



Antenna Performance Test Report			
Customer name	Xiangmingda	Radio frequency engi-neer	Xiao Gong
Project name	ET572	Construction engineer	Huang Zhenming
Antenna frequency band	BT		
Report Version	Time	Content Summary	
V1.0	2025-11-17	Antenna performance test results	

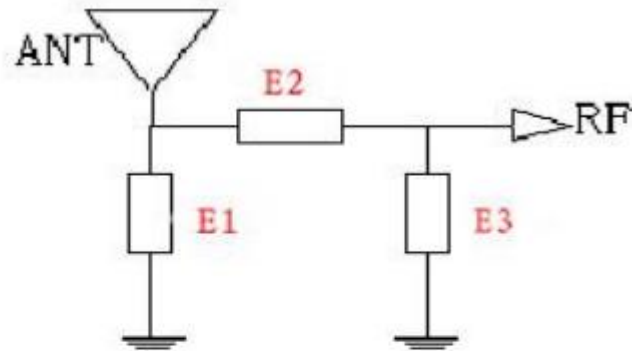
Test Report Directory

- ❧ I. Overall machine rendering
- ❧ II. building-out circuit
- ❧ III. Antenna Passive Standing Wave Pattern
- ❧ IV. Antenna Passive Smith Circle Diagram
- ❧ V. Antenna passive return loss pattern
- ❧ VI. Passive Apple Diagram of Antenna
- ❧ VII. Passive gain efficiency of antenna
- ❧ VIII. remarks

I. Full Machine Rendering

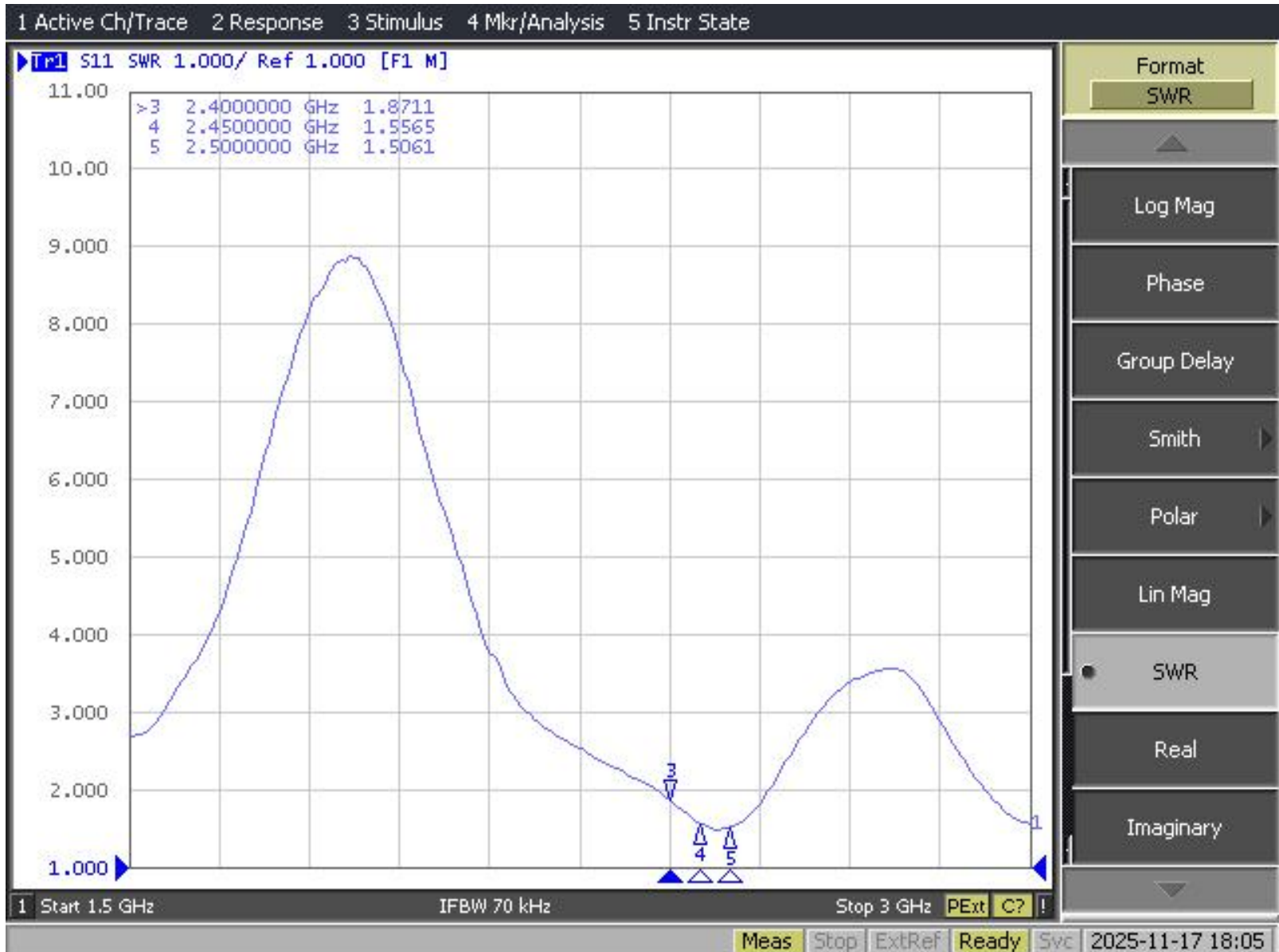


II. Matching Circuits

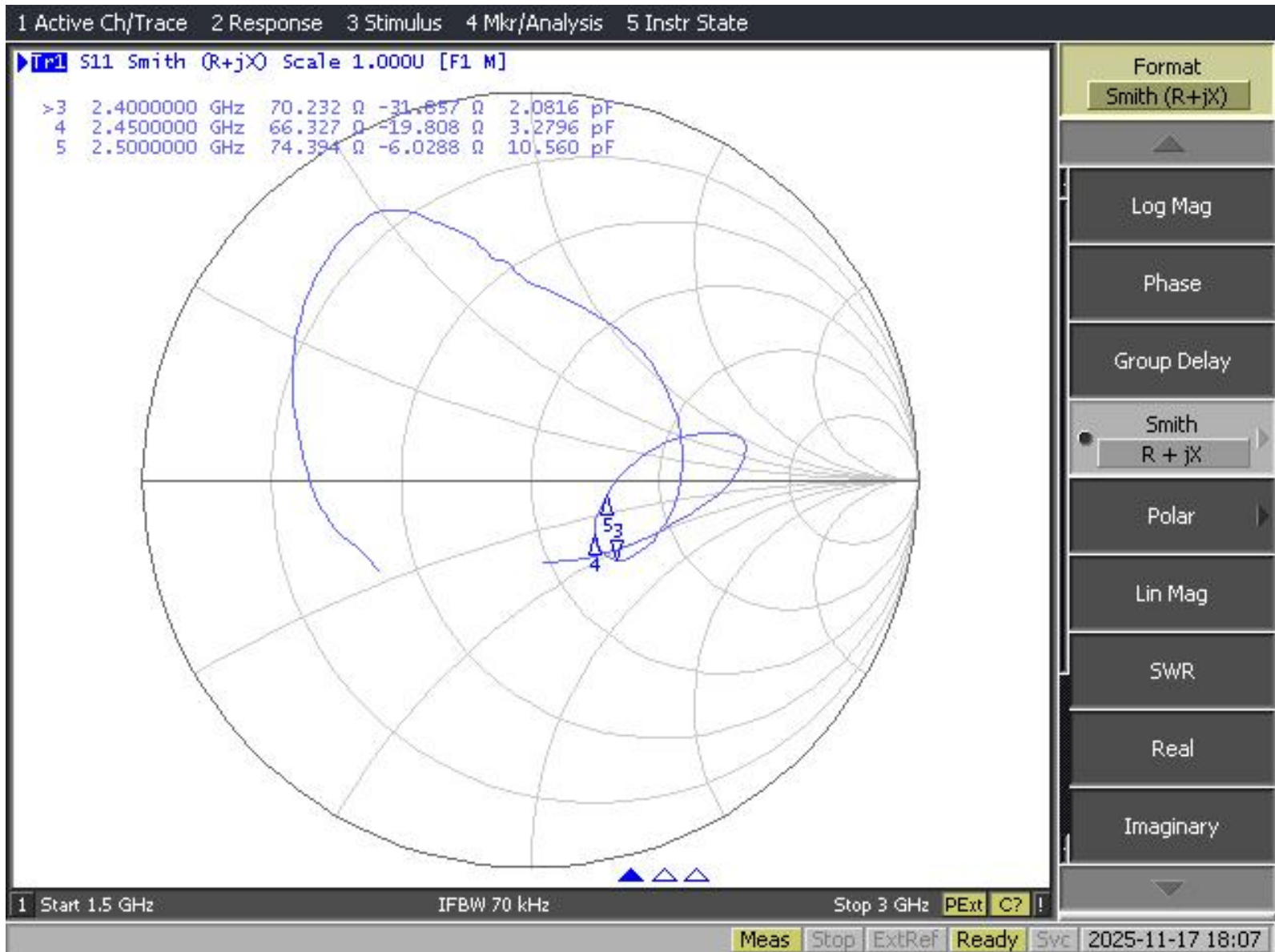


主板原匹配，未做更改

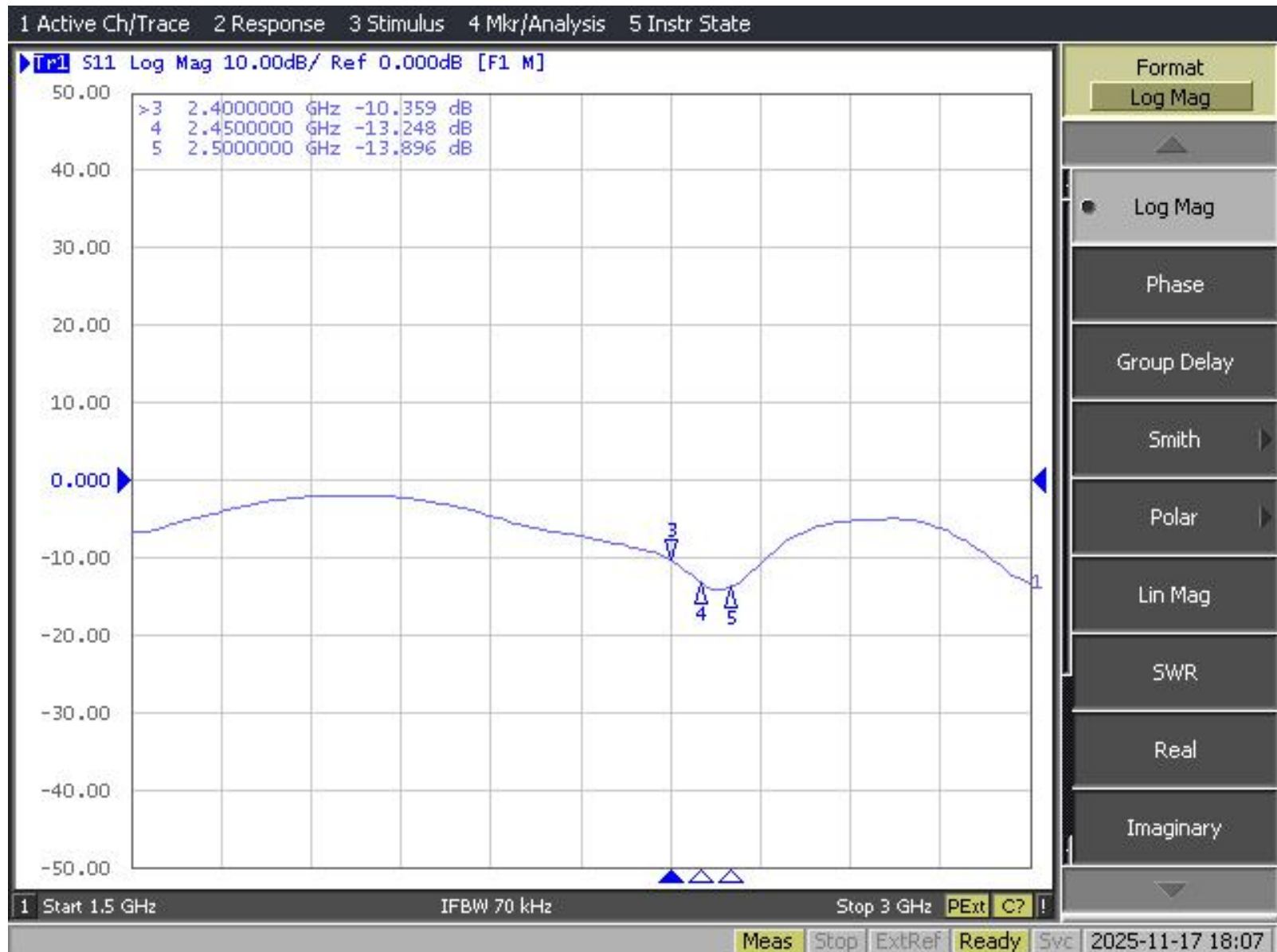
III . Antenna Passive Standing Wave Patt-ern



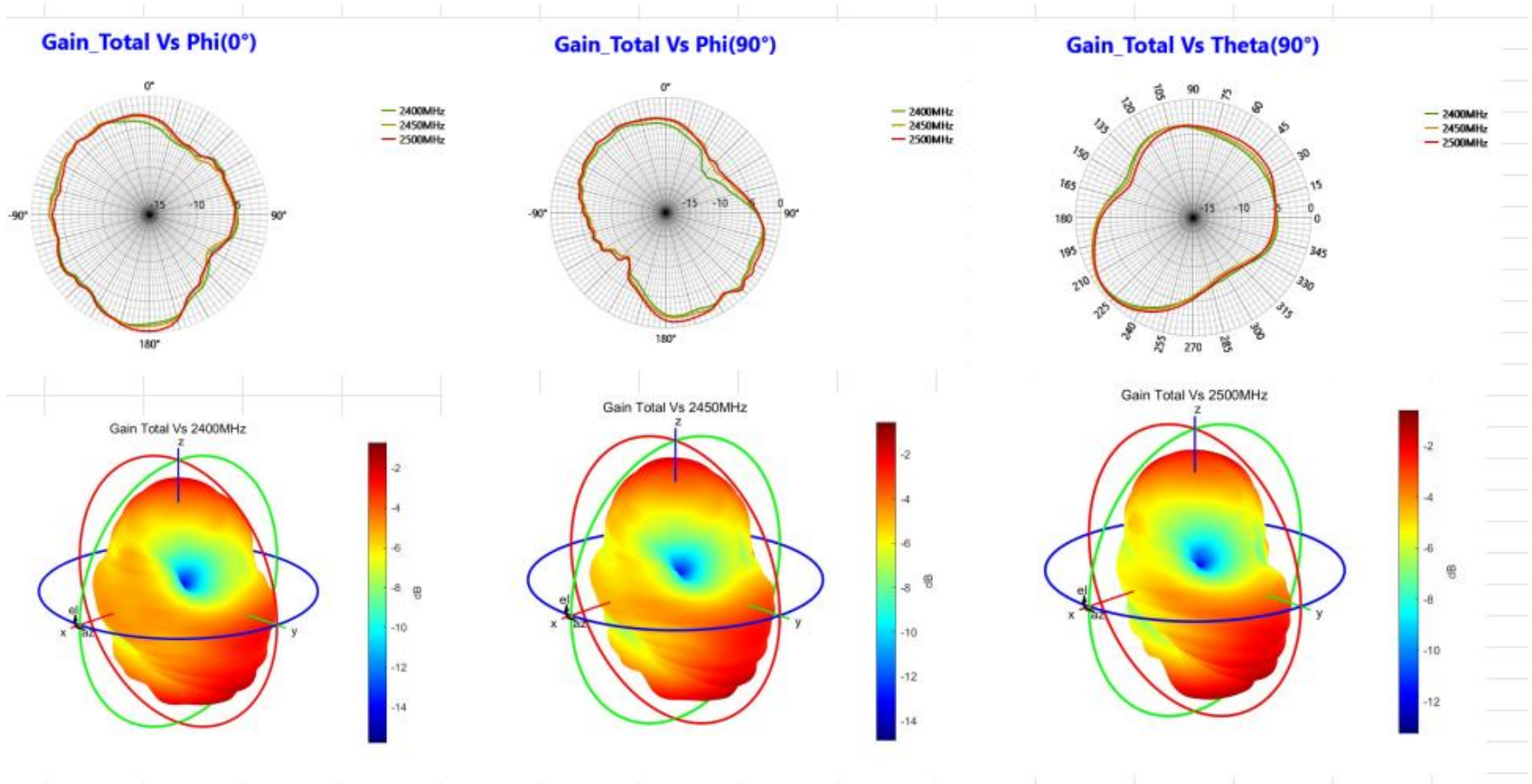
IV . Antenna Passive Smith Circle Diagram



V. Antenna Passive Return Loss Diagram



VI. Antenna Passive Apple Diagram



VII . Passive Gain Efficiency of Antenna

Freq (MHz)	Effi (%)	Gain (dBi)
2400	31.31	0.41
2410	31.44	0.44
2420	31.2	0.59
2430	33.11	0.59
2440	33.01	0.84
2450	36.29	1.01
2460	39.39	1.14
2470	40.09	1.2
2480	40.15	1.33
2490	37.87	1.44
2500	40.04	1.4

VIII. Remarks