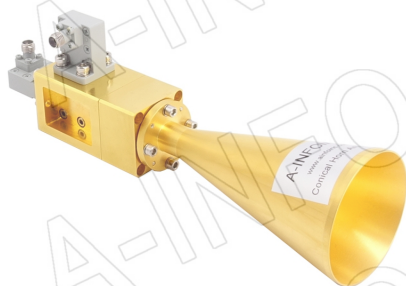


For reference only. See data sheet for the detailed specifications.

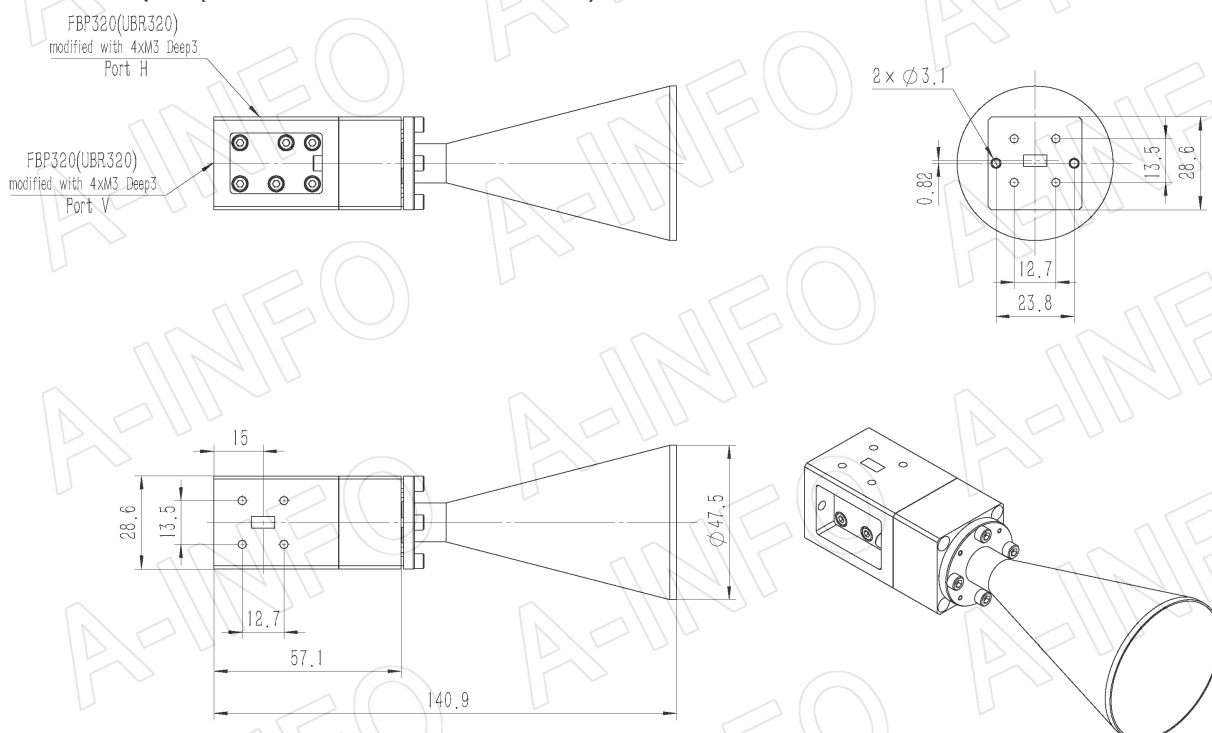
Technical Specification



Frequency Range(GHz)	30.0 - 40.0
Waveguide	WR28
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 12 Typ.
	H Plane: 14 Typ.
Cross Pol. Isolation(dB)	40 Typ. ; 30 Min.
Port to Port Isolation(dB)	40 Typ. ; 30 Min.
VSWR	A Type: 2.0:1 Max.
	C Type: 2.2:1 Max.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 Deep 3)
	C Type: 2.92mm-Female or 2.4mm-Female
Material	Al
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 47.5 x 47.5 x 140.9
	C Type: 47.5 x 62.1 x 164.9
Net Weight(Kg)	A Type: 0.32 Around
	C Type: 0.40 Around

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-20-T06-A)



AINFO Inc.

Page 1 of 11

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

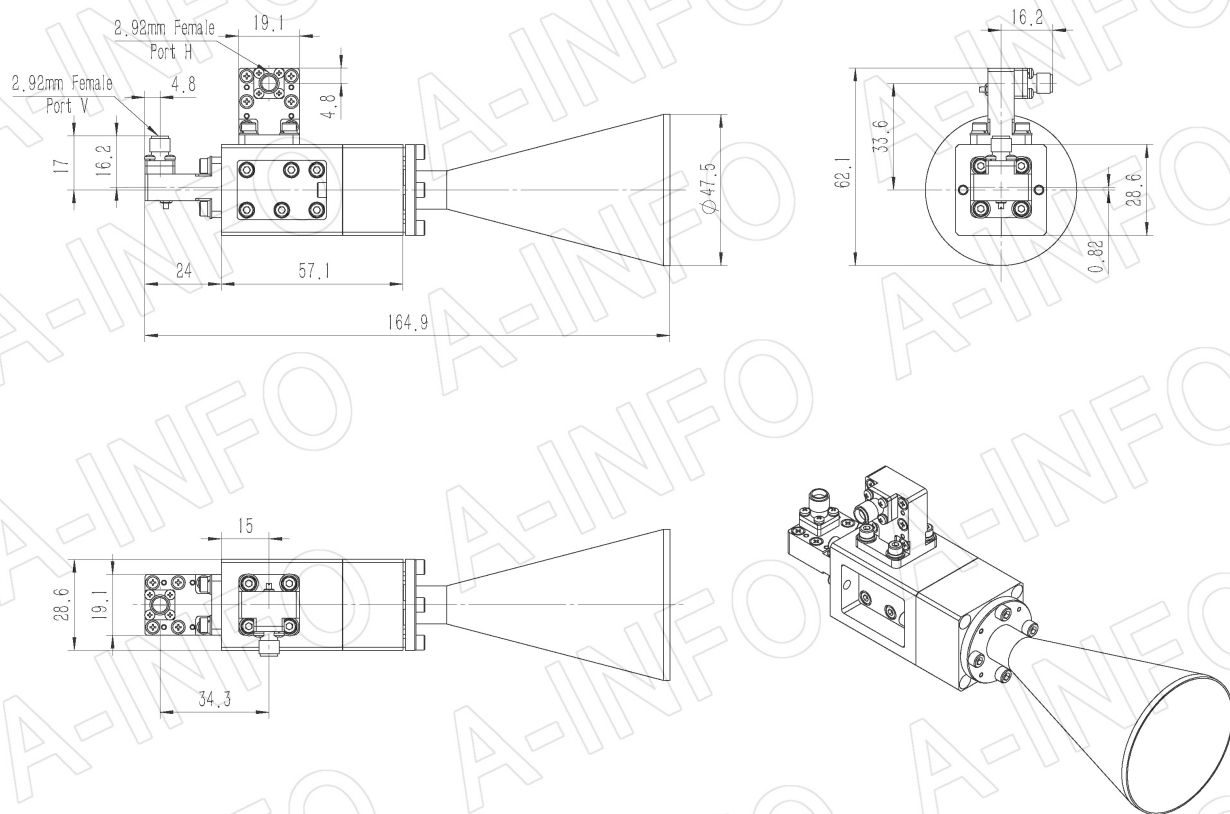
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

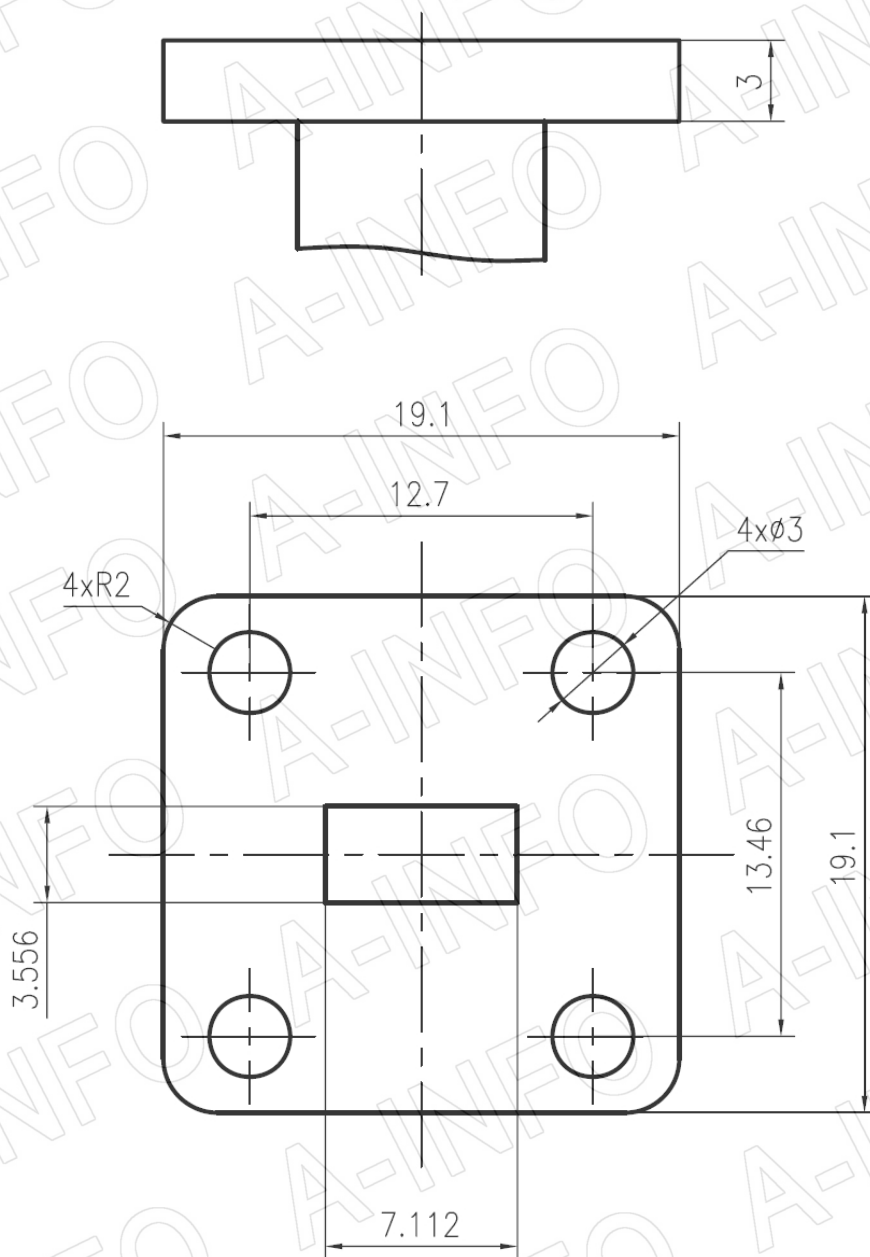
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.92mm-Female Output (P/N: LB-CNH-28-20-T06-C-KF)

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



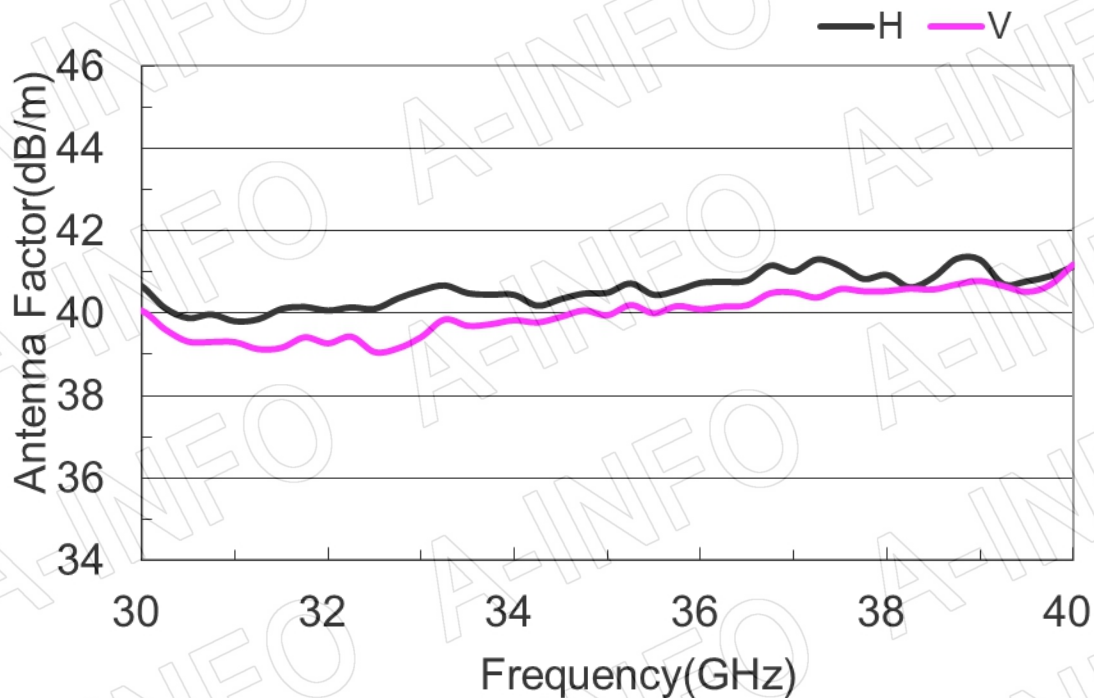
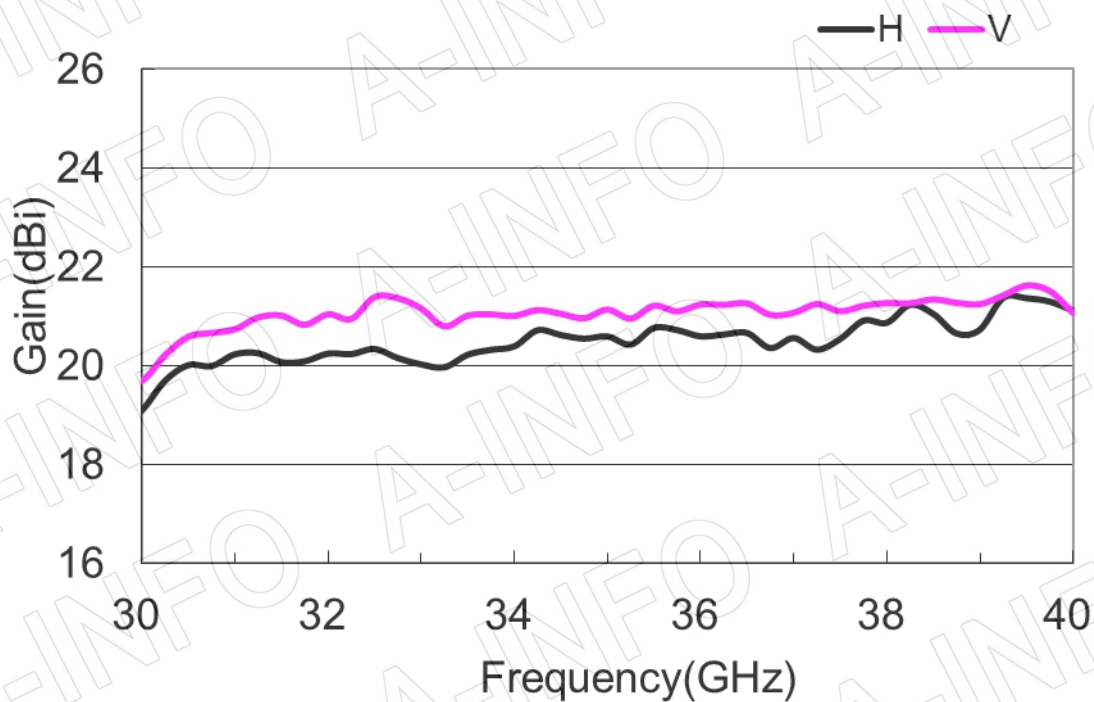
Flange Drawing (Size: mm)



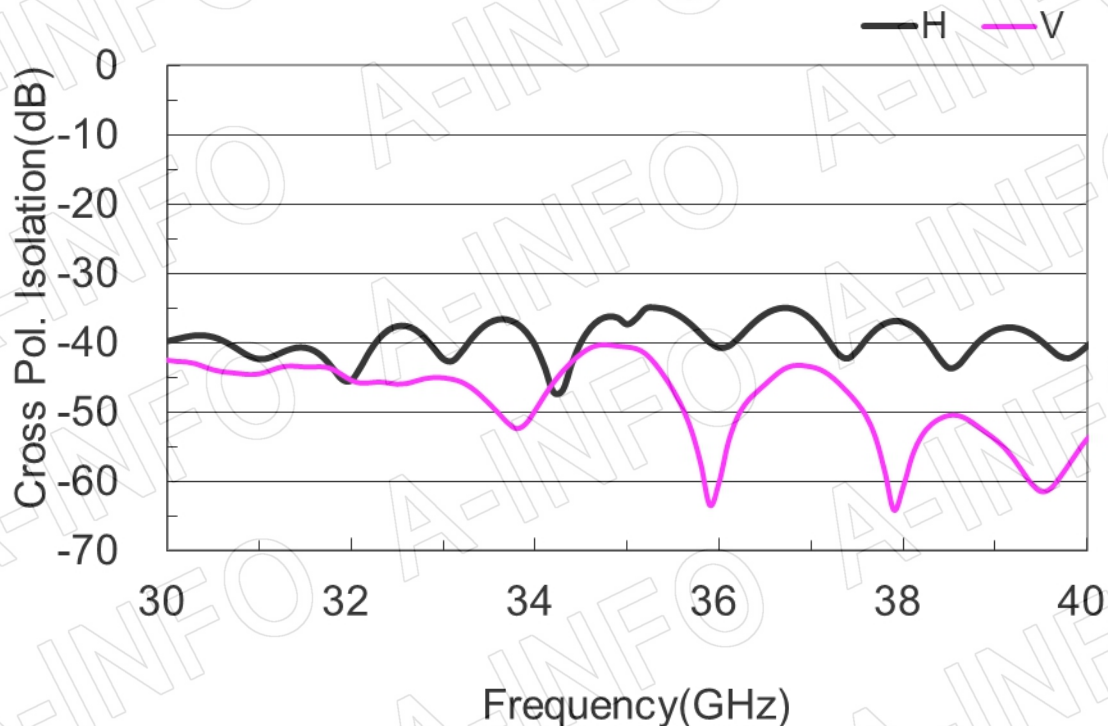
FBP320

Test Results

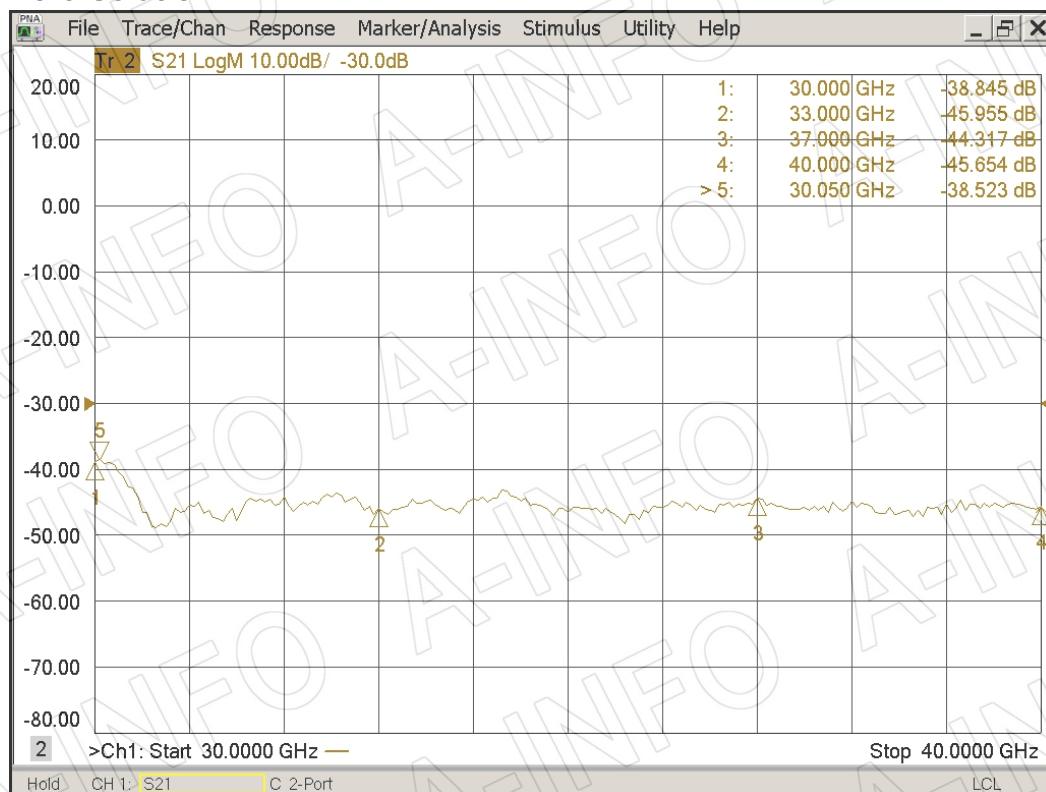
1. Gain and Antenna Factor



2. Cross Polarization Isolation

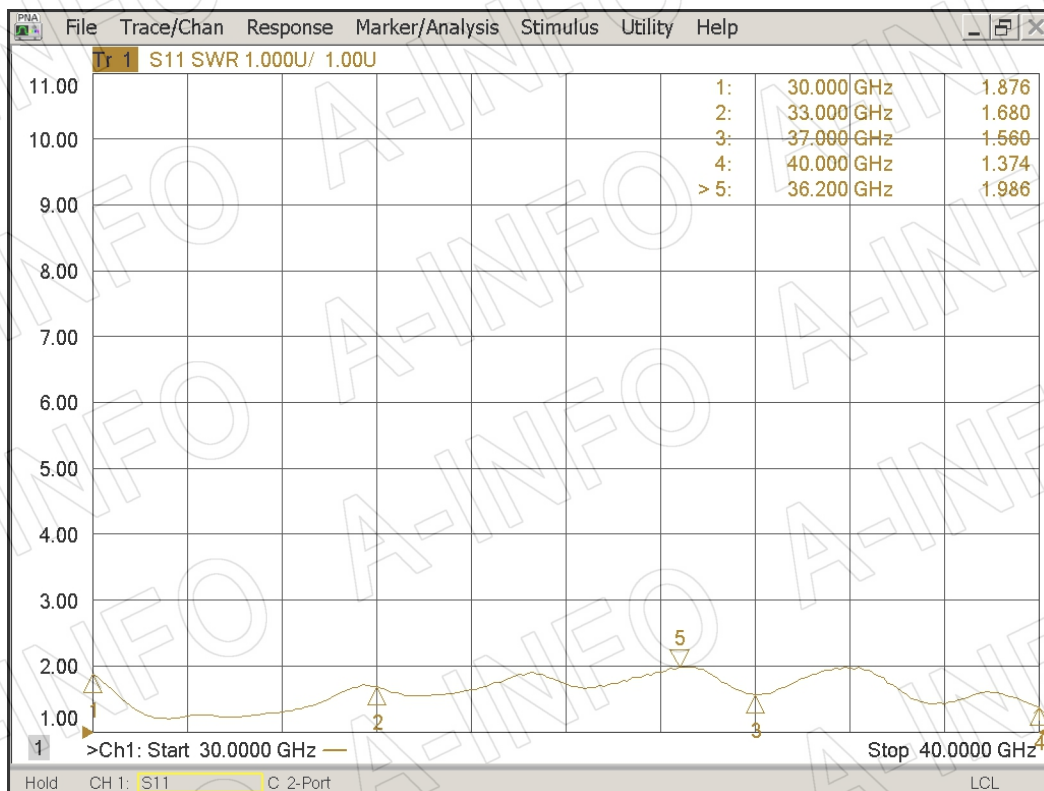


3. Port to Port Isolation

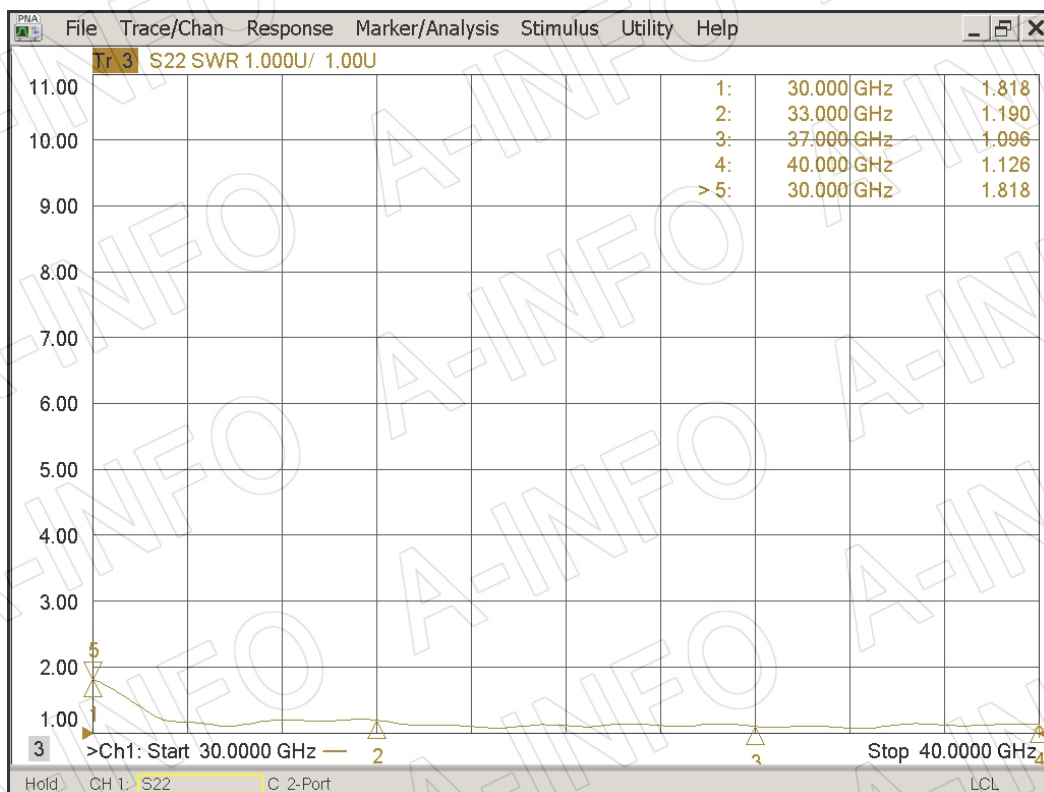


4. VSWR_A Type

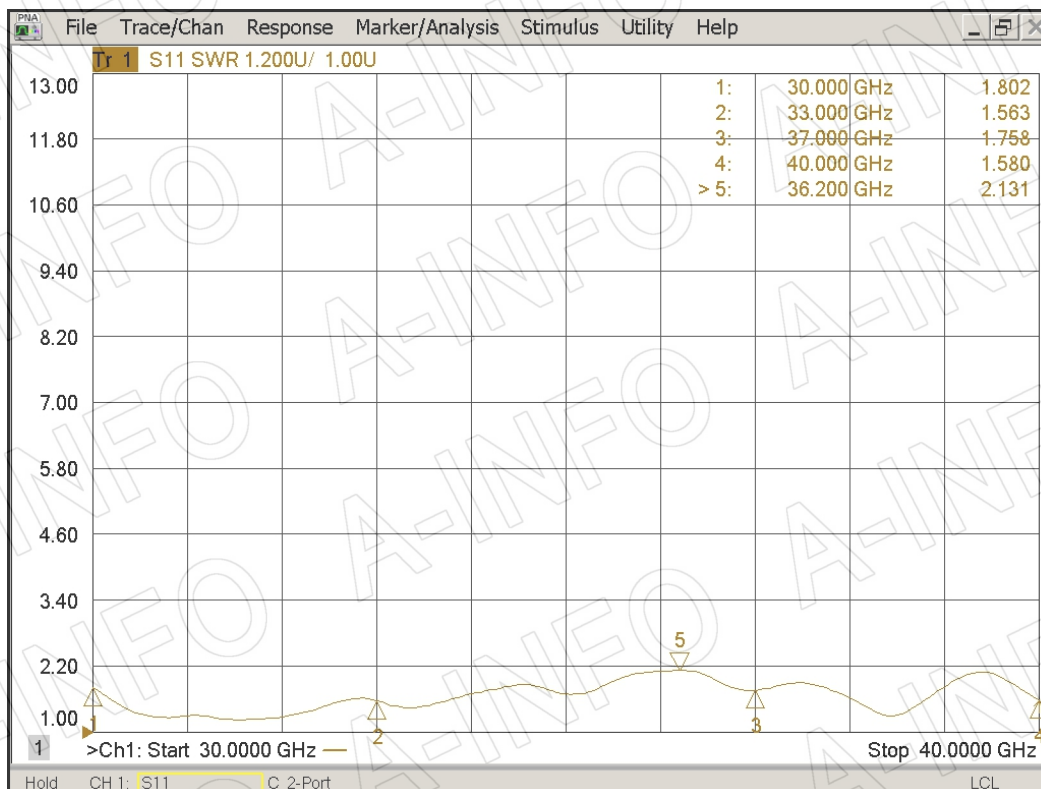
Port-H



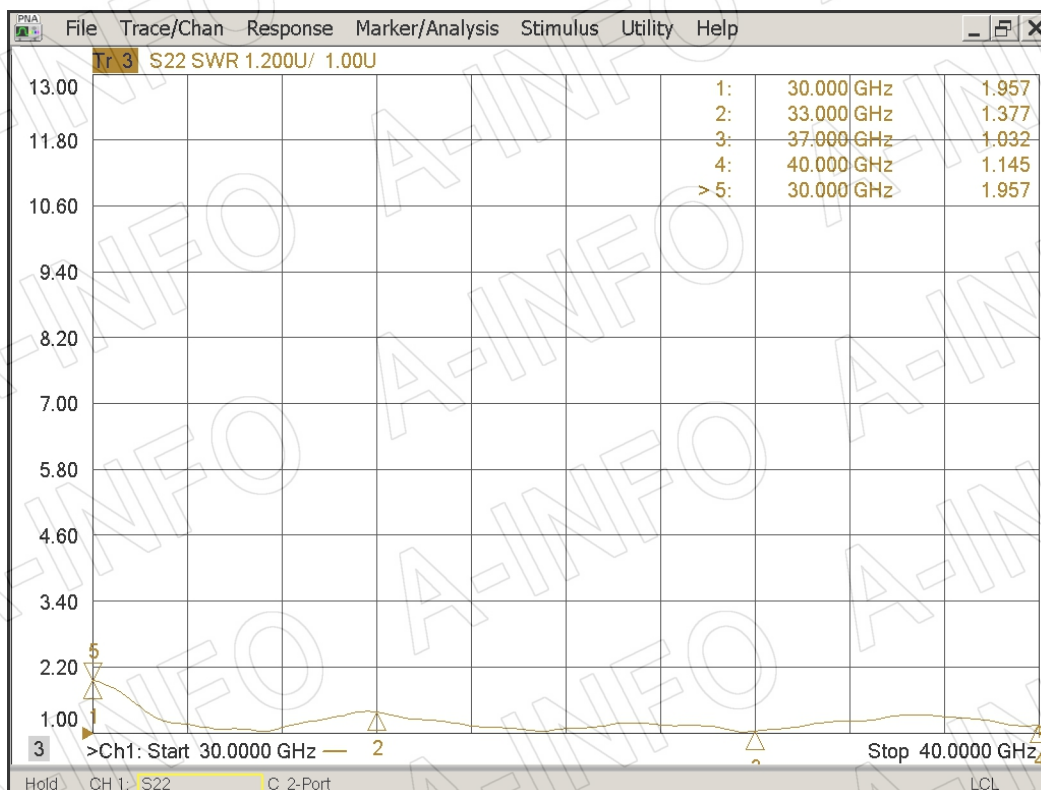
Port-V



VSWR_C Type Port-H



Port-V



5. Pattern

