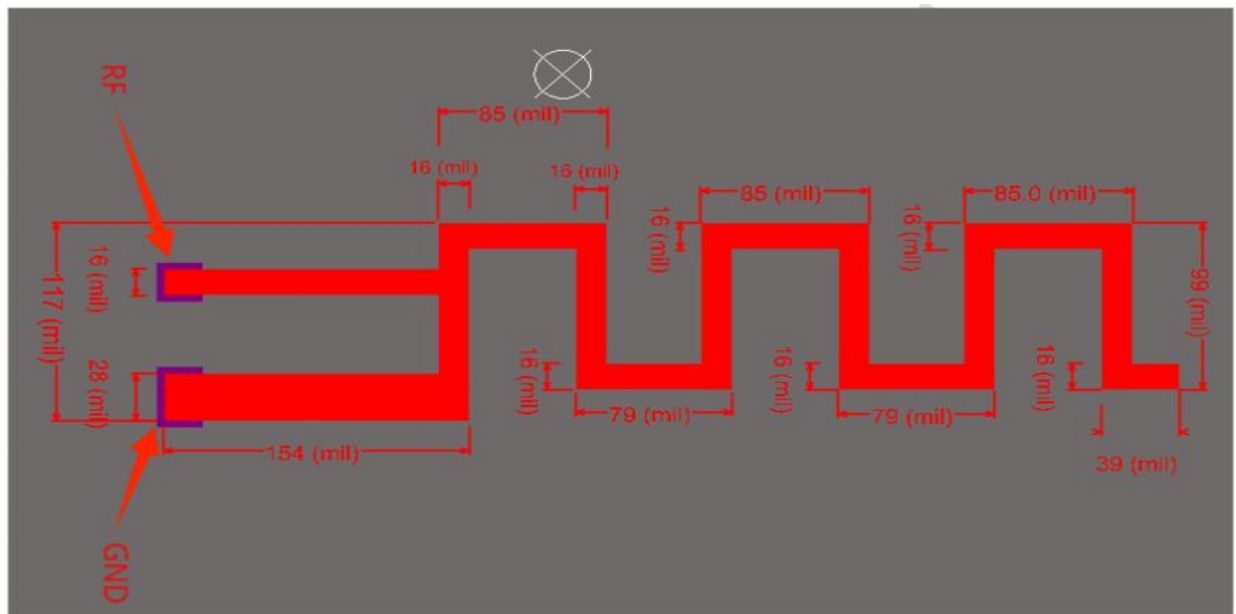


ANT Data Sheet

Manufacturer:	Shenzhen City Rongyuan technology Co.,LTD
Address:	2205,2206,Building 6,Phase2(Parcel02-07),Tianan Yungu Industrial Park,Gangtou Community,Bantian Street, Longgang District,Shenzhen
Model:	TF01
Date:	October 23, 2024
Versions:	V1.0

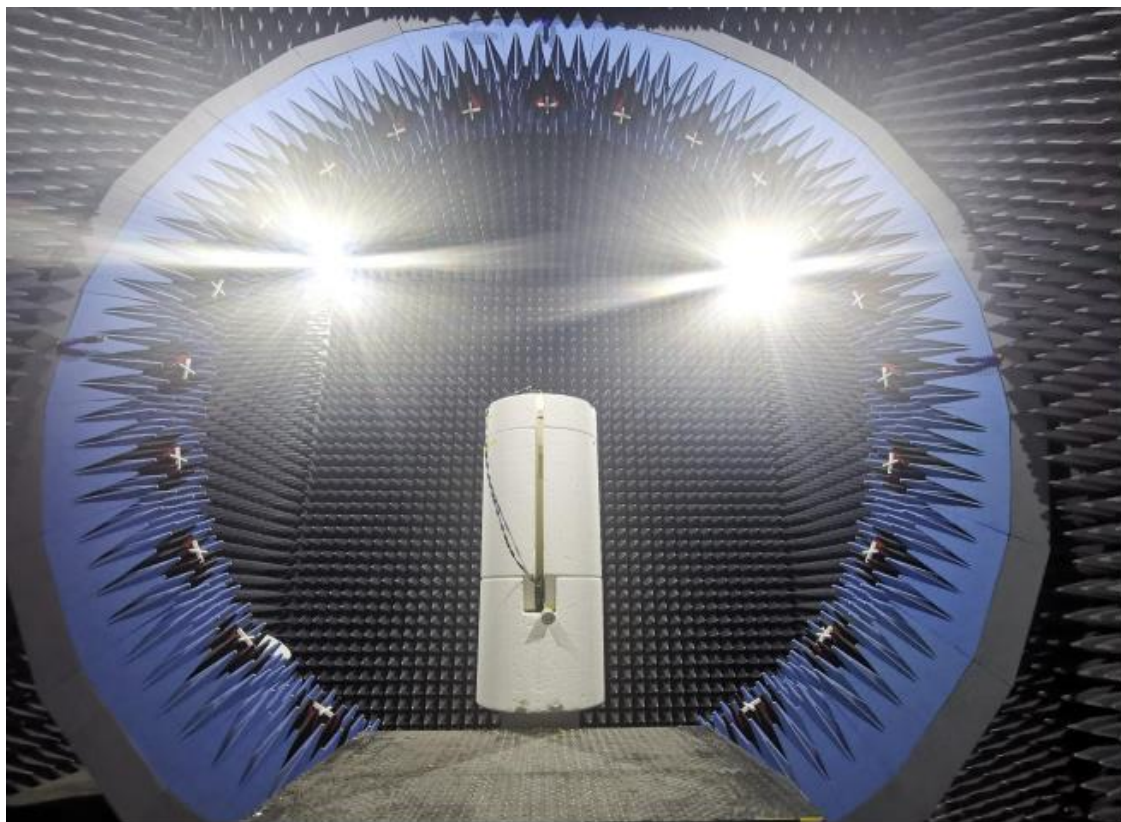
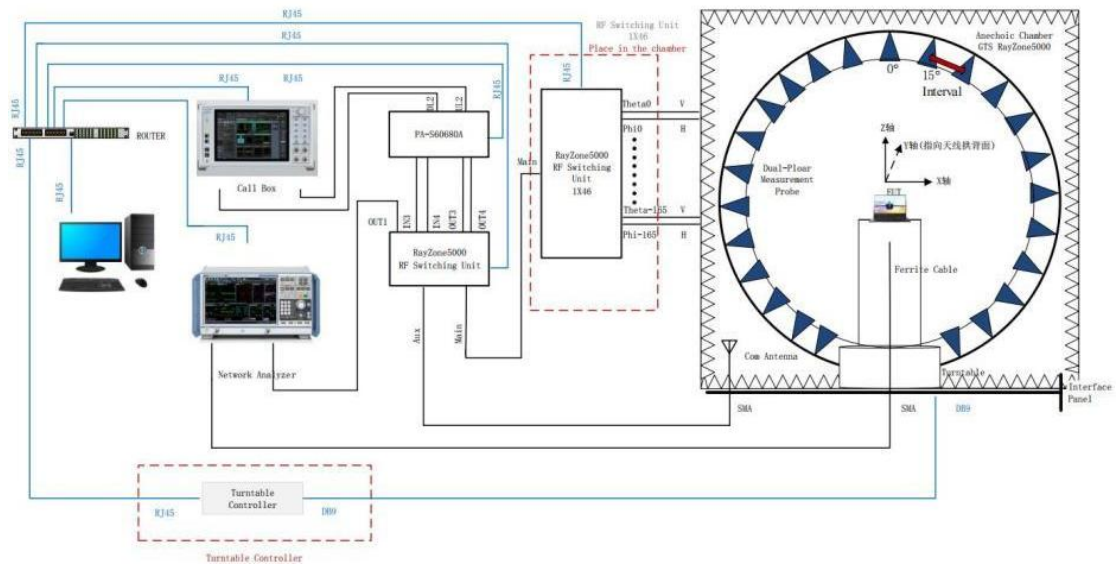
1. Ant Size:



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

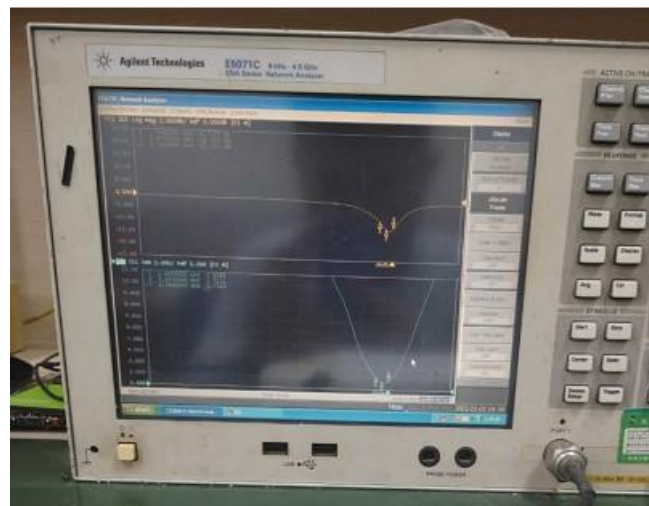


4. Performance parameter

Frequency range	2400-2500MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	3.21
Antenna type	PCB
Temperature	-40~80

5. VSWR Test Data

Frequency(MHz)	Return Loss	VSWR
2400	-7.90	2.30
2450	-11.25	2.62
2500	-10.68	2.78

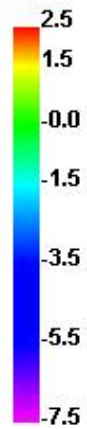
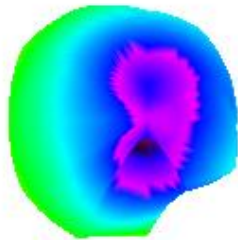


6. Gain and Effi

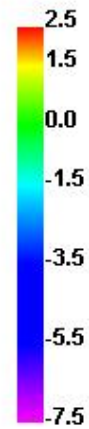
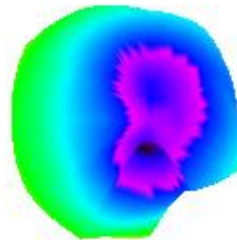
Frequency(MHz)	Effi	Peak Gain
2400	-2.72	2.47
2410	-2.56	2.52
2420	-2.51	2.61
2430	-2.45	2.57
2440	-2.06	2.96
2450	-1.76	3.17
2460	-1.7	3.21
2470	-1.87	2.96
2480	-1.82	2.94
2490	-1.63	3.00
2500	-1.49	2.94

7. 3D 图

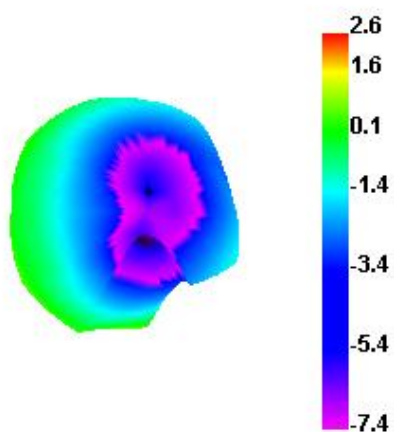
2400.000MHz



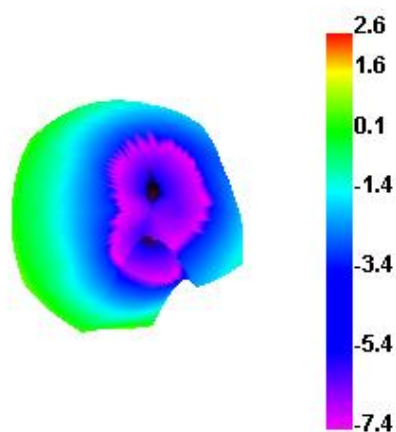
2410.000MHz



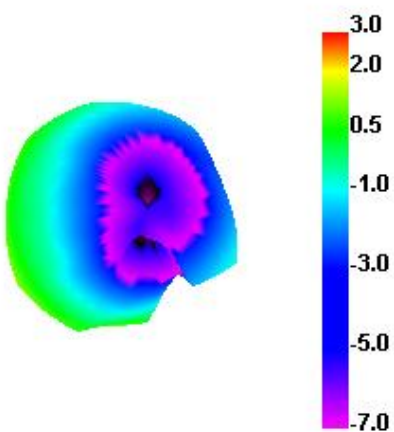
2420.000MHz



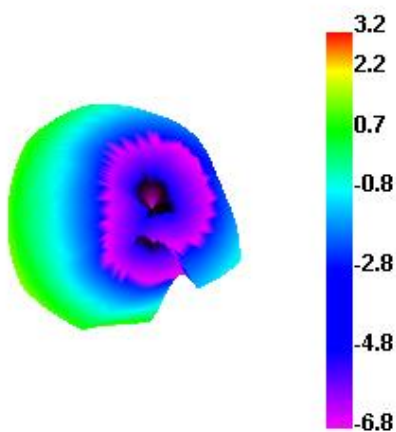
2430.000MHz



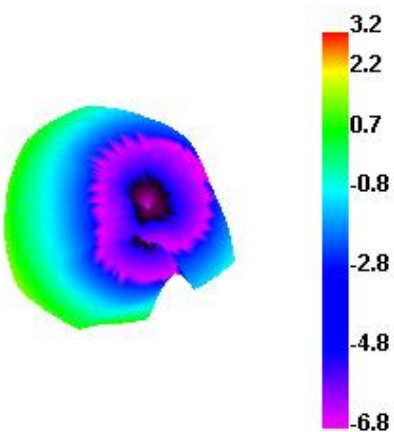
2440.000MHz



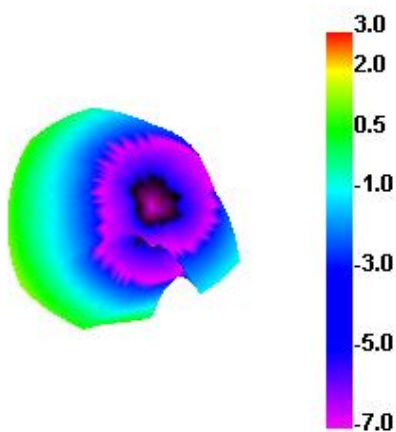
2450.000MHz



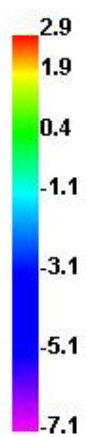
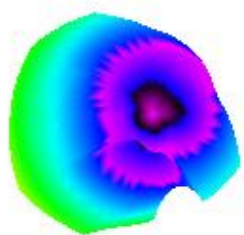
2460.000MHz



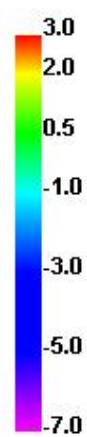
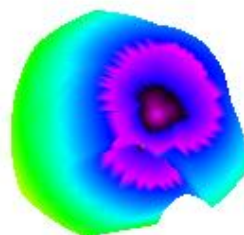
2470.000MHz



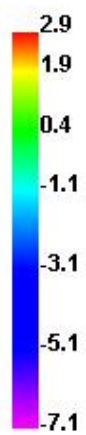
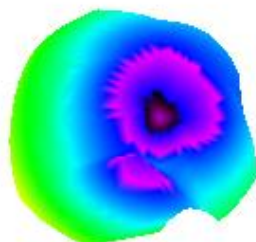
2480.000MHz



2490.000MHz

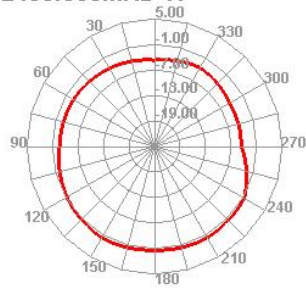


2500.000MHz

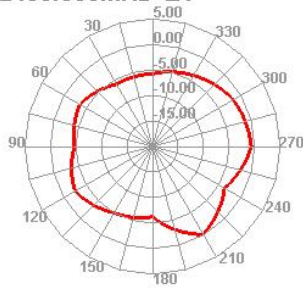


8. Test Directional diagram

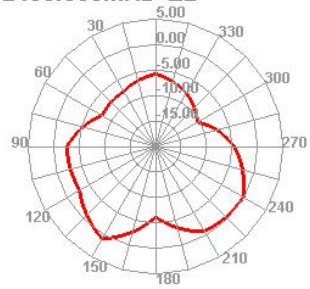
2400.000MHz H



2400.000MHz E1

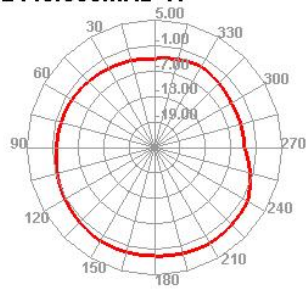


2400.000MHz E2

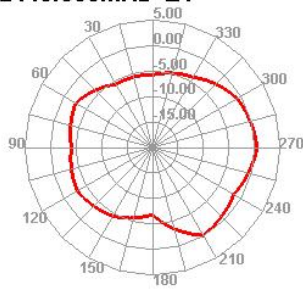


2400MHz

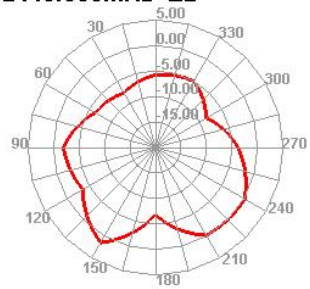
2440.000MHz H



2440.000MHz E1

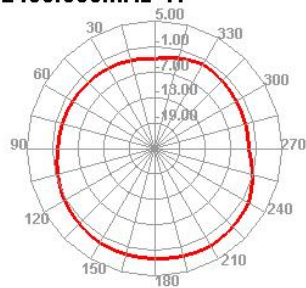


2440.000MHz E2

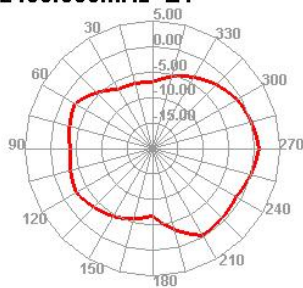


2440MHz

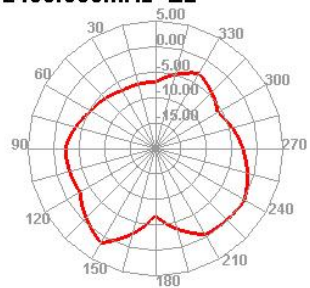
2480.000MHz H



2480.000MHz E1



2480.000MHz E2



2480MHz

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