



深圳市浩天诚无线科技有限公司
SHENZHEN HAOTIAN CHENG WIRELESS TECHNOLOGY CO.,LTD.

Antenna Performance Test Report

Client Name	Xiang Ming Da	RF Engineer	Xiao Qiang
Project name	ET485	Structural Engineer	Huang Zhenming
antenna frequency	BT (2400-2500MHZ)		
Report version	timing	Content summary	
V2.0	2024-6-25	Antenna Performance Test Report	

Test Report Catalog

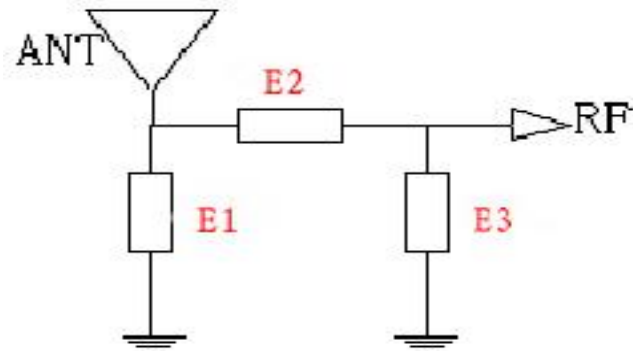
- I.The whole machine effect picture
- II.Matching Circuit
- III.Antenna Passive Standing Wave Diagram
- IV.Antenna Passive Smith Circle Diagram
- V.Antenna passive return loss
- VI.Antenna passive gain efficiency
- VII.Antenna Passive Apple Diagram
- VIII.note

I he whole machine effect picture

The entire front and back of the machine, as shown in the picture:

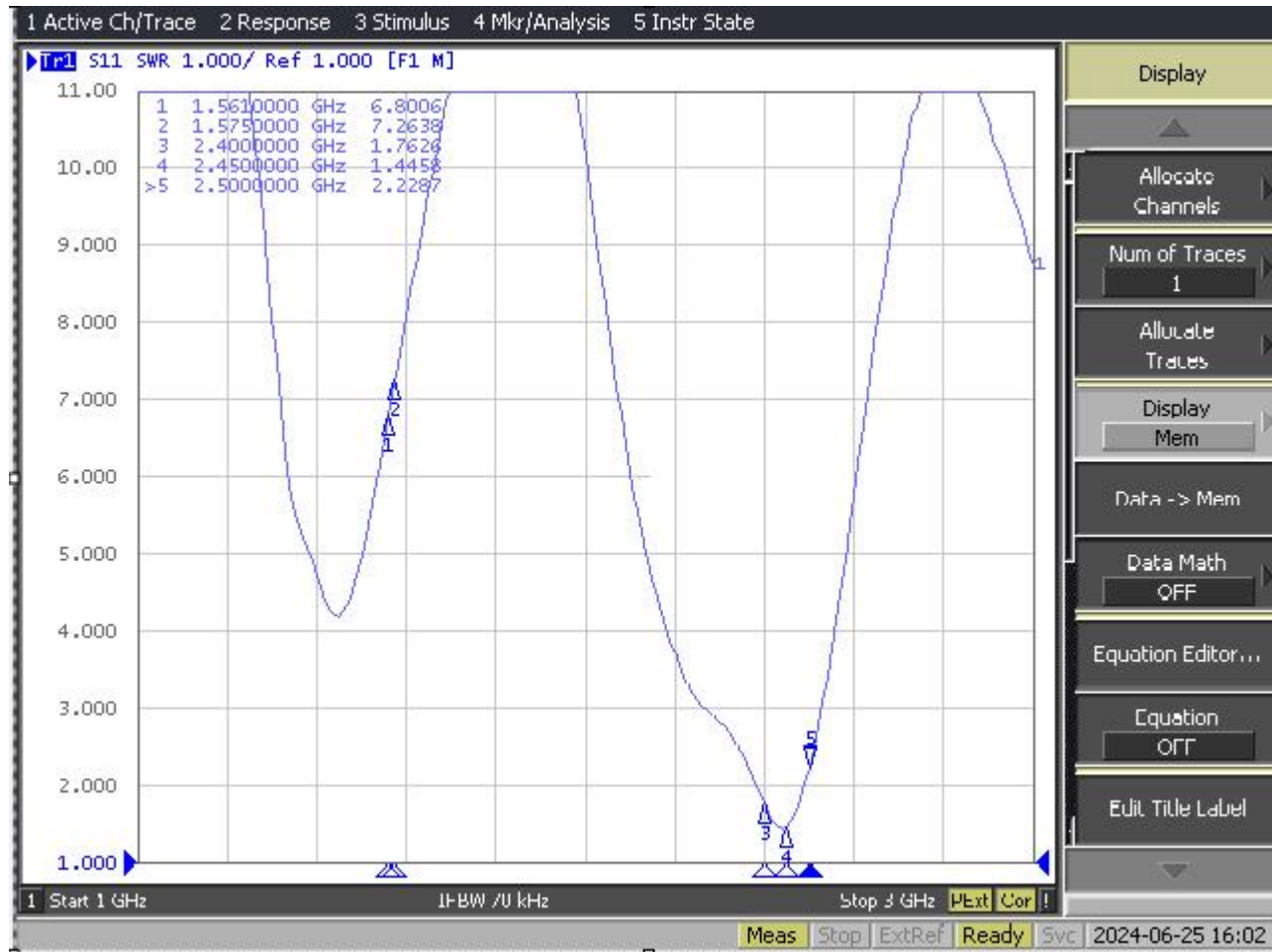


II Matching Circuit

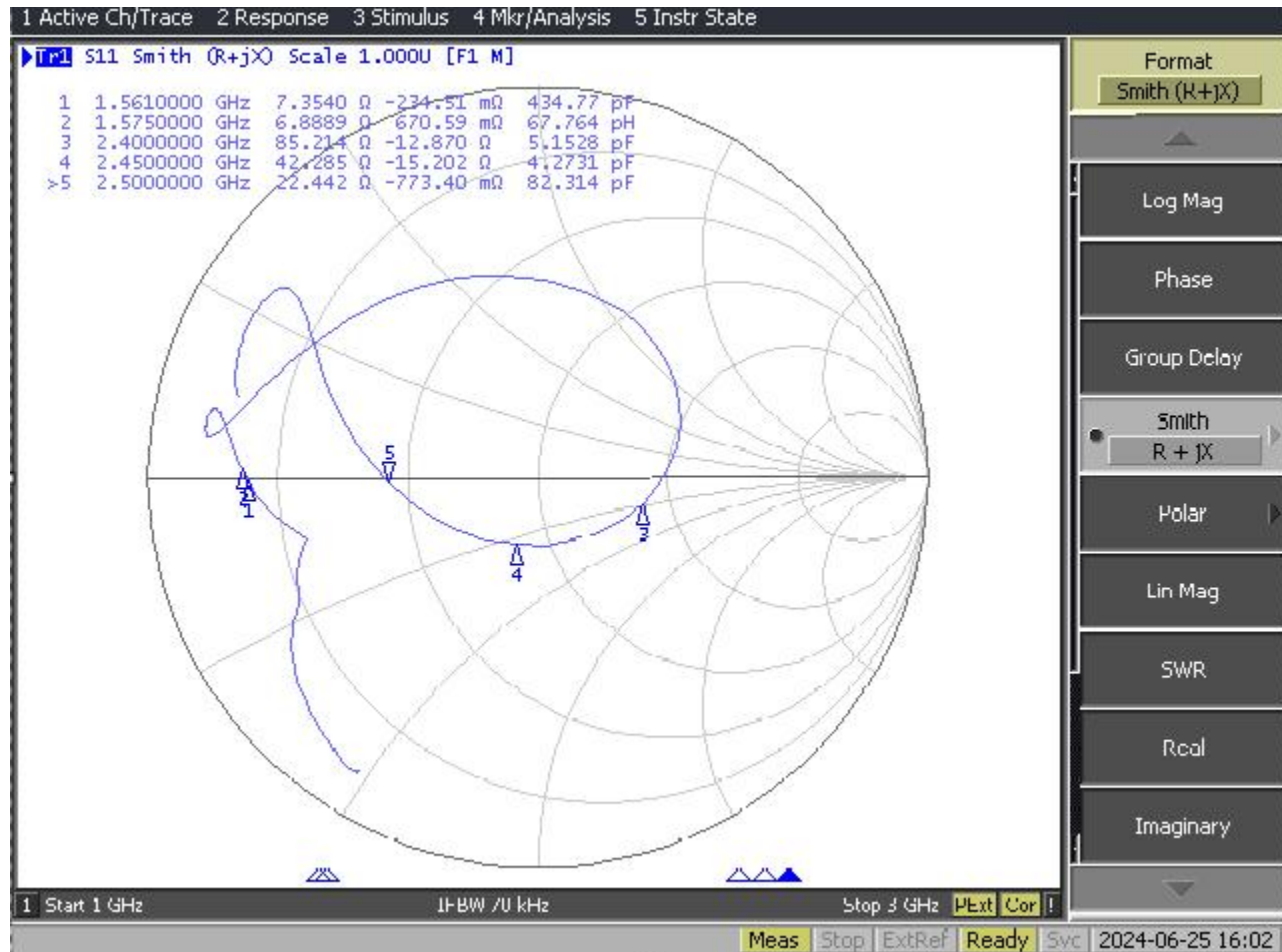


Motherboard original match, unaltered

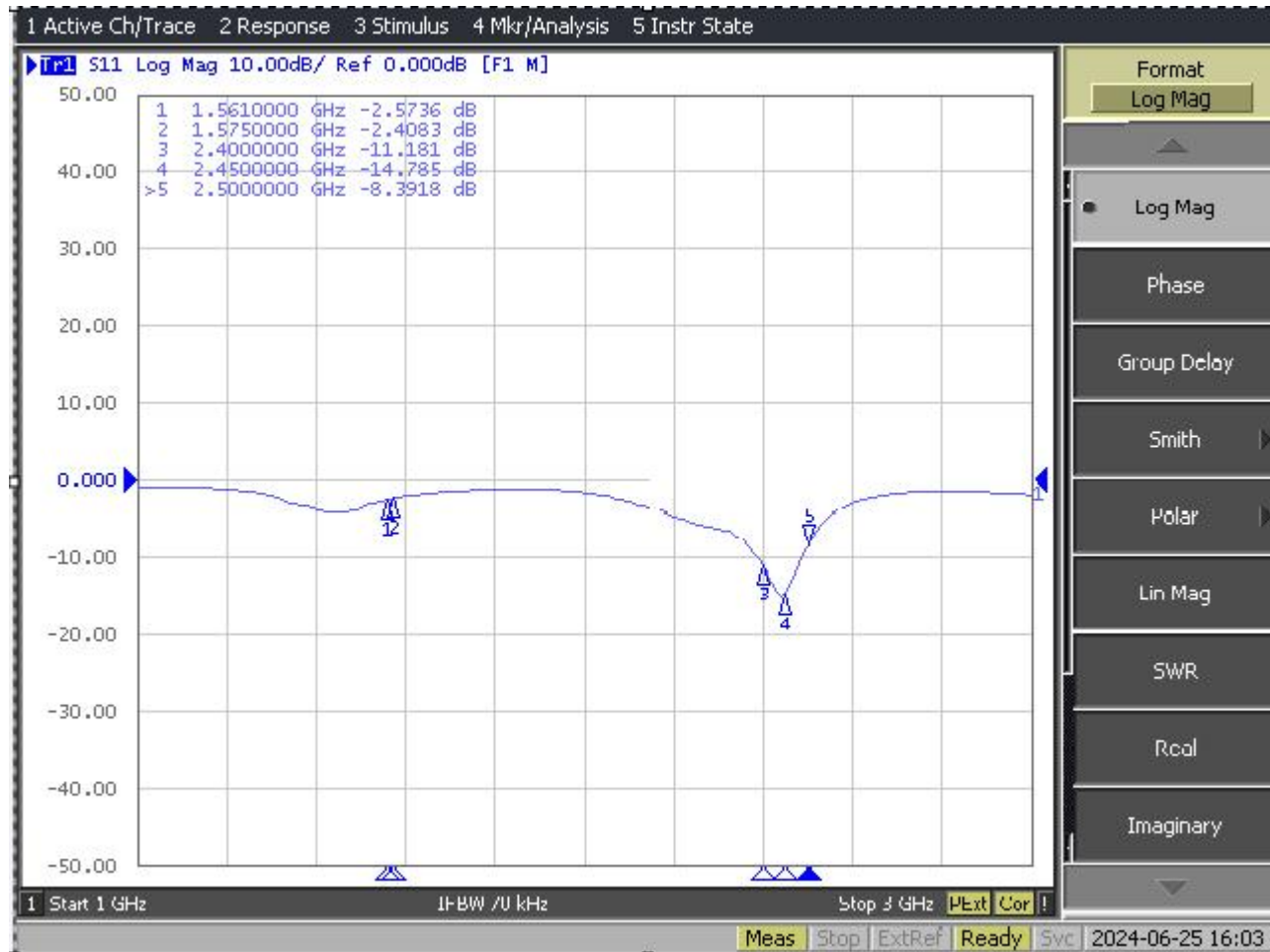
III Antenna Passive Standing Wave Diagram



IV Antenna Passive Smith Circle Diagram



V Antenna passive return loss



VI Antenna passive gain efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	43.8	-1.37
2410	43.41	-1.24
2420	41.48	-1.24
2430	41.66	-0.87
2440	43.25	-0.46
2450	41.07	-0.39
2460	33.96	-1.04
2470	31.91	-1.21
2480	30.72	-1.25
2490	29.88	-1.67
2500	28.31	-2.04

VII Antenna Passive Apple Diagram

