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 D3)
	C Type:	2.4mm-Female
Material	Cu	
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**
PATENT ID (China)	**ZL202020594309.9, ZL202020594305.0 ZL202030233445.0, ZL202030233920.4**

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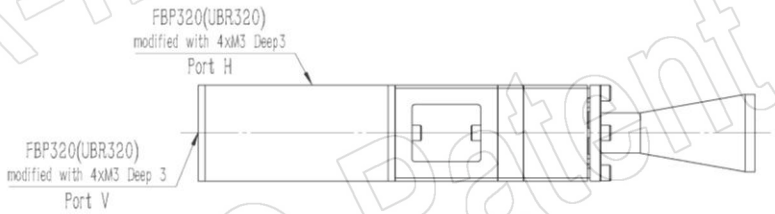
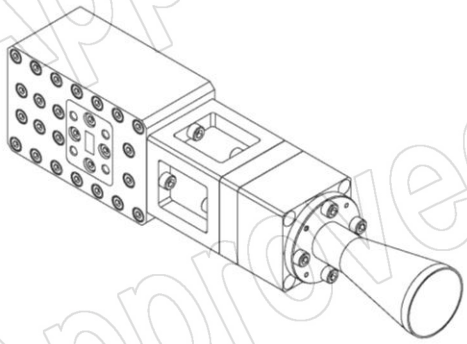
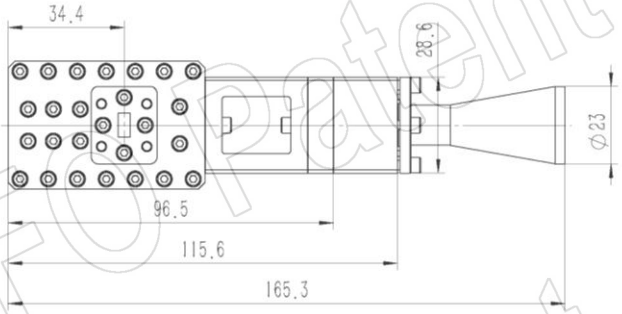
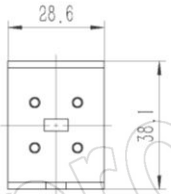
Outline Drawing (Size: mm)

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

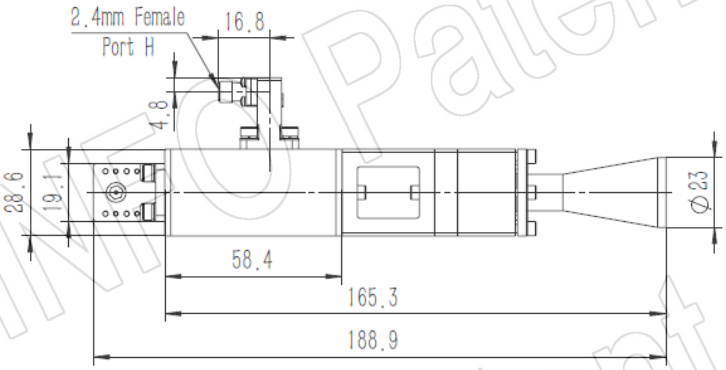


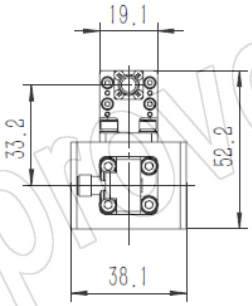


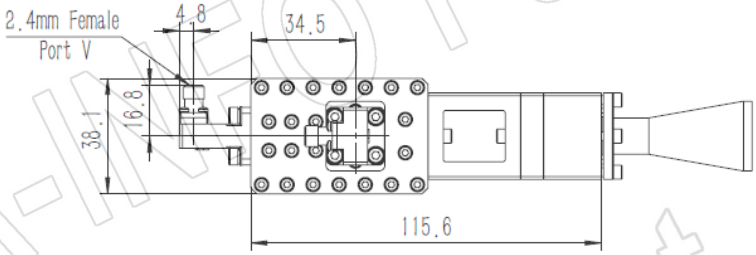


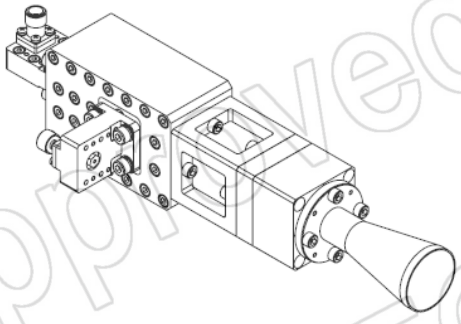


2.4mm-Female Output (P/N: LB-CNH-28-15-T68-C-2.4F)









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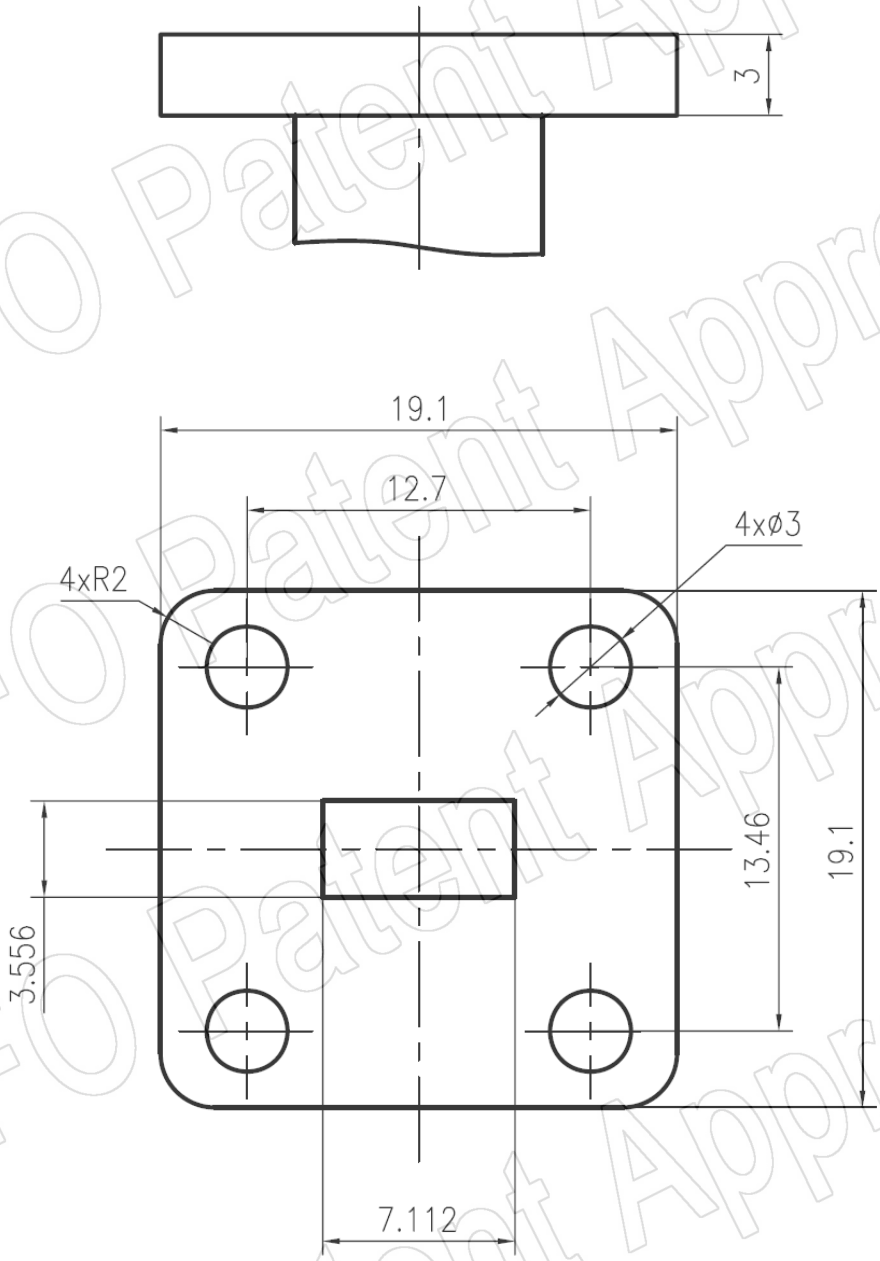
Flange Drawing (Size: mm)



FBP320

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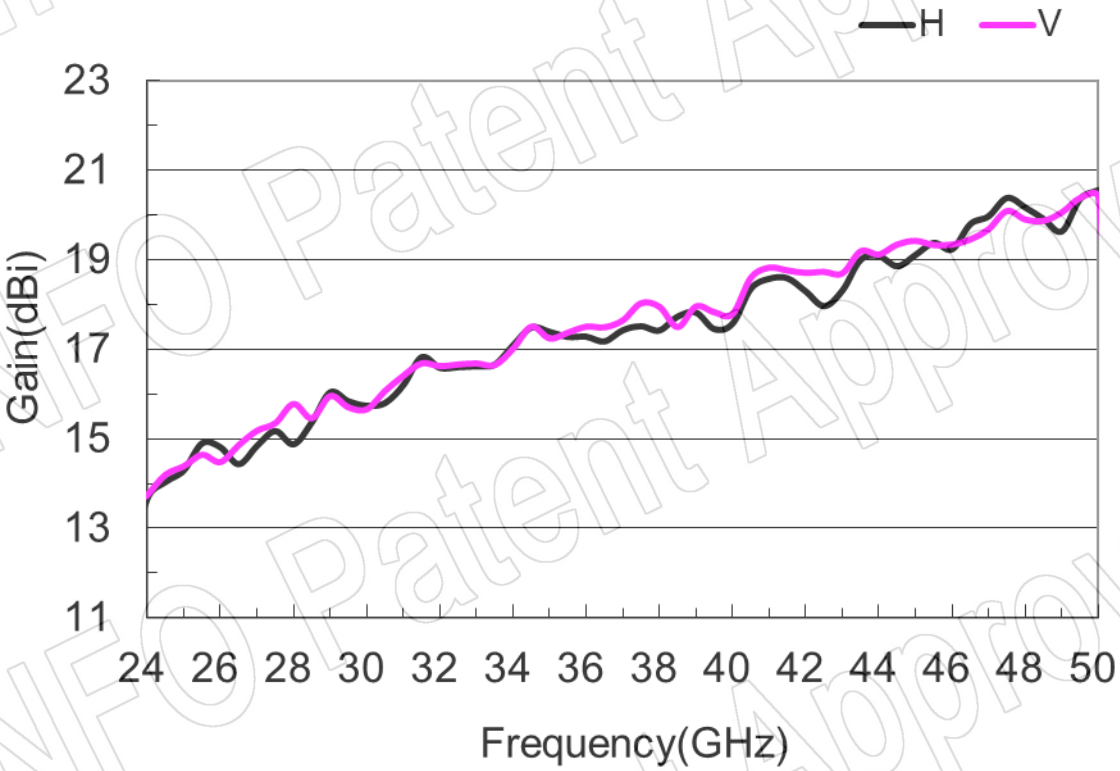
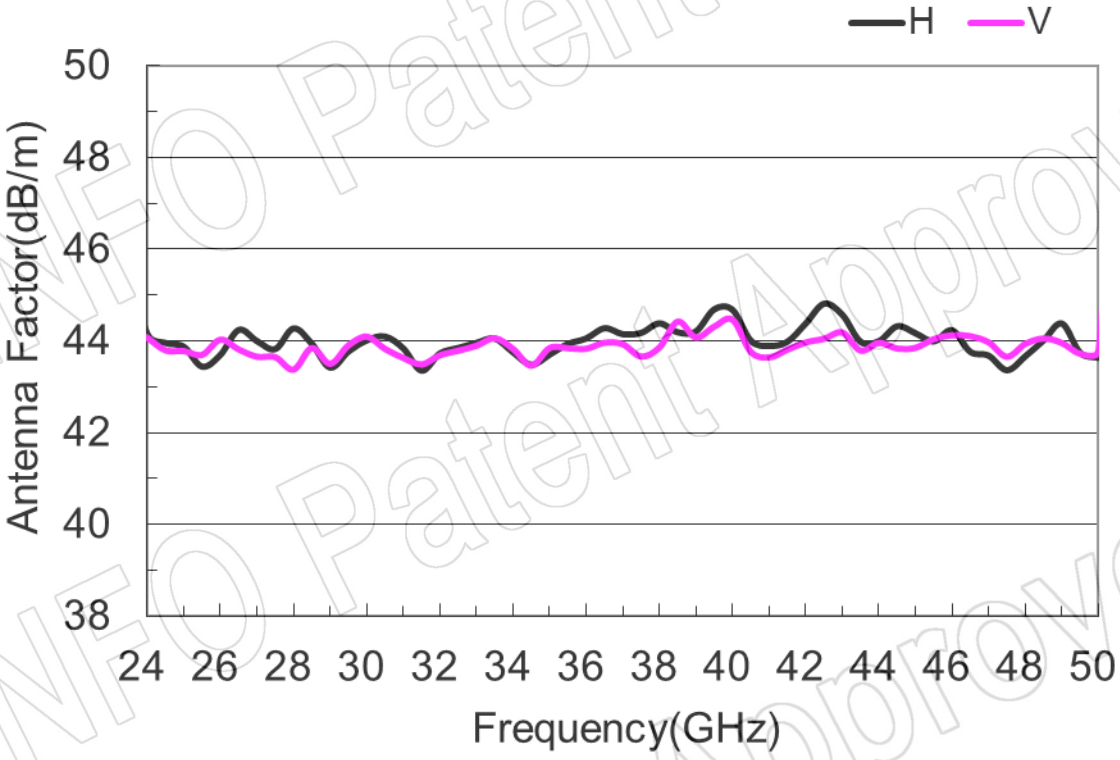
Test Results

1. Gain & Antenna Factor





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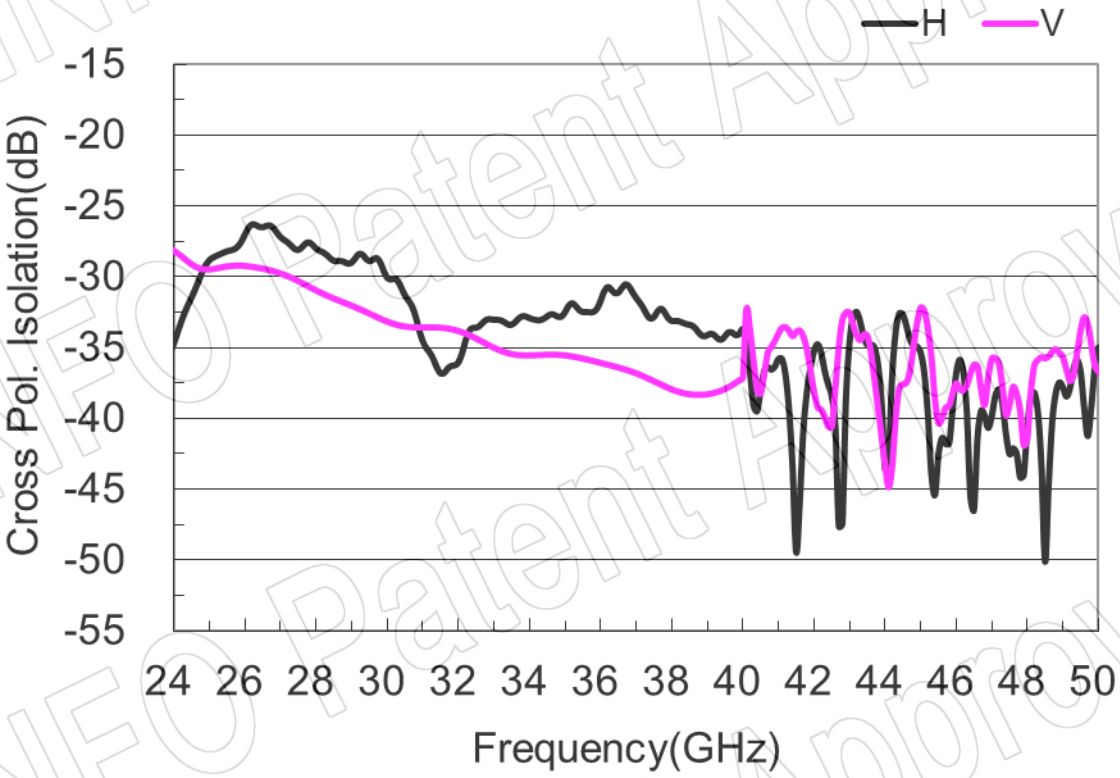
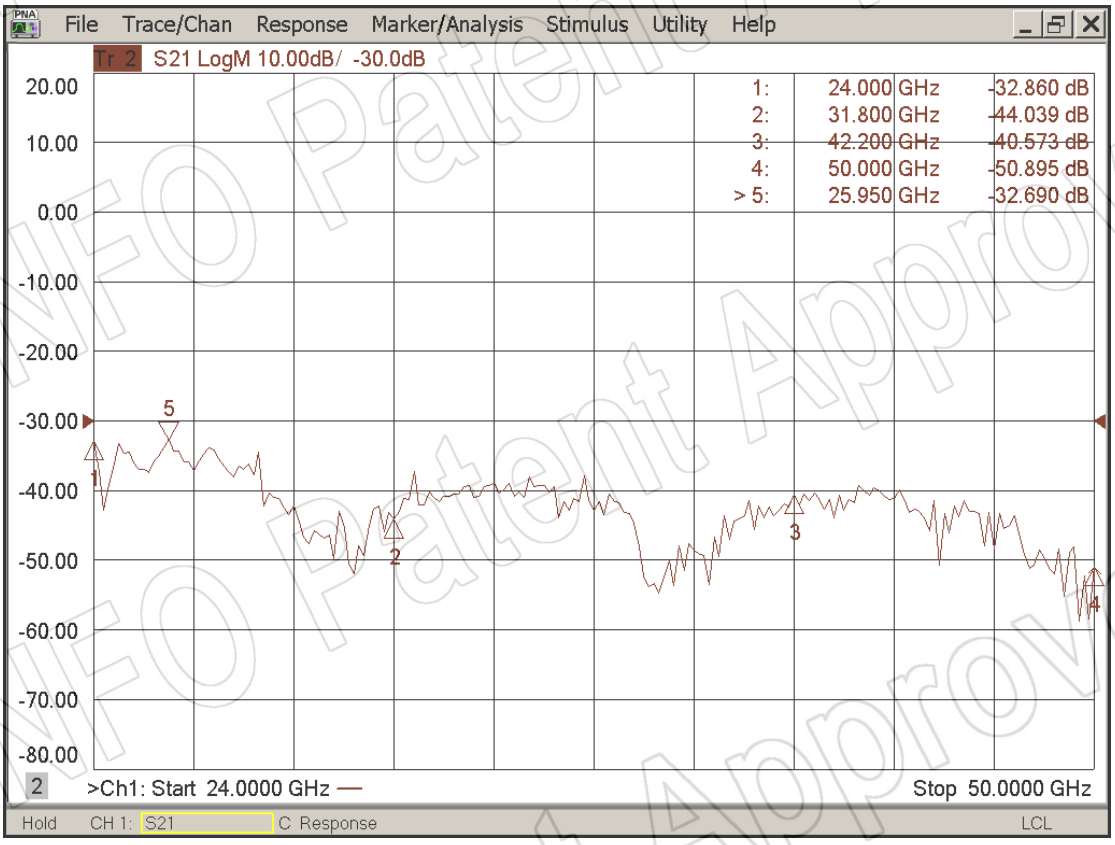
2. Cross Polarization Isolation



3. Port to Port Isolation



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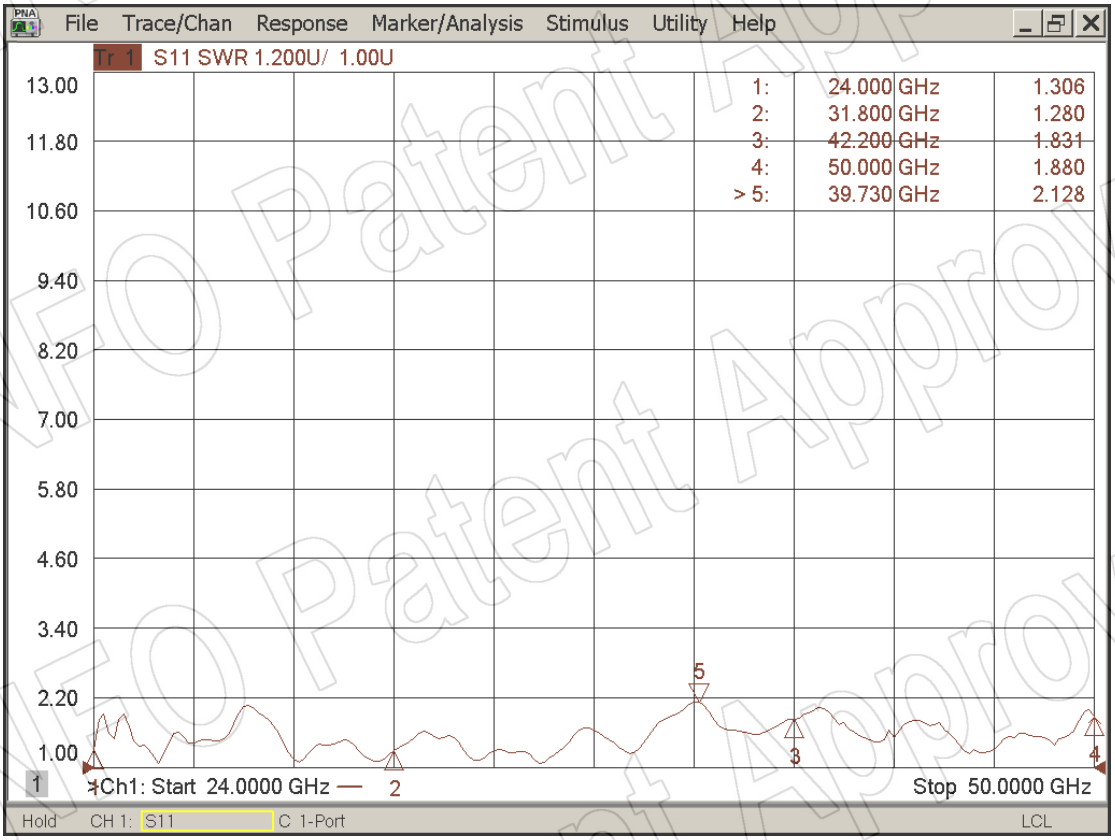
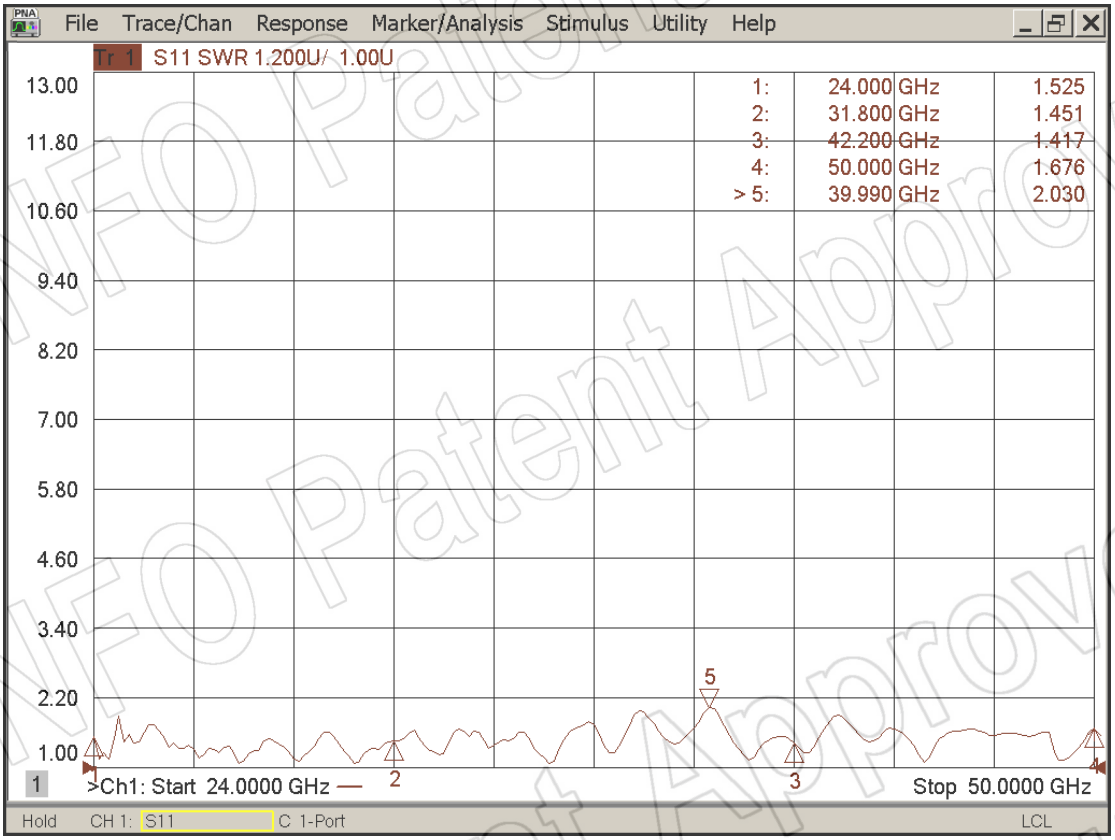
4. VSWR

Port-H



Port-V



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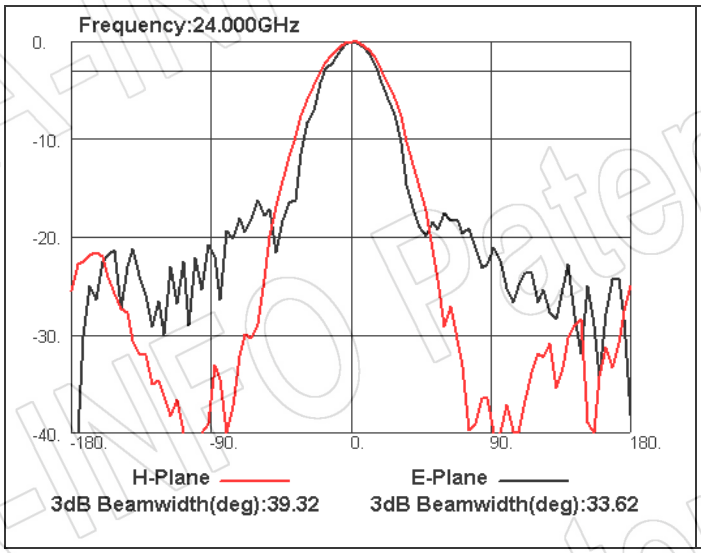
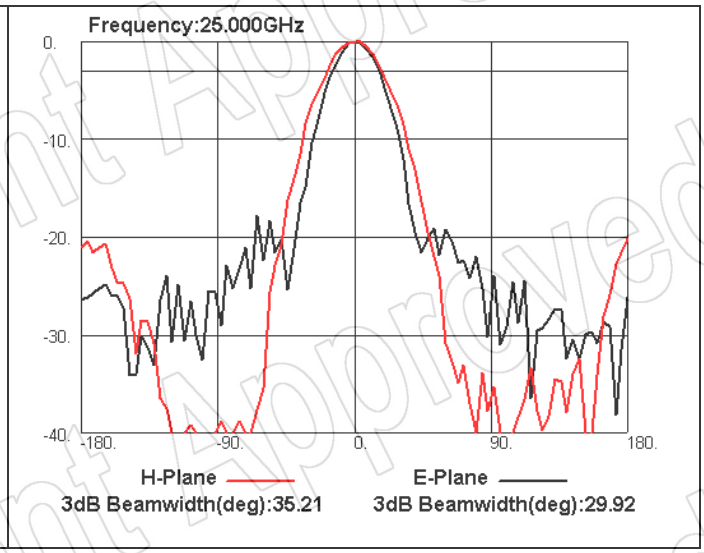
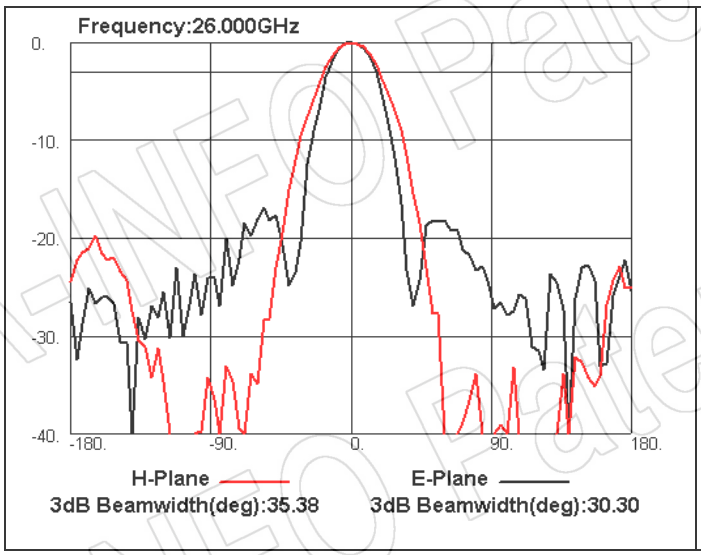
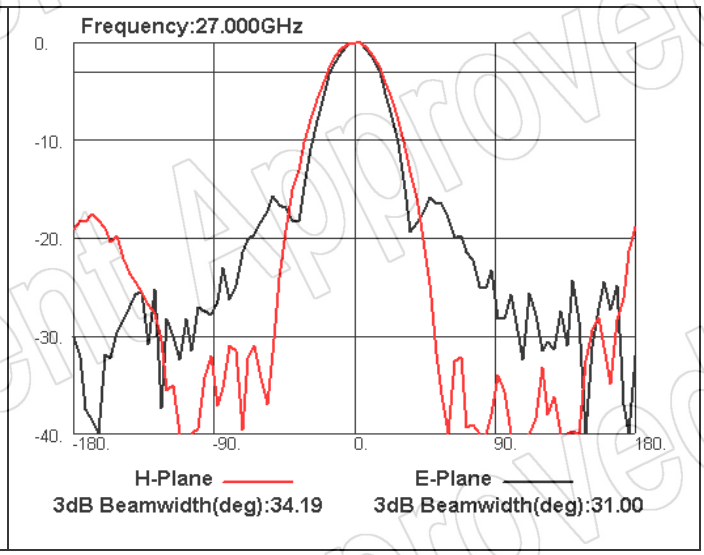
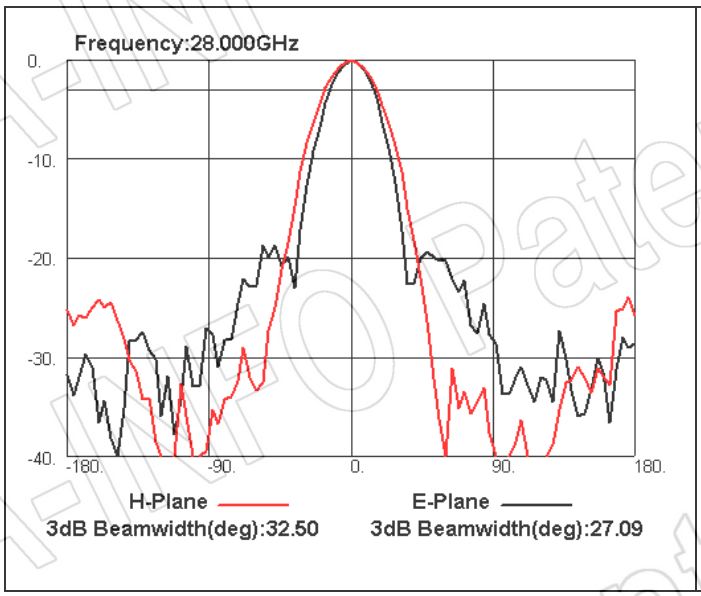
5. Pattern

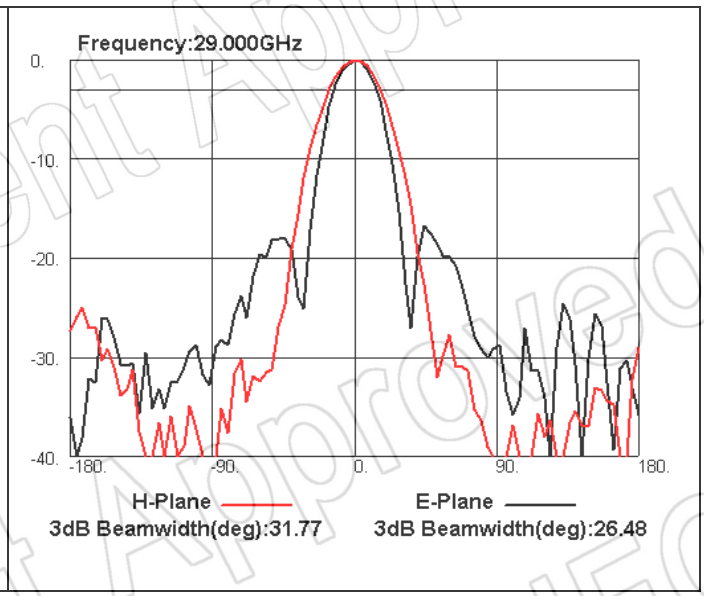












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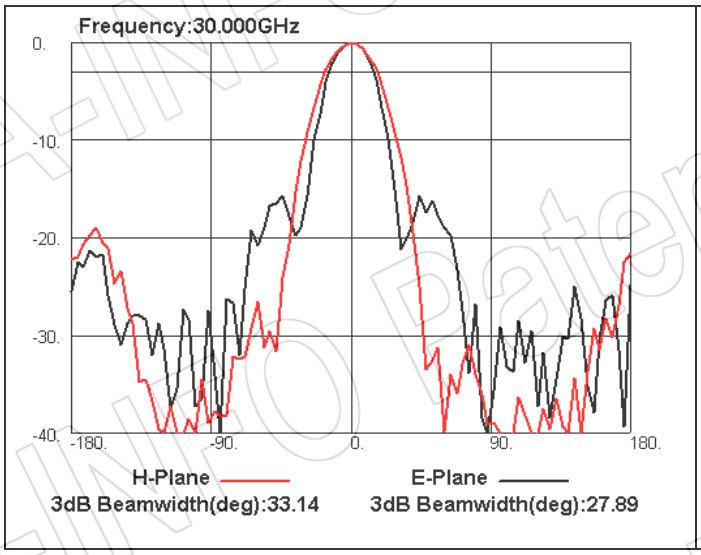

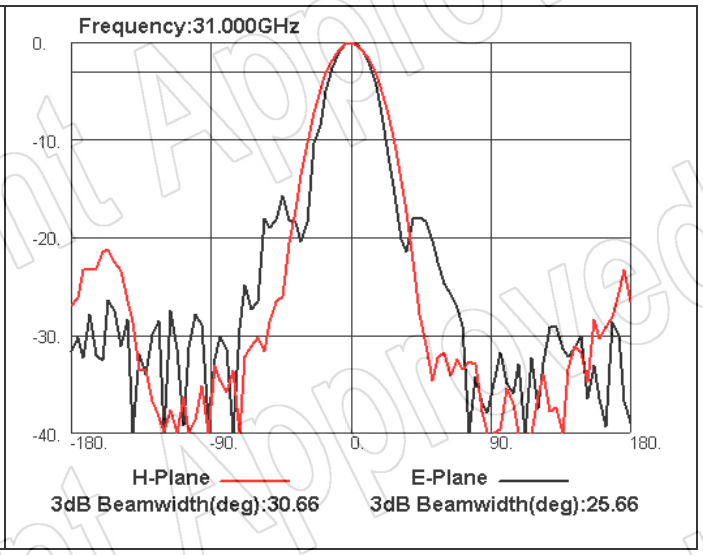

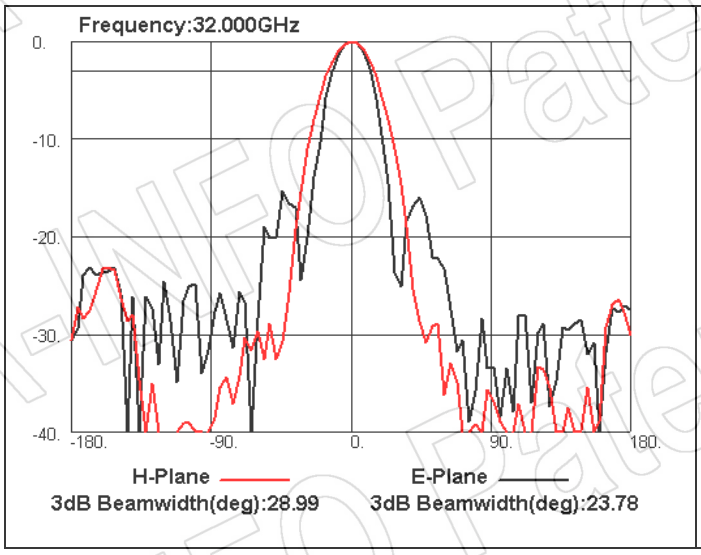

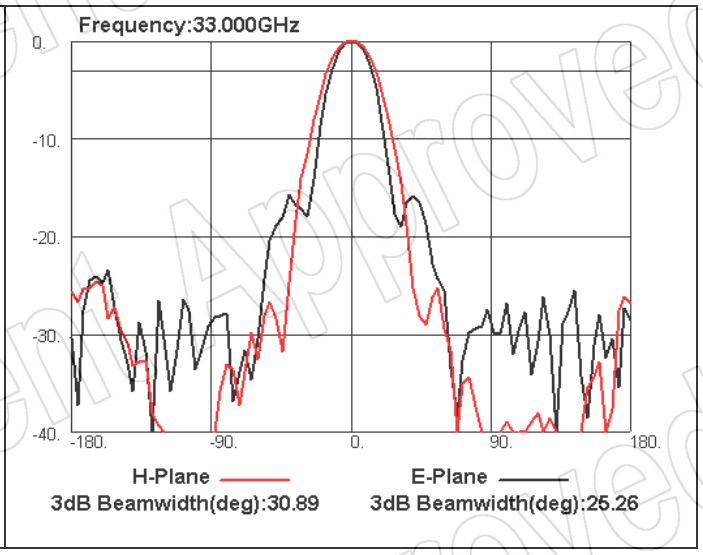

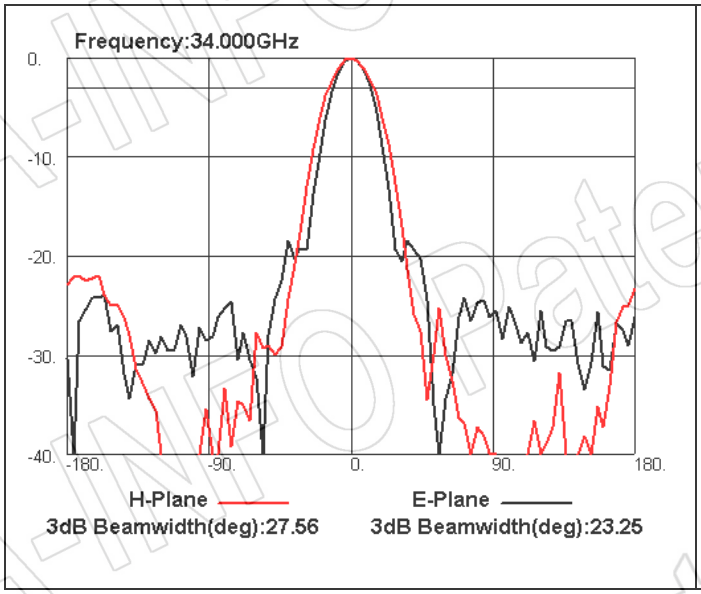

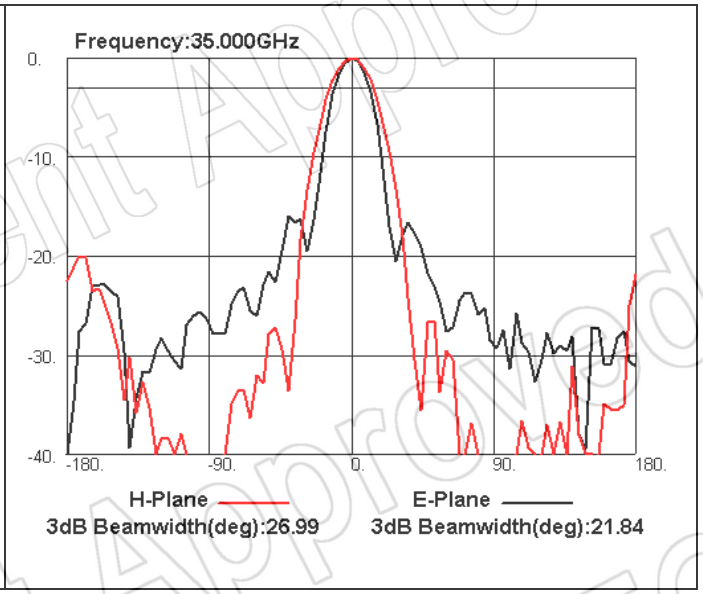

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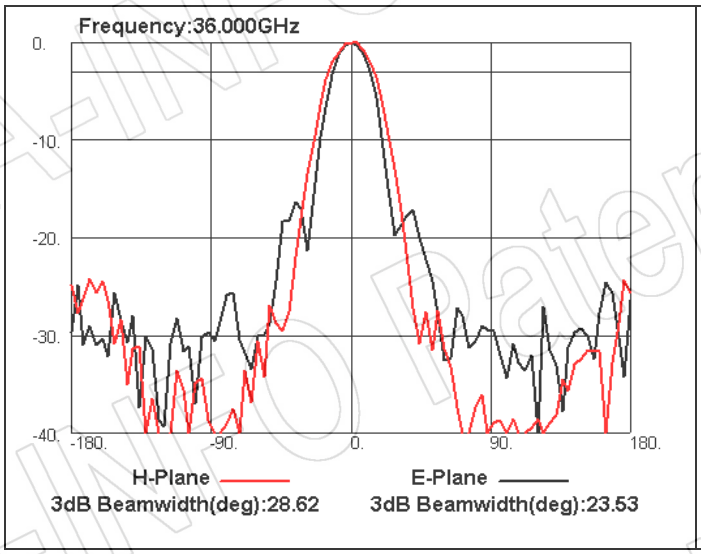

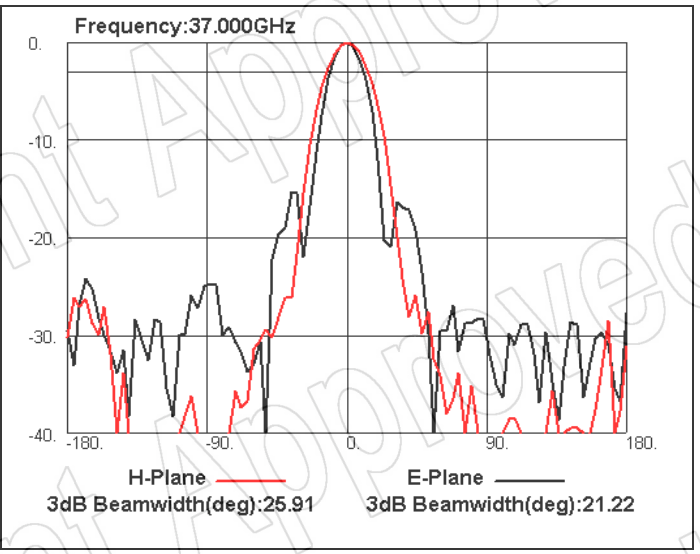

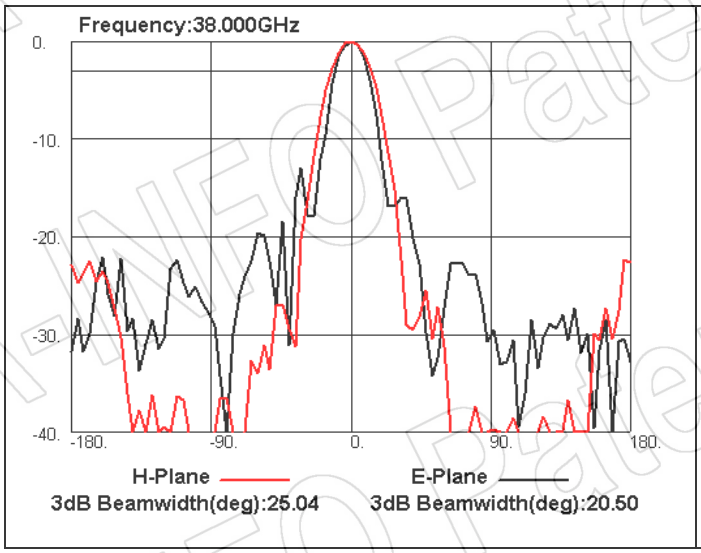

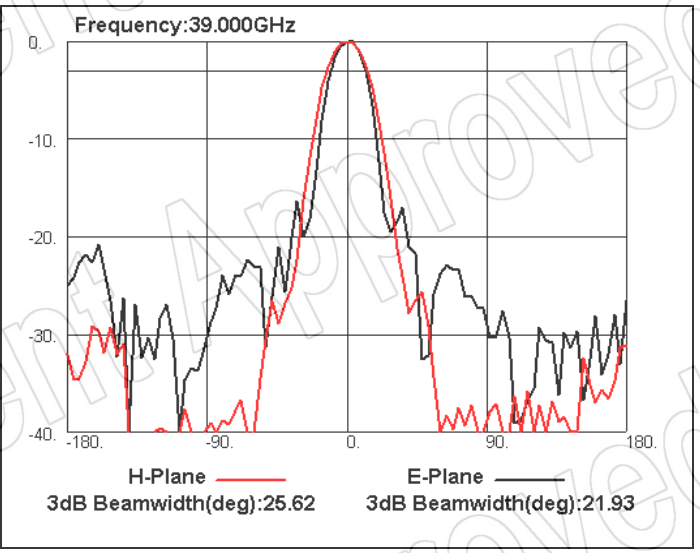

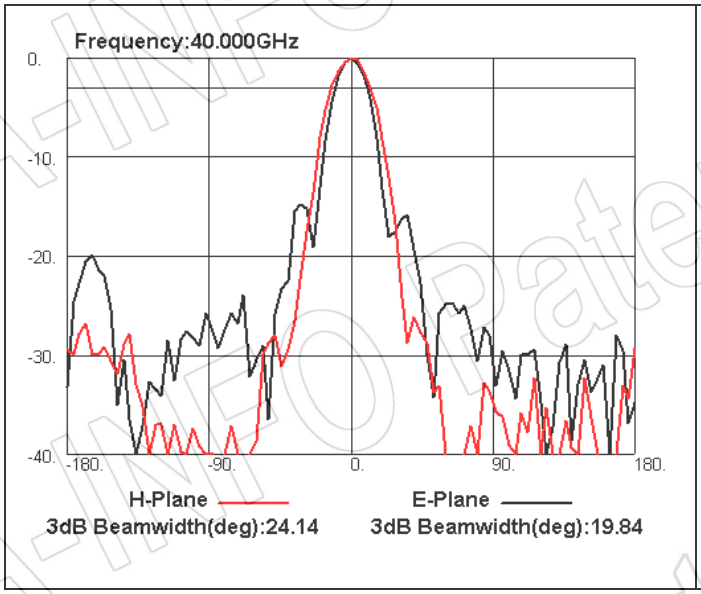

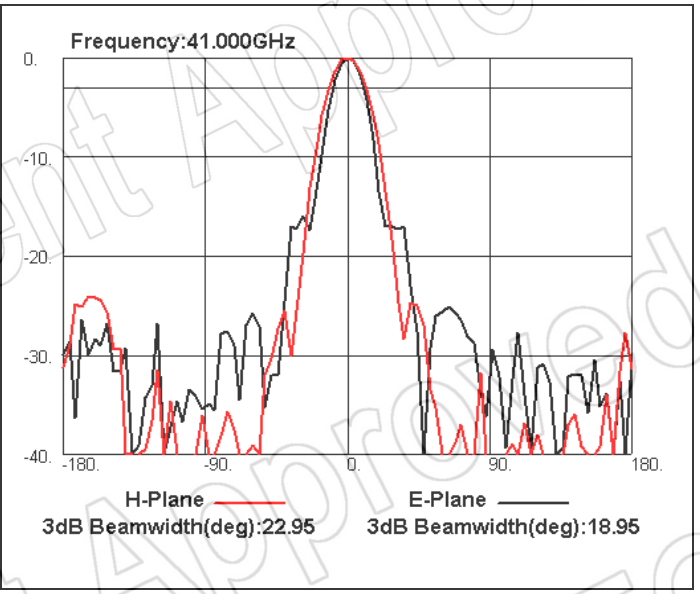

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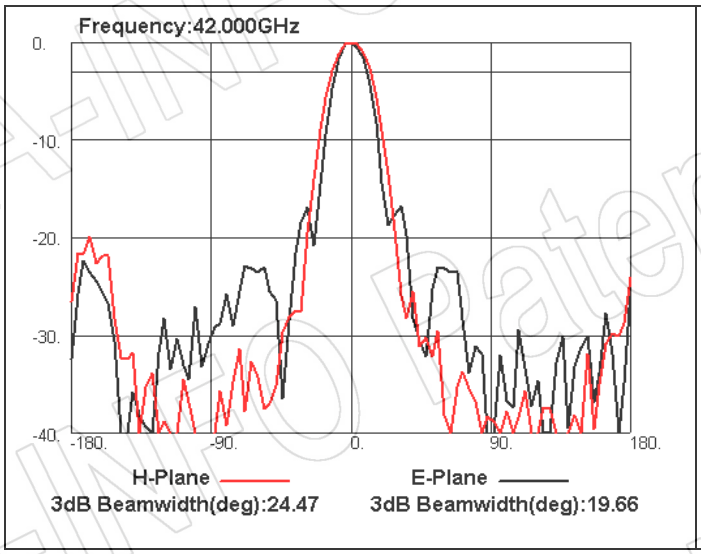

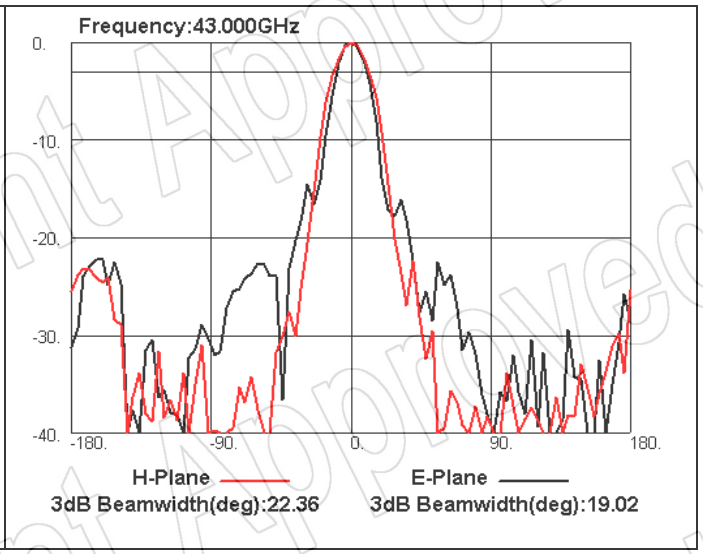

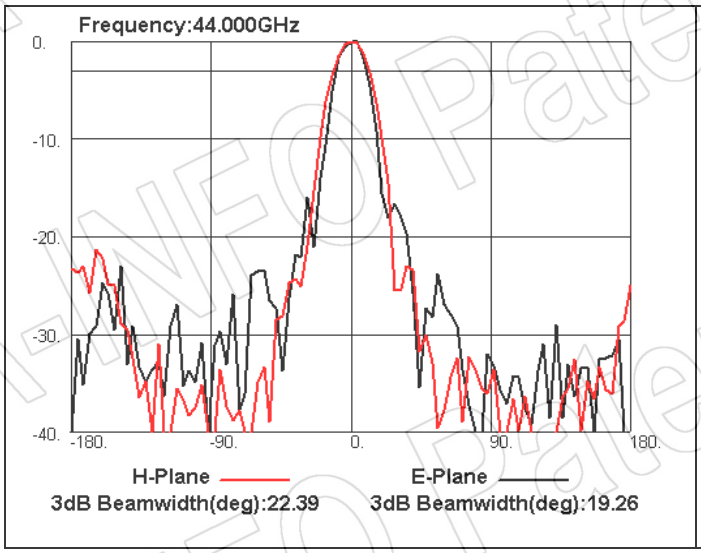

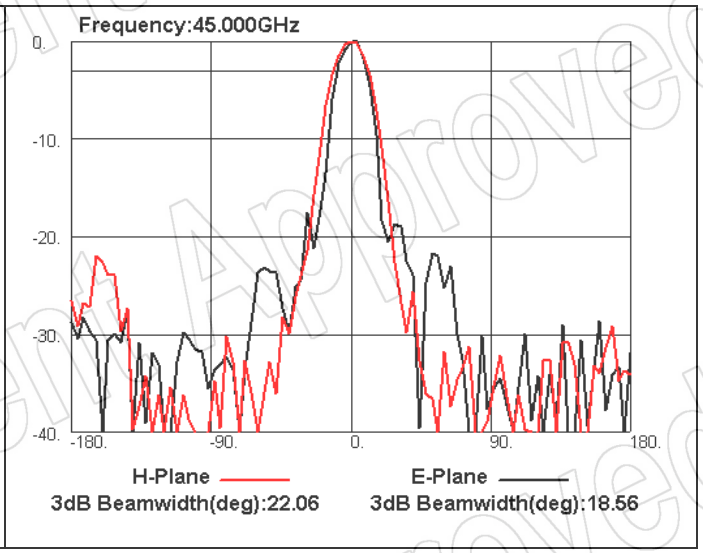

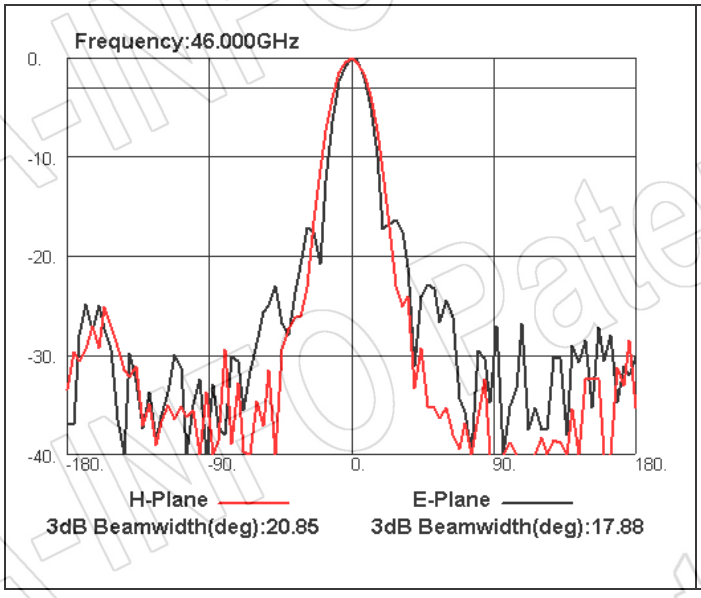

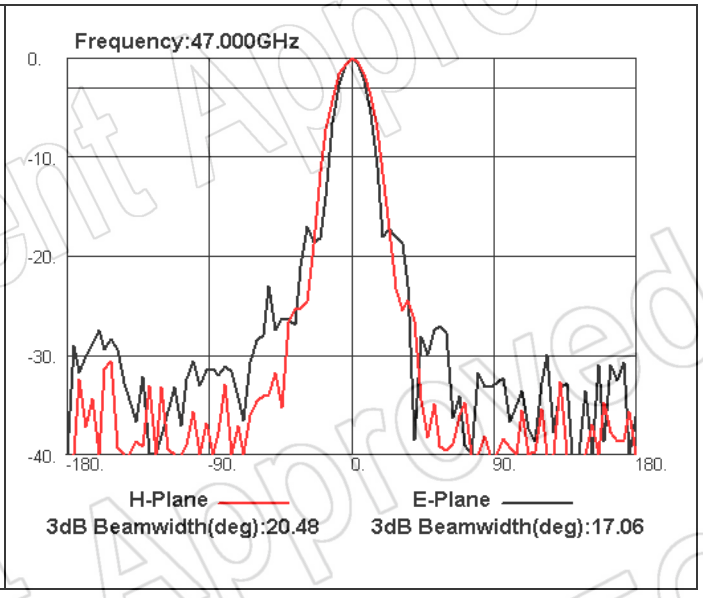

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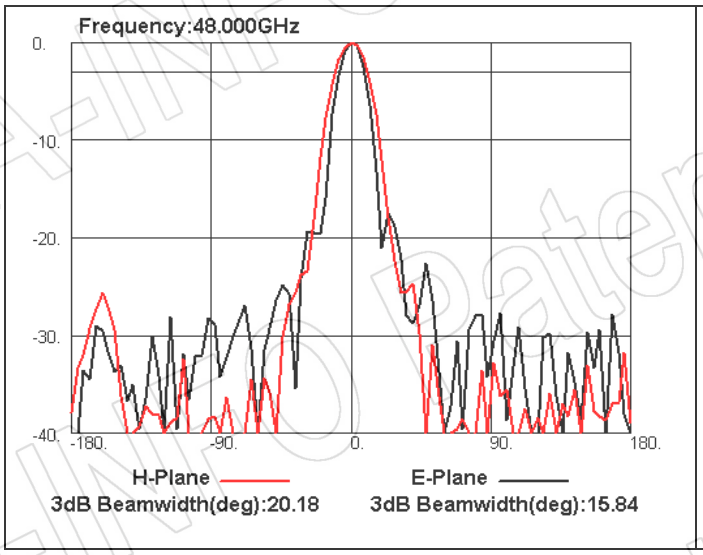

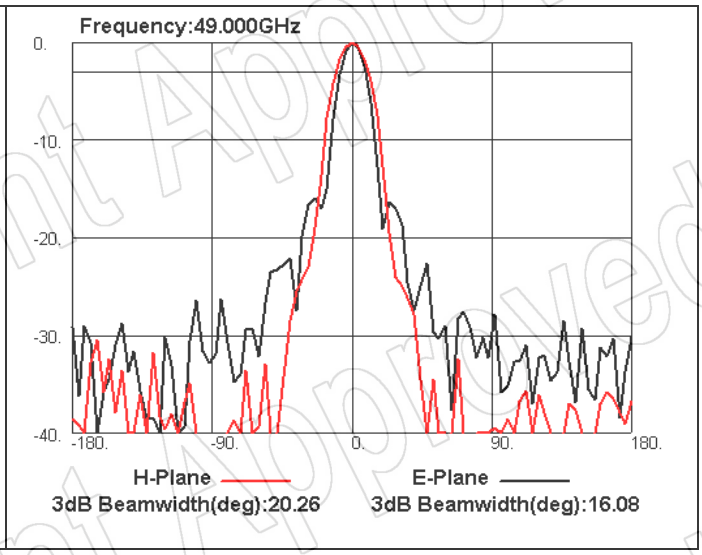

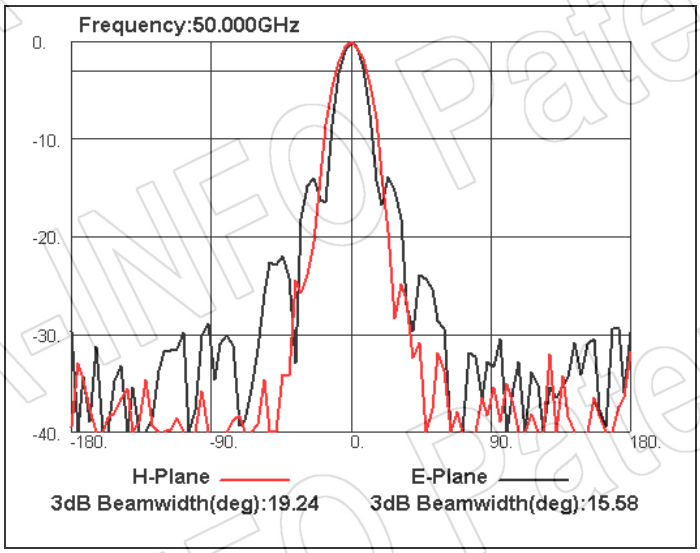

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