



C8 Antenna Test Report

Date: 2025.8.15

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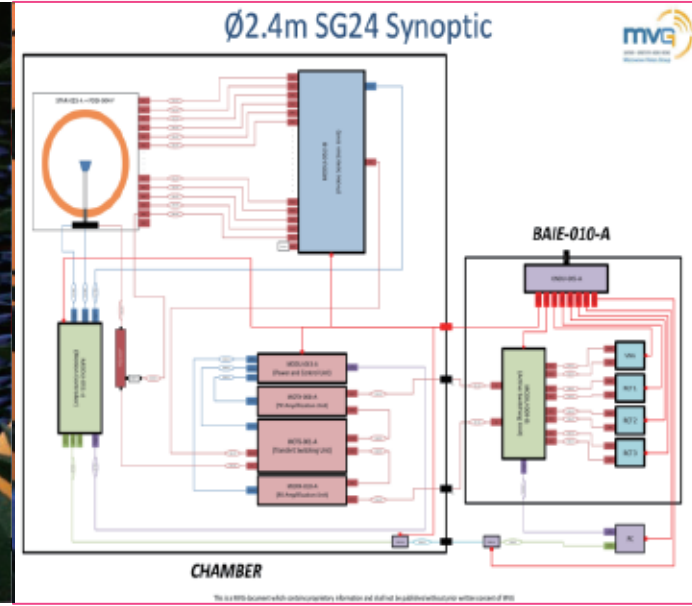
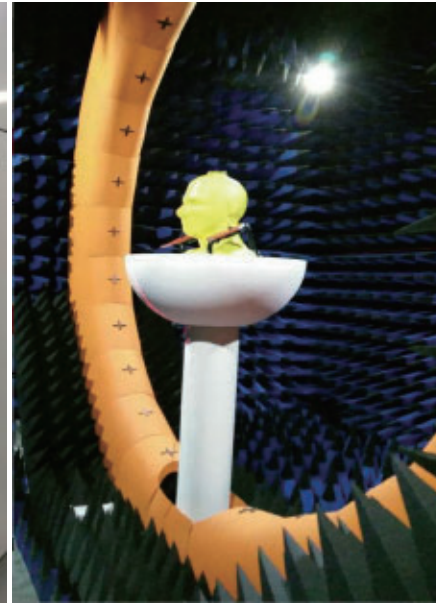
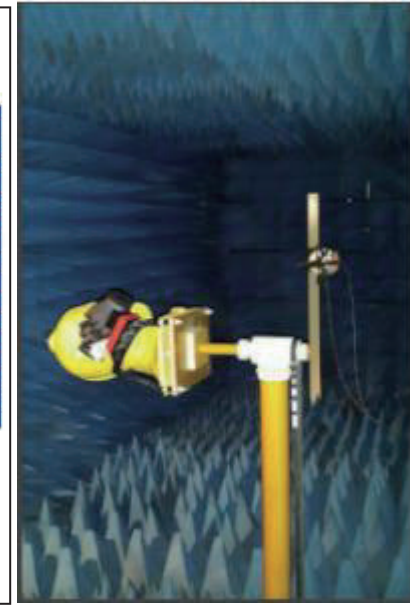
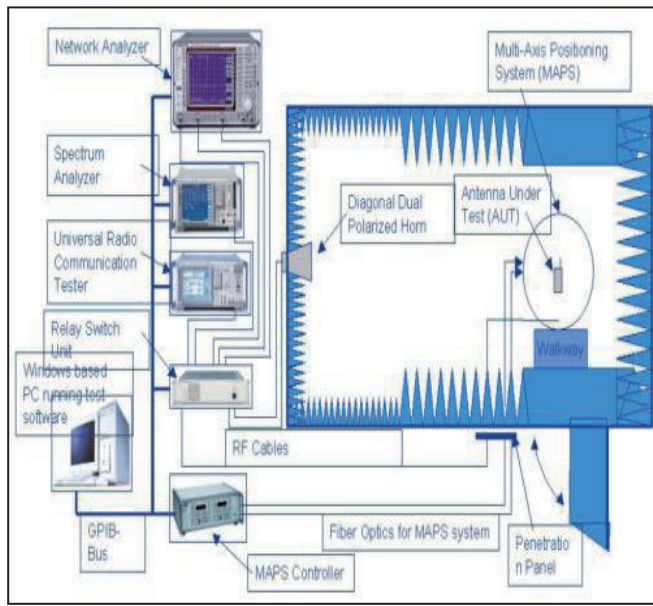
Conclusion





Antenna design spectrum :	BT	Repor version:	Date	Content
Type of antenna :	PIFA	V1.0	2025.8.15	Antenna test report

Test Environment



Darkroom system : MVG SG24LT (Satmio)

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





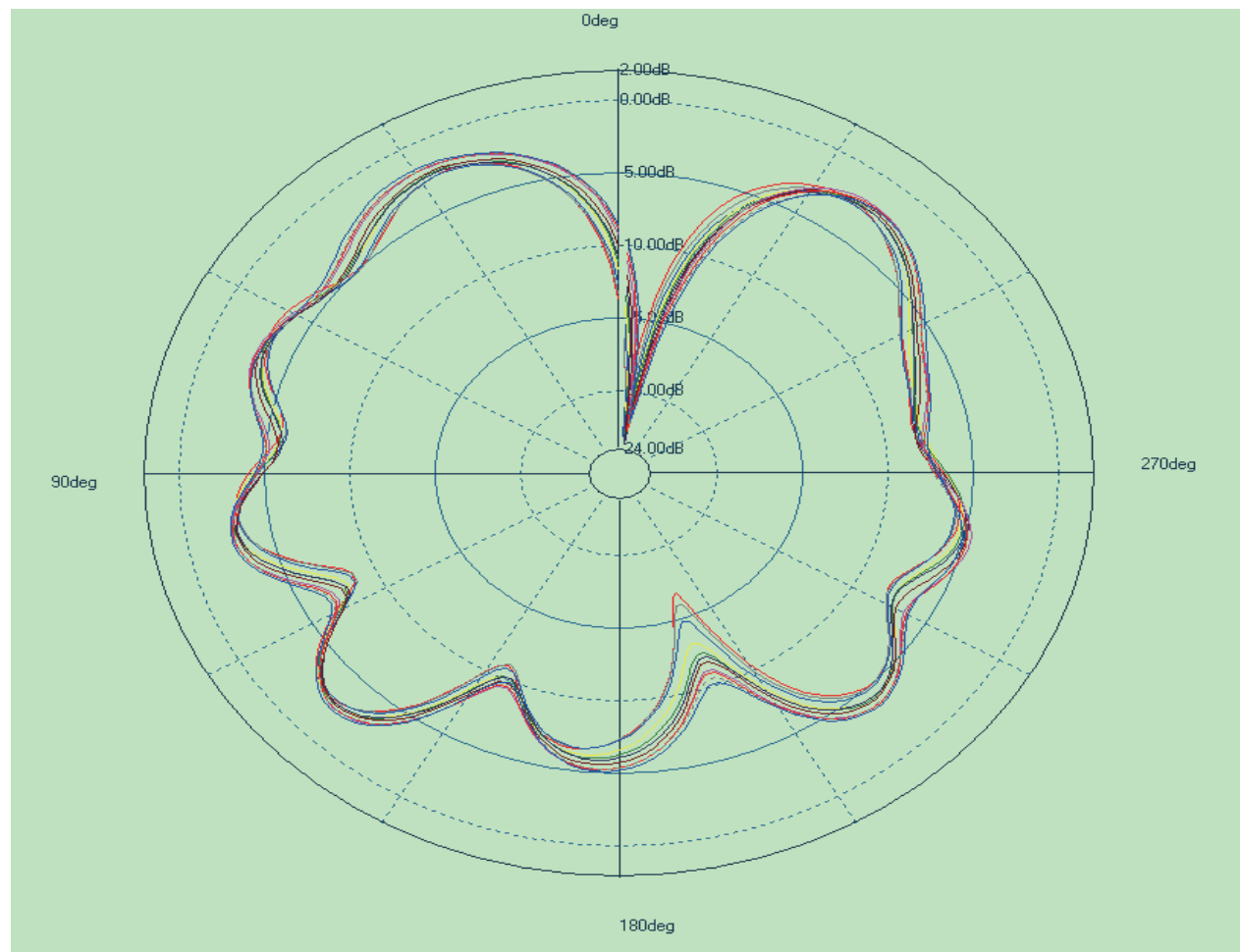
BT passive Efficiency, Gain

Frequency	Efficiency	Efficiency	Gain. dBi
2400000000.00	45%	-3.72036	0.96123124
2410000000.00	45%	-3.71401	1.0000000
2420000000.00	44%	-3.76142	0.98212254
2430000000.00	46%	-3.61797	0.99551154
2440000000.00	46%	-3.56478	0.96421254
2450000000.00	46%	-3.59435	0.98521123
2460000000.00	47%	-3.51661	0.92657132
2470000000.00	48%	-3.37117	0.99215321
2480000000.00	48%	-3.37421	0.98545054
2490000000.00	48%	-3.37531	0.95062145
2500000000.00	49%	-3.27861	0.96423232

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



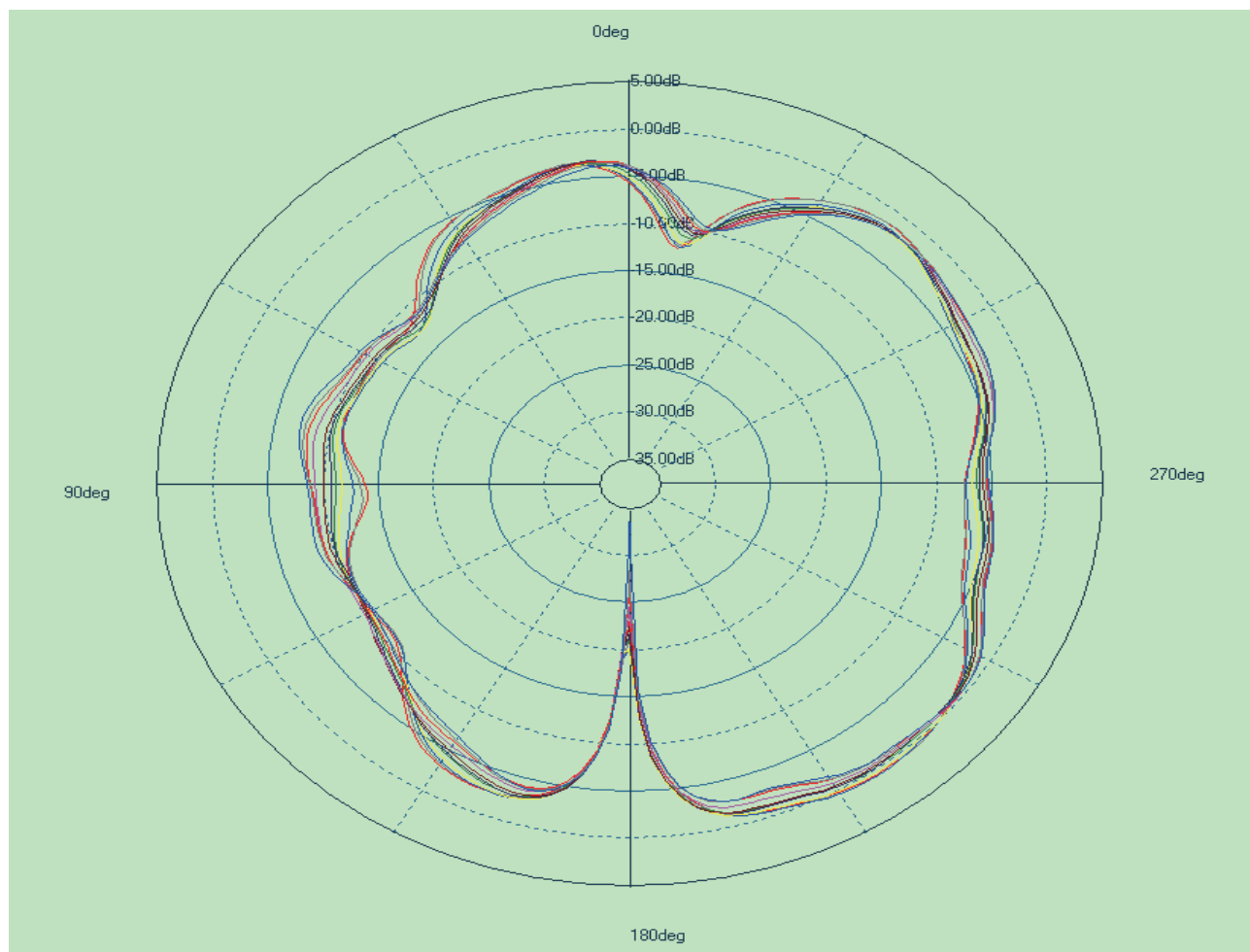
Apple chart



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



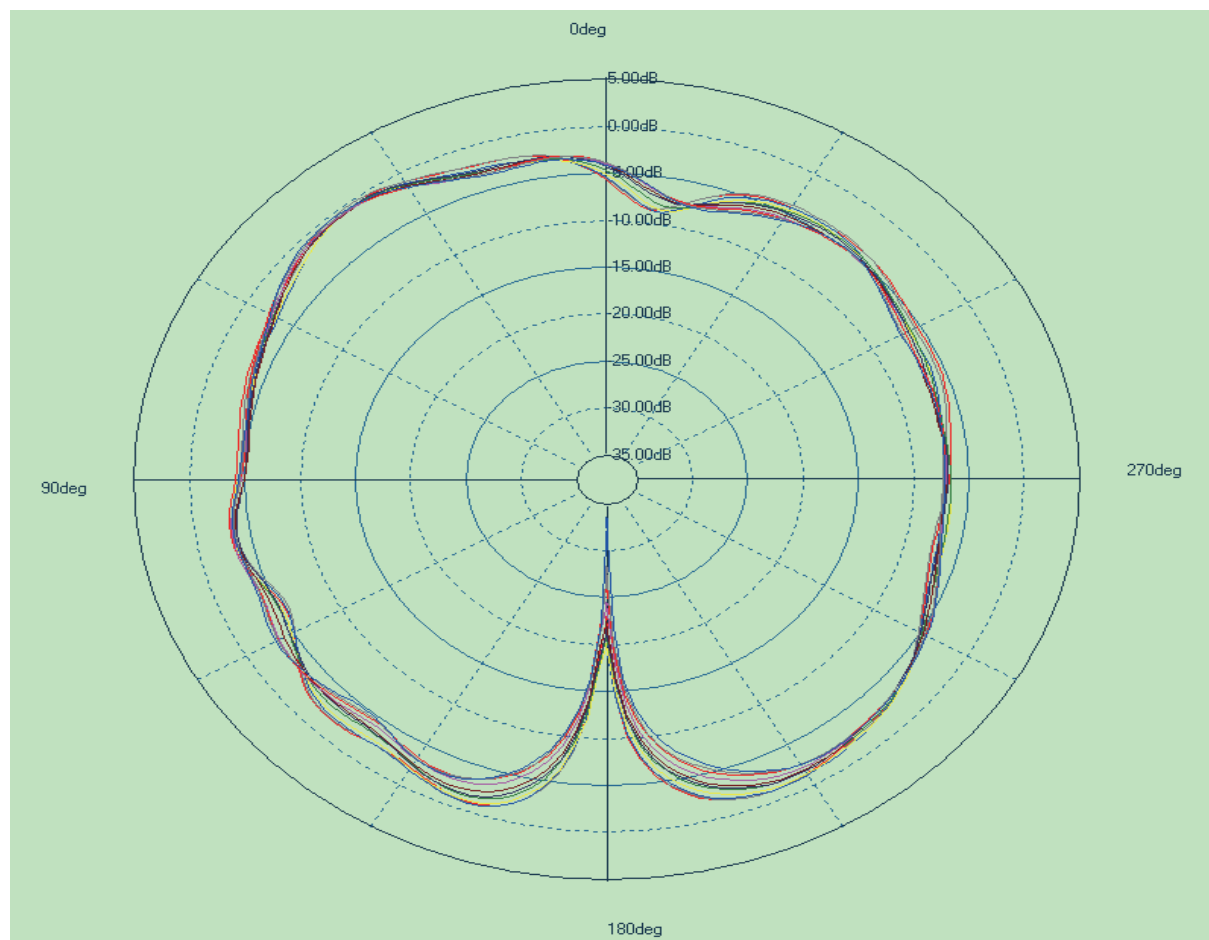
Apple chart



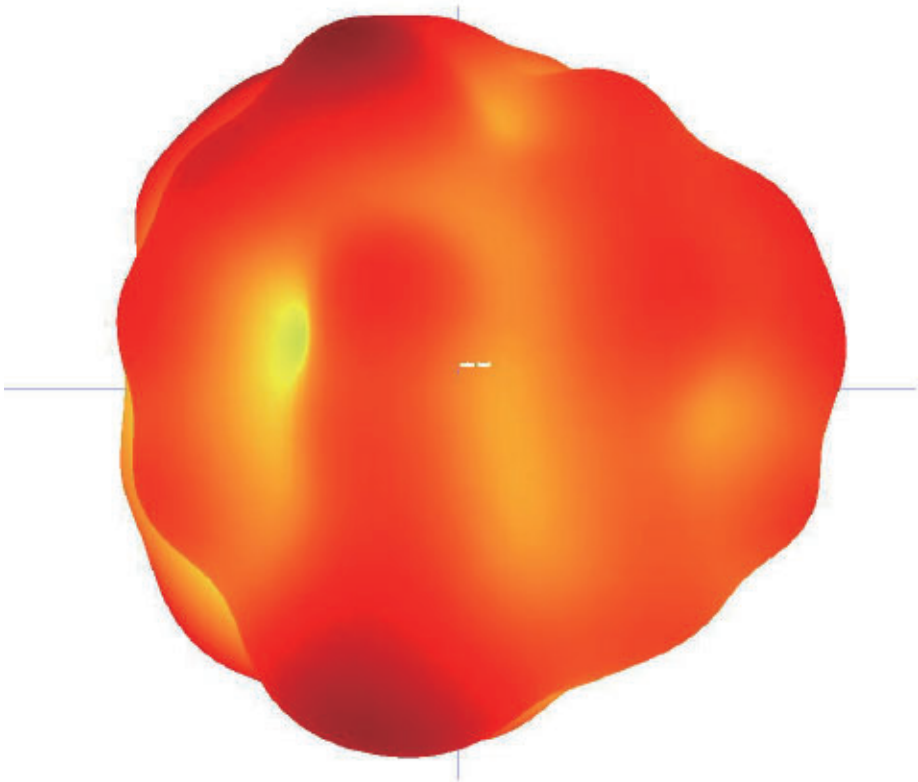
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Apple chart

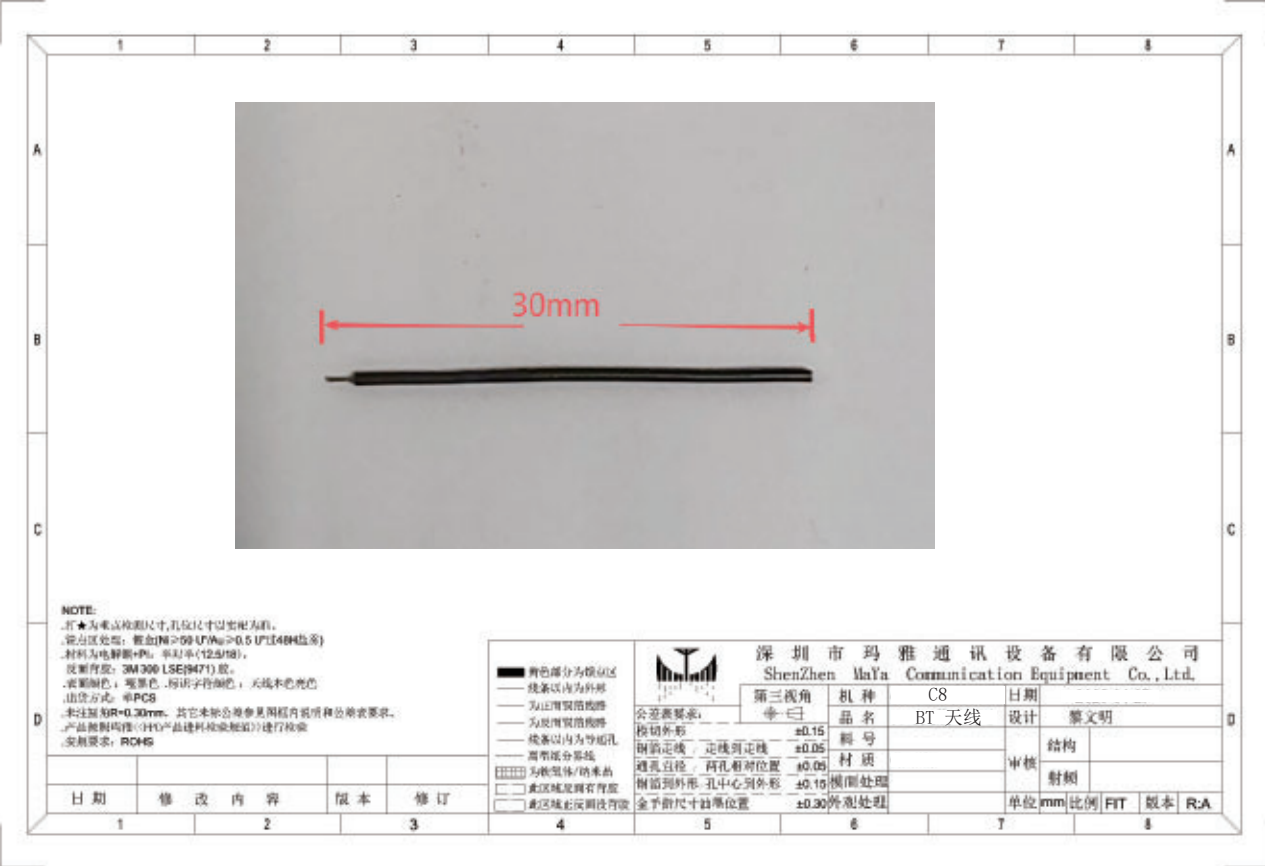


Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)



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

Antenna structure diagram



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

THANK YOU

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Confidentiality requirements

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