



深圳市丰禾原电子科技有限公司

SUNITEC ENTERPRISE CO.,LTD.



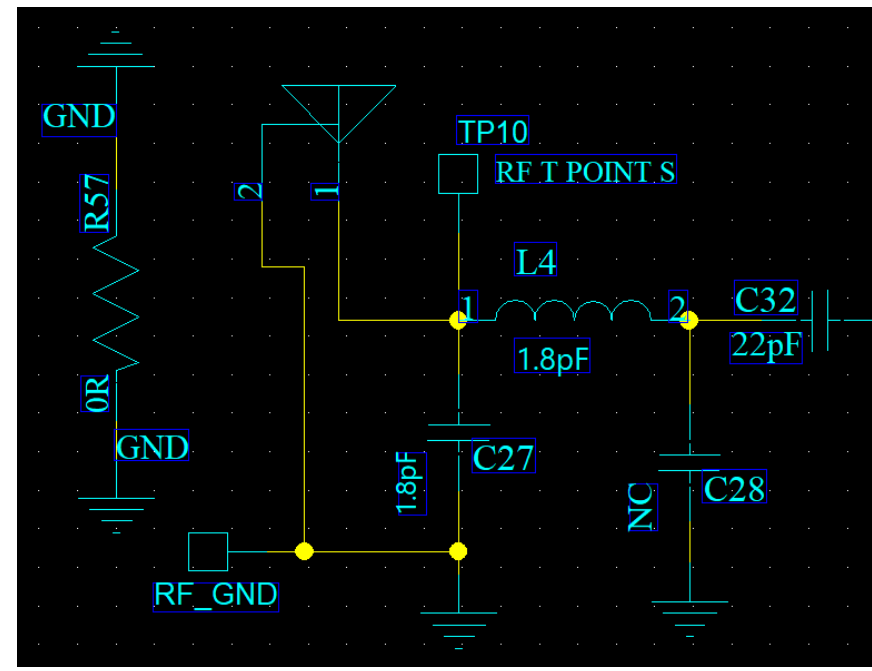
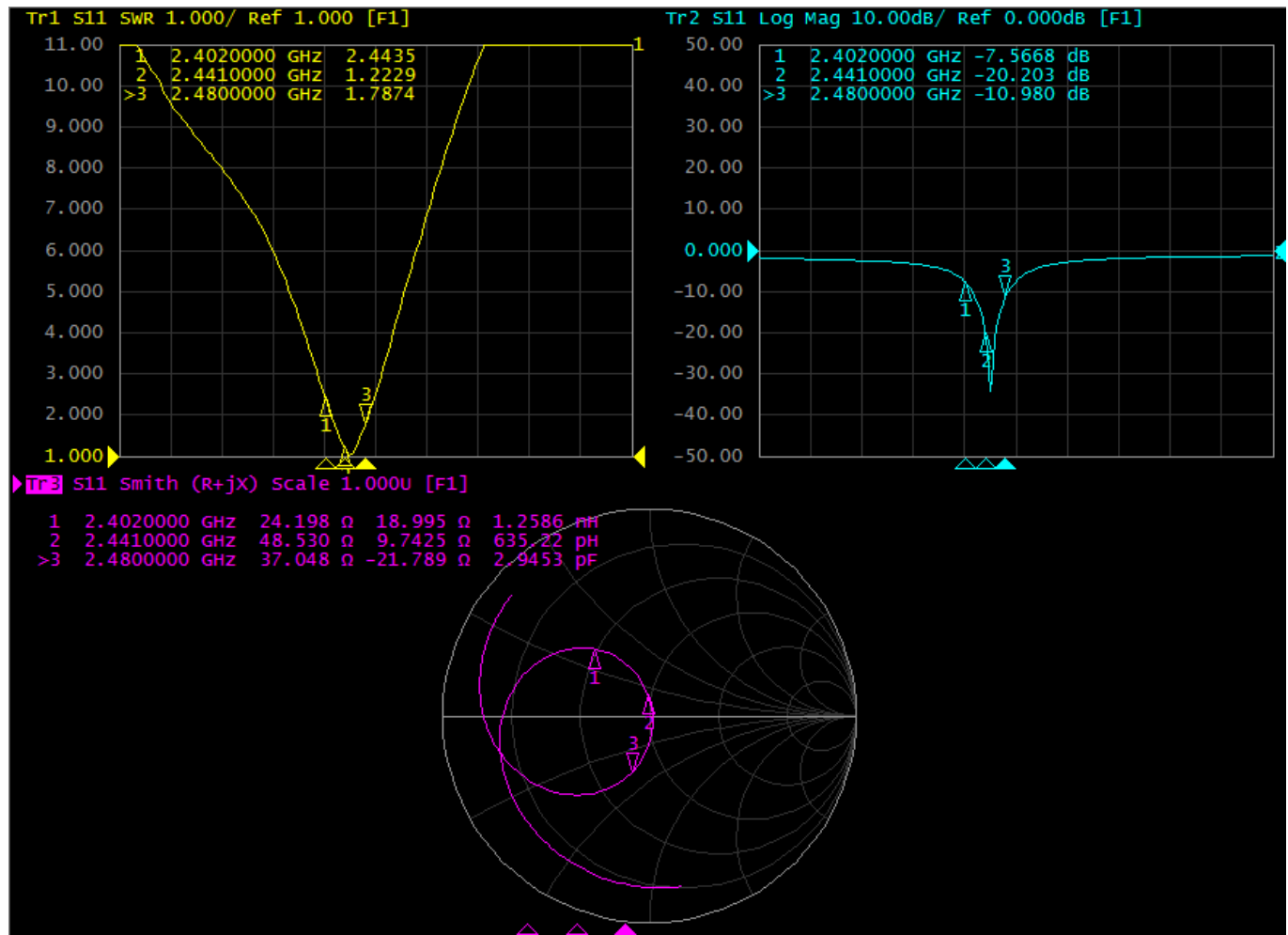
XIAO QIANG 2023.11.29

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调试样机



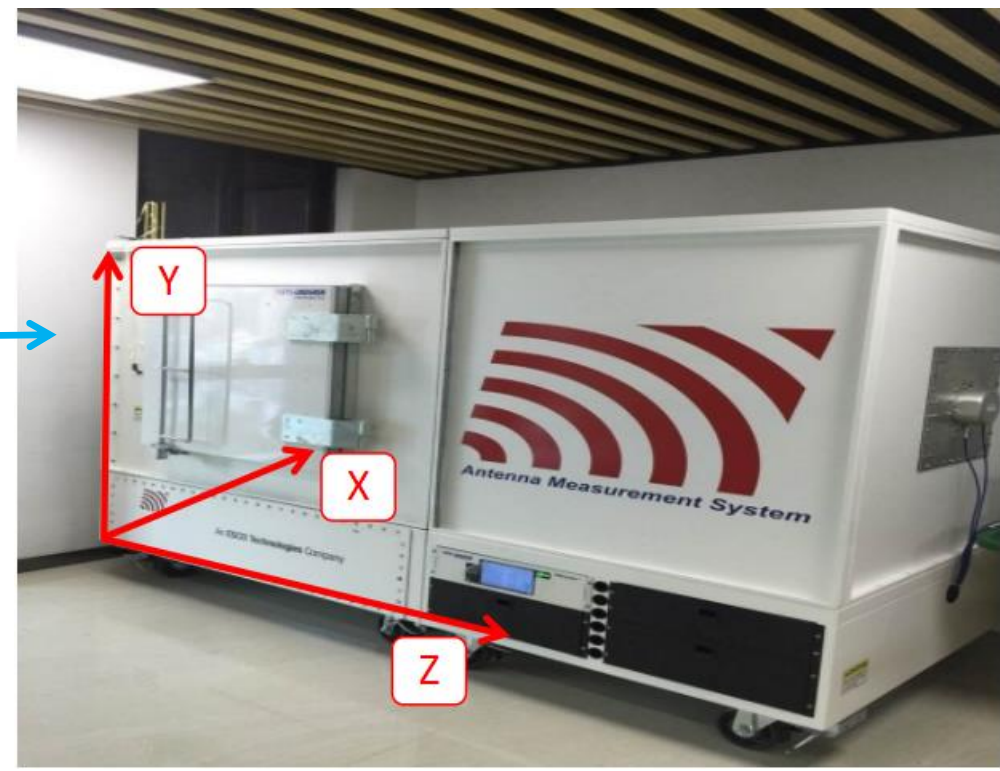
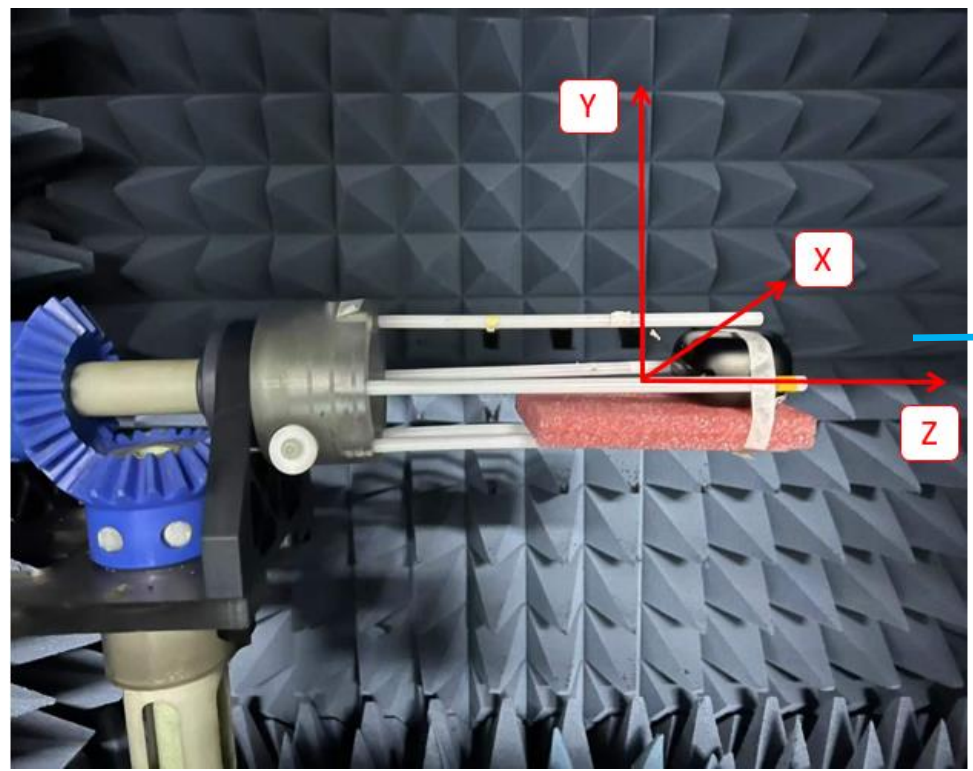
VSWR、Return loss、impedance



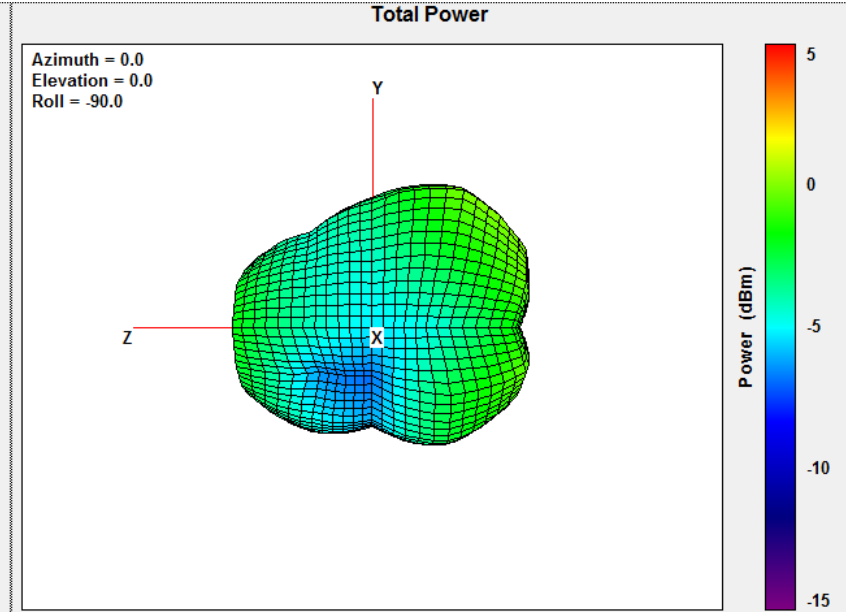
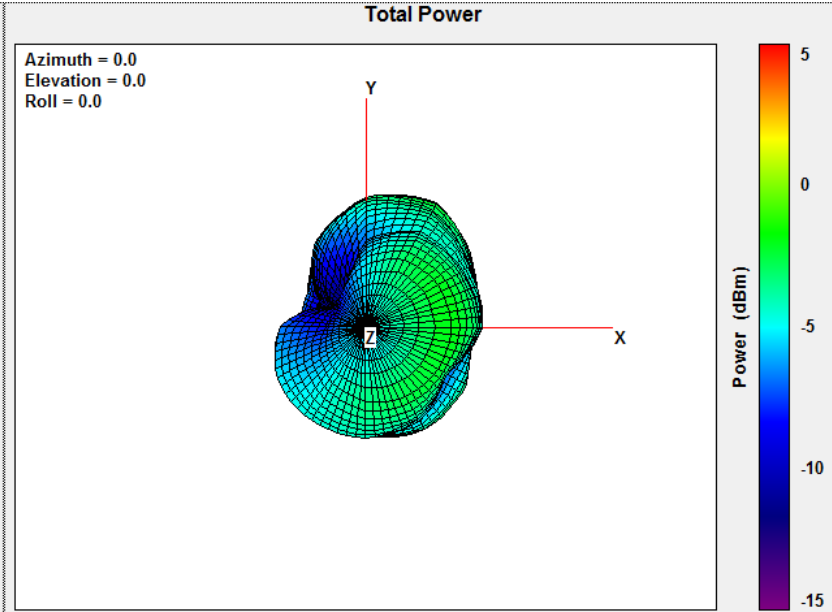
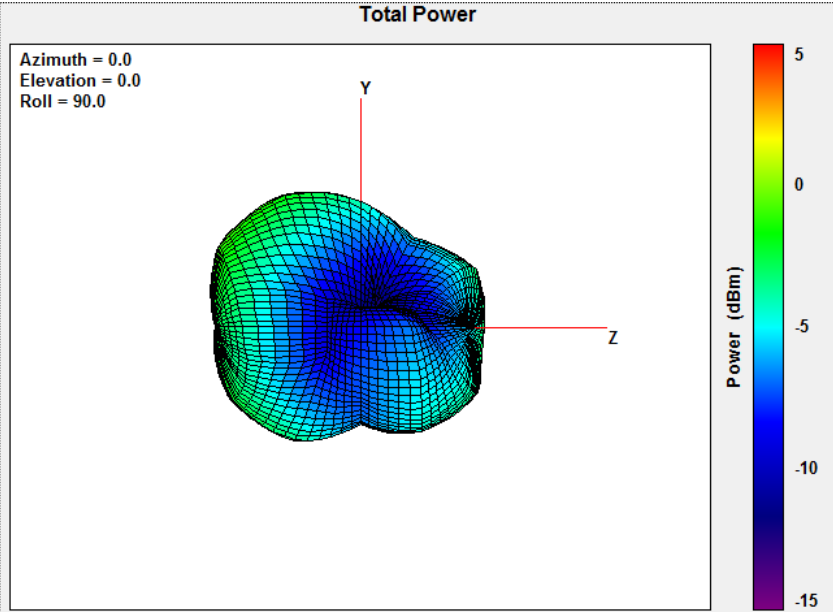
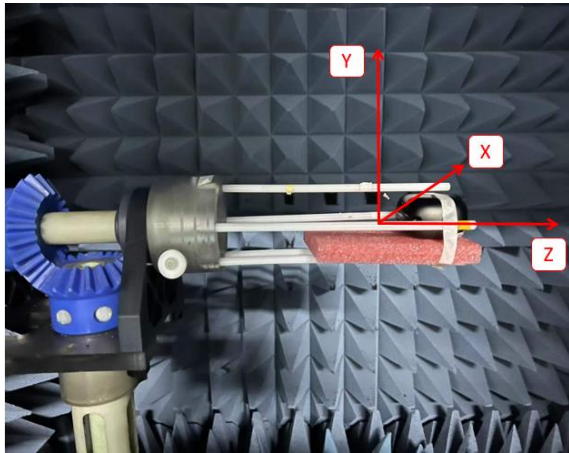
ANT matching:

位号	BOM
R57	2nH (0402)
C27	2pF
L4	2nH
C28	NA

坐标轴说明



2441MHz ANT 3D Radiation Pattern:





CE-2181N (CHG) Performance Test Report

无源效率:

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-5.51	28.1	0.21
2410	-4.84	32.8	0.69
2420	-4.57	34.9	0.77
2430	-4.47	35.7	0.49
2440	-4.44	36.0	0.13
2450	-4.46	35.8	0.14
2460	-4.67	34.1	0.22
2470	-4.79	33.2	-0.16
2480	-5.29	29.6	-0.96
AVE	-4.78	33.3	0.17

总结:

1. 天线效率对比DV1阶段无差异；
2. 实测拉距距离 > 20m；



Thanks