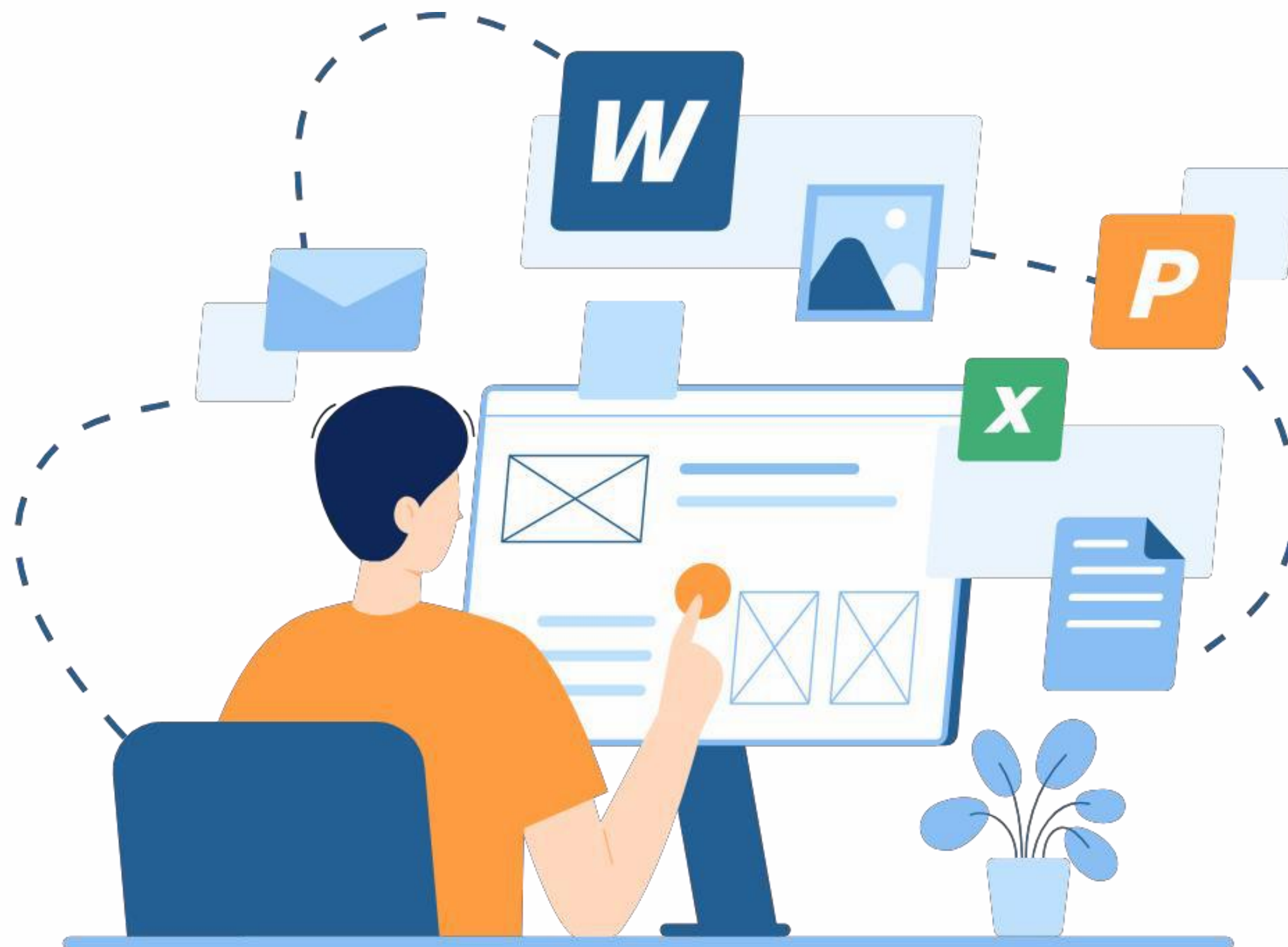


QC650 Antenna Report

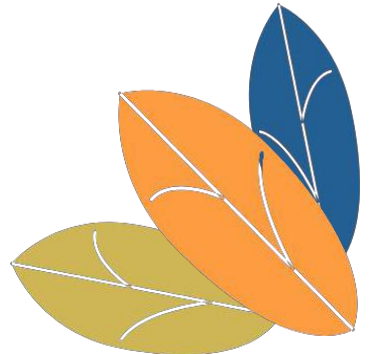
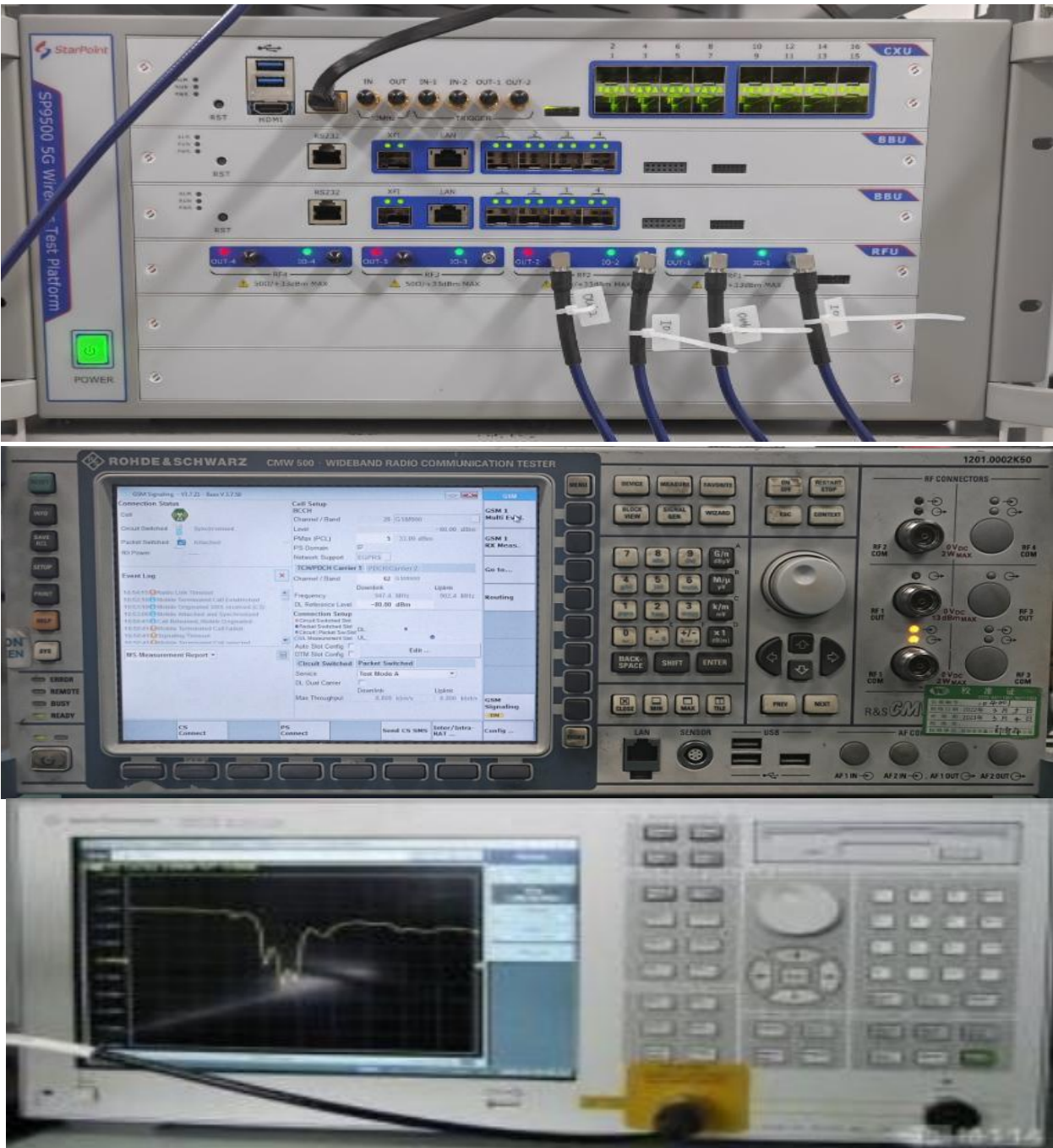
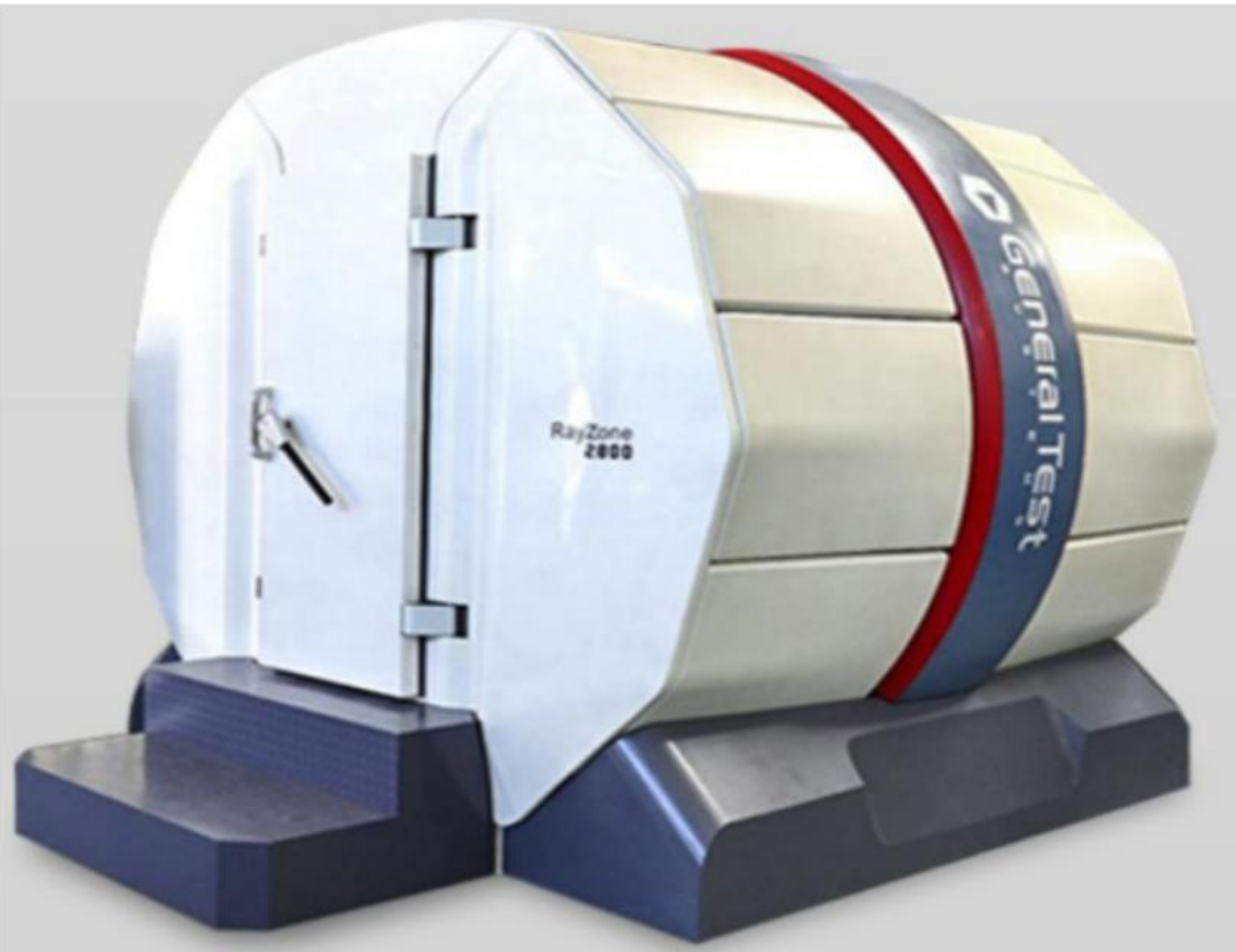
- Responsible : Mr. Feng
- Tel : 18218555940
- Date : 2023 / 12 / 27

Add:1st Floor, Building B, Jinghang Industrial Park, Liuxian 3rd Road, Bao 'an District 71, Shenzhen City



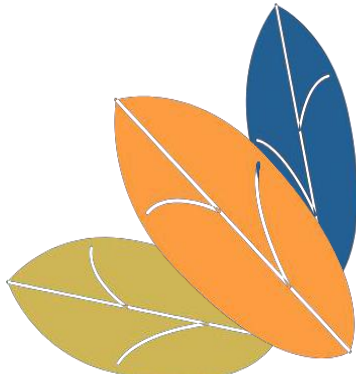
Passive and Active Testing - 5G
Microwave Chamber

Test System	Test environment	Active testing	Passive testing
GTS2800	Temperature: 25°C±3°C Humidness: 50%±15%	5G/4G/3G/2G-Supported BT/WIFI/GPS-Supported	600MHZ——6G



Project Debugging Overview

Overall machine type		
Antenna types and frequency band information	Main Antenna	BT 2.4G
Antenna form	PCB-mounted antenna	

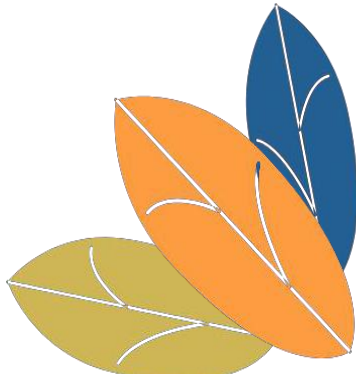


Version history

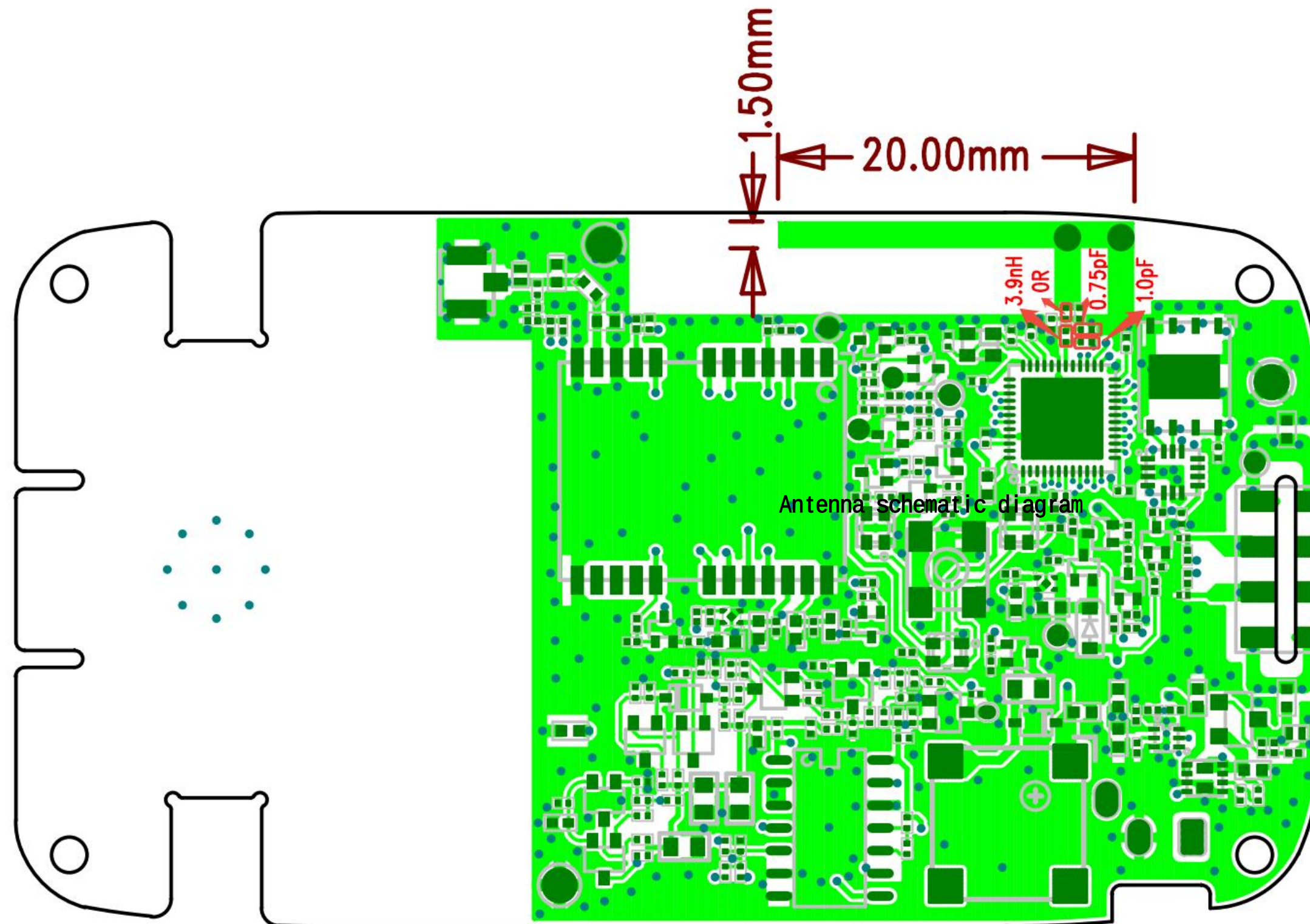
Possiball

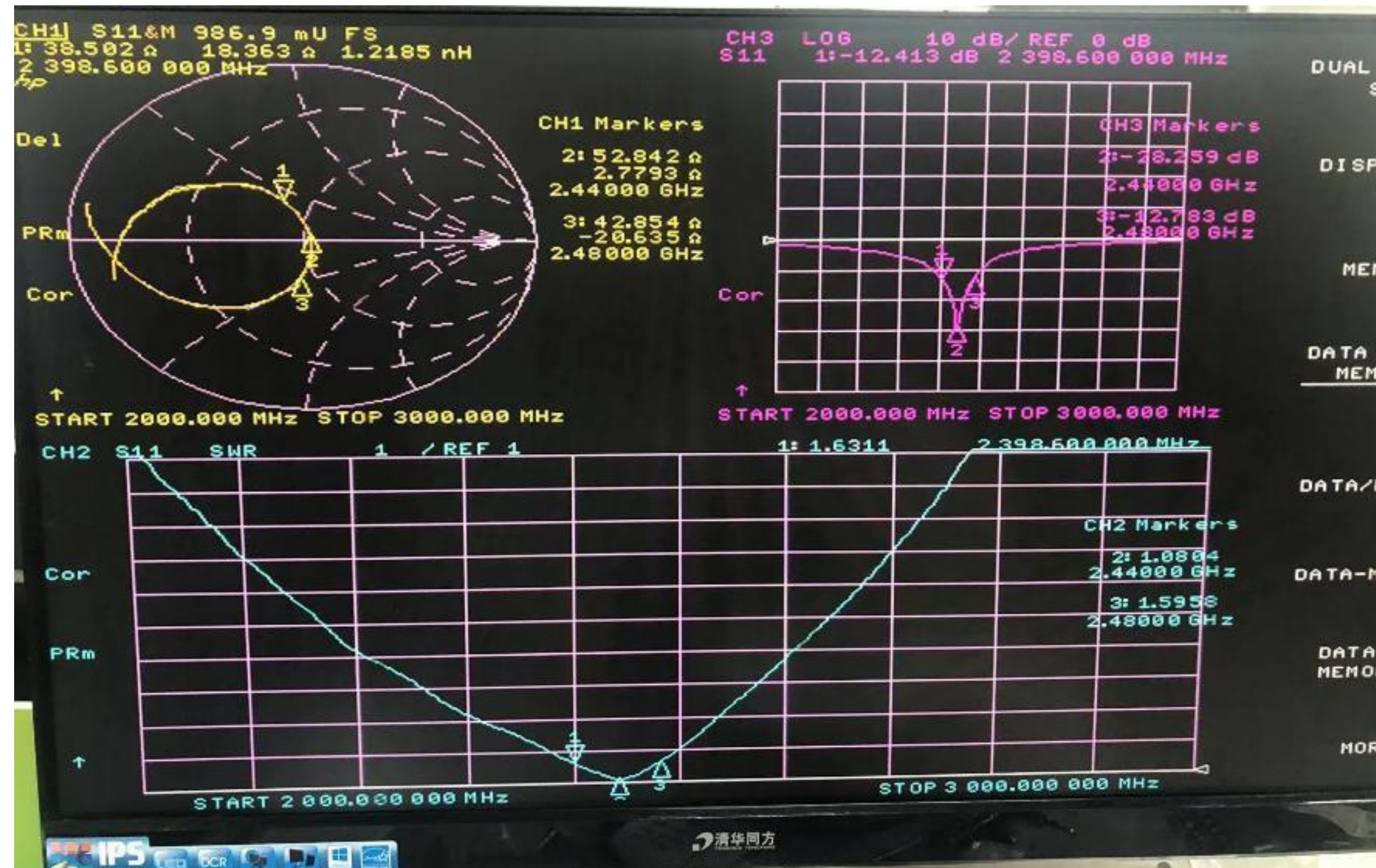


Version	Date	Content
V1.2	2023/12/27	Debug



Antenna schematic diagram



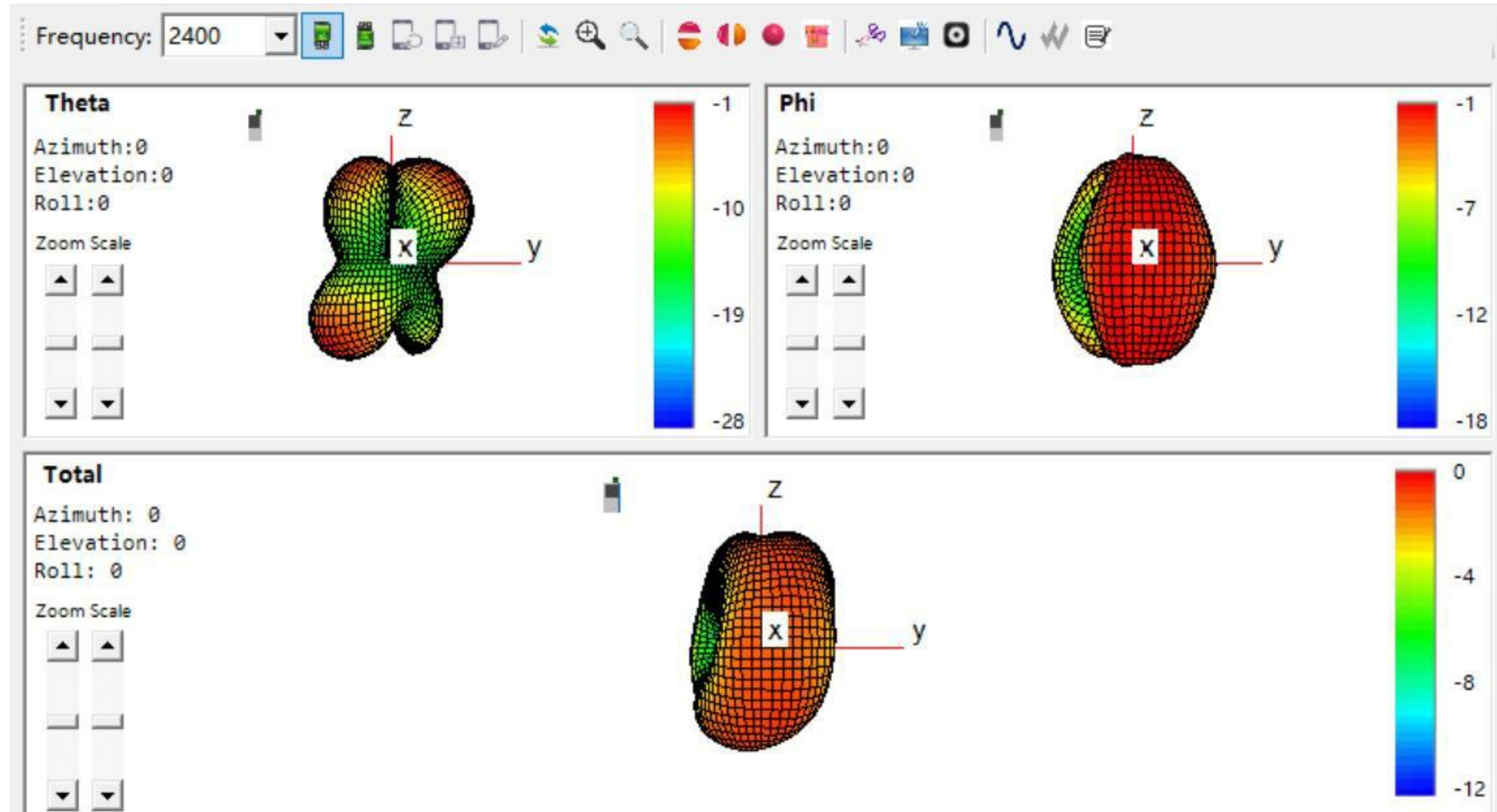


Antenna efficiency gain

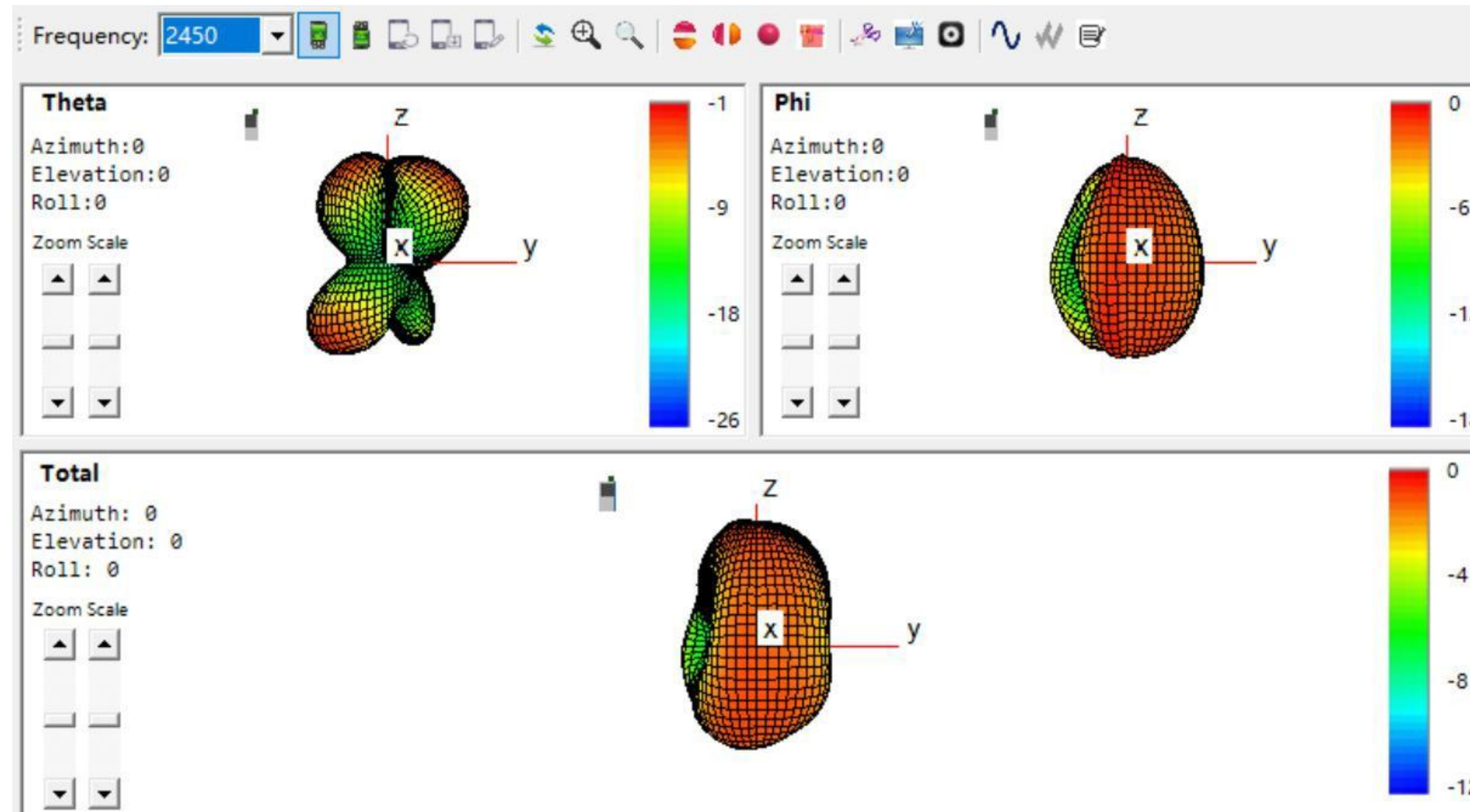
	Gain	Efficiency
	增益	效率
2400	1.86	54.46
2410	1.54	53.25
2420	1.44	51.13
2430	1.71	51.71
2440	1.27	49.35
2450	1.64	49.99
2460	1.12	48.01
2470	0.75	45.8
2480	0.96	44.3
2490	0.68	42.73
2500	0.06	38.1



3D Radiation Pattern



3D Radiation Pattern



3D Radiation Pattern

