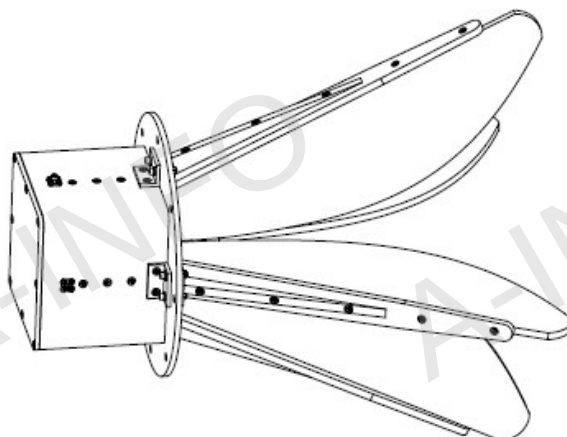
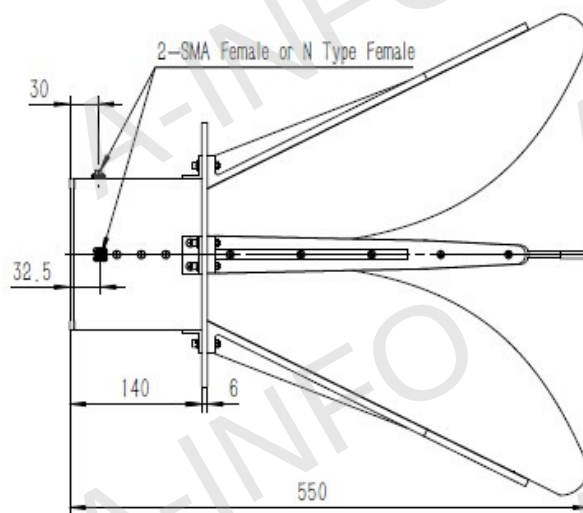
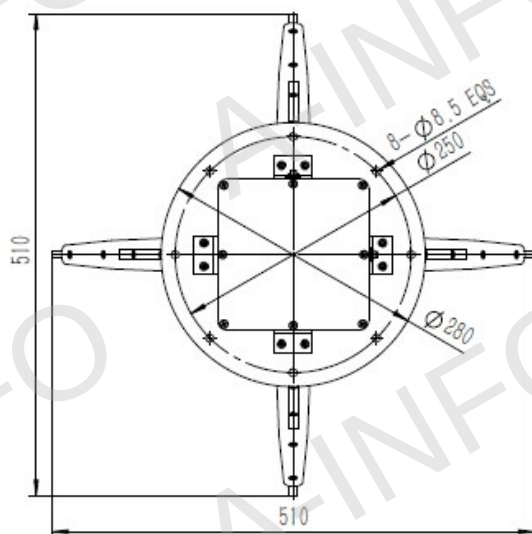


Technical Specification

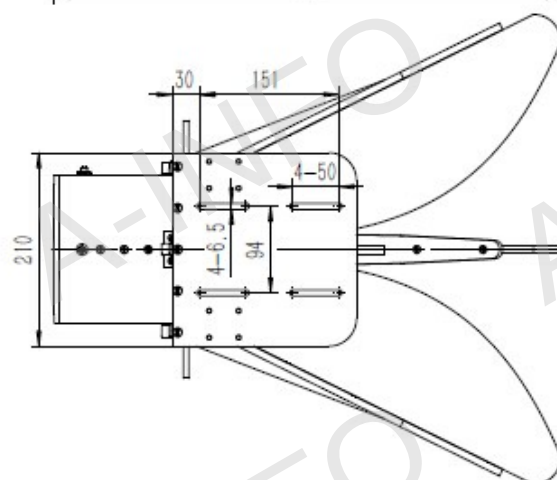
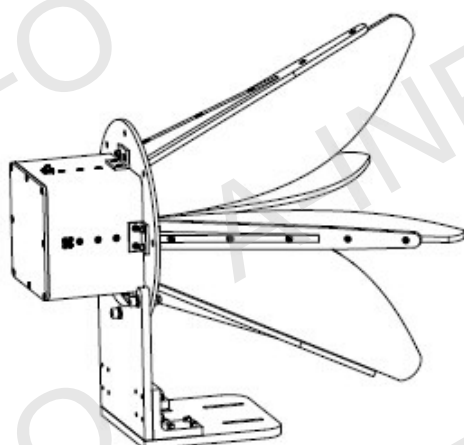
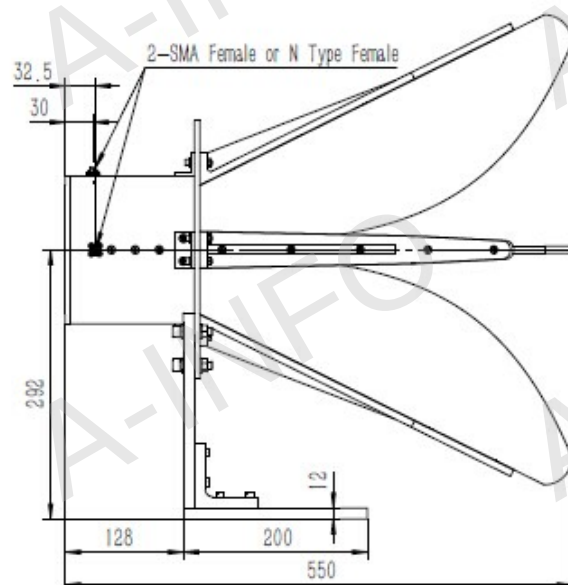
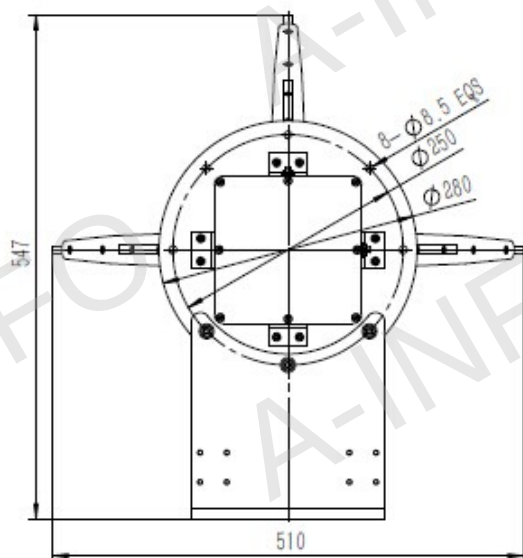


Frequency Range(GHz)	0.4-6.0	
Gain(dB)	4-14	
Polarization	Dual Pol	
VSWR	3.0:1 Max.	
	1.5:1 Typ.	
3dB Beamwidth(deg)	80-30	
Cross Pol. Isolation(dB)	20 Min.	
Port to Port Isolation(dB)	20 Min.	
Connector	SMA-F / N-F	
Power Handling(W)	SMA-F	50 Max. CW
	N-F	50 Max. CW
Size(mm)	510 x 510 x 550	
Net Weight(Kg)	9.5 Around	

Outline Drawing (Size: mm)

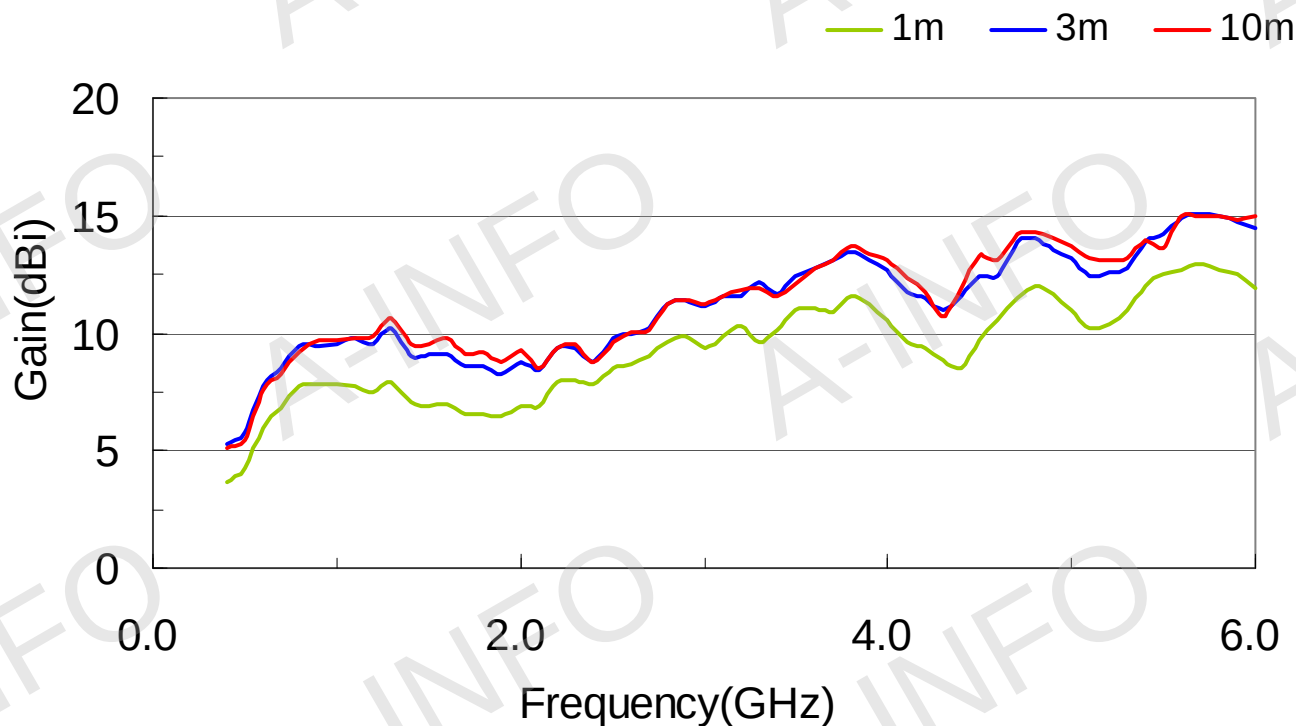


Outline Drawing with Mounting Bracket (Material: non-metal) (Size: mm)

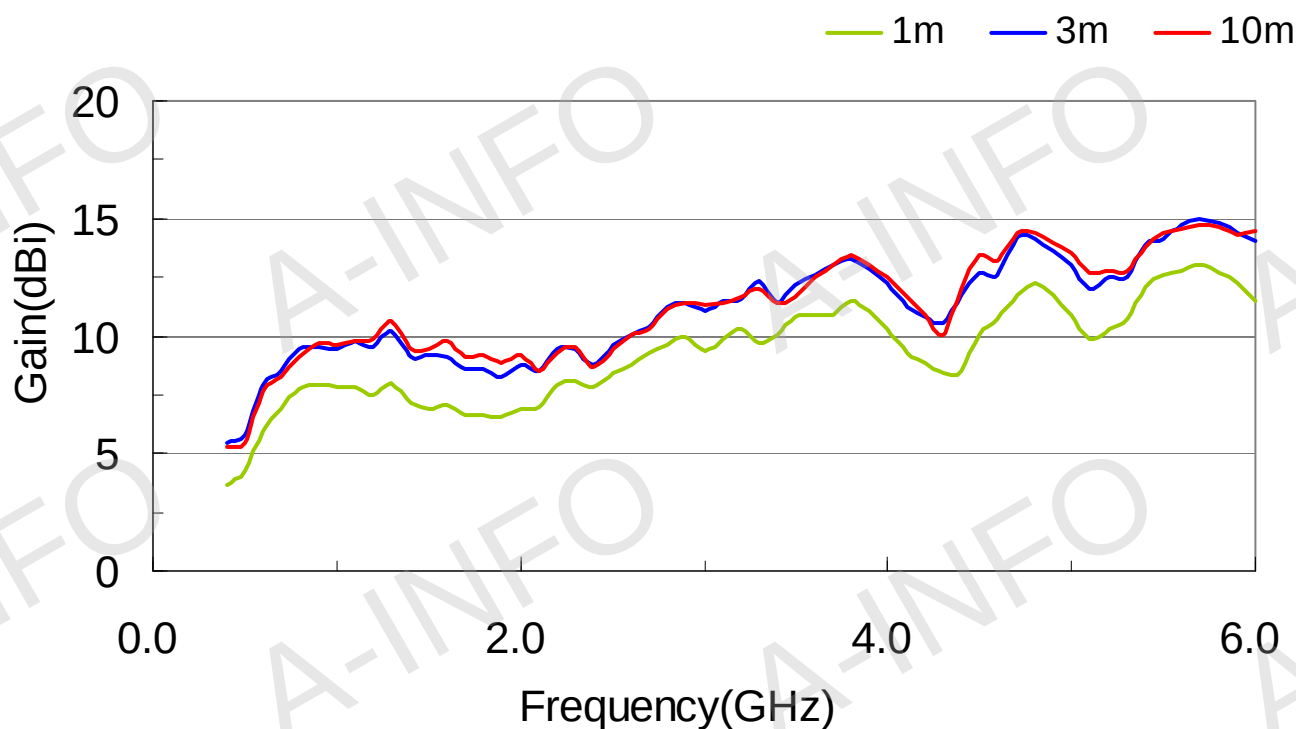


Test Results

1. Gain Port-H

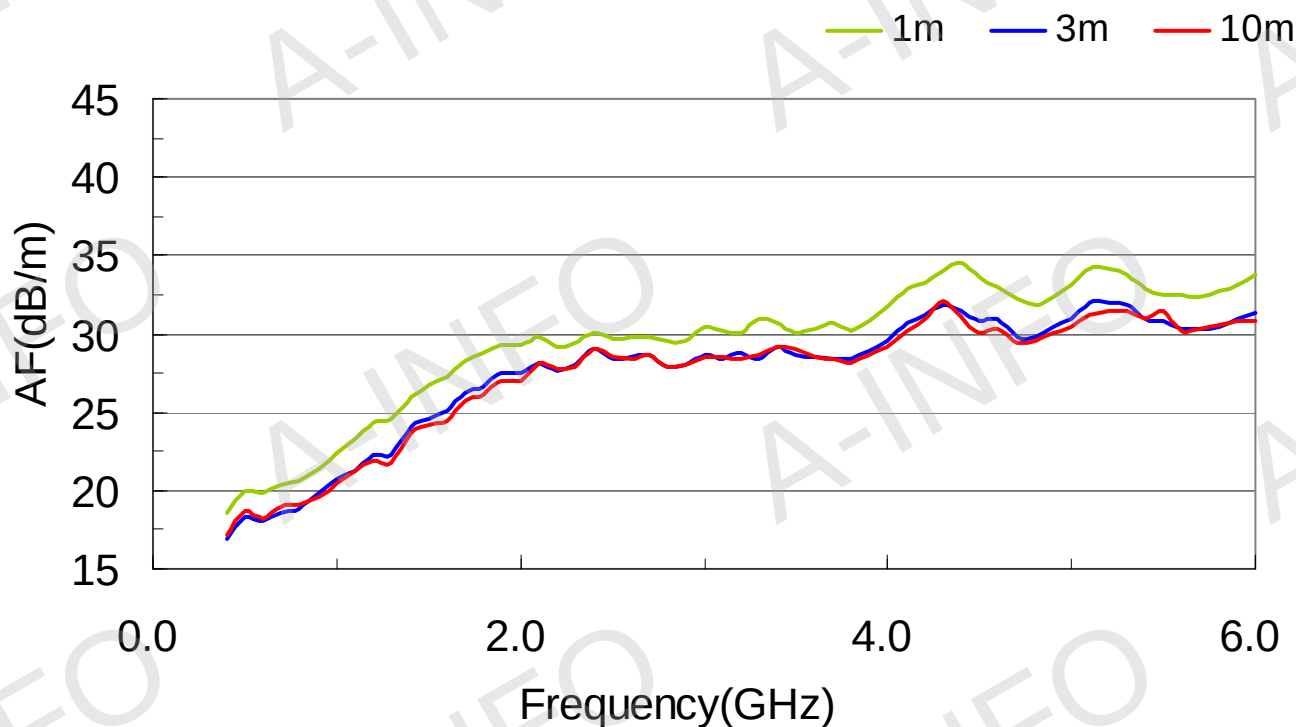


Port-V

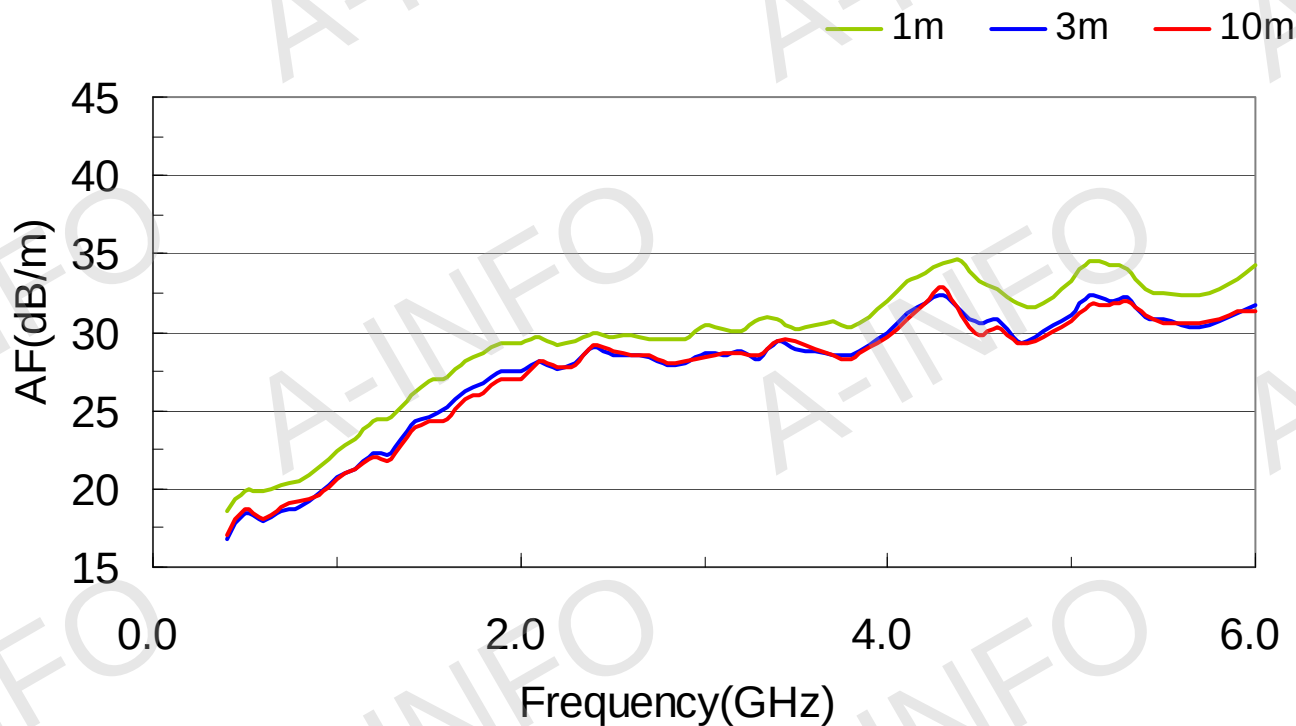


2. Antenna Factor

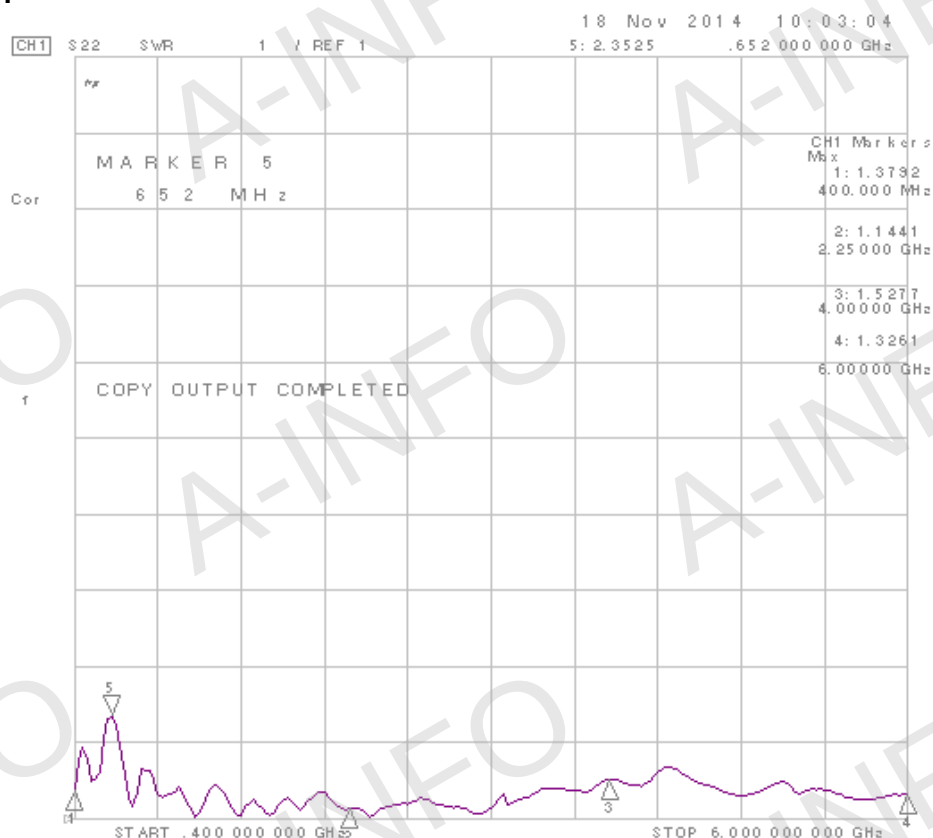
Port-H



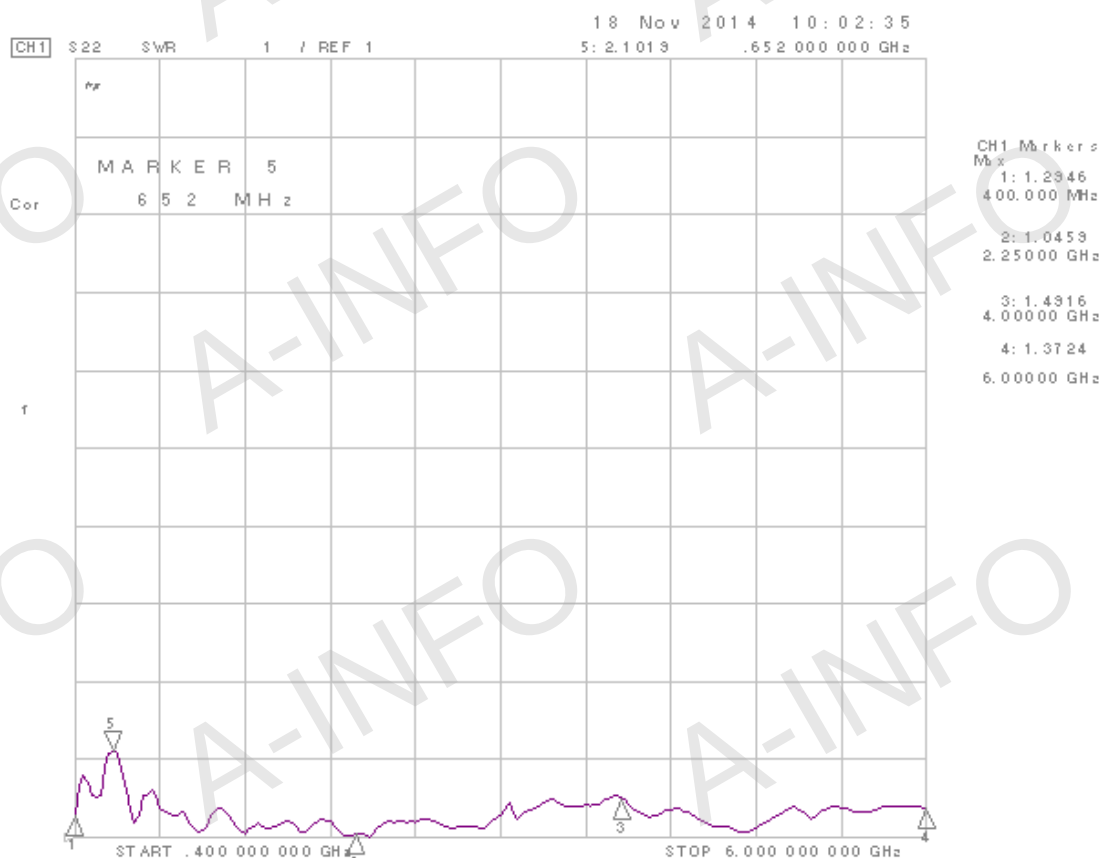
Port-V



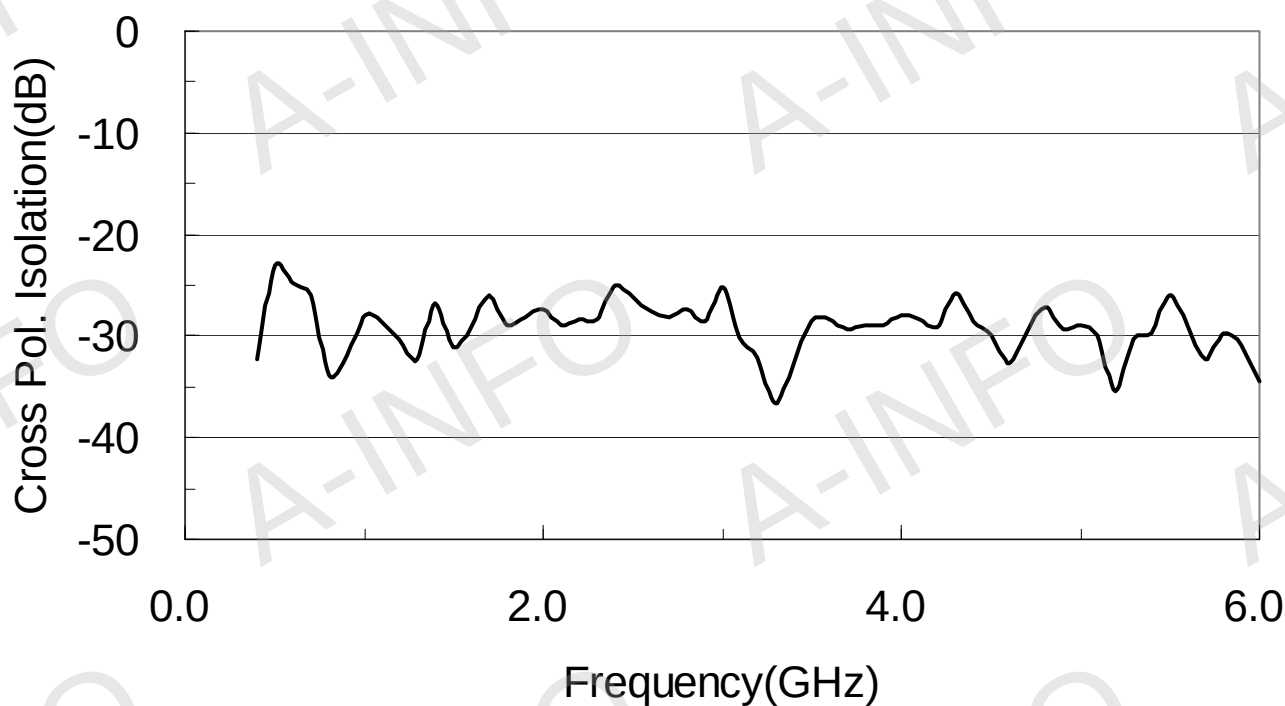
3. VSWR Port-H



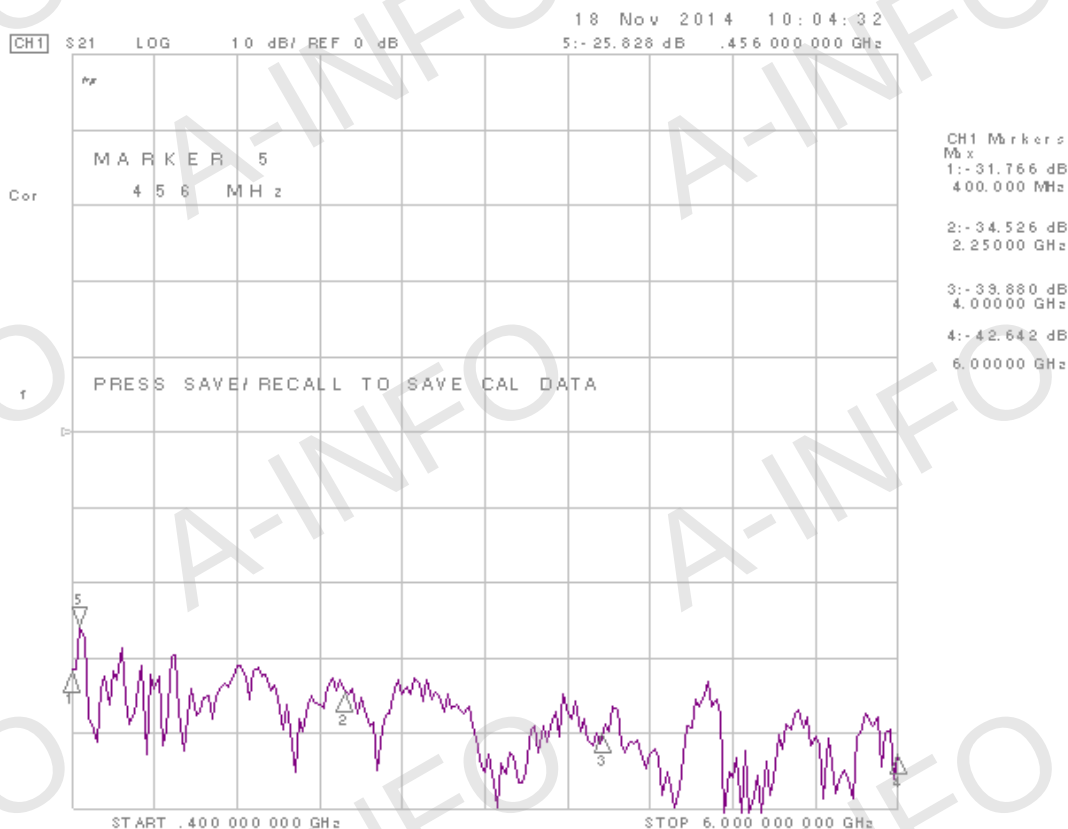
Port-V



4. Cross Polarization Isolation



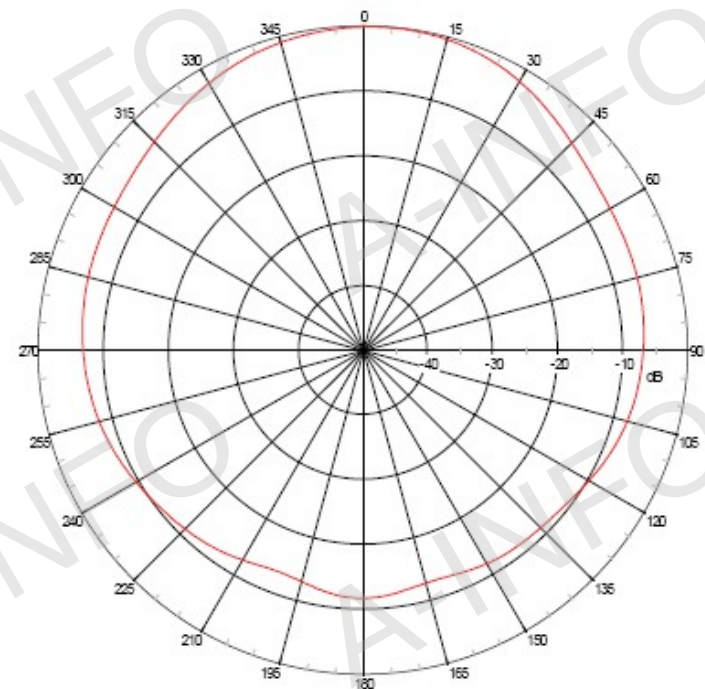
5. Isolation



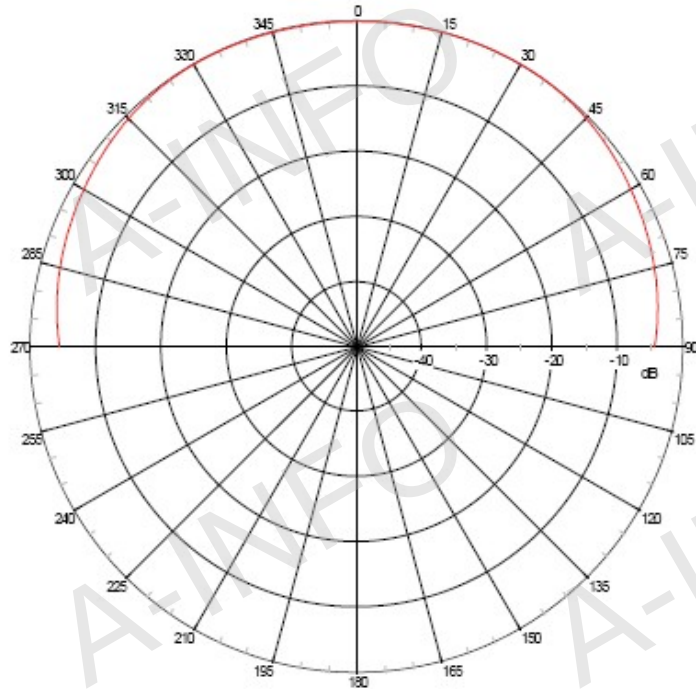
6. Pattern (Tested by NSI - www.nearfield.com)

Frequency: 0.4GHz

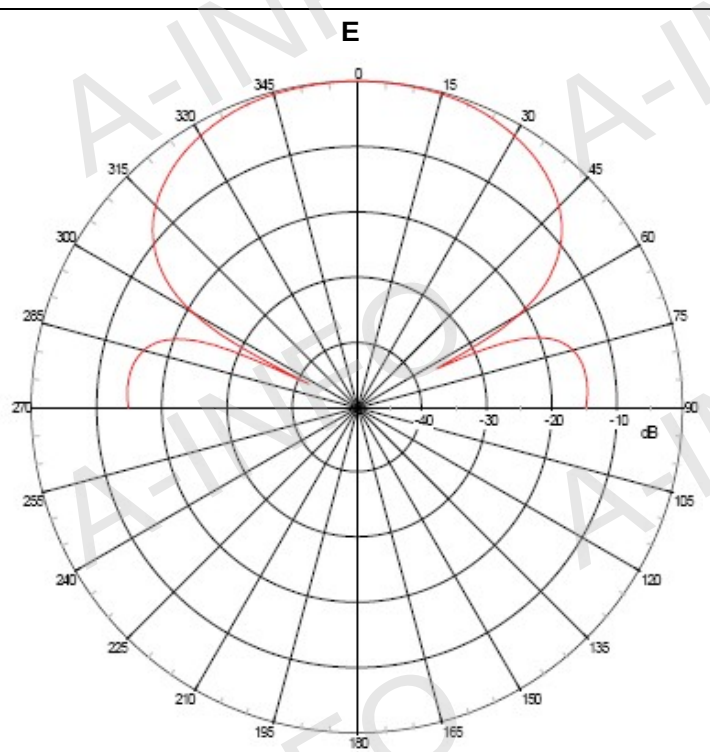
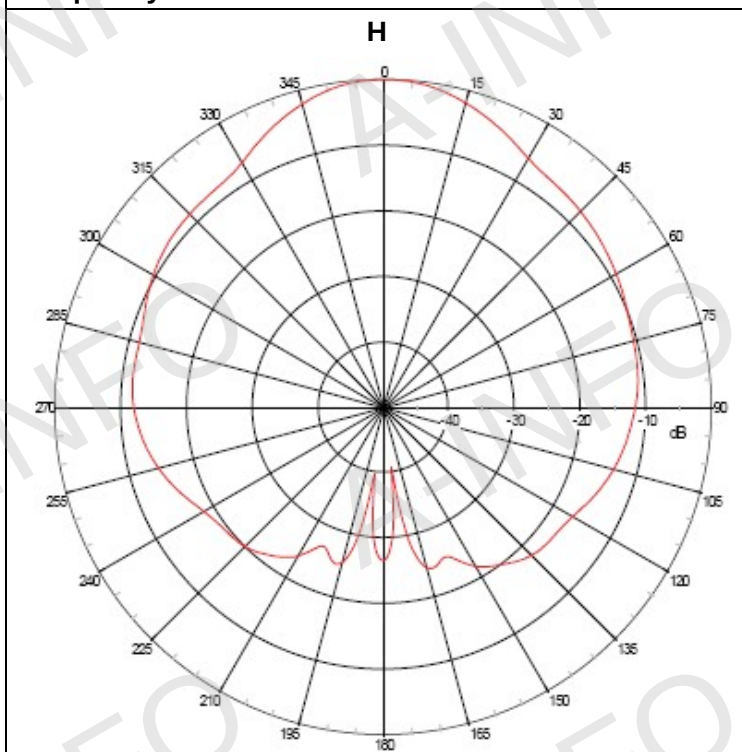
H



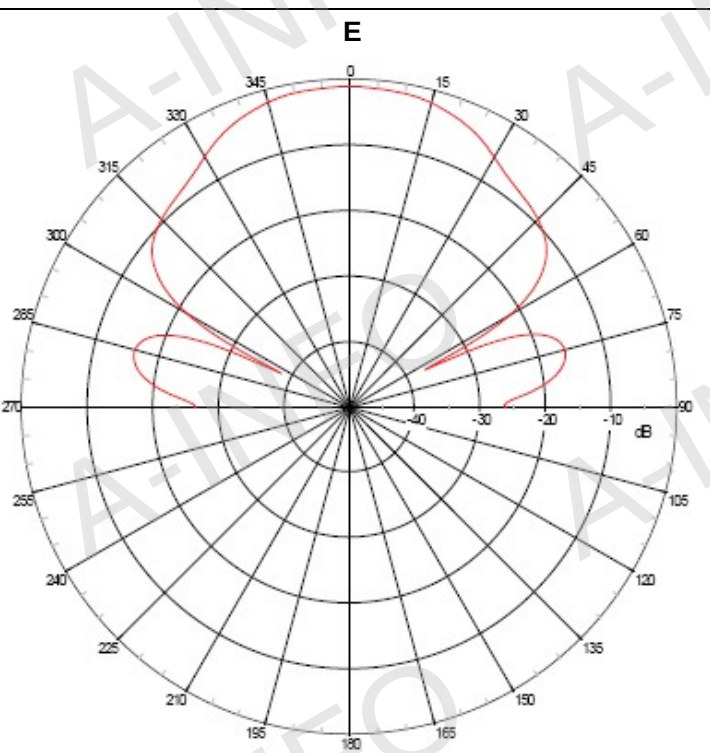
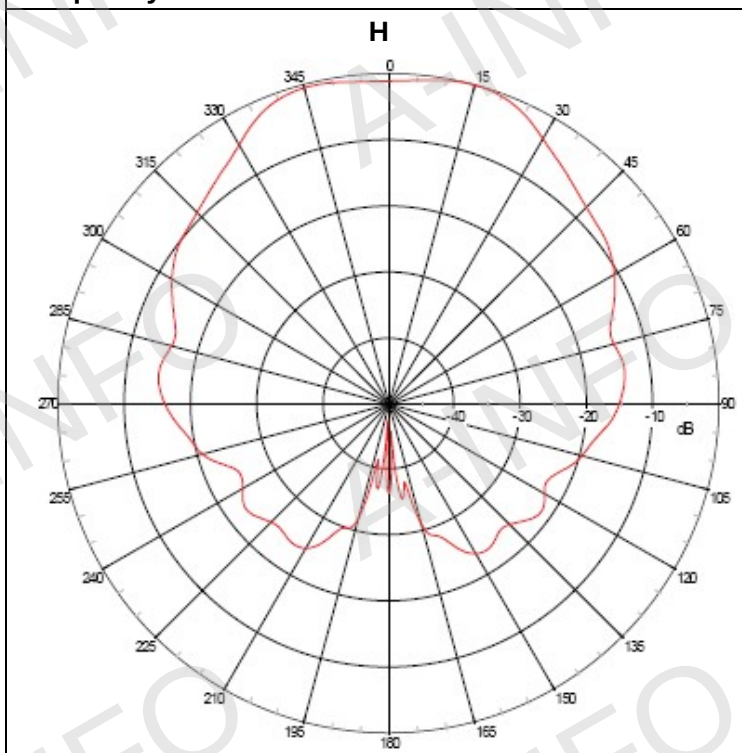
E



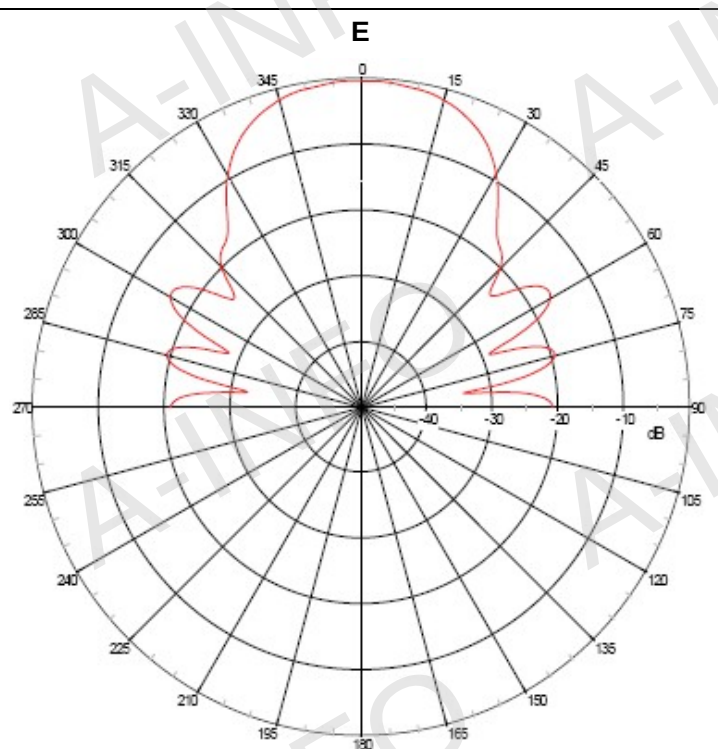
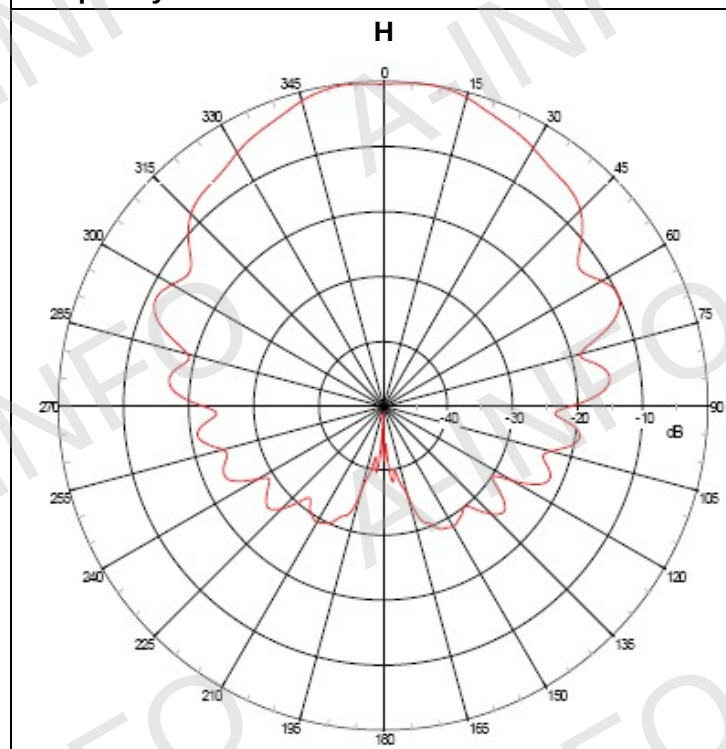
Frequency: 1GHz



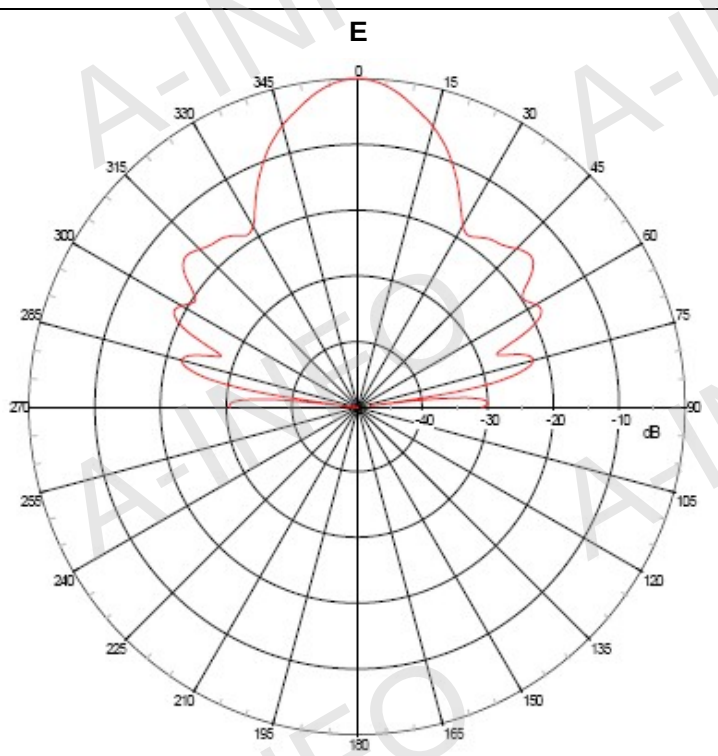
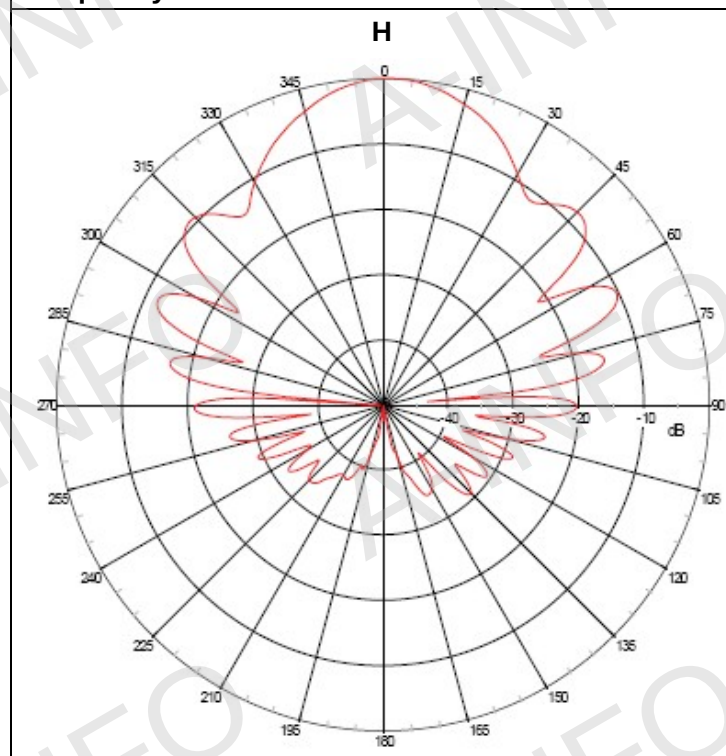
Frequency: 2.0GHz



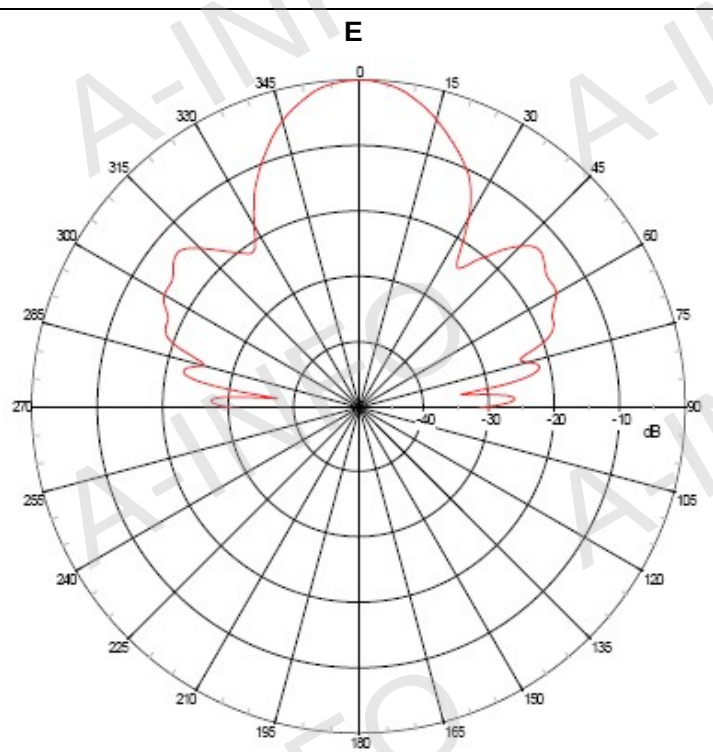
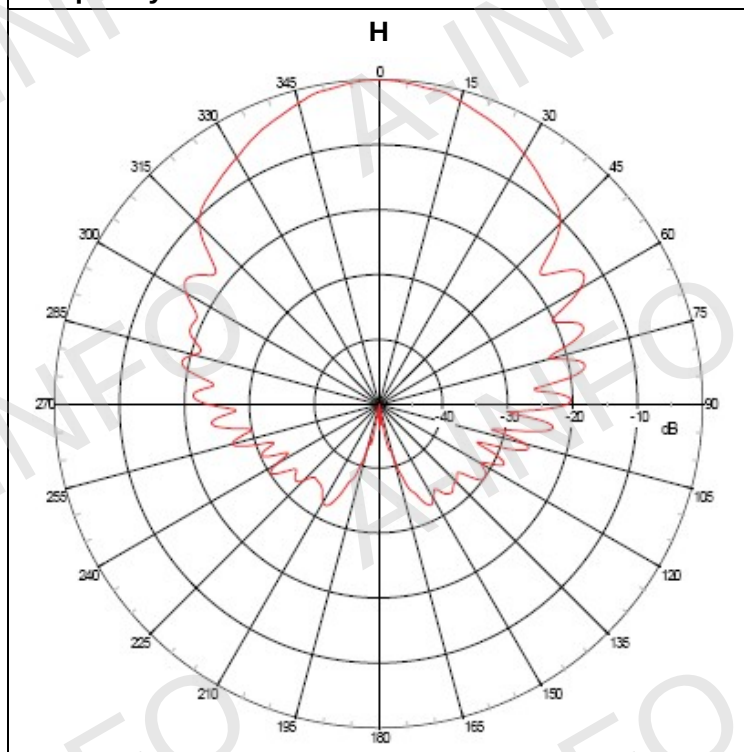
Frequency: 3.0GHz



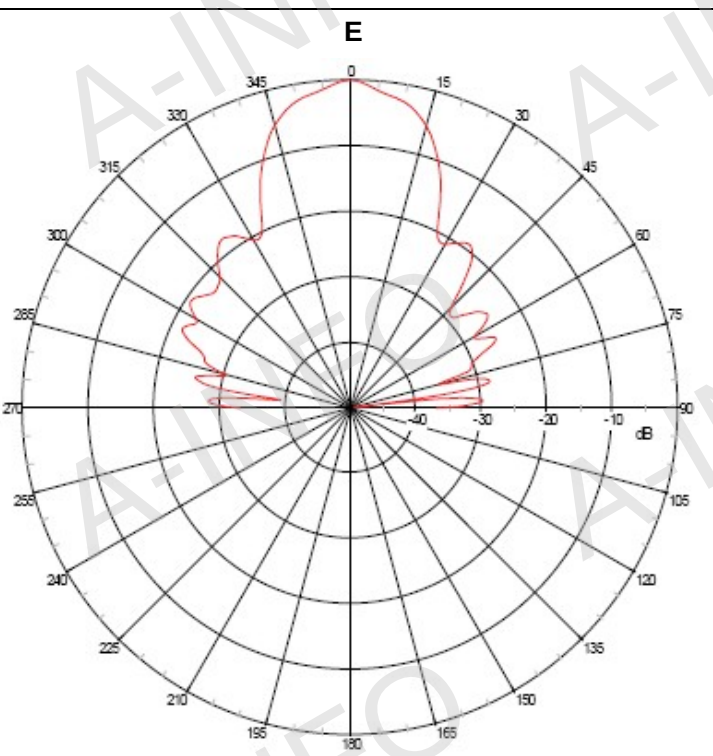
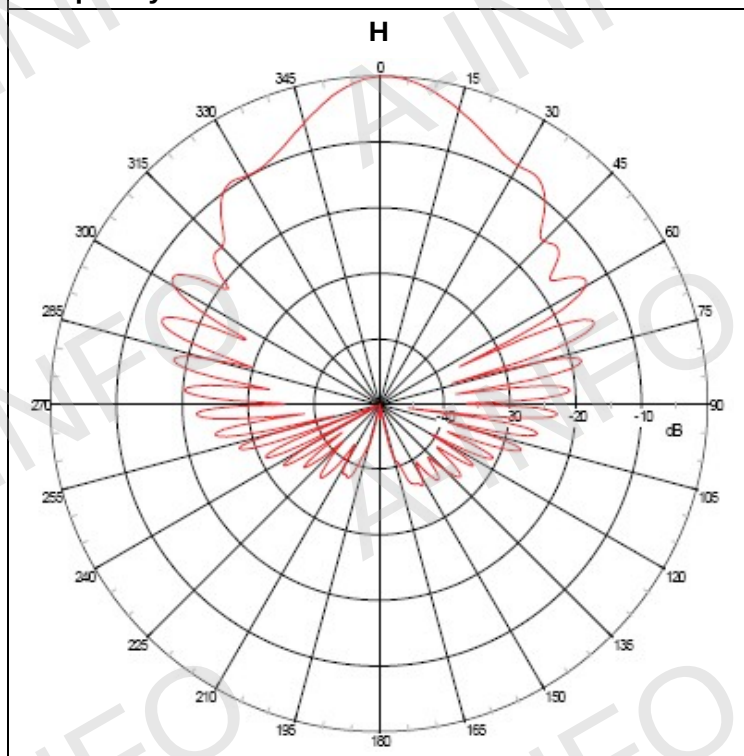
Frequency: 4.0GHz



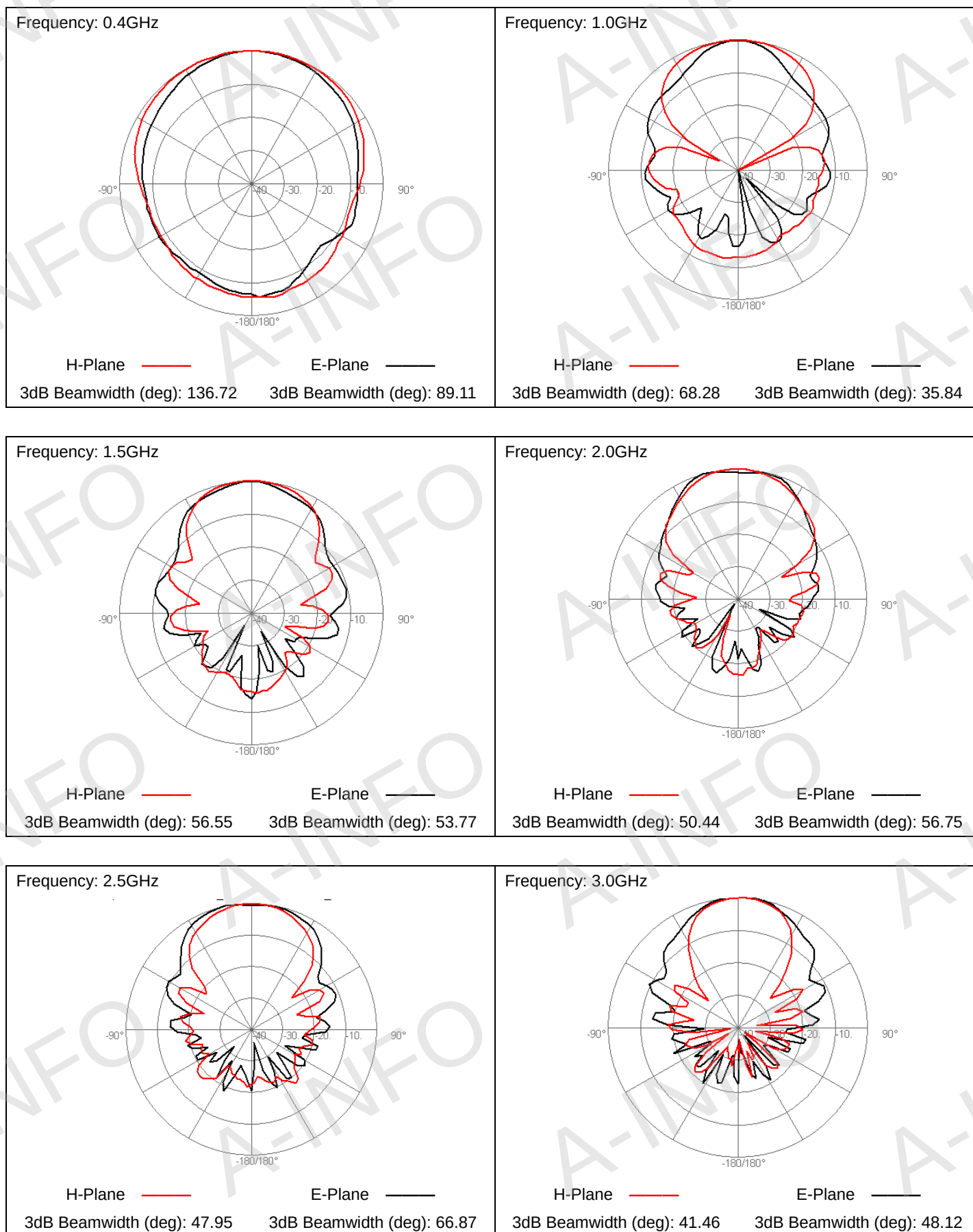
Frequency: 5.0GHz



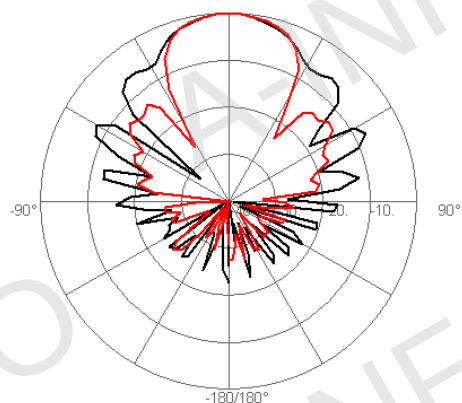
Frequency: 6.0GHz



7. Pattern (Tested by A-INFO)



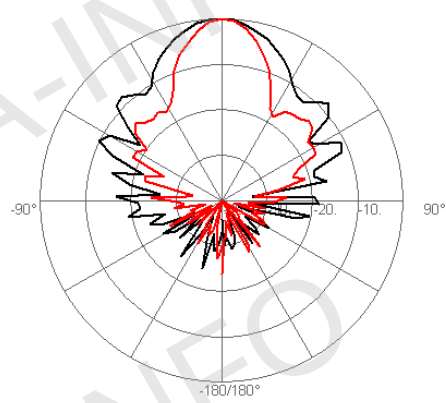
Frequency: 3.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 39.11 3dB Beamwidth (deg): 40.00

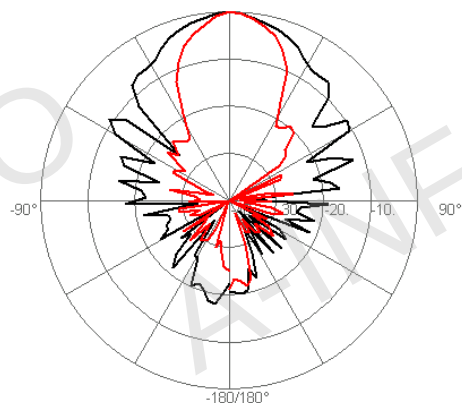
Frequency: 4.0GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 19.39 3dB Beamwidth (deg): 31.78

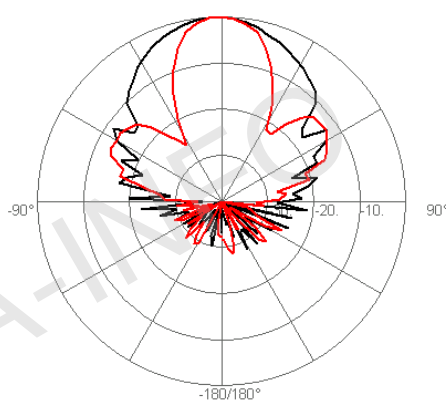
Frequency: 4.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 22.30 3dB Beamwidth (deg): 36.55

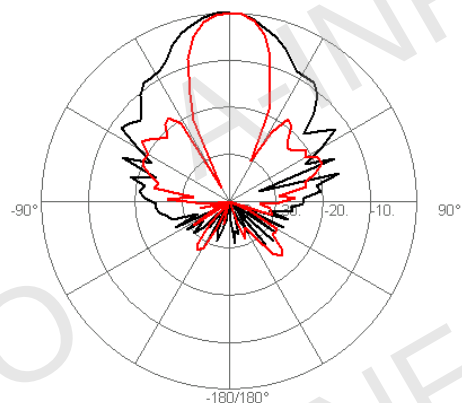
Frequency: 5.0GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 24.93 3dB Beamwidth (deg): 40.77

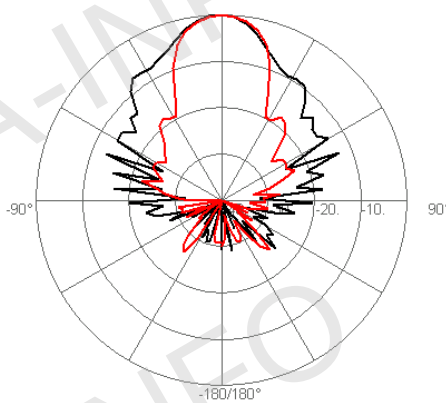
Frequency: 5.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 20.70 3dB Beamwidth (deg): 29.66

Frequency: 6.0GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 24.98 3dB Beamwidth (deg): 24.62