





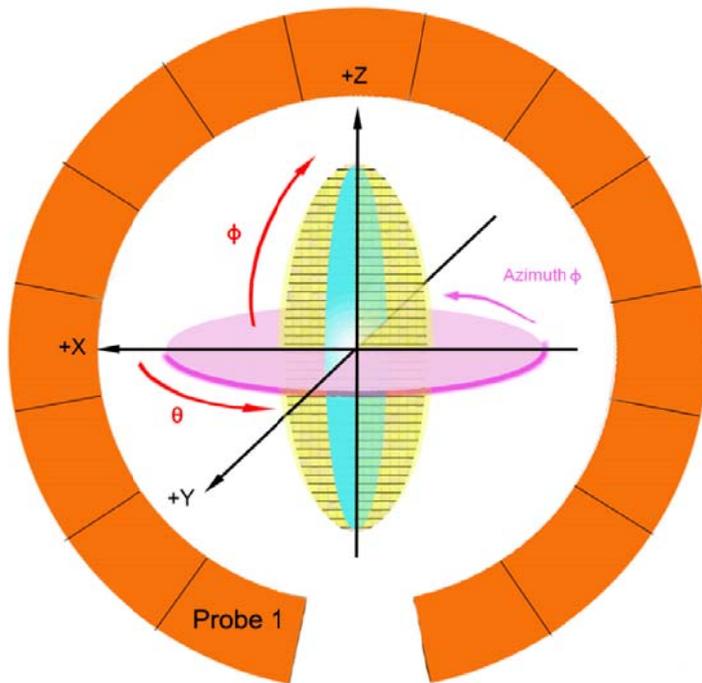
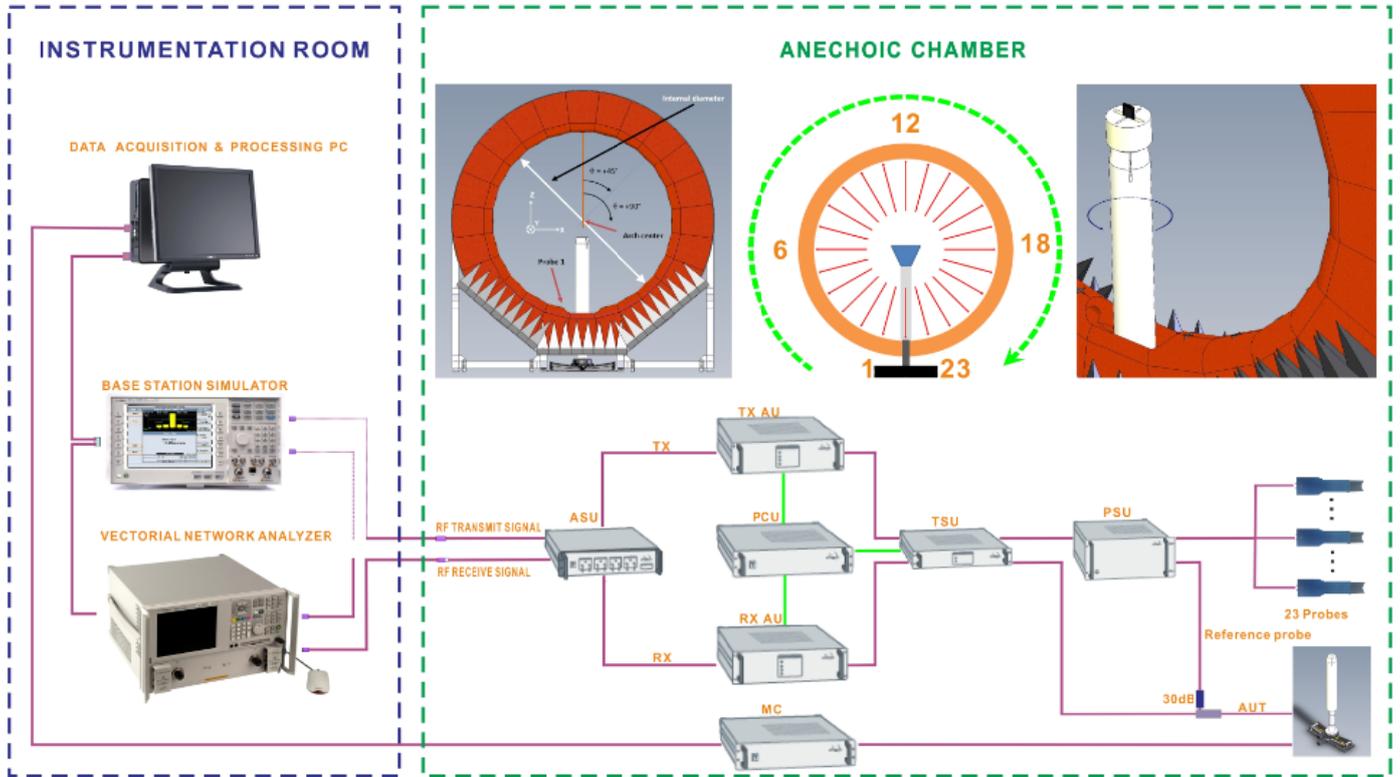
# Specification

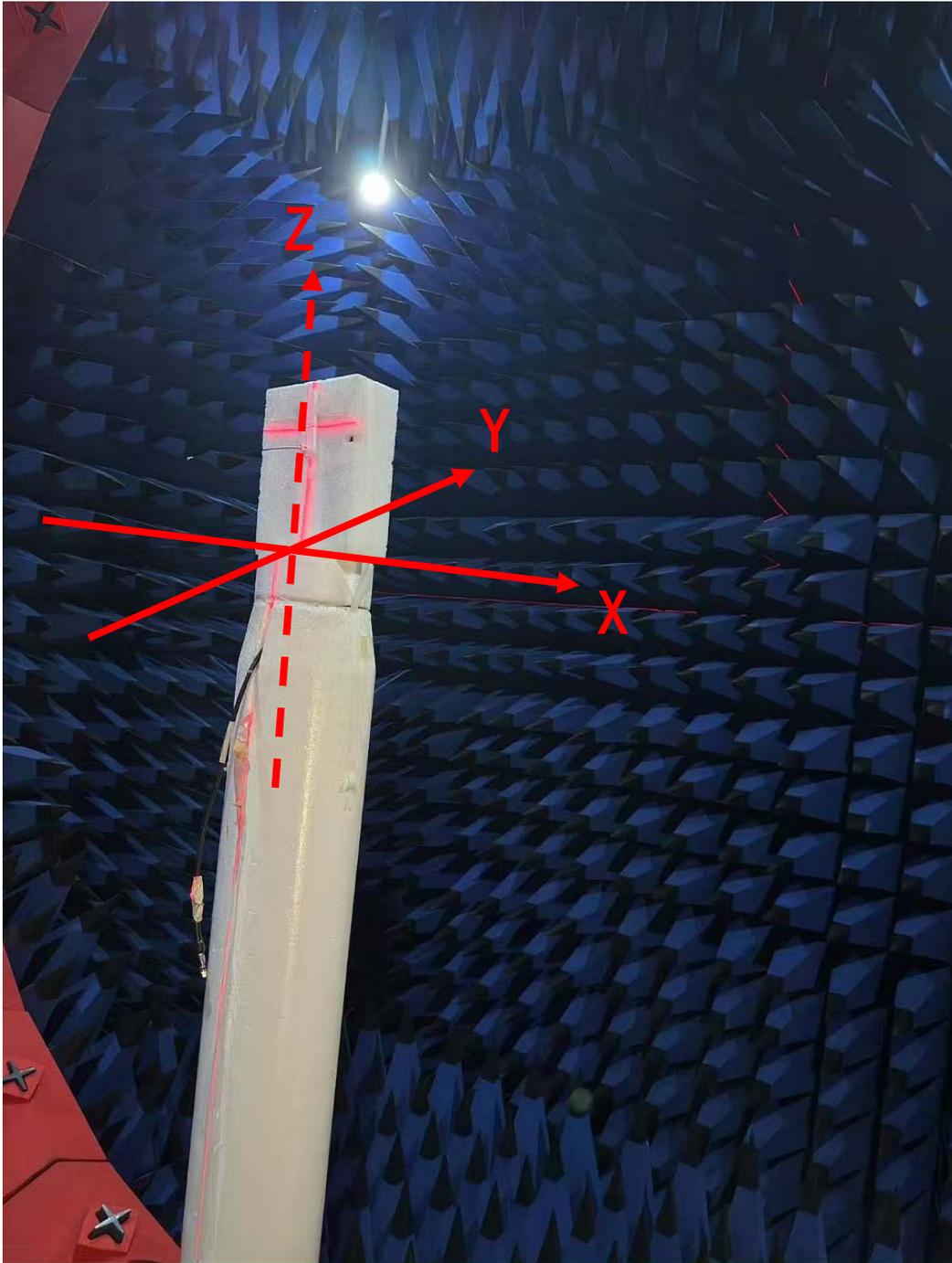
<b>1. Antenna Electrical Properties:</b>		
1.1	Frequency	2.4~2.5GHz/5.15~5.85 GHz
1.2	Impedance	50 ohm Nominal
1.3	VSWR	2.0:1 Max
1.4	Return Loss	-9.5 dB Min.
1.5	Polarization	Line
1.6	Gain	3dBi ± 0.5
<b>2. Physical Properties:</b>		
2.1	Operating Temperature	-30~+60°C
2.2	Storage Temperature	-30~+70°C
2.3	Color	Black
2.4	Cable Length	140mm
2.5	Cable	1.37 Coaxial Cable
2.6	Connector	MHF

# Test Results

## 1 Antenna

### Test Setup

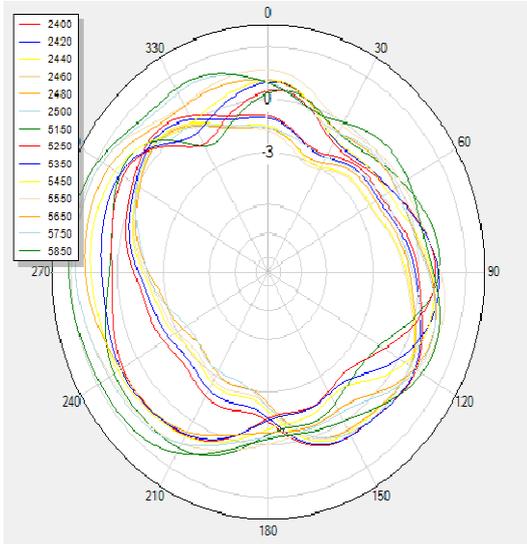




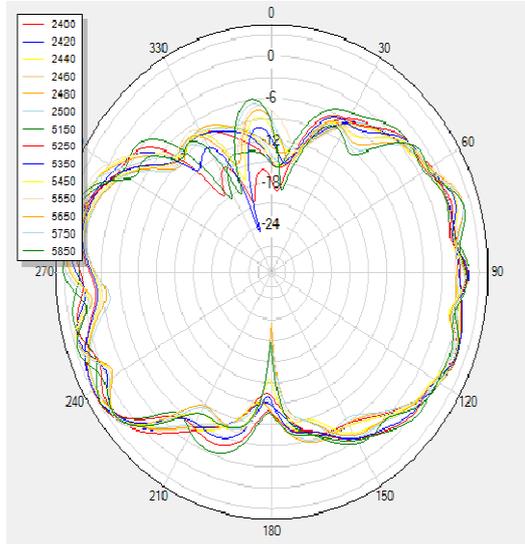
## Radiation patterns test results (Passive Antenna)

## 2D

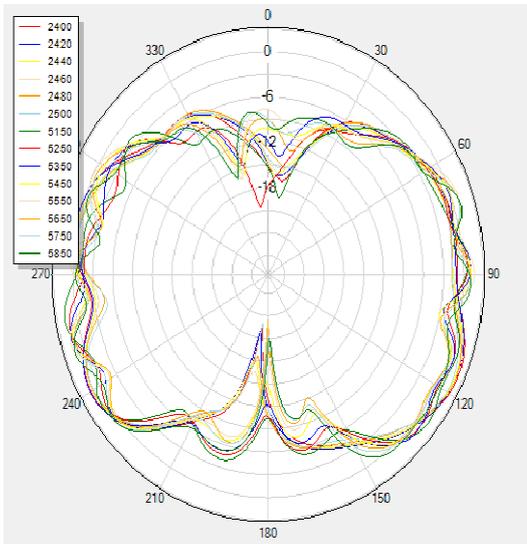
H Theta=90



V Phi=90

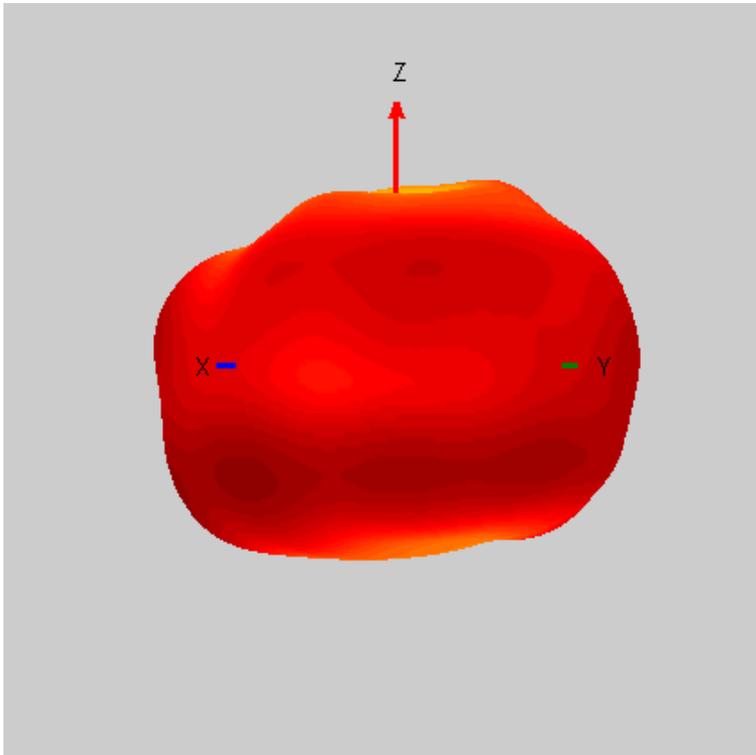


V Phi=0

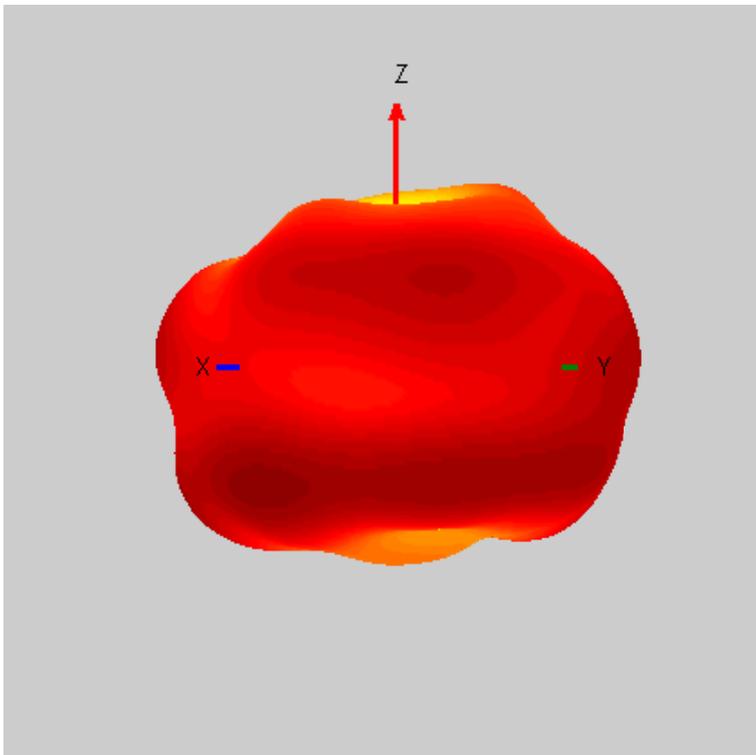


3D

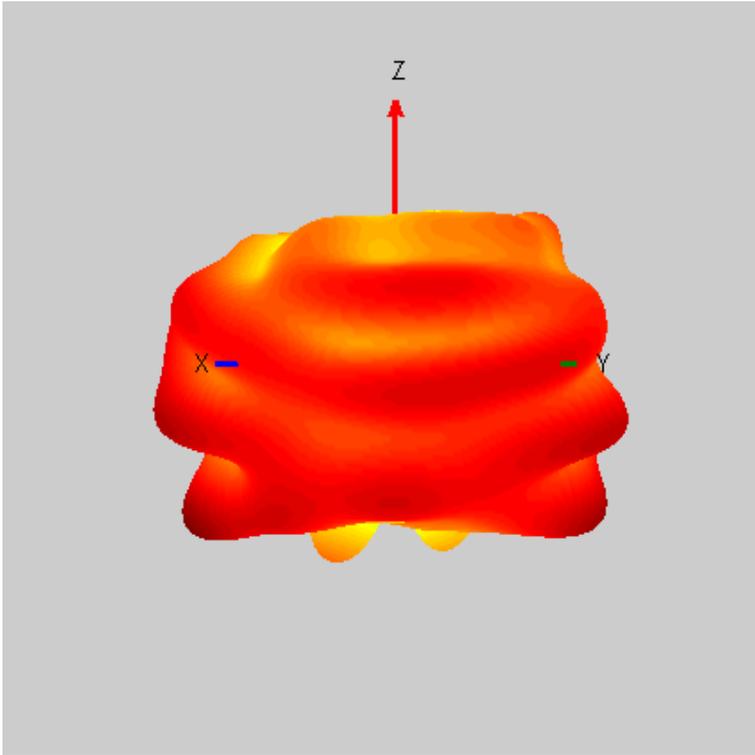
2400



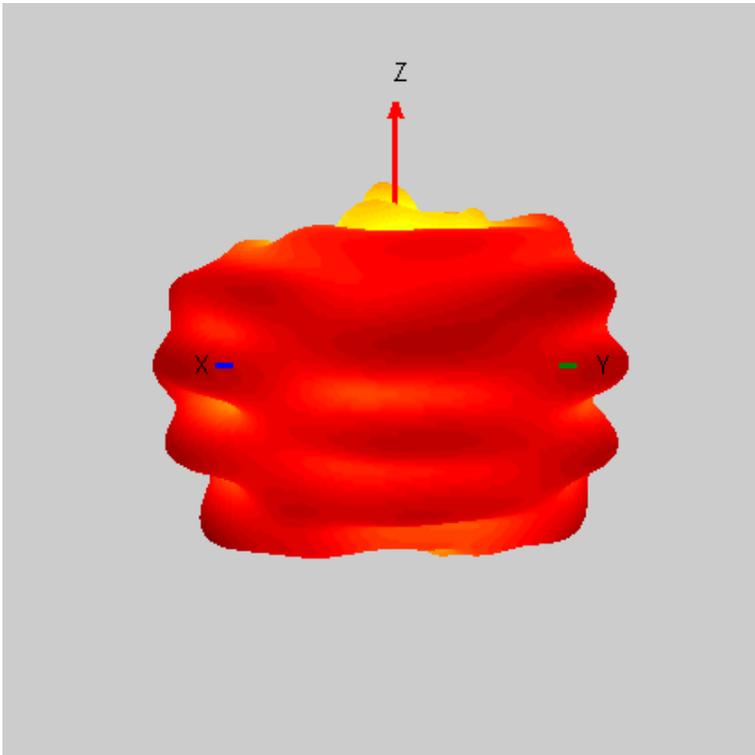
2500



5150



5850





Gain&Efficiency

增益和效率

frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
2400	3.1	79.92
2420	3.13	78.04
2440	2.76	72.71
2460	2.88	71.31
2480	2.97	70.96
2500	2.84	69.14
5150	3.27	81.65
5250	3.17	75.10
5350	3.25	77.09
5450	3.09	75.30
5550	3.39	83.69
5650	2.95	74.78
5750	3.33	77.24
5850	3.38	79.91