



RS1 Antenna Test Report



Date: 2024. 06. 03

CONTENTS

01

Project Overview

02

Test Environment

03

Matching Circuit

04

Environmental
Treatment

05

Passive Report

06

Active Report

07

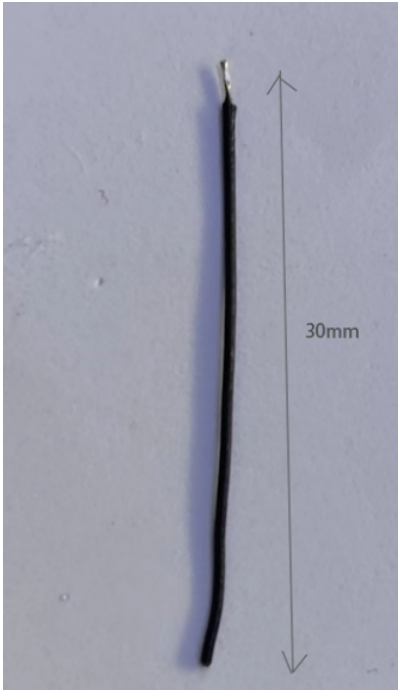
Conclusion



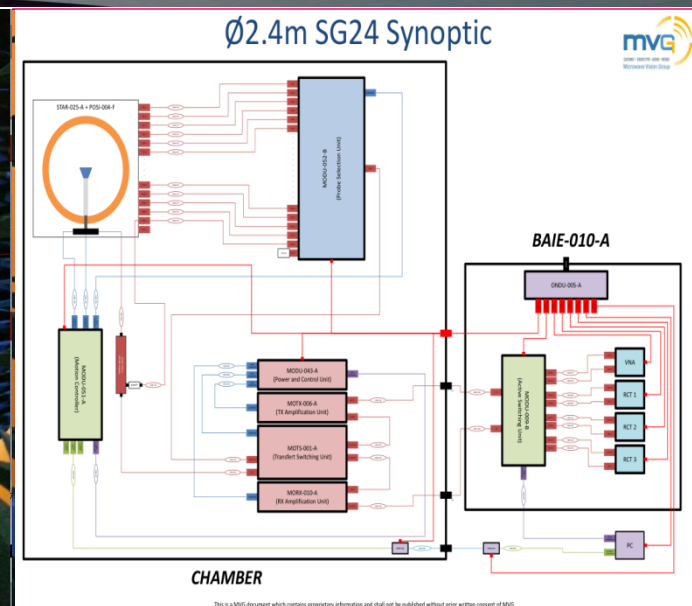
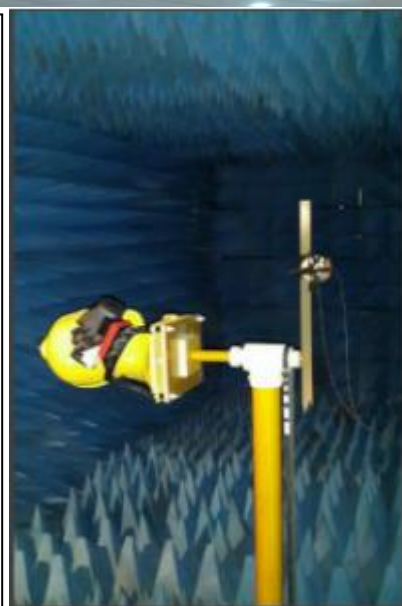
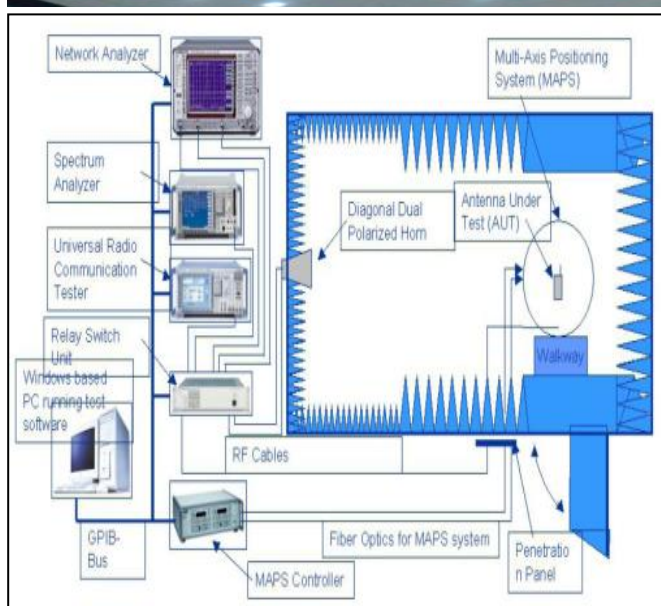


Antenna design spectrum:	BT	Repor version:	Date	Content
Type of antenna:	PIFA	V1.0	2024.06.03	Antenna test report

dimensional drawing:

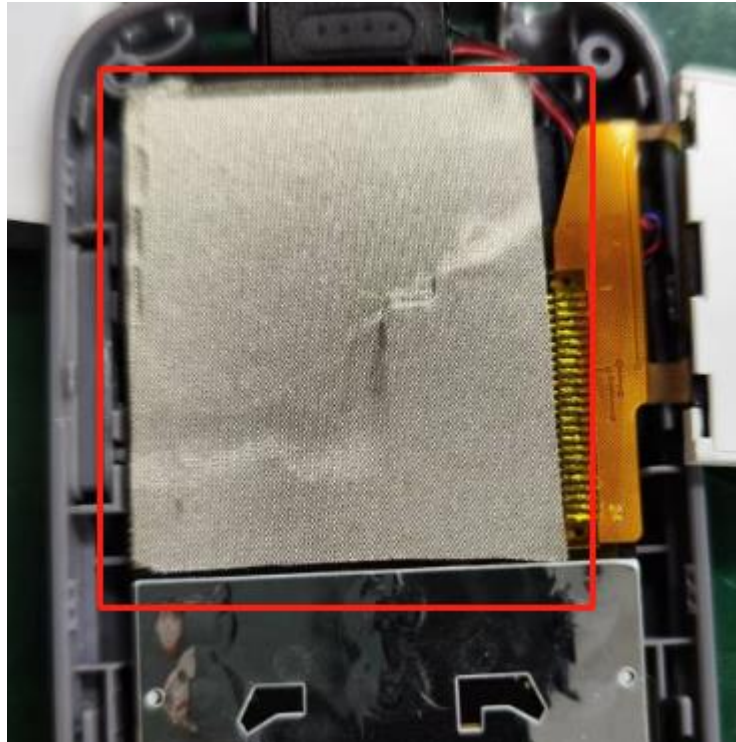


Test Environment



Darkroom system : MVG SG24LT (Satmio)

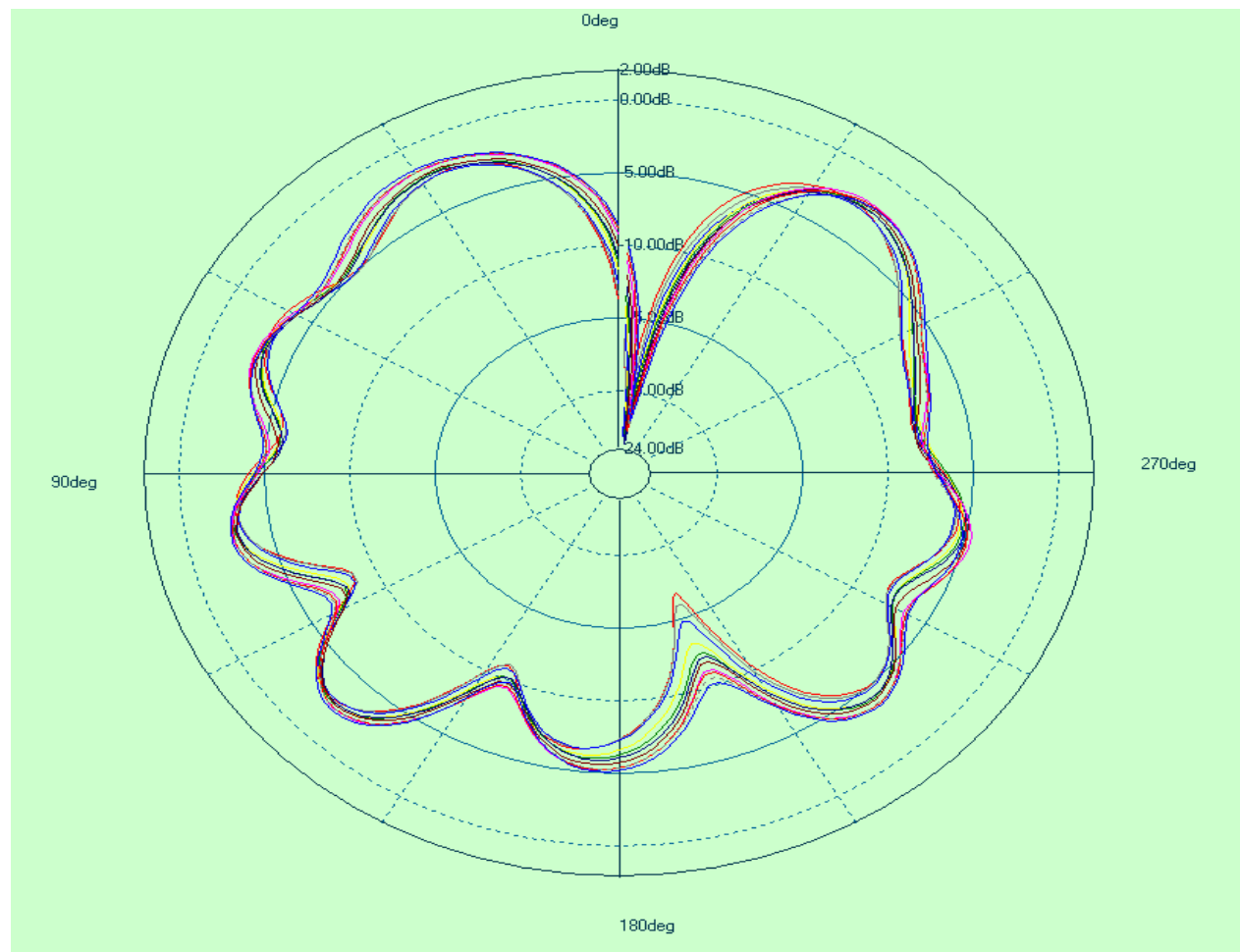
As shown in the figure: Extend the ground with conductive fabric..



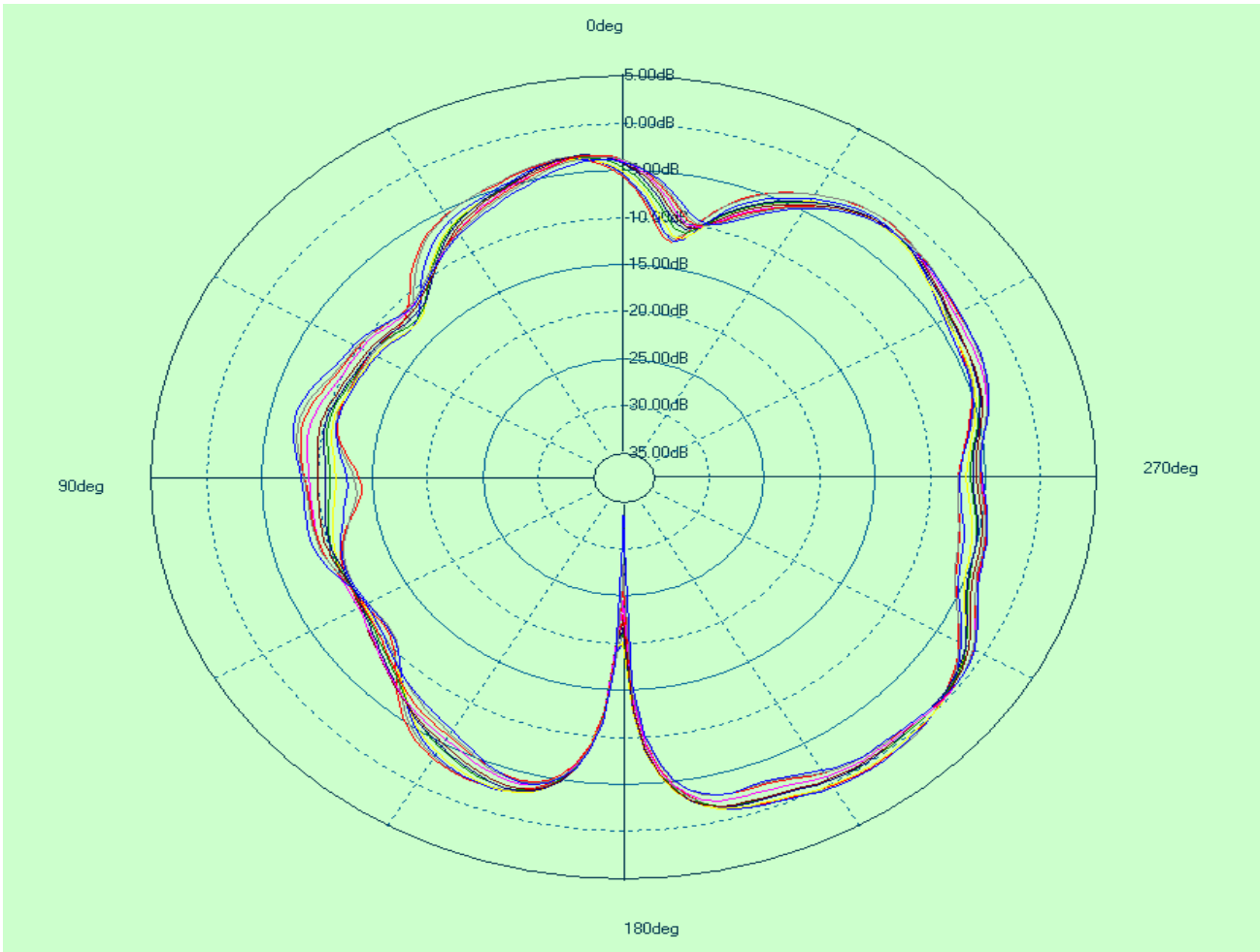
BT passive Efficiency, Gain

Frequency	Efficiency	Efficiency .	Gain . dB
2400000000.00	45%	-3.72036	-1.570006147
2410000000.00	45%	-3.71401	-1.740479395
2420000000.00	44%	-3.76142	-1.836613103
2430000000.00	46%	-3.61797	-1.694290722
2440000000.00	46%	-3.56478	-1.354937901
2450000000.00	46%	-3.59435	-1.35655791
2460000000.00	47%	-3.51661	-1.261656111
2470000000.00	48%	-3.37117	-0.921577835
2480000000.00	48%	-3.37421	1.0000000.00
2490000000.00	48%	-3.37531	0.929491483
2500000000.00	49%	-3.27861	-1.210070048

Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)



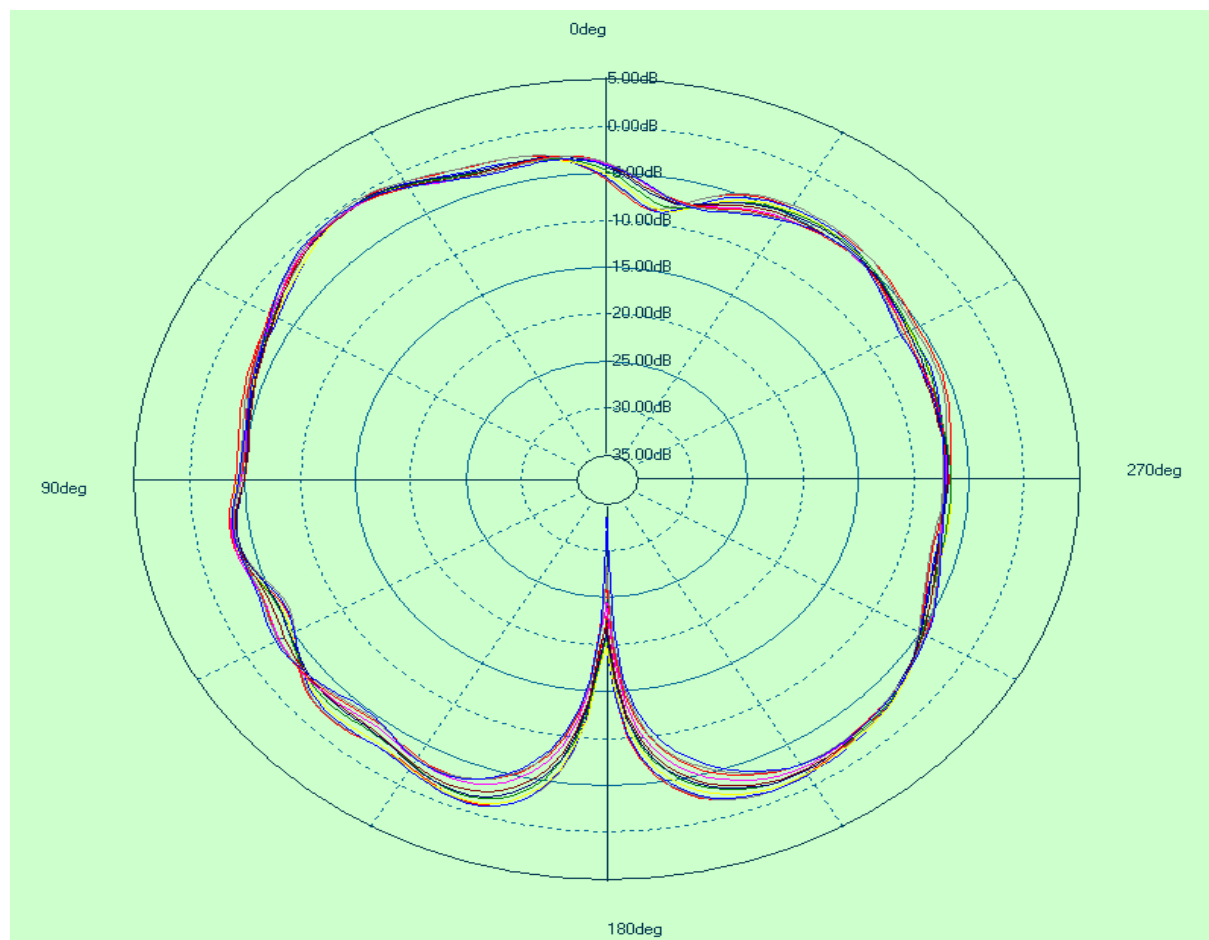
Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)



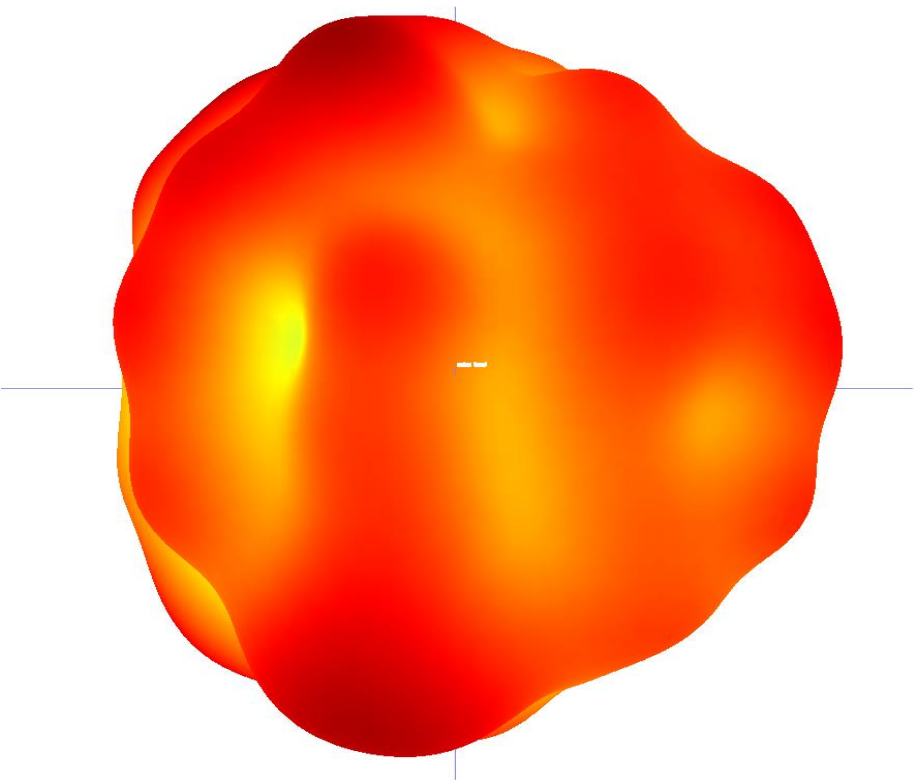
Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)



Apple chart



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

THANK YOU

If you have any questions, please contact us
Daily service hours : Monday to Saturday 9:00-18:00
Switchboard Hotline : 0755-36615535 Fax: 0755-82916227
 website : www.mayaant.com

Confidentiality requirements

Shenzhen Maya communication equipment Co., Ltd. has owned the information provided by the proprietary technology and is not allowed to disclose it to any person or company without the prior written consent of Shenzhen Maya communication equipment Co., Ltd.