



Well Green Technology Co., Ltd

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TWINHEAD F17P

Antenna Test Report

Data 07/30/2004

RD Manager	Supervisor	RD engineer	Sales engineer
David	Johnson	Tim	Jerry

1. Information Overview

1.1 Project Information

	Description	Comments
Project Code of System	F17P	
Project Stage	☒ Prototype ☐ EPR ☐ PPR ☐ MP	
Platform Type	☒ Notebook PC ☐ Tablet PC	

1.2 Antenna Information

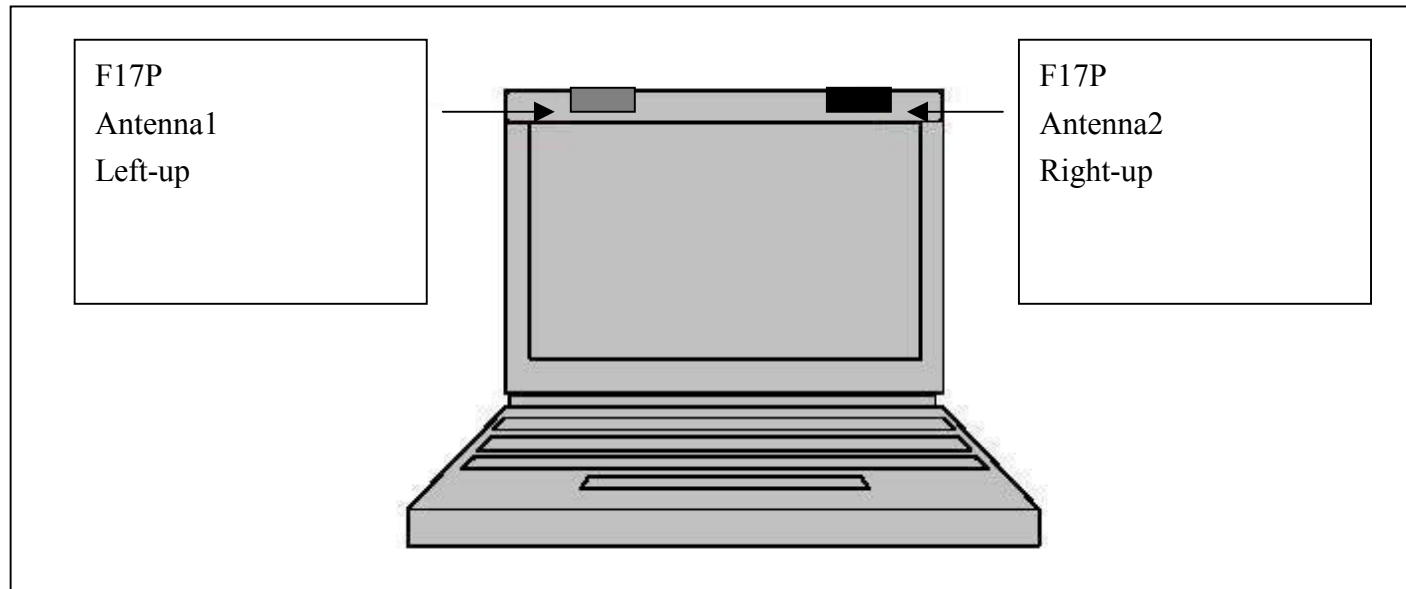
Manufacturer	Well Green Technology Co., Ltd.	
Design Stage	☐ Handmade ☐ Machine ☒ Tooling	

Antenna 1		
Type	PIFA	
Model Name		
Part Number		
Antenna Location	Left-up of the panel	
Antenna Purpose	Wireless LAN 802.11b/g Main Antenna	
Cable Diameter ϕ mm	1.13	
Connector Manufacturer	IPEX	
Frequency GHz	2.4 – 2.5	

Antenna 2		
Type	PIFA	
Model Name		
Part Number		
Antenna Location	Right-up of the panel	
Antenna Purpose	Wireless LAN Aux Antenna	
Cable Diameter ϕ mm	1.13	
Connector Manufacturer	IPEX	
Frequency GHz	2.4 – 2.5	

Antenna 3 - unavailable		
Type		
Model Name		
Part Number		
Antenna Location		
Antenna Purpose		
Cable Diameter ϕ mm		
Connector Manufacturer		
Frequency GHz		

2. Antenna placement and Photo

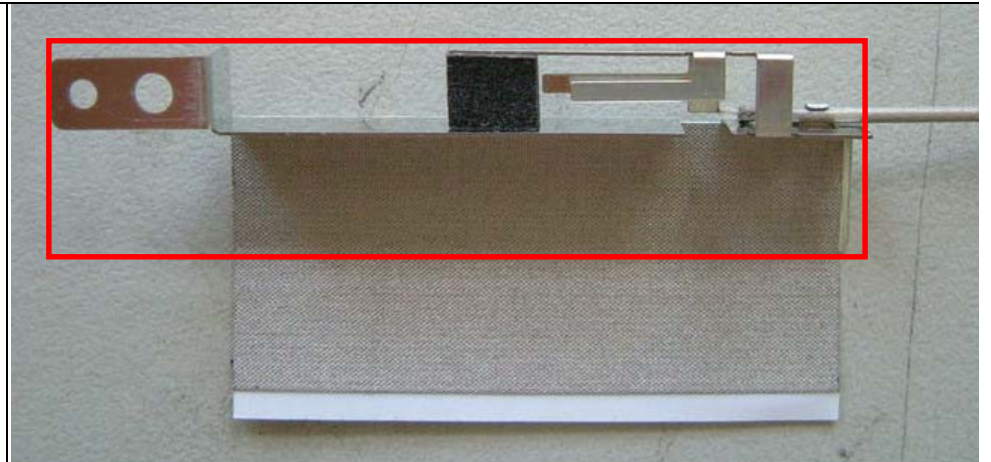
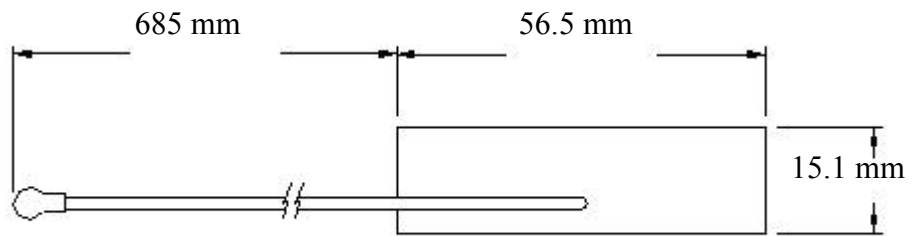


Antenna Assembly Photo

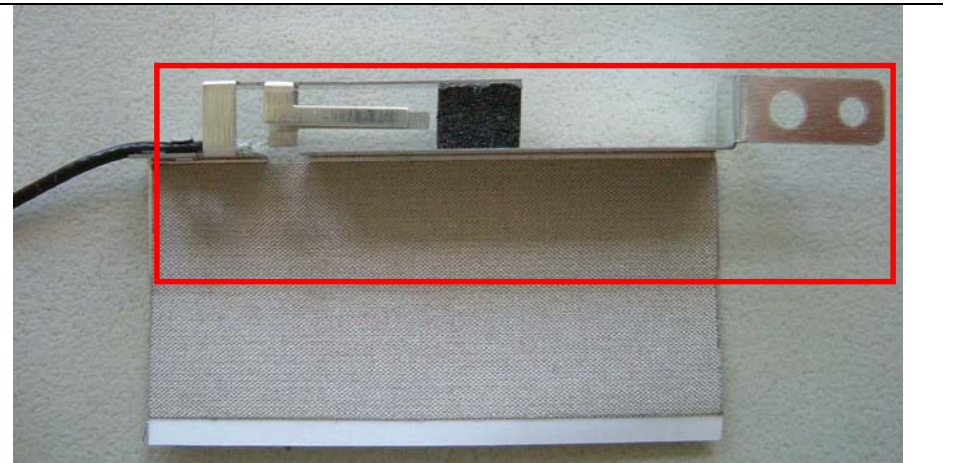
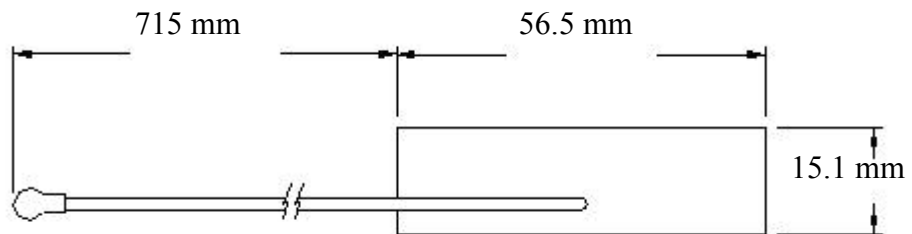


3. Antenna Dimension

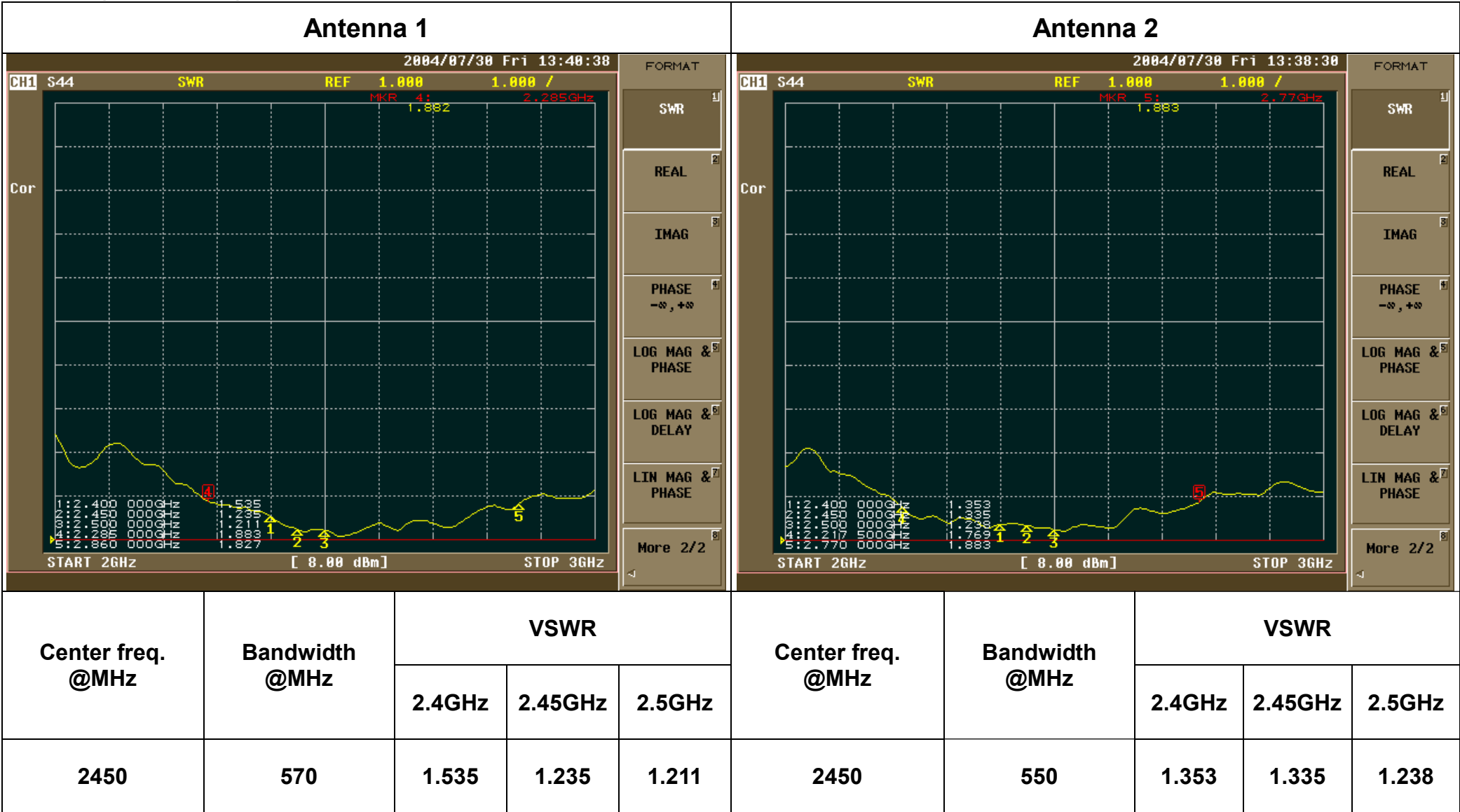
3.1 Antenna 1



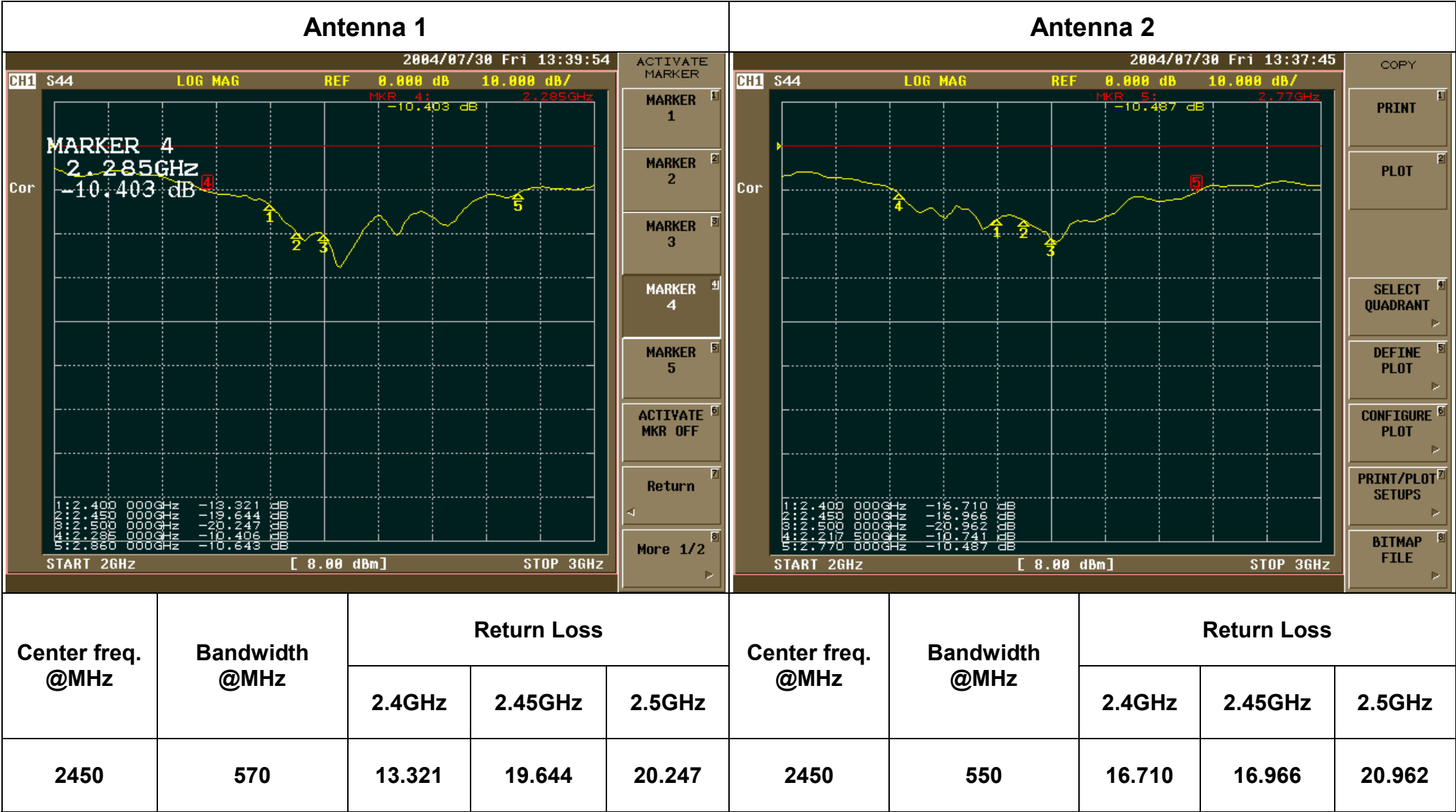
3.2 Antenna 2



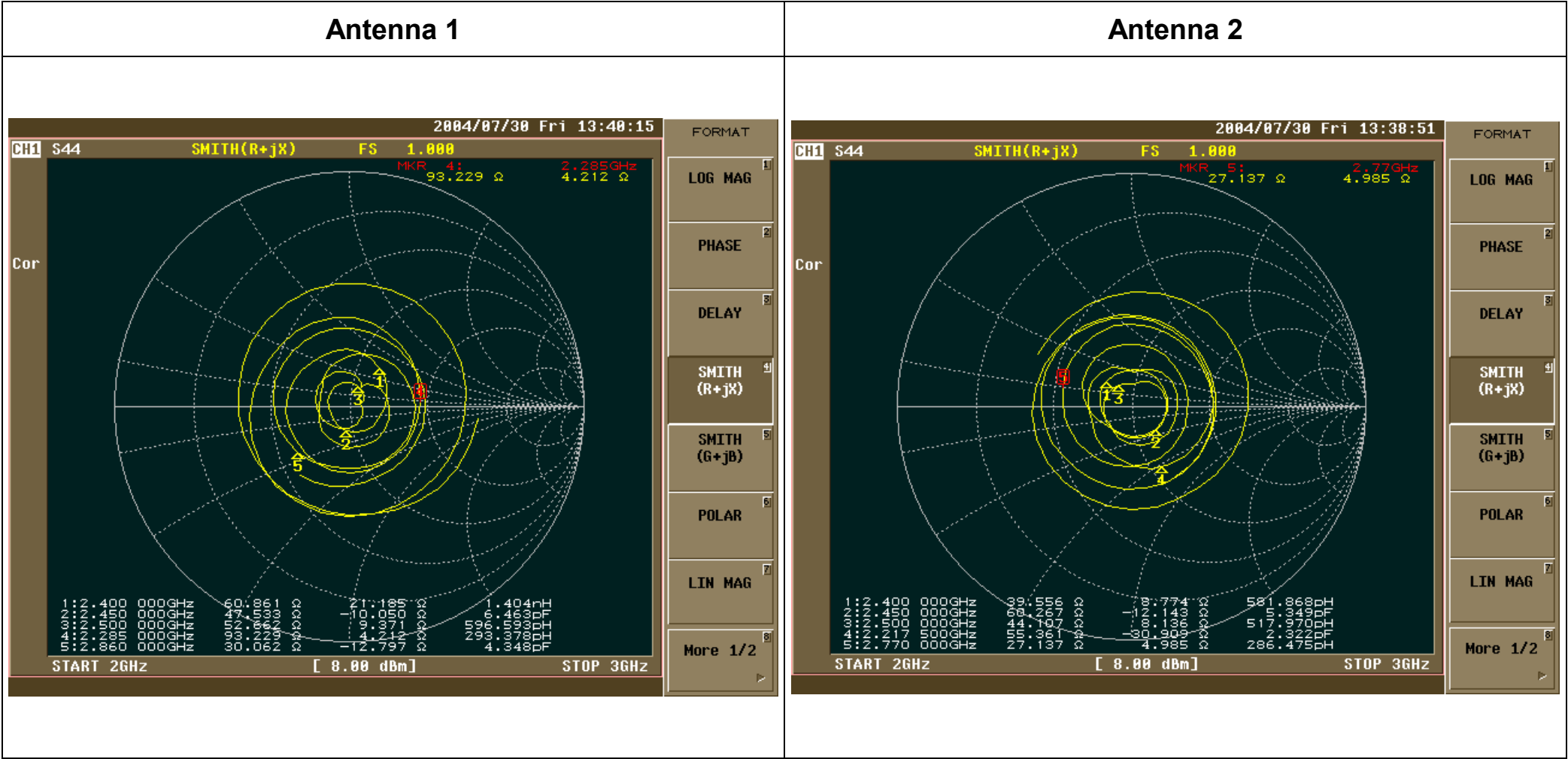
4. Voltage Standing Wave Ratio (VSWR)



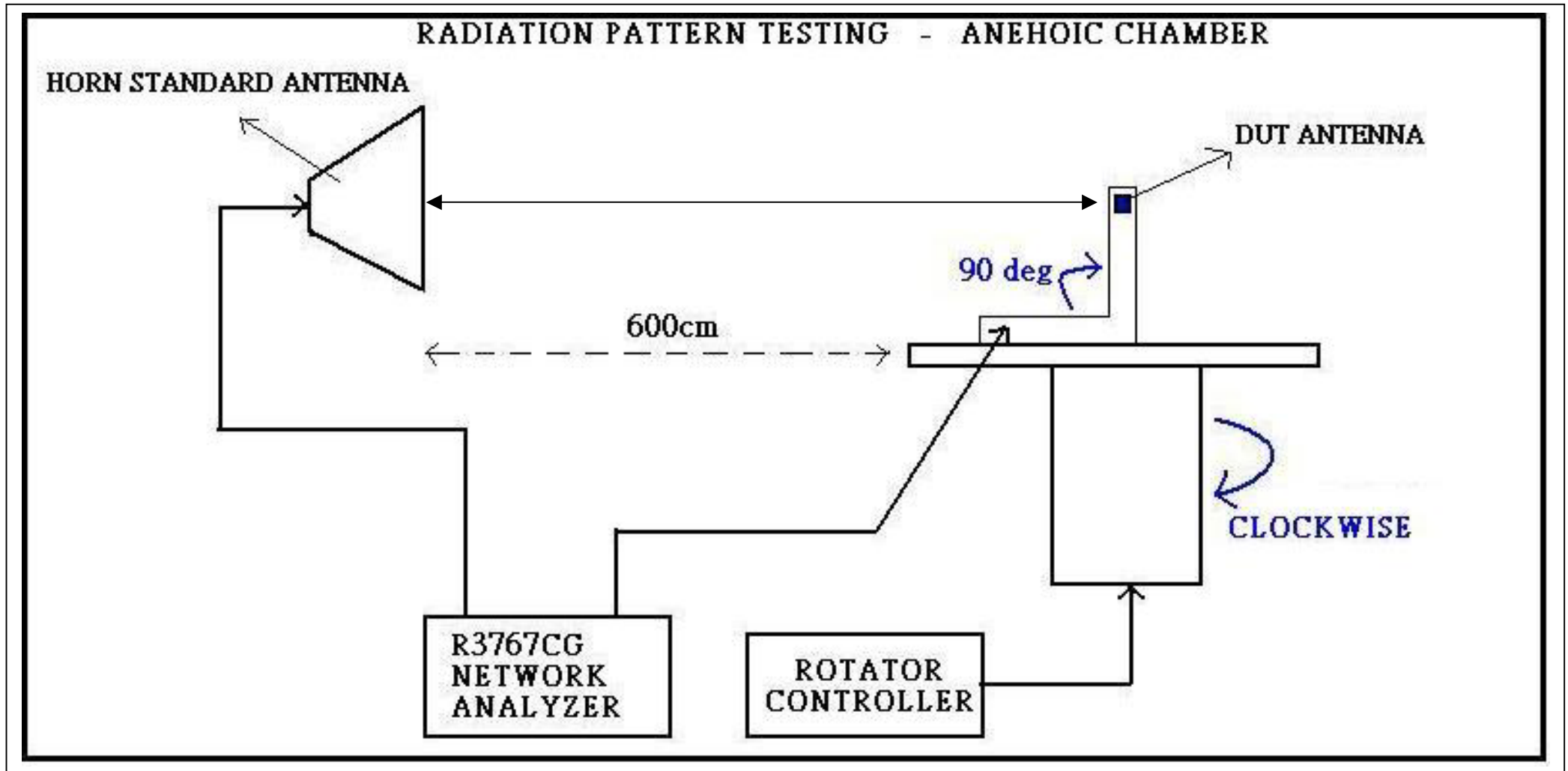
5. Return Loss



6. Smith Chart

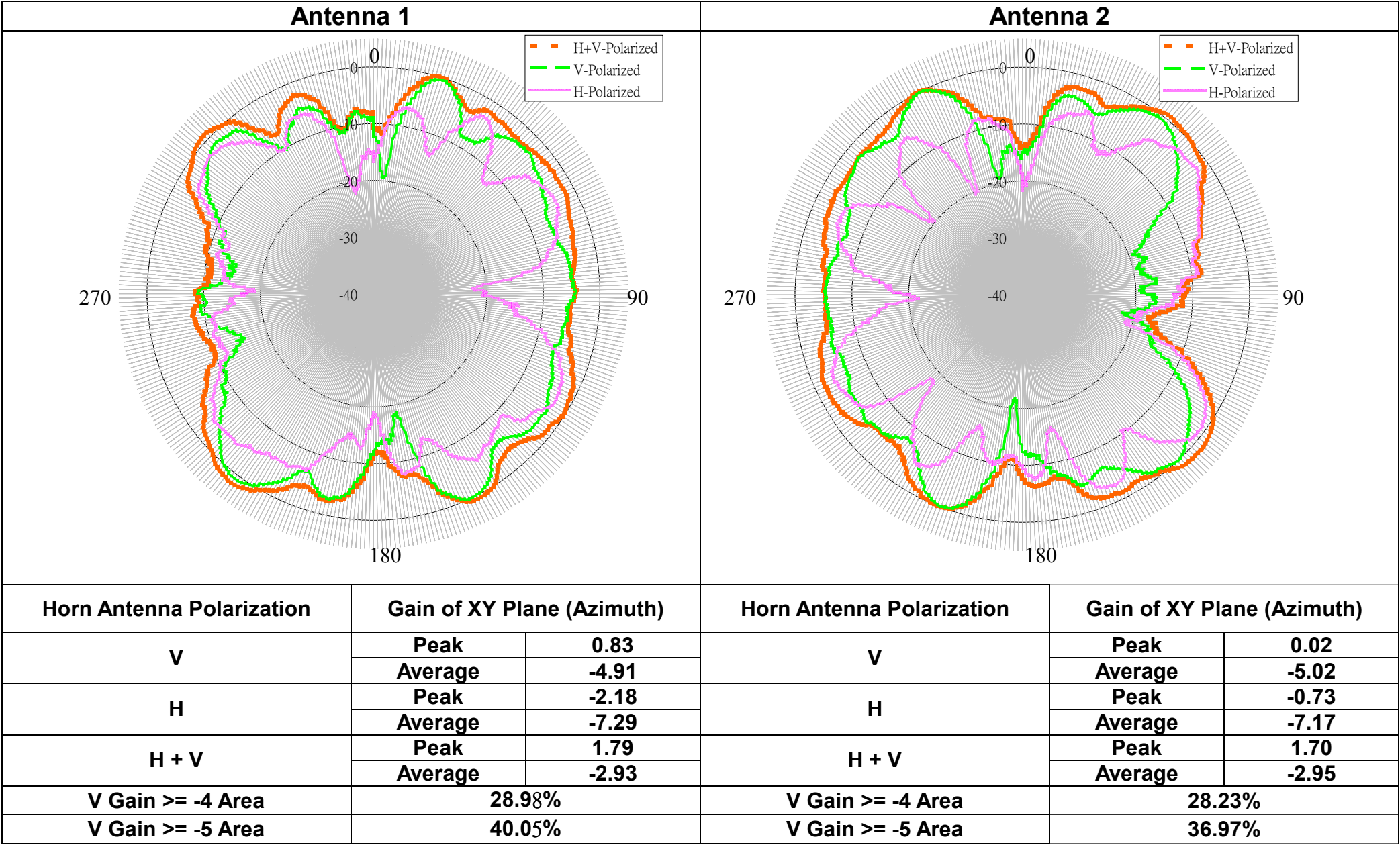


7. Antenna Radiation Pattern Testing Set Up

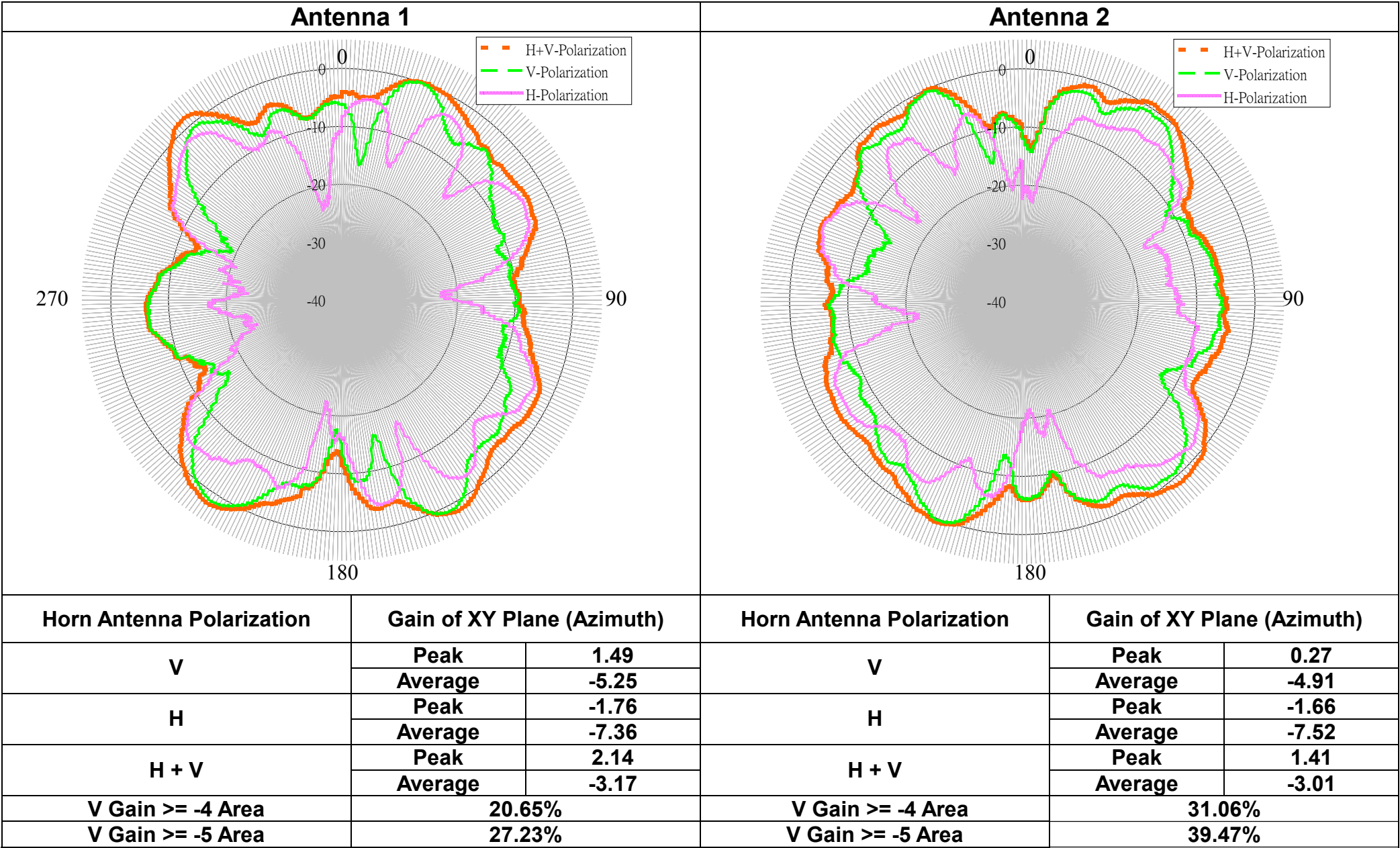


8. Radiation Pattern of XY Plane Testing Result

8.1 2.4 GHz



8.2 2.45 GHz



8.3 2.5 GHz

