

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

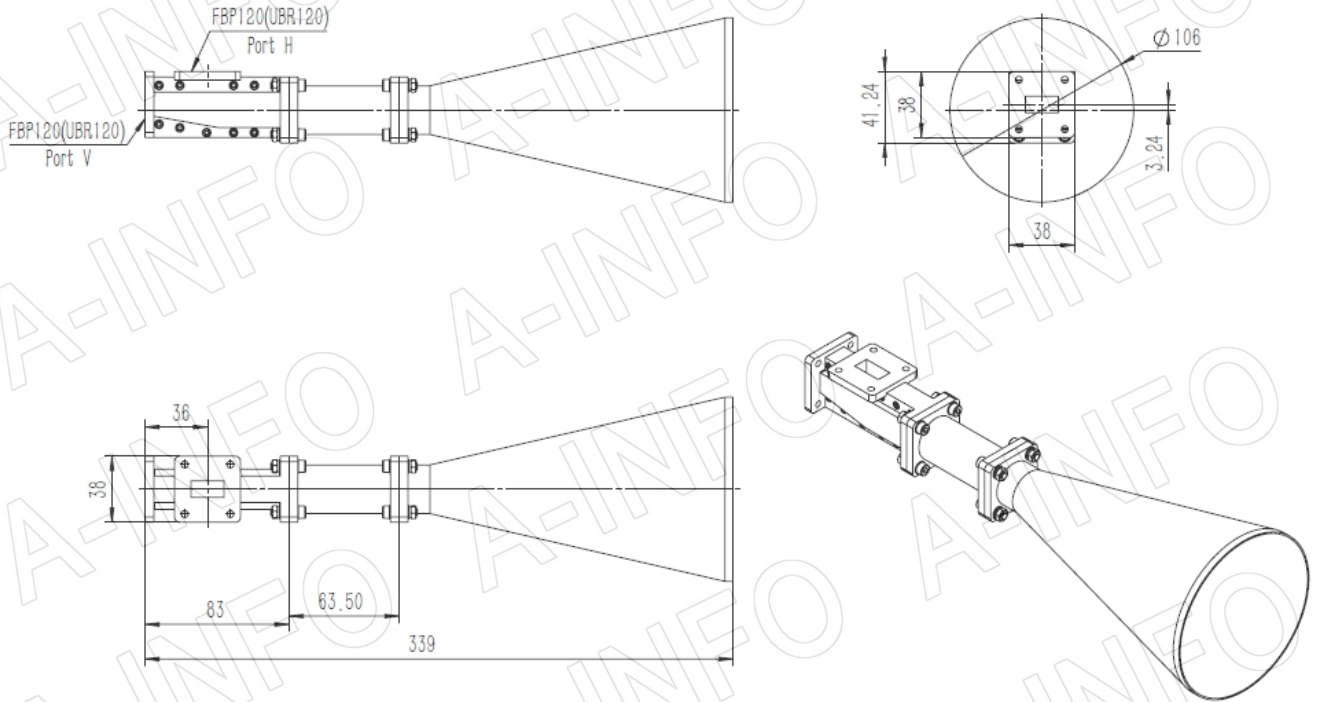
## Technical Specification

Frequency Range(GHz)	10.0 - 13.0
Waveguide	WR75
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 15 Typ.
	H Plane: 18 Typ.
Cross Pol. Isolation(dB)	45 Typ.
Port to Port Isolation(dB)	55 Typ. ; 45 Min.
VSWR	A Type: 1.60:1 Max.
	C Type: 1.80:1 Max.
Output	A Type: FBP120(UBR120)
	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: 106 x 106 x 339
	C Type: 106 x 106 x 369
Net Weight(Kg)	A Type: 0.46 Around
	C Type: 0.56 Around



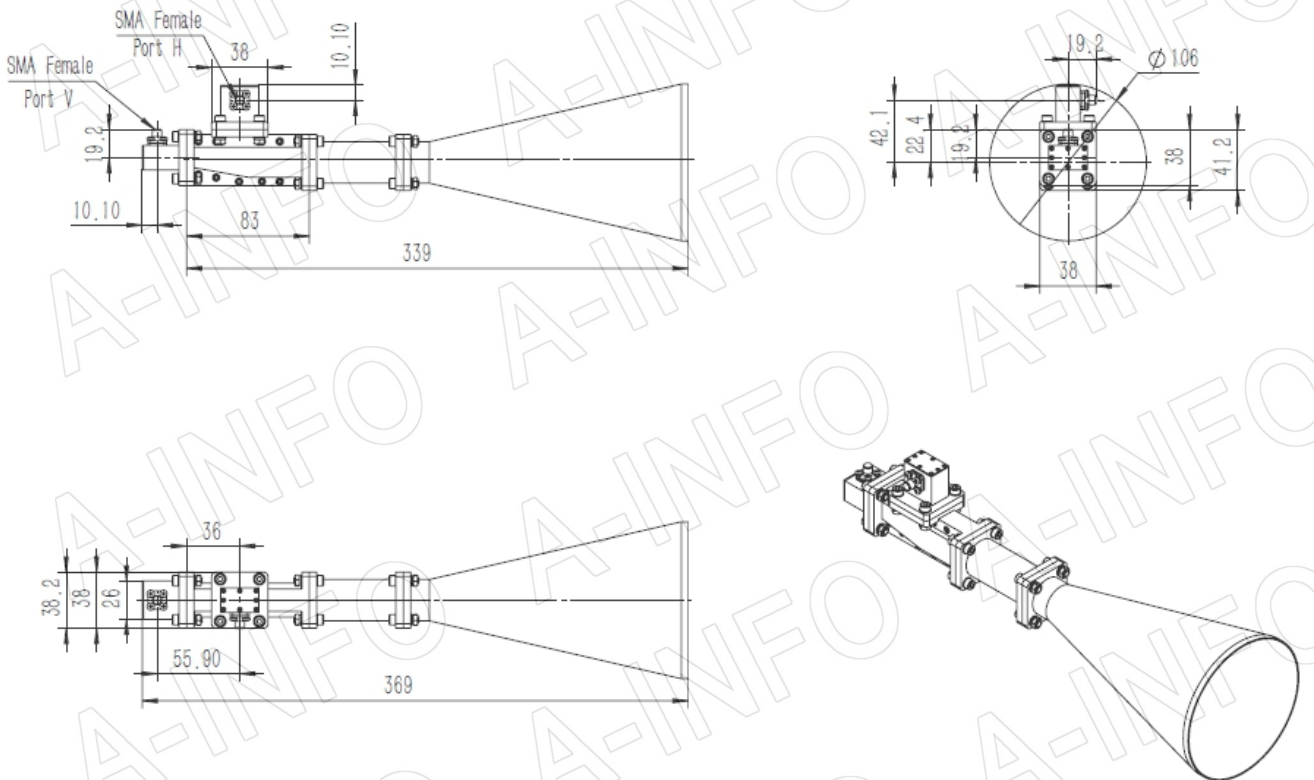
## Outline Drawing (Size: mm)

FBP120 Output (P/N: LB-CNH-75-20-T06-A)



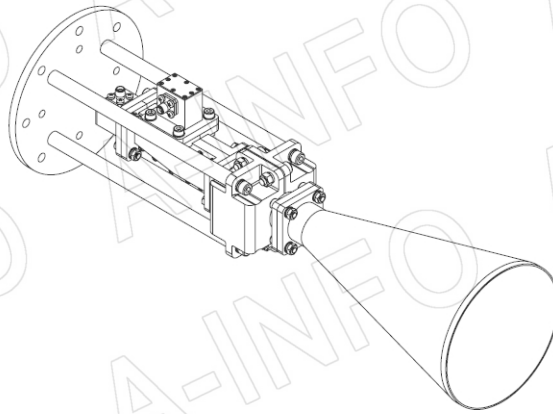
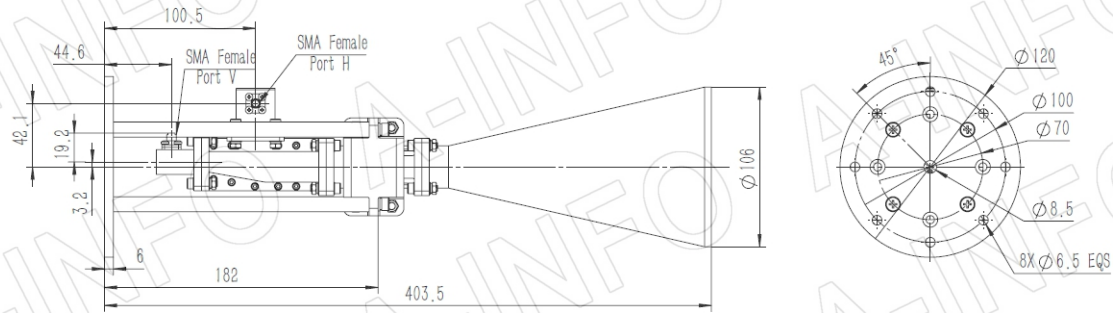
## SMA-Female Output (P/N: LB-CNH-75-20-T06-C-SF)

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



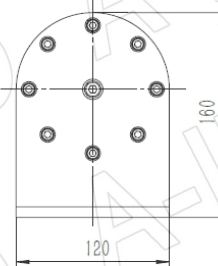
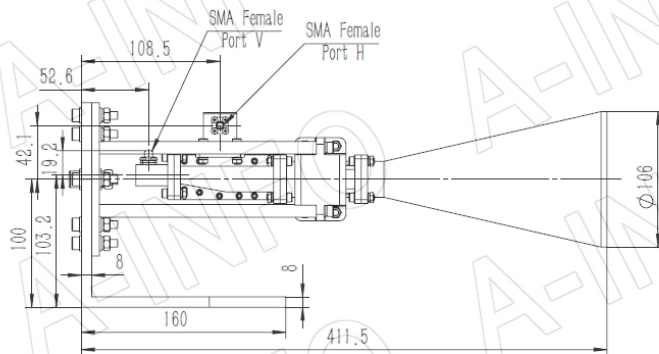
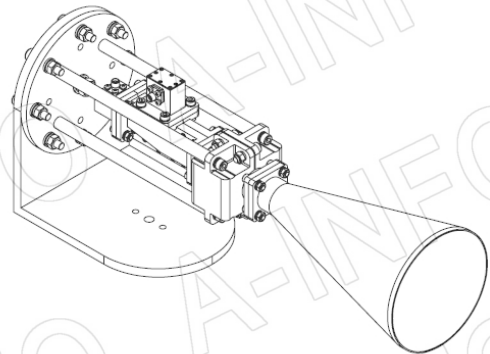
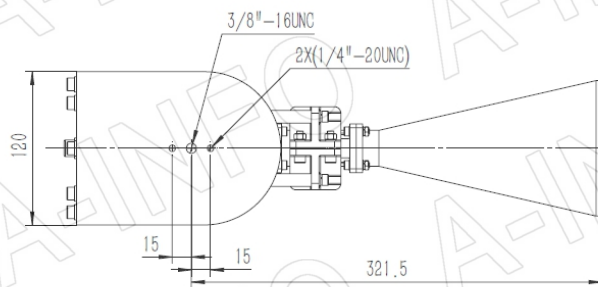
## SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CN75-10-MB)

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

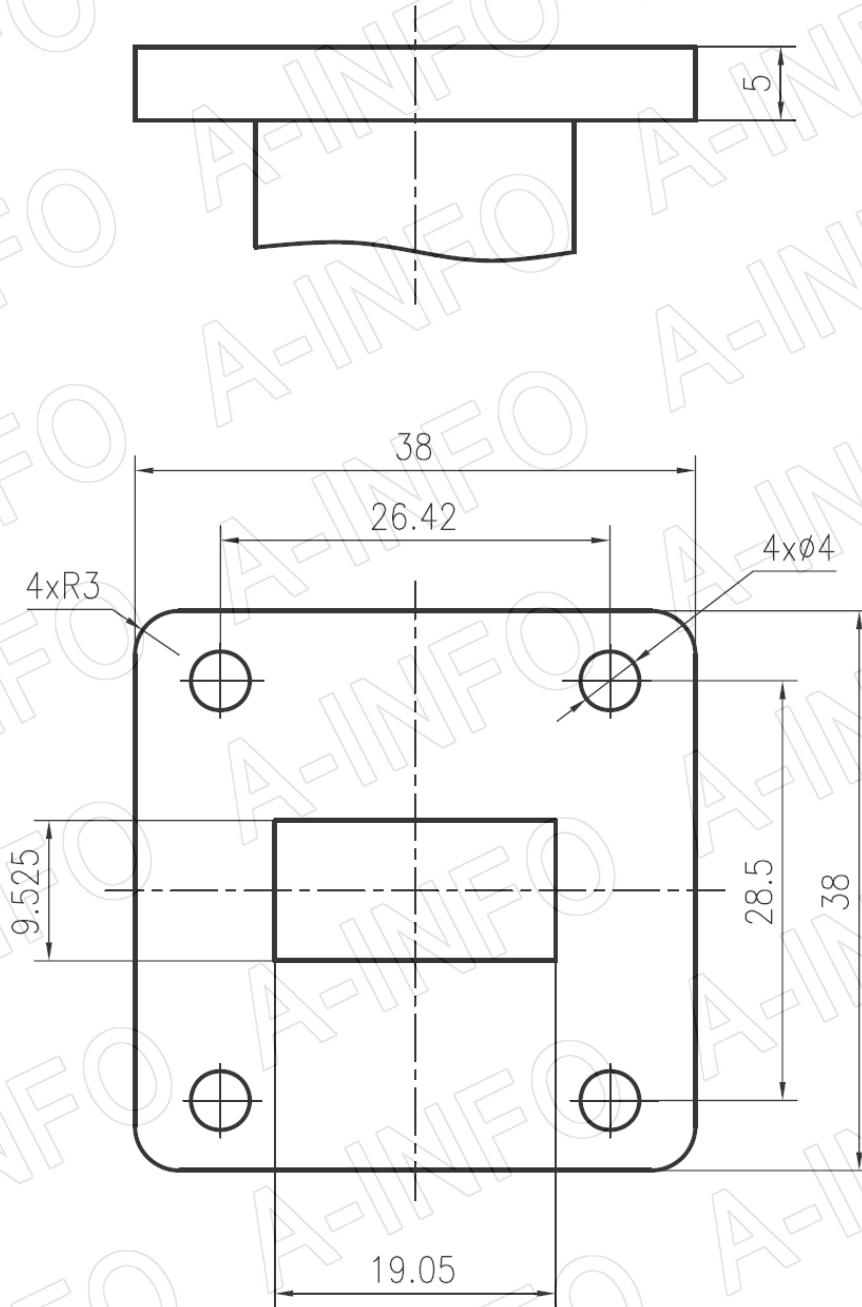


## SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CN75-10-MBL)

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



## Flange Drawing (Size: mm)



### FBP120

AINFO Inc.

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

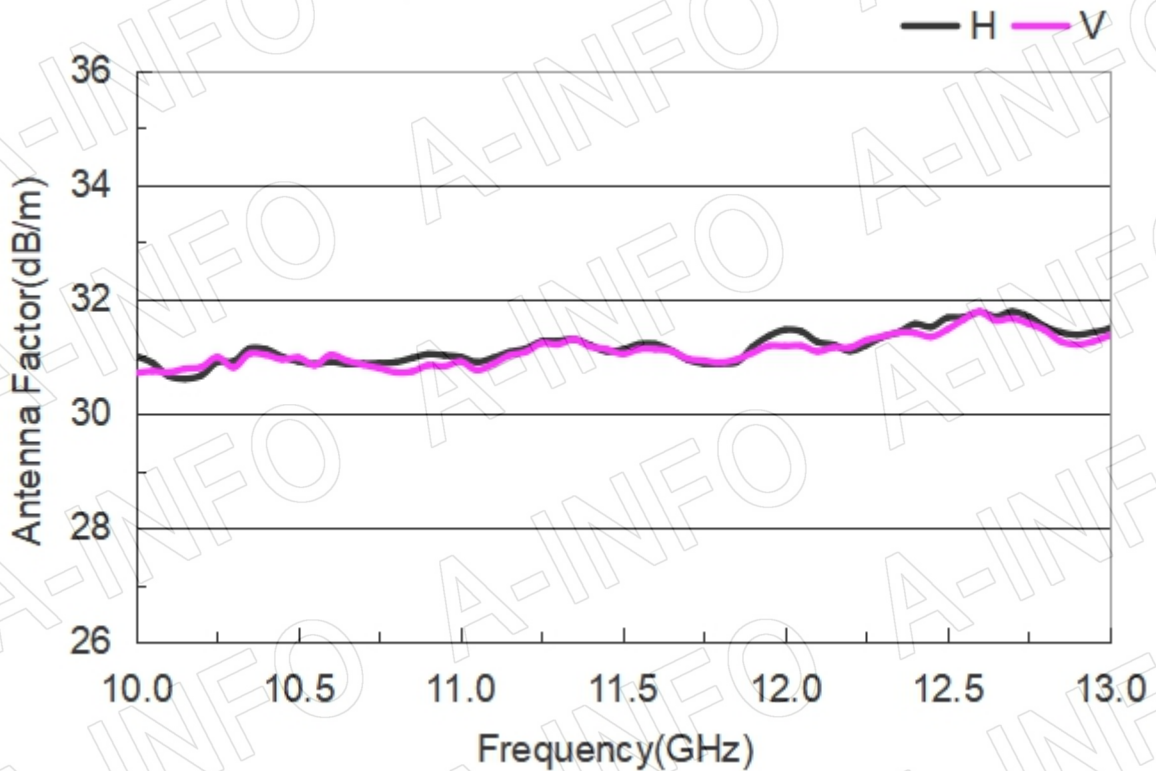
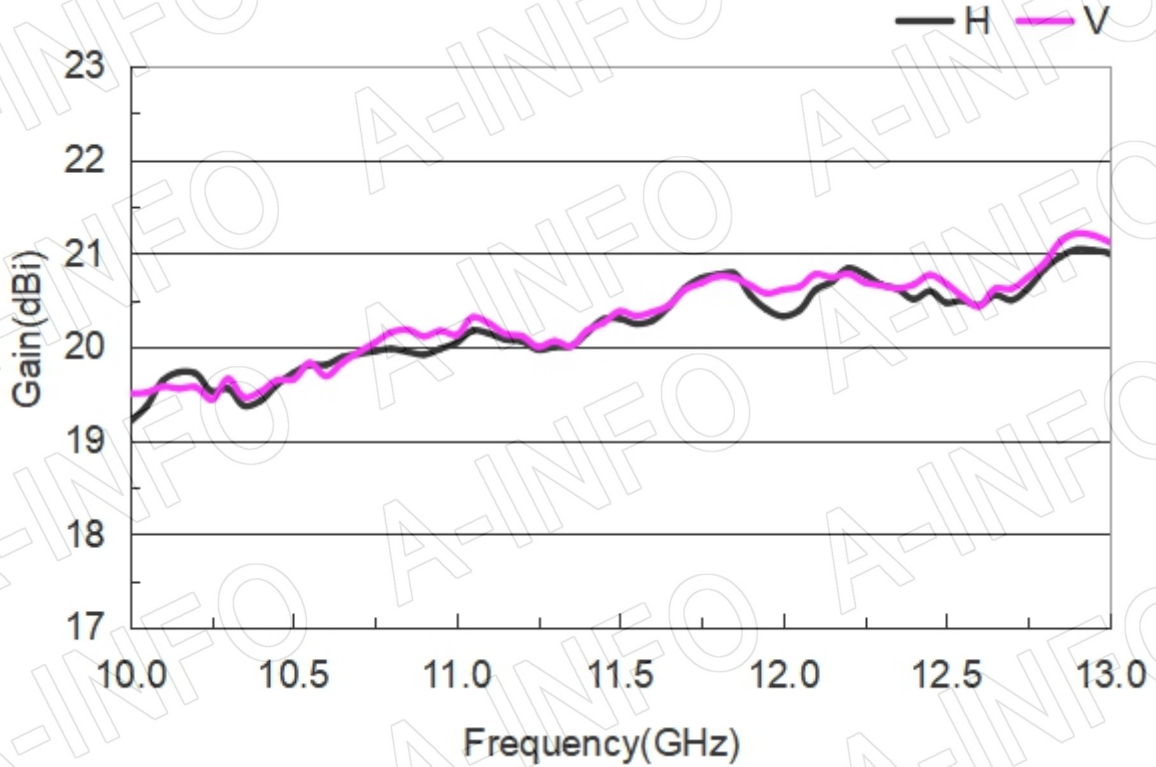
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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379  
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

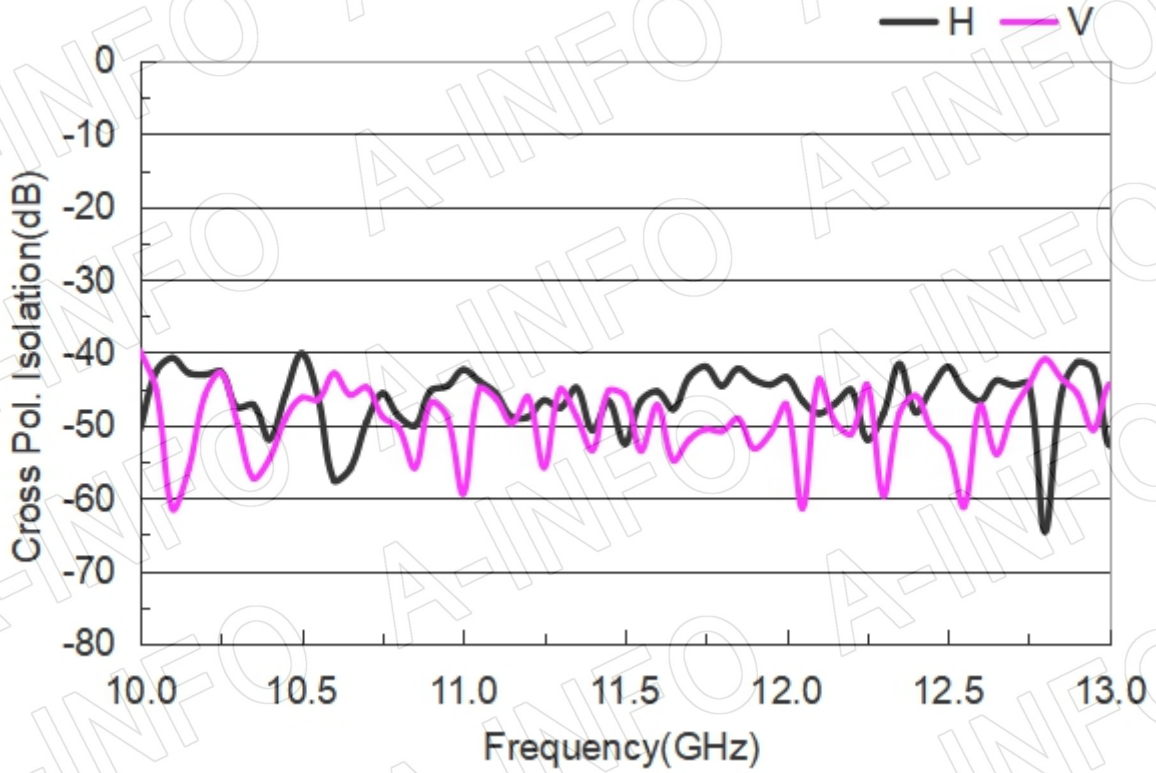
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

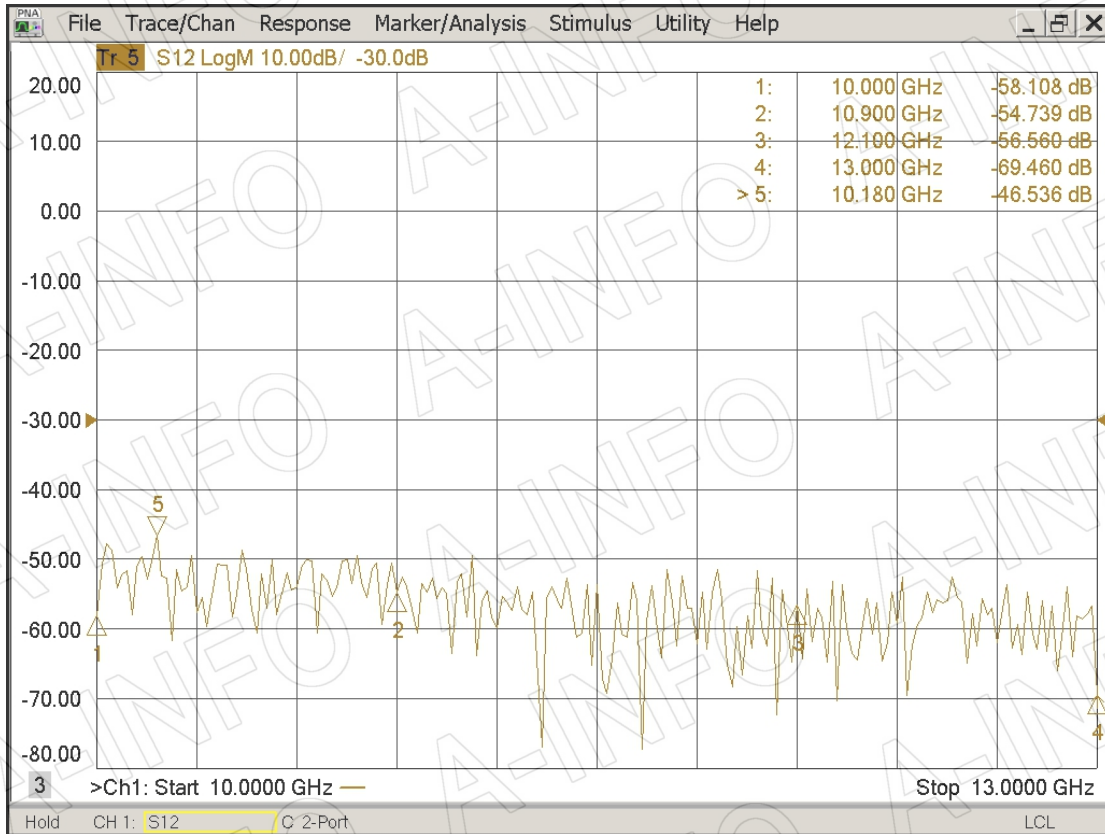
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation

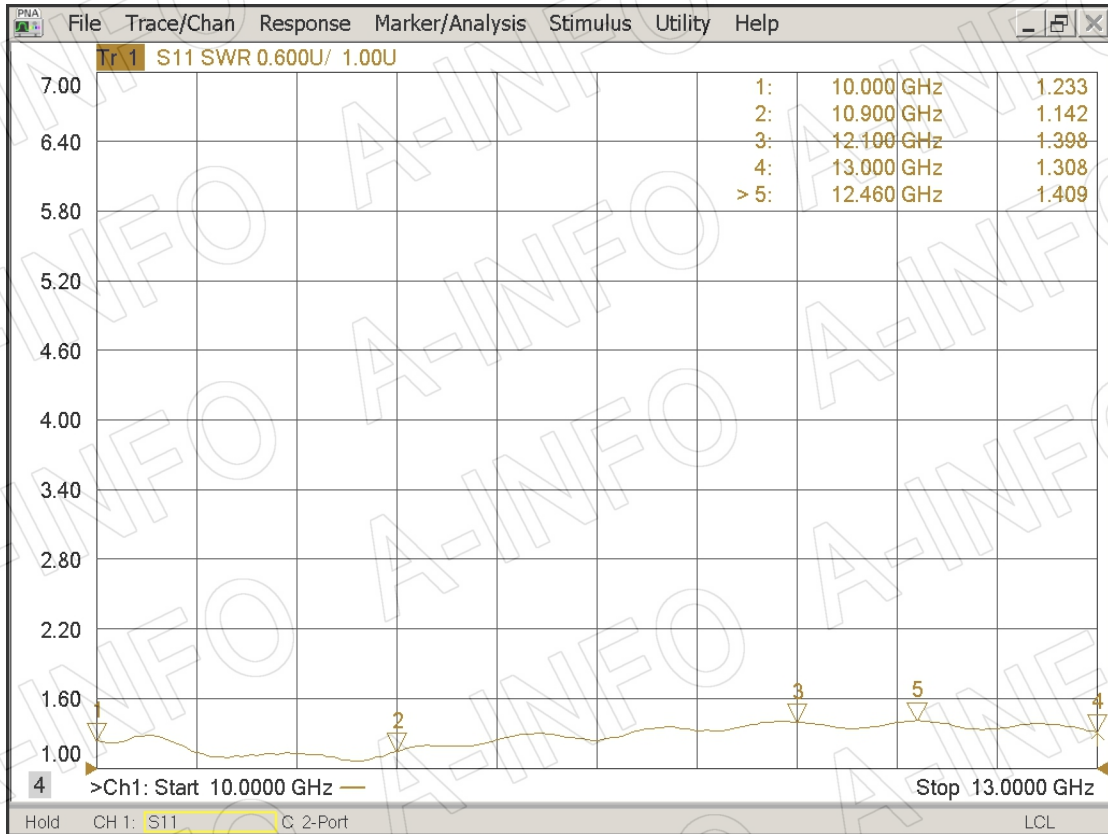


## 3. Port to Port Isolation

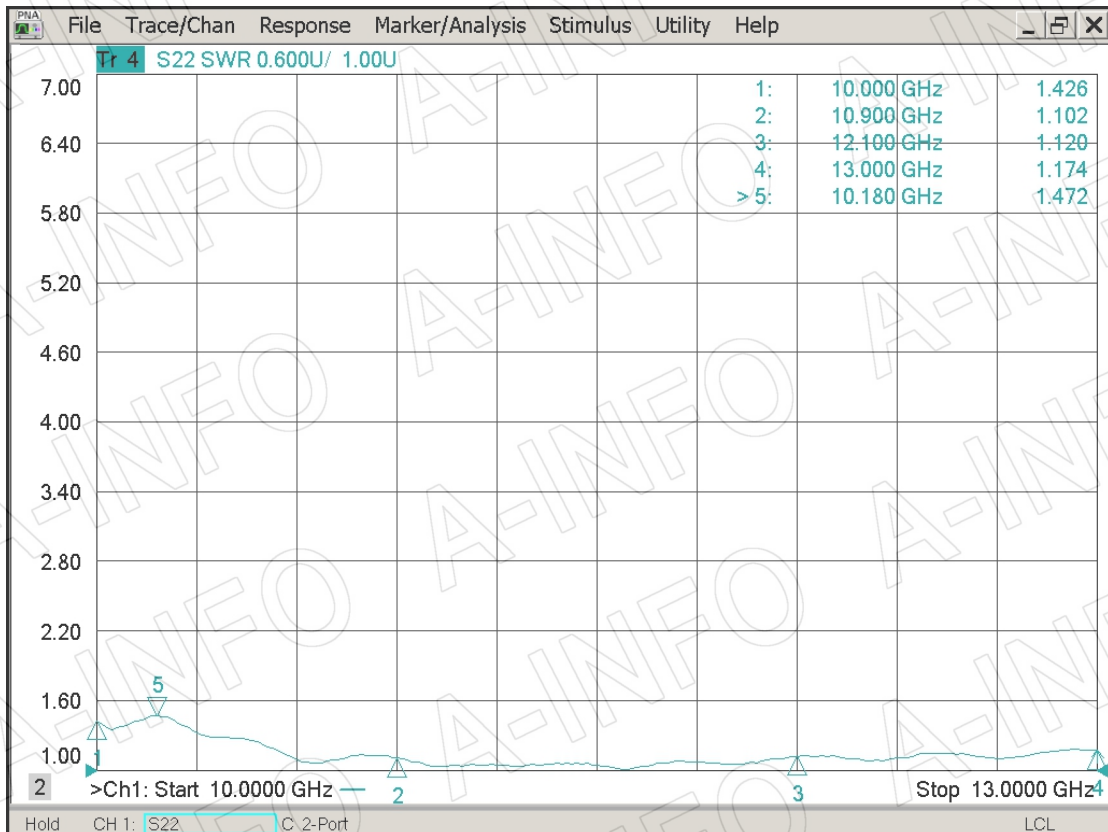


## 4. VSWR\_A Type

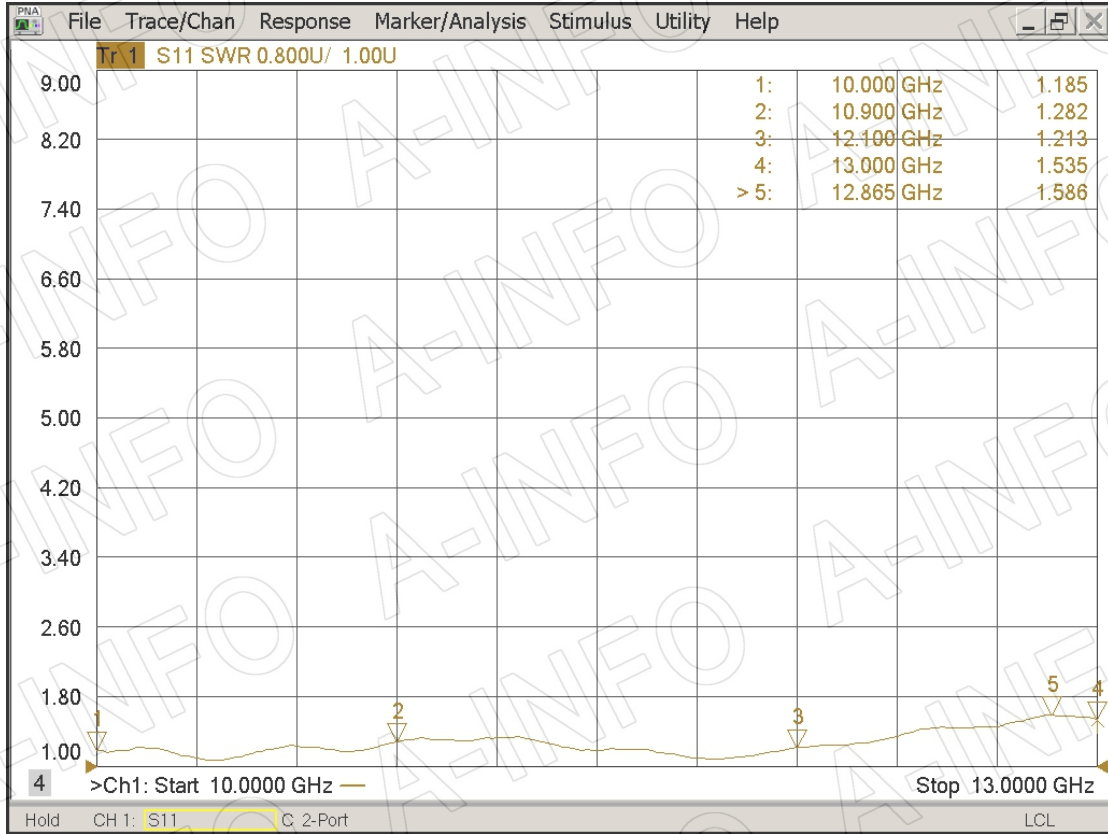
### Port-H



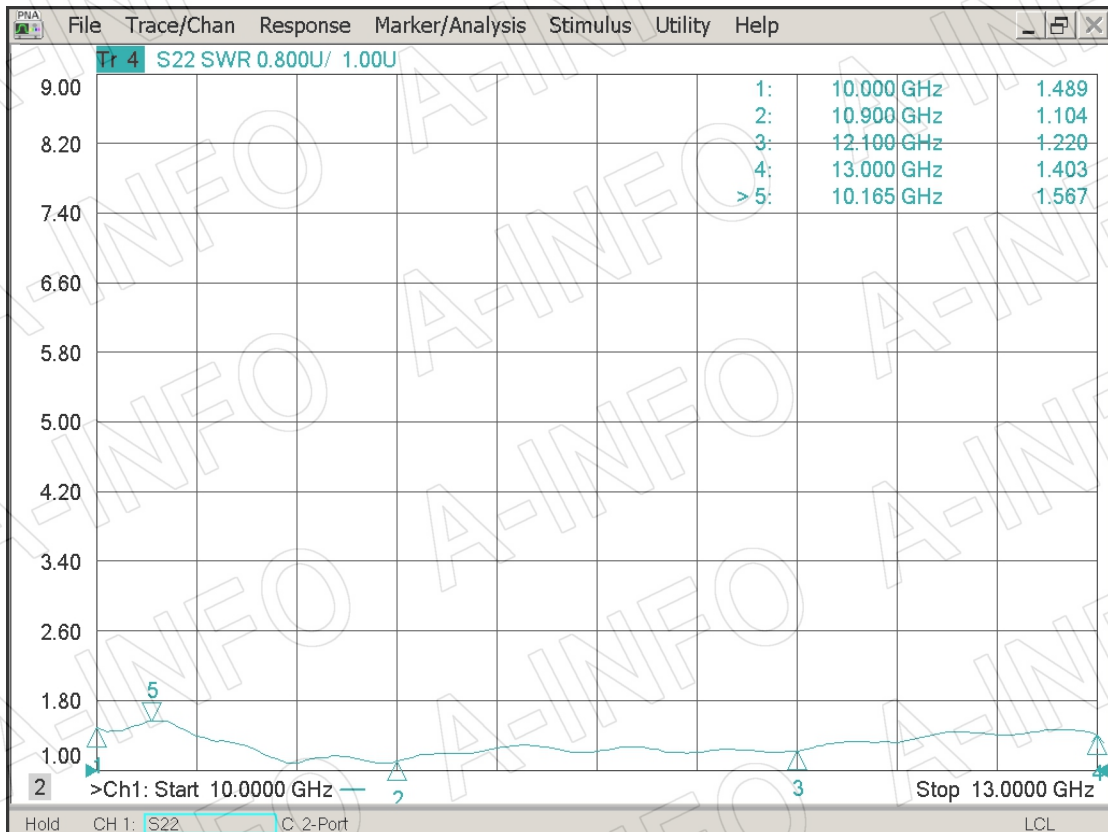
### Port-V



## VSWR\_C Type Port-H

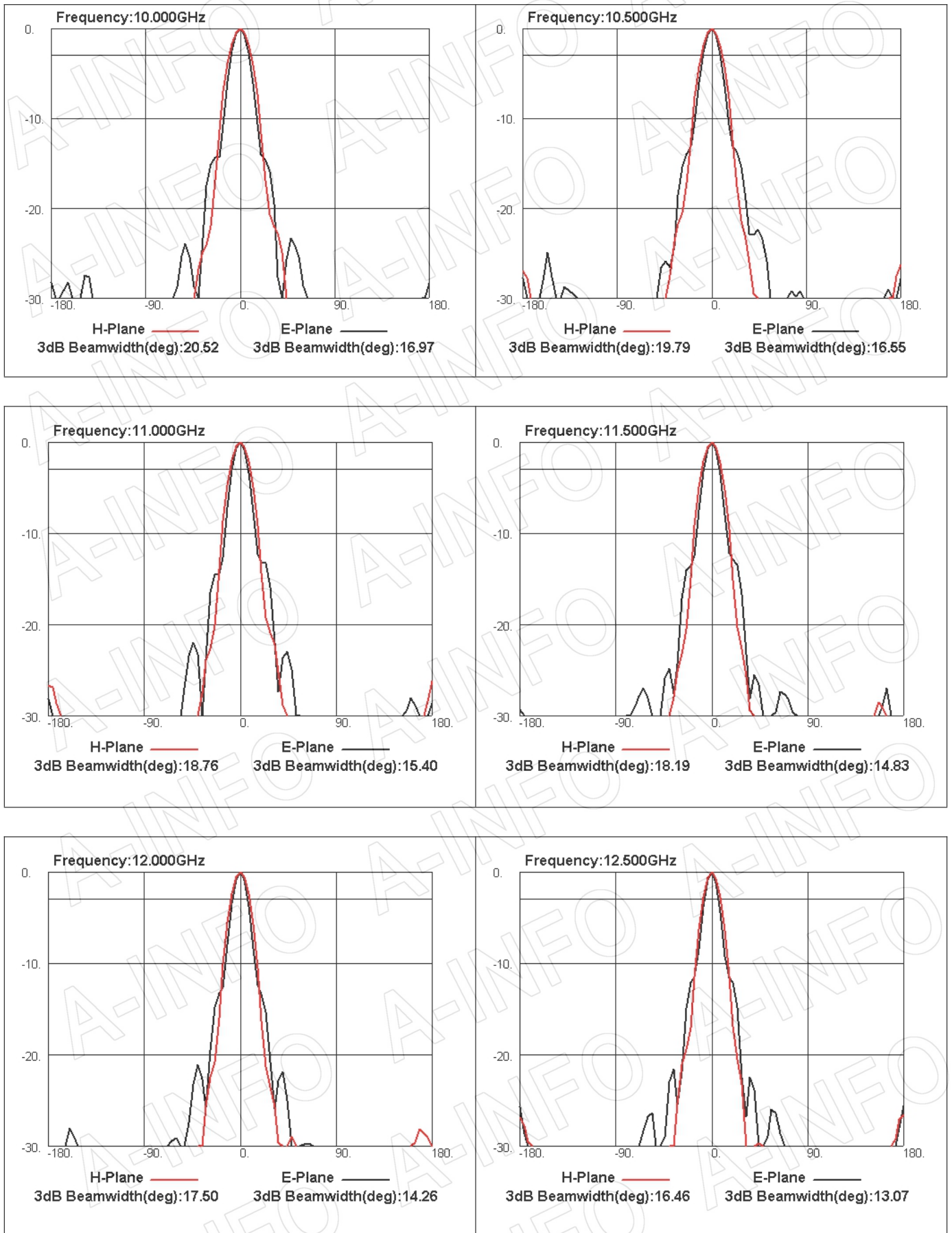


## Port-V





## 5. Pattern



**AINFO Inc.**

China(Beijing):  
China(Chengdu):  
USA :

Tel: (+86) 10-6266-7326,  
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Tel: (+1) 949-639-9688,

(+86) 10-6266-7327  
(+86) 28-8519-3044  
(+1) 949-639-9608

Fax: (+86) 10-6266-7379  
Fax: (+86) 28-8519-3068  
Fax: (+1) 949-639-9670

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

