



深圳市云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

Address: The address of Shenzhen Yunding Communication Electronics Co., Ltd. is 315,
No. 1 SanWei South Road, SanWei Community, Hangcheng Street, Bao'an District, Shenzhen

Antenna type: PCB antenna

Max Gain: 0.43dBi

E902-天线测试报告 E902 - Antenna Test Report

SECLUDED

2025-5-8

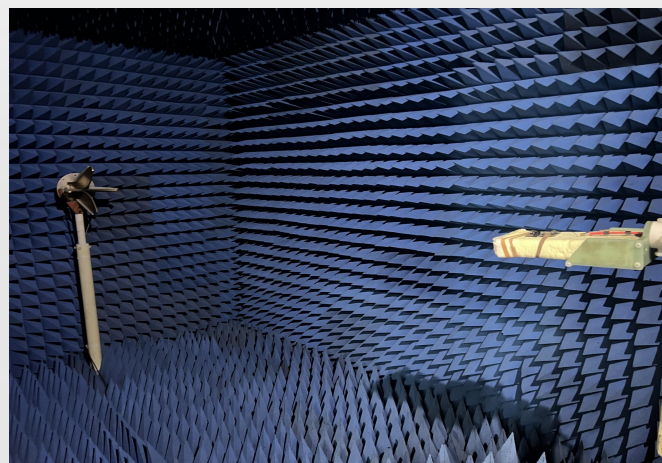
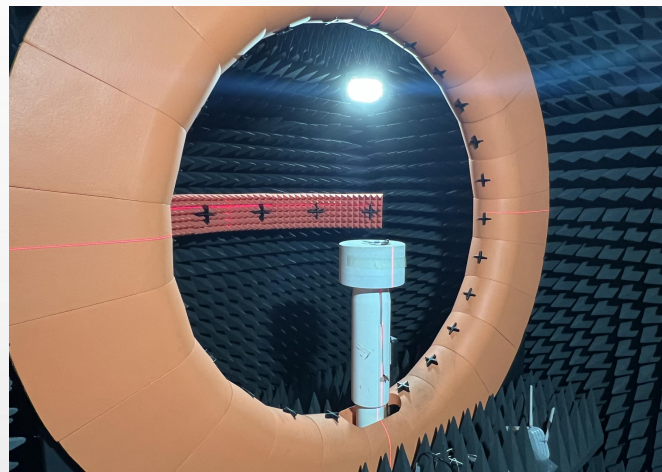




深圳云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

1、测试环境/Test environment

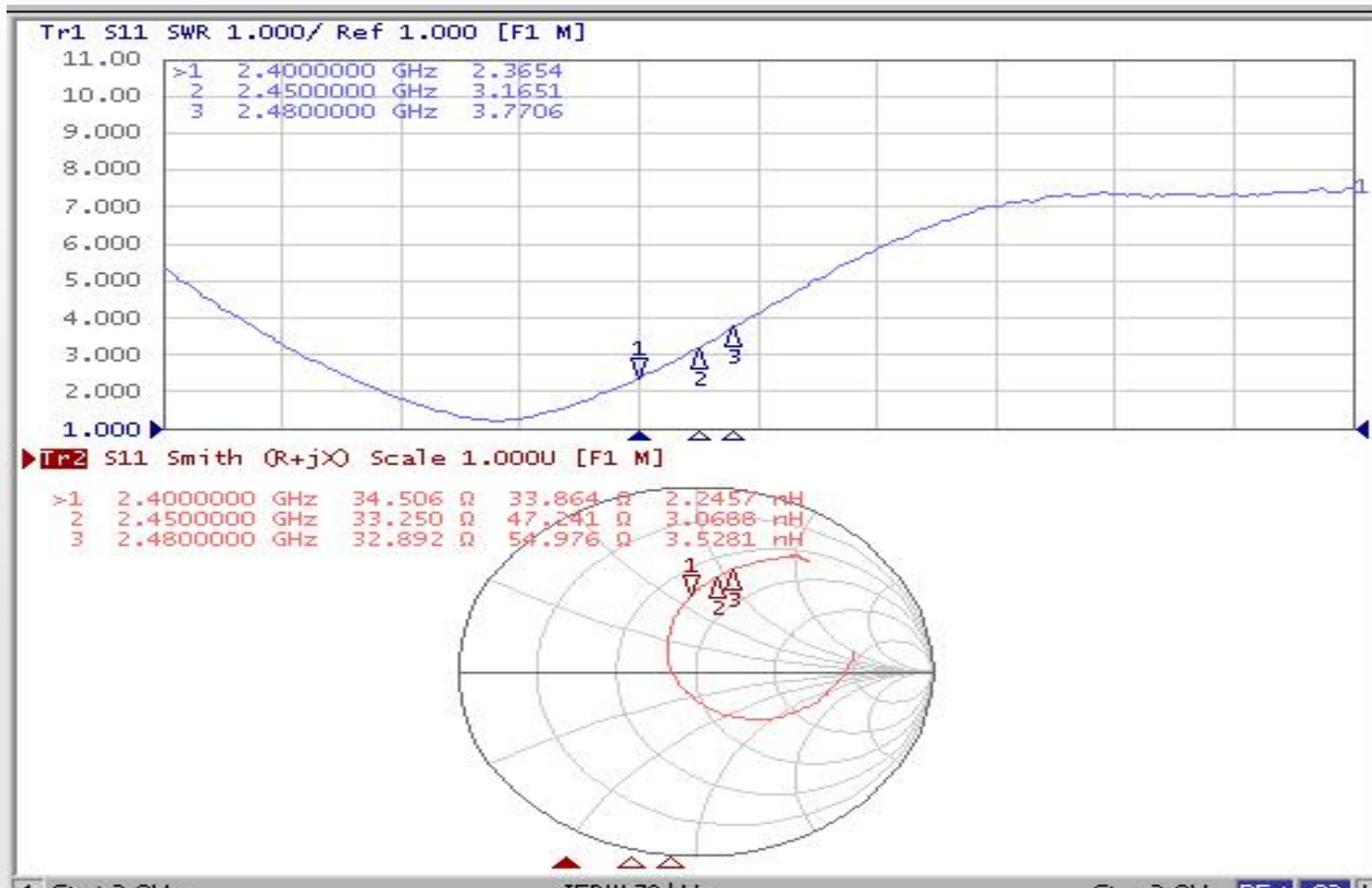




深圳云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

2、原天线匹配VSWR/Original Antenna Matching VSWR

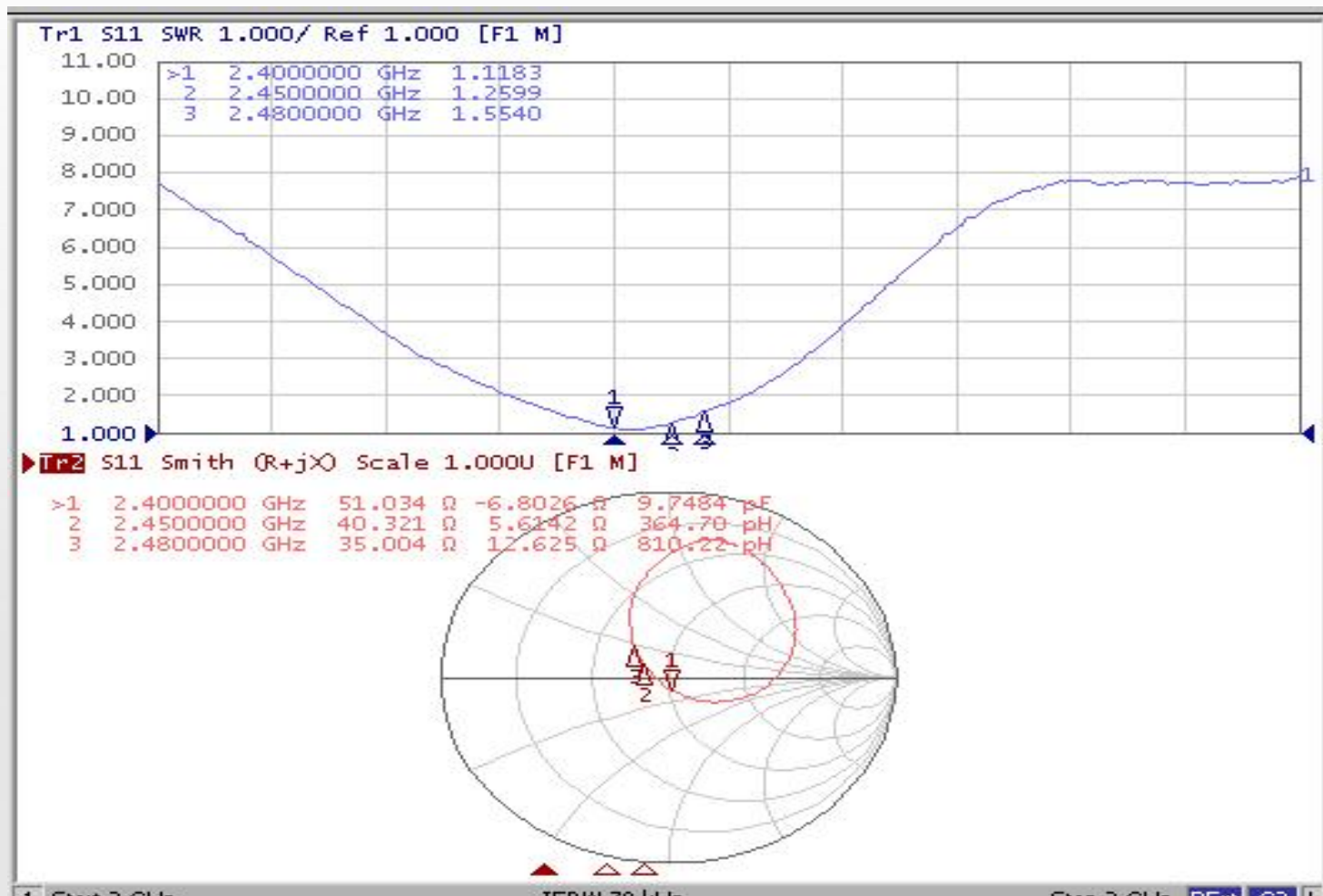




深圳云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

3、修改天线匹配VSWR/Modify antenna matching VSWR





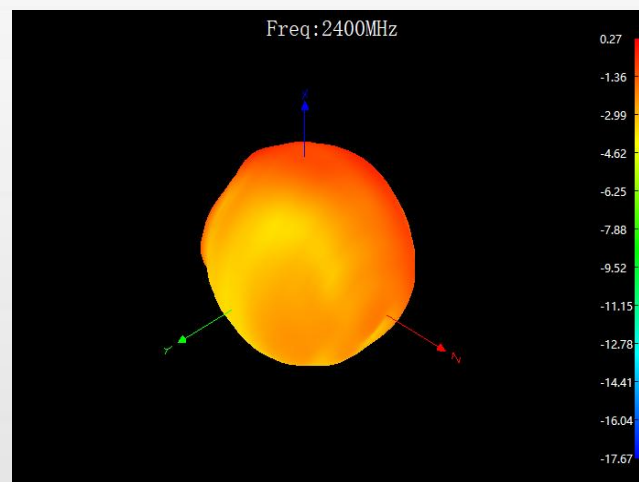
深圳云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

4、原天线匹配-暗室测试数据：效率增益/Antenna matching - anechoic

chamber test data: Efficiency gain

Frequency/MHz	MaxGain/dBi	Efficiency / %
2400	0.27	40.25
2410	0.19	39.26
2420	-0.31	37.67
2430	-0.39	37.16
2440	-0.2	38.15
2450	-0.63	34.59
2460	-0.64	34.55
2470	-1.08	30.36
2480	-1.06	28.9
2490	-1.32	26.64
2500	-1.31	25.24





深圳云顶通讯电子有限公司

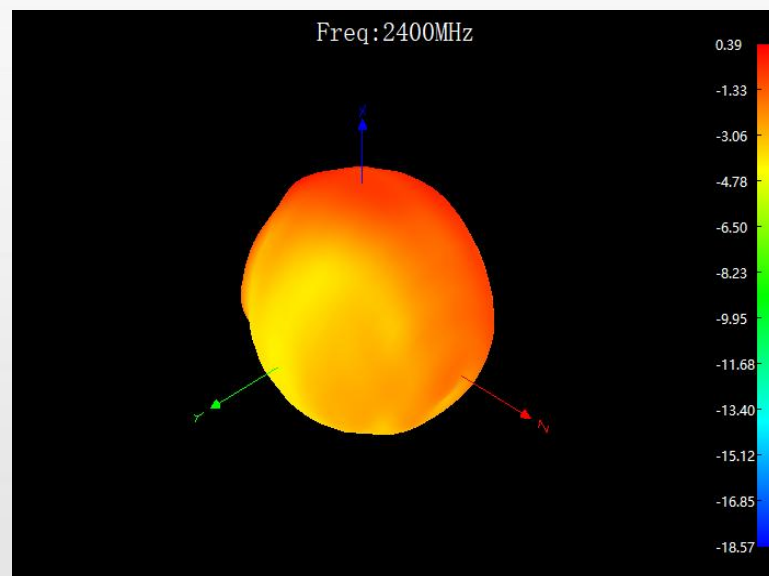
Shenzhen Yunding Communication Electronics Co.,Ltd.

六、修改天线匹配-暗室测试数据：效率增益/Modify antenna matching -

test data in an anechoic chamber: Efficiency gain

Frequency/MHz MaxGain/dBi Efficiency / %

2400	0.39	44.57
2410	0.32	45.5
2420	0.43	46.03
2430	0.39	45.5
2440	0.2	44.36
2450	0.04	42.76
2460	0.04	41.59
2470	0.21	41.4
2480	0.13	39.9
2490	0.13	39.58
2500	0.25	39.14



Antenna size:

