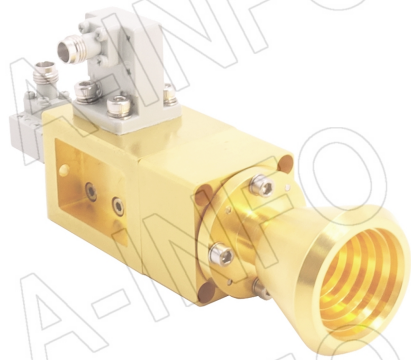


For reference only. See data sheet for the detailed specifications.

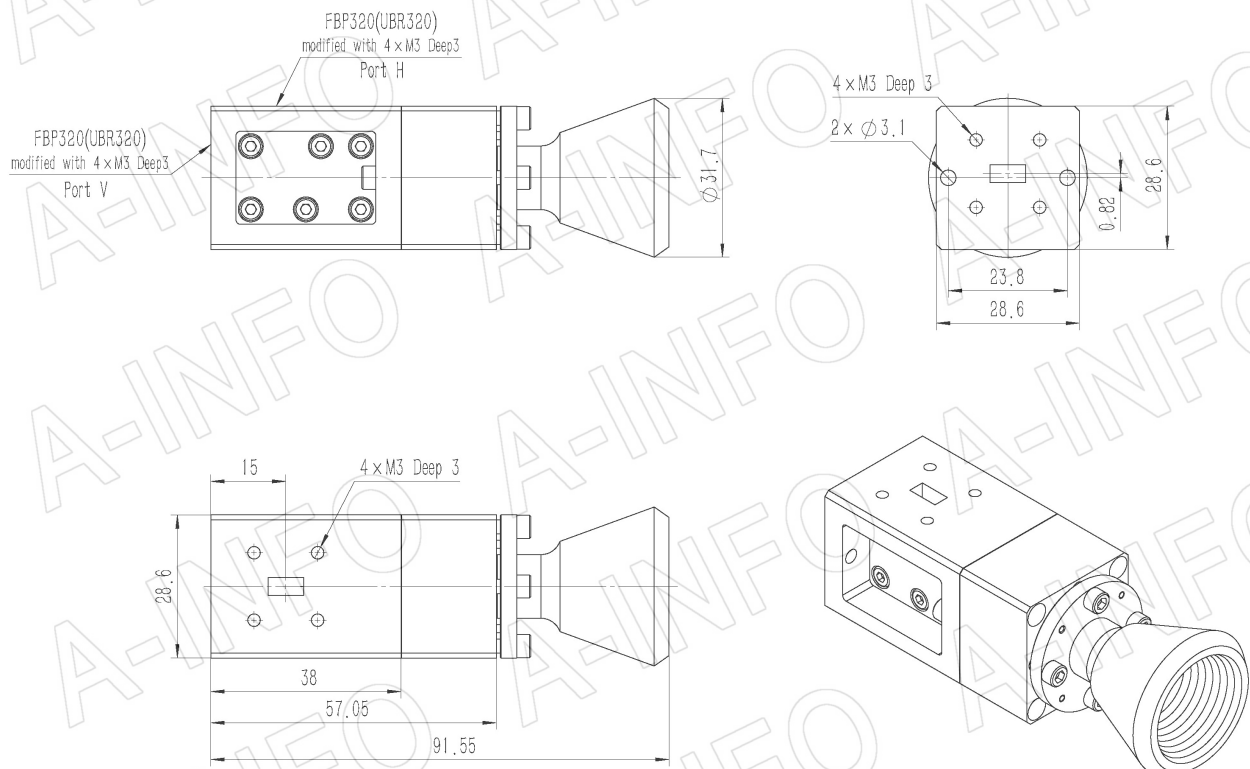
## Technical Specification



Frequency Range(GHz)	30.0 – 40.0
Waveguide	WR28
Gain(dBi)	15 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 25 Typ.
	H Plane: 25 Typ.
Cross Pol. Isolation(dB)	40 Typ.
Port to Port Isolation(dB)	40 Typ. ; 30 Min.
VSWR	A Type: 1.80:1 Typ.
	C Type: 1.80:1 Typ.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 D3)
	C Type: 2.92mm-Female or 2.4mm-Female
Material	Cu
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 31.7 x 31.7 x 91.55
	C Type: 31.7 x 54.2 x 115.6
Net Weight(Kg)	A Type: 0.36 Around
	C Type: 0.44 Around

## Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CH-28-15-T06-A)



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

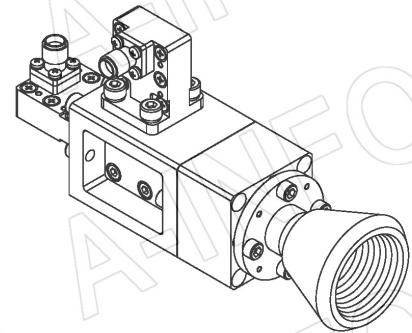
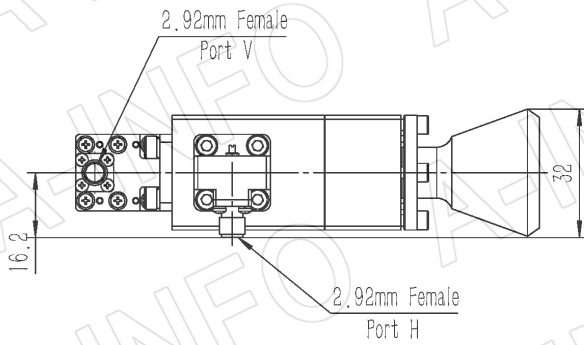
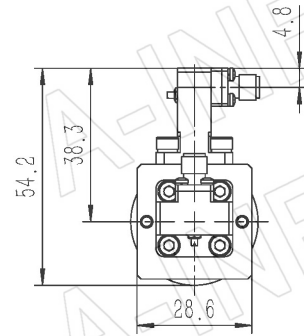
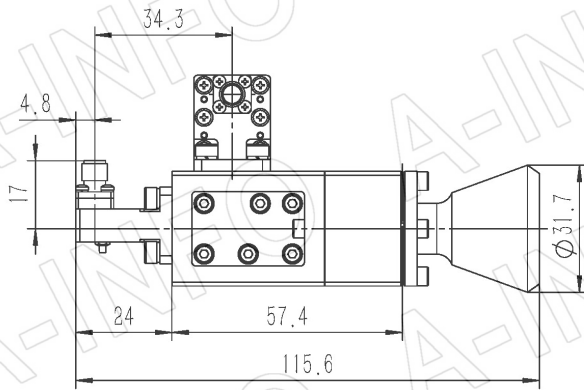
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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

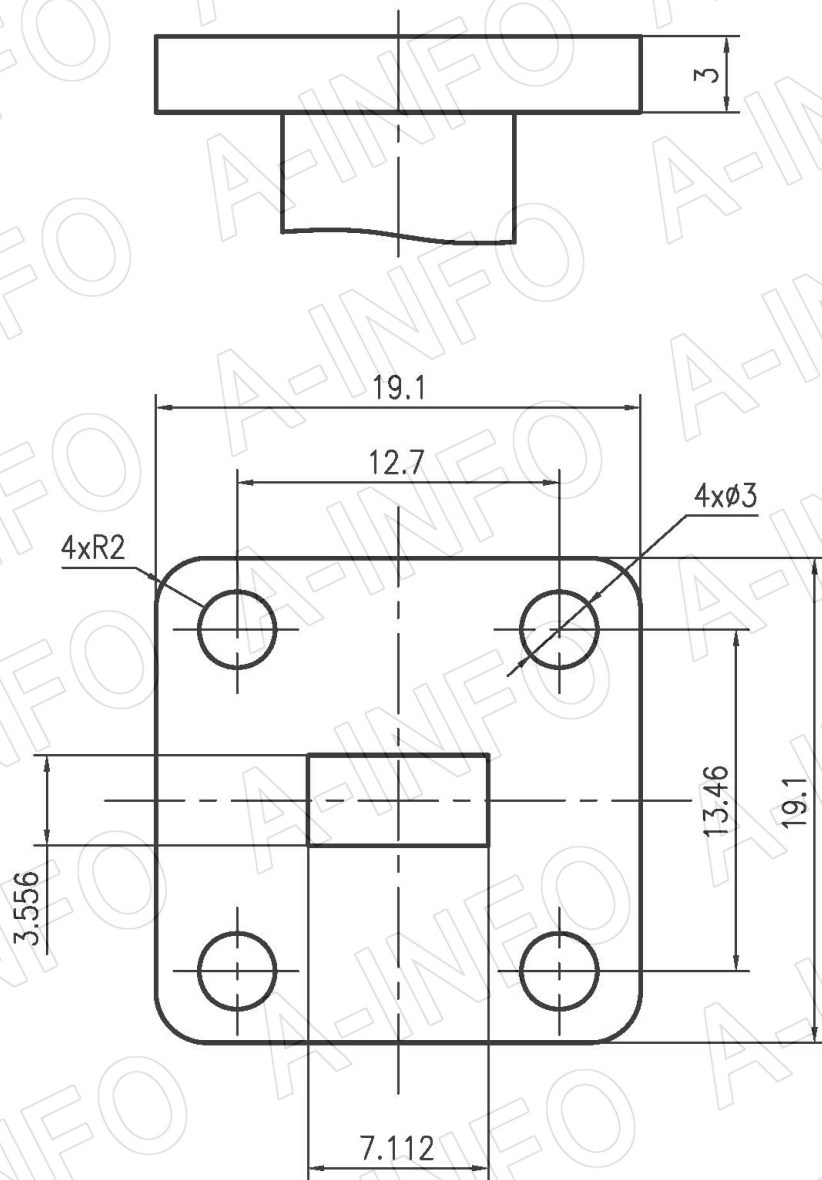
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## 2.92mm-Female Output (P/N: LB-CH-28-15-T06-C-KF)

For 2.4mm-Female output outline drawing, please contact A-INFO.



## Flange Drawing (Size: mm)



**FBP320**

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USA: Tel: (+1) 949-639-9688,

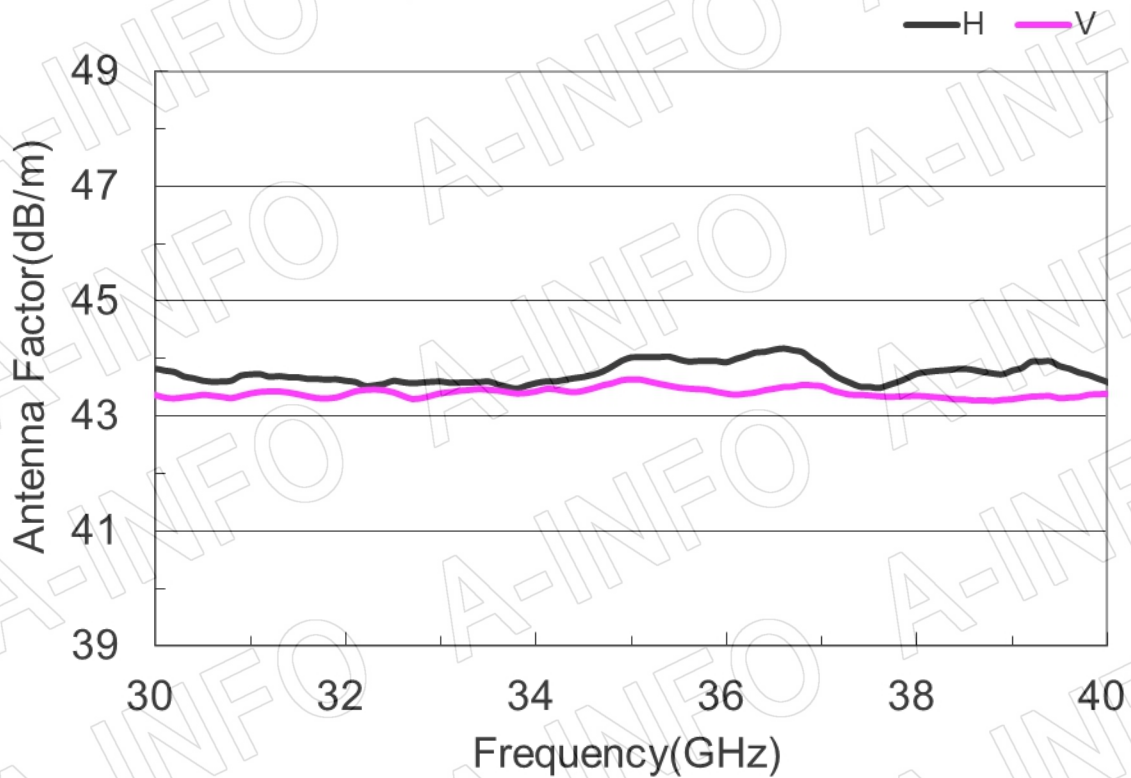
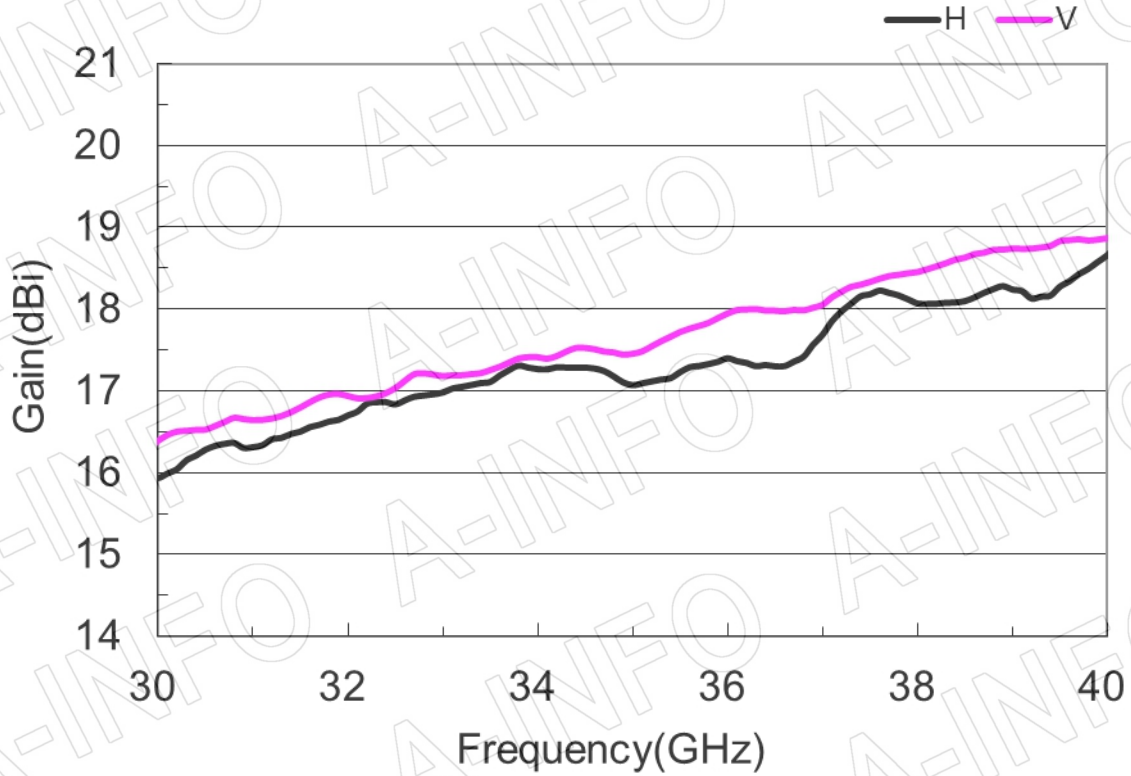
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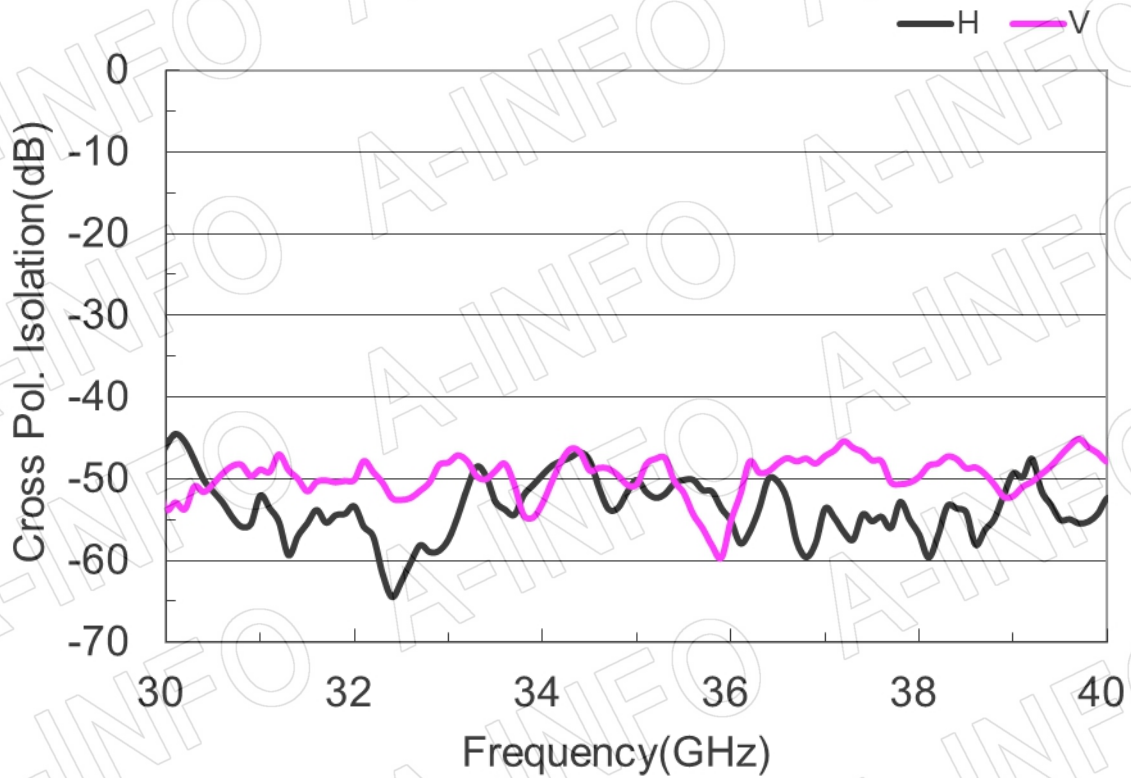
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

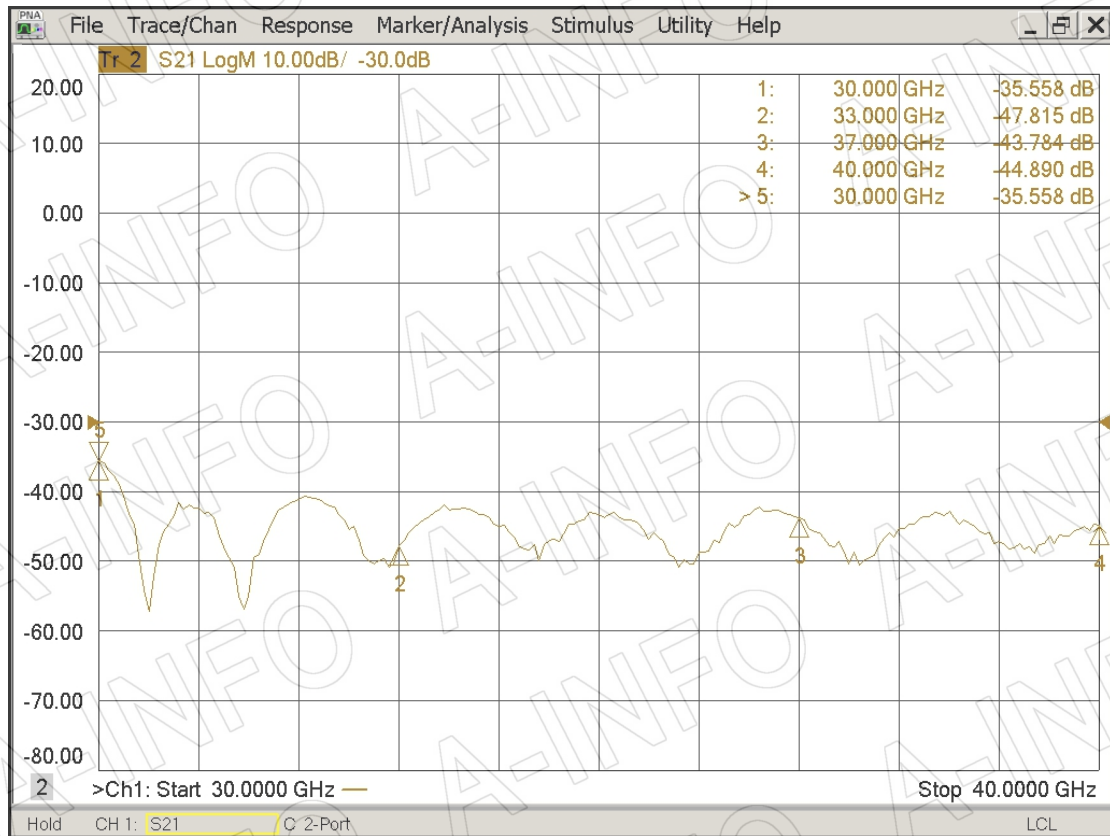
### 1. Gain and Antenna Factor



## 2. Cross Polarization Isolation

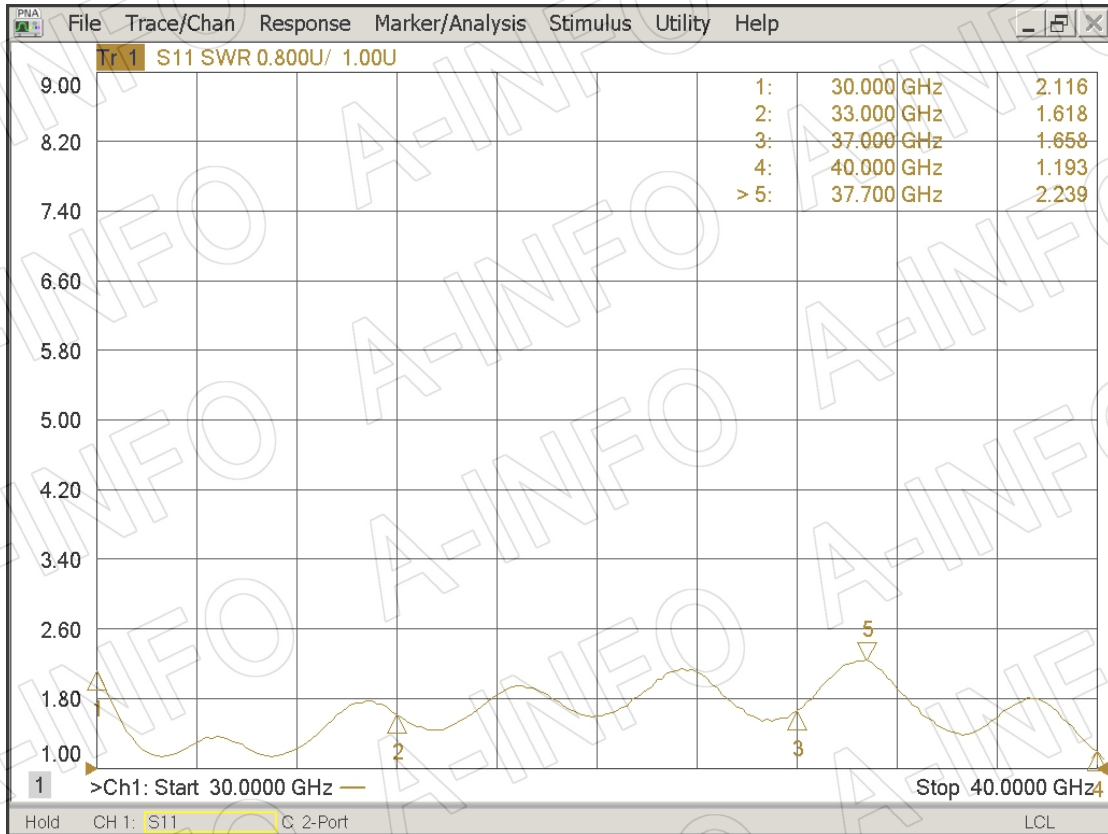


## 3. Port to Port Isolation

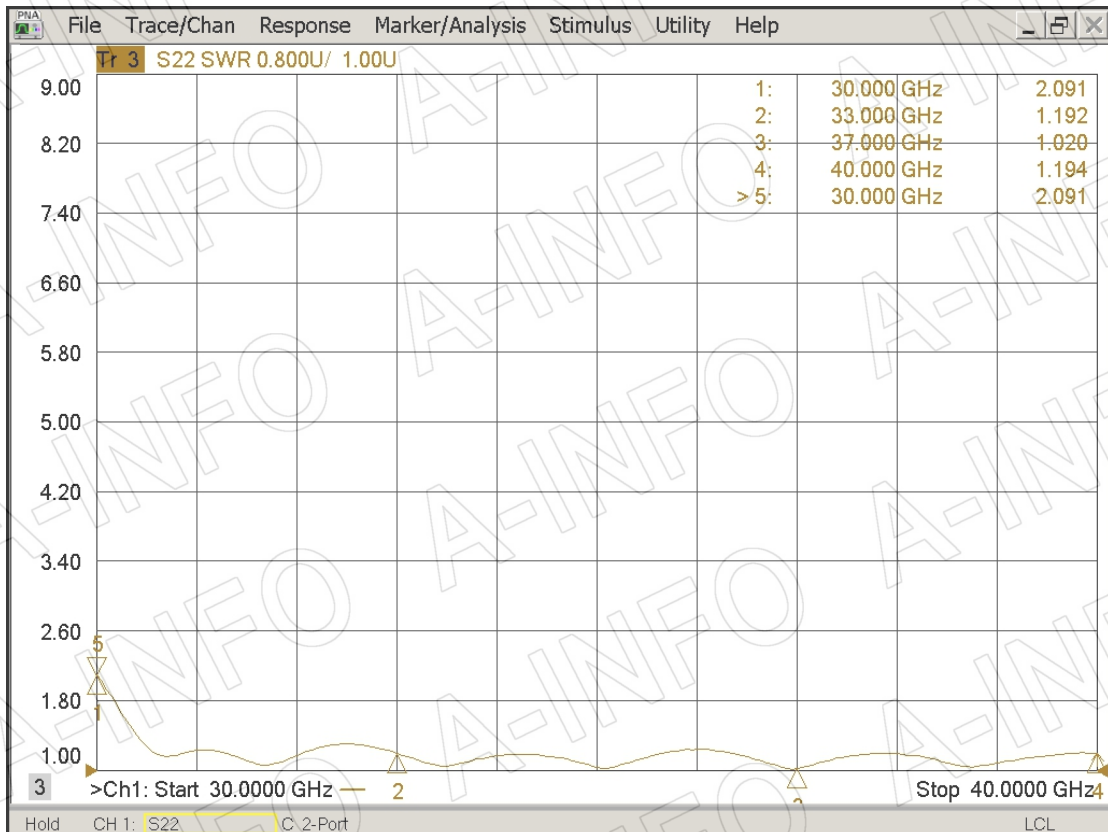


## 4. VSWR\_A Type

### Port-H

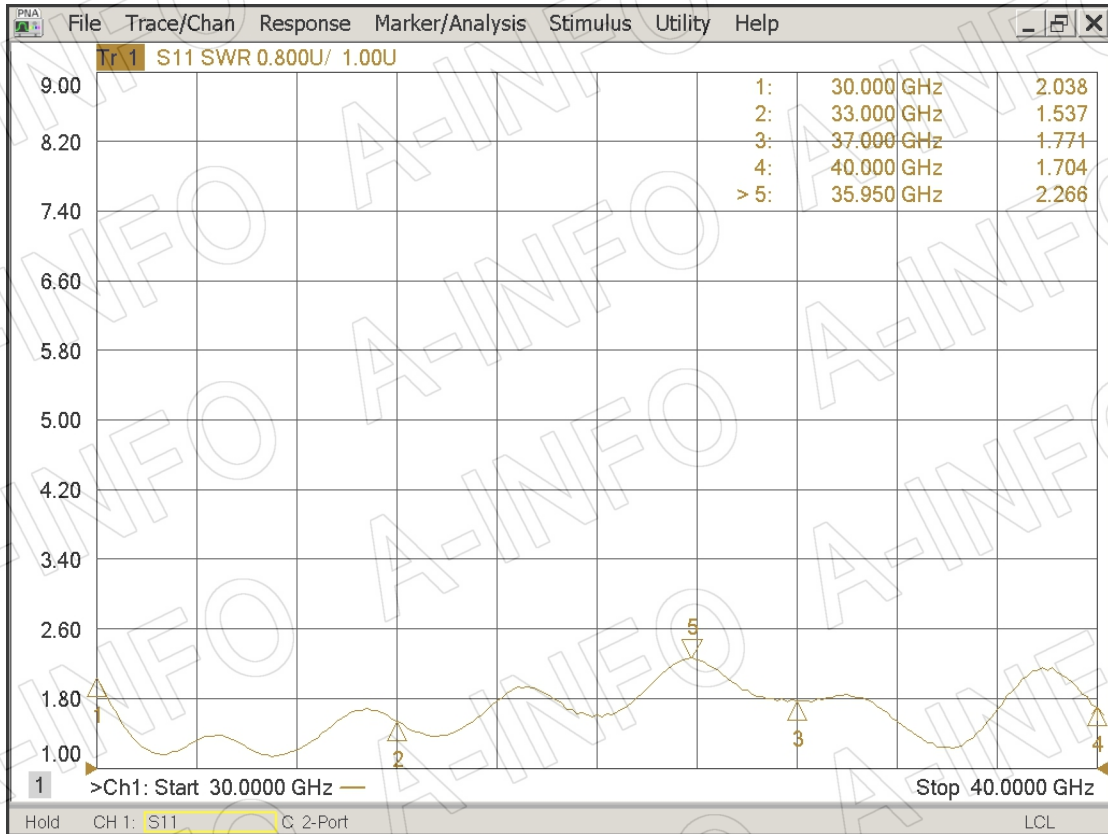


### Port-V

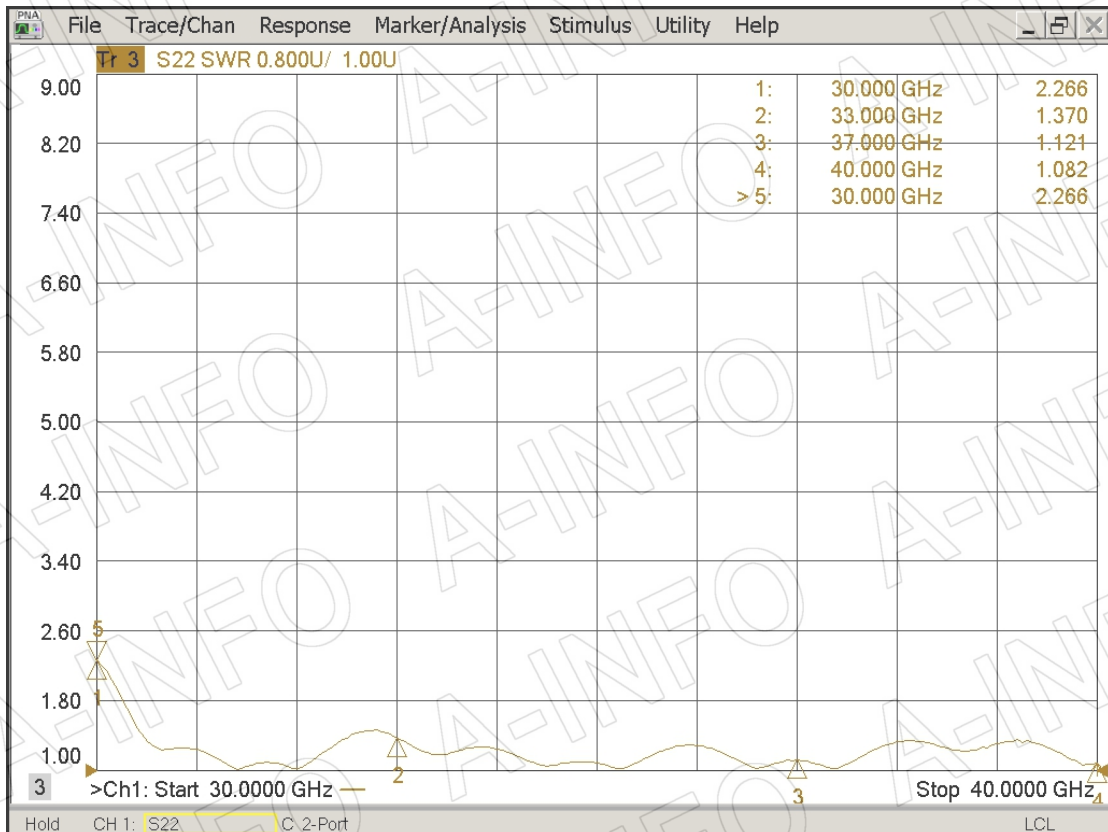


## VSWR\_C Type

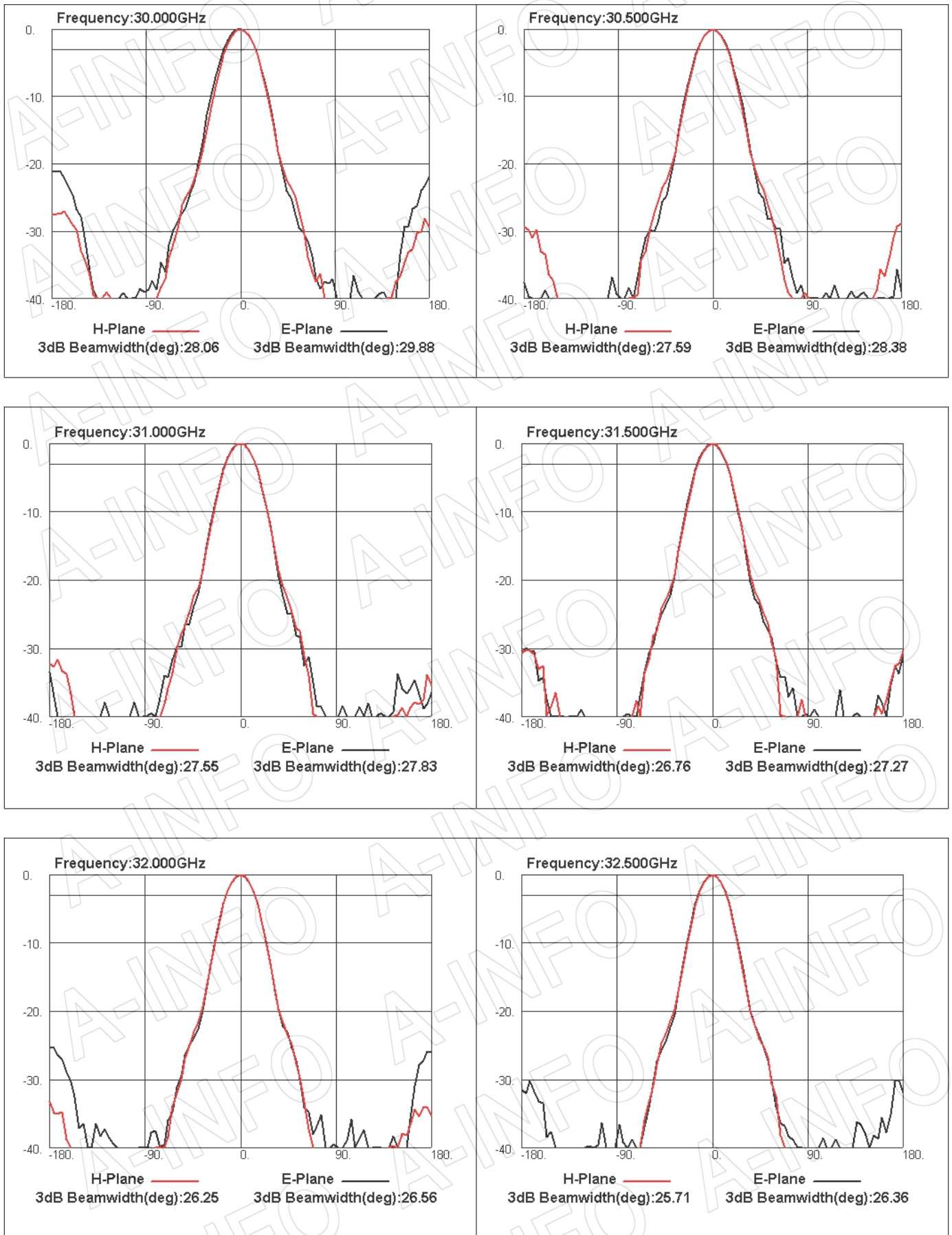
### Port-H



### Port-V



## 5. Pattern



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