Technical Specification

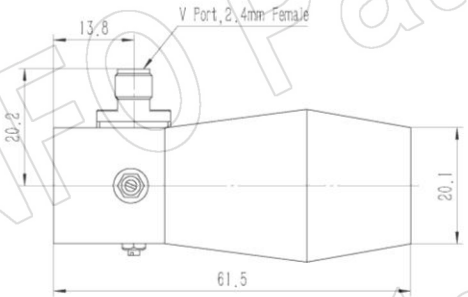
Frequency Range(GHz)	18 - 50
Gain(dBi)	15 Typ.
Polarization	Dual Pol.
3dB Beamwidth(deg)	54 - 22
Cross Pol. Isolation(dB)	30 Typ.; 20 Min.
Port to Port Isolation(dB)	35 Typ.; 25 Min.
VSWR	1.5:1 Typ.
	2.0:1 Max.
Connector	2.4mm-Female or 1.85mm-Female
Power Handling(W CW)	2.4mm-Female: 10 Max.
	1.85mm-Female: 5 Max.
Material	Al
Size(mm)	33.4 x 33.4 x 61.5
Net Weight(Kg)	0.07 Around

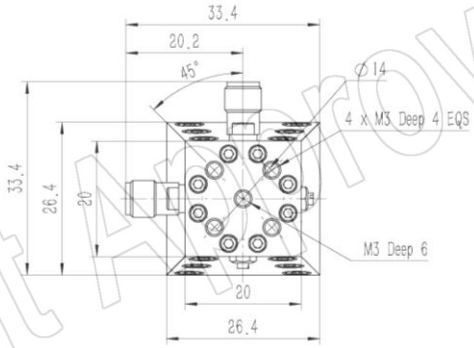
PATENT ID (China) **ZL202030750673.5**

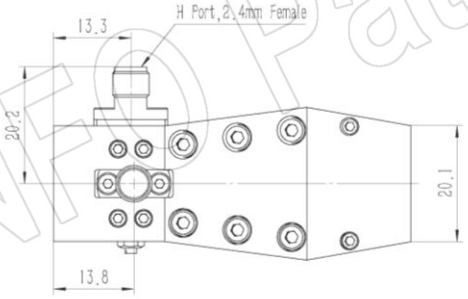
Outline Drawing (Size: mm)

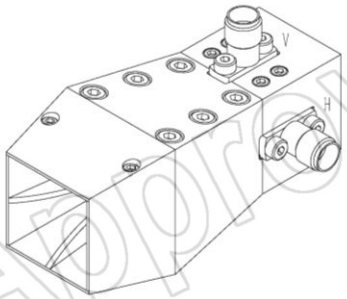
2.4mm-Female Output (P/N: LB-SJ-180500-2.4F)

For 1.85mm-Female output outline drawing, please contact A-INFO.









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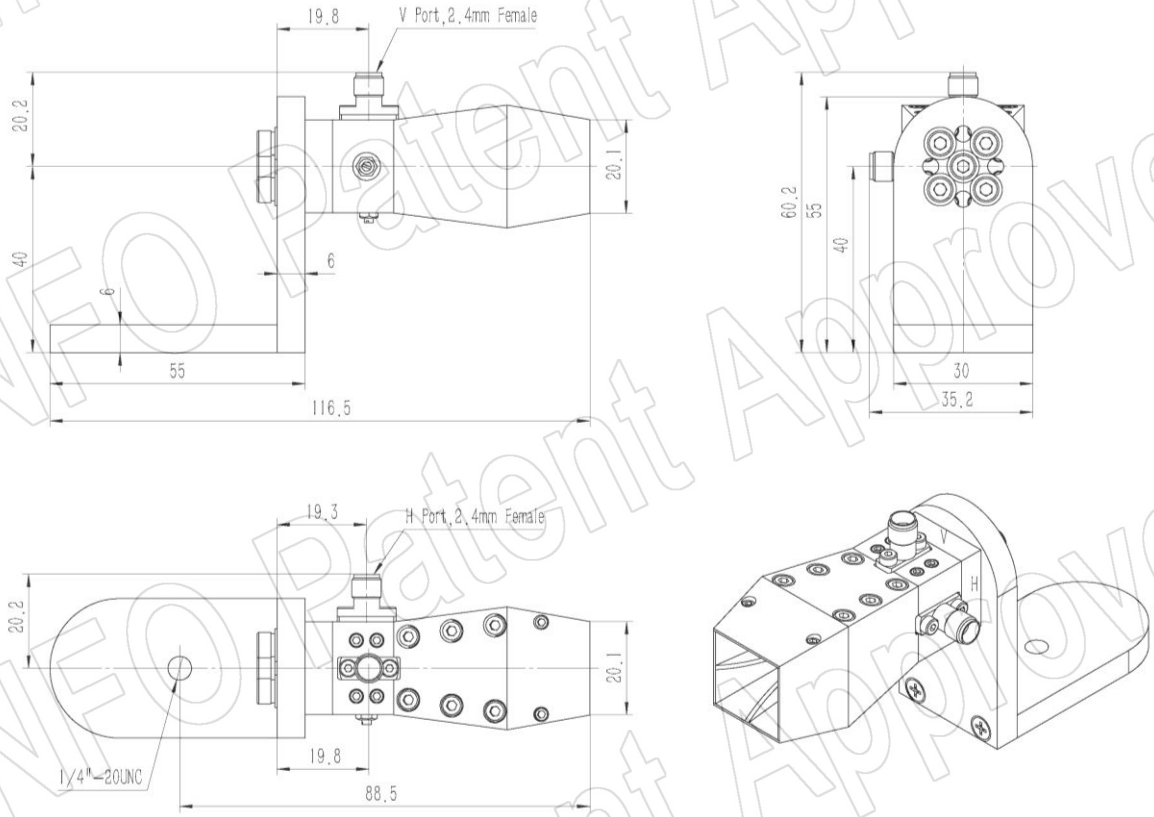
2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-SJ-180400-L)

For 1.85mm-Female output outline drawing, please contact A-INFO.



A-INFO Patent Approved

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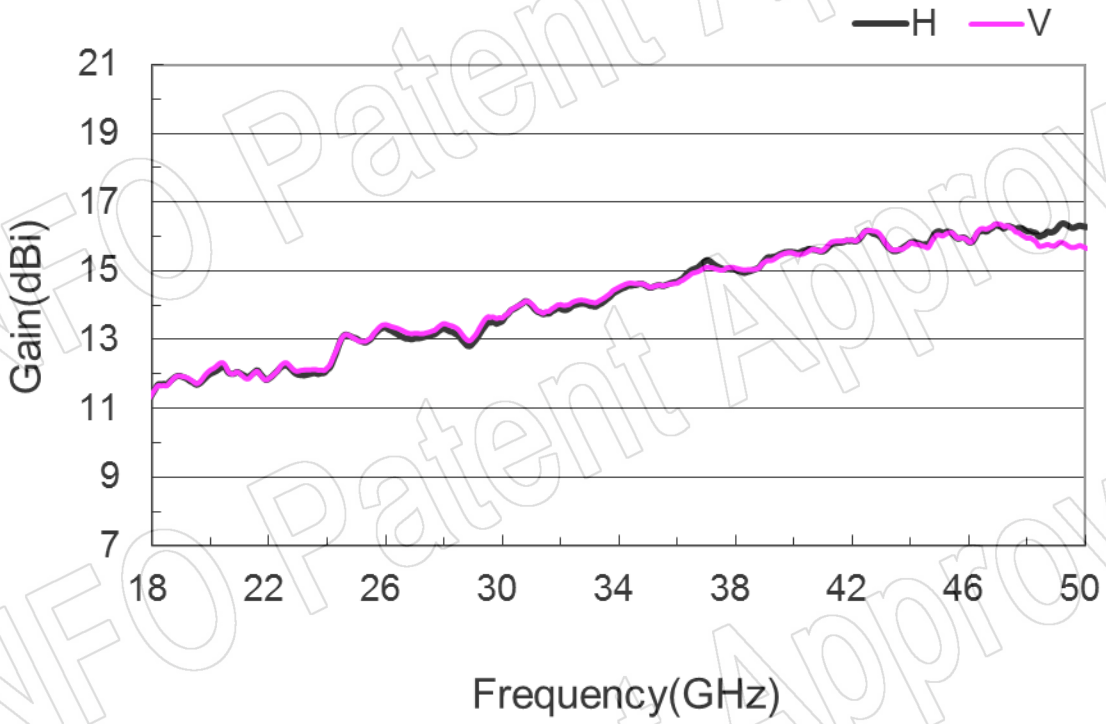
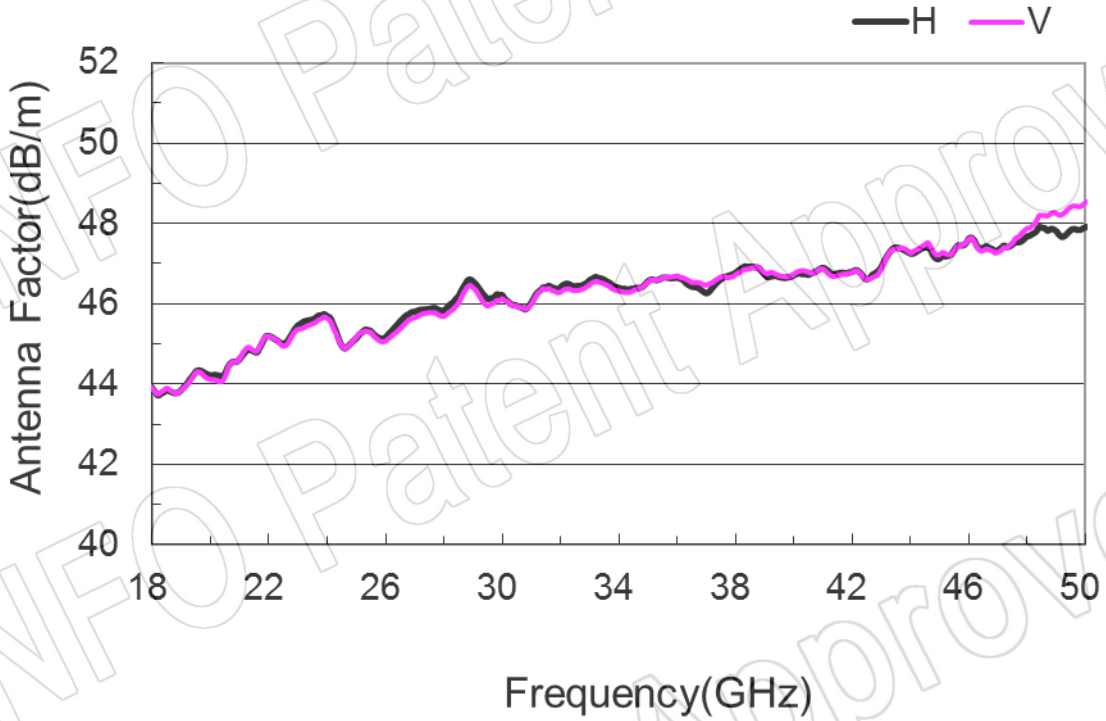
Test Results

1. Gain & Antenna Factor





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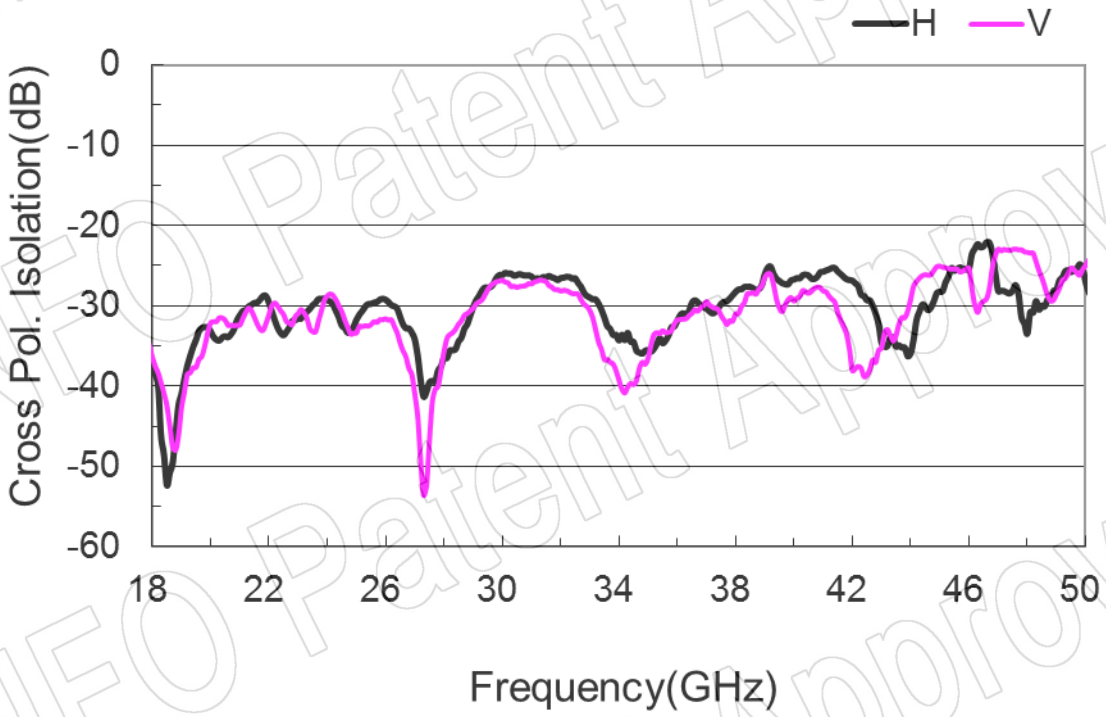
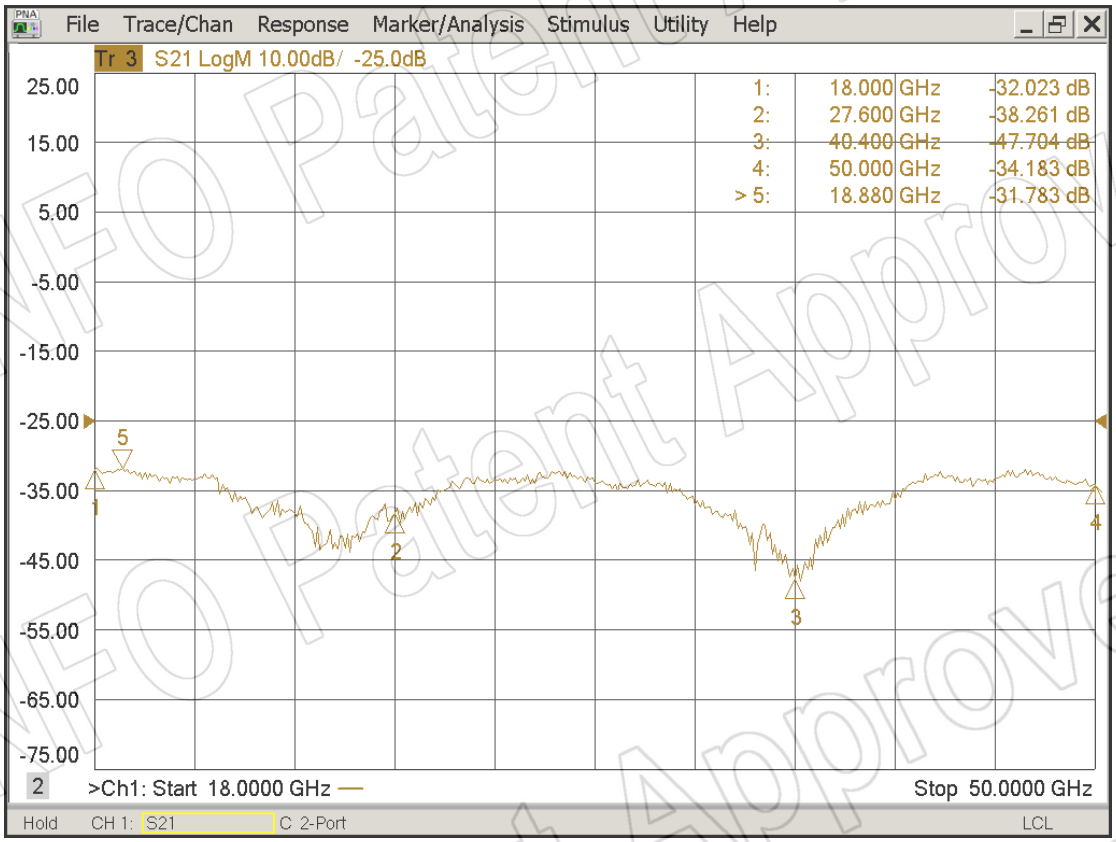
2. Cross Polarization Isolation



3. Port to Port Isolation



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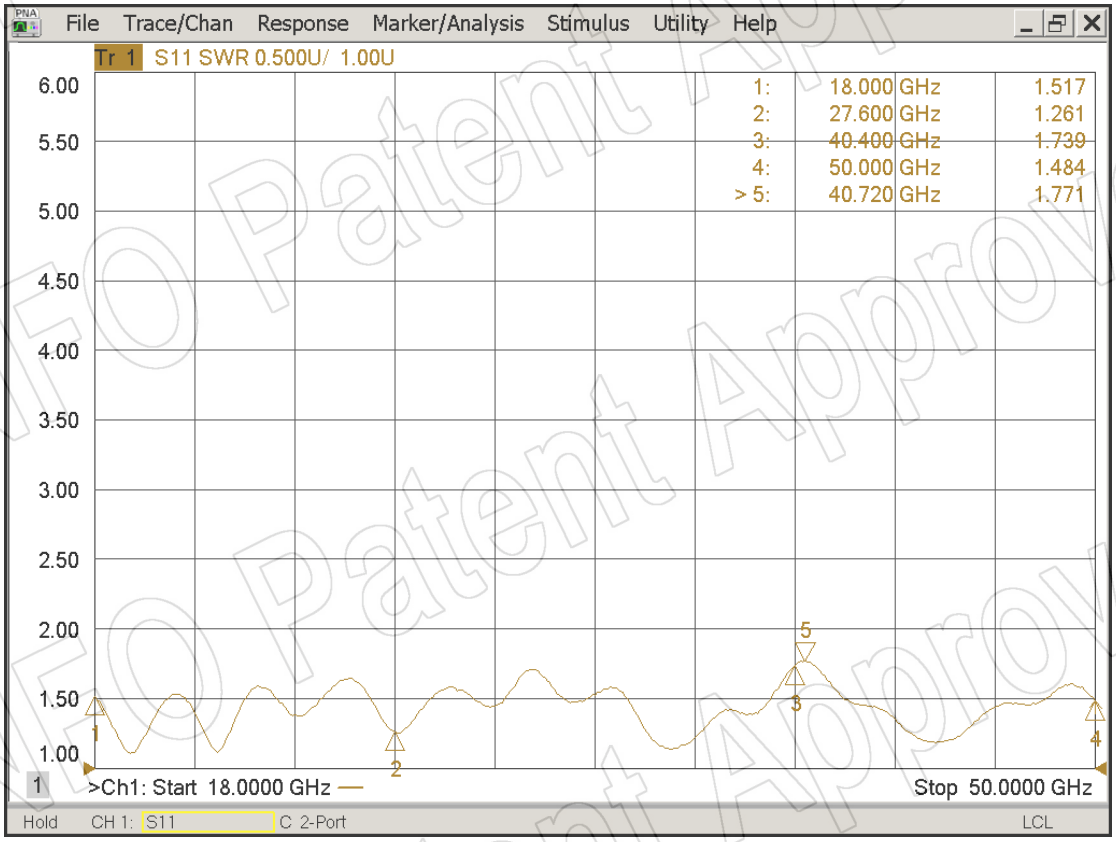
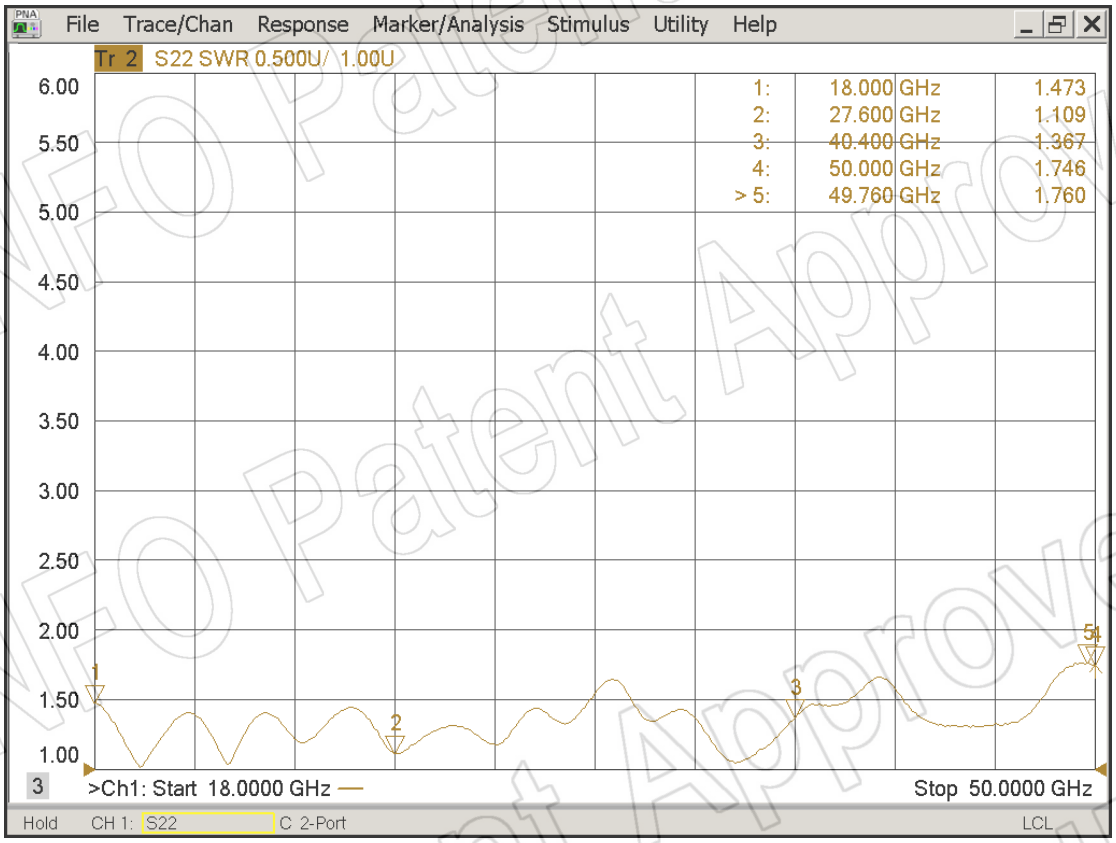
4. VSWR

Port-H



Port-V



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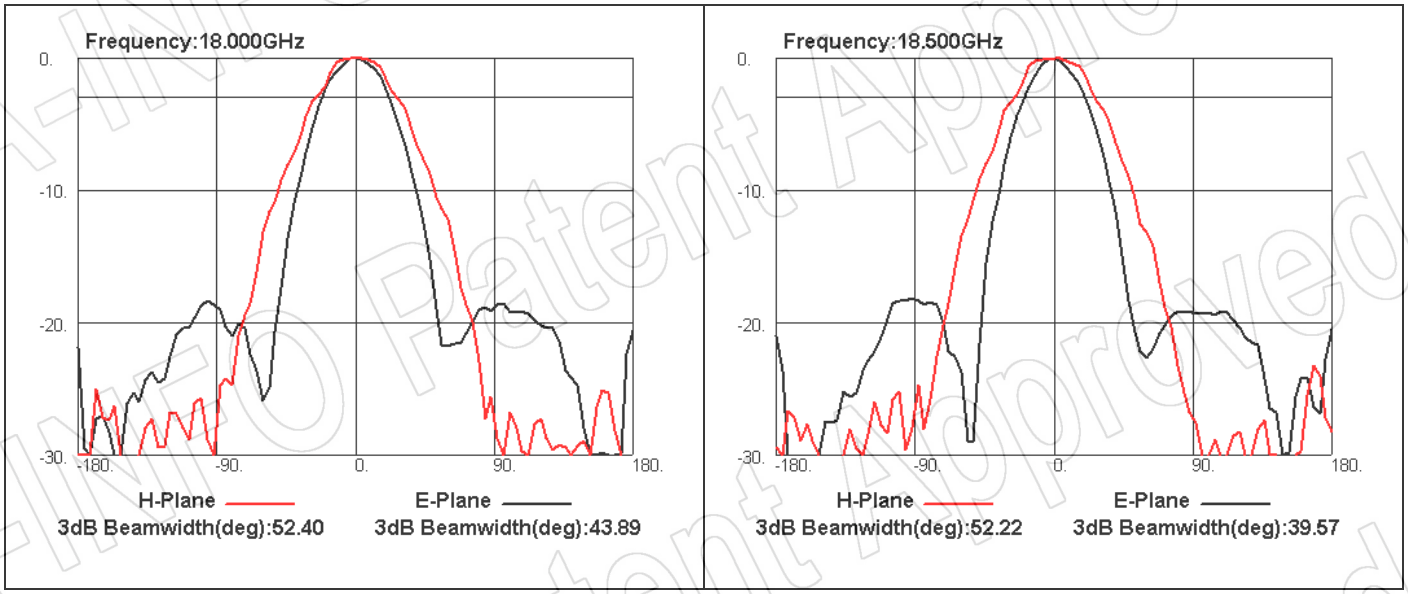
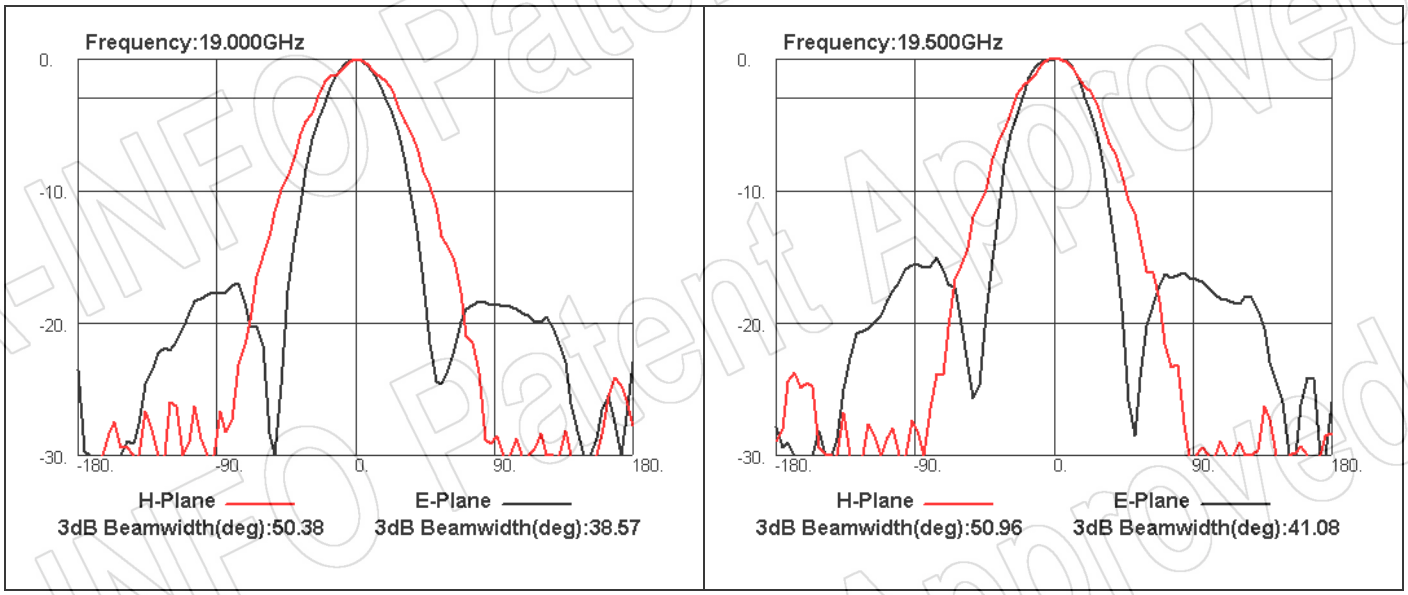
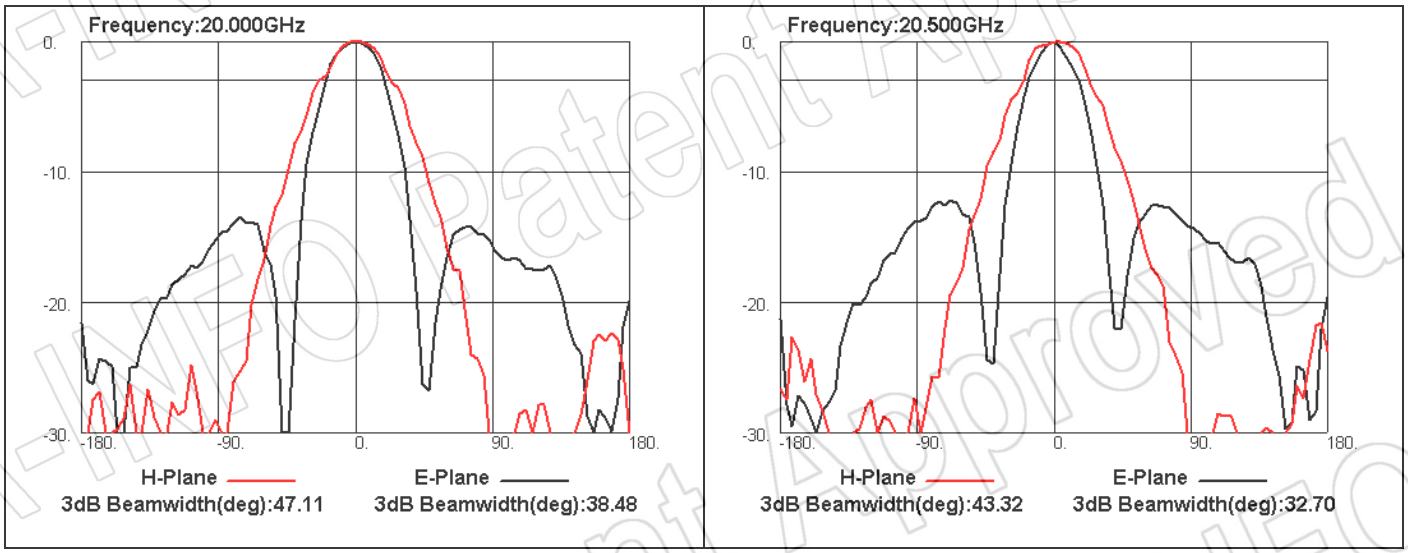
5. Pattern







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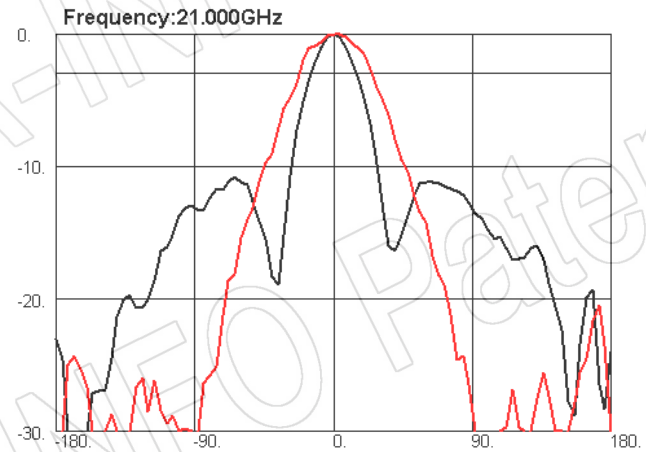
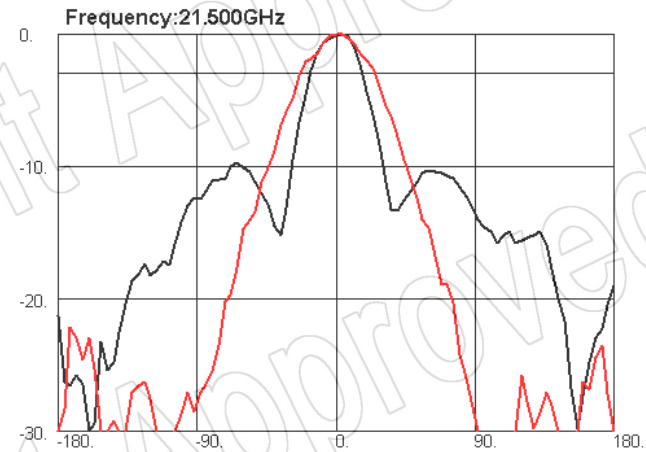
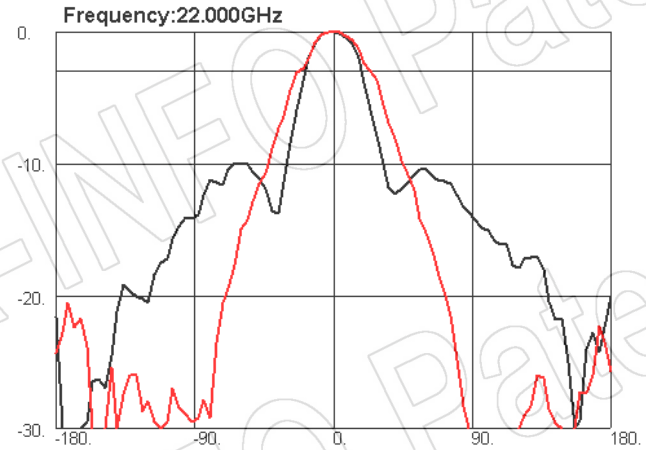


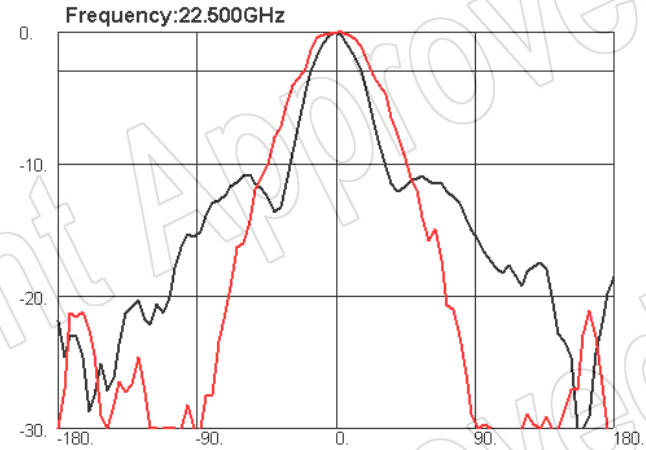
3dB Beamwidth(deg):47.28 3dB Beamwidth(deg):28.70



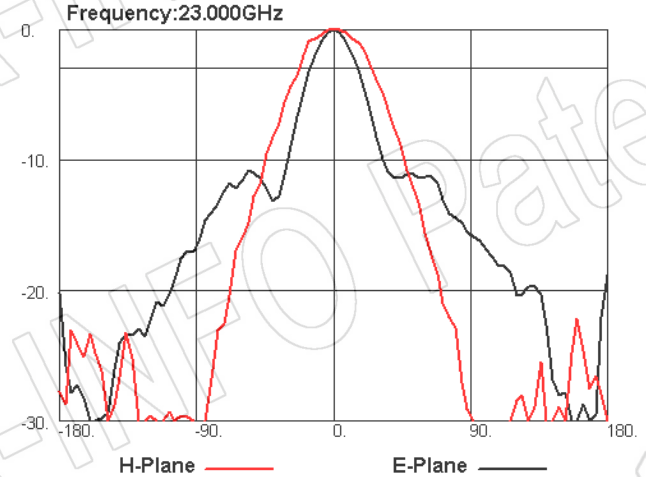
3dB Beamwidth(deg):48.69 3dB Beamwidth(deg):33.27



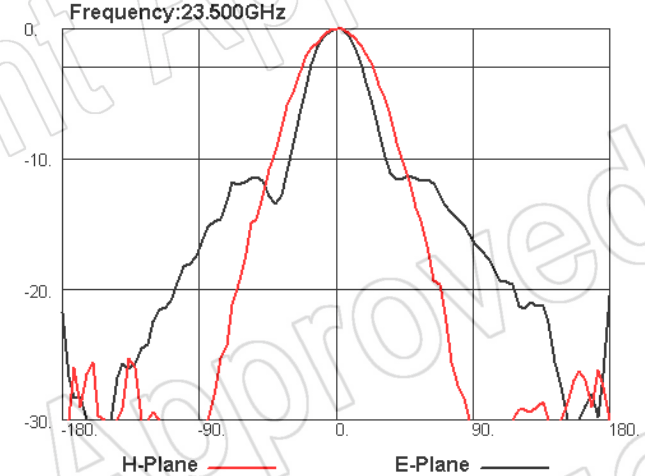
3dB Beamwidth(deg):47.54 3dB Beamwidth(deg):36.45



3dB Beamwidth(deg):44.35 3dB Beamwidth(deg):32.30



3dB Beamwidth(deg):47.37 3dB Beamwidth(deg):30.86



3dB Beamwidth(deg):47.28 3dB Beamwidth(deg):33.31

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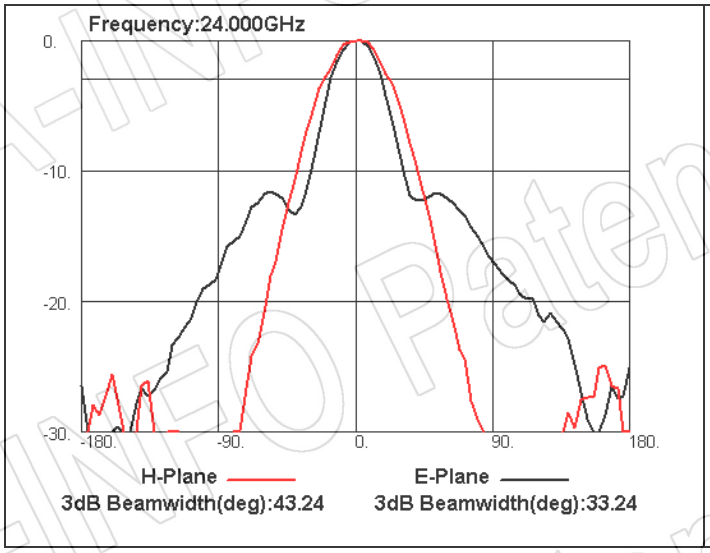
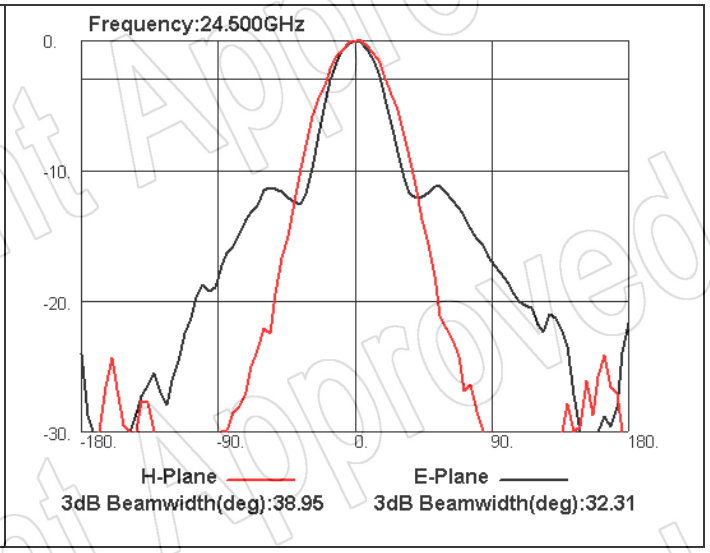
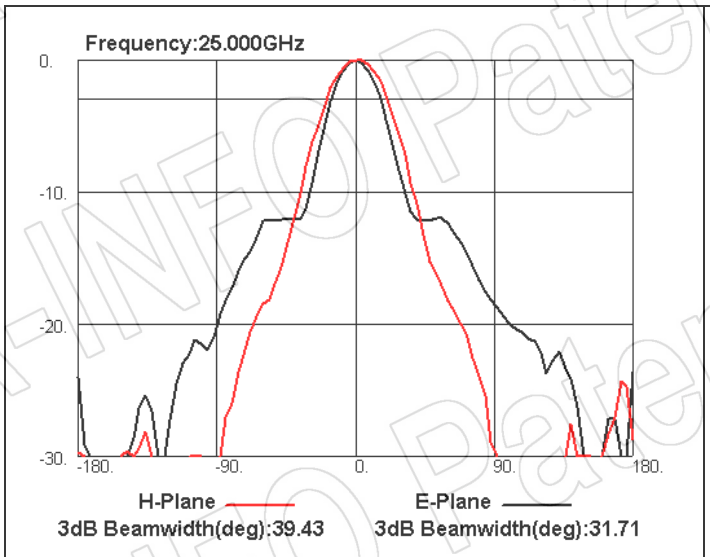


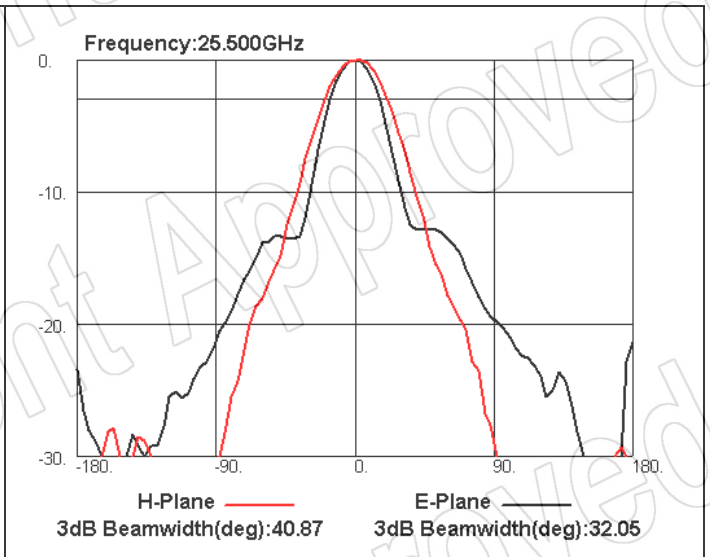
3dB Beamwidth(deg):43.24 3dB Beamwidth(deg):33.24



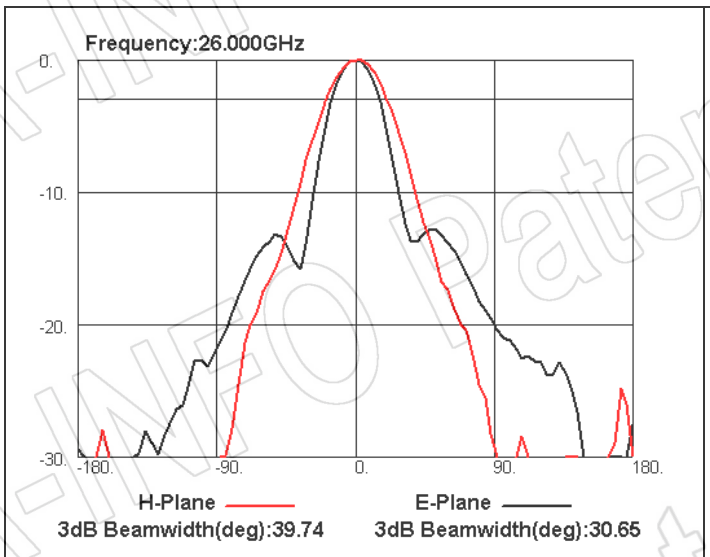
3dB Beamwidth(deg):38.95 3dB Beamwidth(deg):32.31



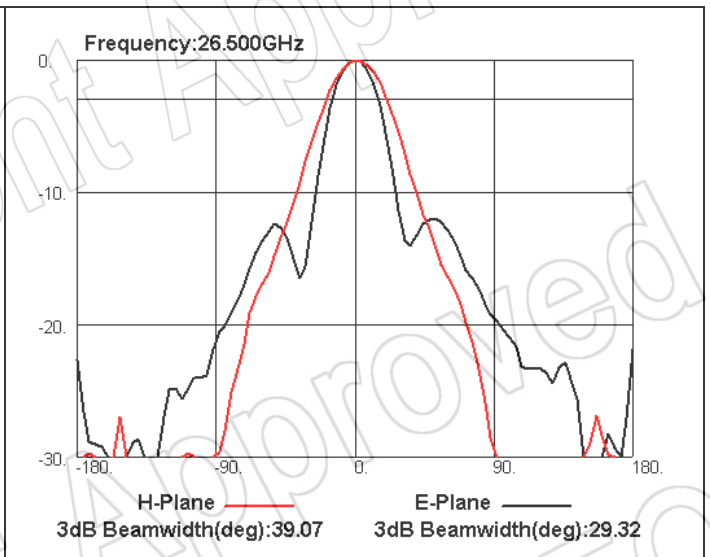
3dB Beamwidth(deg):39.43 3dB Beamwidth(deg):31.71



3dB Beamwidth(deg):40.87 3dB Beamwidth(deg):32.05



3dB Beamwidth(deg):39.74 3dB Beamwidth(deg):30.65



3dB Beamwidth(deg):39.07 3dB Beamwidth(deg):29.32

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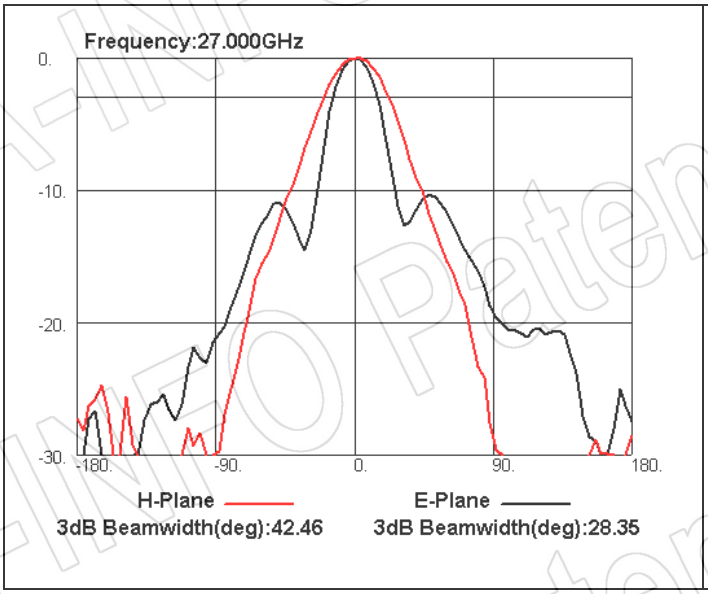

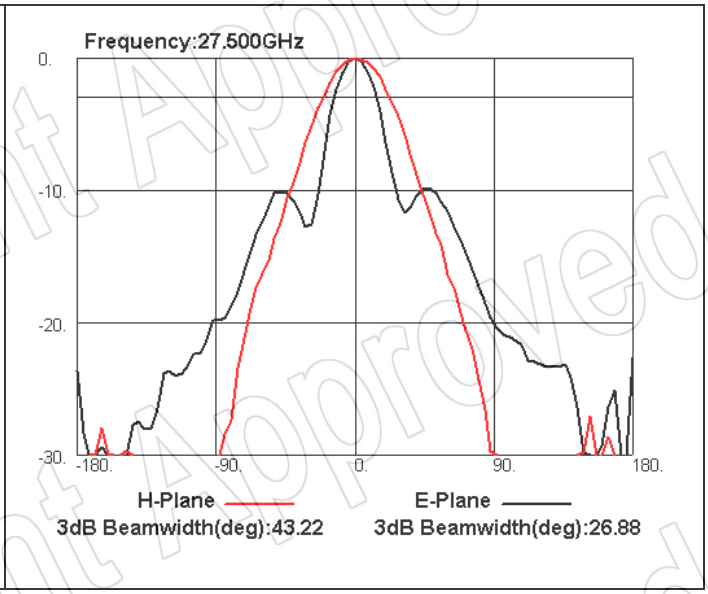

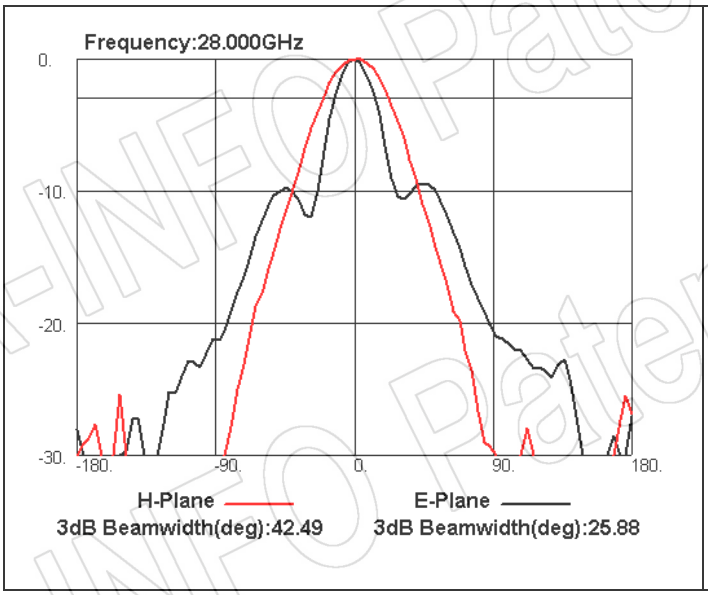

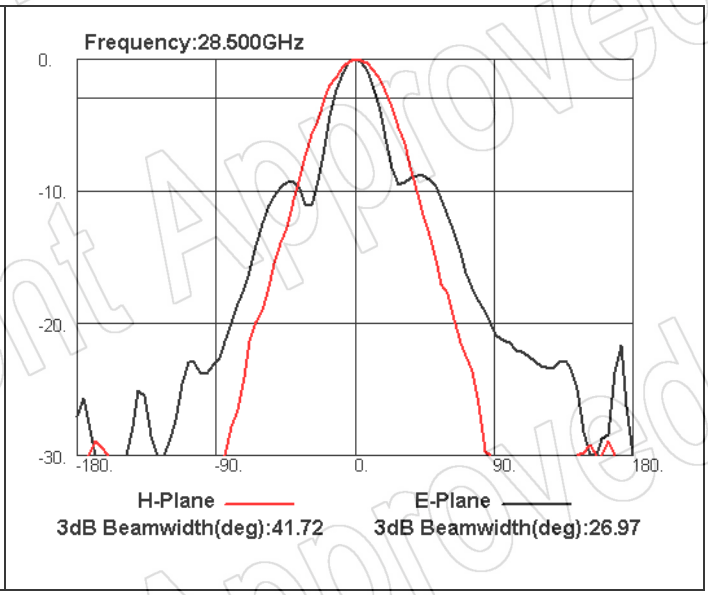

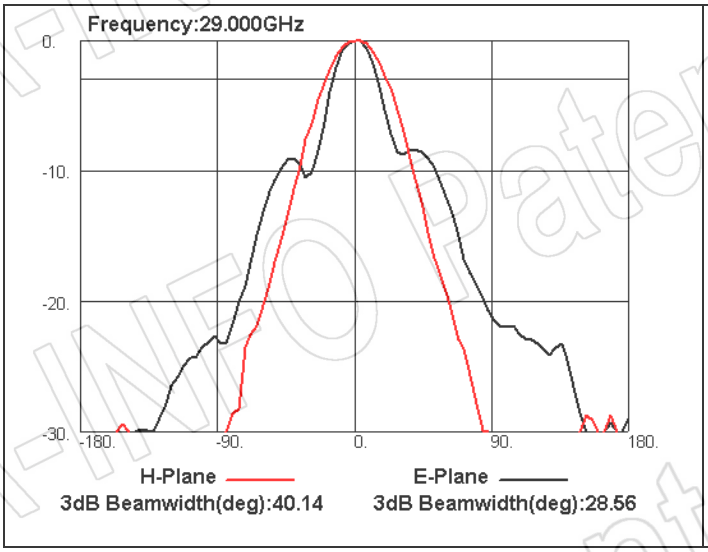

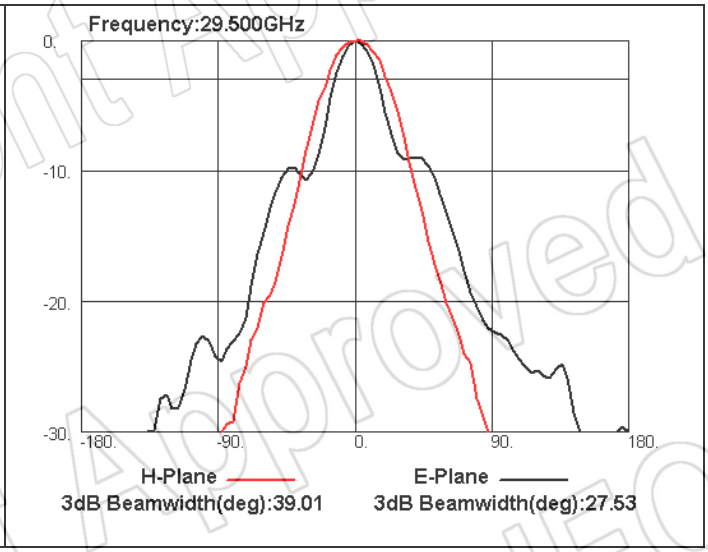

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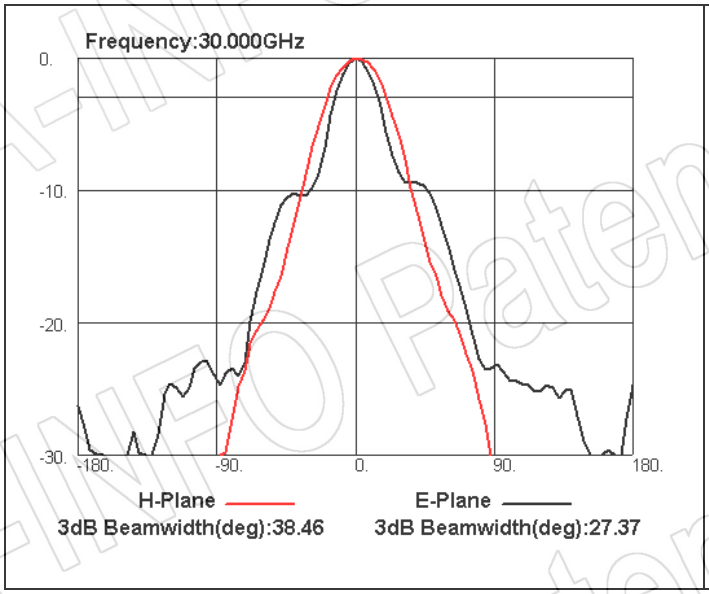

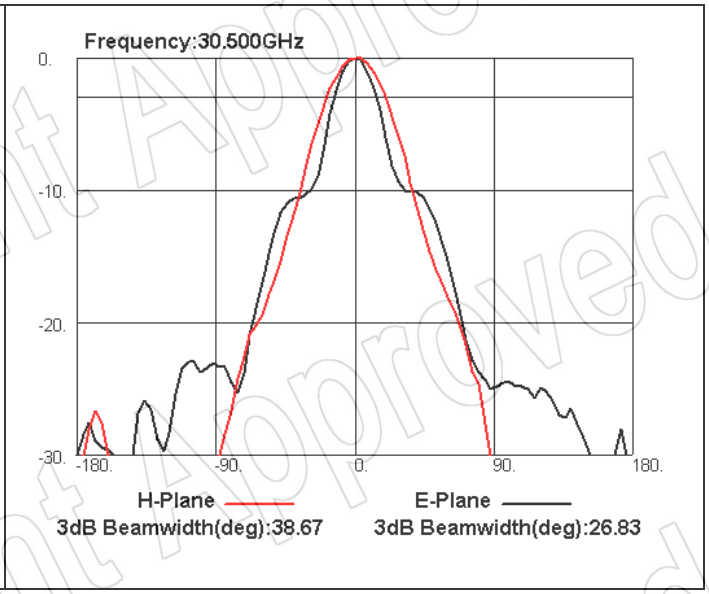

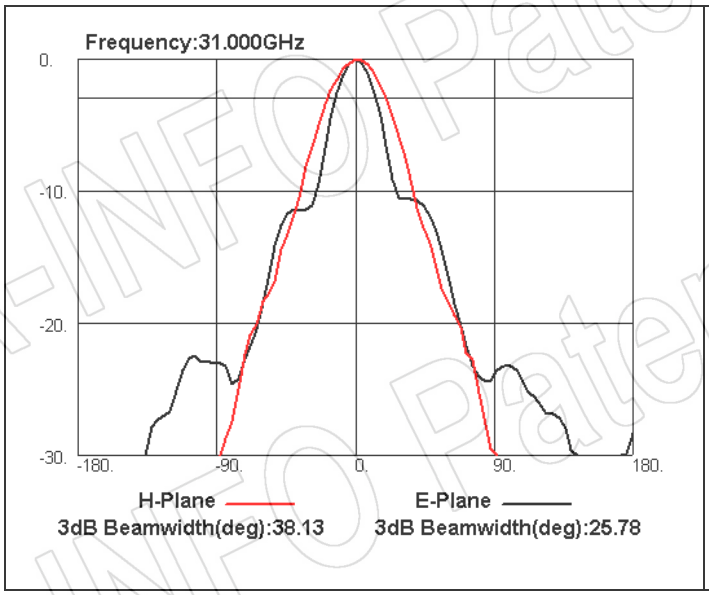

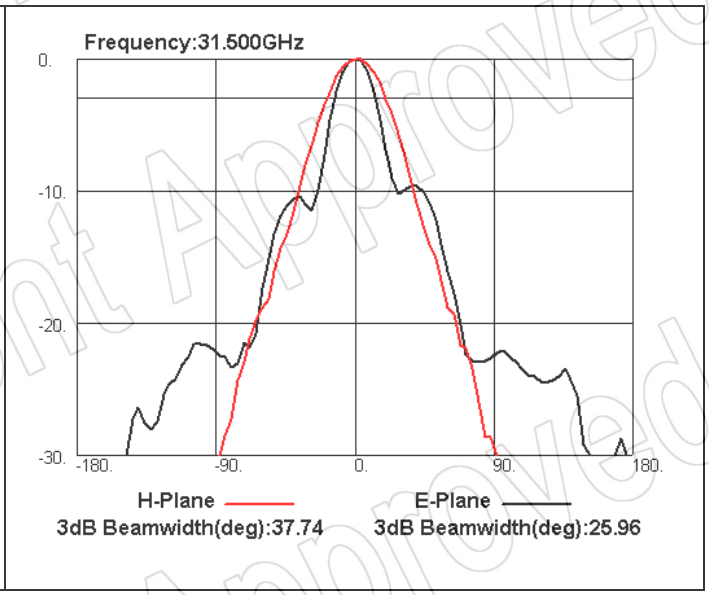

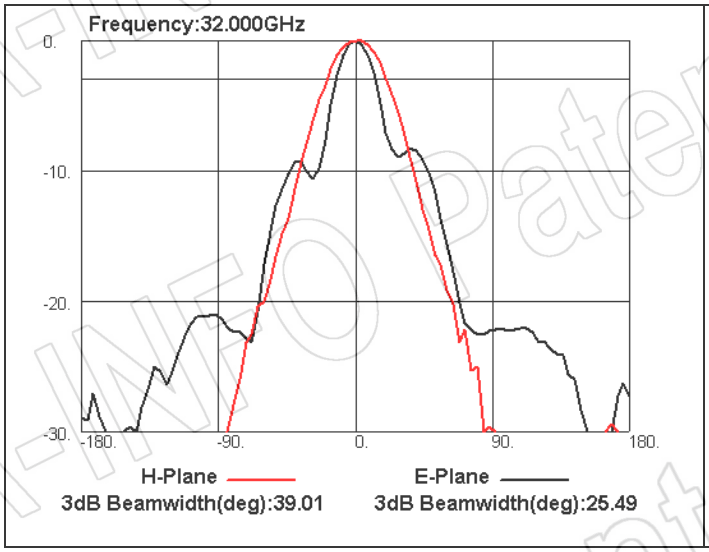

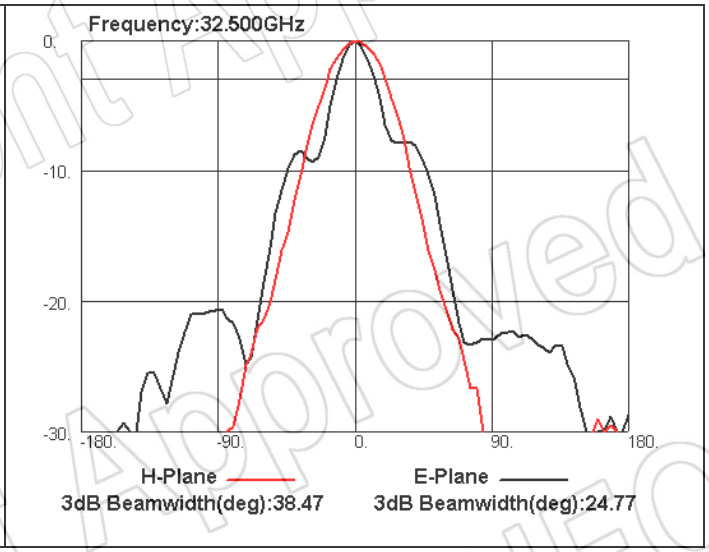

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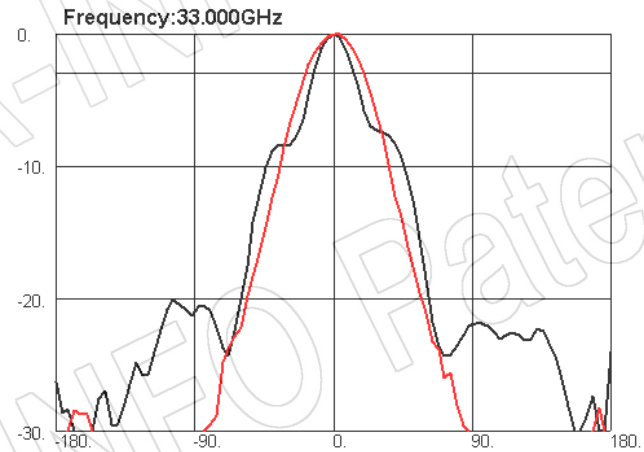
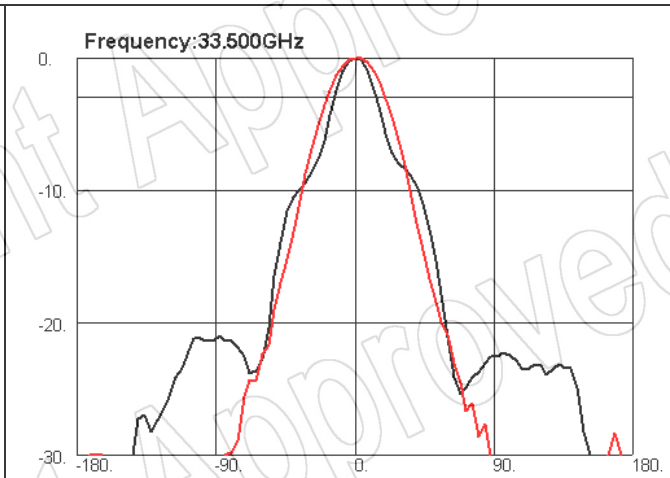
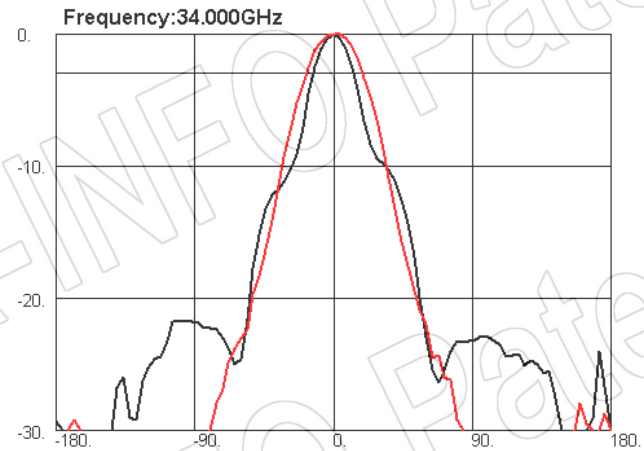


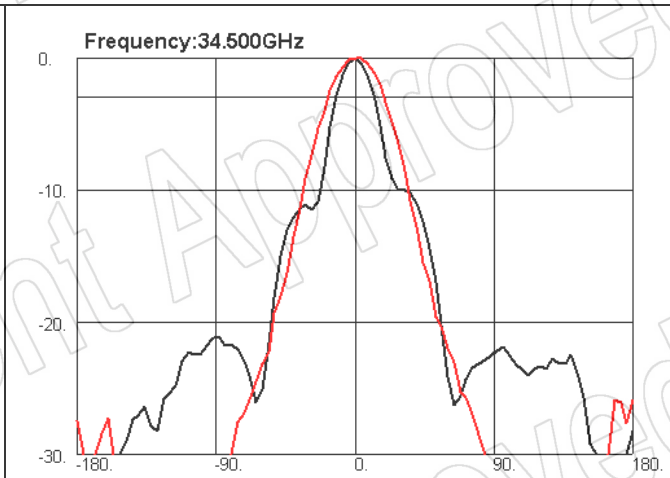
3dB Beamwidth(deg):38.14 3dB Beamwidth(deg):25.71



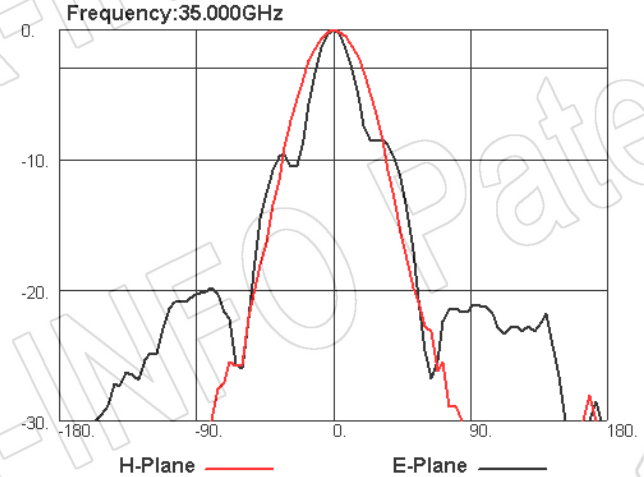
3dB Beamwidth(deg):37.83 3dB Beamwidth(deg):26.56



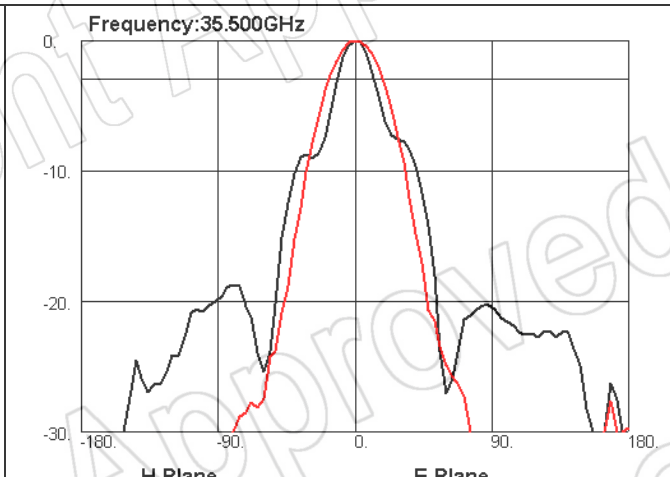
3dB Beamwidth(deg):36.15 3dB Beamwidth(deg):25.81



3dB Beamwidth(deg):36.27 3dB Beamwidth(deg):24.58



3dB Beamwidth(deg):37.26 3dB Beamwidth(deg):22.98



3dB Beamwidth(deg):35.41 3dB Beamwidth(deg):23.67

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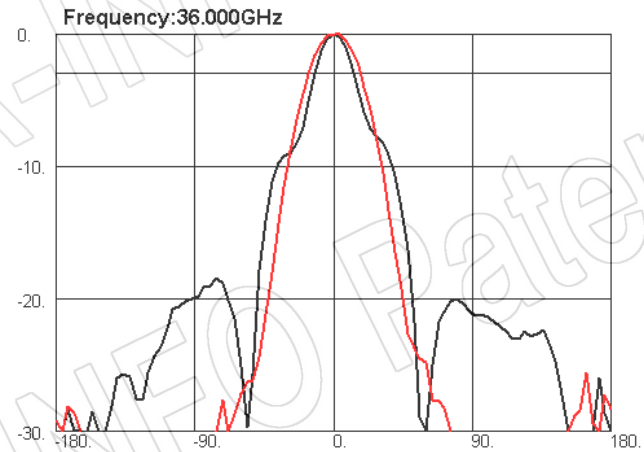
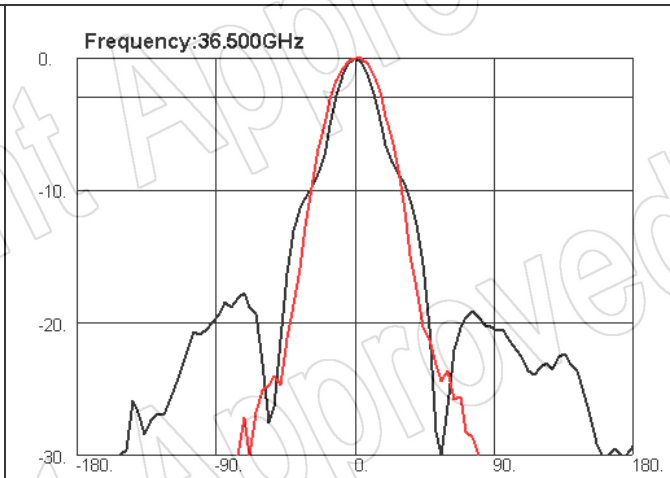
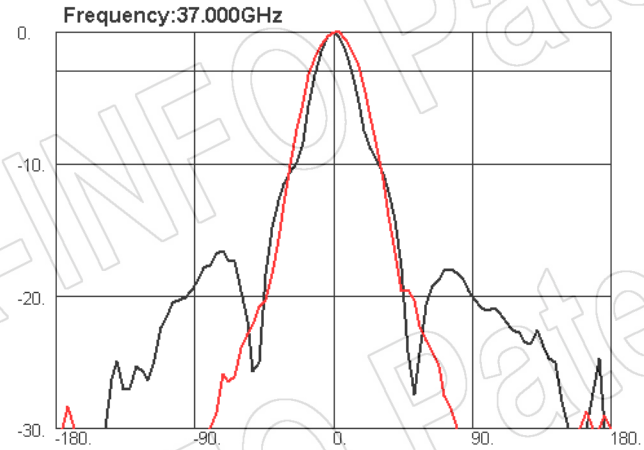


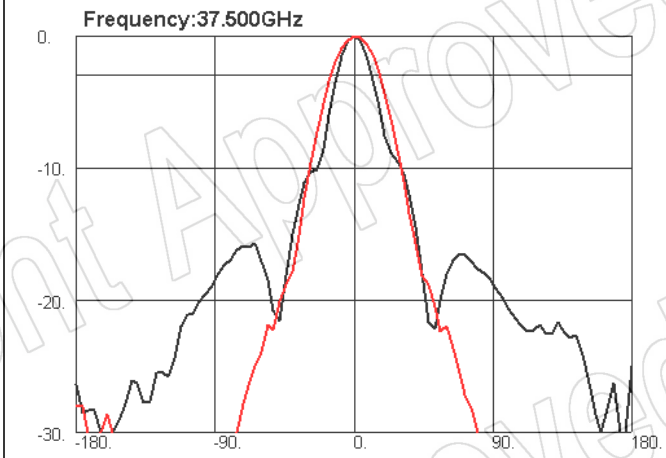
3dB Beamwidth(deg):33.32 3dB Beamwidth(deg):24.99



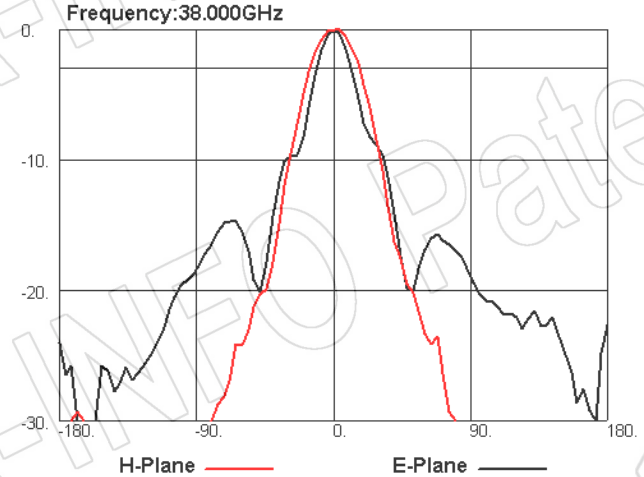
3dB Beamwidth(deg):32.37 3dB Beamwidth(deg):24.84



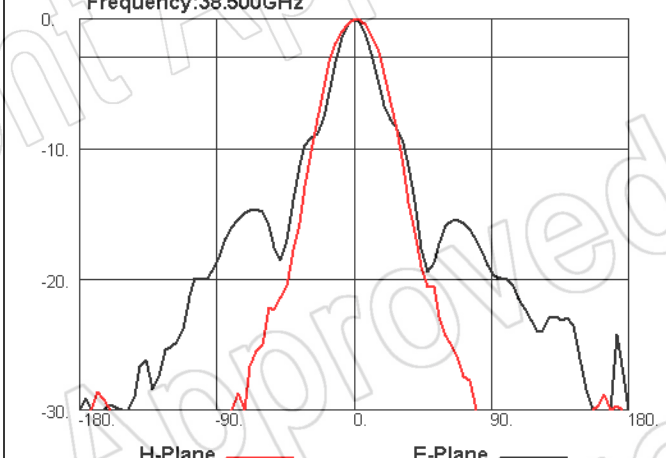
3dB Beamwidth(deg):32.12 3dB Beamwidth(deg):23.04



3dB Beamwidth(deg):31.40 3dB Beamwidth(deg):22.21



3dB Beamwidth(deg):32.12 3dB Beamwidth(deg):22.28



3dB Beamwidth(deg):31.95 3dB Beamwidth(deg):23.02

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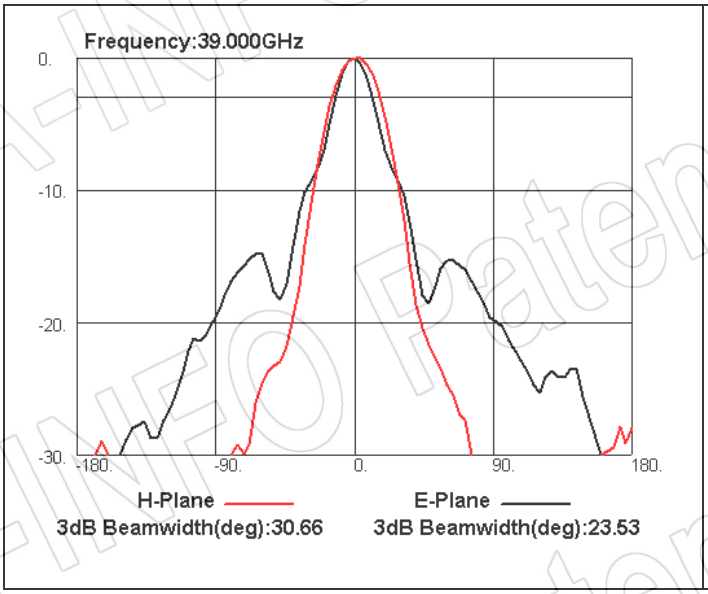

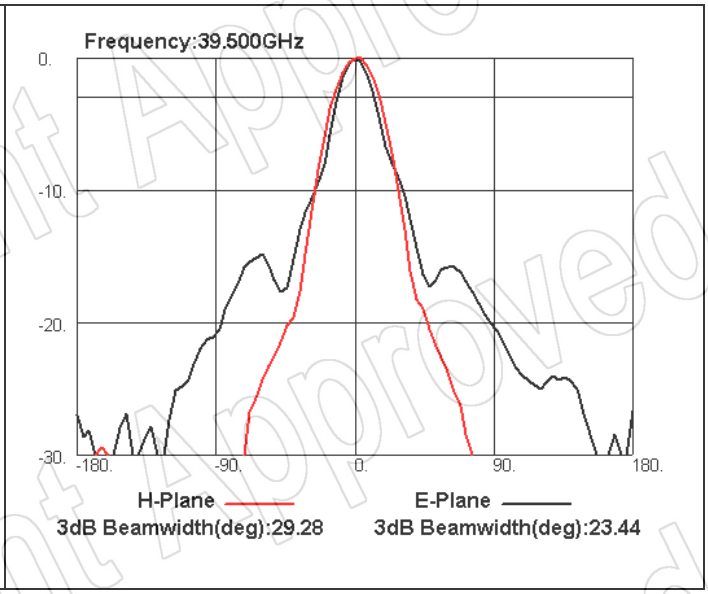

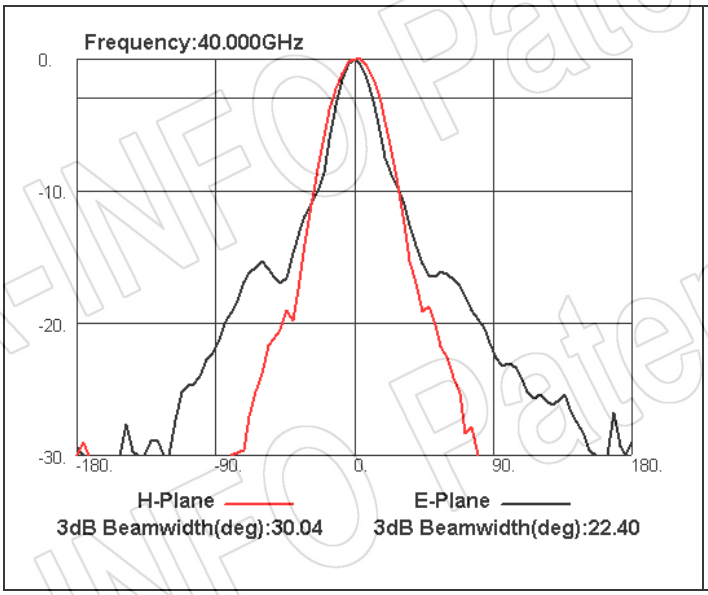

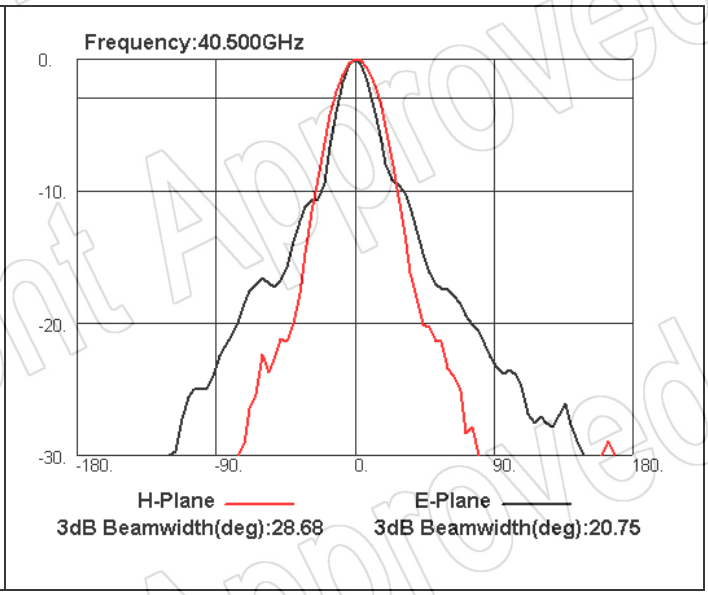

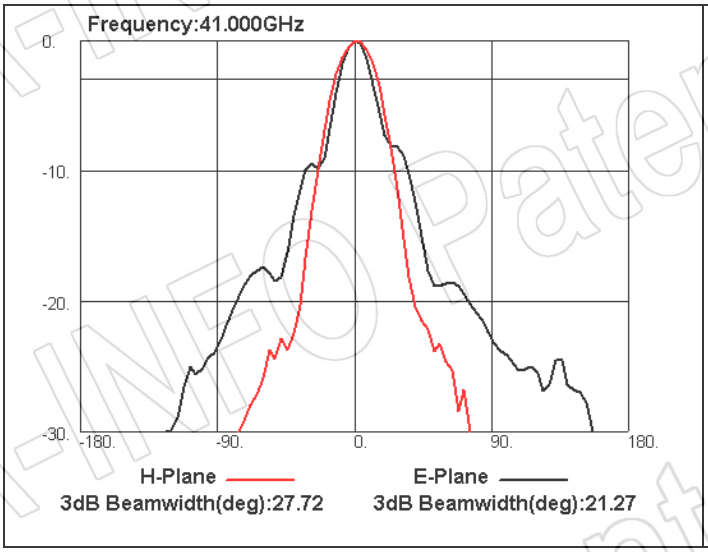

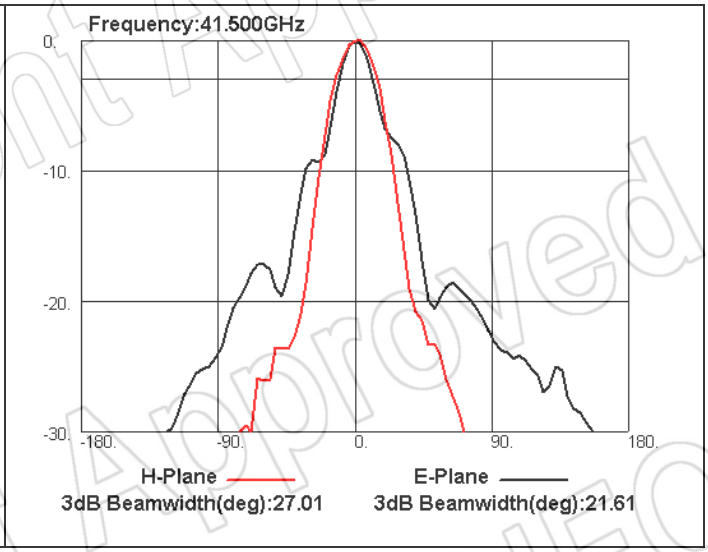

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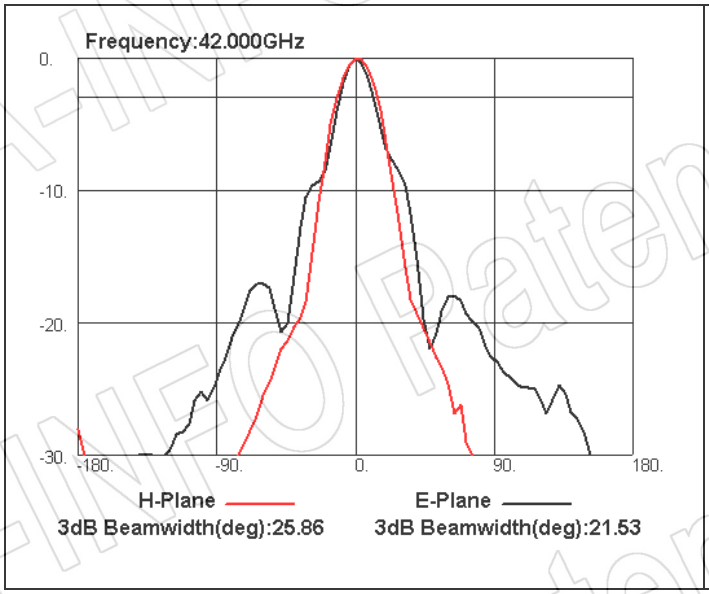

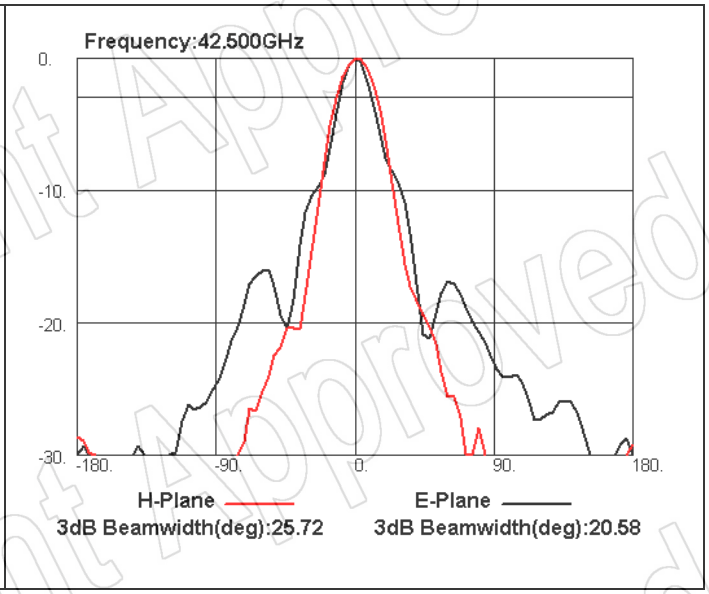

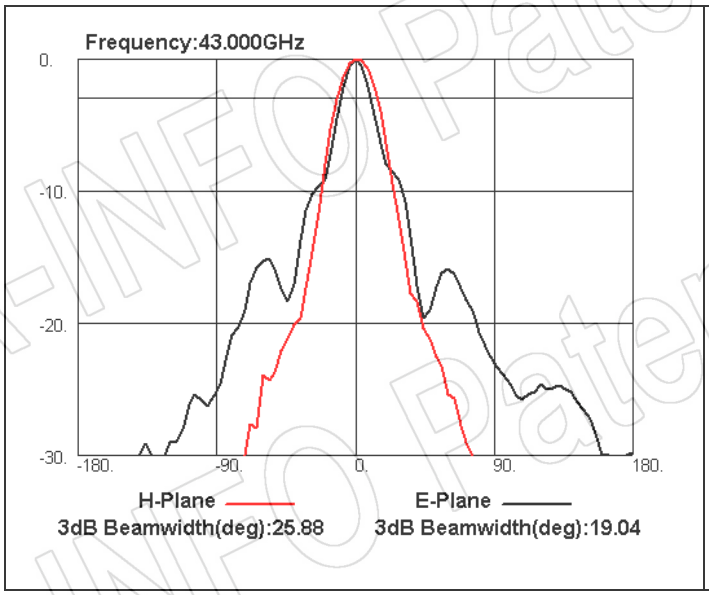

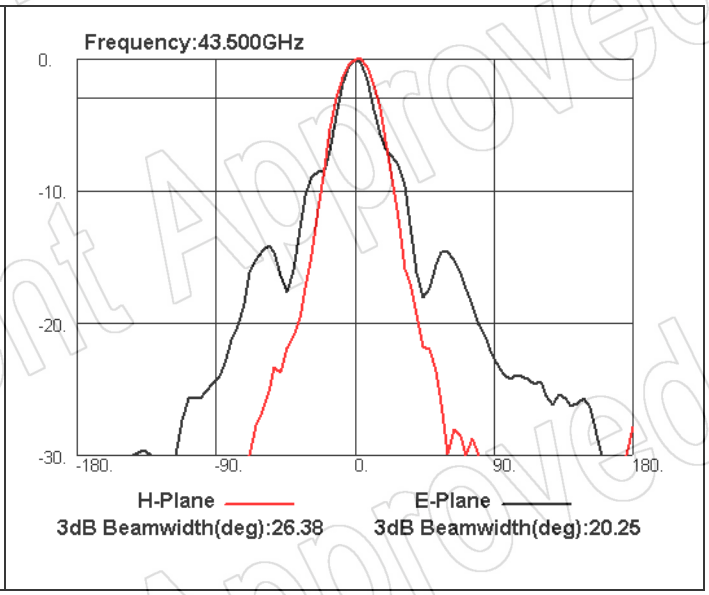

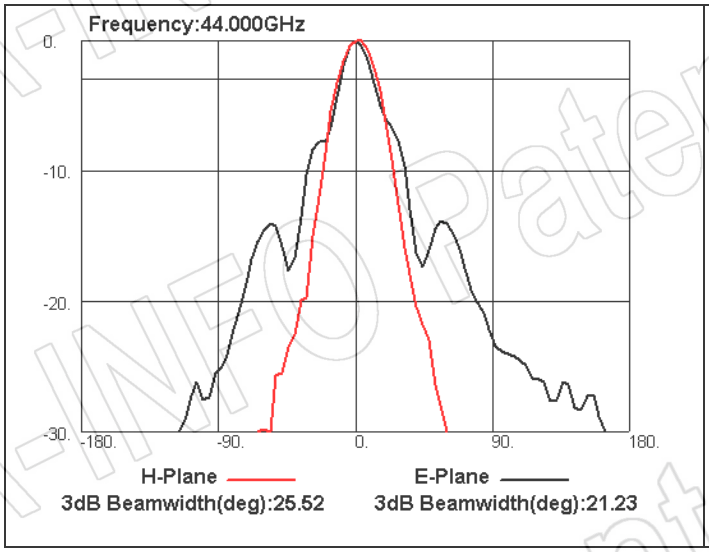

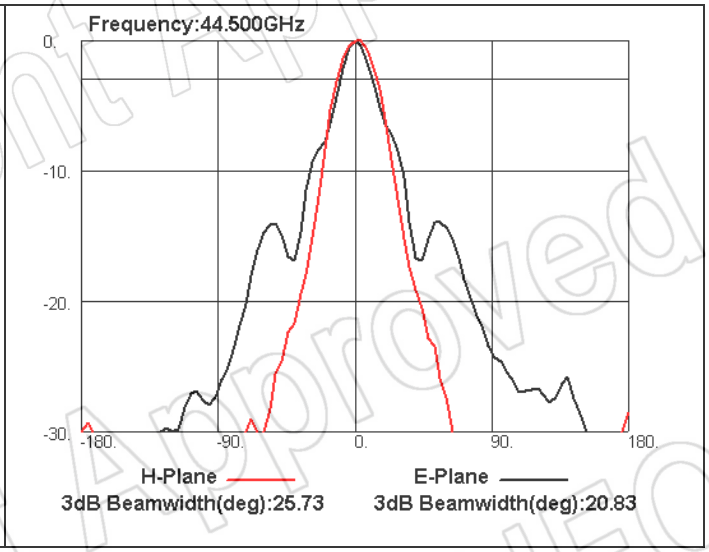

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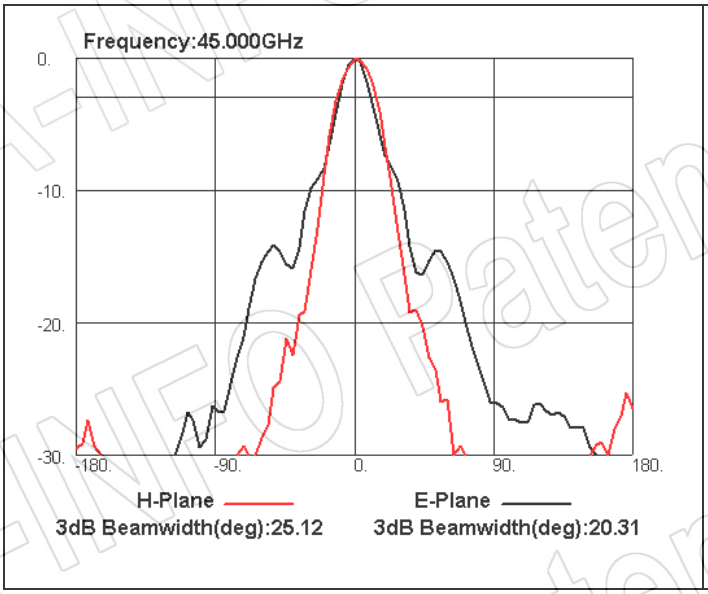

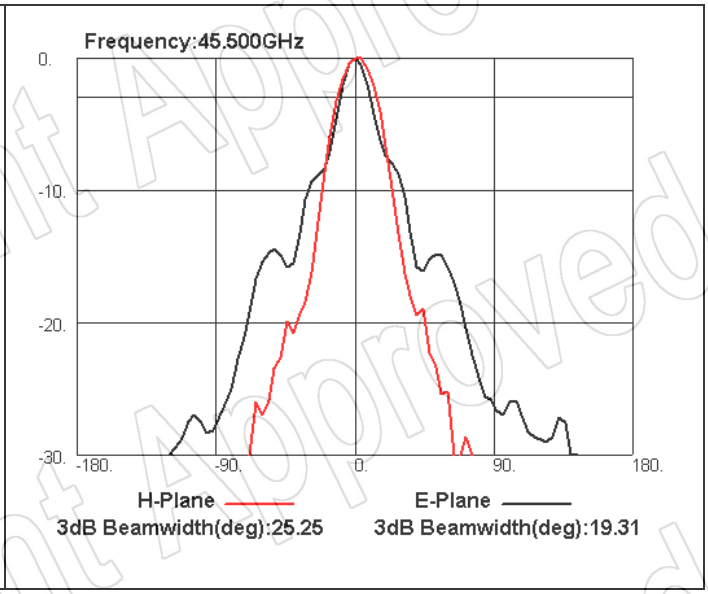

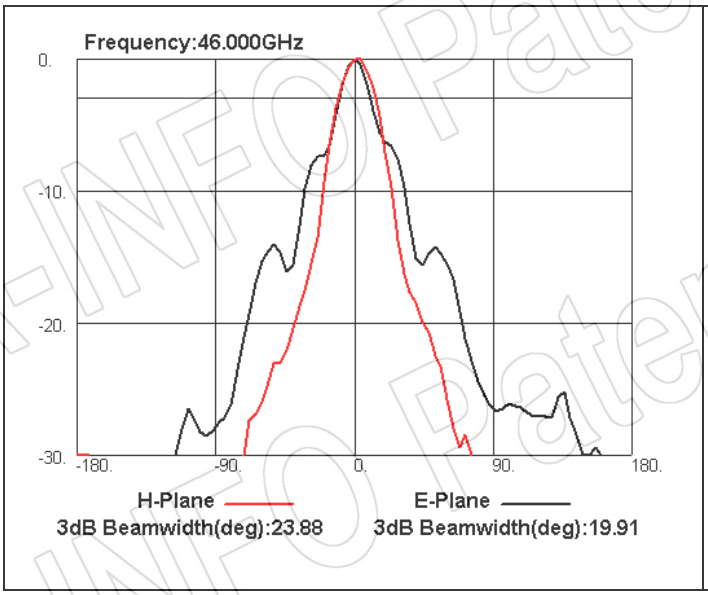

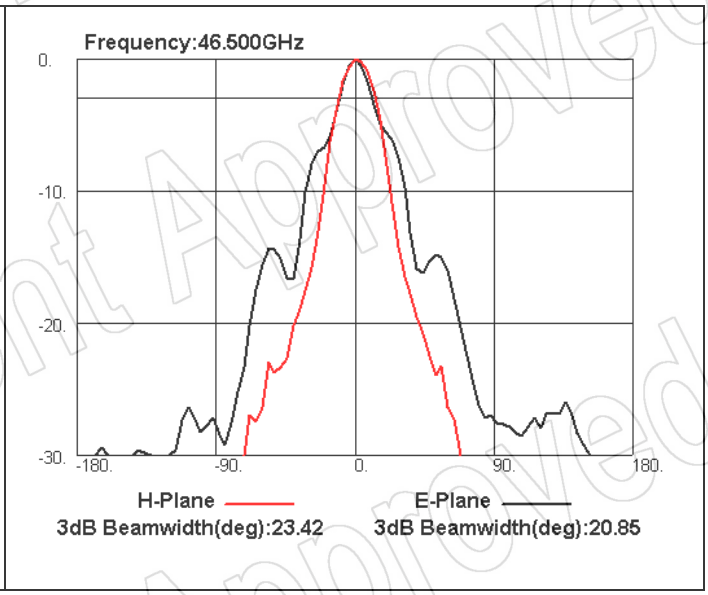

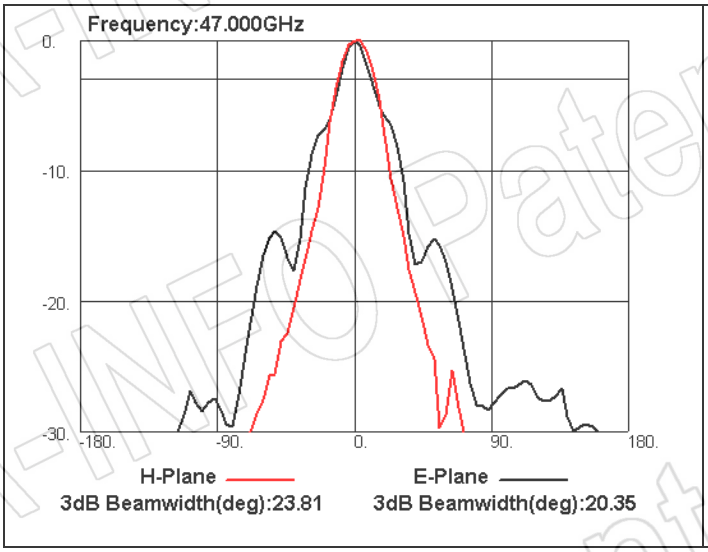

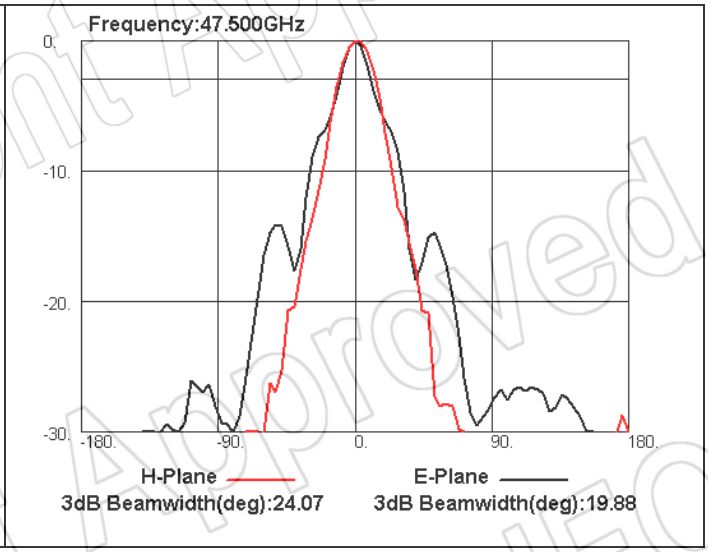

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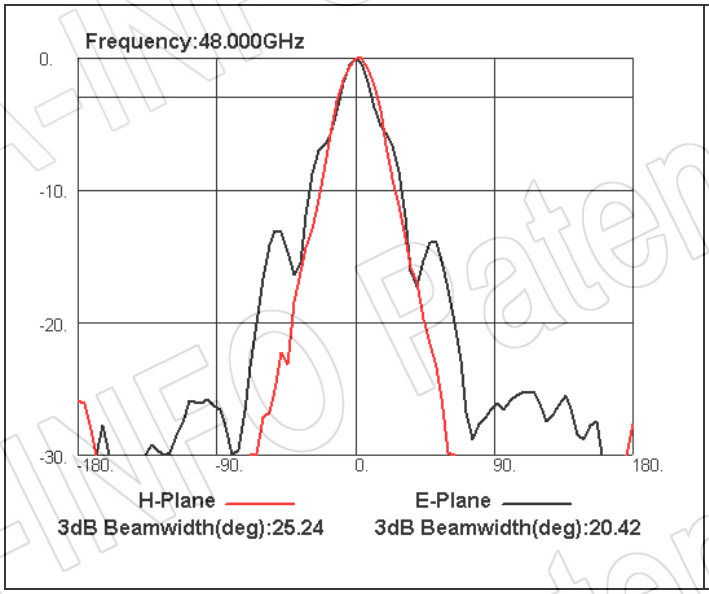

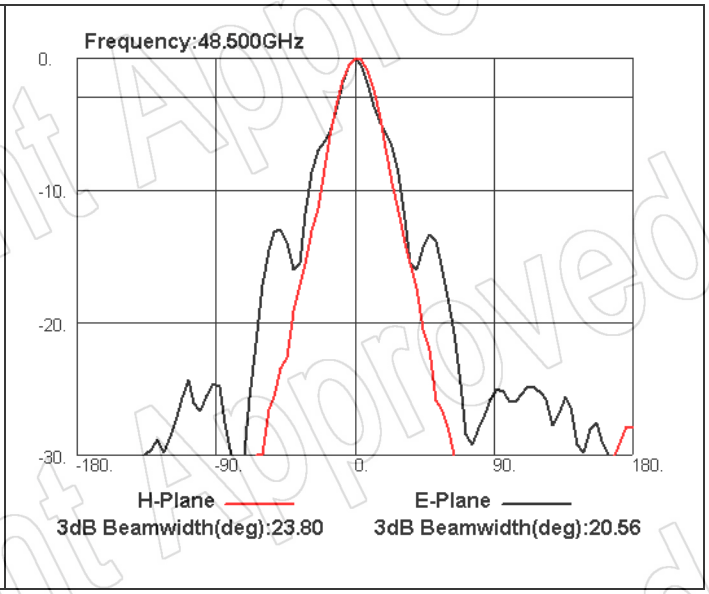

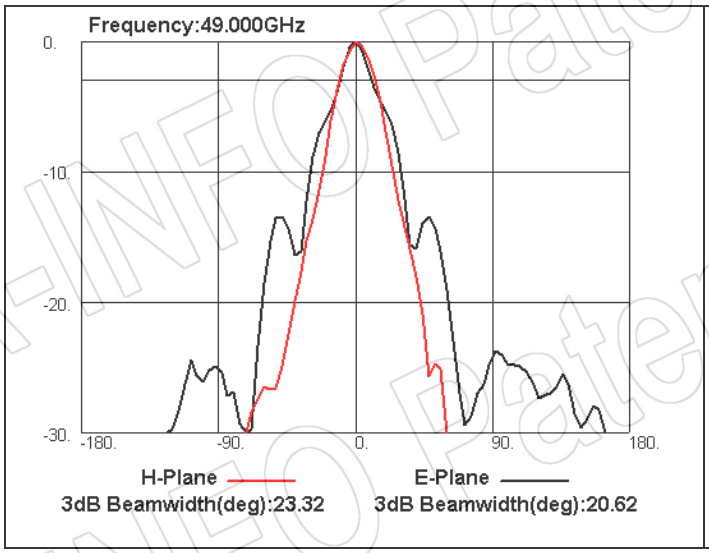

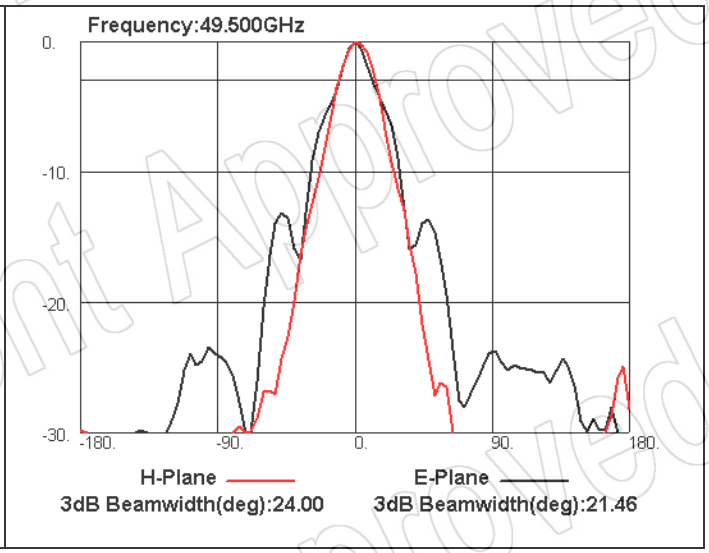

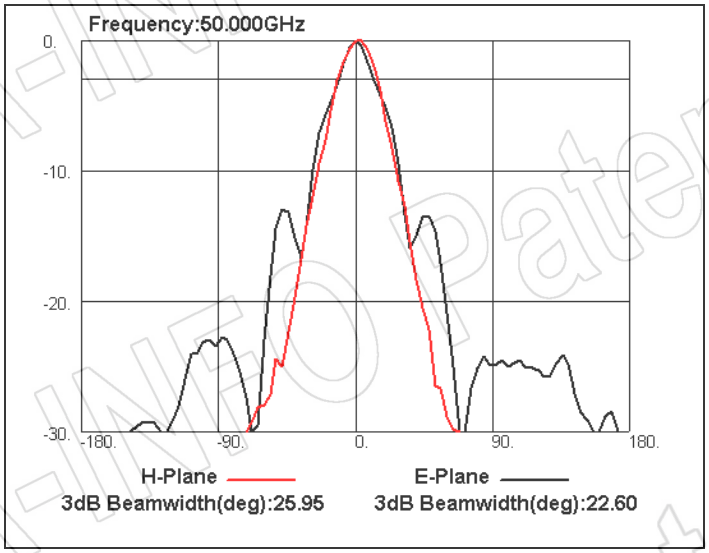

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