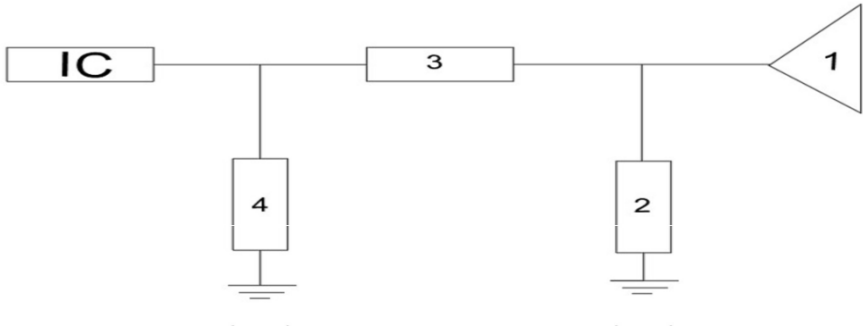


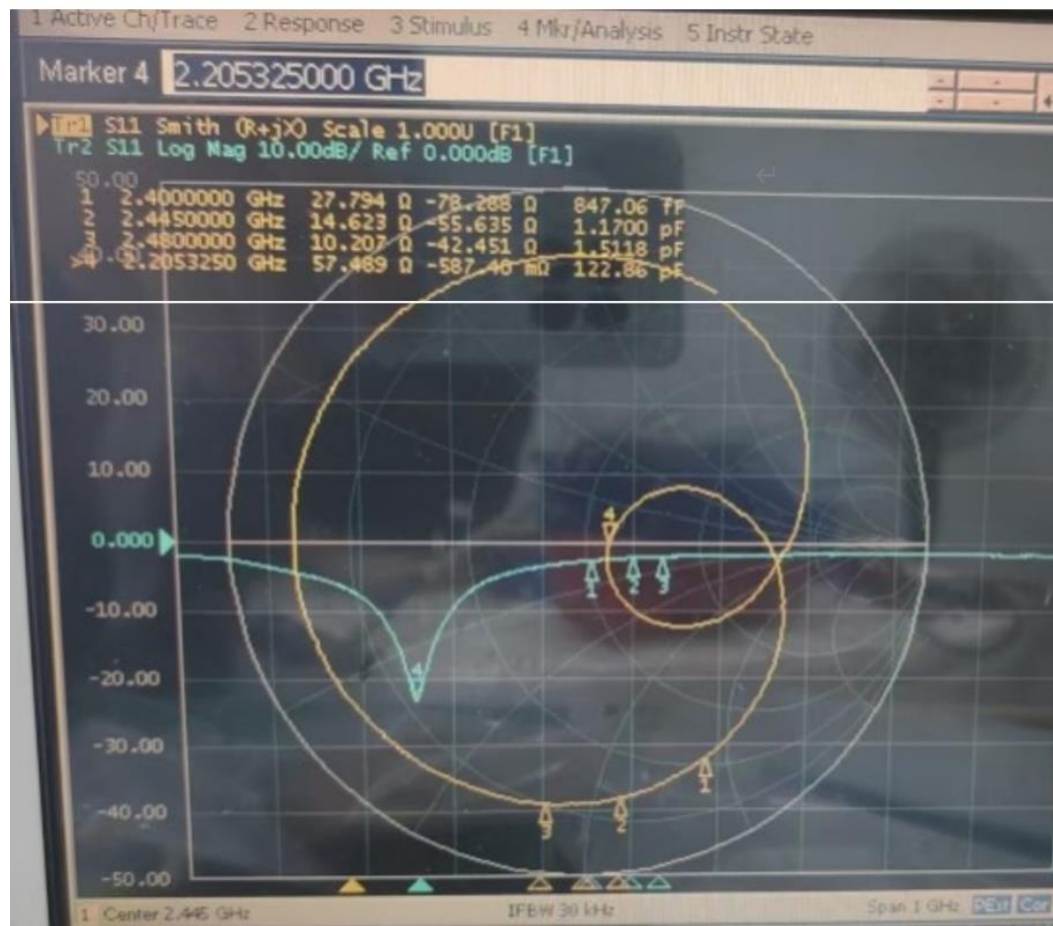
	Antenna Test Report				
Project Name	HZ-BOX-ANT	Test by		Date	2025/4/11
Project Stage	PCBA				
Instruments	Network Analyzer (Agilent E5062A), microwave darkroom, MT8852B	microwave darkroom	ETS		

1. Antenna matching



serial number	model	specification	manufacturer	object ID	tolerance	
1	onboard					
2	NC					
3	resistance	0Ω				
4	NC					

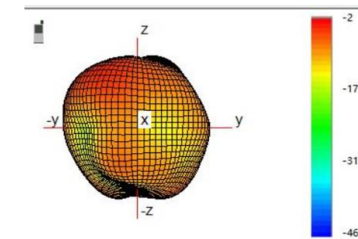
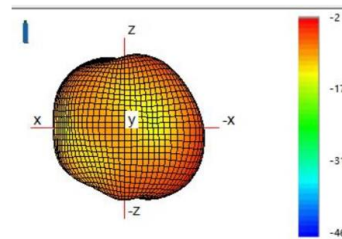
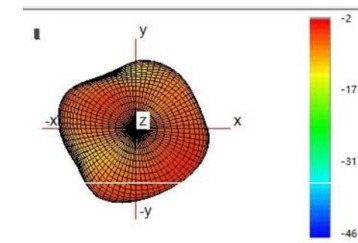
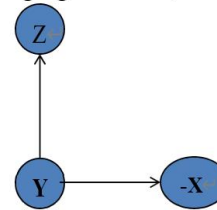
2. Standing wave ratio



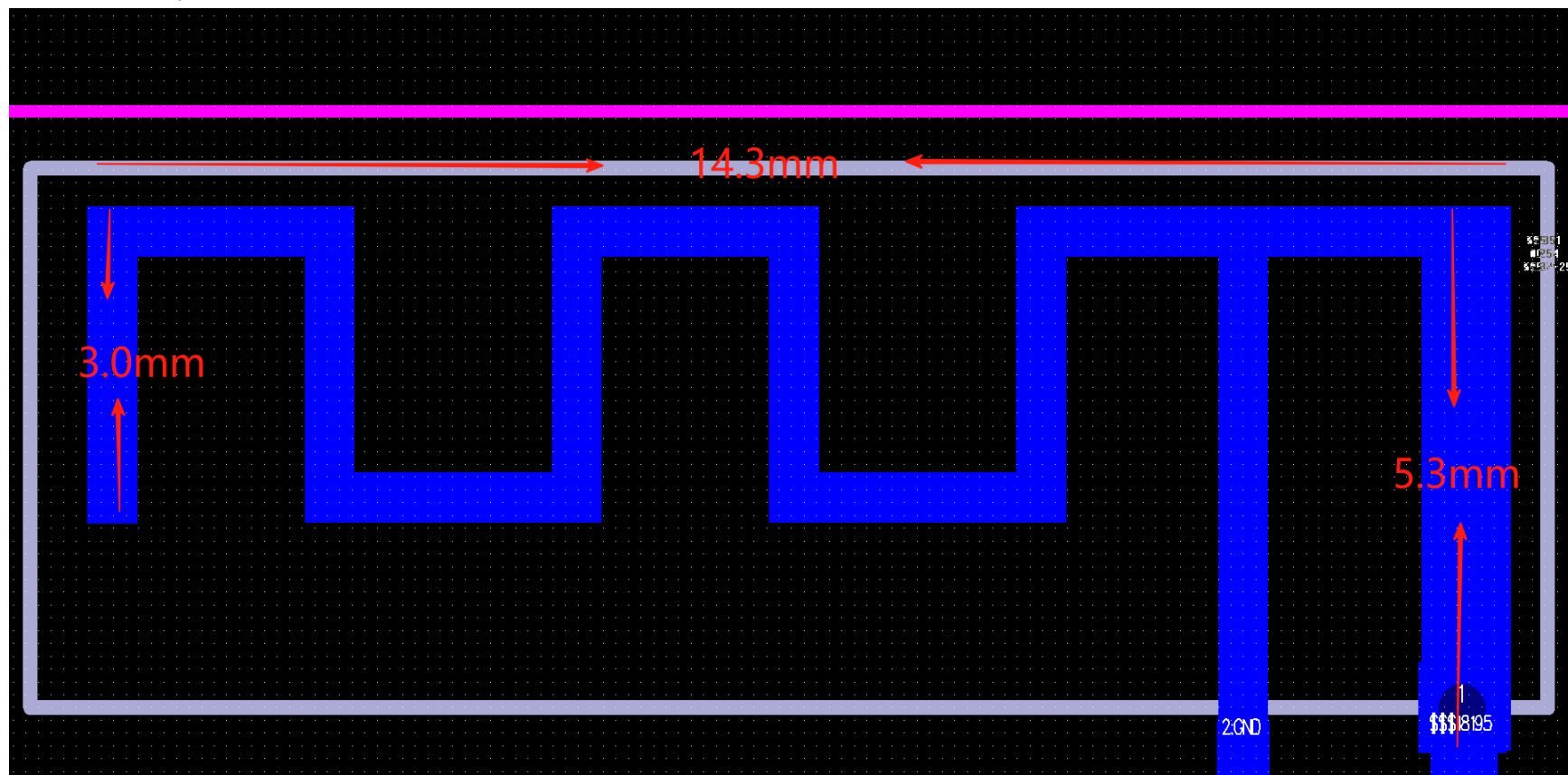
3. Antenna efficiency

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-2.720185317	-7.405140249	18.1754836
2410	-3.007557219	-7.647365459	17.1895083
2420	-3.272582225	-7.91986912	16.14407208
2430	-3.440419322	-8.176556778	15.21753545
2440	-3.653575346	-8.334409302	14.67435664
2450	-3.748658694	-8.505174	14.10855709
2460	-4.12769216	-8.886364134	12.92300721
2470	-4.209773841	-9.007775326	12.5667353
2480	-4.198778115	-9.00691927	12.56921263

Before changing antenna: ↵



Antenna Size:



Manufacturer: Fuyang Hongming Intelligent Technology Co., Ltd

Address: Room 108, Building 1 (South), No.1 Guanying Road, Yingshang Economic Development Zone, Fuyang City, Anhui Province, CI