

Shenzhen Ruixiyun Communication Technology Co., Ltd

Antenna Test Report



Date: January 3, 2025

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Introduction to project debugging

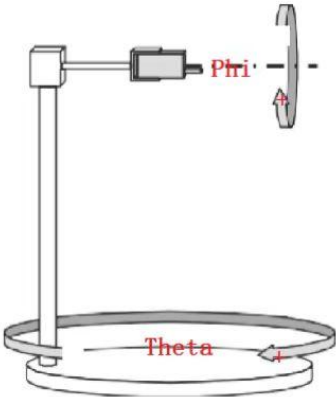
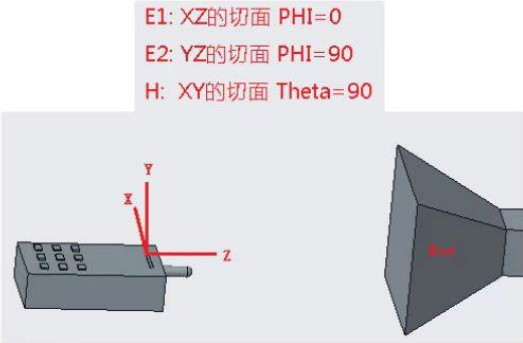
Customer name		Project name				
Models		Antenna material		FR4		
Antenna generalization		BT/WIFI GPS	2.4G WIFI			

2.Contact information for the project leader

engineer	TOM ZHU	15012761537	

3.Test environment

Test equipment	5071B
darkroom	Atenlab 5*3*3
Test Engineer	TOM ZHU
temperature	25°C
humidity	65% (RH)

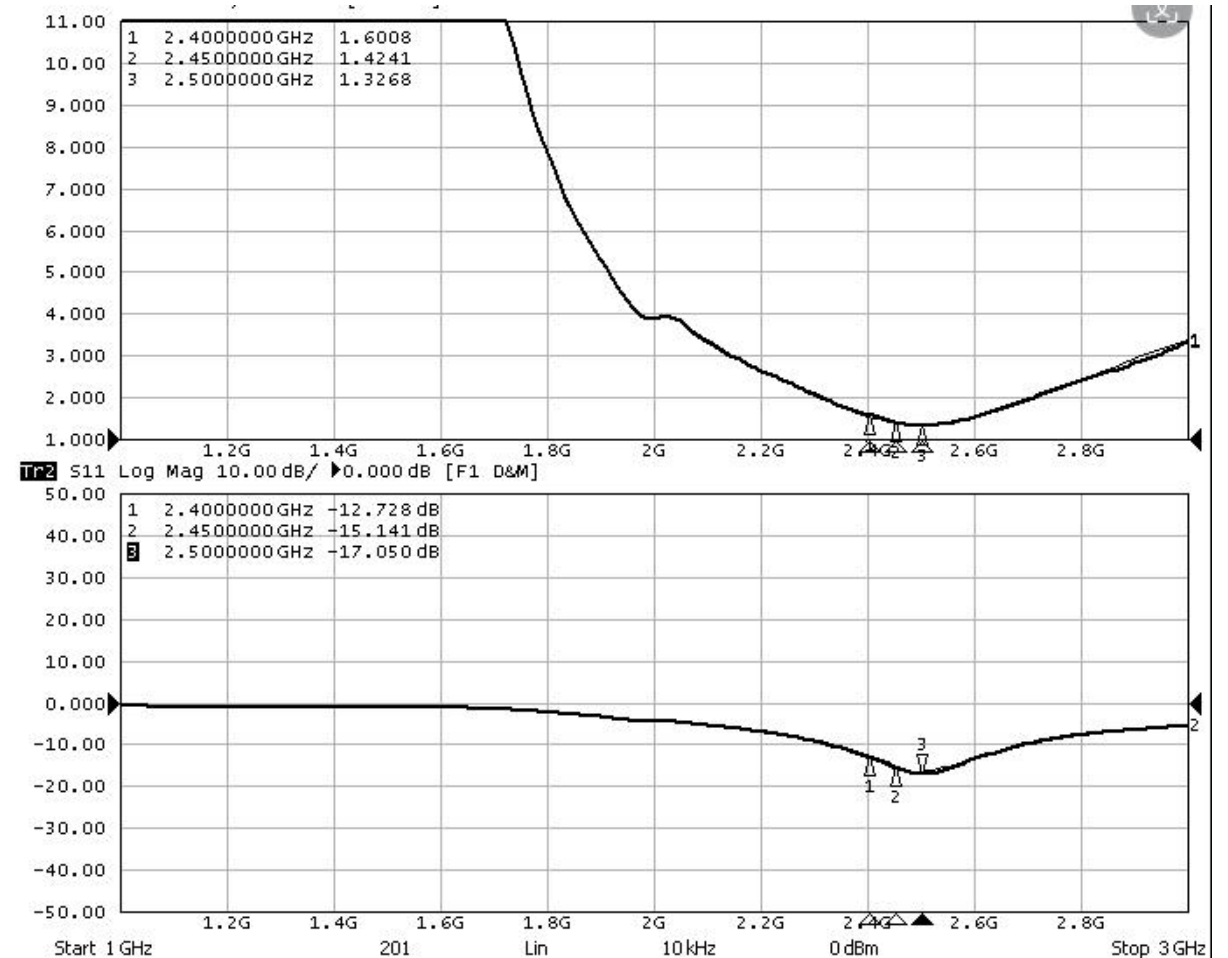


Reference coordinates

4.Passive test data

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	19.35	-7.13	-1.96
2410	17.76	-7.51	-2.28
2420	15.49	-8.1	-2.7
2430	16.16	-7.92	-2.21
2440	13.67	-8.64	-2.84
2450	13.48	-8.7	-2.74
2460	13.21	-8.79	-2.74
2470	13.79	-8.6	-2.44
2480	13.82	-8.6	-2.31
2490	11.61	-9.35	-3.01
2500	12.55	-9.01	-2.56

Passive gain and
efficiency



VSWR/S11

THANK YOU

