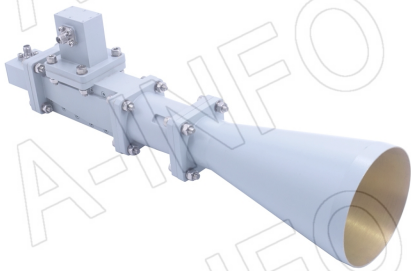


For reference only. See data sheet for the detailed specifications.

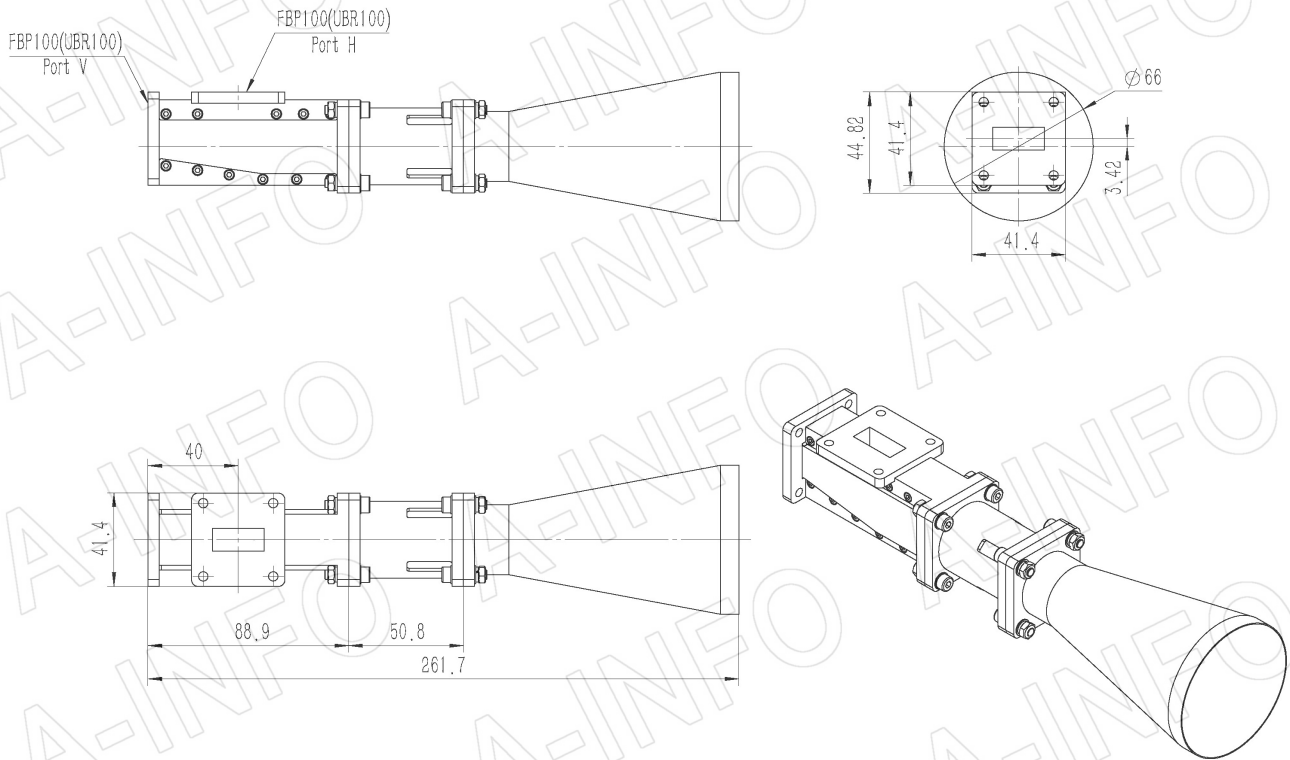
## Technical Specification



Frequency Range(GHz)	9.3 – 12.4	
Waveguide	WR90	
Gain(dBi)	15 Typ.	
Polarization	Dual Linear	
3dB Beamwidth(deg)	E Plane:	25 Typ.
	H Plane:	30 Typ.
Cross Pol. Isolation(dB)	40 Typ.	
Port to Port Isolation(dB)	55 Typ. ; 45 Min.	
VSWR	A Type:	1.8:1 Max.
	C Type:	2.0:1 Max.
Output	A Type:	FBP100(UBR100)
	C Type:	SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al	
Finish	Silver Plated and Chemical Conversion Coating, Gray Paint	
Size(mm)	A Type:	66 x 66 x 261.7
	C Type:	66 x 95.1 x 299.7
Net Weight(Kg)	A Type:	0.43 Around
	C Type:	0.56 Around

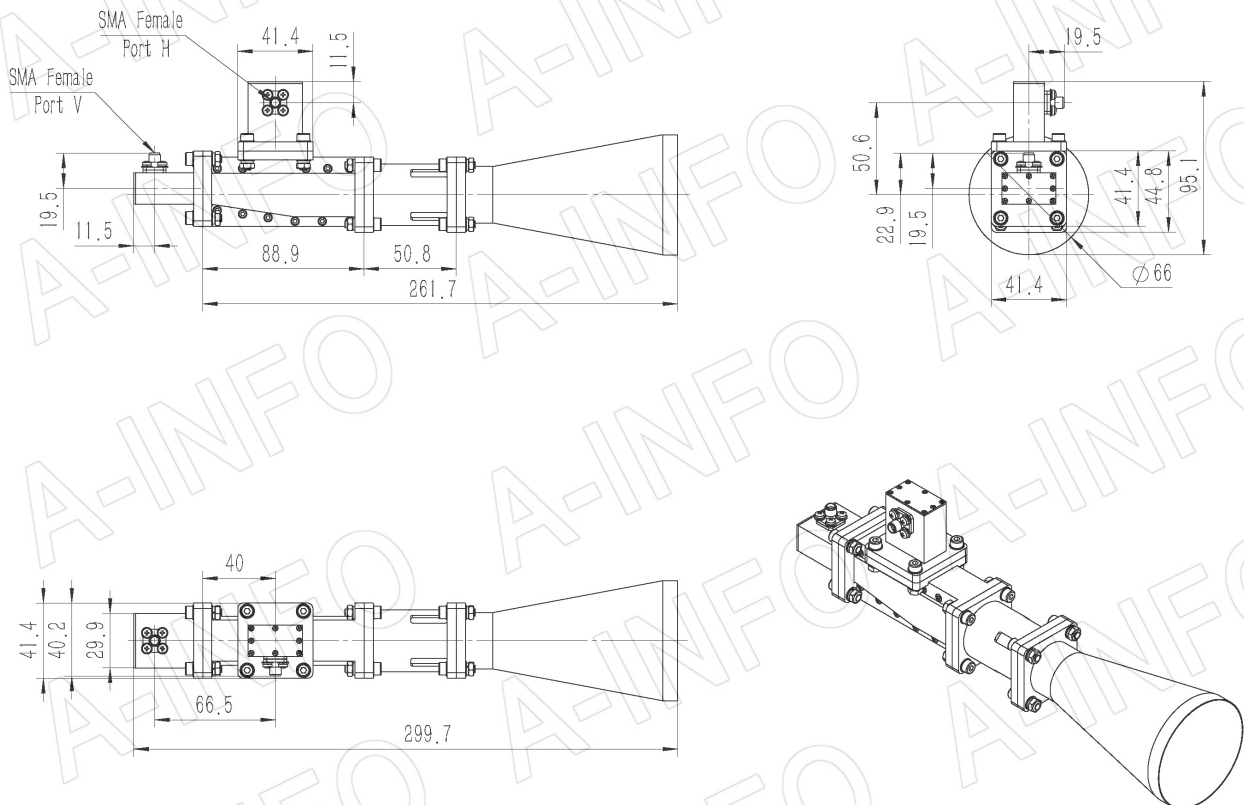
## Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CNH-90-15-T26-A)



## SMA-Female Output (P/N: LB-CNH-90-15-T26-C-SF)

For N-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



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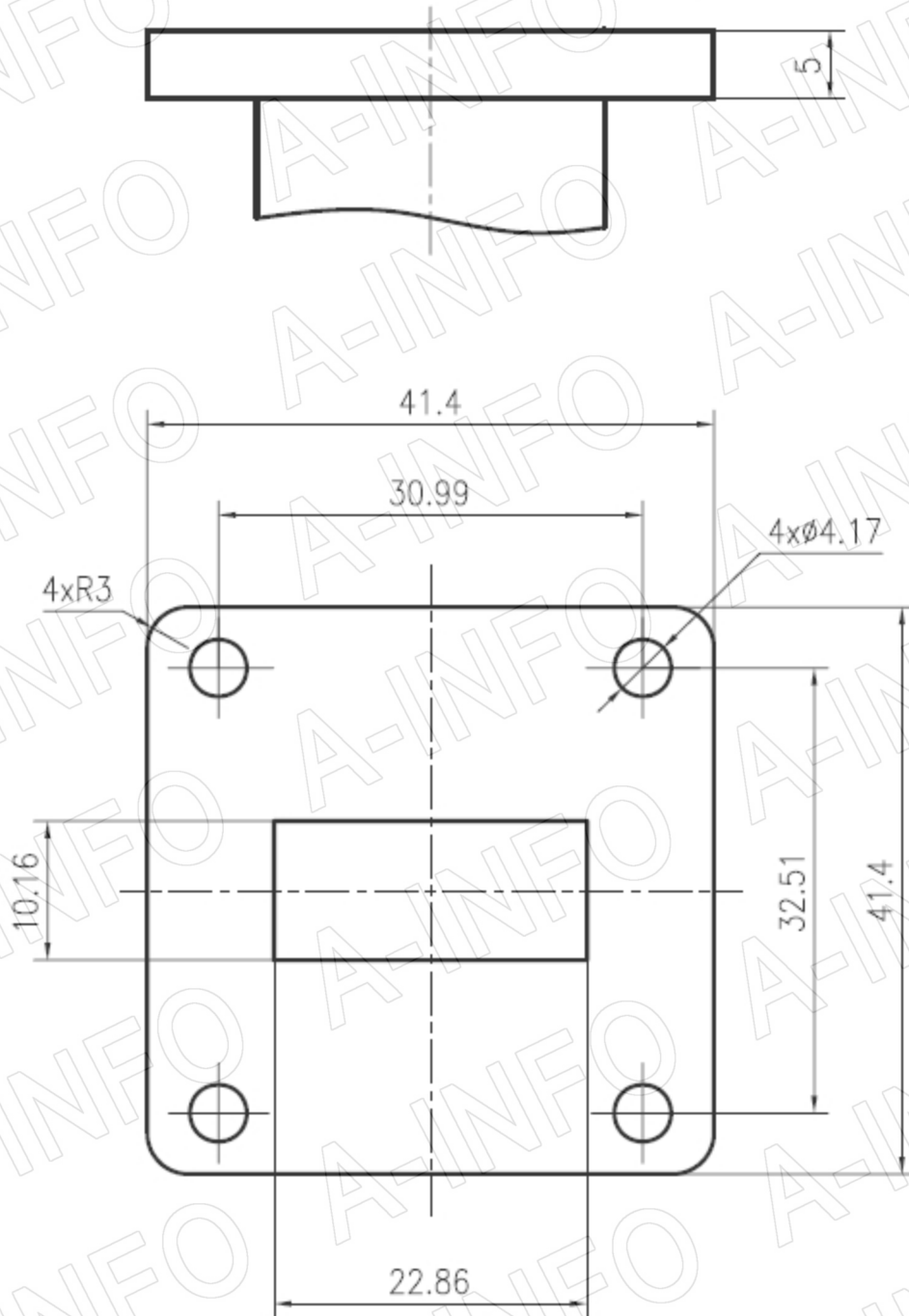
China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
USA: Tel: (+1) 949-639-9688,

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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Flange Drawing (Size: mm)



**FBP100**

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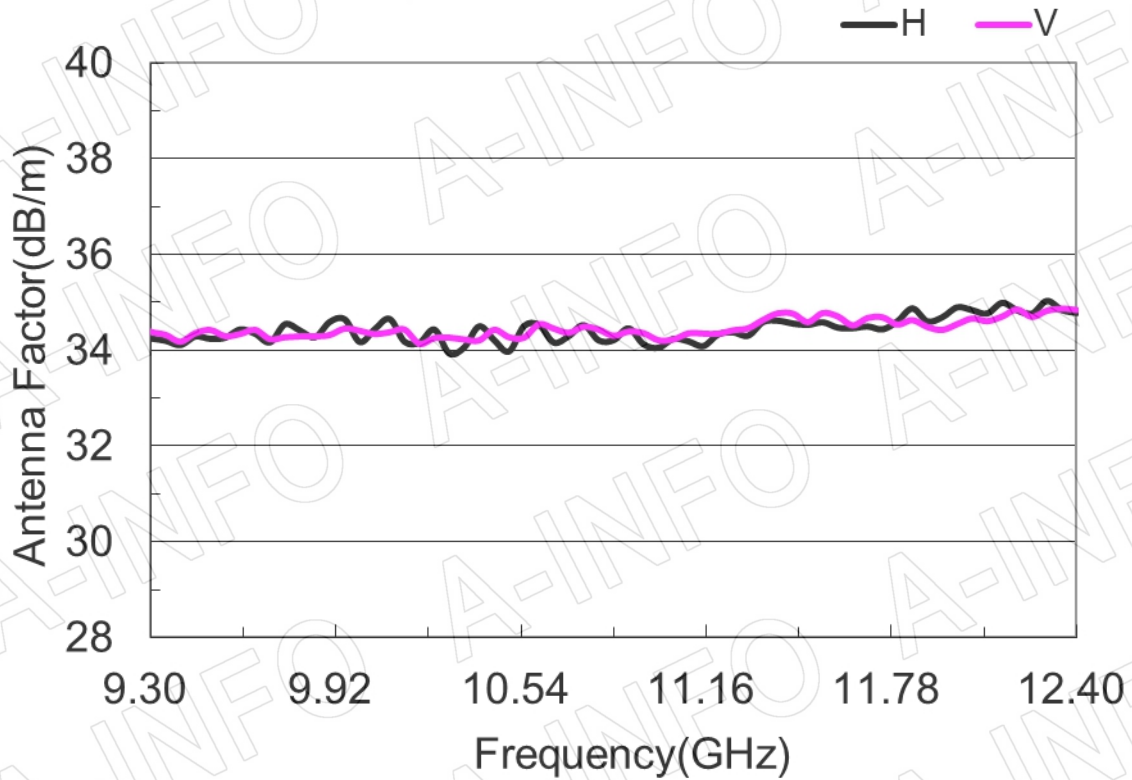
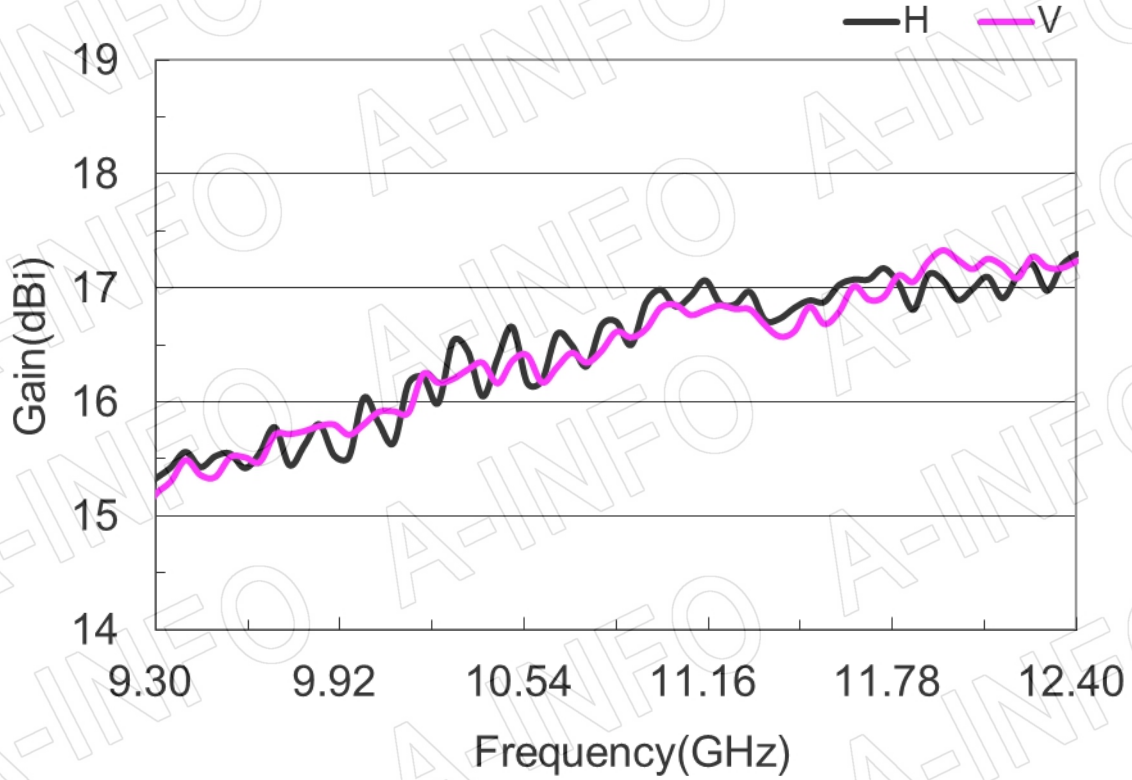
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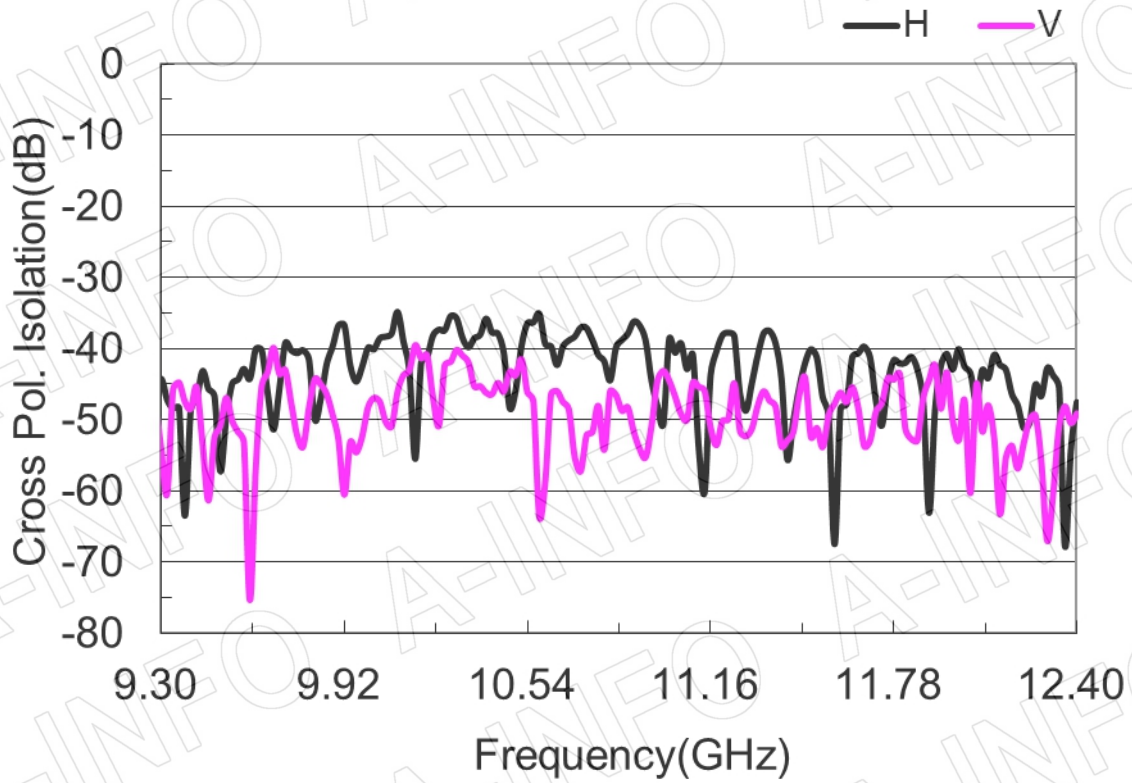
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

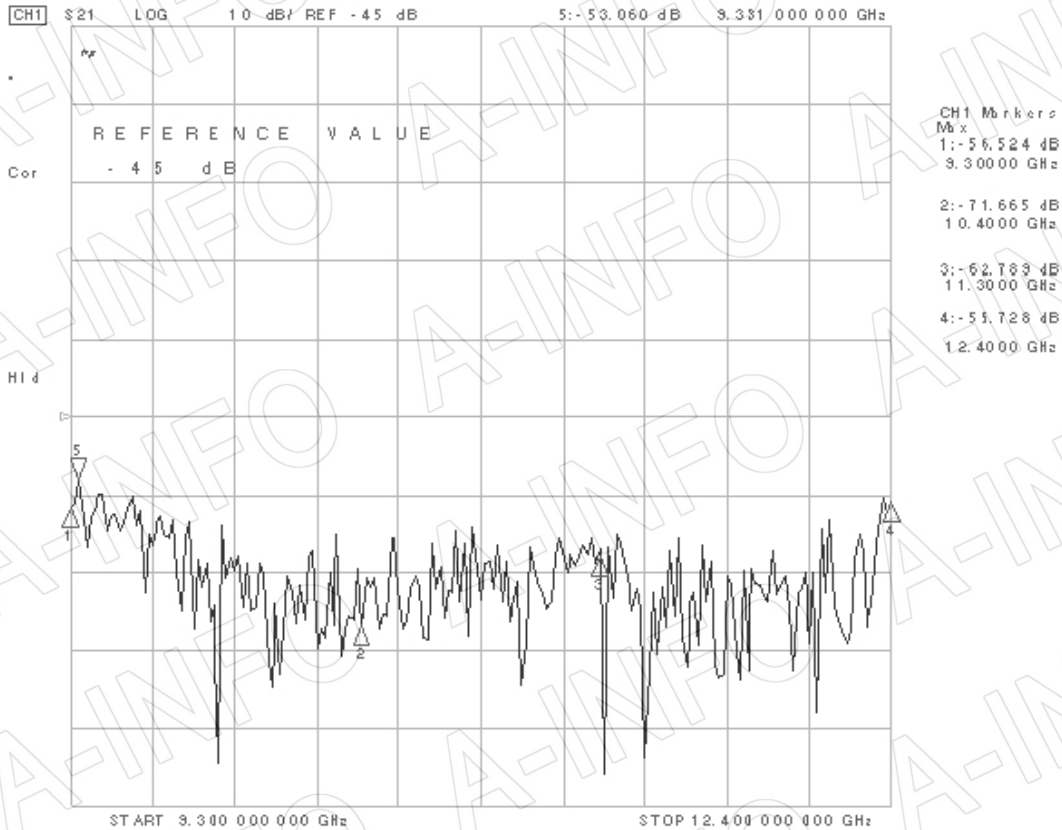
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation

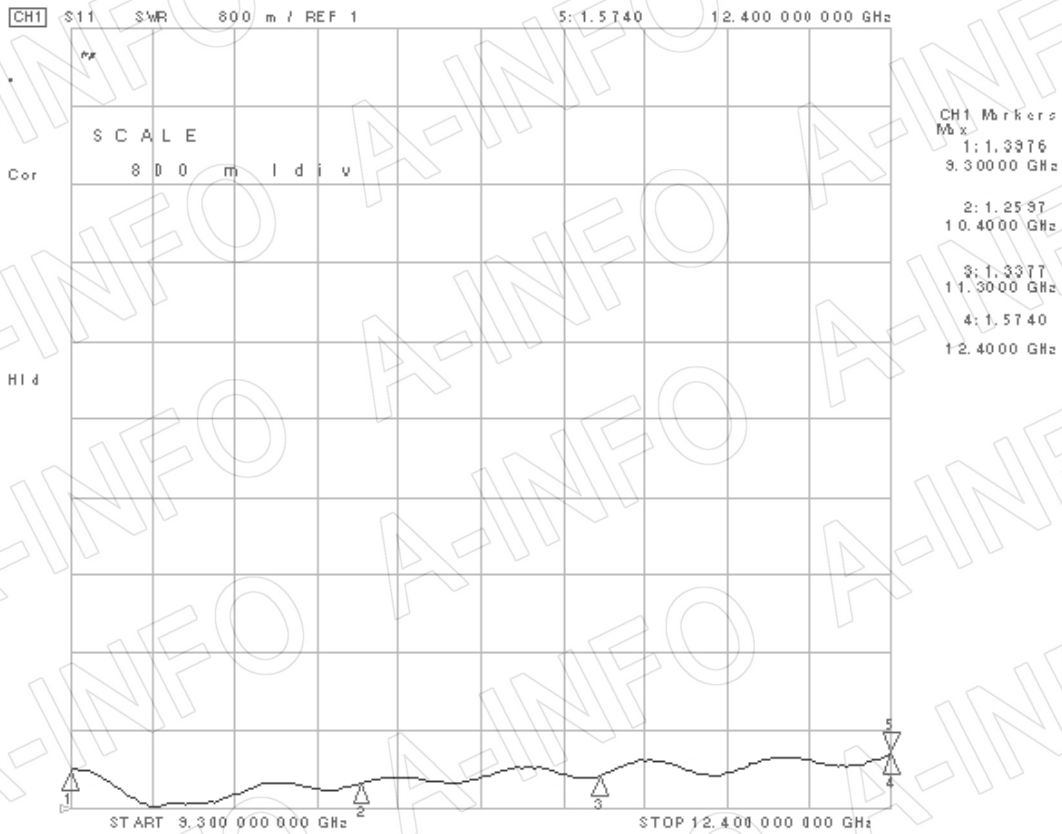


## 3. Port to Port Isolation

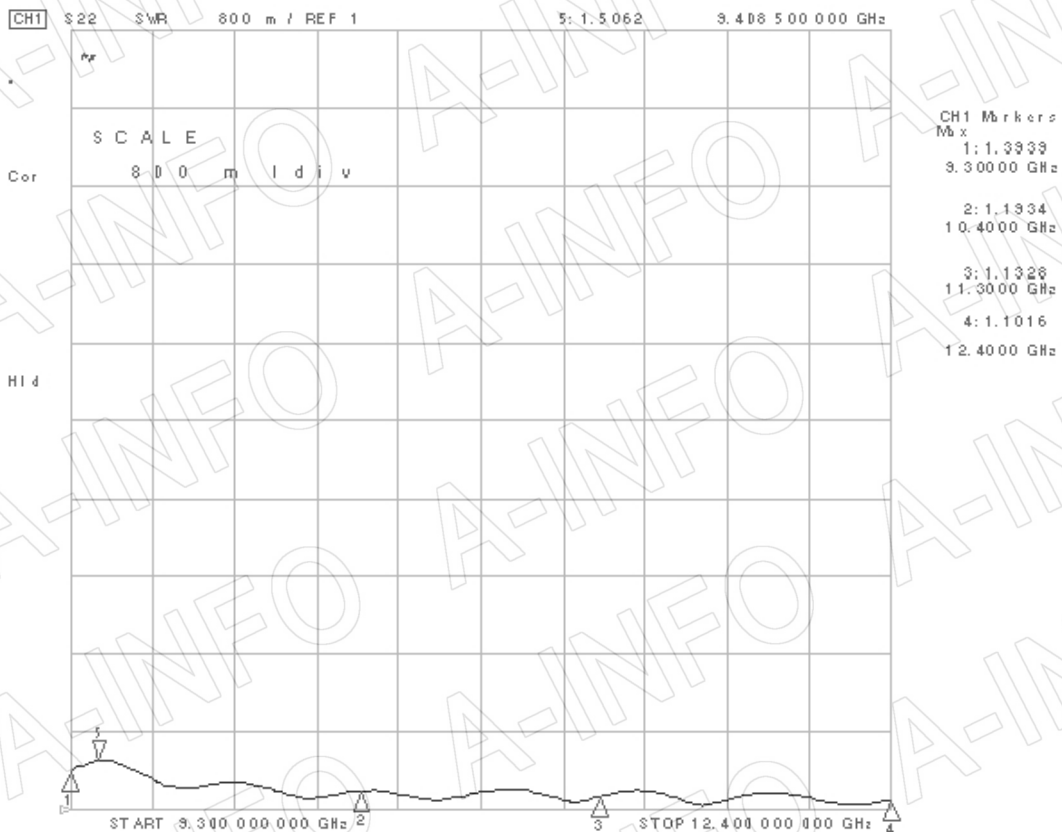


## 4. VSWR\_A Type

### Port-H

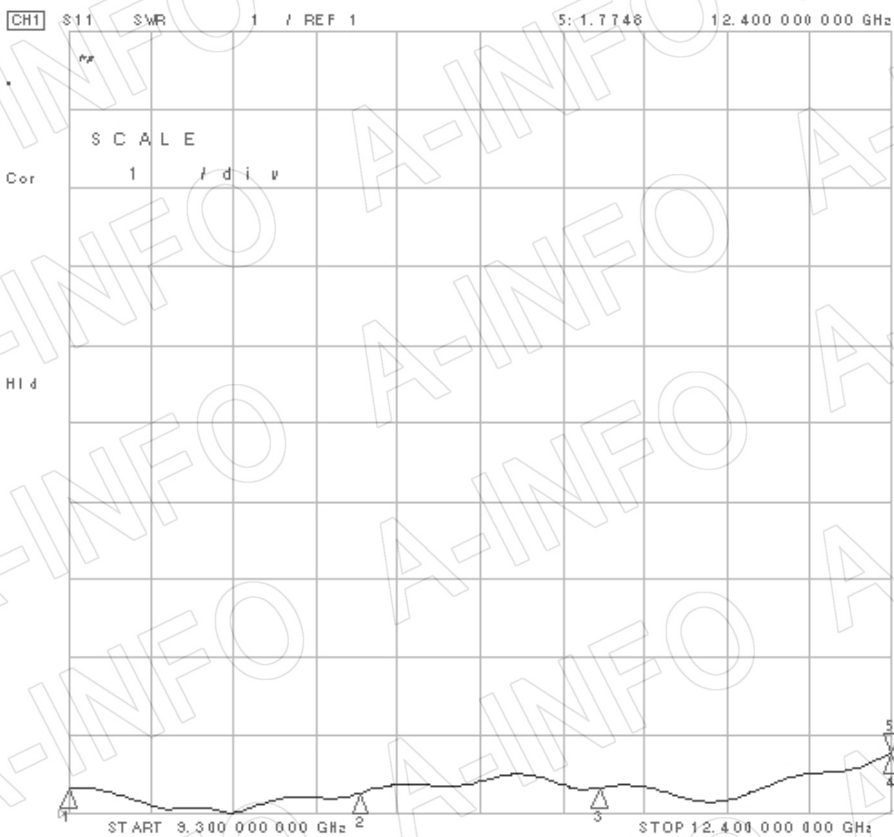


### Port-V

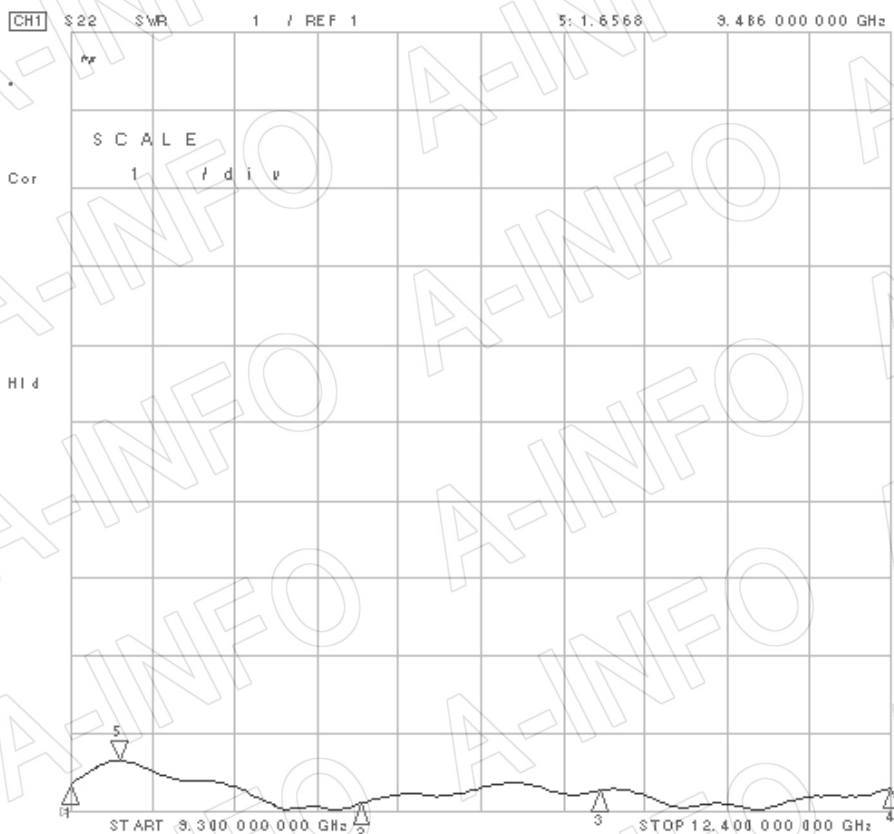


## VSWR\_C Type

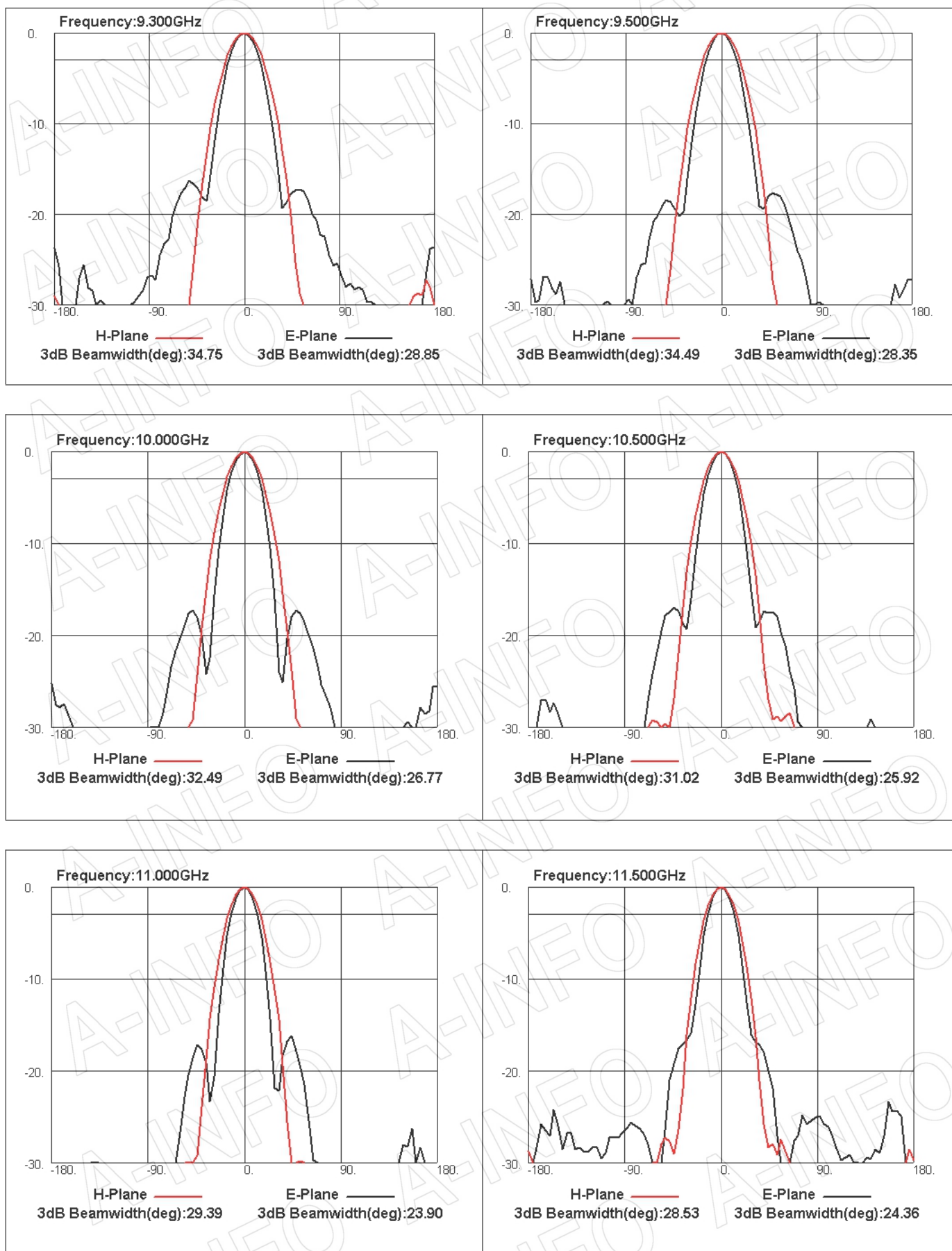
### Port-H



### Port-V



## 5. Pattern



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(+86) 28-8519-3044  
(+1) 949-639-9608

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Fax: (+86) 28-8519-3068  
Fax: (+1) 949-639-9670

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Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)



