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 D3)
	C Type:	2.4mm-Female
Material	Al	
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:	0.45 Around
	C Type:	0.49 Around

PATENT ID (US)	**US 11031692, US 10871511**
PATENT ID (China)	**ZL202020594309.9, ZL202020594305.0** **ZL202030233543.4, ZL202030233920.4**

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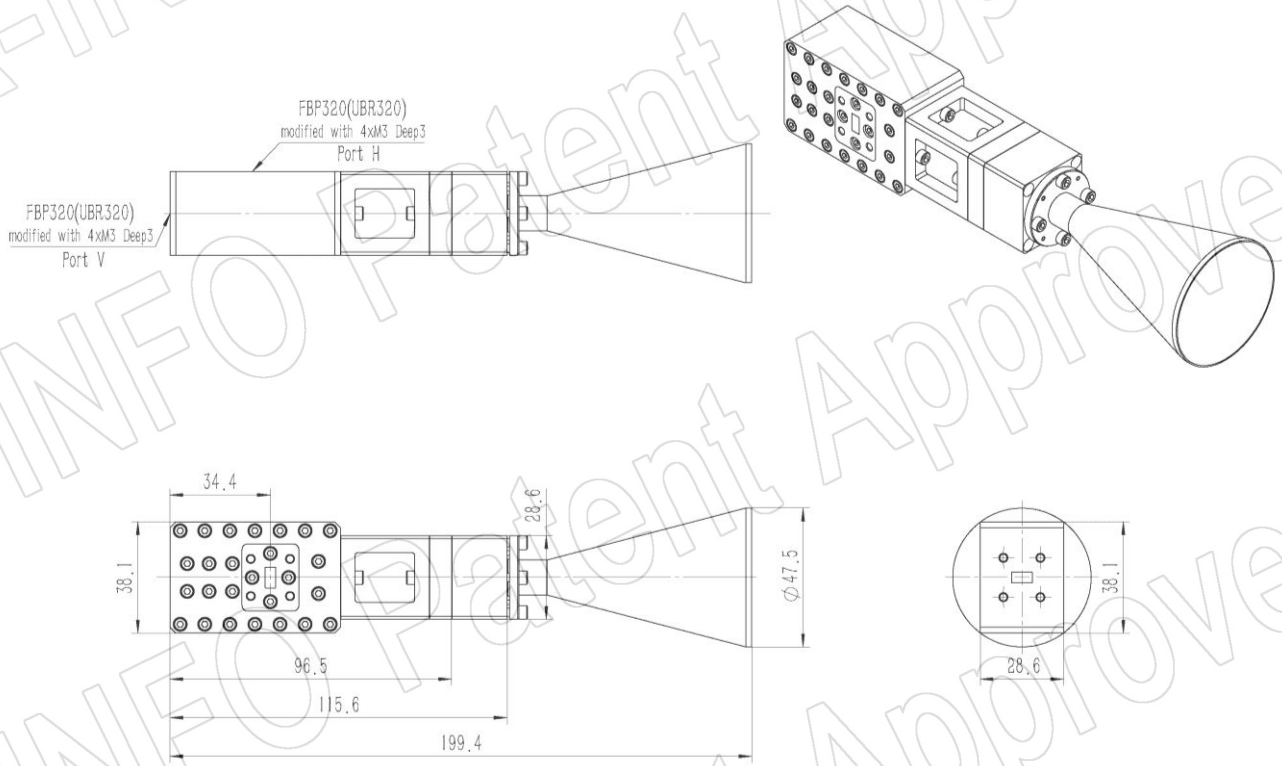
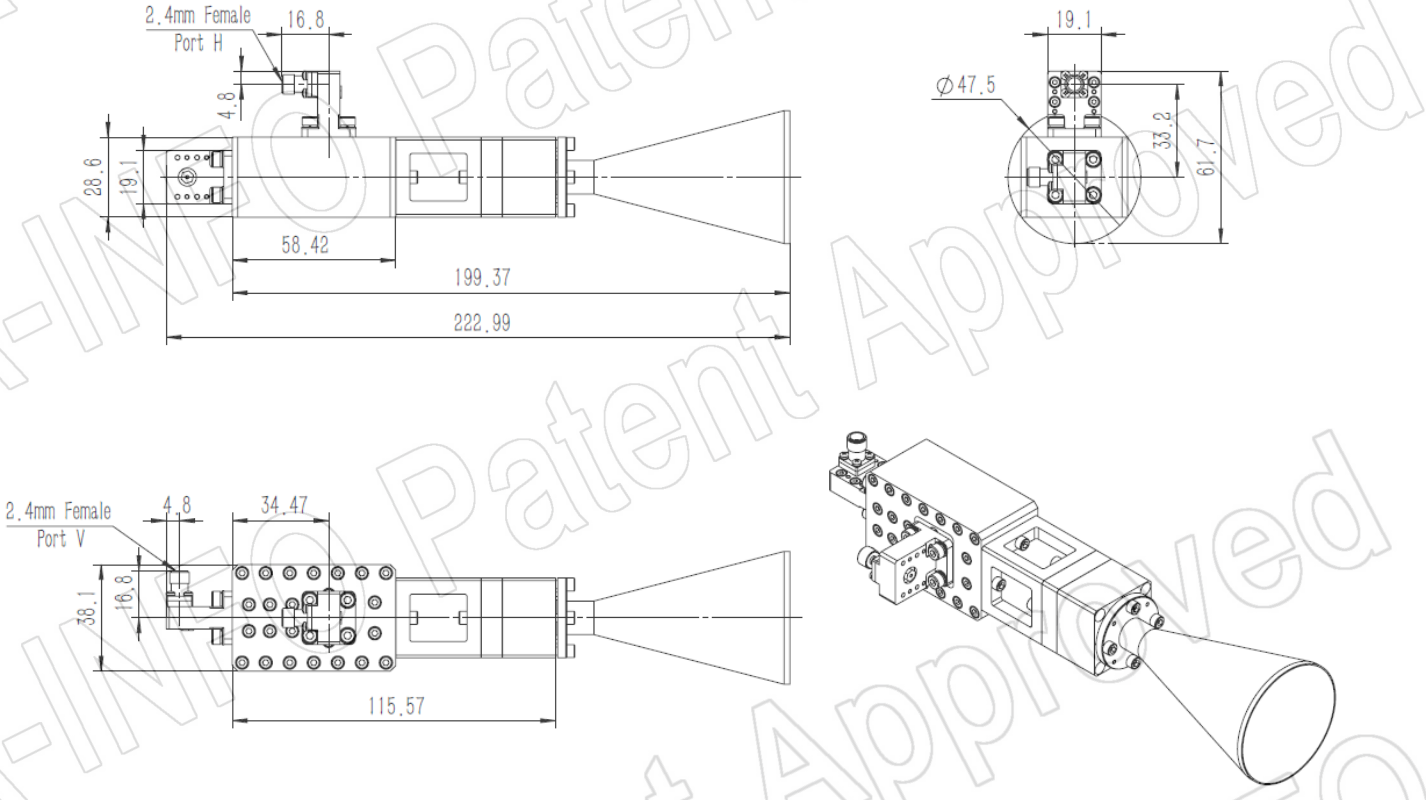
Outline Drawing (Size: mm)

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



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



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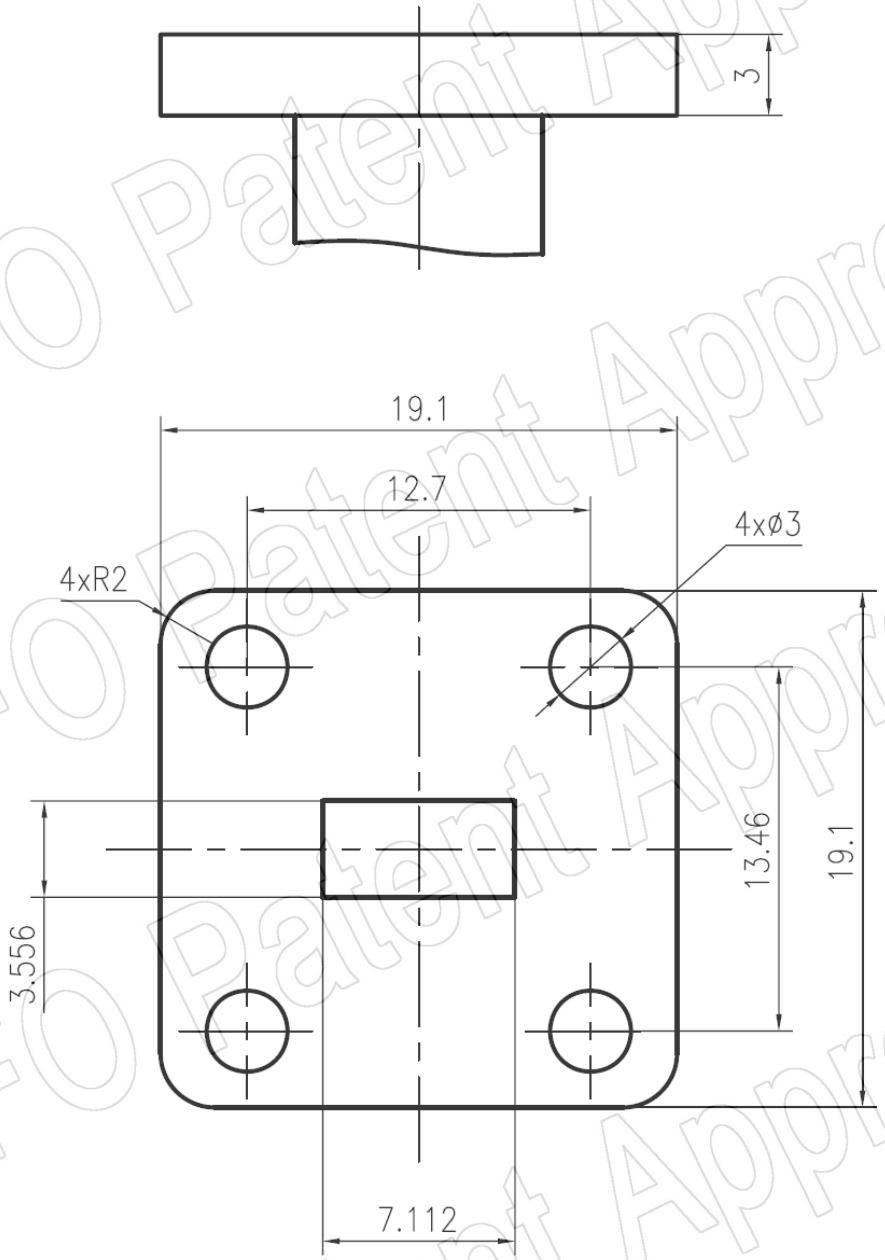
Flange Drawing (Size: mm)



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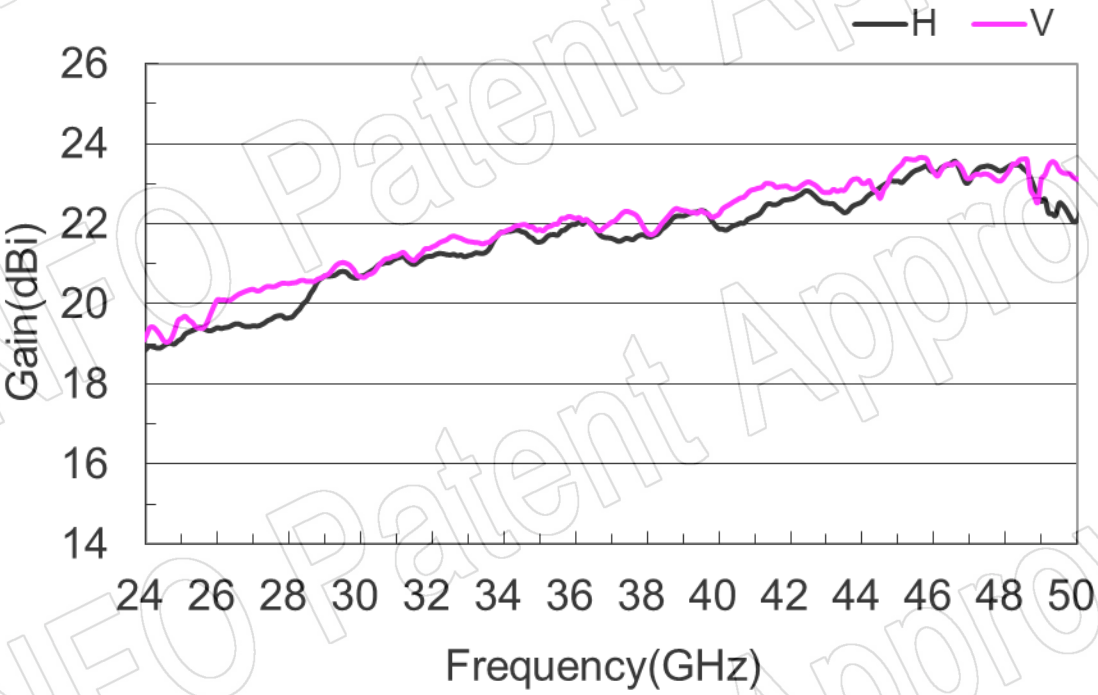
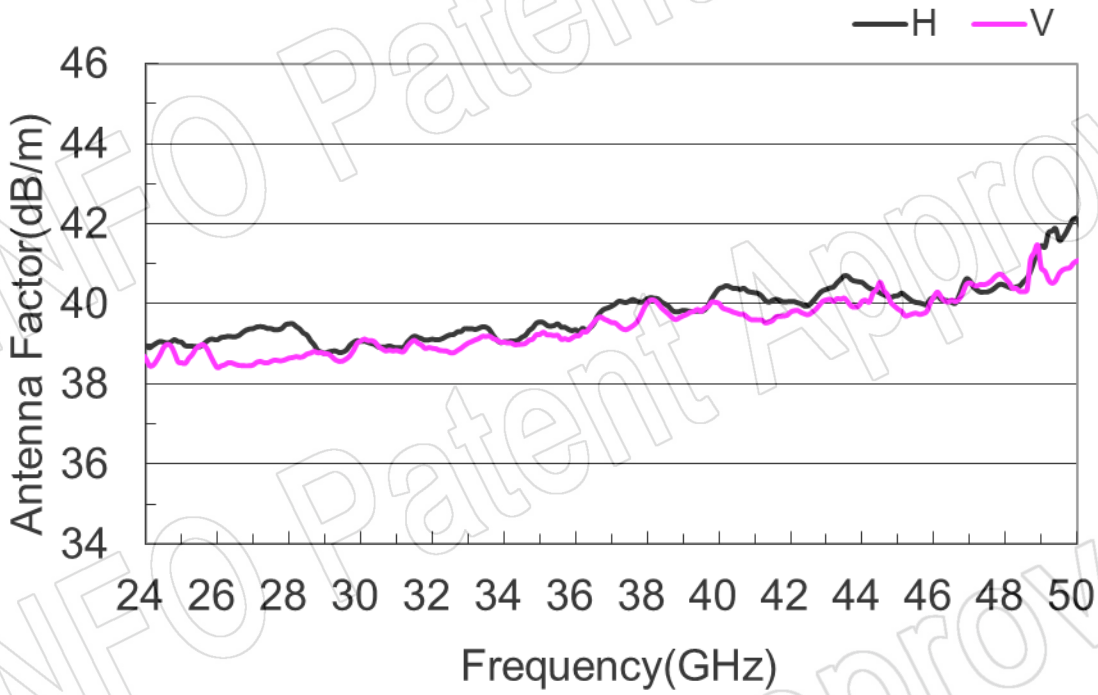
Test Results

1. Gain & Antenna Factor





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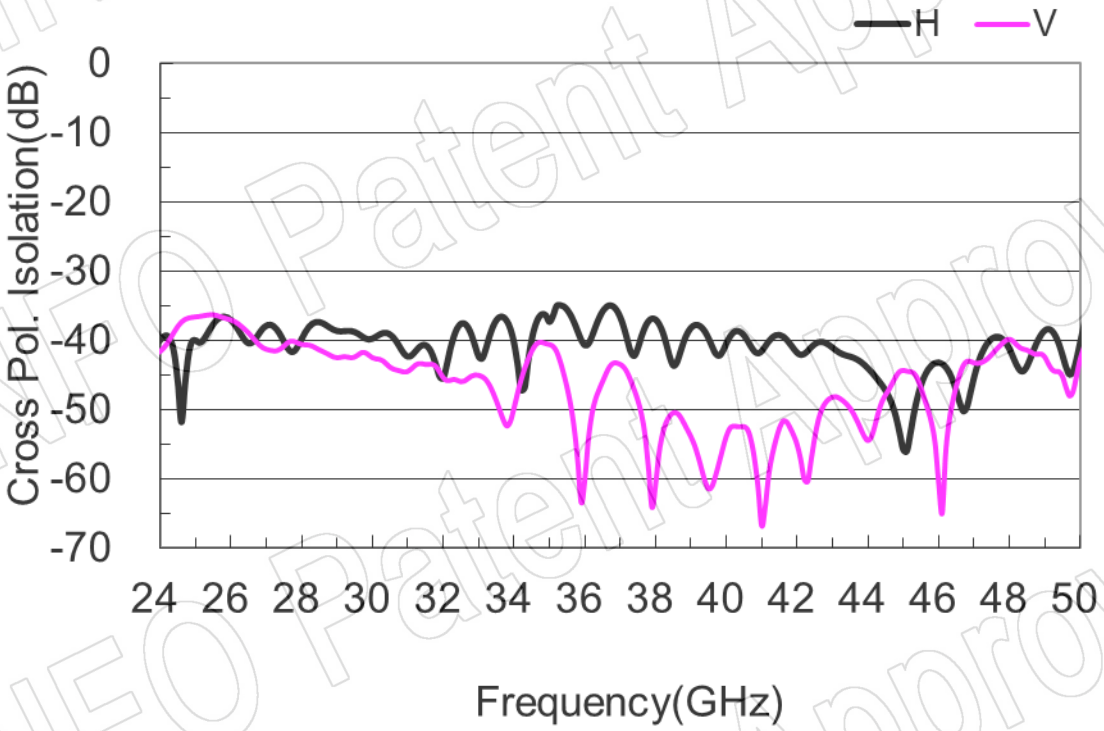
2. Cross Polarization Isolation



3. Port to Port Isolation

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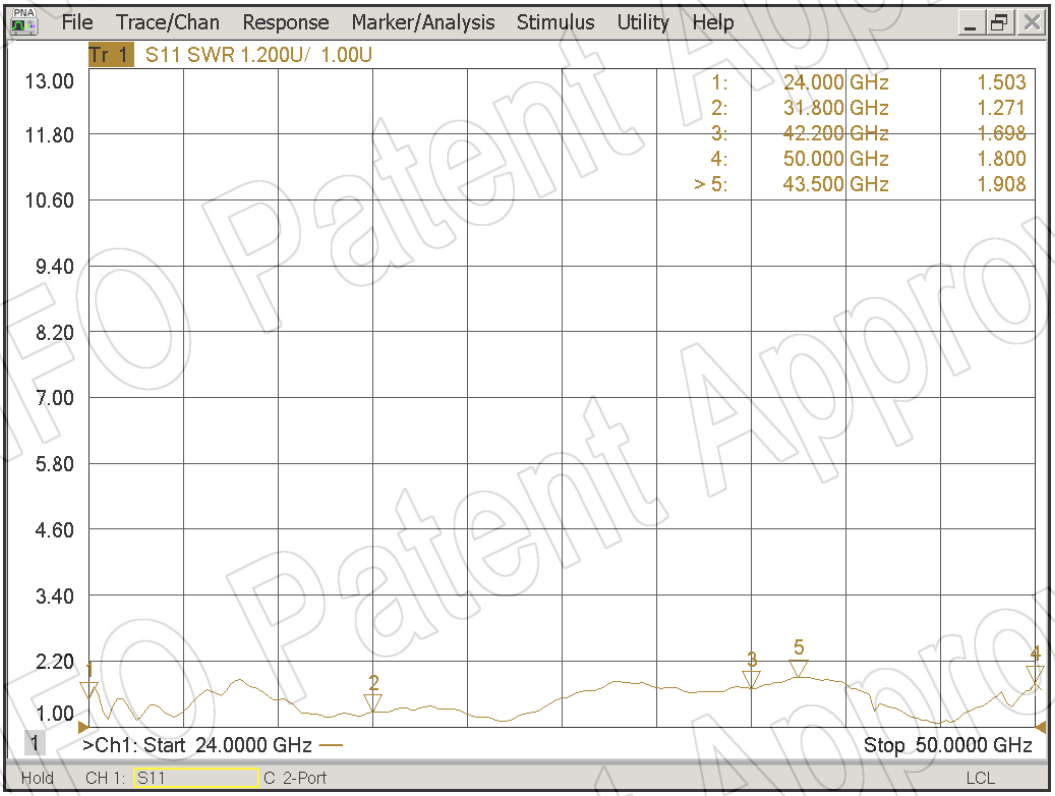
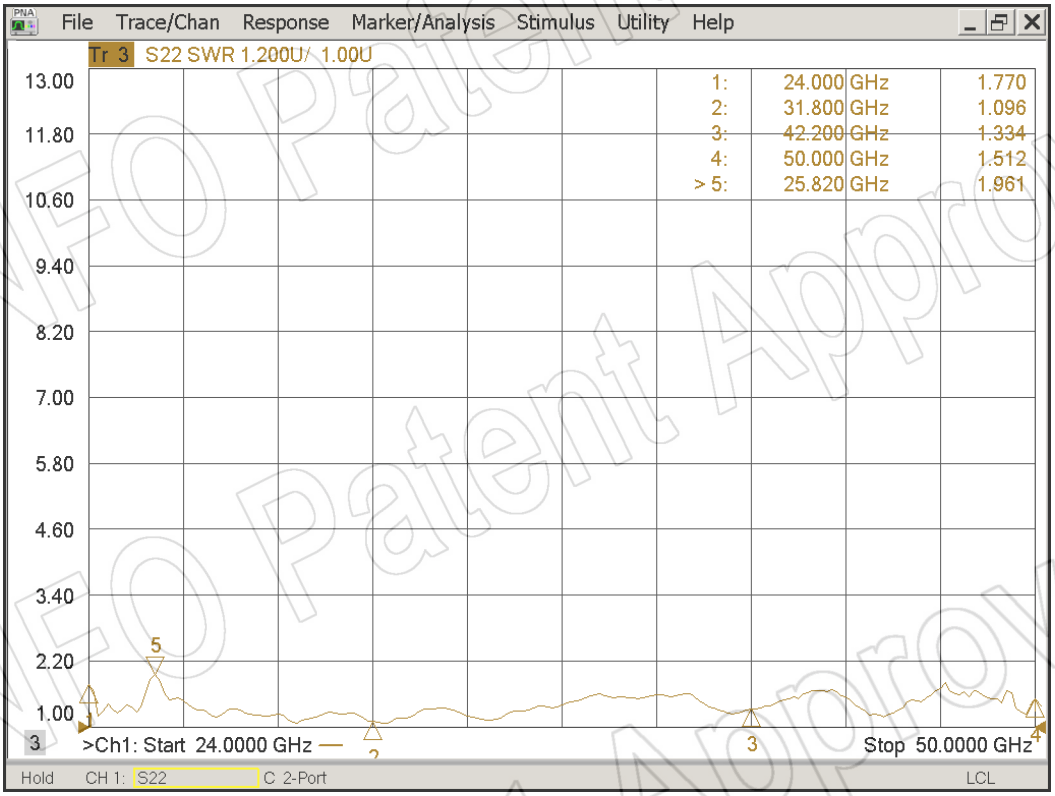
4. VSWR_A Type

Port-H



Port-V



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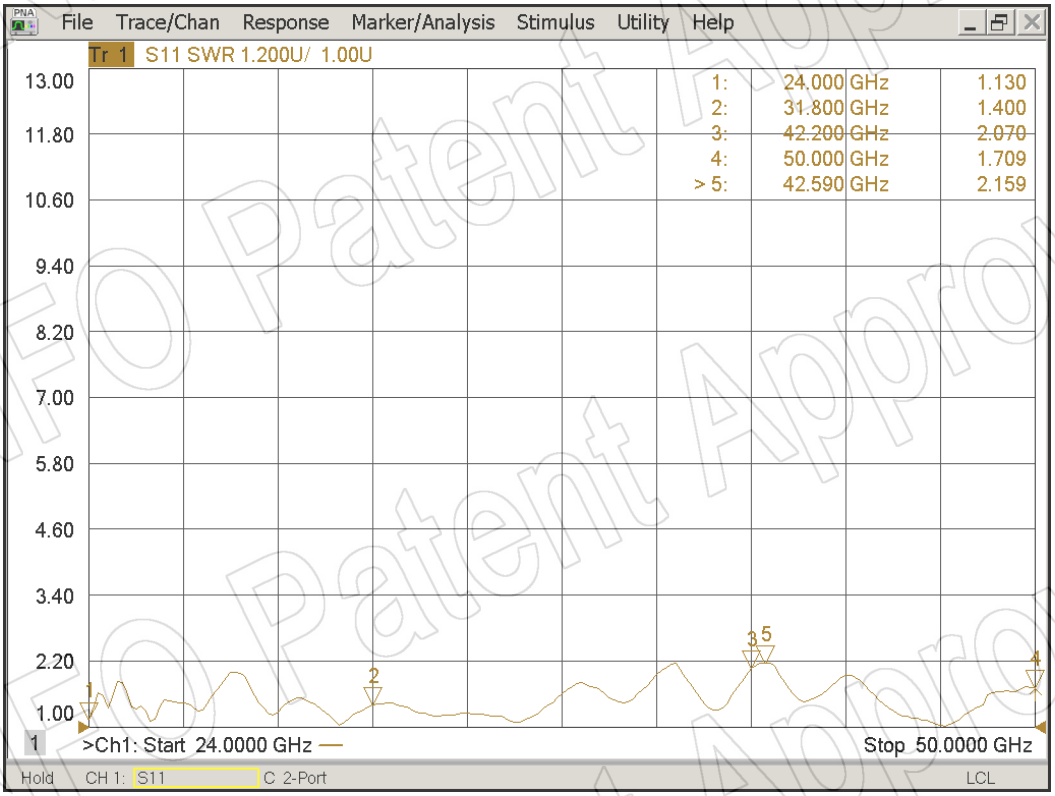
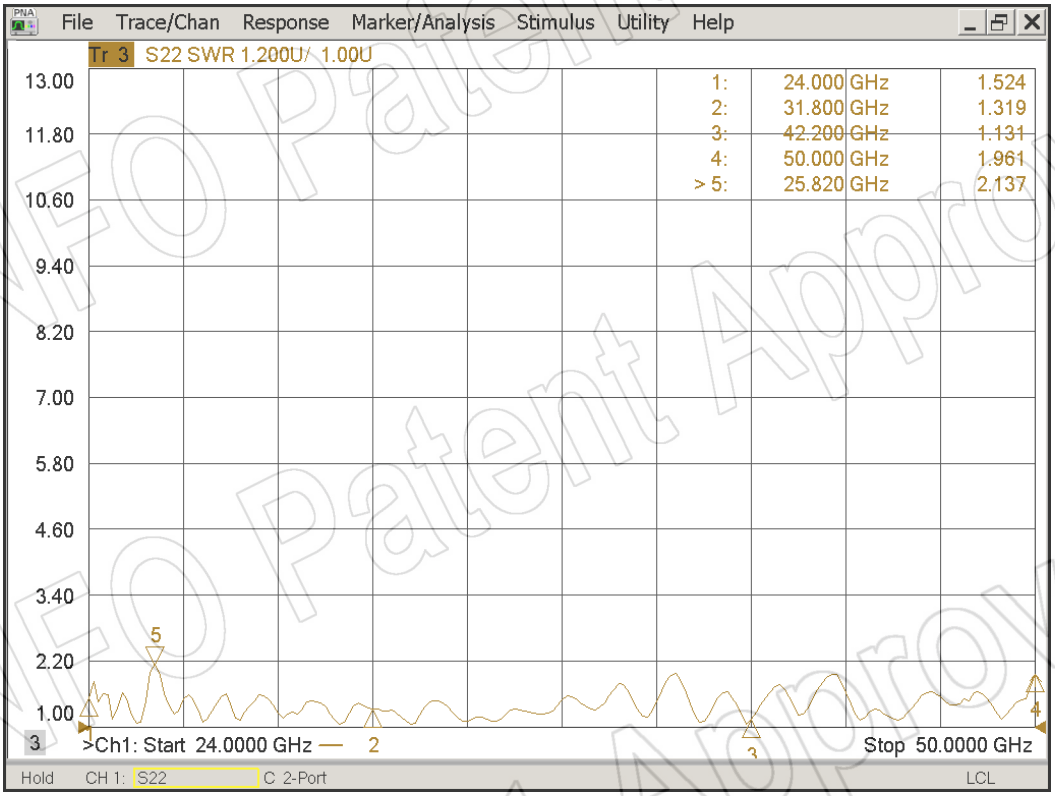
VSWR_C Type

Port-H



Port-V



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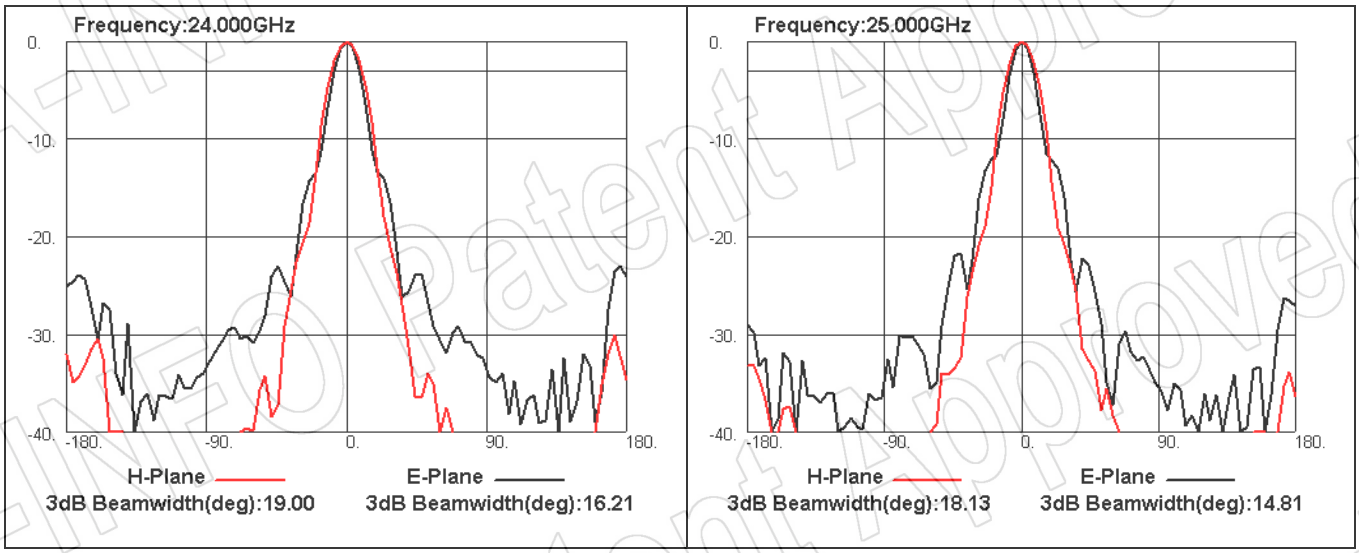
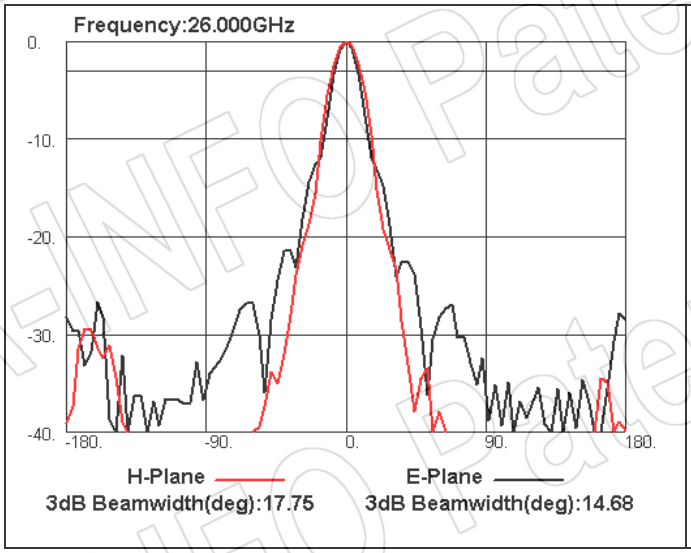
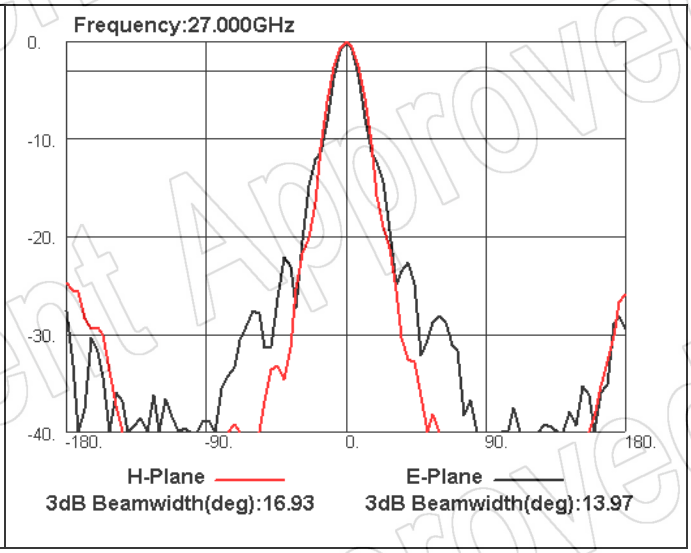
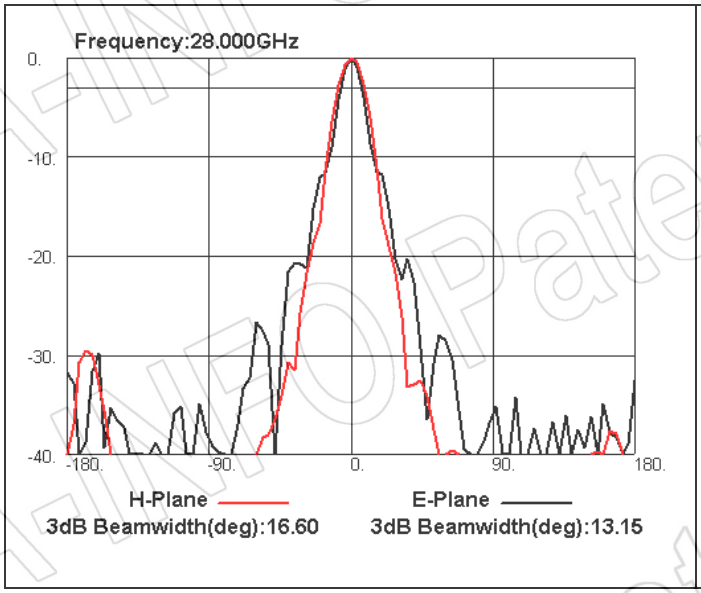
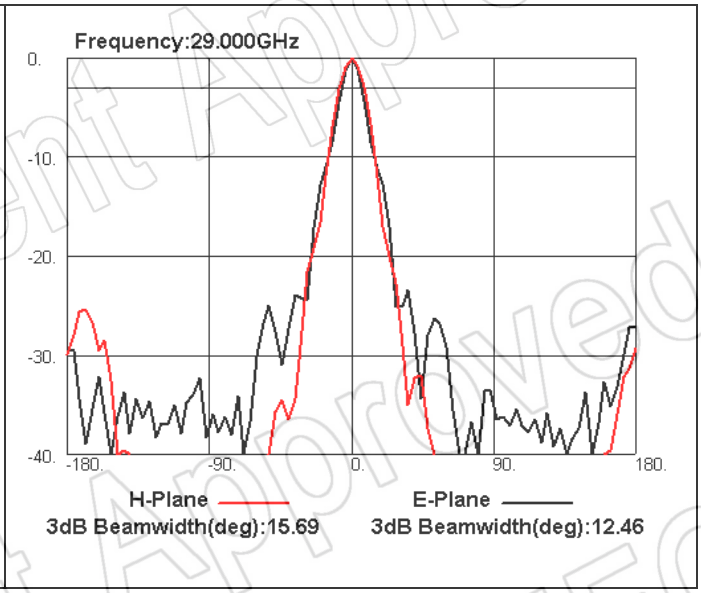
5. Pattern











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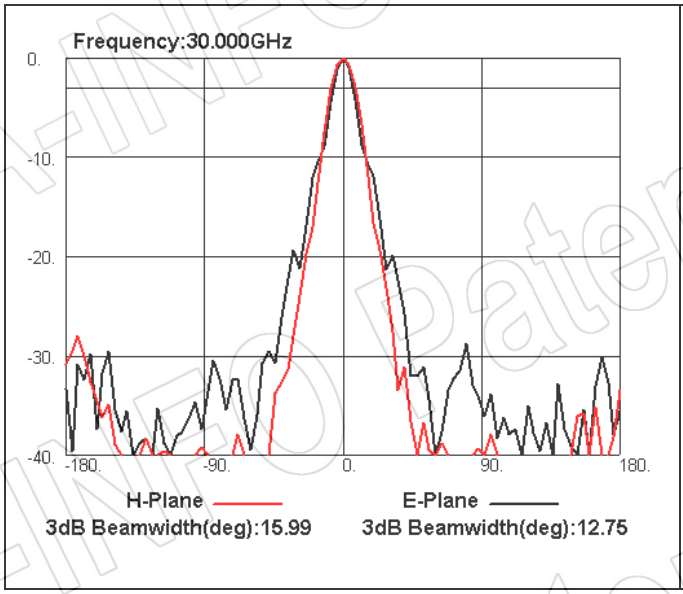

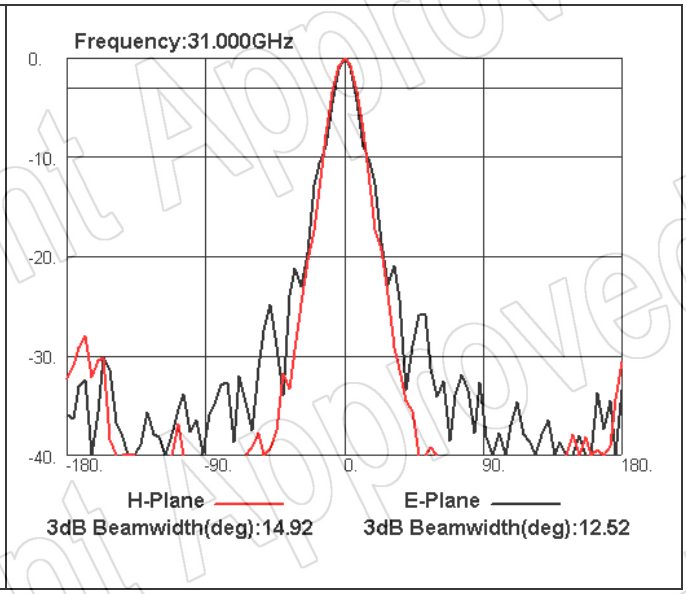

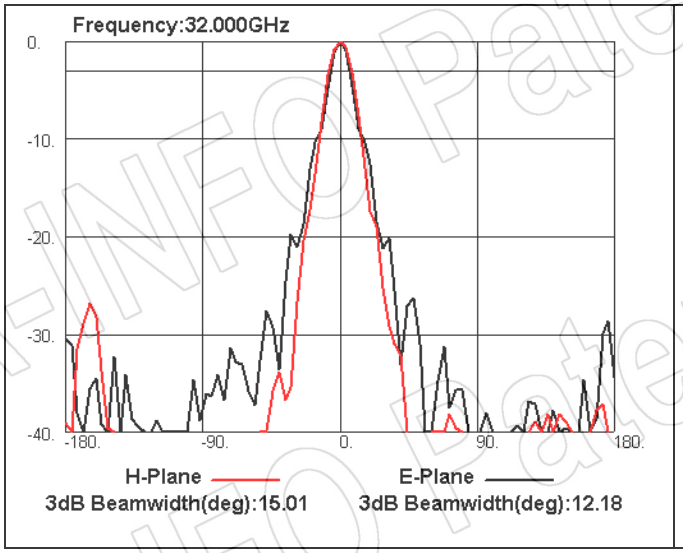

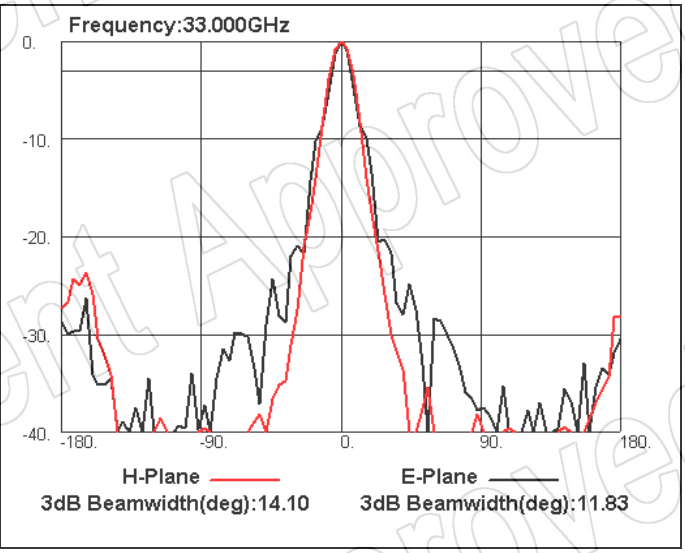

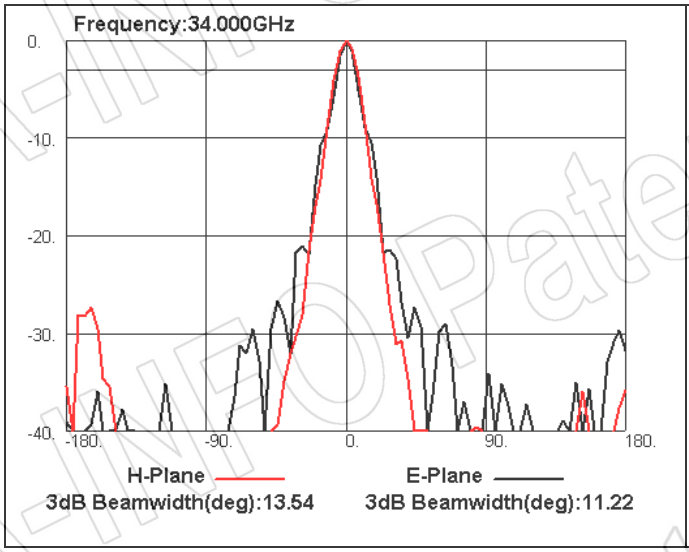

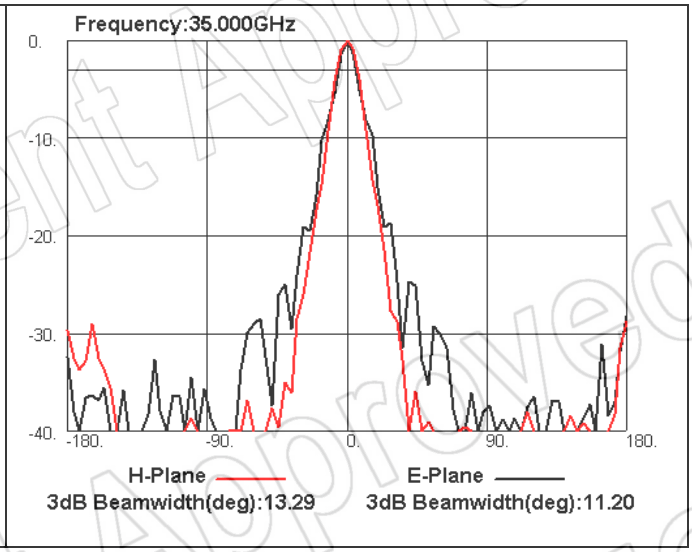

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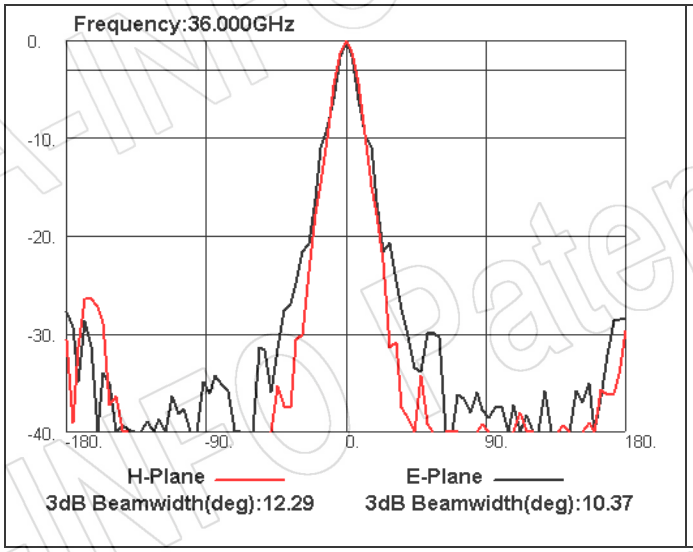

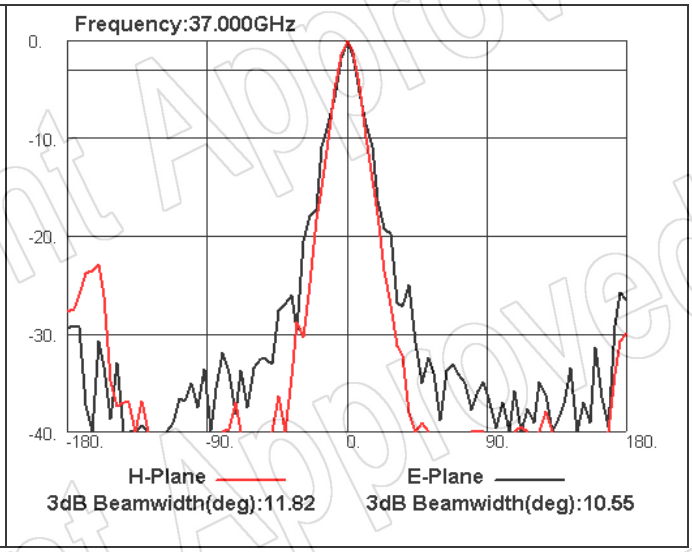

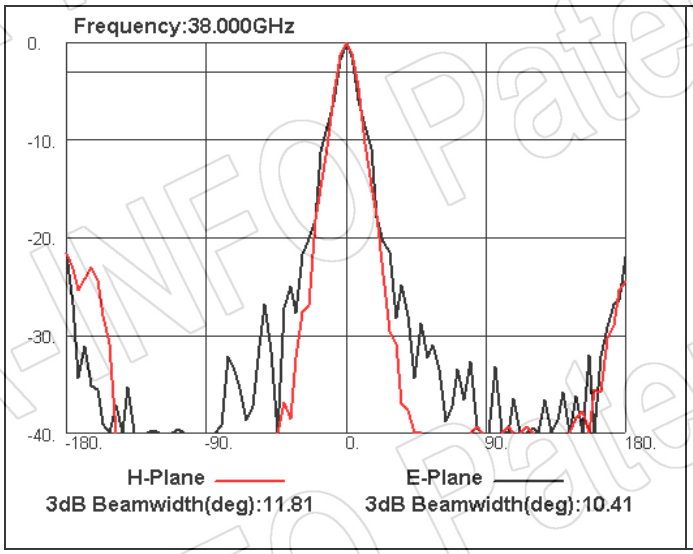

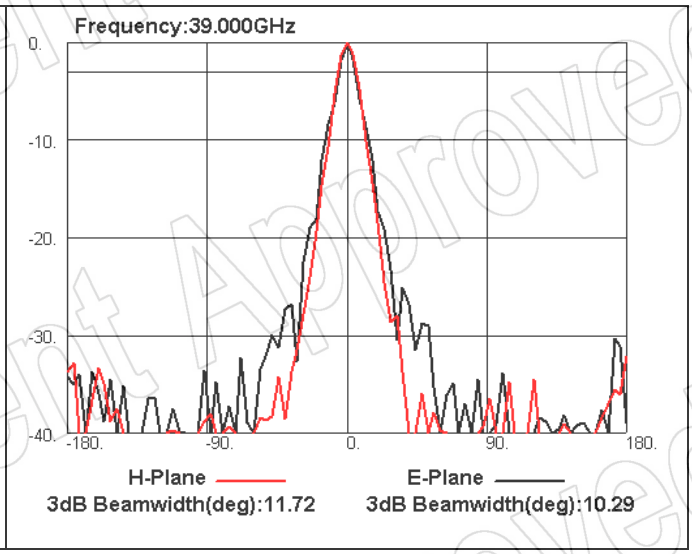

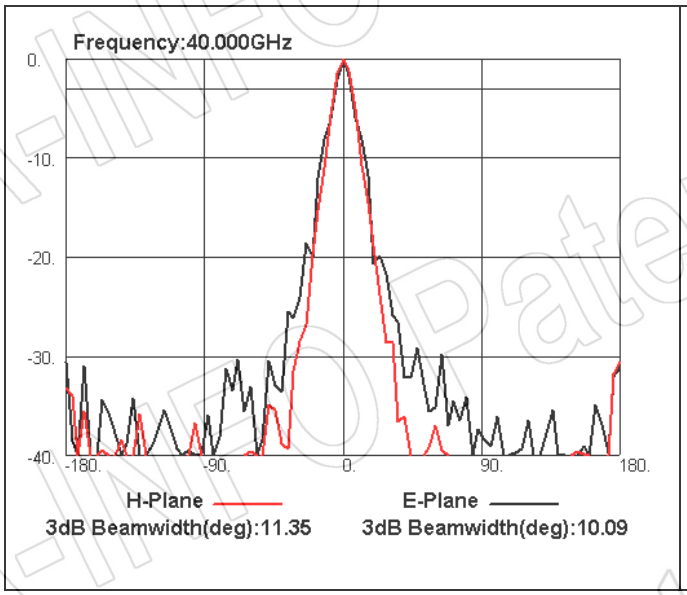

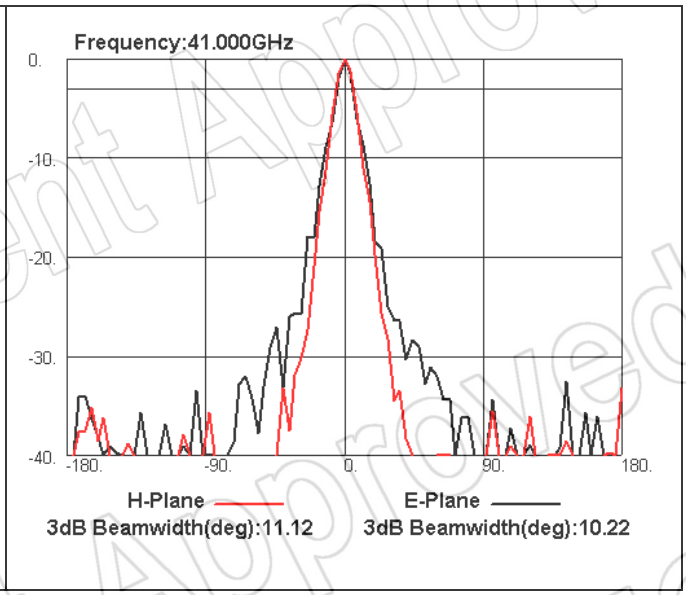

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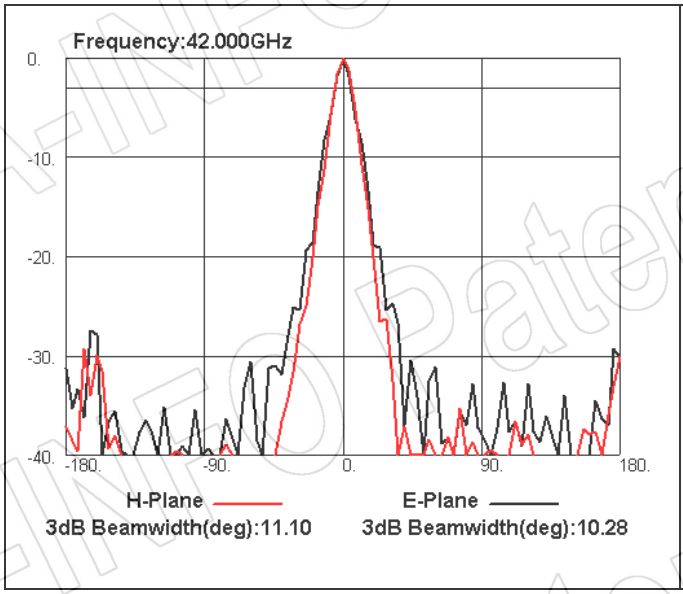

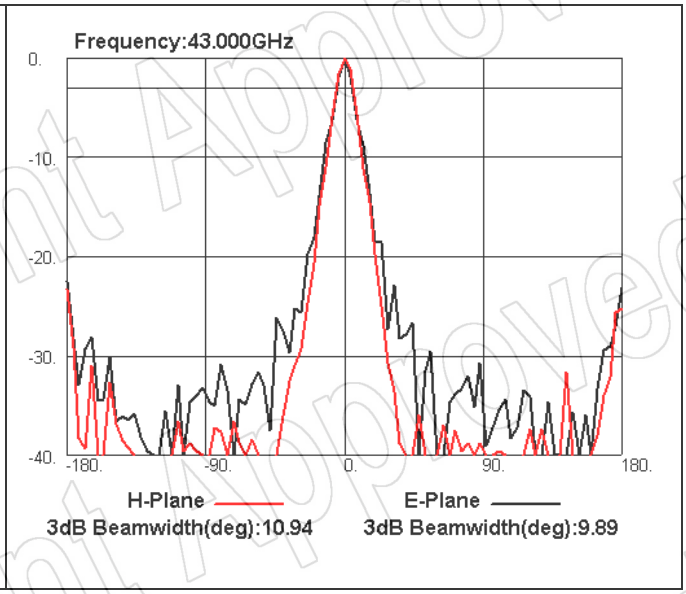

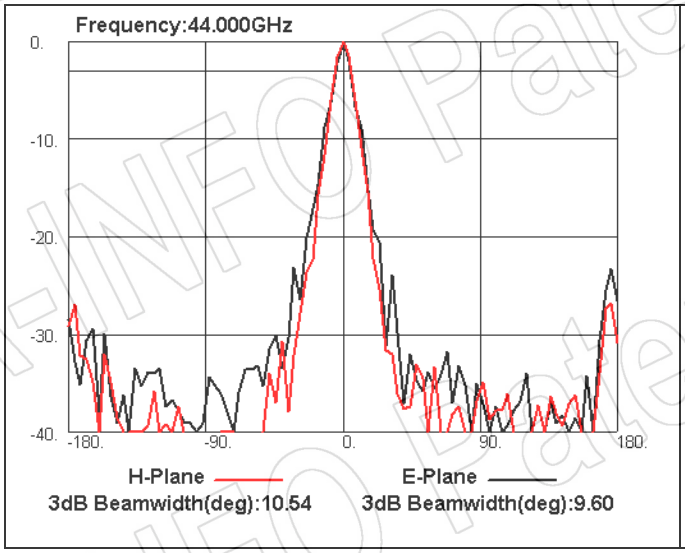

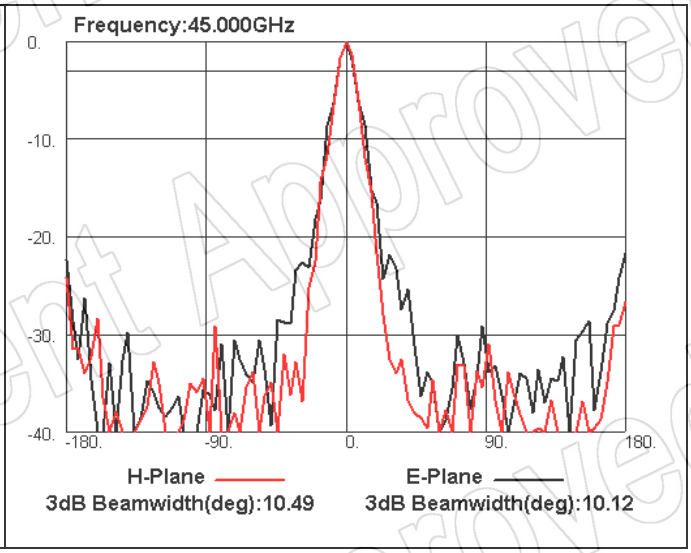

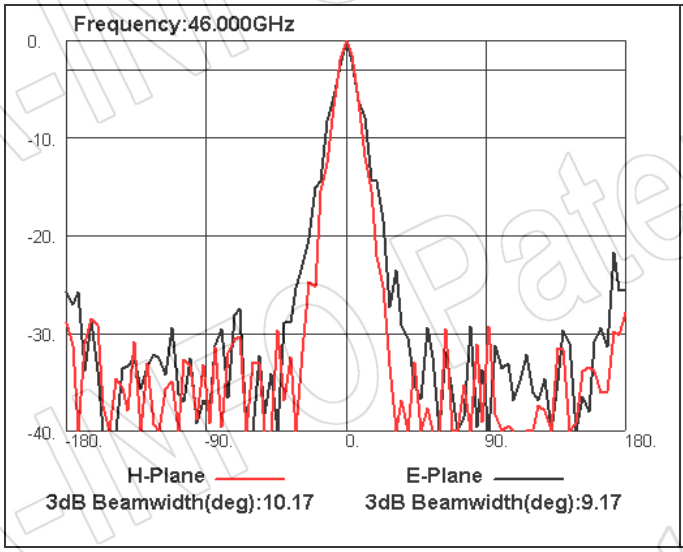

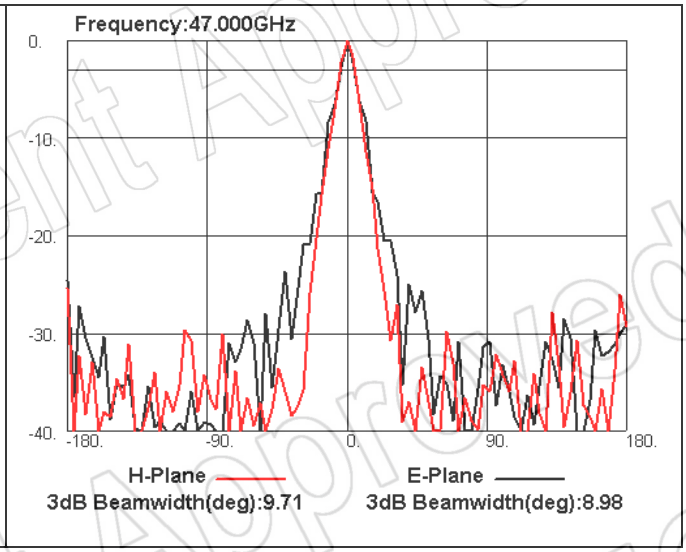

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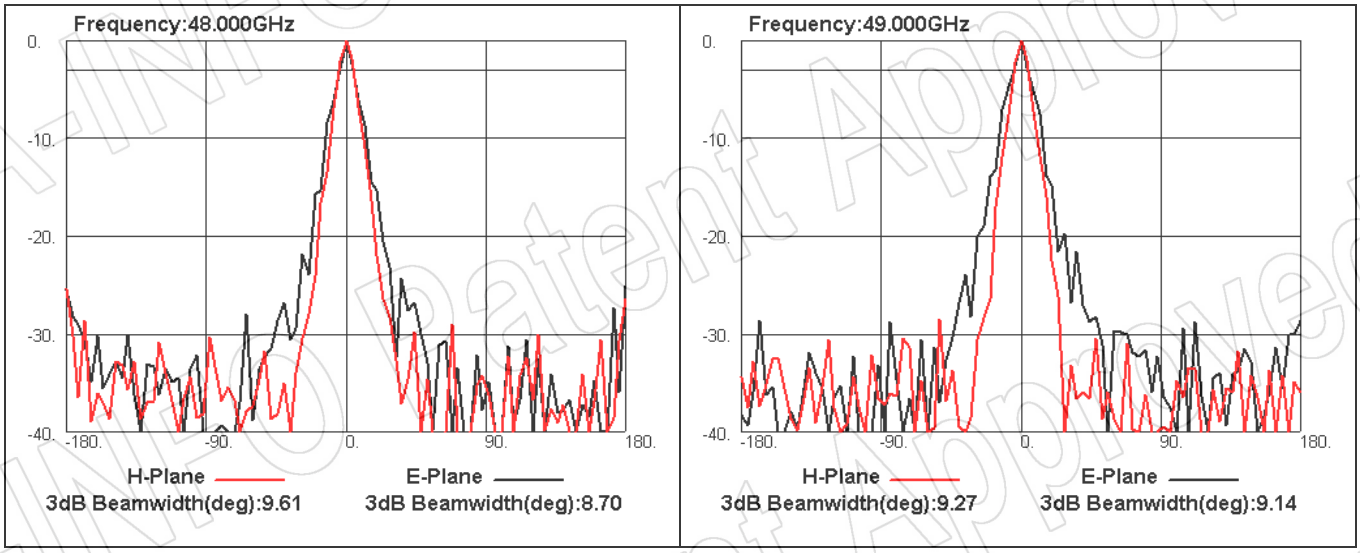

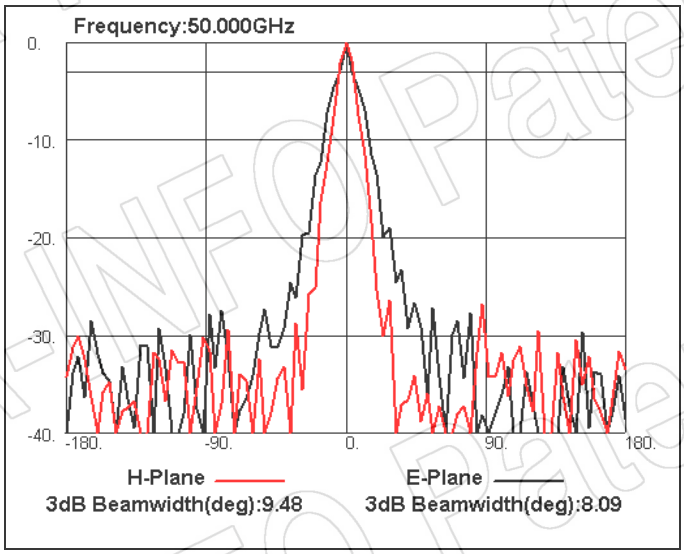

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