



Dedicated to wireless communication signal solutions

Antenna Test Report

Client: Shenzhen Gongxin Communication Equipment Co., Ltd.	Project model: T8	2025.8.21
Debugging version: V1.0		
Shakedown test: BT		



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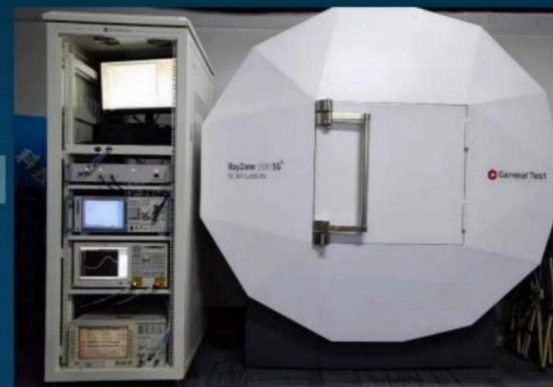
1.Test Equipment

Test equipment

SG24



GTS



Agilent 8960



CMW 500



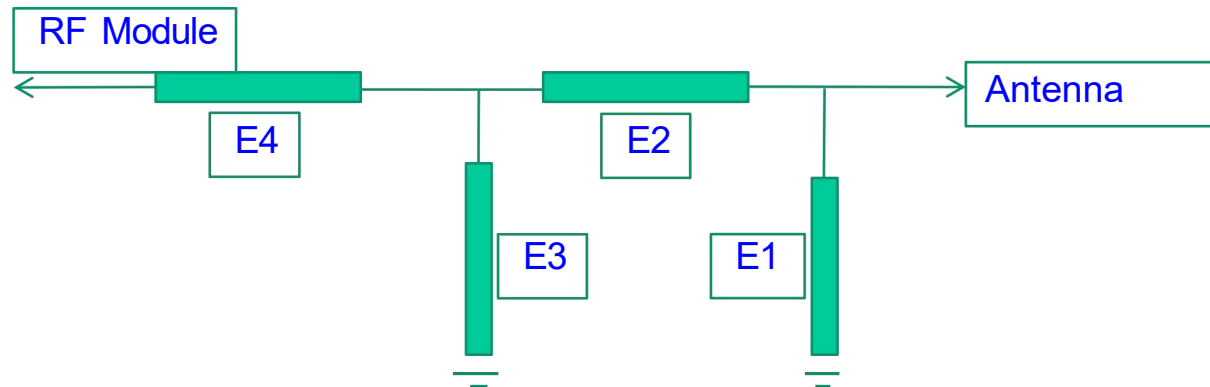
Agilent E5071B

Test system	Test environment	Active testing	Passive testing
SG24	temperature: 22°C±3°C	BT/WIFI/GPS	600MHZ——6G
GTS	humidity: 50%±15%		



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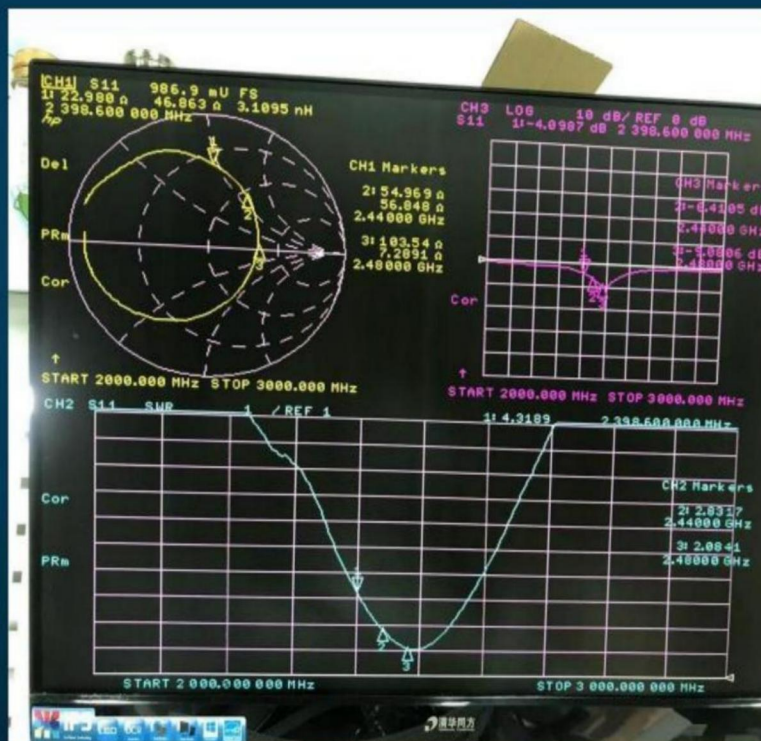
2. Matching Circuit



Match modified: No



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深圳市锦鸿无线科技有限公司 Shenzhen jinhong Communications Technology Co Ltd



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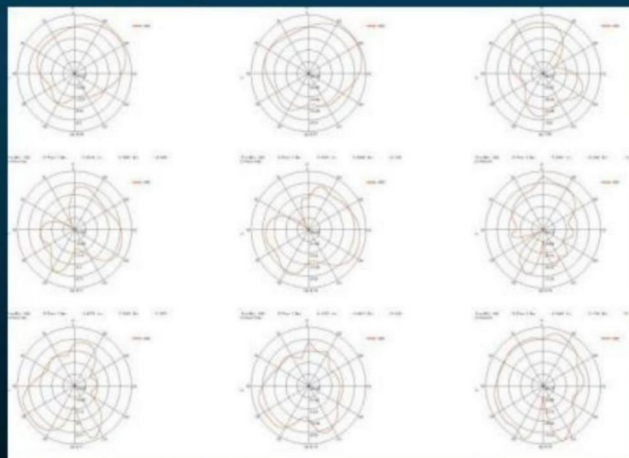
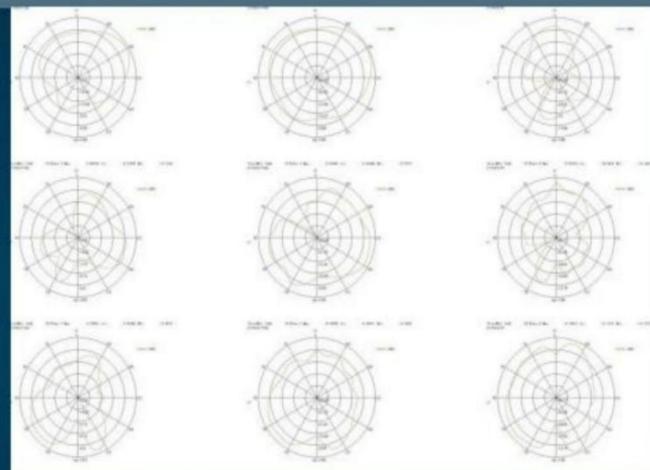
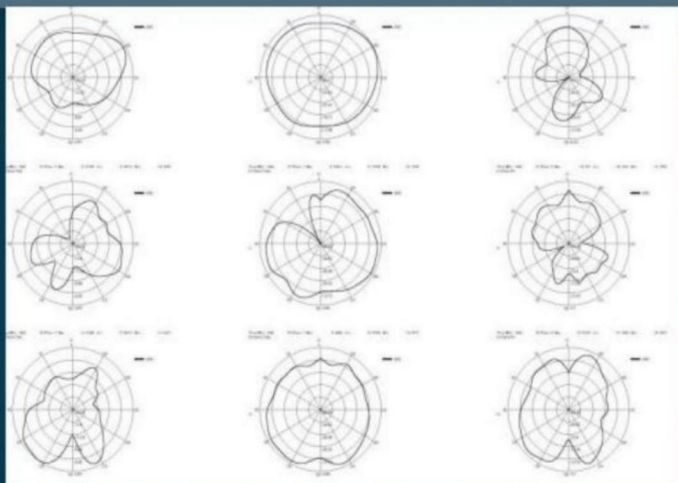
GAIN & Efficiency

Frequency (MHz)	Gain (dB)	Efficiency (%)	
2400	-2.67	10.66	
2410	-2.41	10.88	
2420	-2.23	11.2	
2430	-2.17	11.24	
2440	-1.85	11.61	
2450	-1.63	12.28	
2460	-1.37	12.69	
2470	-1.13	13.39	
2480	-1.1	13.87	
2490	-1	14.15	
2500	-1.15	14.11	



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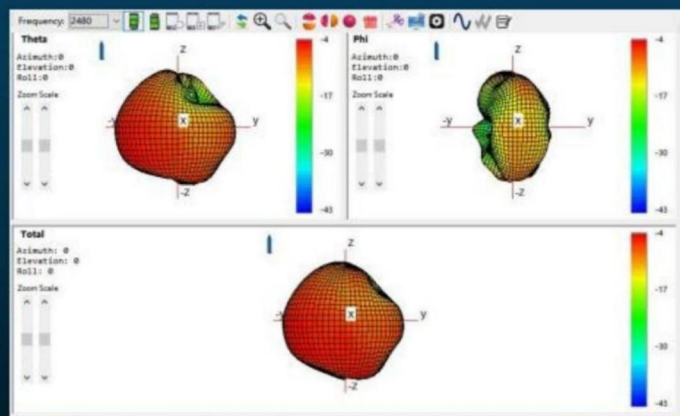
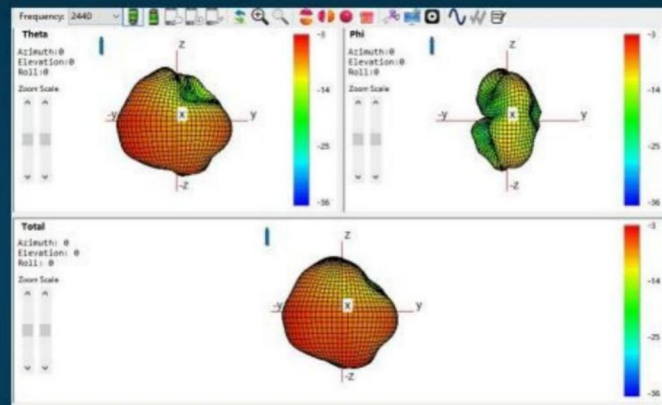
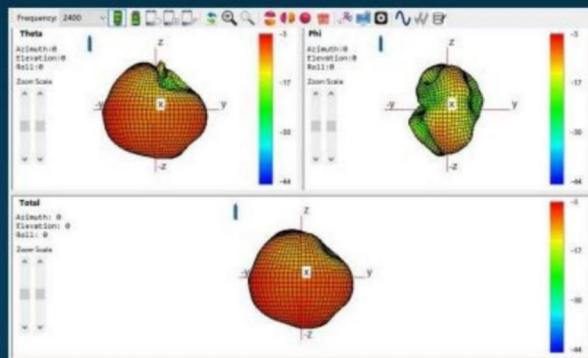
2D Radiation Pattern





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3D Radiation Pattern





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Antenna position and size

		①
	length:	30mm
	Diameter	0.65mm



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