



RS1 Antenna Test Report

Date: 2024. 06. 03

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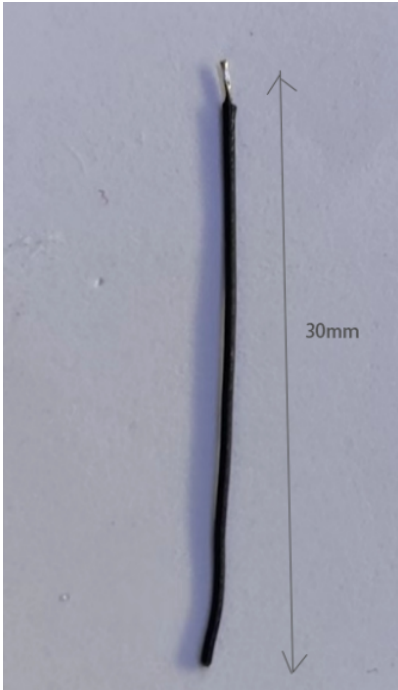
Conclusion



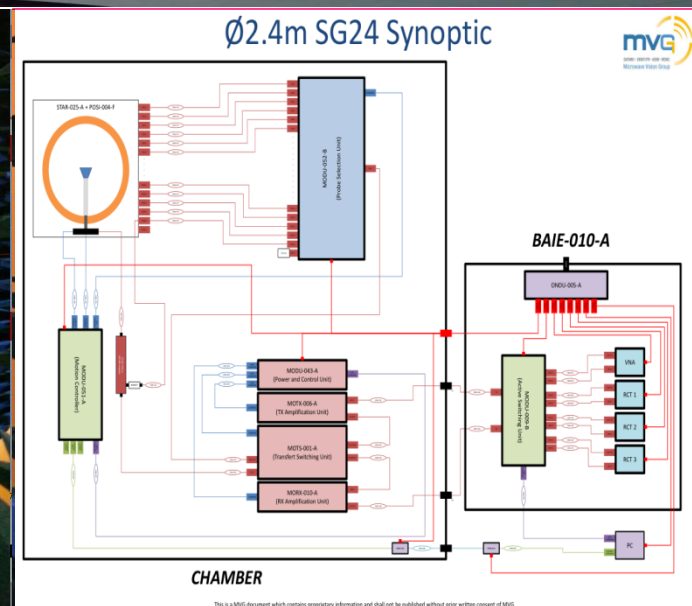
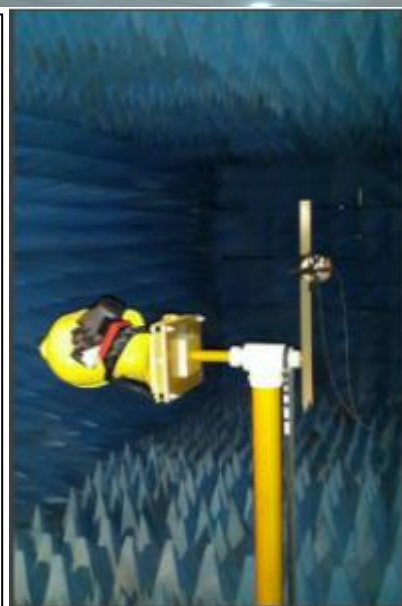
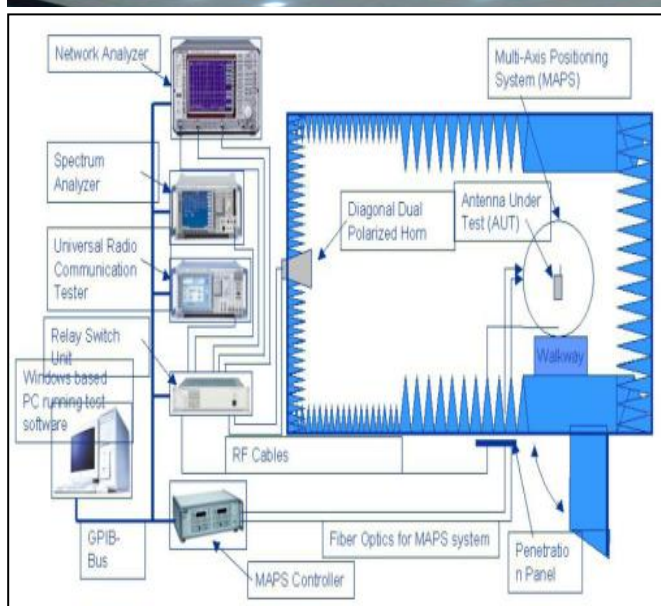


Antenna design spectrum:	BT	Repor version:	Date	Content
Type of antenna:	PIFA	V1.0	2024.06.03	Antenna test report

dimensional drawing:

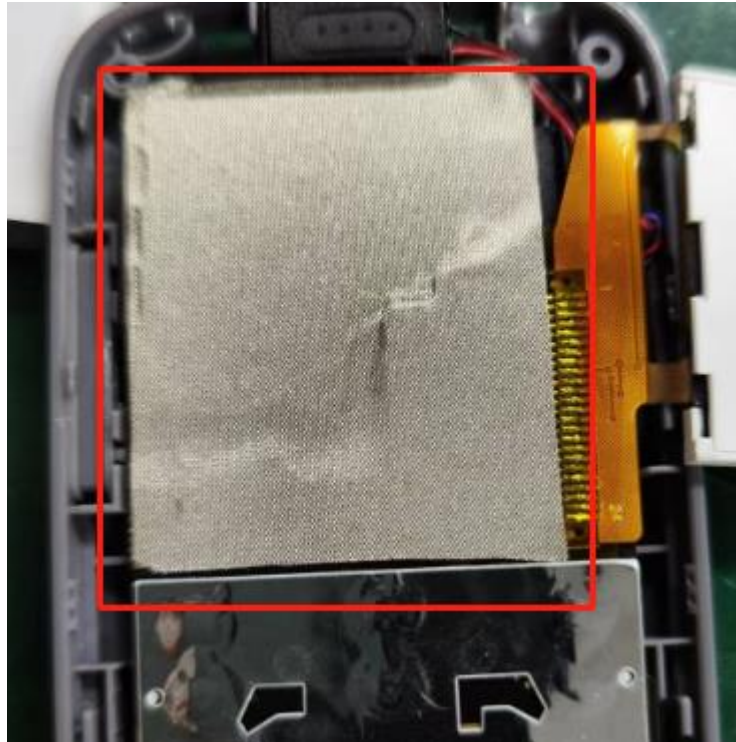


Test Environment



Darkroom system : MVG SG24LT (Satmio)

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



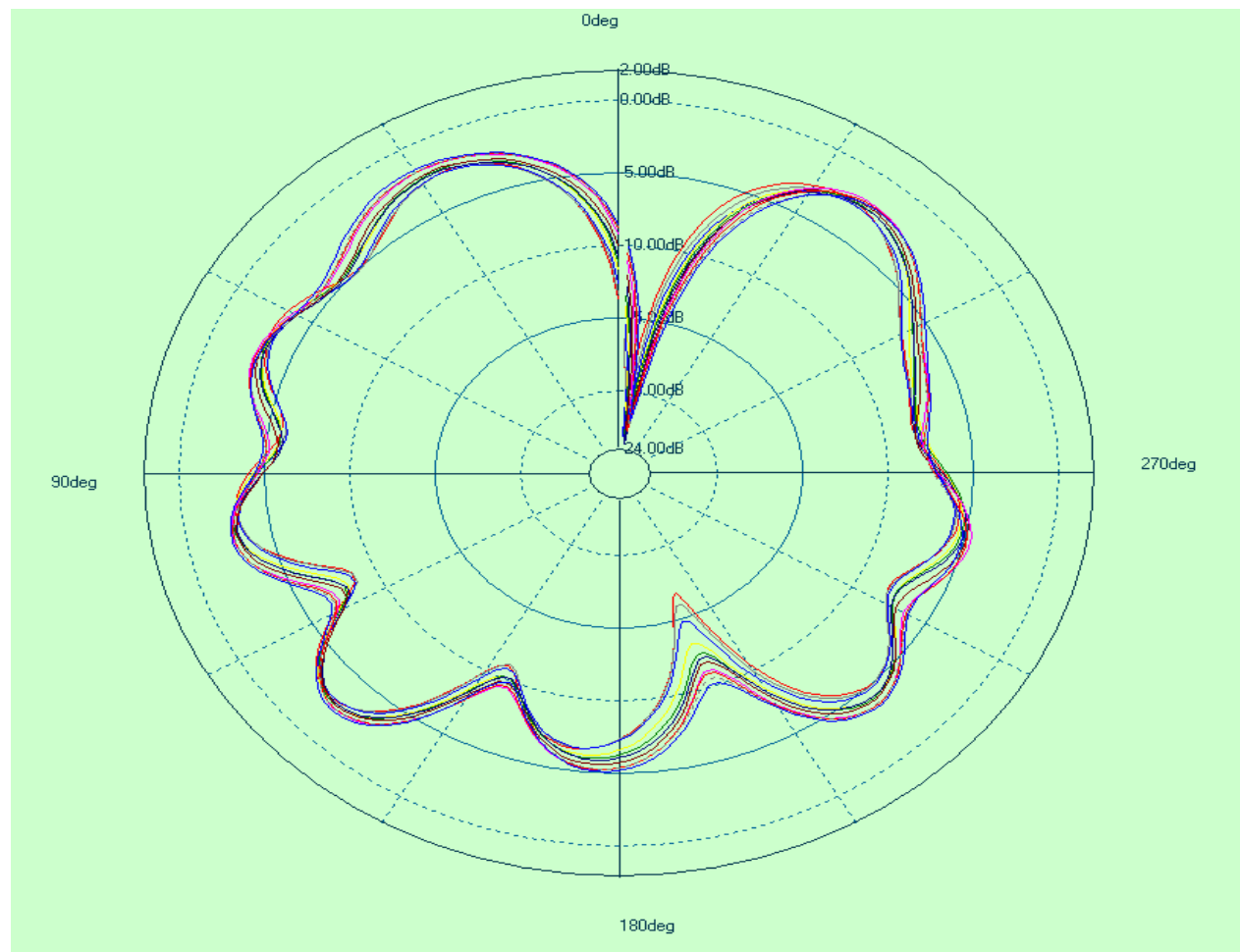
BT passive Efficiency, Gain

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

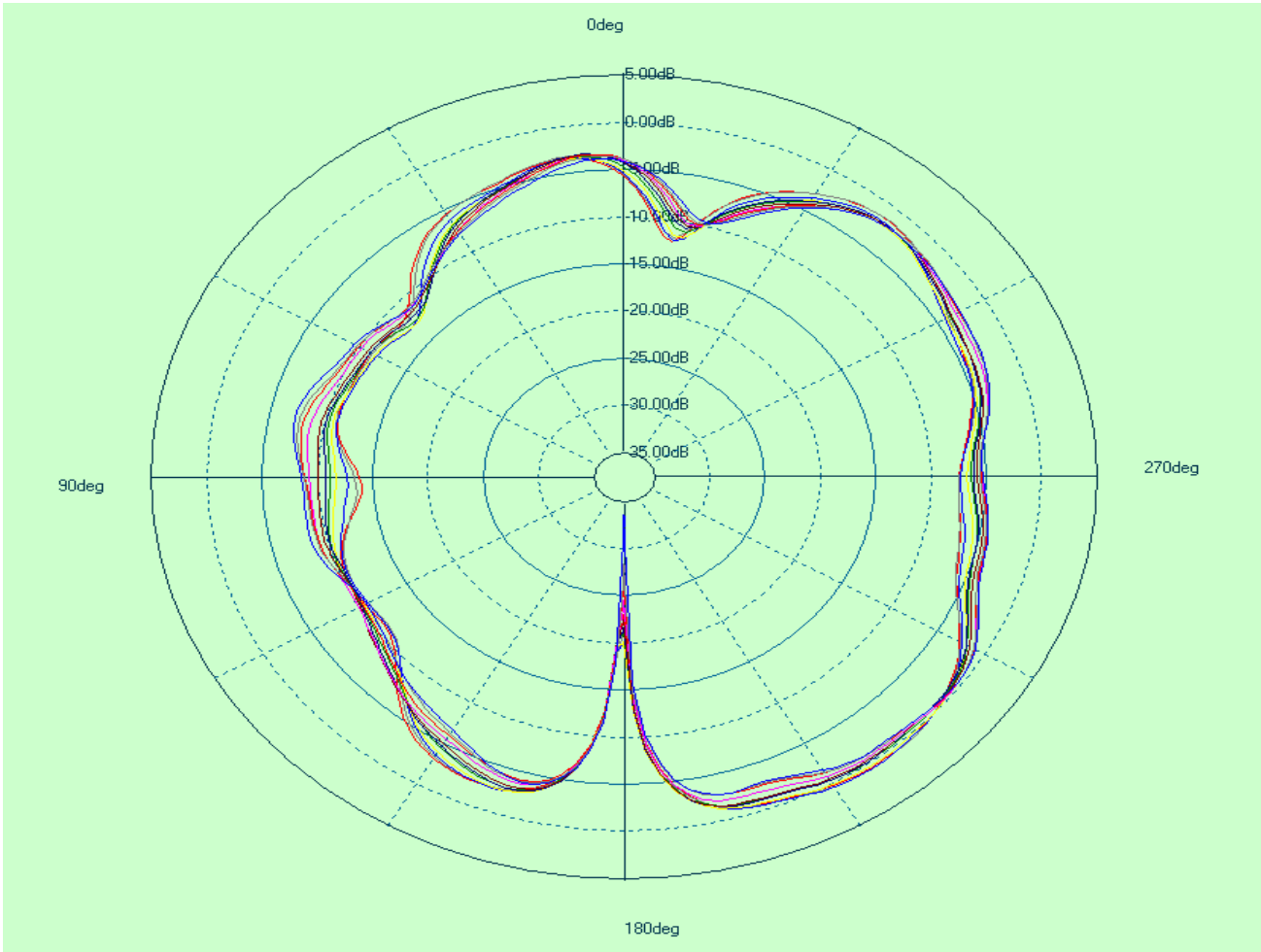
Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)



Apple chart



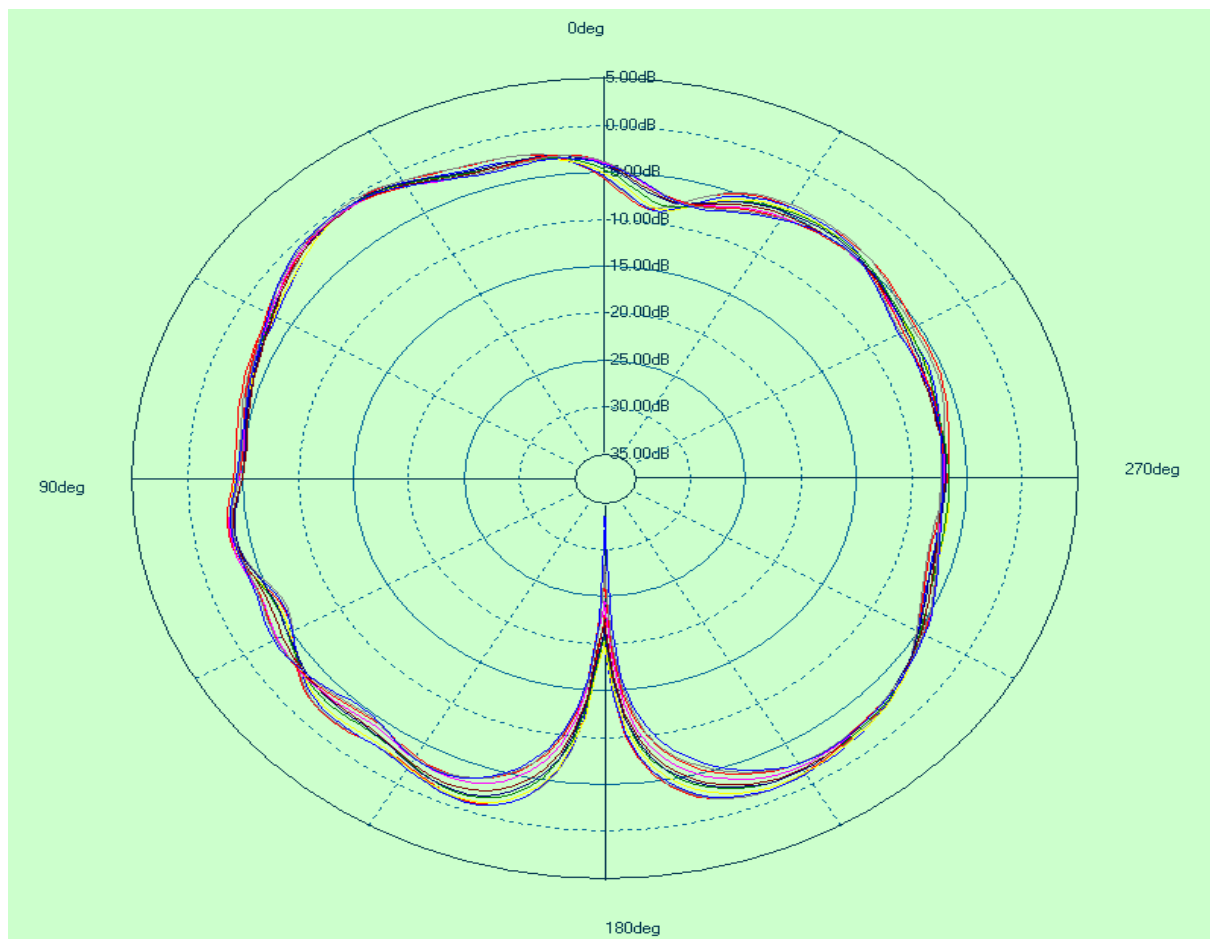
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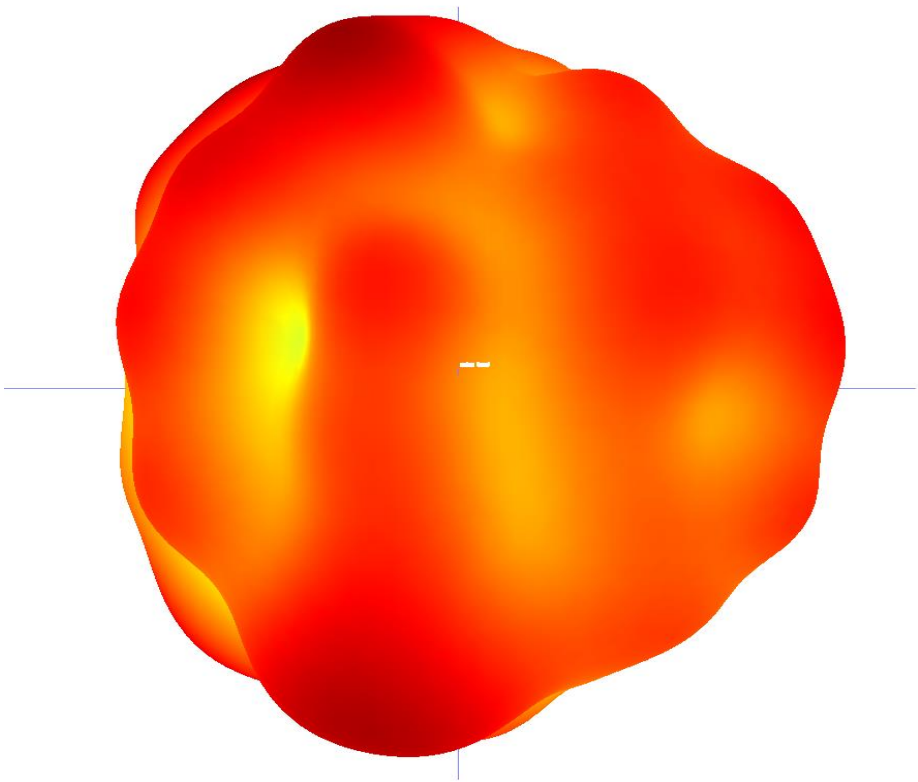
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THANK YOU

If you have any questions, please contact us
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