



晟天科技



Sunsky Technology Co., Ltd

Antenna Test Report

Customer name		frequency band	2.4G
Antenna engineer	Guofu lin	Structural engineer	Huang hao
Date	2025.03.26	Antenna material	Onboard

Testing equipment

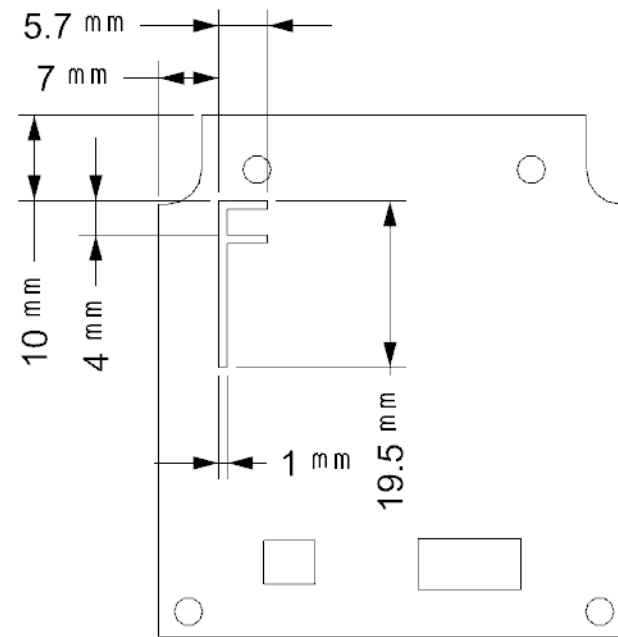
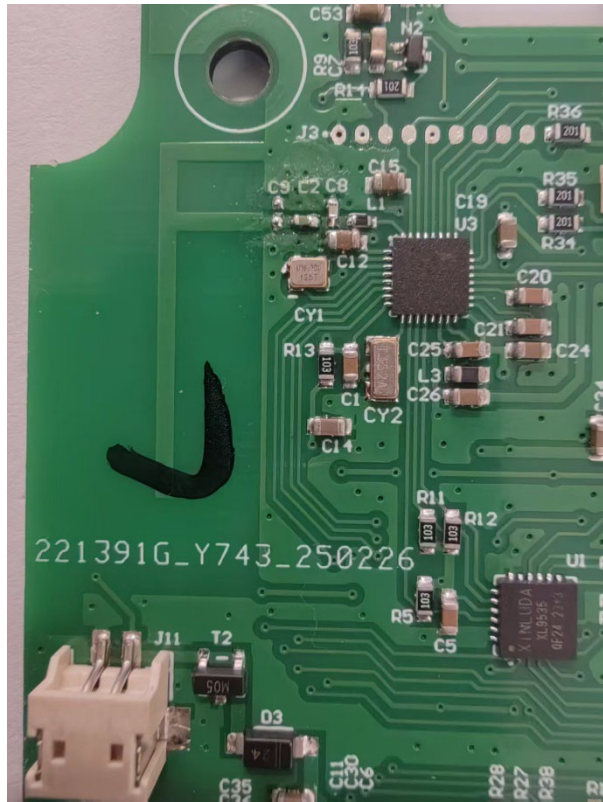
E5071C Network Analyzer



7*4*3M Microwave anechoic chamber

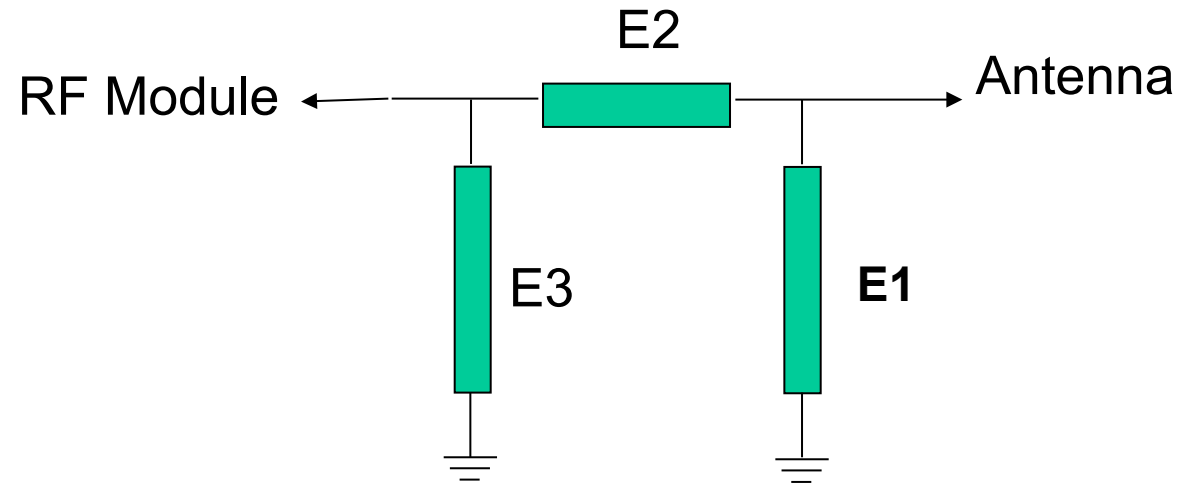


Antenna Size and Shape Description

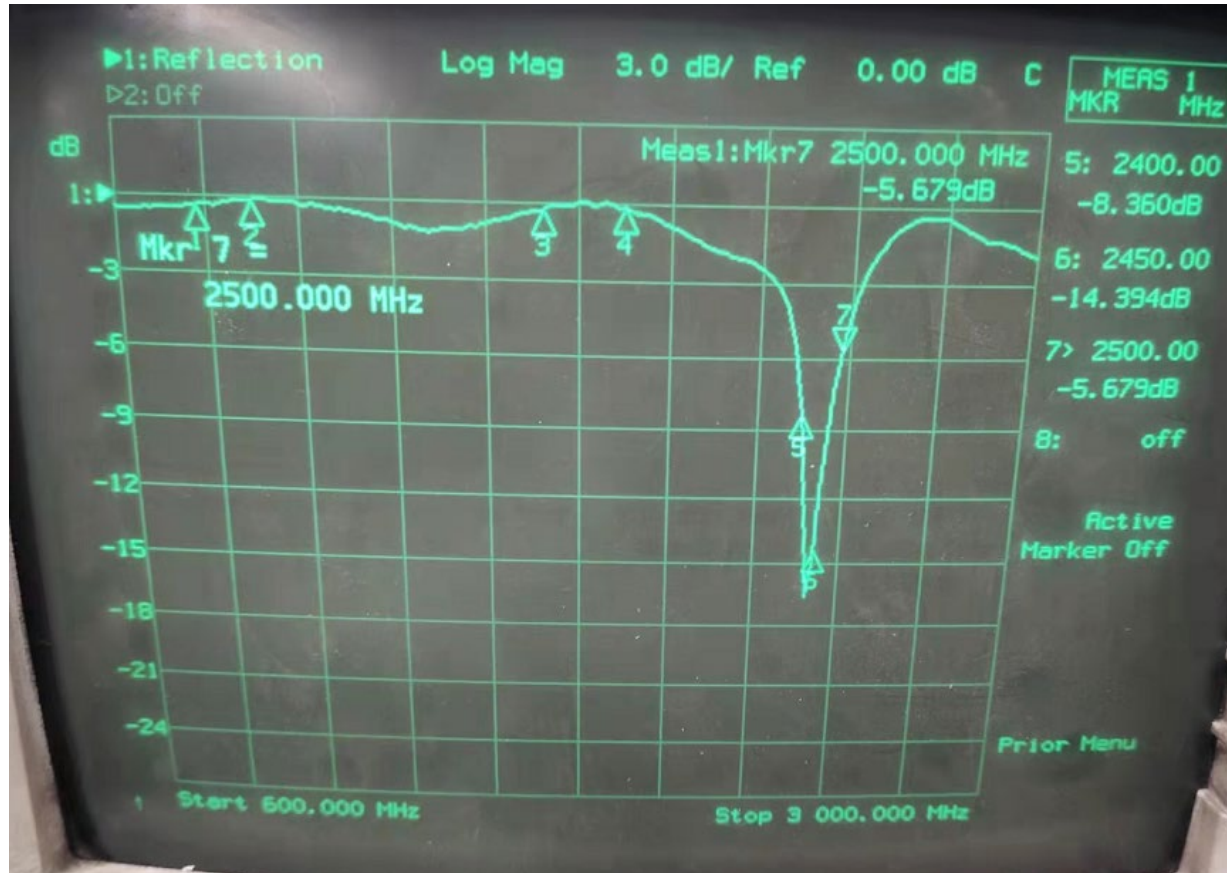


Antenna matching

Element	E1(0402)	E2(0402)	E3(0402)
Value	Original match	1.5NH	1.2PF



Antenna S11 and its test efficiency



Freq (MHz)	Effi (%)	Gain (dBi)
2400	28.98	2.75
2410	32.19	2.99
2420	31.13	2.91
2430	36.29	3.0
2440	36.4	3.0
2450	33.63	3.1
2460	32.67	2.83
2470	33.72	2.71
2480	33.62	2.86
2490	32.04	2.29
2500	32.08	2.23

Thanks !