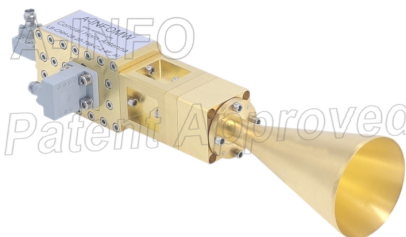


For reference only. See data sheet for the detailed specifications.

Technical Specification



Frequency Range(GHz)	24.0 – 50.0
Waveguide	WR28
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 11 Typ.
	H Plane: 12 Typ.
Cross Pol. Isolation(dB)	40 Typ.; 35 Min.
Port to Port Isolation(dB)	40 Typ.; 30 Min.
VSWR	A Type: 2.20:1 Max.
	C Type: 2.20:1 Max.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 Deep 3)
	C Type: 2.4mm-Female
Material	Al
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 47.5 x 47.5 x 199.37
	C Type: 61.7 x 47.5 x 222.99
Net Weight(Kg)	A Type: 0.34 Around
	C Type: 0.38 Around

PATENT ID (US)

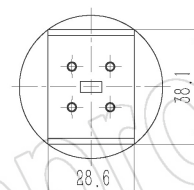
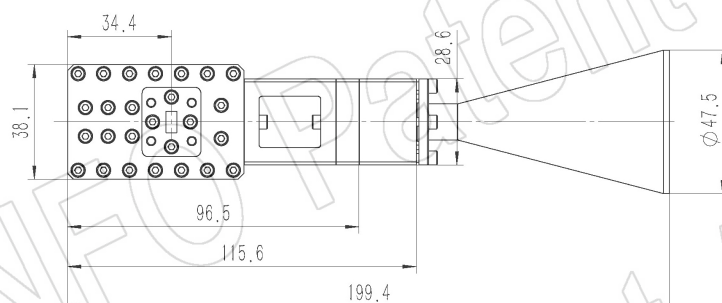
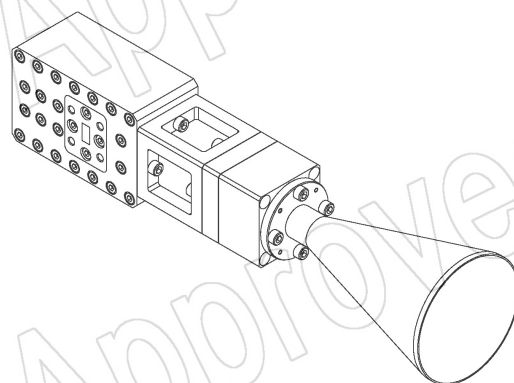
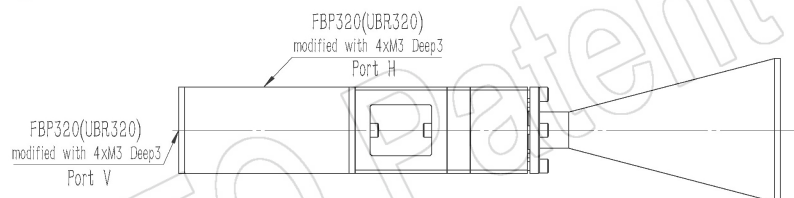
US 11031692, US 10871511, US D957336, US D1006800

PATENT ID (China)

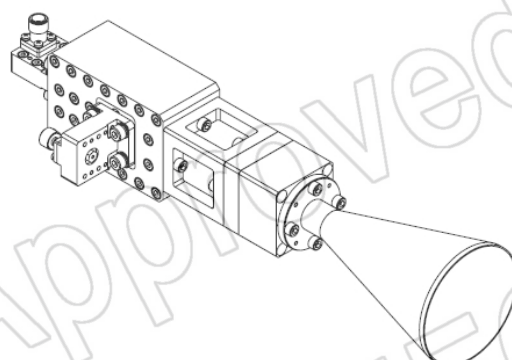
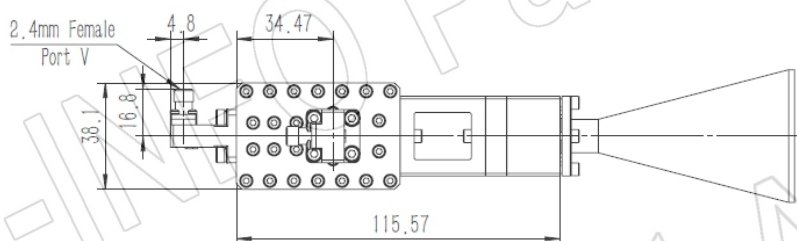
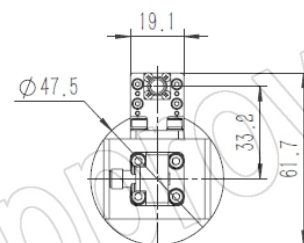
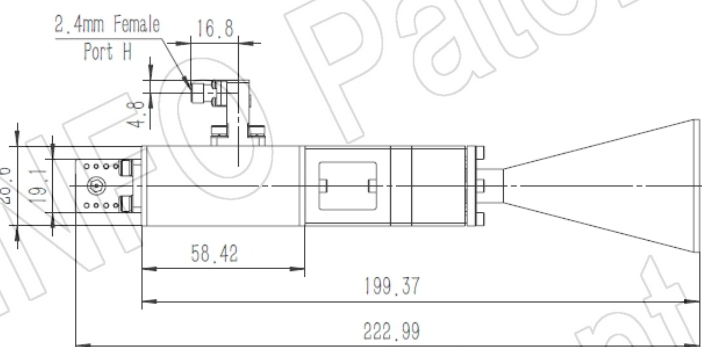
ZL202020594309.9, ZL202020594305.0, ZL202220615760.3
ZL202030233543.4, ZL202030233920.4, ZL202130553080.4

Outline Drawing (Size: mm)

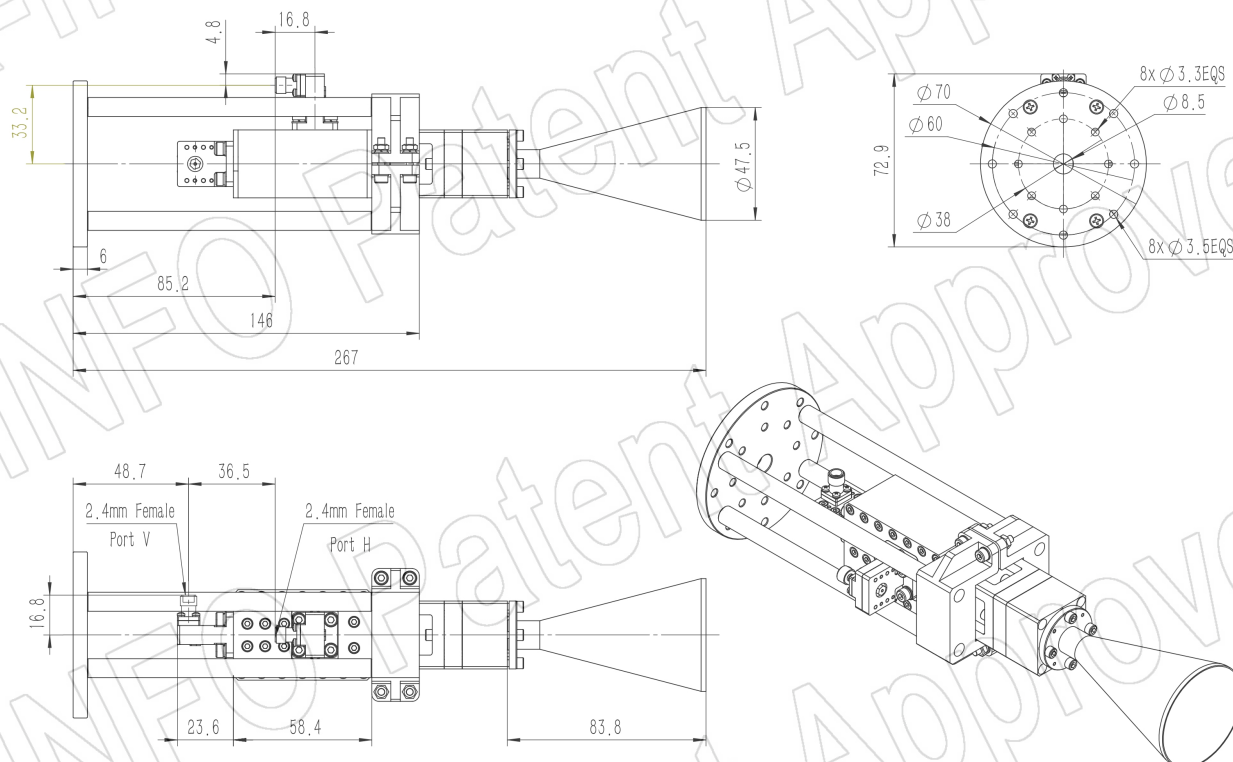
FBP320 Output (P/N: LB-CNH-28-20-T68-A_AI)



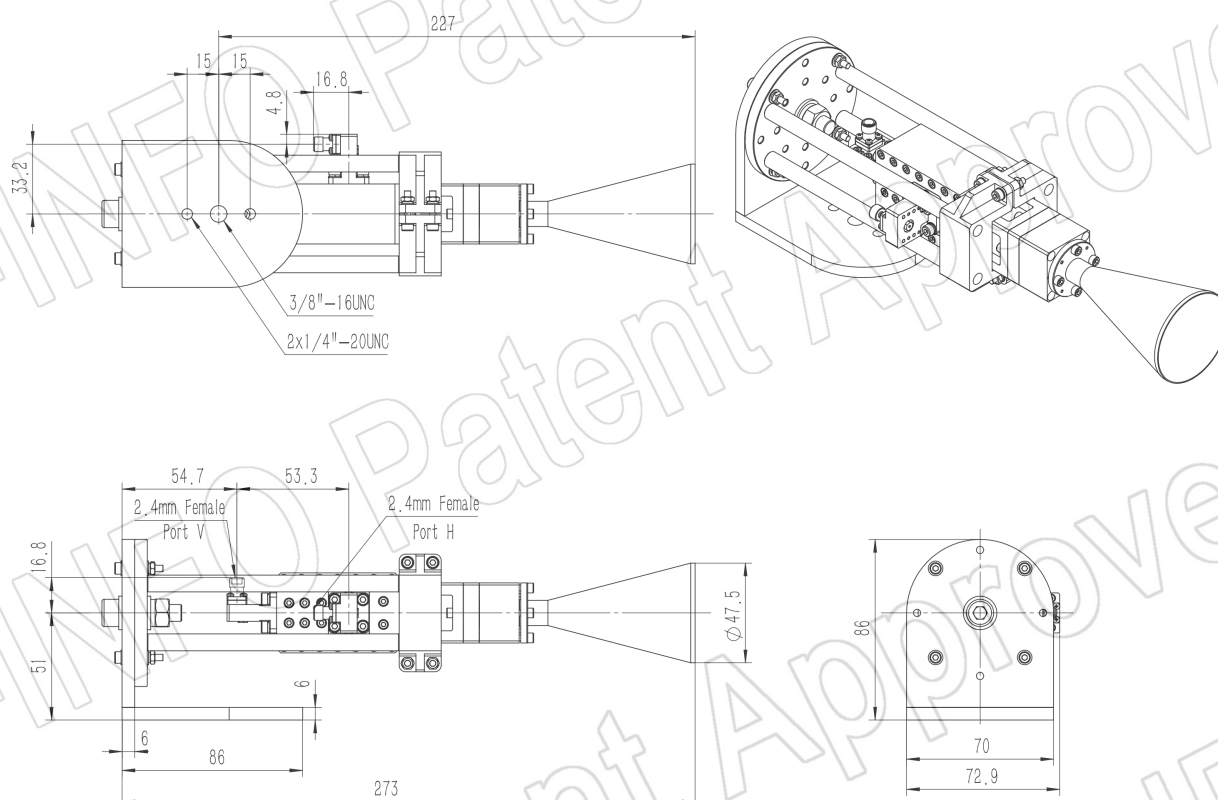
2.4mm-Female Output (P/N: LB-CNH-28-20-T68-C-2.4F_AI)



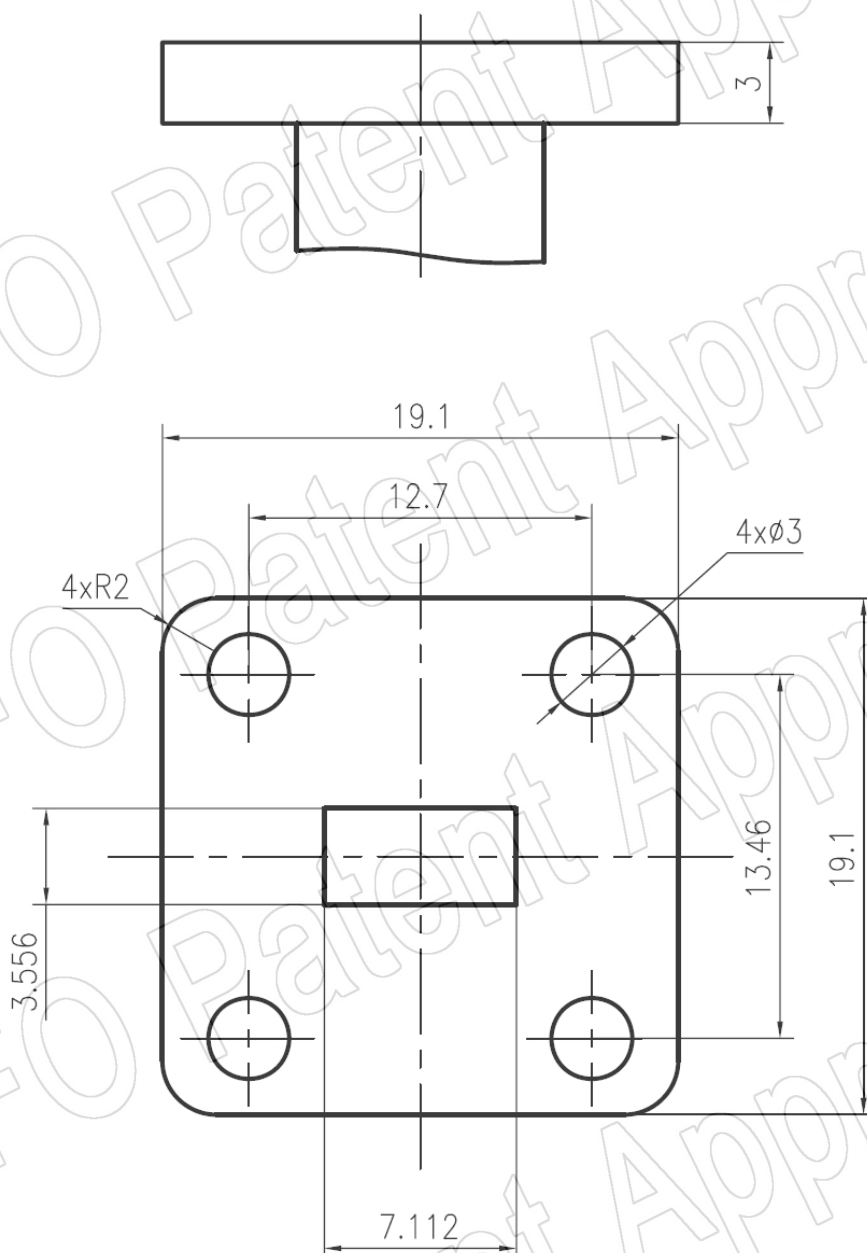
2.4mm-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-28-15-T02-MB)



2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-28-15-T02-MBL)



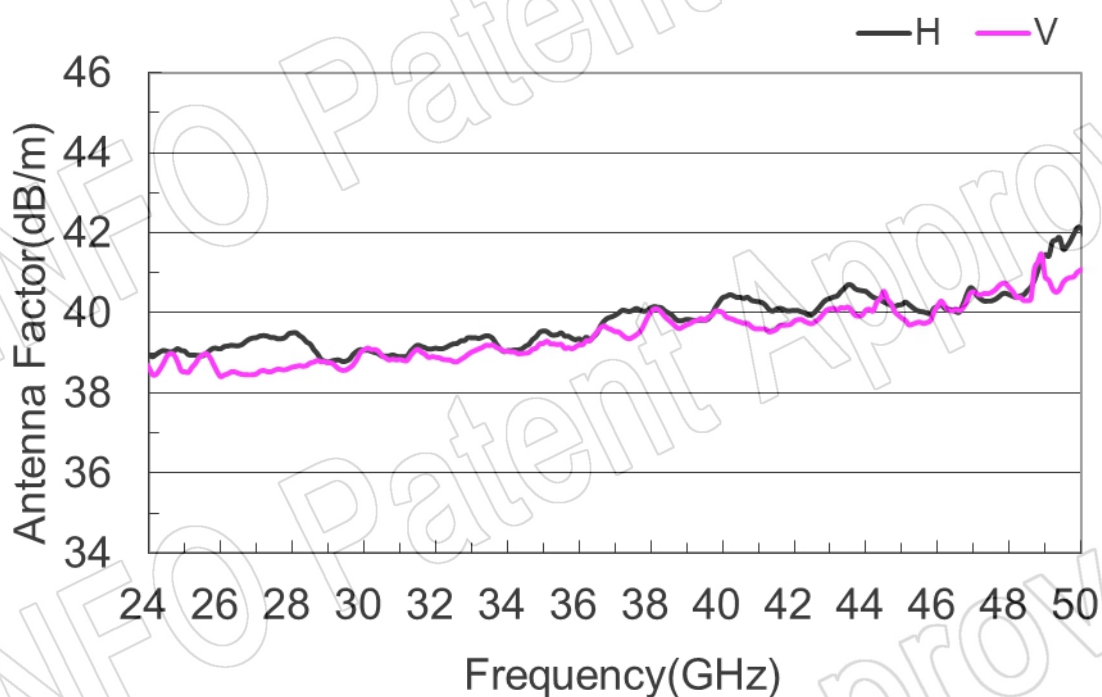
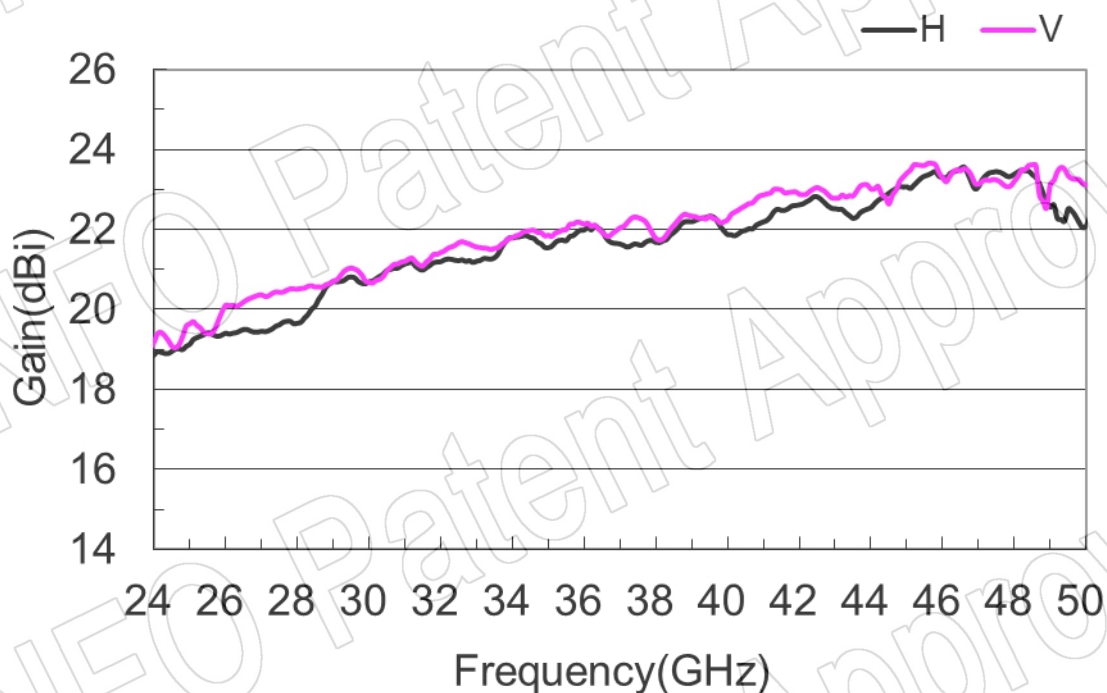
Flange Drawing (Size: mm)



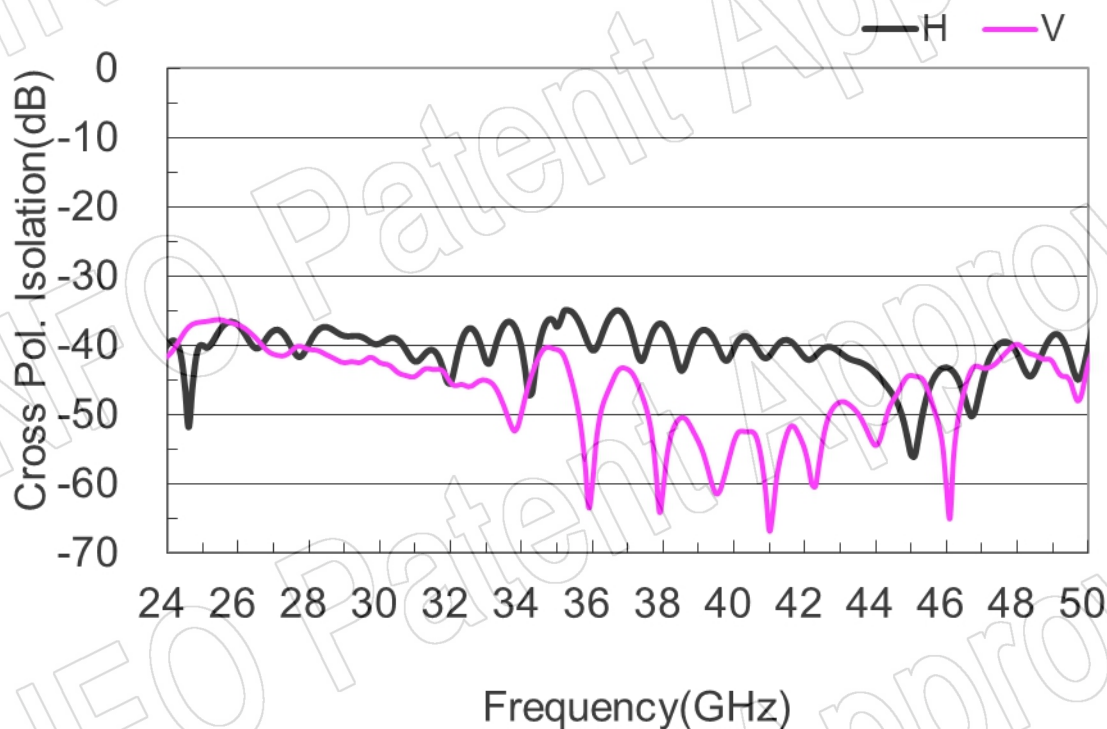
FBP320

Test Results

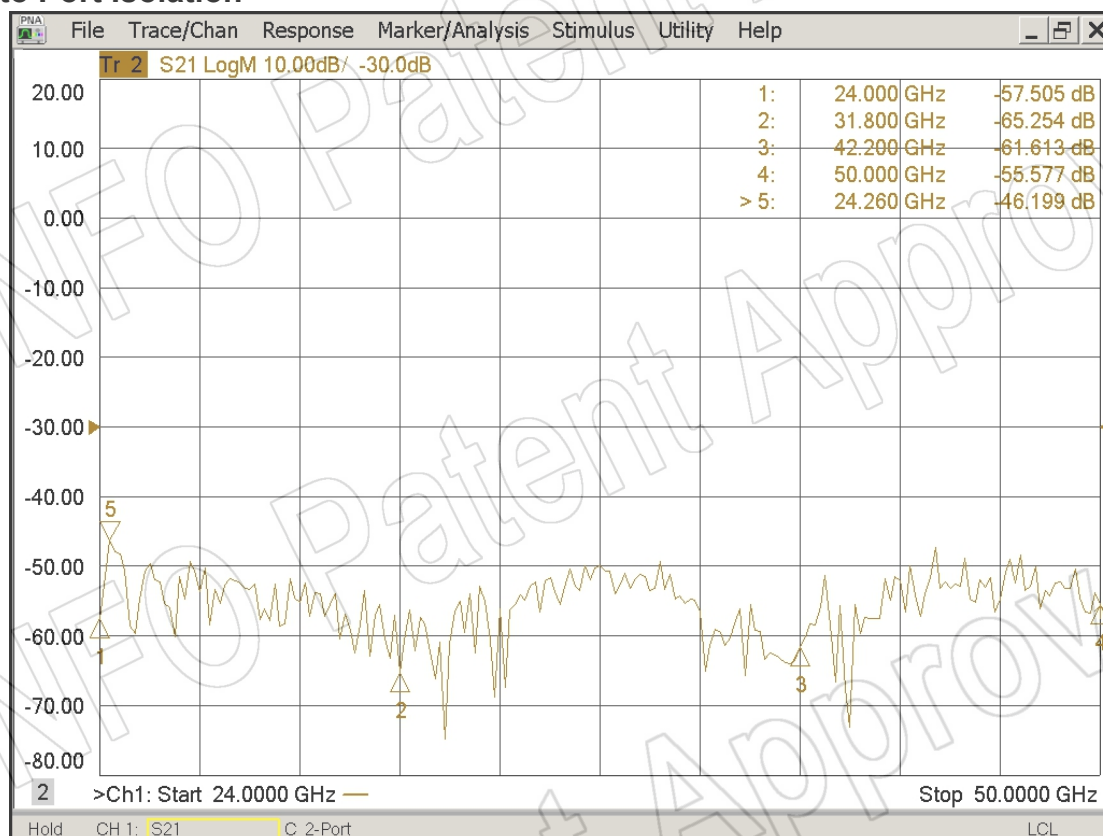
1. Gain & Antenna Factor



2. Cross Polarization Isolation

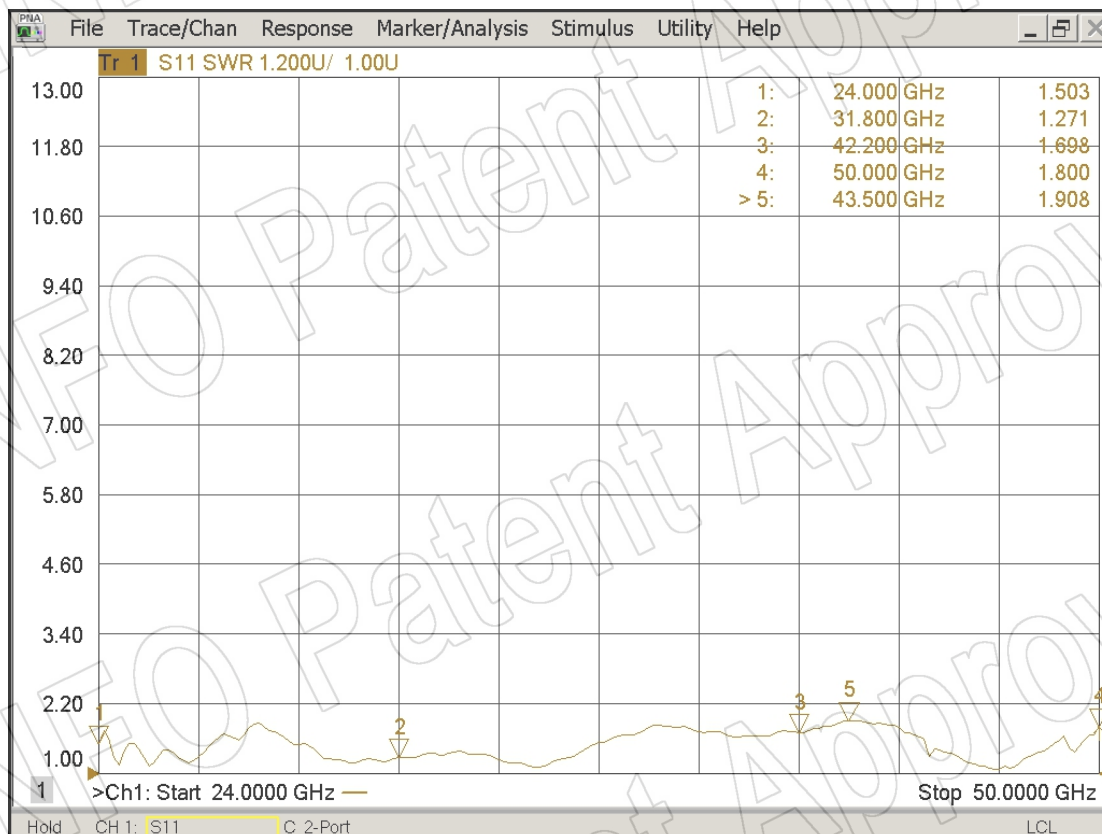


3. Port to Port Isolation

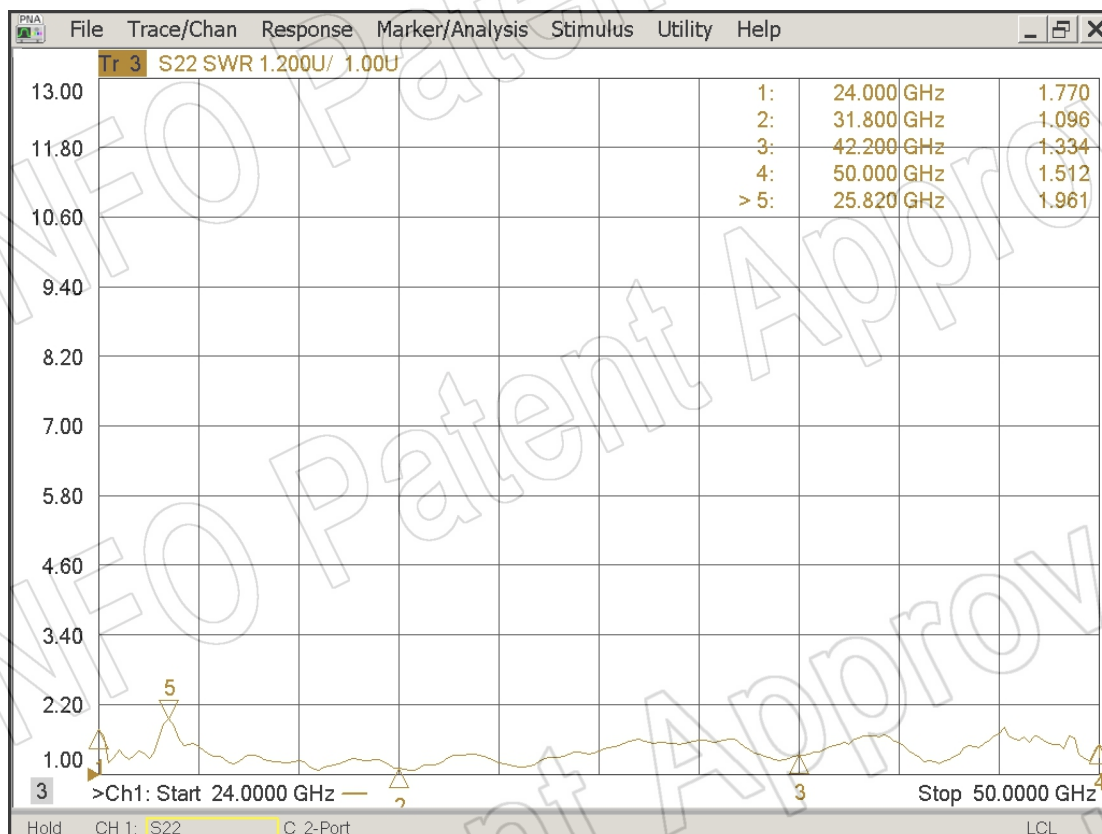


4. VSWR_A Type

Port-H

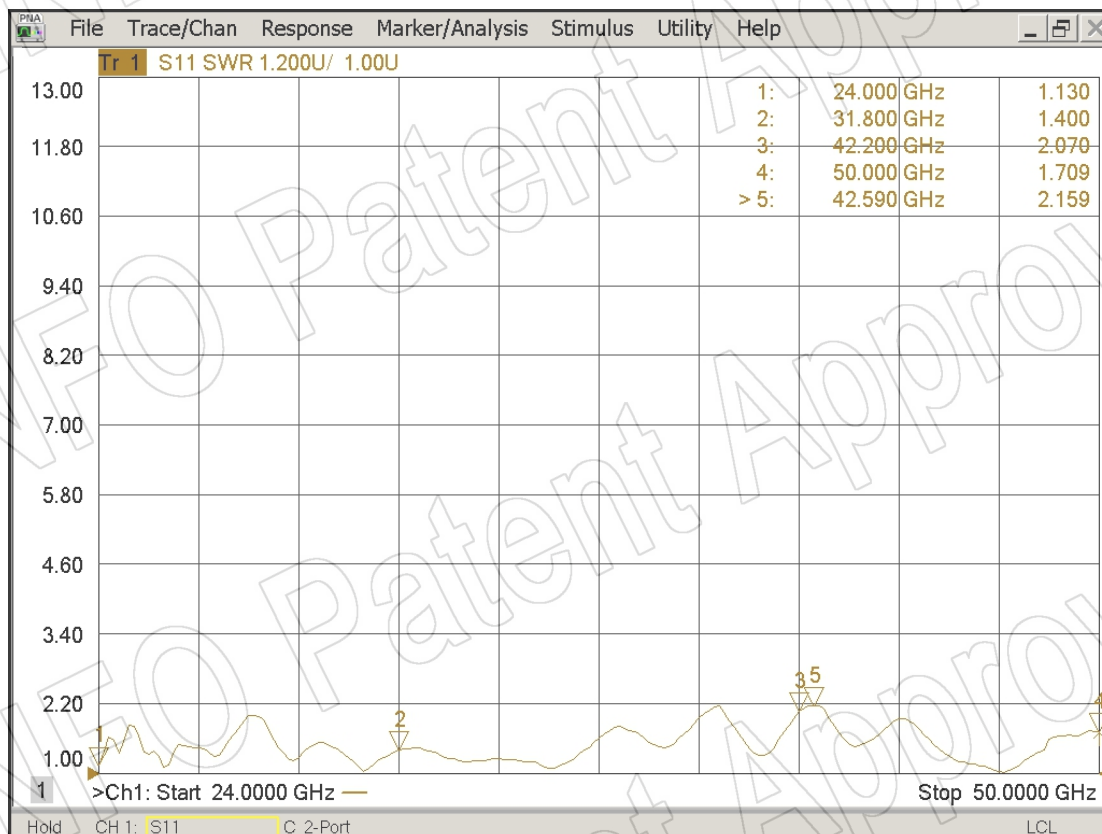


Port-V

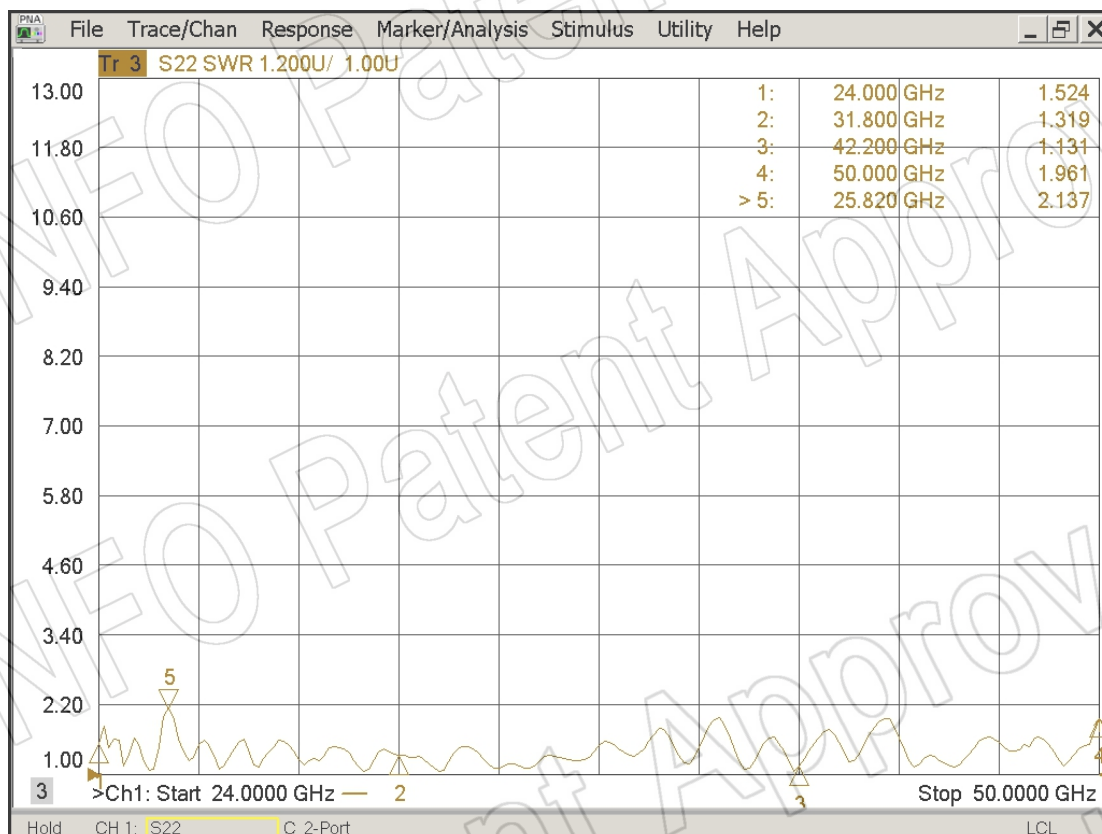


VSWR_C Type

Port-H



Port-V



5. Pattern

