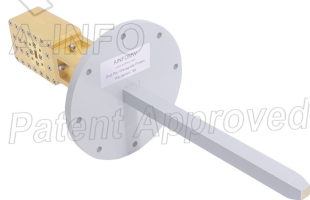


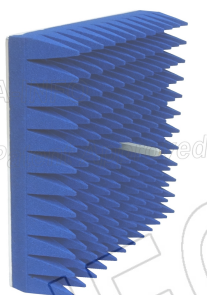
For reference only. See data sheet for the detailed specifications.

Technical Specification

28EWG-T68



28EWG-T68-A1



Frequency Range(GHz)	24.0 – 50.0
Waveguide	WR28
Gain(dBi)	8 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 57 Typ.
	H Plane: 64 Typ.
Cross Pol. Isolation(dB)	25 Typ.
Port to Port Isolation(dB)	40 Typ.
VSWR	2.0:1 Typ.
Output	FBP320(UBR320) (Modified with 4xM3 Deep3)
Material	Cu
Finish	Gold Plated, Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	28EWG-T68: 101.6 x 101.6 x 280.3
	28EWG-T68-A1: 399.6 x 399.6 x 280.3
Net Weight(Kg)	28EWG-T68: 0.51 Around
	28EWG-T68-A1: 2.65 Around

PATENT ID (US)

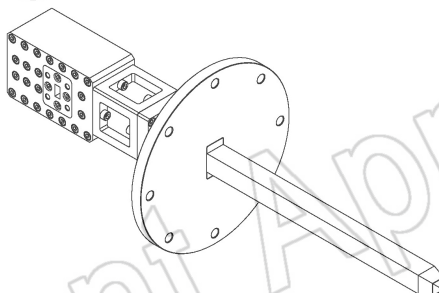
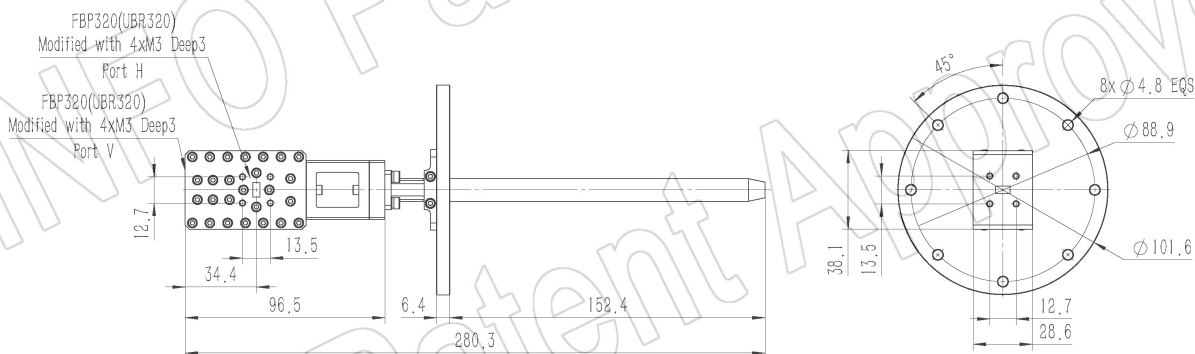
US 11031692, US 10871511, US D957336

PATENT ID (China)

ZL202020594309.9, ZL202020594305.0, ZL202030231781.1

Outline Drawing (Size: mm)

FBP320 Output(P/N: 28EWG-T68)



AINFO Inc.

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

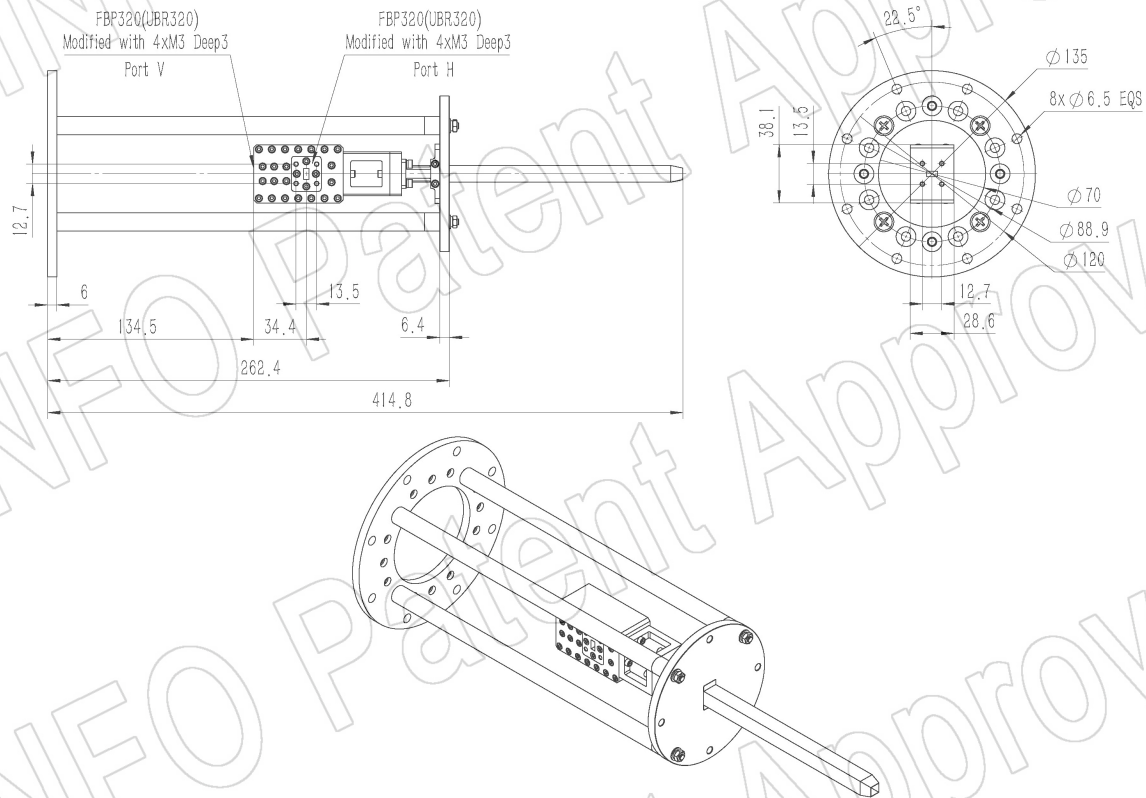
Tel: (+86) 10-6266-7326,
 Tel: (+86) 28-8519-2786,
 Tel: (+1) 949-639-9688,

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

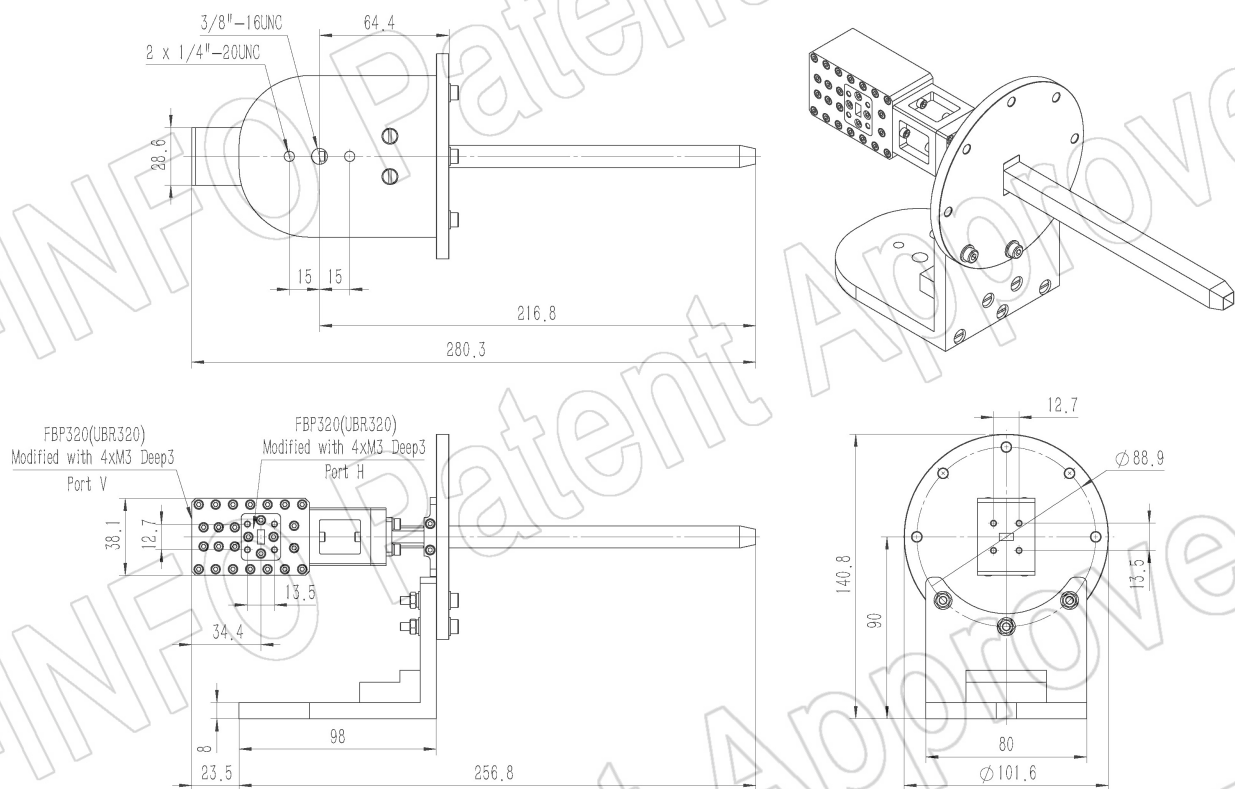
Fax: (+86) 10-6266-7379
 Fax: (+86) 28-8519-3068
 Fax: (+1) 949-639-9670

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

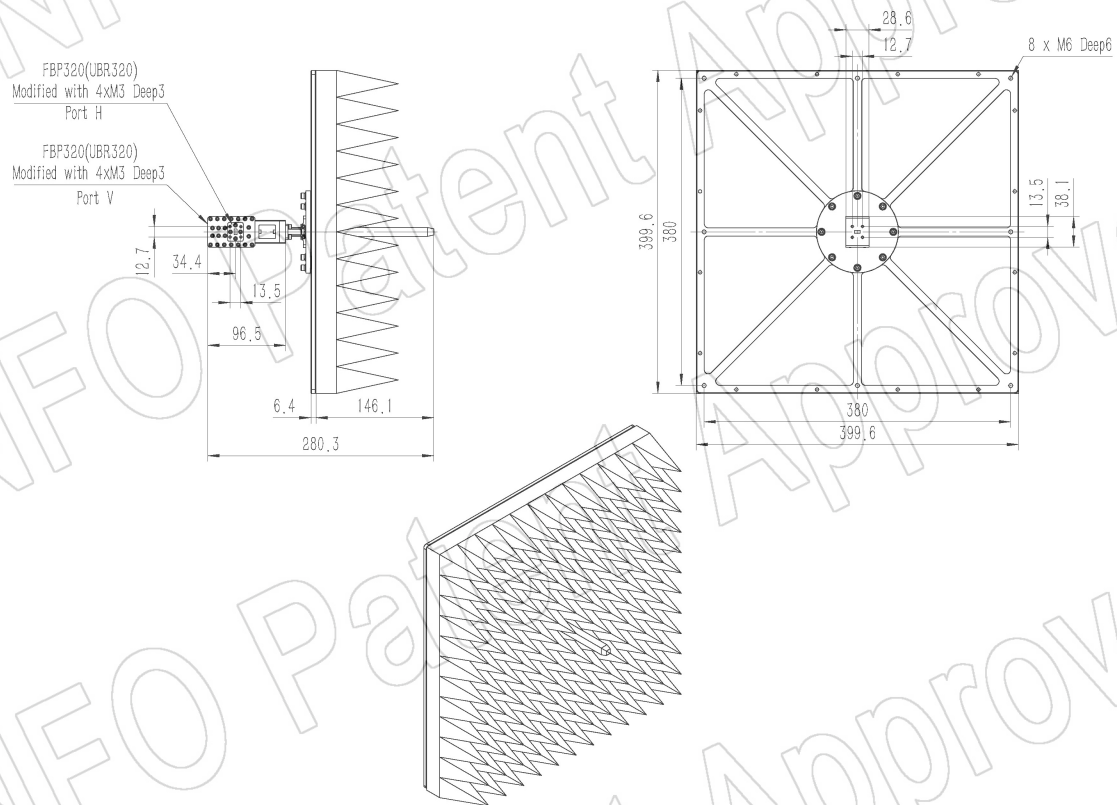
FBP320 Output with Round Type Mounting Bracket (Option, P/N:EWG-MB40)



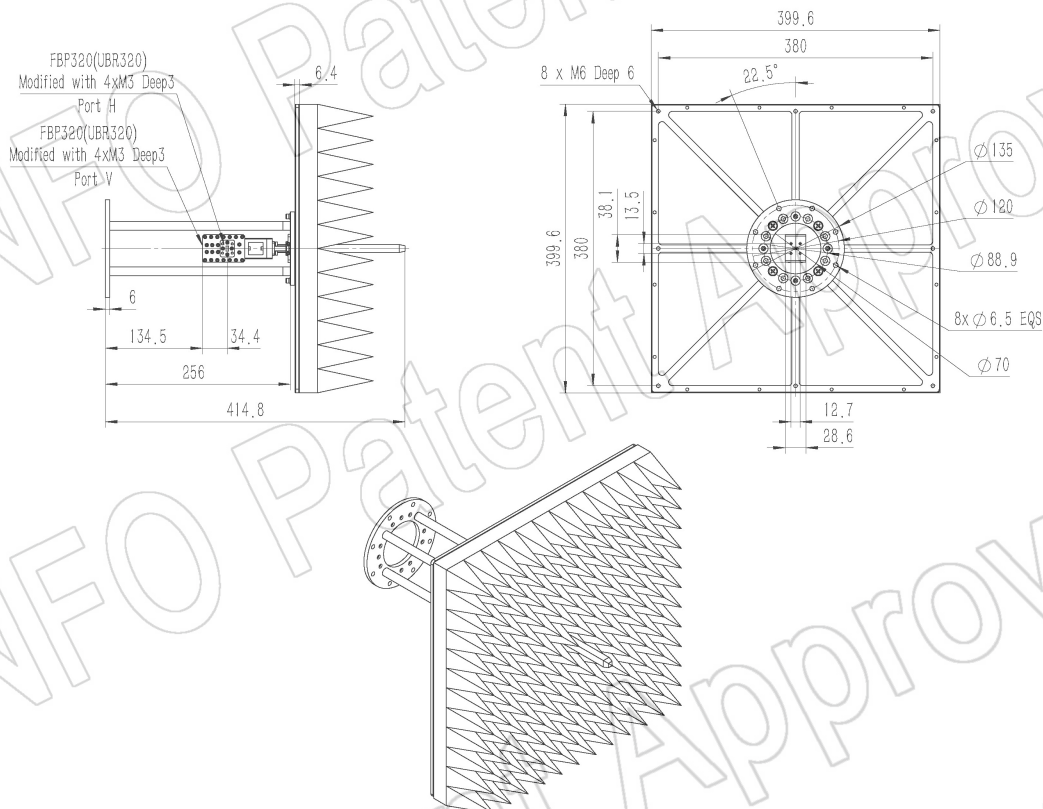
FBP320 Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FPR)



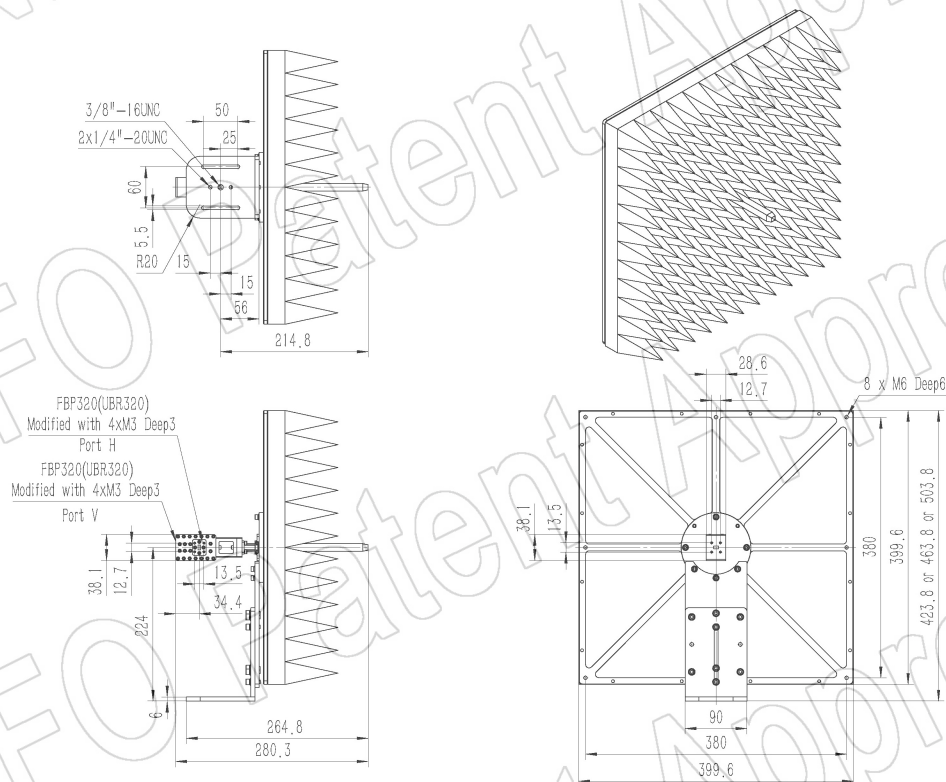
FBP320 Output, Equipped with Absorber (Option, P/N: 28EWG-T68-A1)



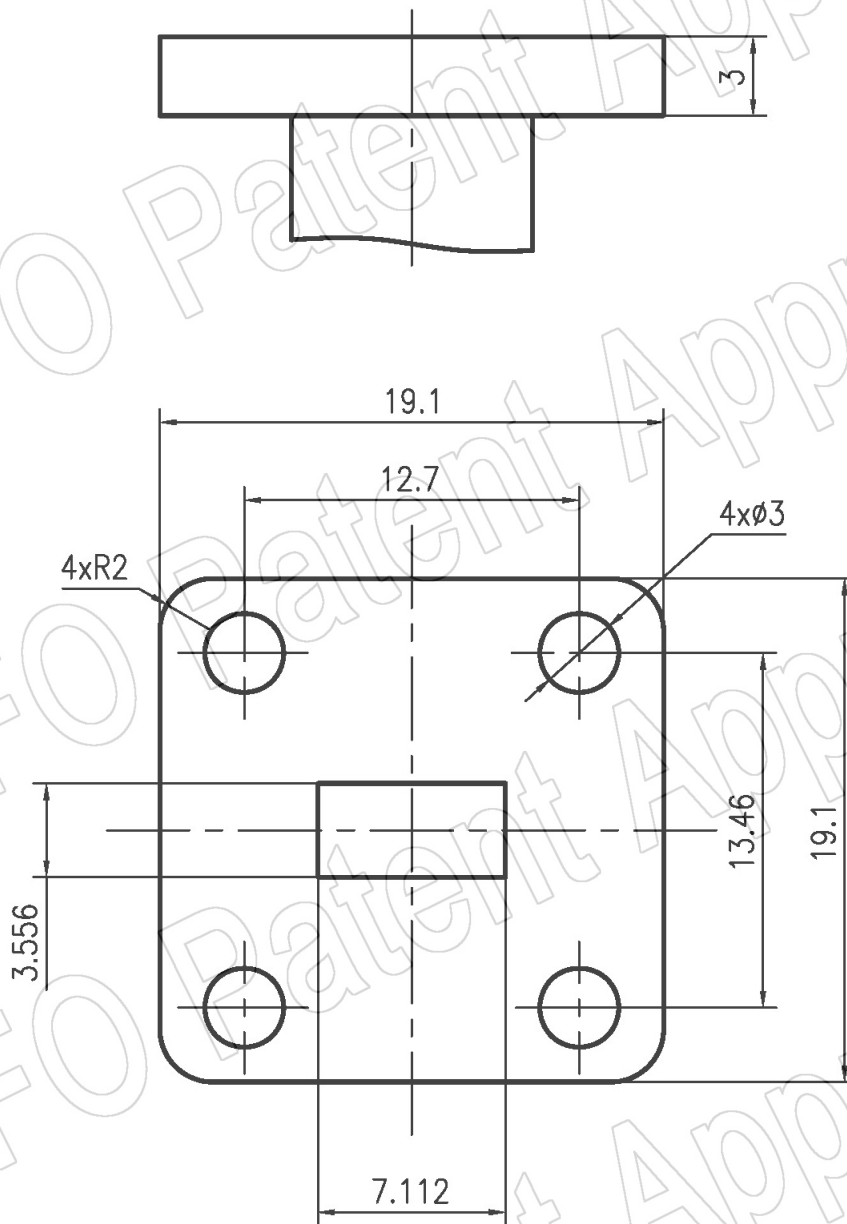
FBP320 Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & 28EWG-T68-A1)



FBP320 Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & 28EWG-T68-A1)



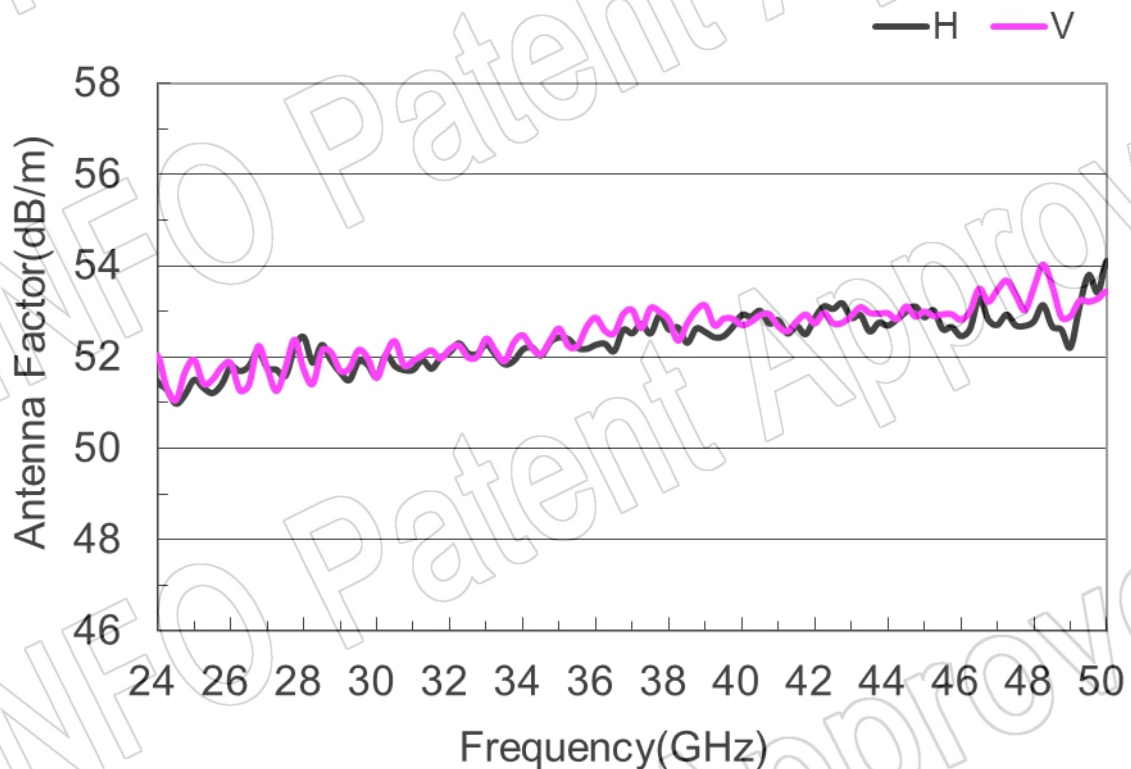
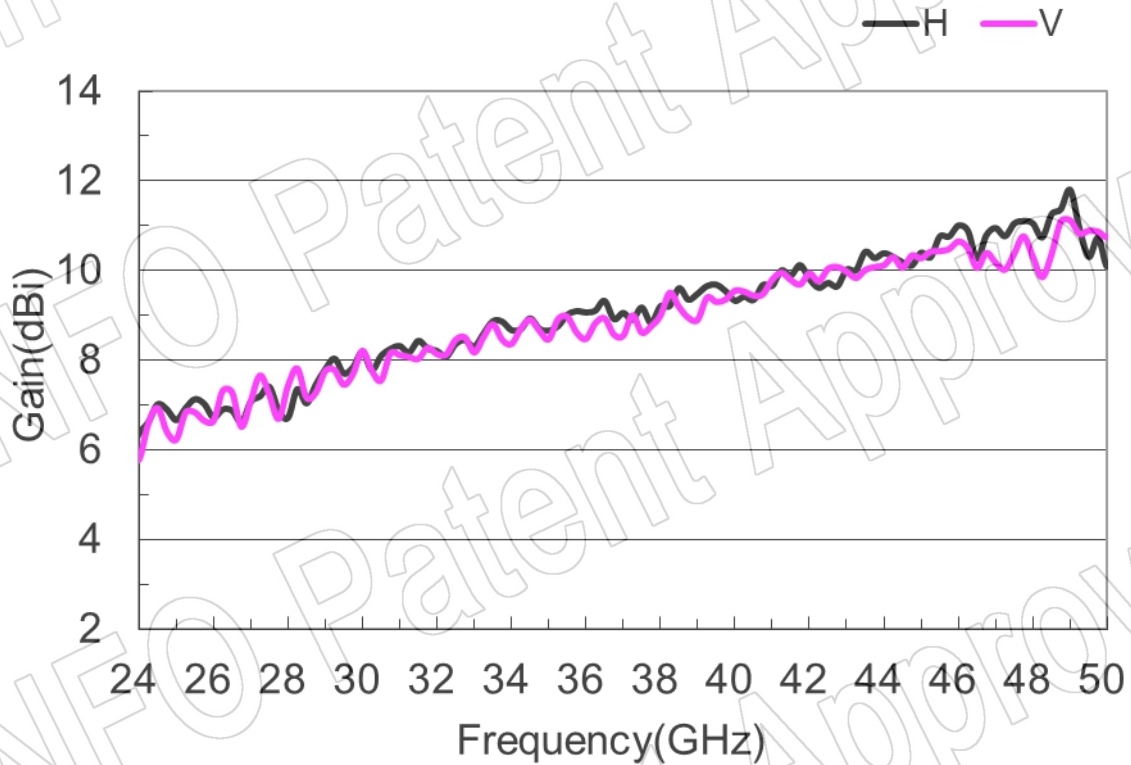
Flange Drawing (Size: mm)



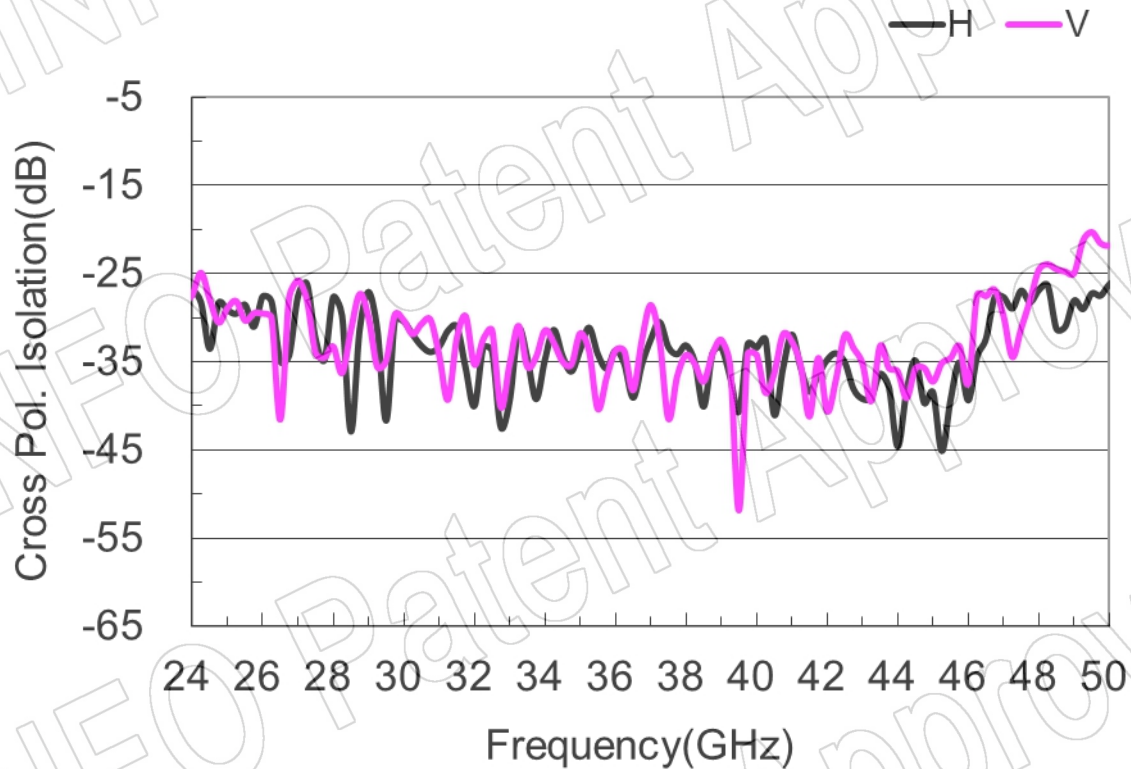
FBP320

Test Results

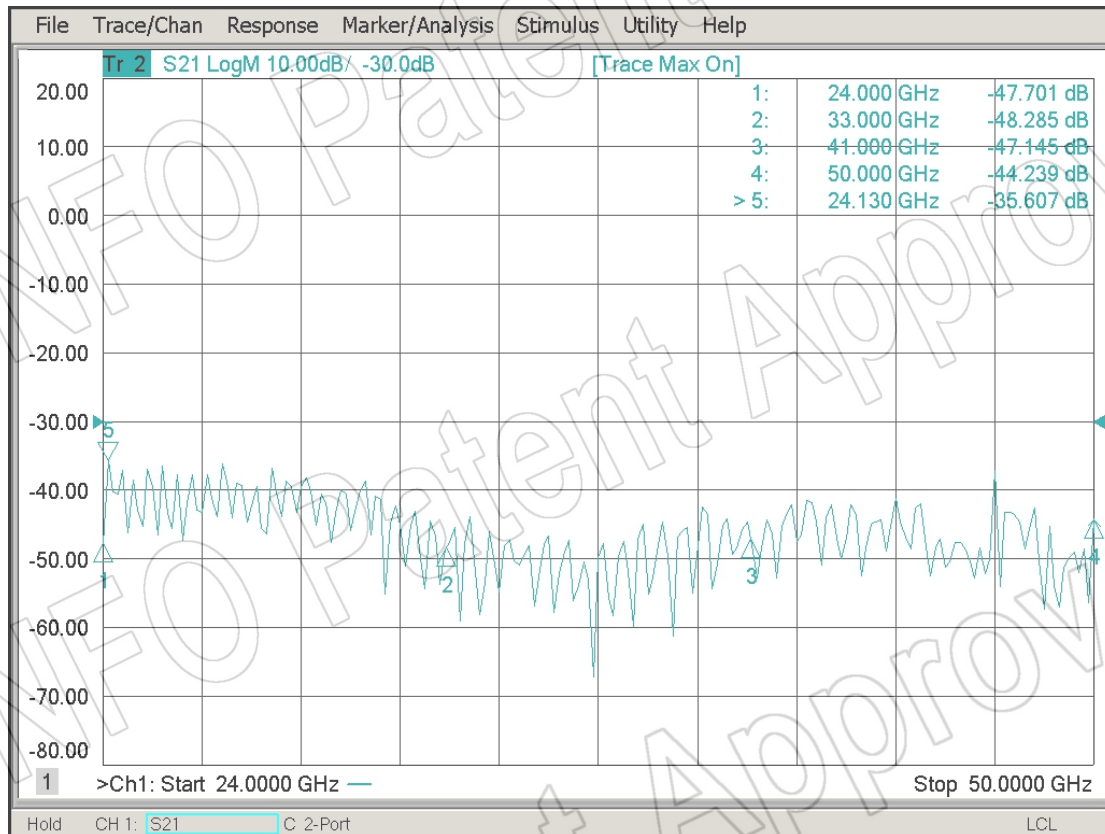
1. Gain & Antenna Factor



2. Cross Polarization Isolation

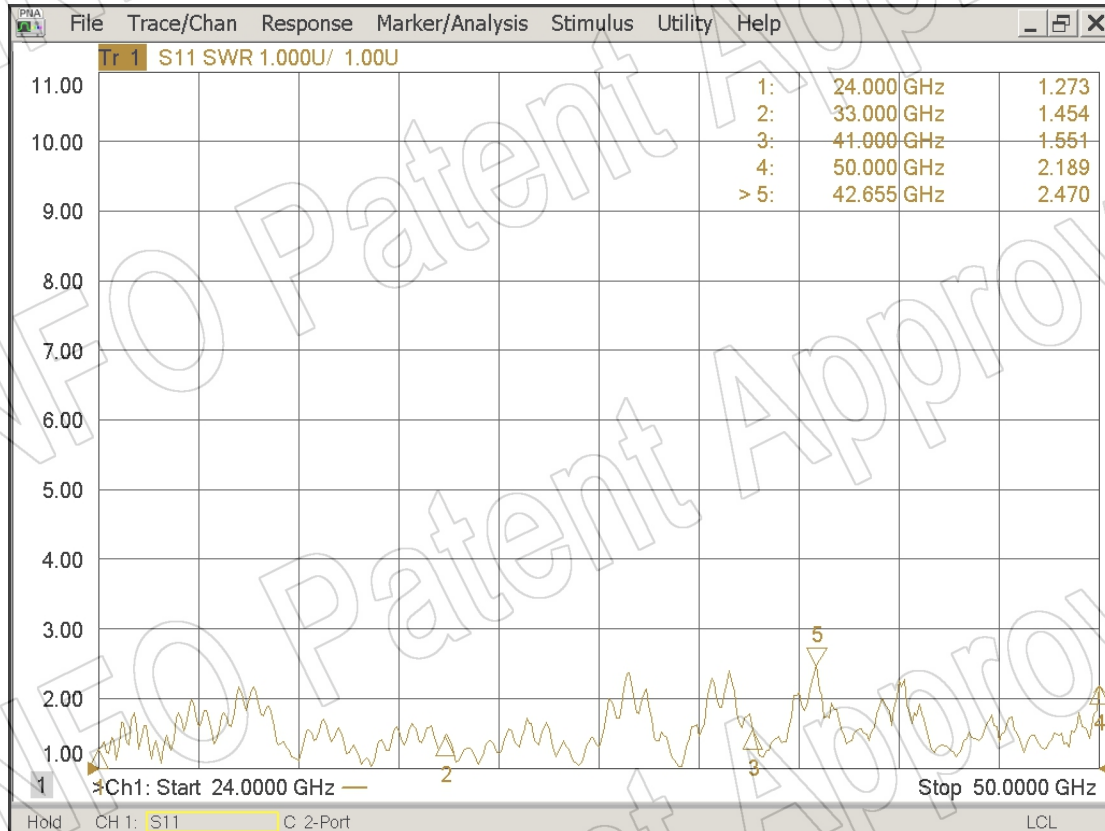


3. Port to Port Isolation

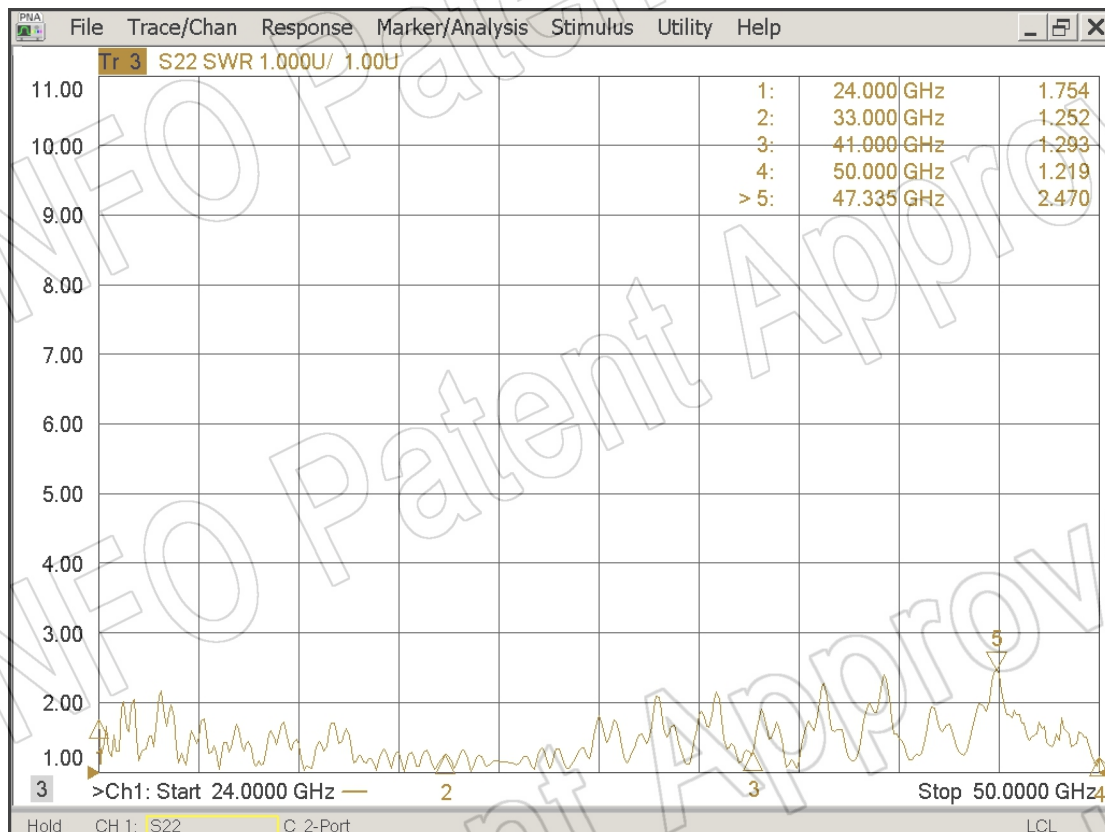


4. VSWR

Port-H



Port-V



5. Pattern

