

ABM01 Antenna Dimension

versions:V1.0 2025/05/22

Manufacturer: Shenzhen Dayun Links Co., Ltd

Address: Room 501, No.B Building 1, Bestda Medical Device Building, No.28, Nantong Avenue, Baolong Street, Longgang District, Shenzhen City, Guangdong Province, China

☎ 138 2523 6958 ☎ 0755-289818778
🌐 www.sunshowsz.com ✉ pudehui88@163.com

🏭 厂：深圳市龙岗区坪地街道中心社区泰和小区20号A栋3楼

📍 研发中心：深圳市宝安区新安街道大浪社区大宝路49-1金富来大厦A座316



1 项目简介Project Brief Introduction

2 版本摘要Version summary

3 无源数据Antenna power-down test data

4 测试环境&天线安装位置Test environment and antenna installation

5 总结&附件说明Summary & Attachment Notes



项目样机展示
Prototype demonstration



项目调试简介Project Brief Introduction

Model	ABM01				
Plate type	PCB				
Frequency band and antenna material	Antenna	Frequency	texture	Antenna type	Match modifications
		2400-2500Mhz	FPC	/	N
performance requirement	Customer standards				



版本摘要Version summary

Report version	report time	The problems addressed by this antenna research and development
V1.0	2025-05-22	Antenna passive testing

Antenna Size



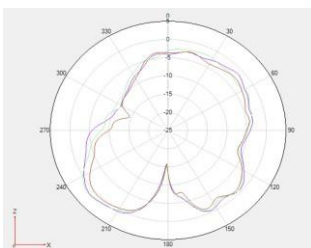
Passive test data-2.4G

增益和效率 Gain&Efficiency=		
频率(MHz) Frequency	效率(%) Efficiency	增益 (dBi) Gain
2400	52.24	2.23
2410	52.97	2.48
2420	51.64	2.47
2430	50.82	2.41
2440	51.64	2.62
2450	48.75	2.44
2460	47.86	2.36
2470	48.53	2.29
2480	48.19	2.03
2490	48.42	1.88
2500	44.46	1.54

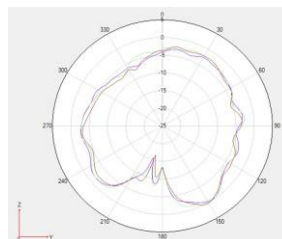


OTA Passive parameter radiation diagram

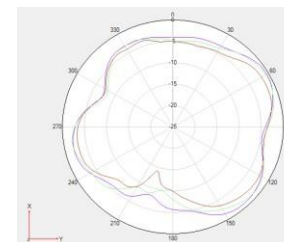
2D



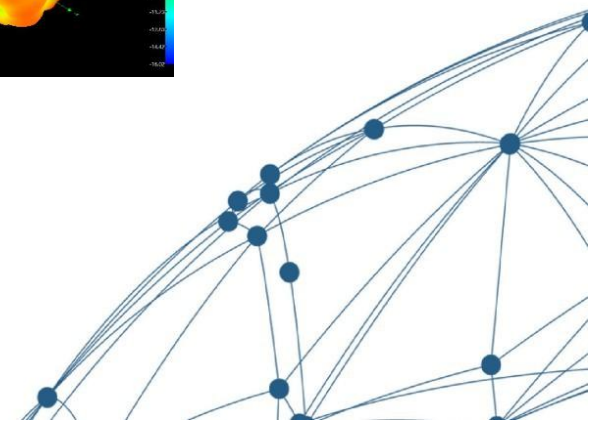
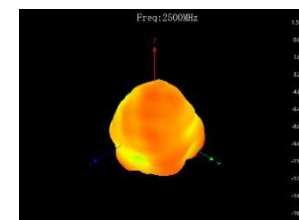
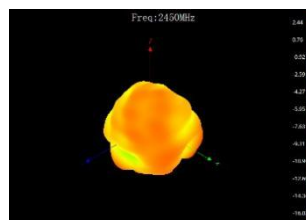
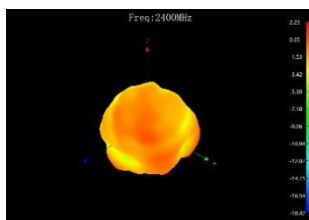
2D



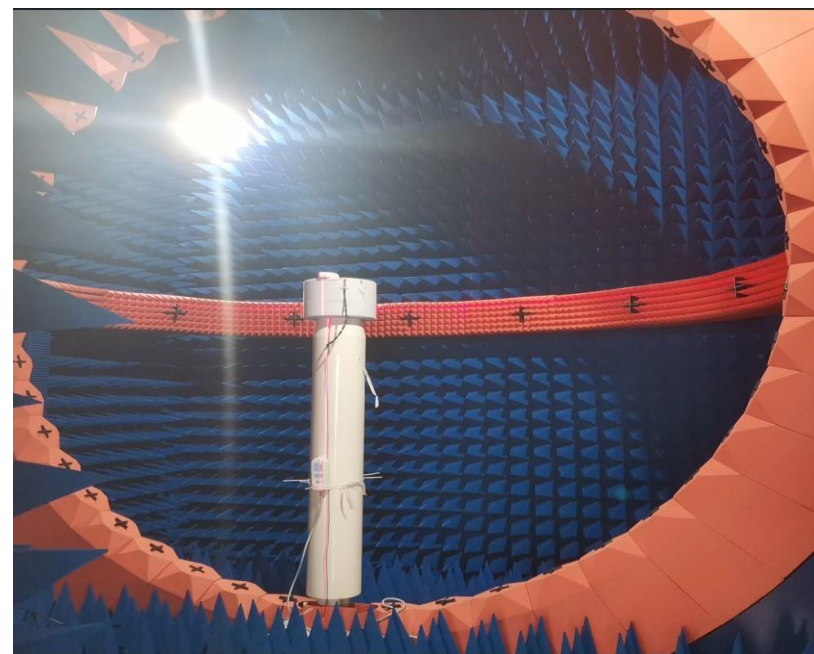
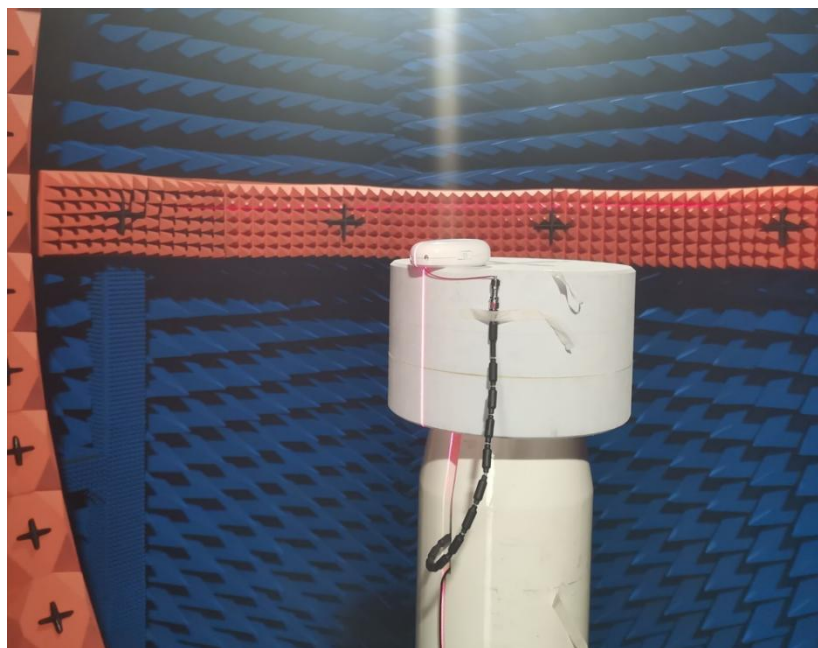
2D

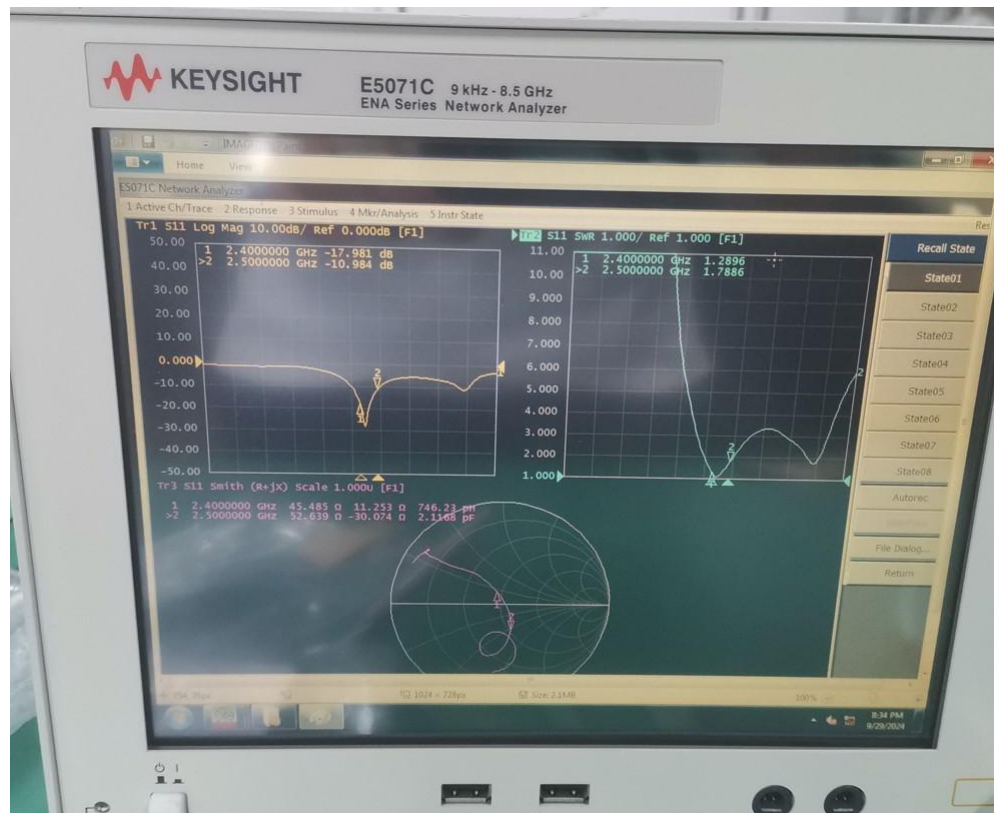


3D Radition pattern



OTA testing environment

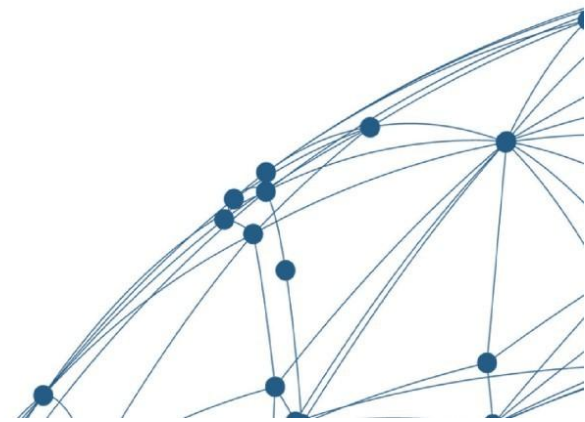
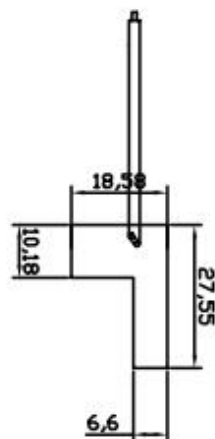




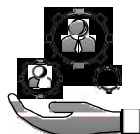
频段 Fre (Ghz)	2.4G
回波损耗 Return loss(dB)	-16.73
驻波比(dBm)	1.36



Antenna Dimensions



联系我们 Contact us



Thanks

Srar WandaTechnology (China):

aily service hours: Monday to Saturday: 9:00-18:00

Address: 316, Block A, Jinfulai Building, Xin'an Street, Bao'an District, Shenzhen

Email: swd0001@outlook.com

