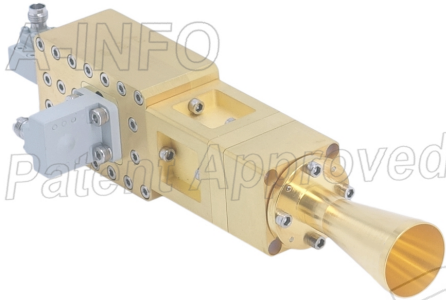


For reference only. See data sheet for the detailed specifications.

Technical Specification



Frequency Range(GHz)	24.0 – 50.0
Waveguide	WR28
Gain(dBi)	15 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 24 Typ.
	H Plane: 28 Typ.
Cross Pol. Isolation(dB)	30 Typ.; 25 Min.
Port to Port Isolation(dB)	40 Typ.; 30 Min.
VSWR	2.0:1 Typ.
	2.2:1 Max.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 Deep 3)
	C Type: 2.4mm-Female
Material	Cu
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 28.6 x 38.1 x 165.3
	C Type: 52.2 x 38.1 x 188.9
Net Weight(Kg)	A Type: 0.45 Around
	C Type: 0.49 Around

PATENT ID (US)

US 11031692, US 10871511, US D957336

PATENT ID (China)

**ZL202020594309.9, ZL202020594305.0, ZL202220615760.3
ZL202030233445.0, ZL202030233920.4, ZL202130553080.4**

AINFO Inc.

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China(Chengdu):
USA :

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

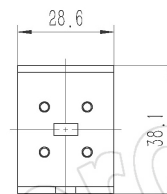
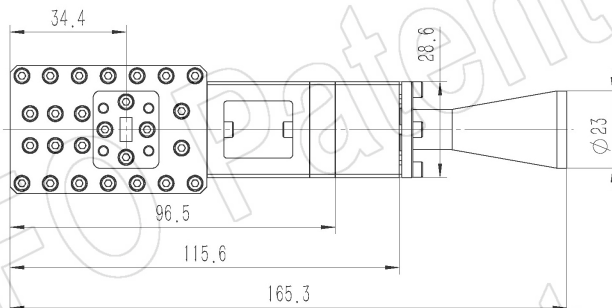
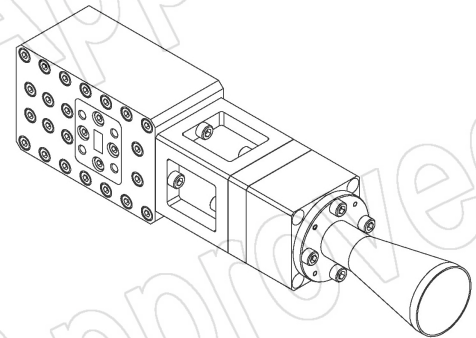
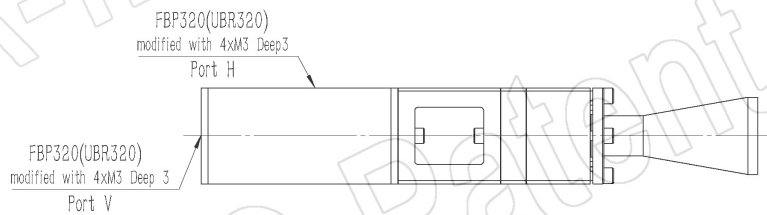
(+86) 10-6266-7327
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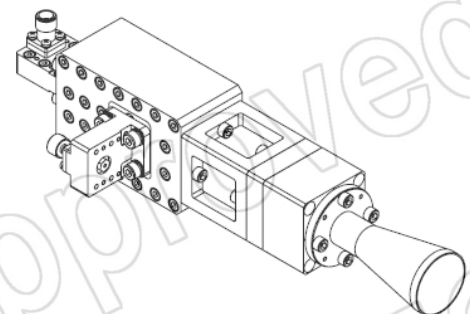
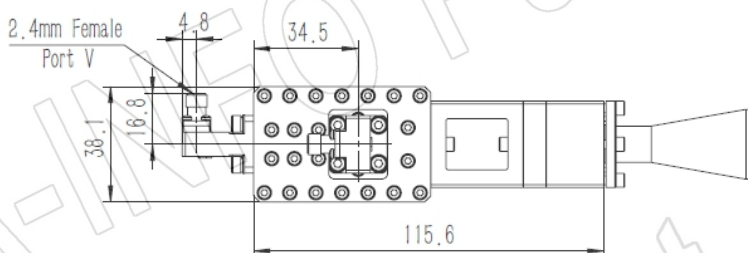
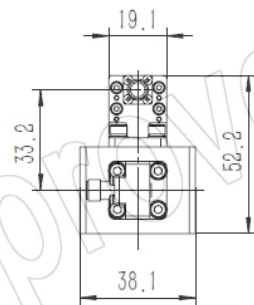
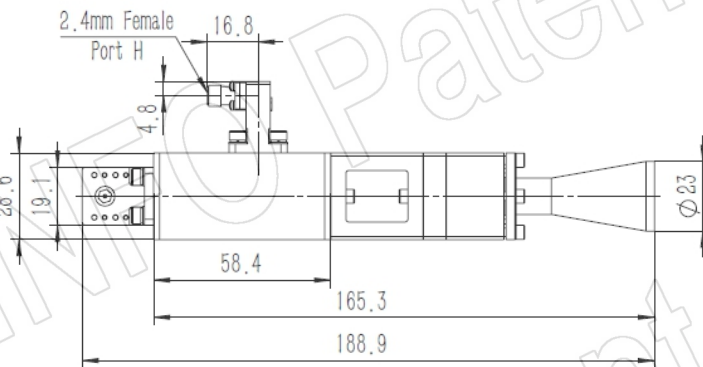
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-15-T68-A)



2.4mm-Female Output (P/N: LB-CNH-28-15-T68-C-2.4F)



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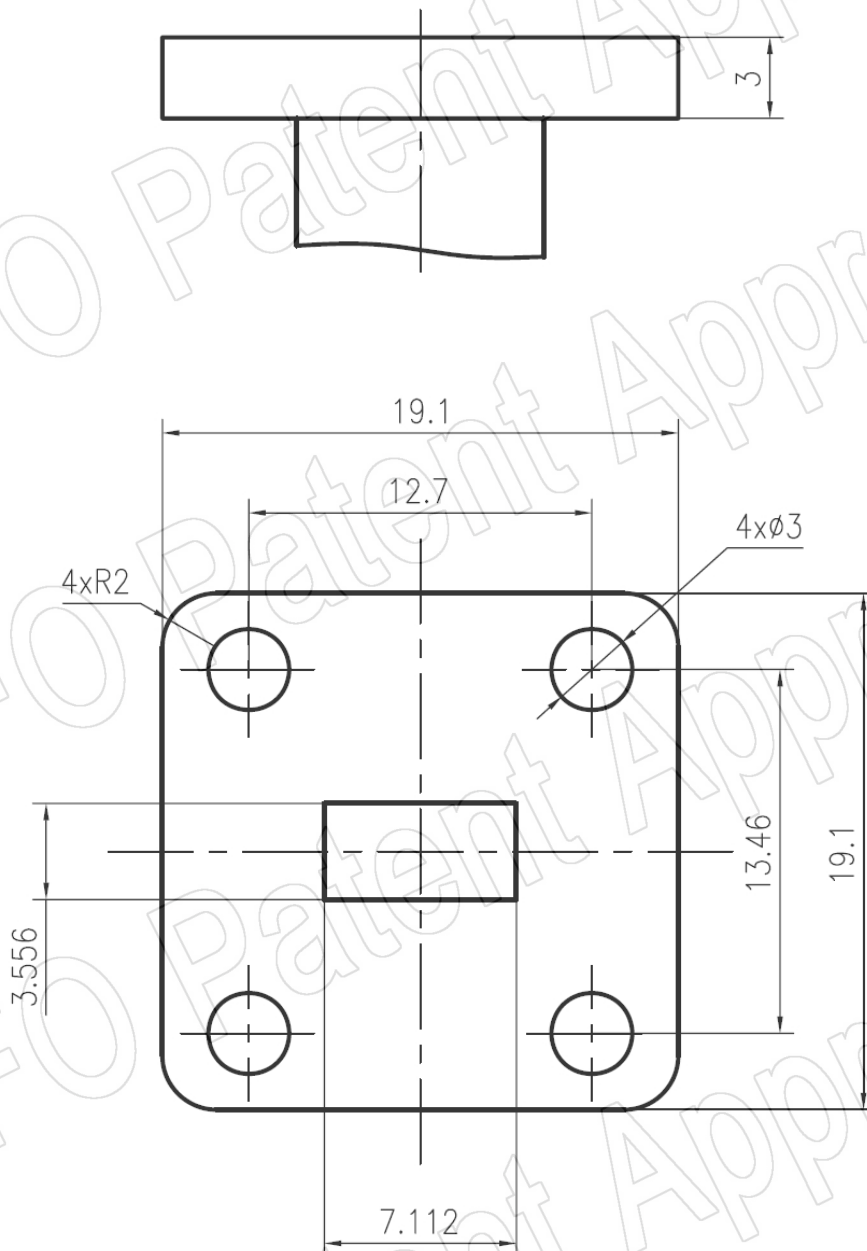
Tel: (+86) 10-6266-7326,
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Email: sales@ainfoinc.com

Flange Drawing (Size: mm)



FBP320

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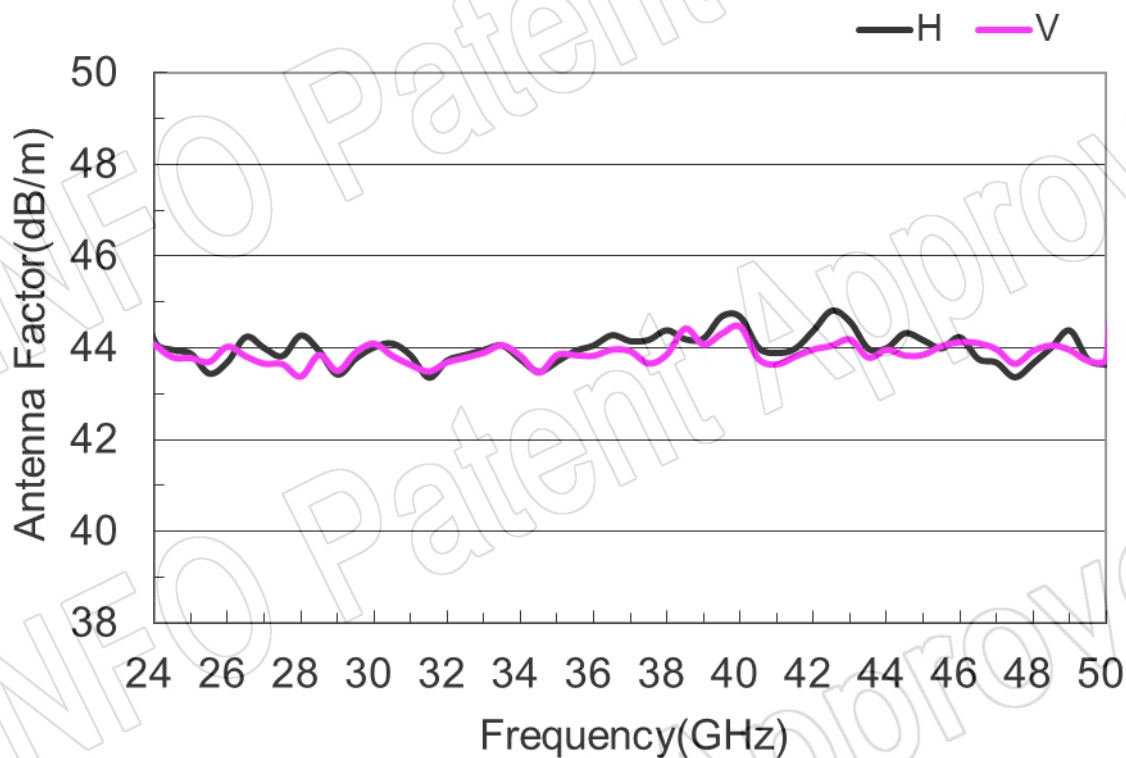
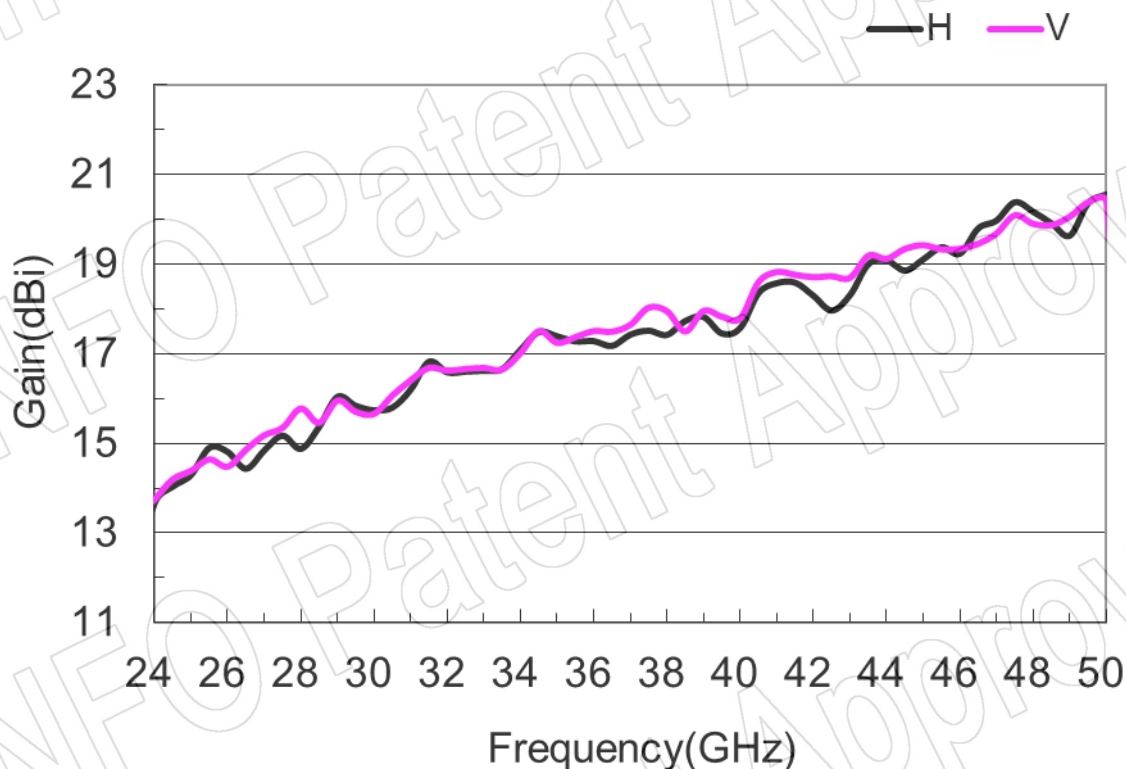
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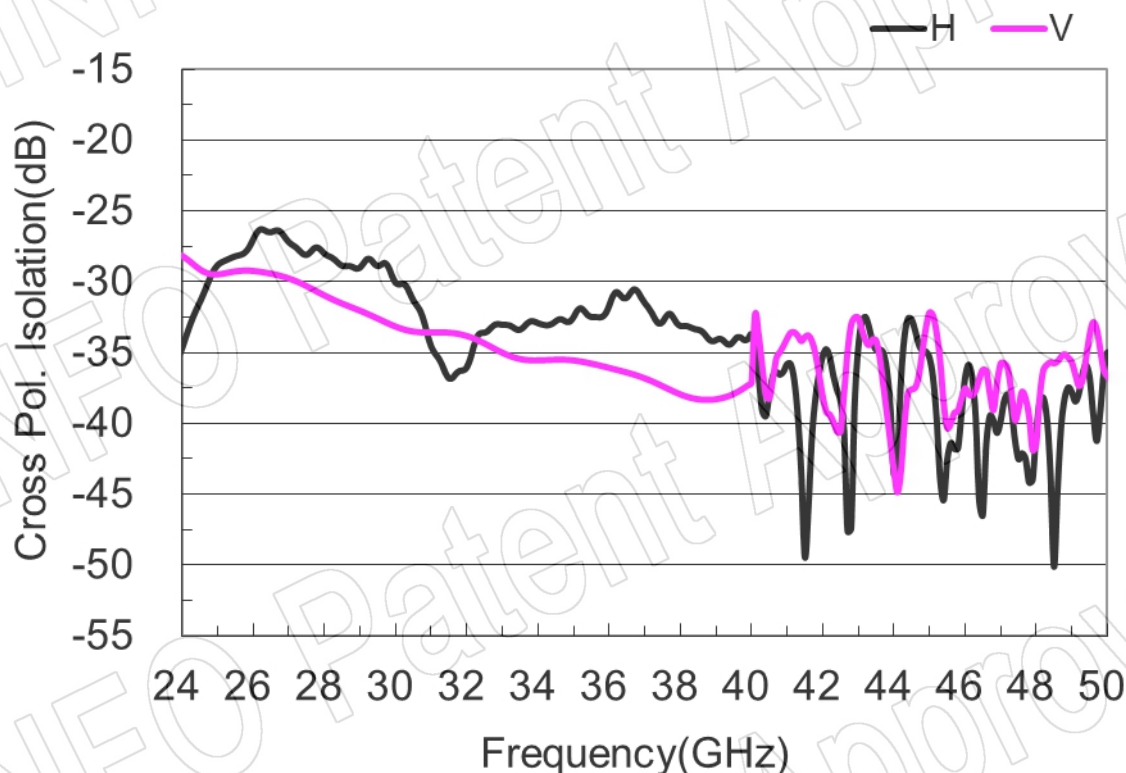
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

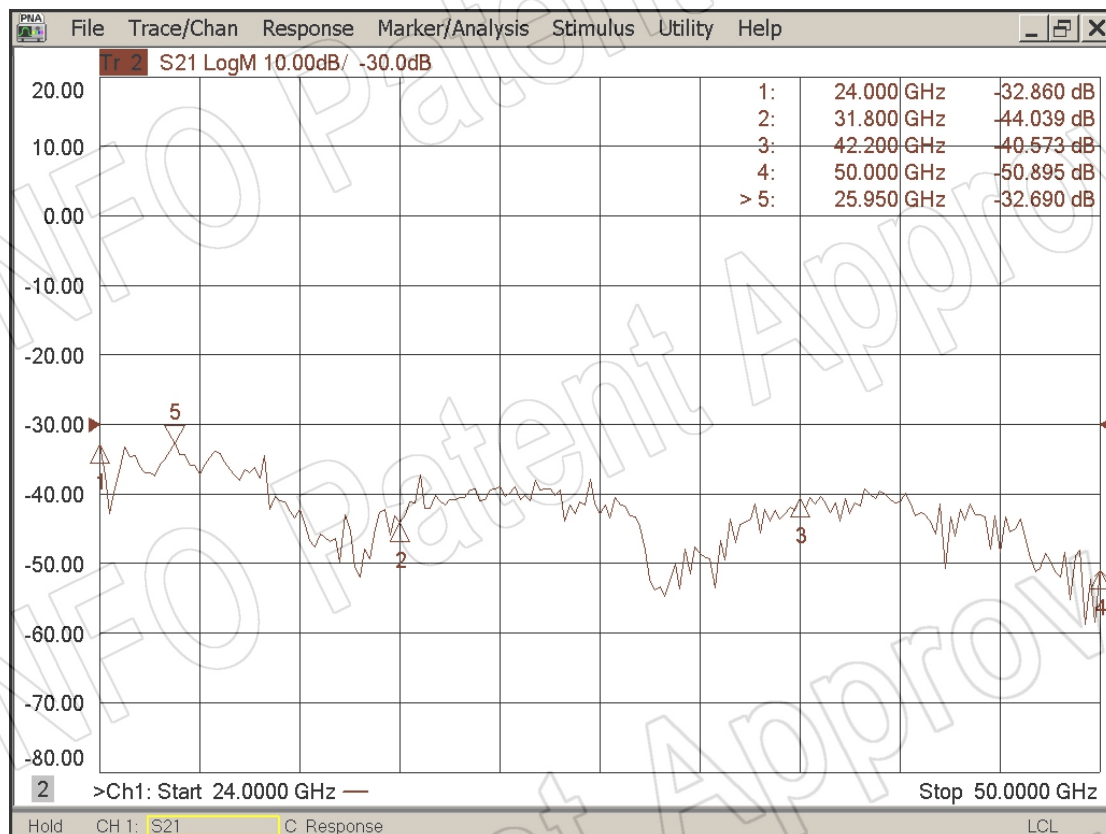
1. Gain & Antenna Factor



2. Cross Polarization Isolation

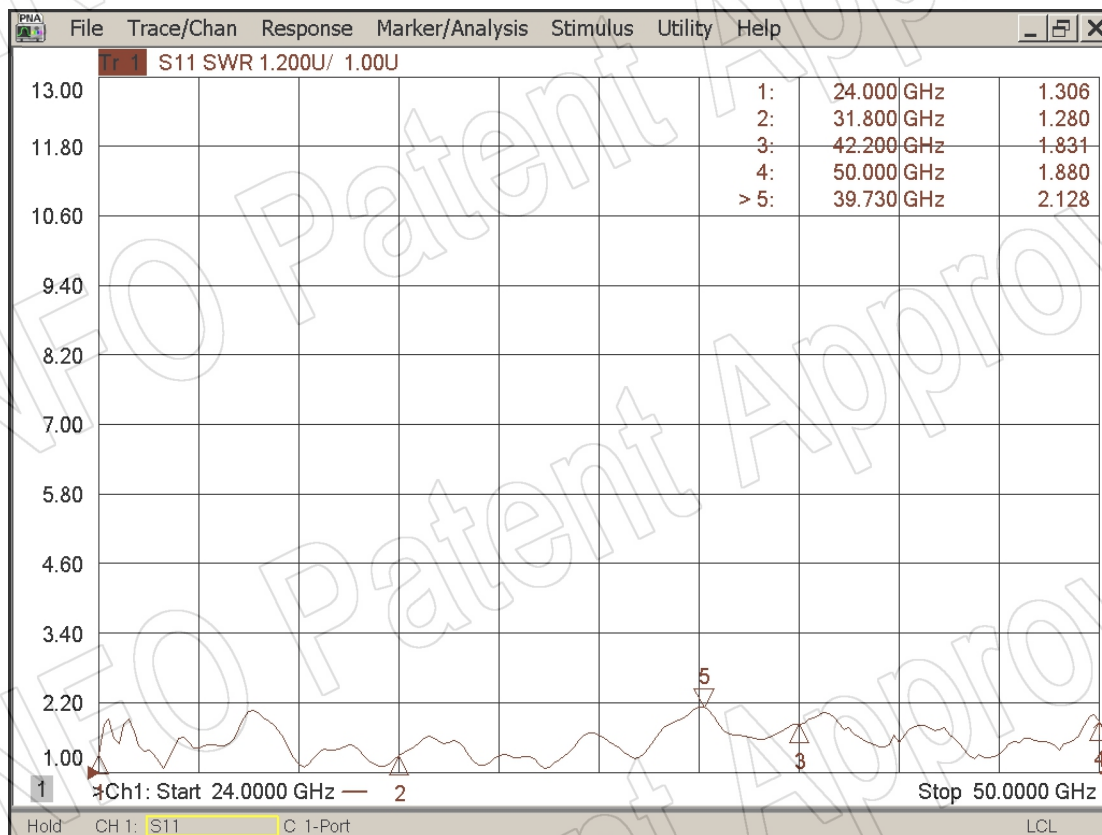


3. Port to Port Isolation

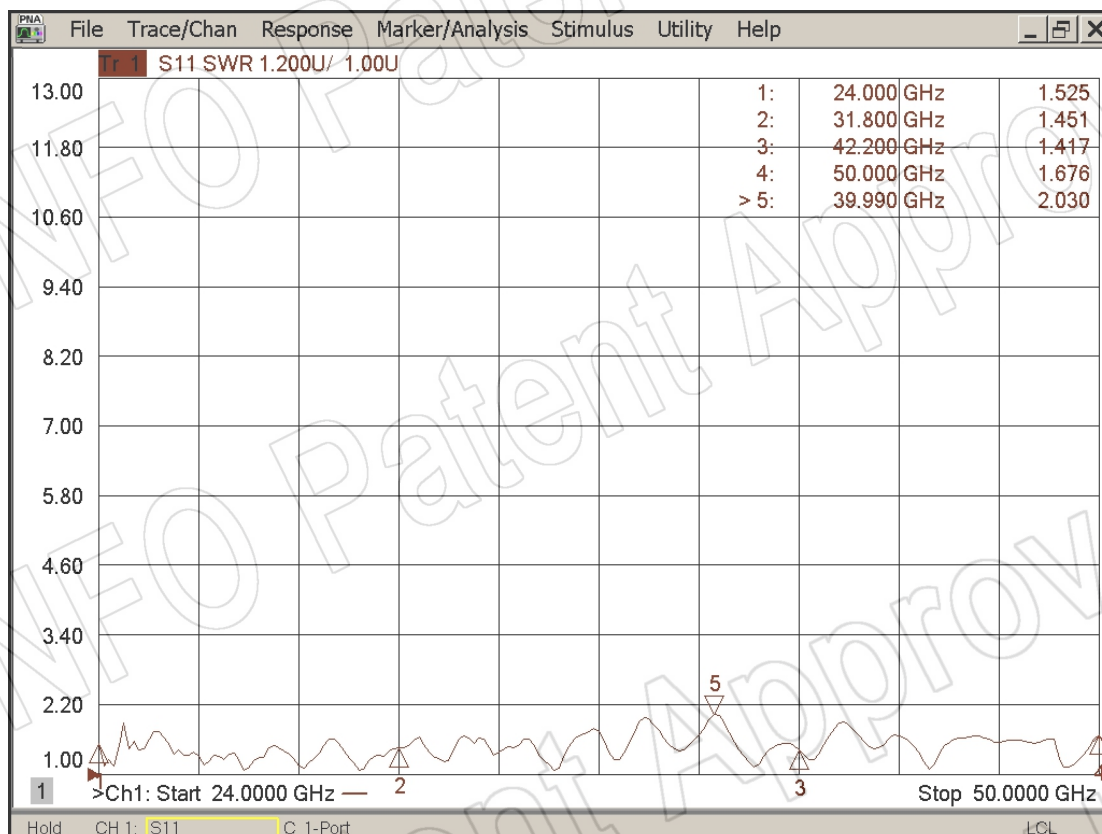


4. VSWR

Port-H



Port-V



5. Pattern

