

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

Technical Specification



Frequency Range(GHz)	22.5 – 45.0	
Waveguide	WR28	
Gain(dBi)	20 Typ.	
Polarization	Dual Linear	
3dB Beamwidth(deg)	E Plane:	11 Typ.
	H Plane:	13 Typ.
Cross Pol. Isolation(dB)	35 Typ.	
Port to Port Isolation(dB)	45 Typ. ; 35 Min.	
VSWR	A Type:	2.0:1 Max.
	C Type:	2.4:1 Max.
Output	A Type:	FBP320(UBR320) (Modified with 4xM3 D3.5)
	C Type:	2.4mm-Female or 2.92mm-Female
Material	Al	
Finish	Gold Plated, Gary Paint	
Size(mm)	A Type:	50.3 x 50.3 x 213.8
	C Type:	62.3 x 50.3 x 236.6
Net Weight(Kg)	A Type:	0.31 Around
	C Type:	0.38 Around

PATENT ID (US)

US 11031692, US 10871511

PATENT ID (China)

**ZL202020594309.9, ZL202120369753.5,
ZL202220615760.3, ZL202130553080.4**

AINFO Inc.

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China(Chengdu):
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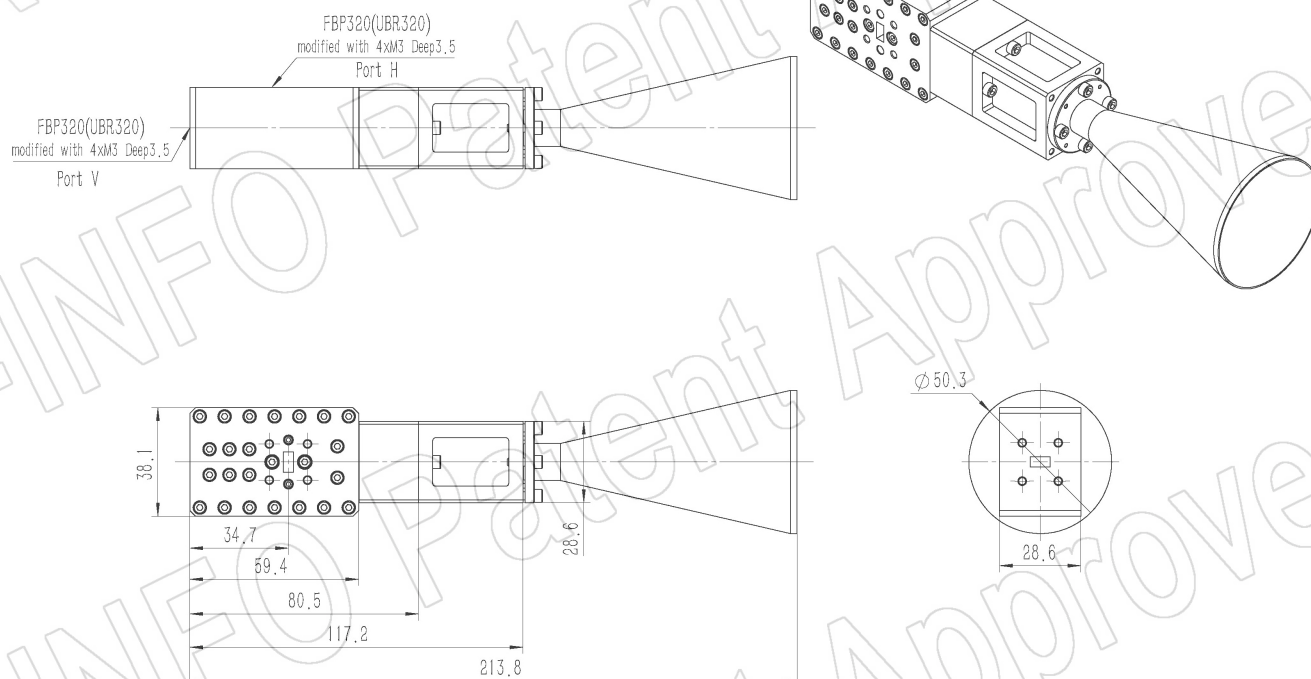
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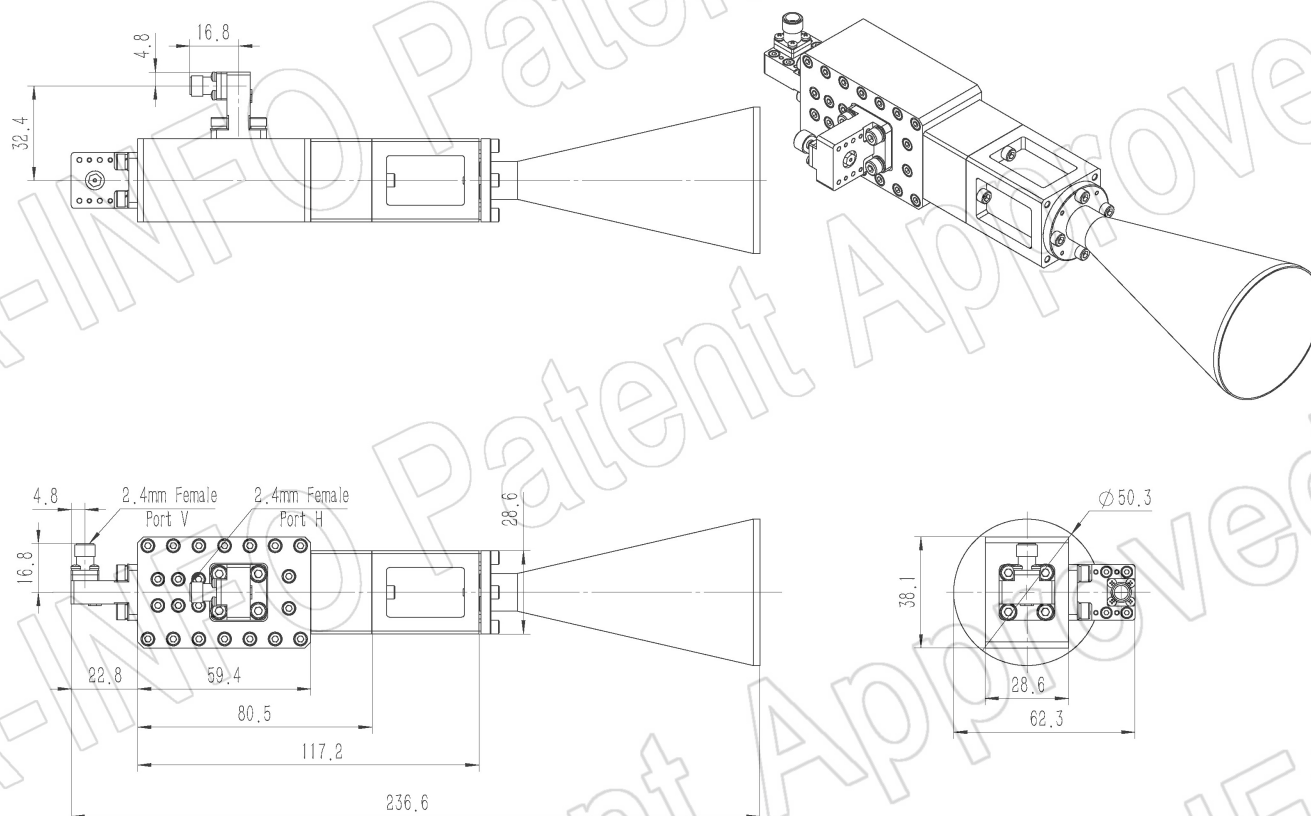
Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-20-T64-A)



2.4mm-Female Output (P/N: LB-CNH-28-20-T64-C-2.4F)

For 2.92mm-Female output outline drawing, please contact A-INFO.



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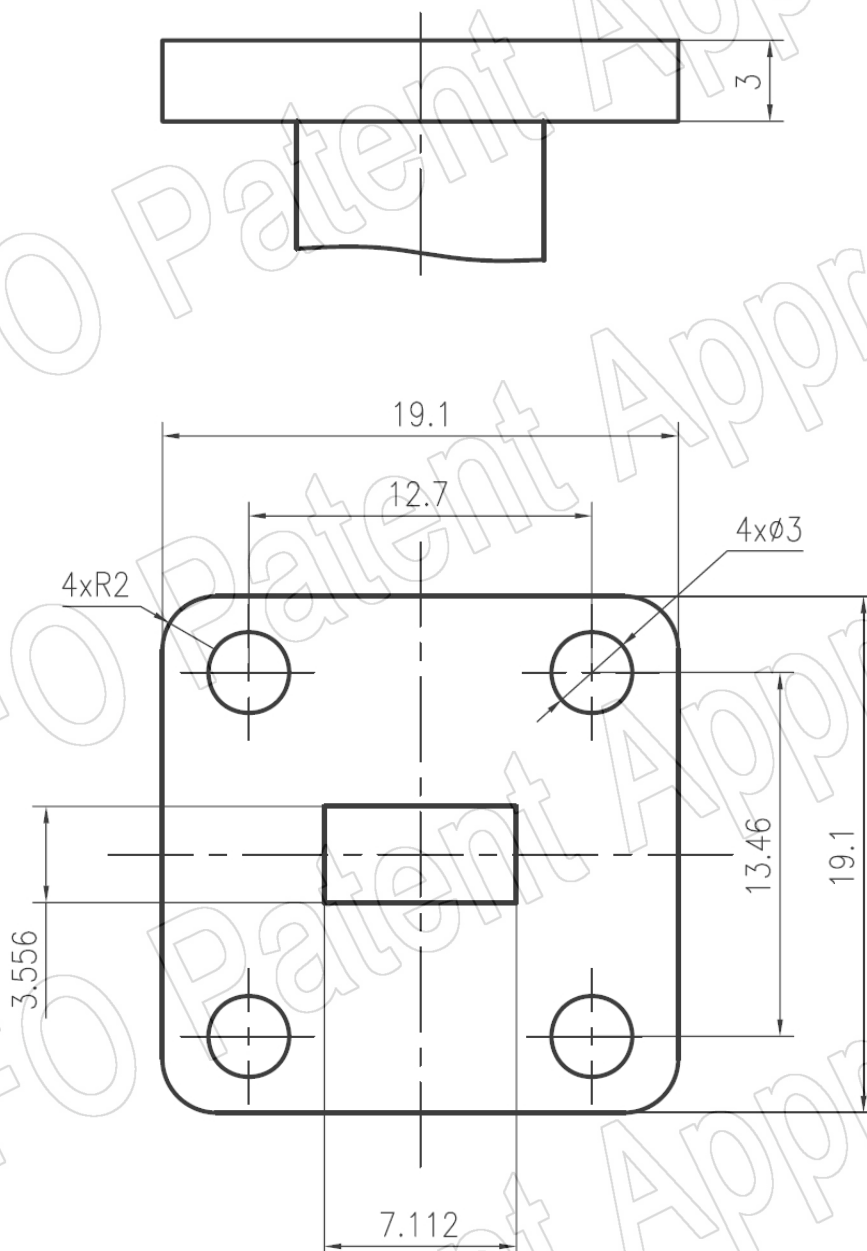
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Flange Drawing (Size: mm)



FBP320

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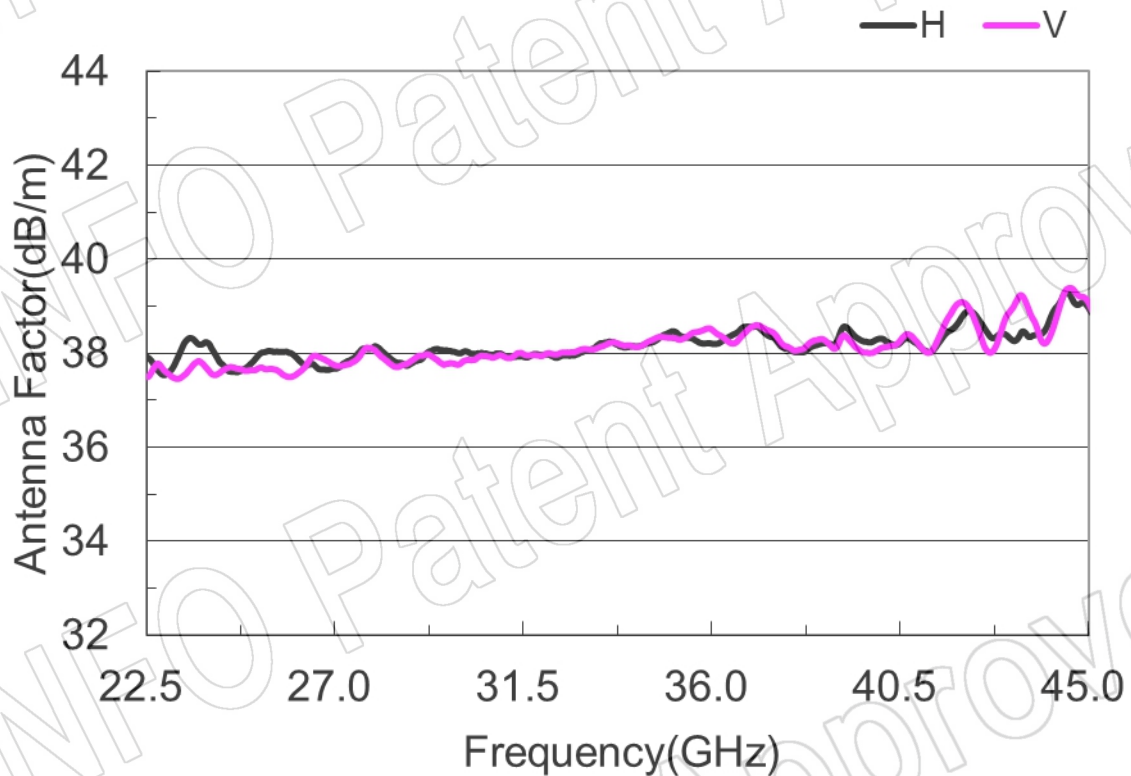
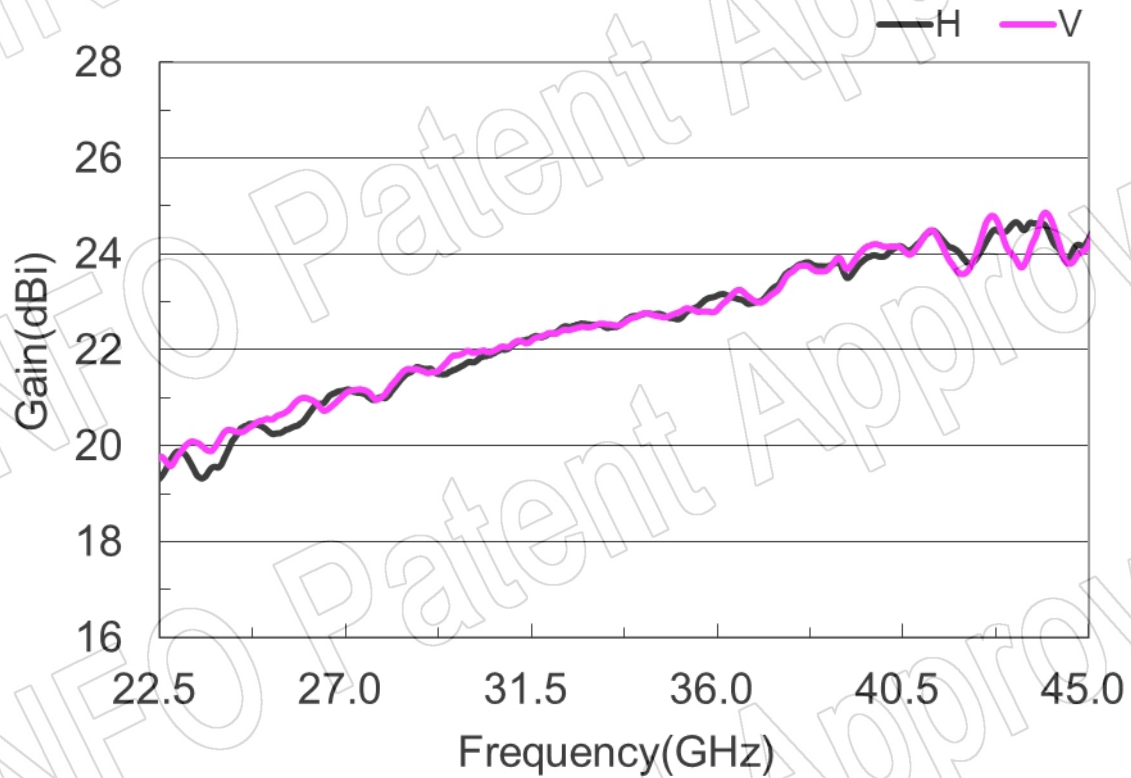
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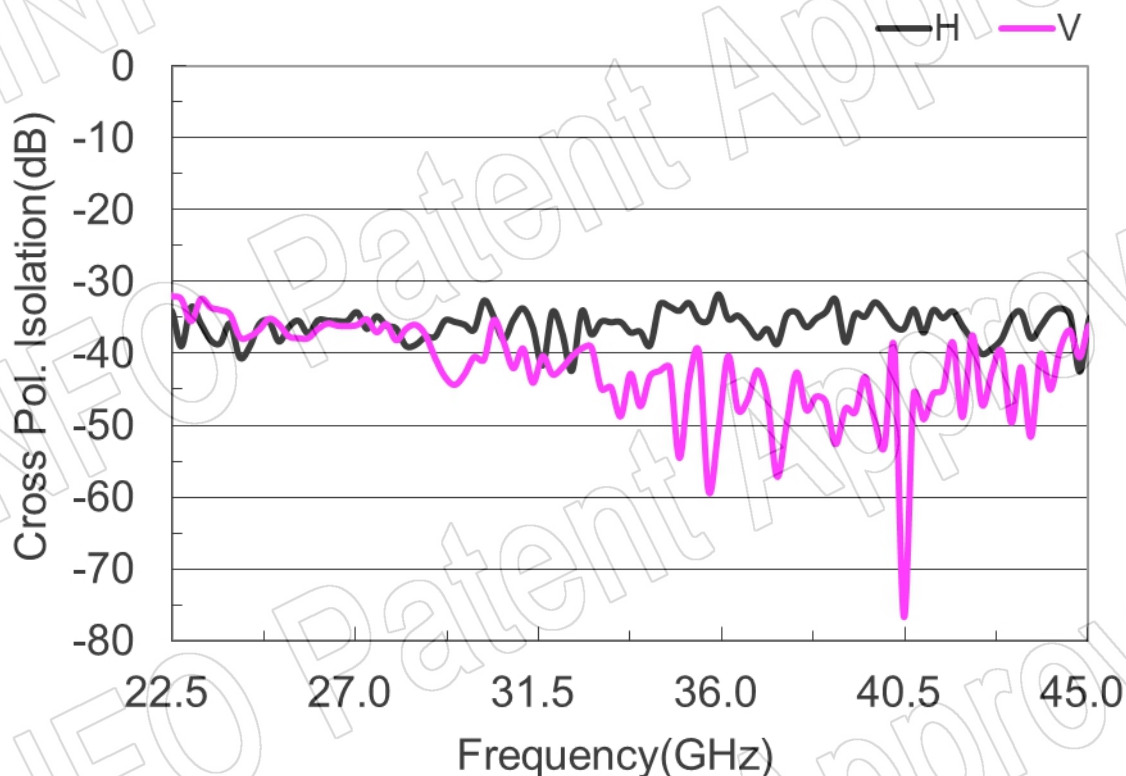
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Test Results

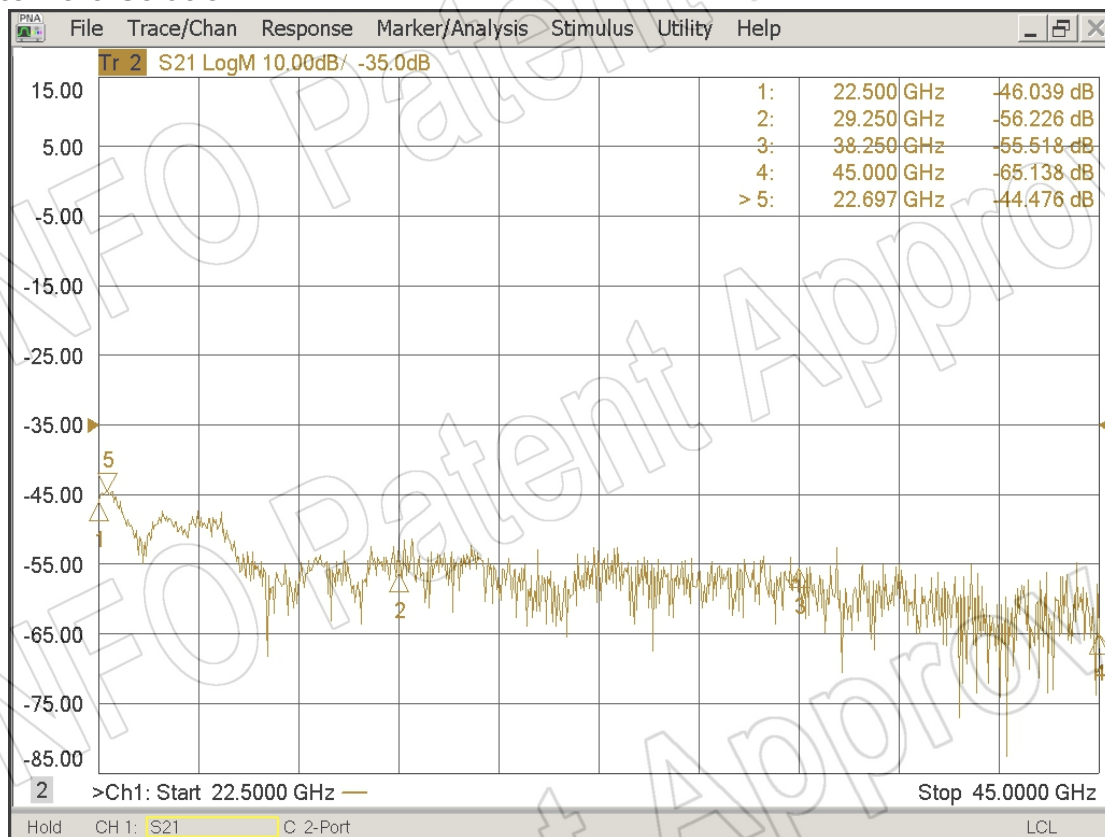
1. Gain & Antenna Factor



2. Cross Polarization Isolation

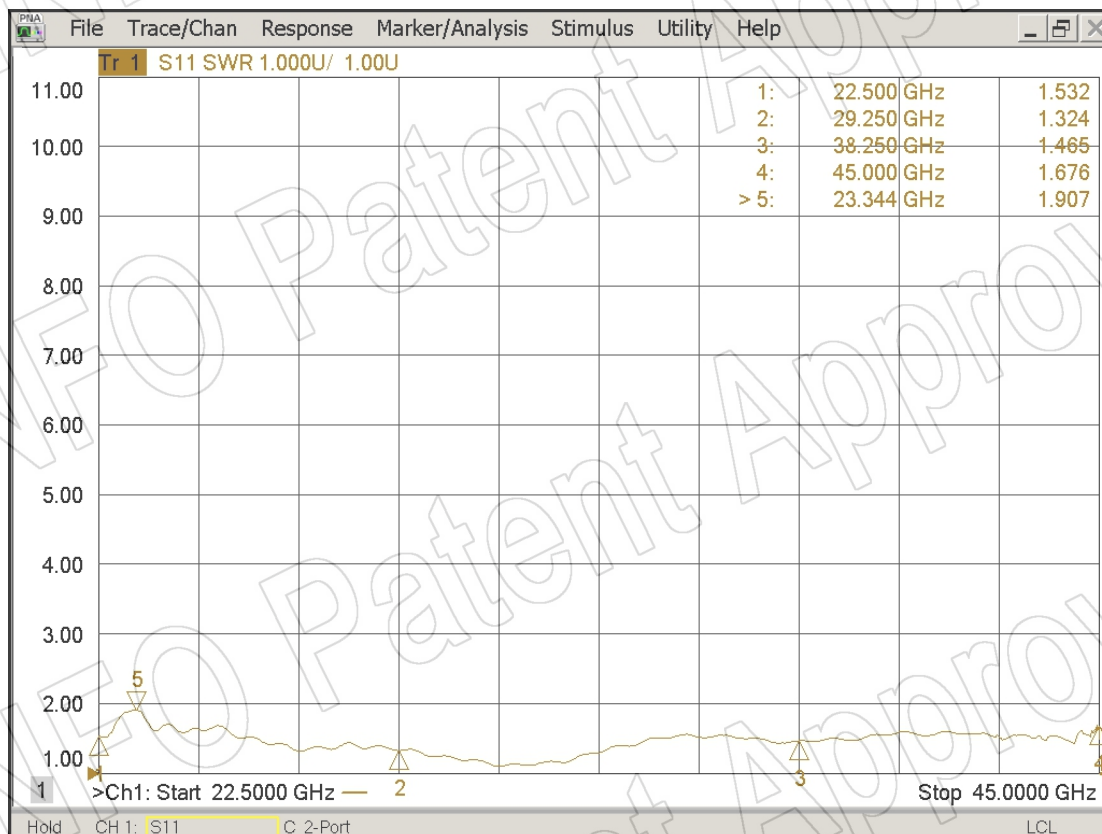


3. Port to Port Isolation

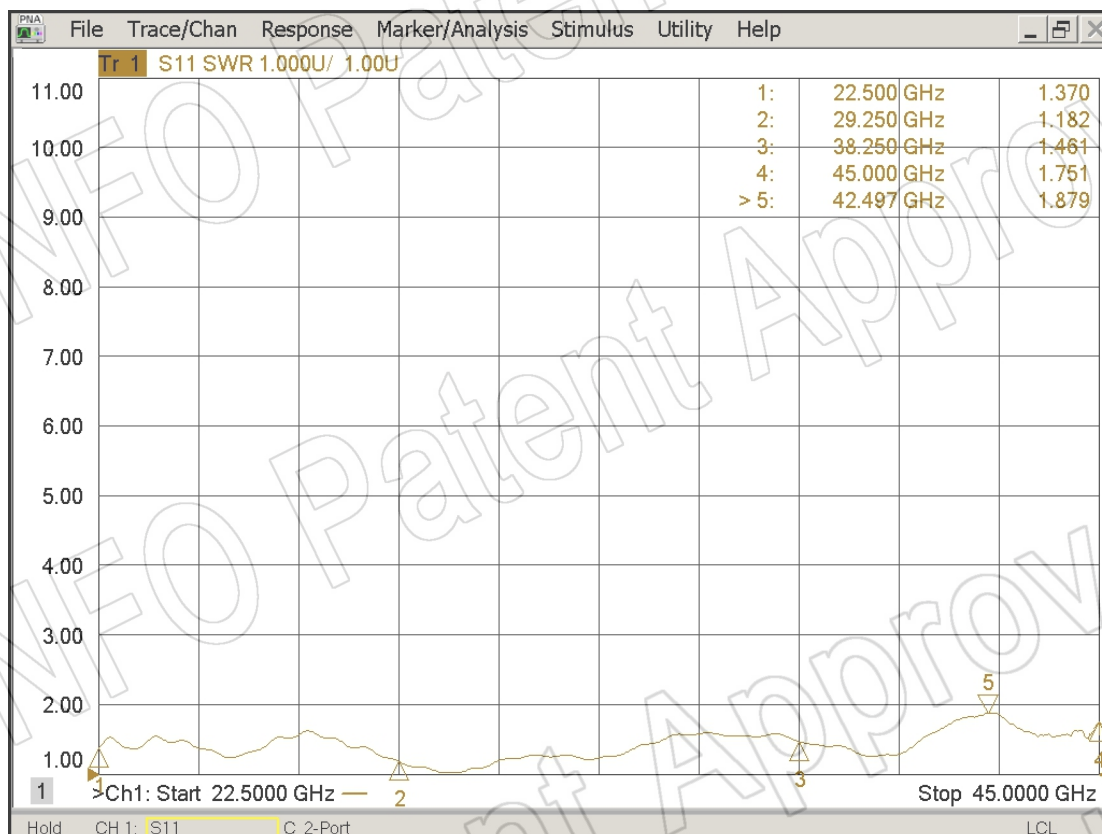


4. VSWR_A Type

Port-H



Port-V



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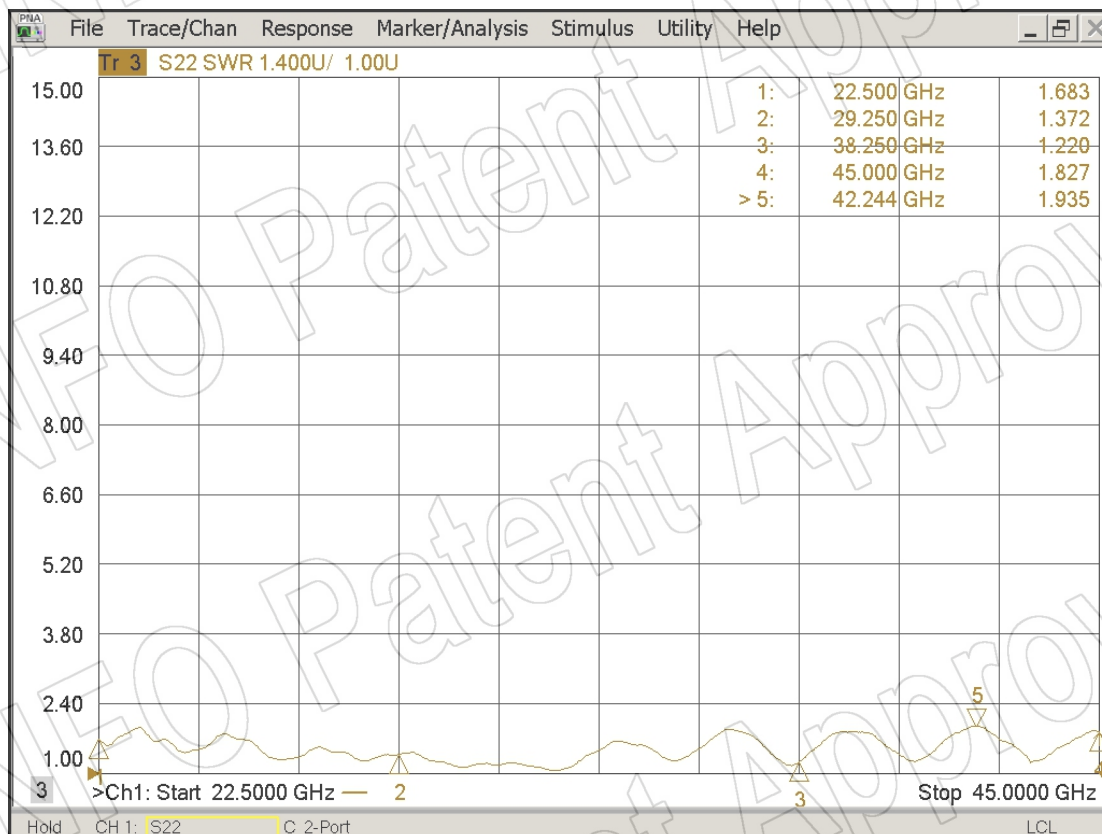
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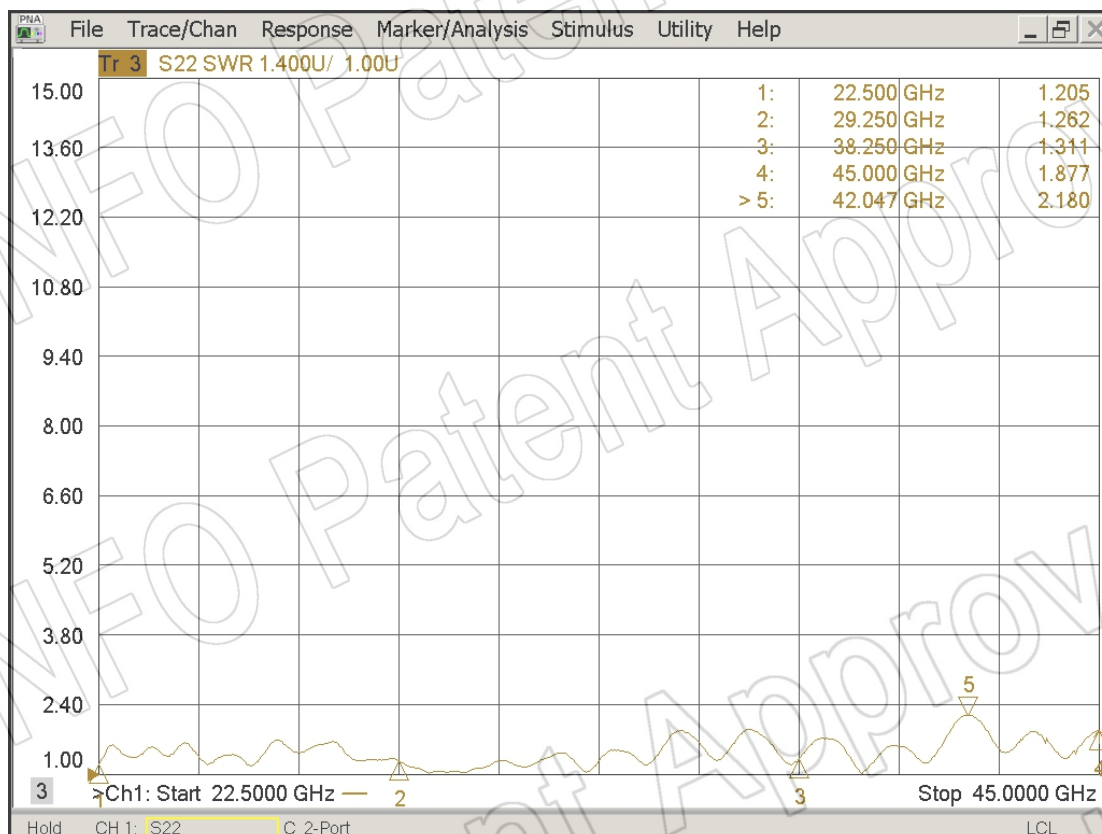
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VSWR_C Type

Port-H



Port-V



5. Pattern

