

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

Technical Specification



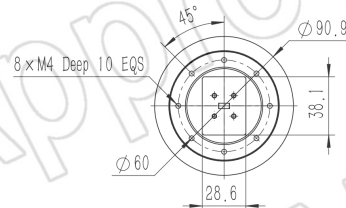
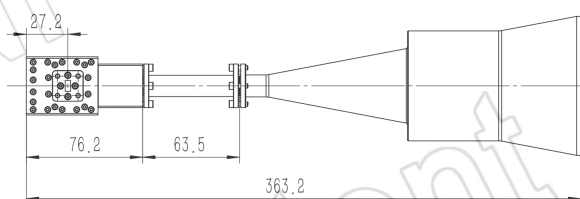
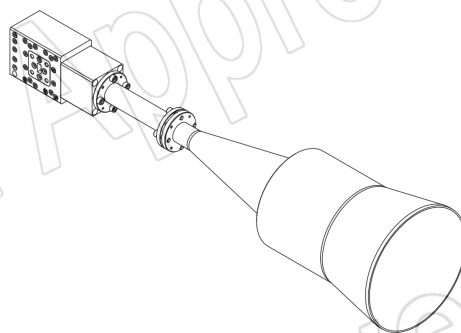
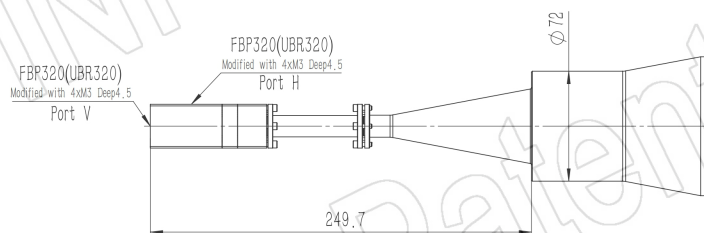
Frequency Range(GHz)	24.0 - 42.0
Waveguide	WR28
Gain(dBic)	25 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	2.5 Typ. ; 4.0 Max.
3dB Beamwidth(deg)	E Plane: 8 Typ.
	H Plane: 8 Typ.
Port to Port Isolation(dB)	30 Typ. ; 20 Min.
VSWR	A Type: 2.20:1 Max.
	C Type: 2.20:1 Max.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 D4.5)
	C Type: 2.4mm-Female or 2.92mm-Female
Material	Al
Finish	Gold Plated and Sliver Plated, Gray Paint
Size(mm)	A Type: 90.9 x 90.9 x 363.2
	C Type: 90.9 x 90.9 x 386.1
Net Weight(Kg)	A Type: 0.63 Around
	C Type: 0.71 Around

PATENT ID (US)

US D963575

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-25-D62C-A)



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

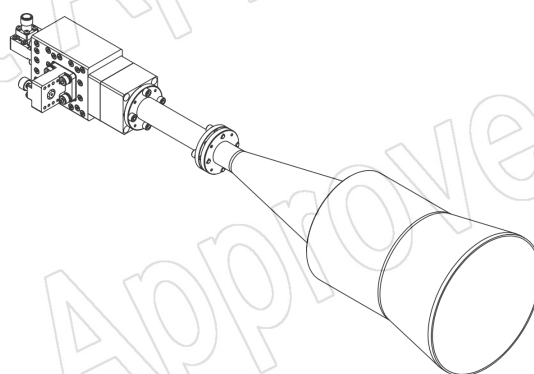
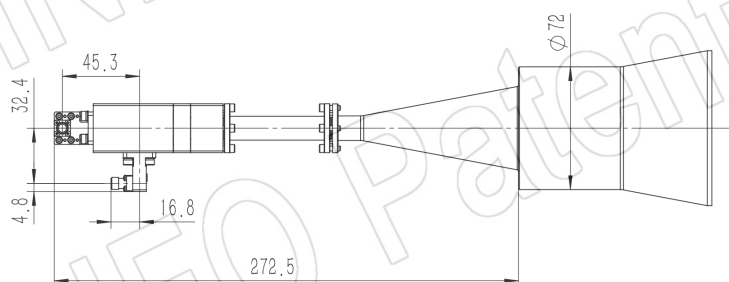
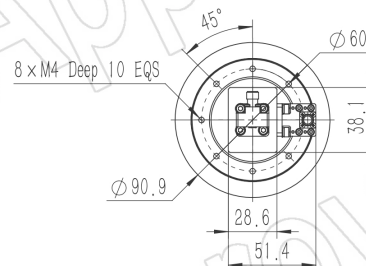
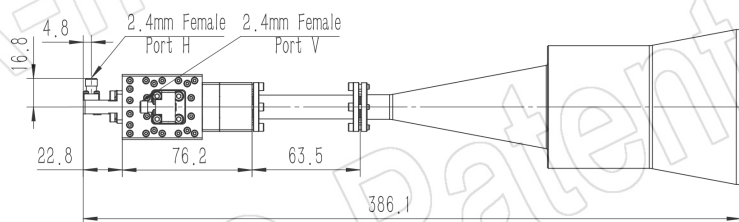
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
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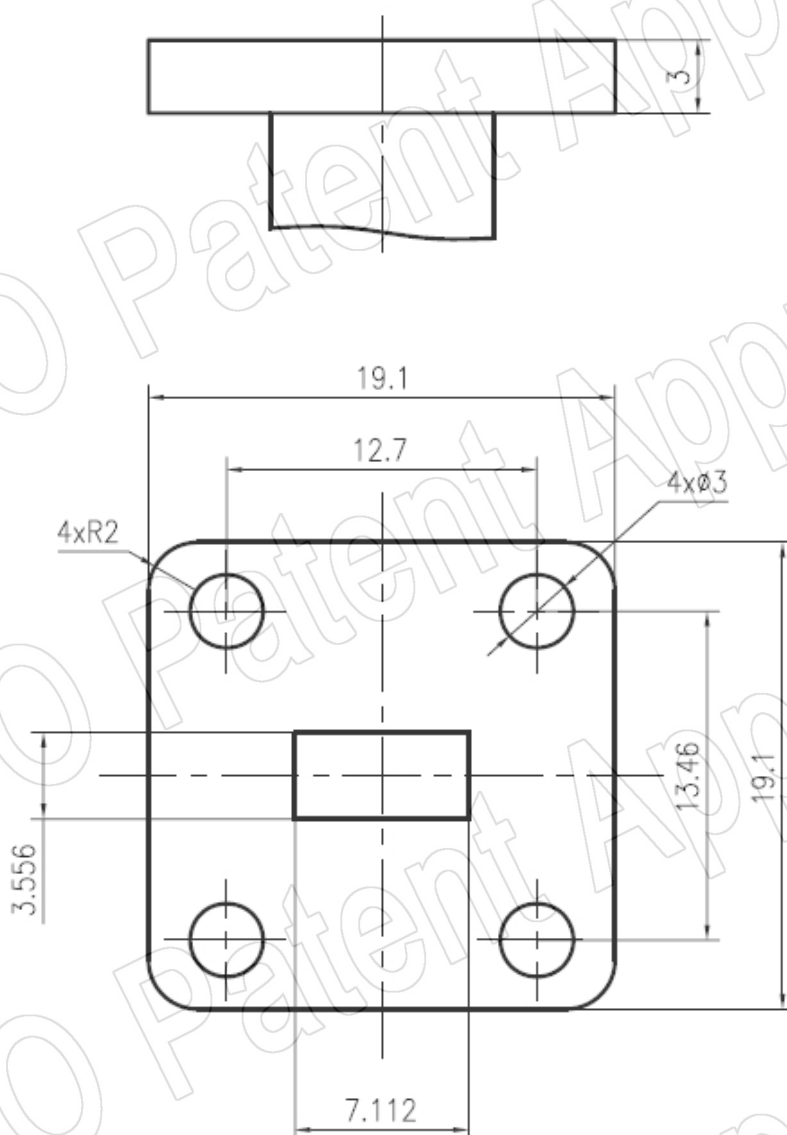
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.4mm-Female Output (P/N: LB-CNH-28-25-D62C-C-2.4F)

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



Flange Drawing (Size: mm)



FBP320

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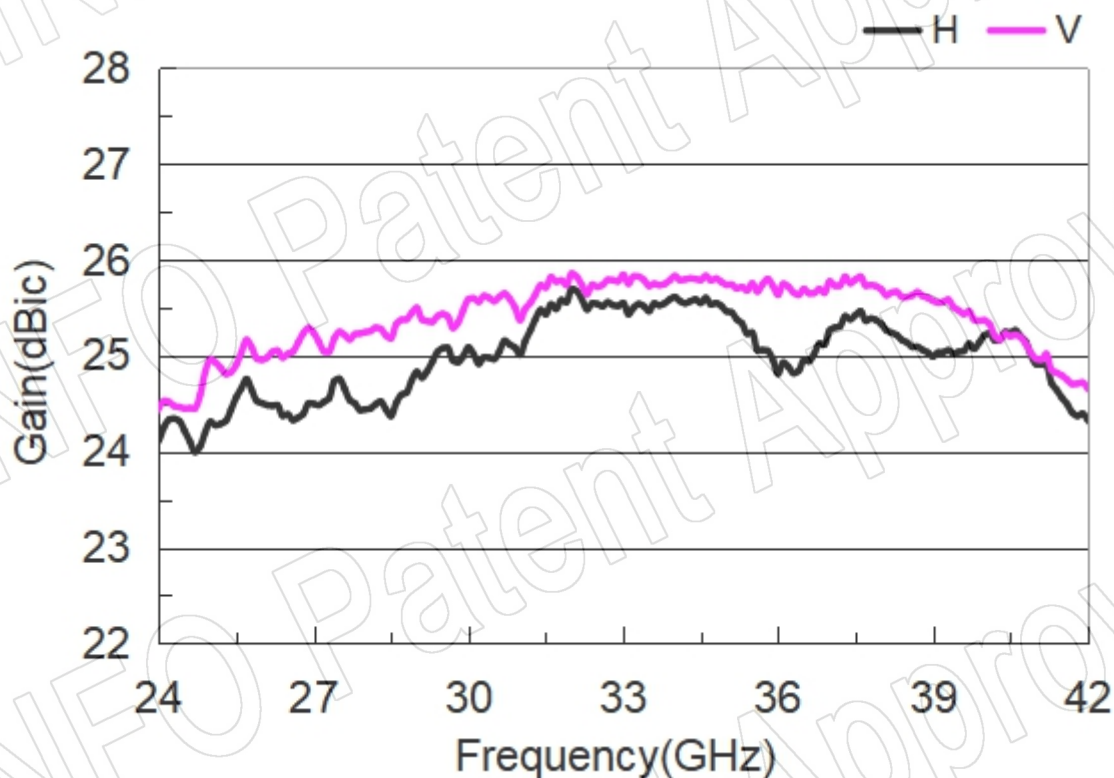
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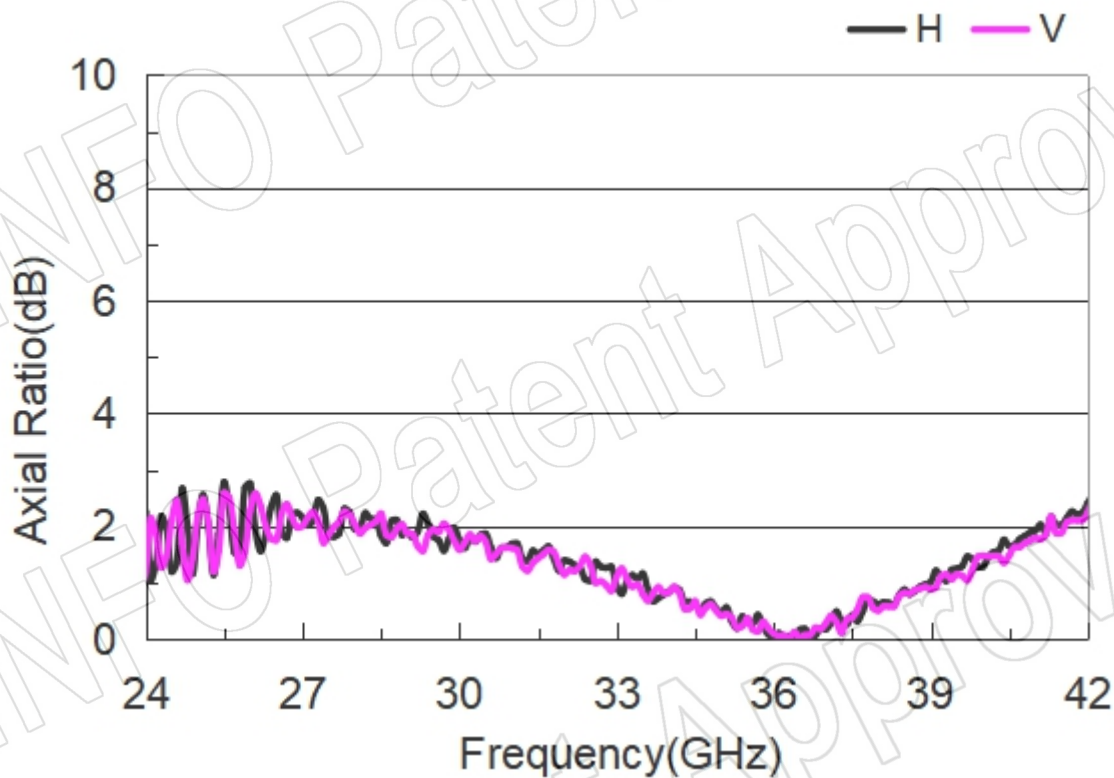
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Test Results

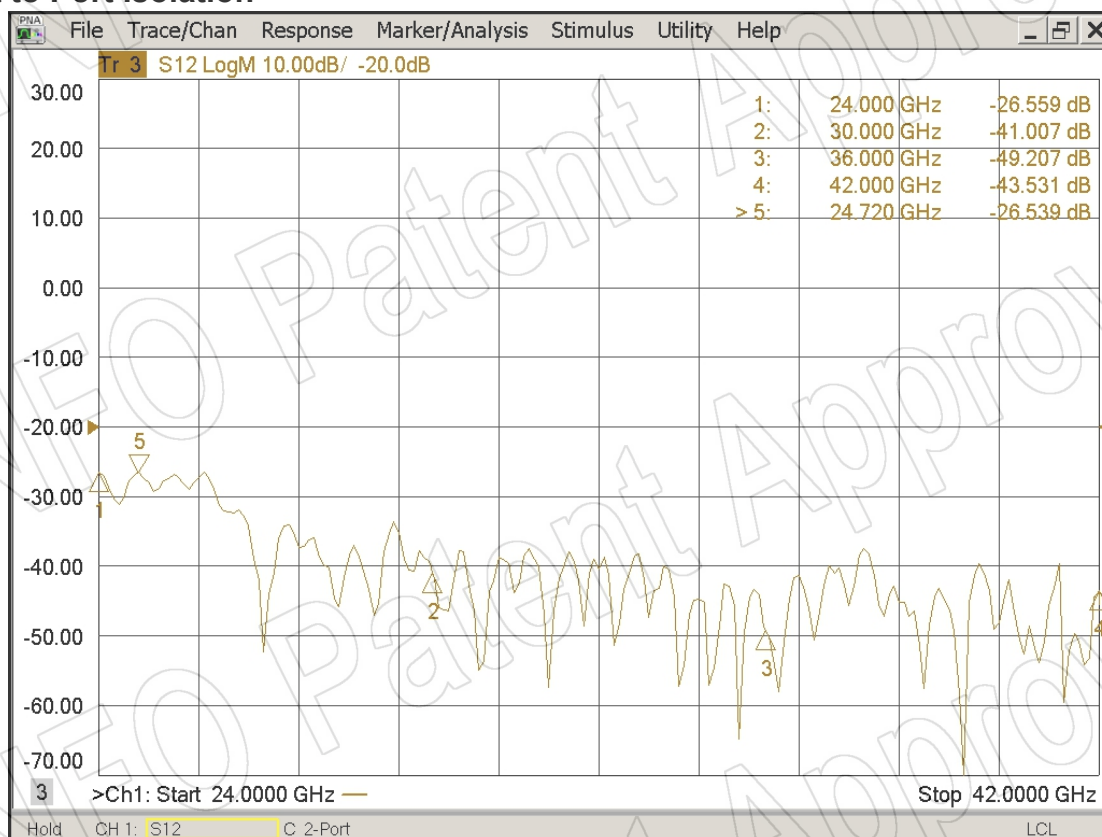
1. Gain



2. Axial Ratio

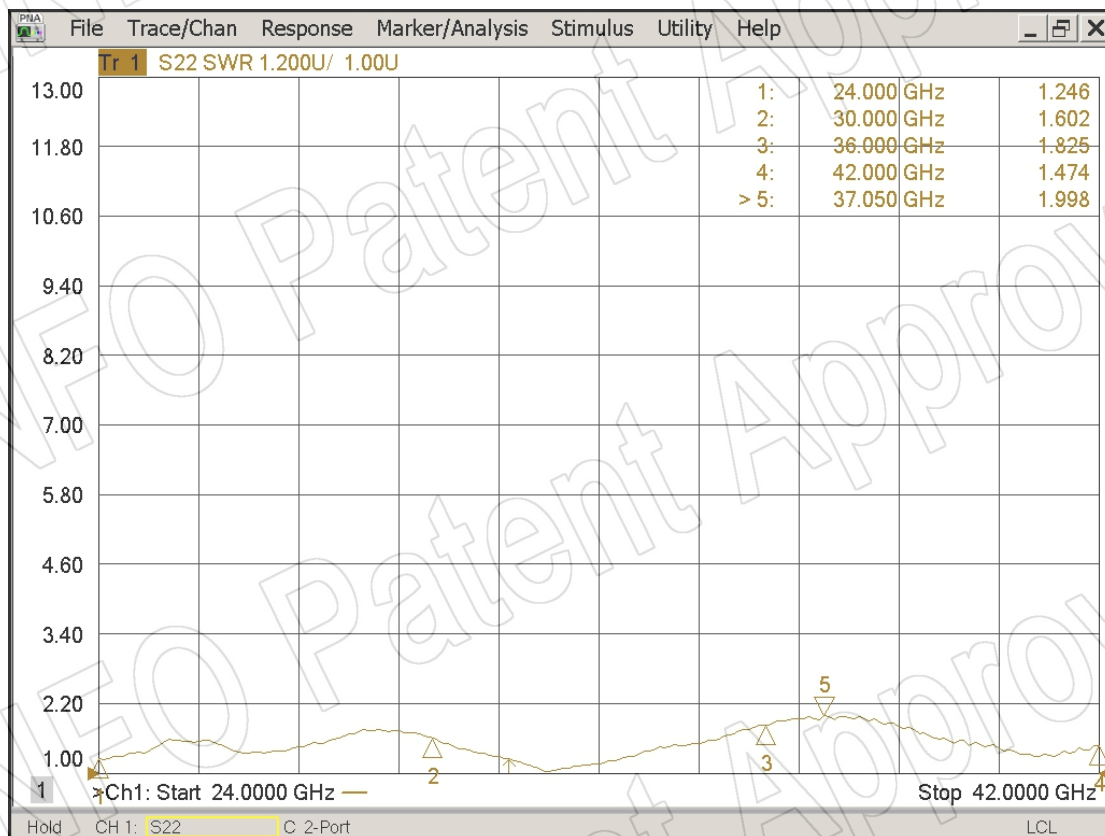


3. Port to Port Isolation

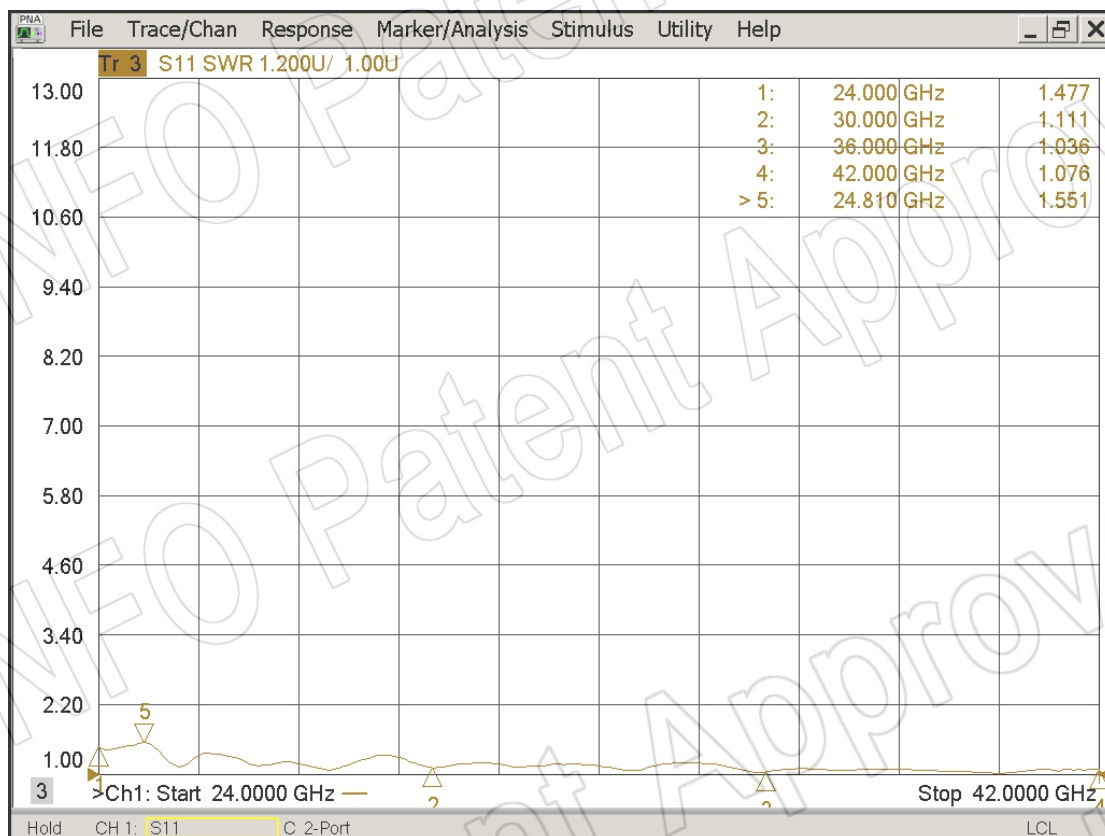


4. VSWR_A Type

Port-H

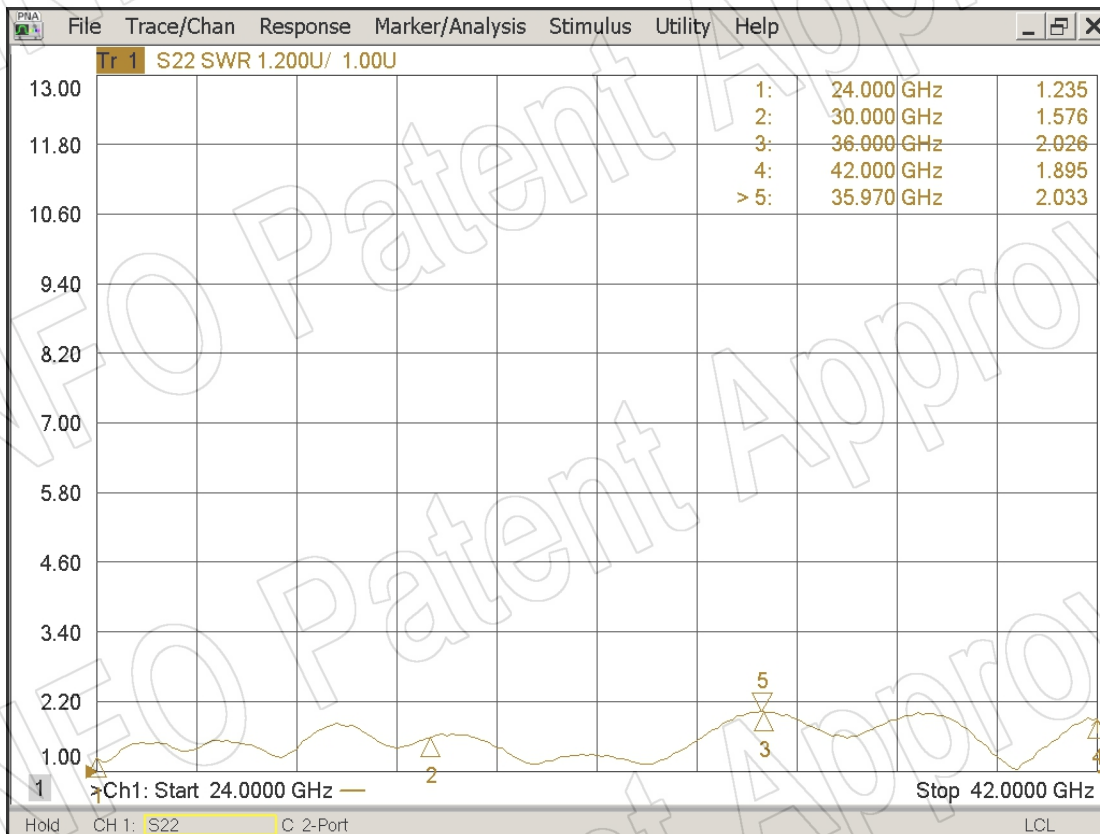


Port-V

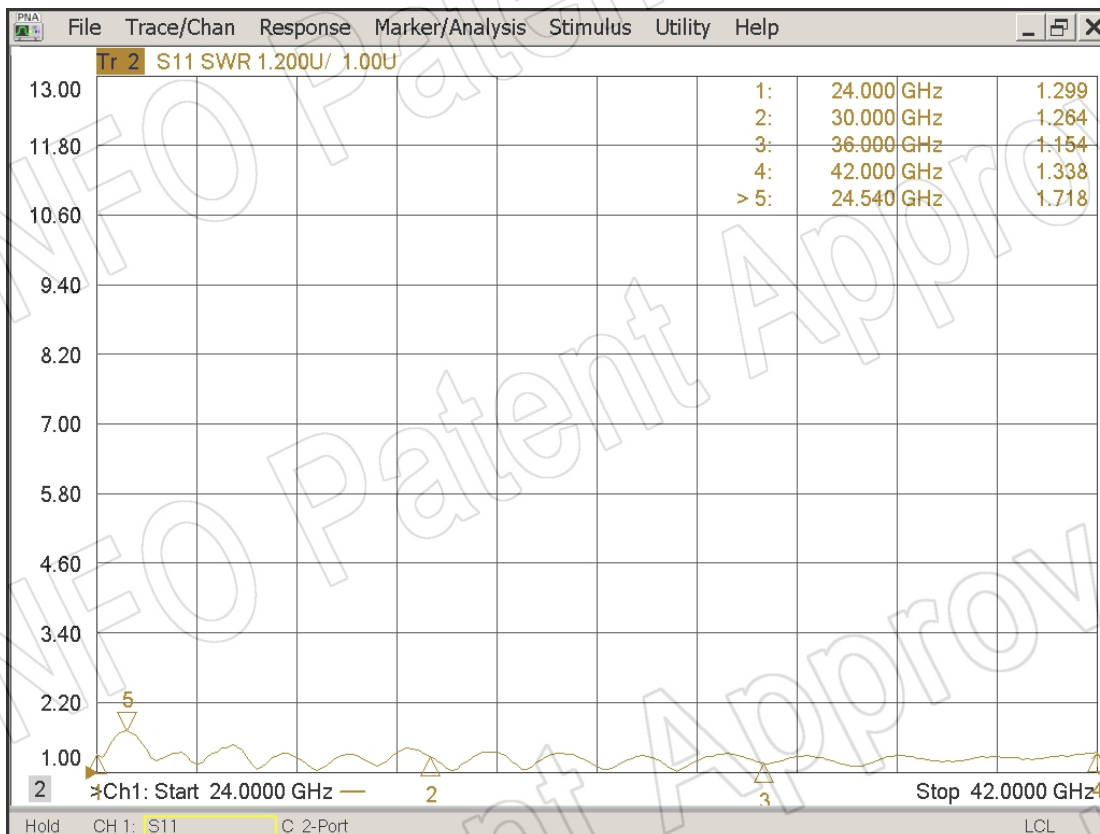


VSWR_C Type

Port-H

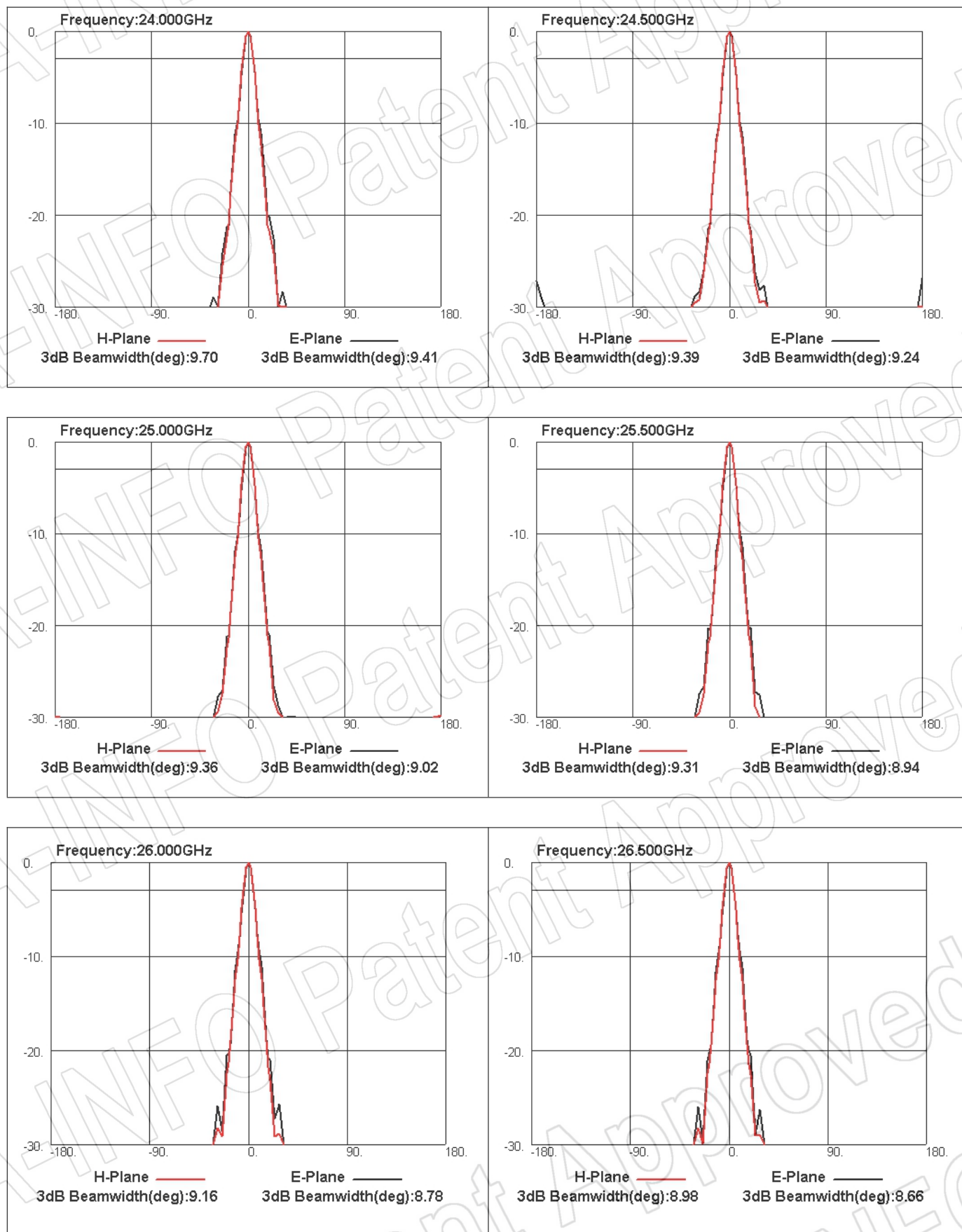


Port-V



5. Pattern

Port-H



AINFO Inc.

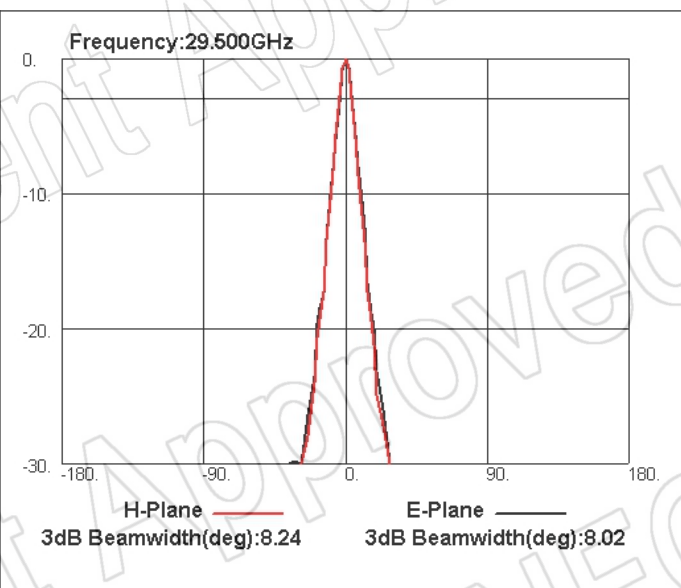
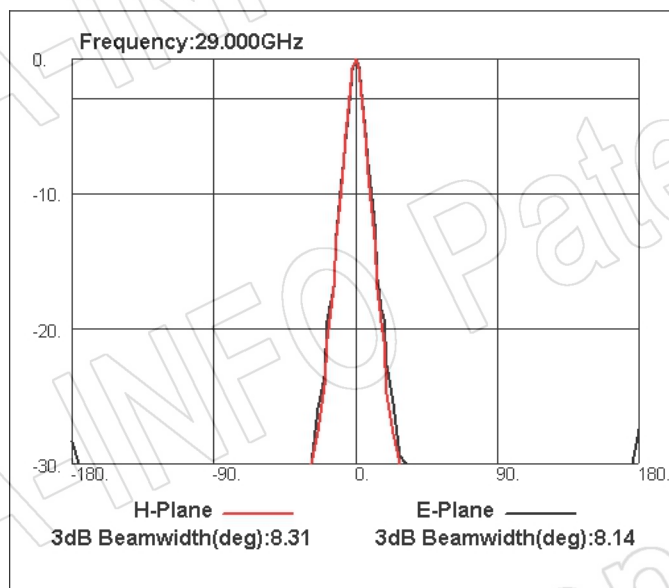
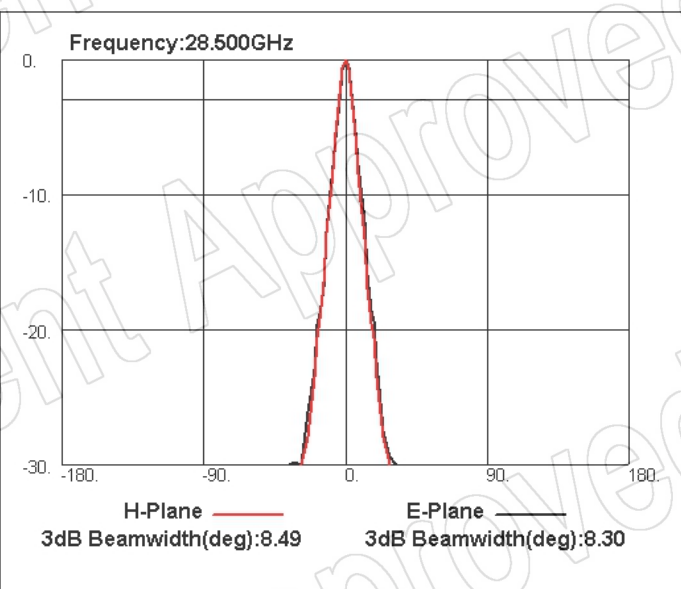
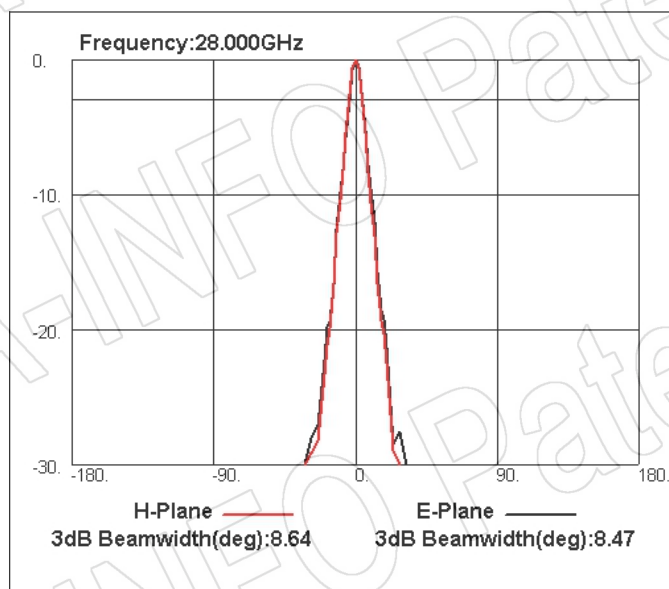
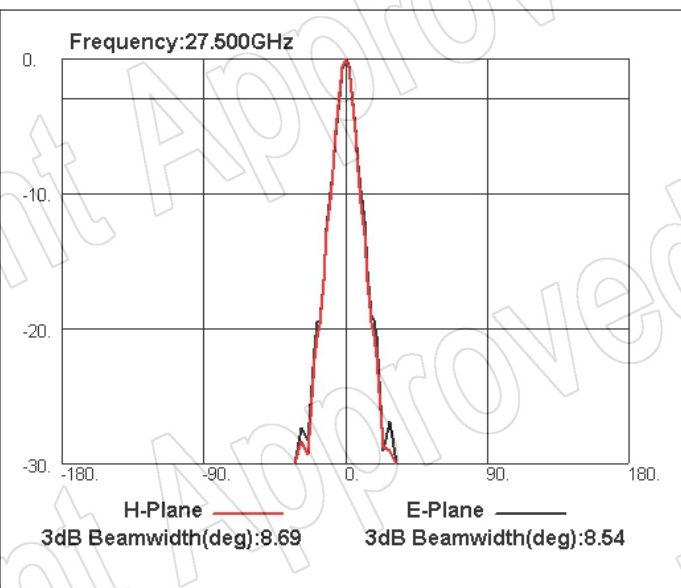
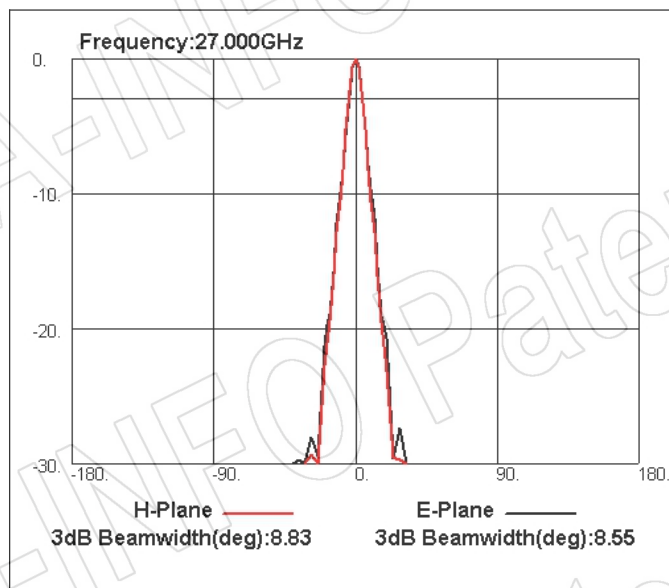
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China(Chengdu):
USA :

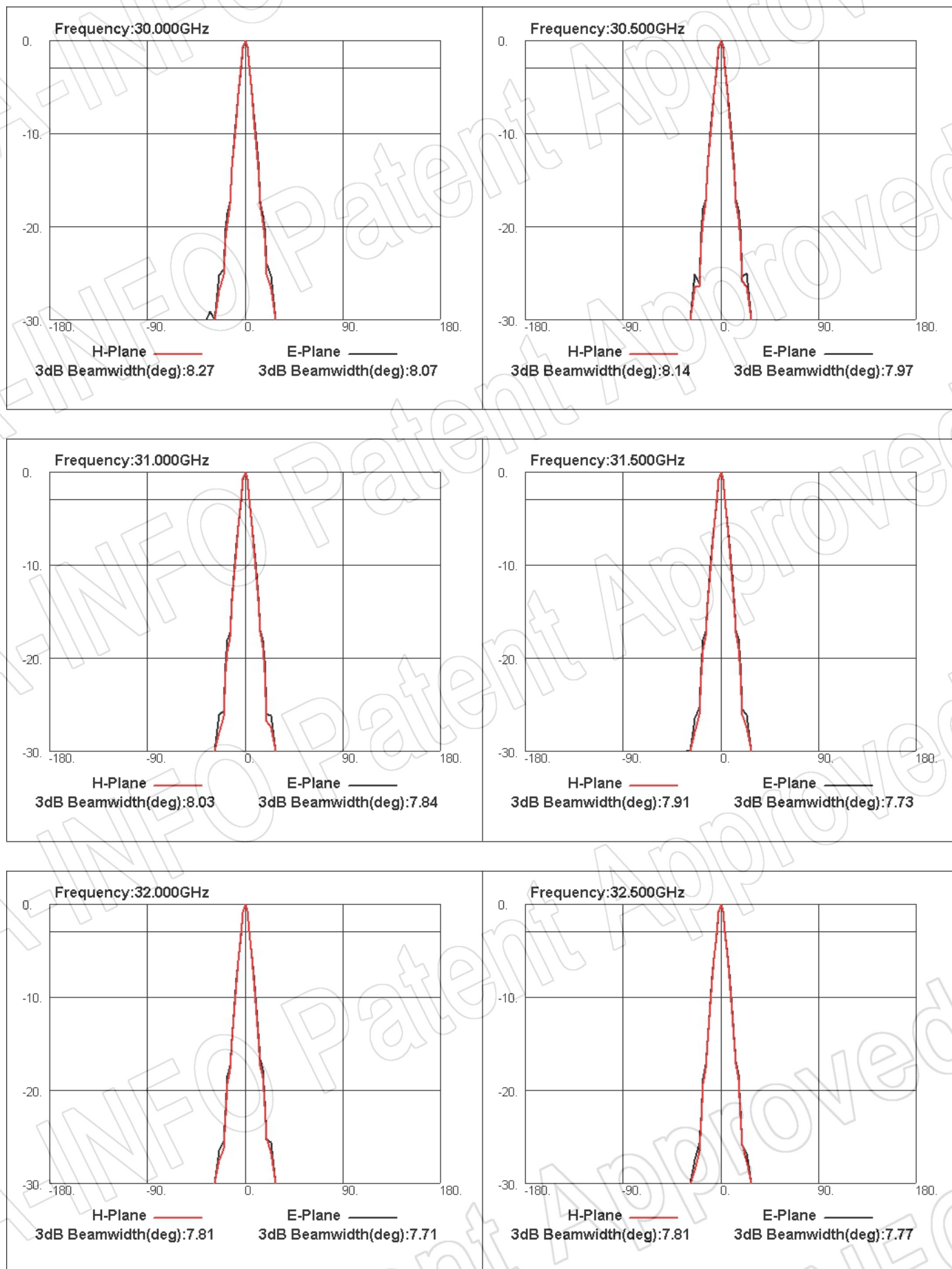
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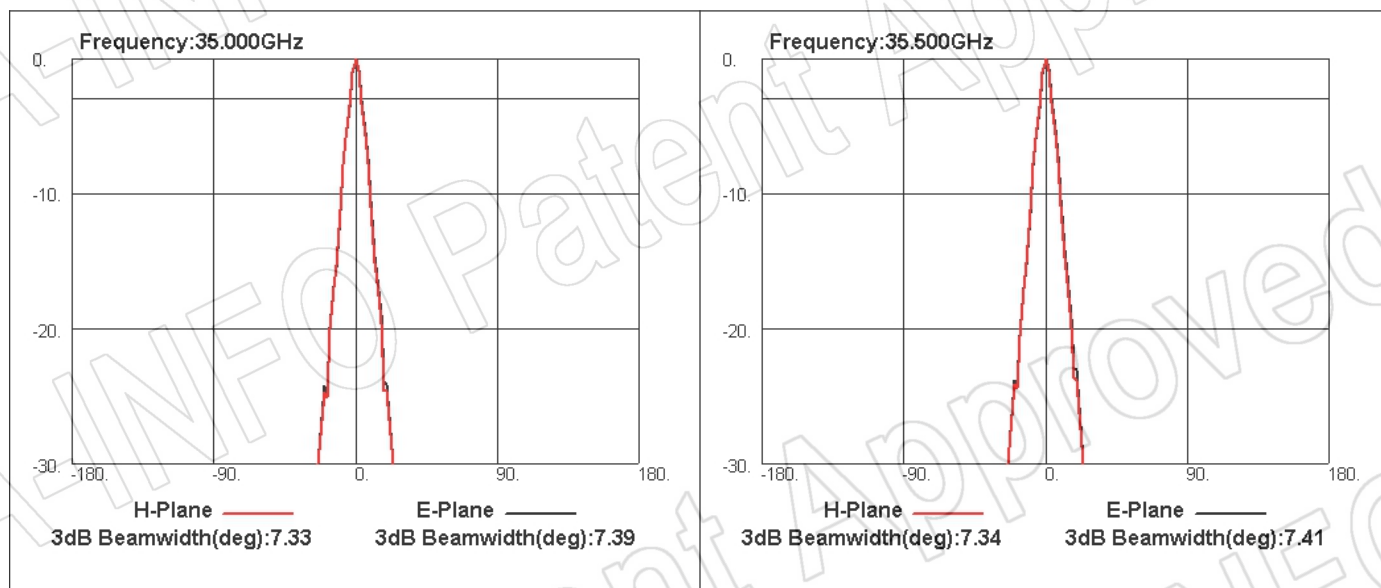
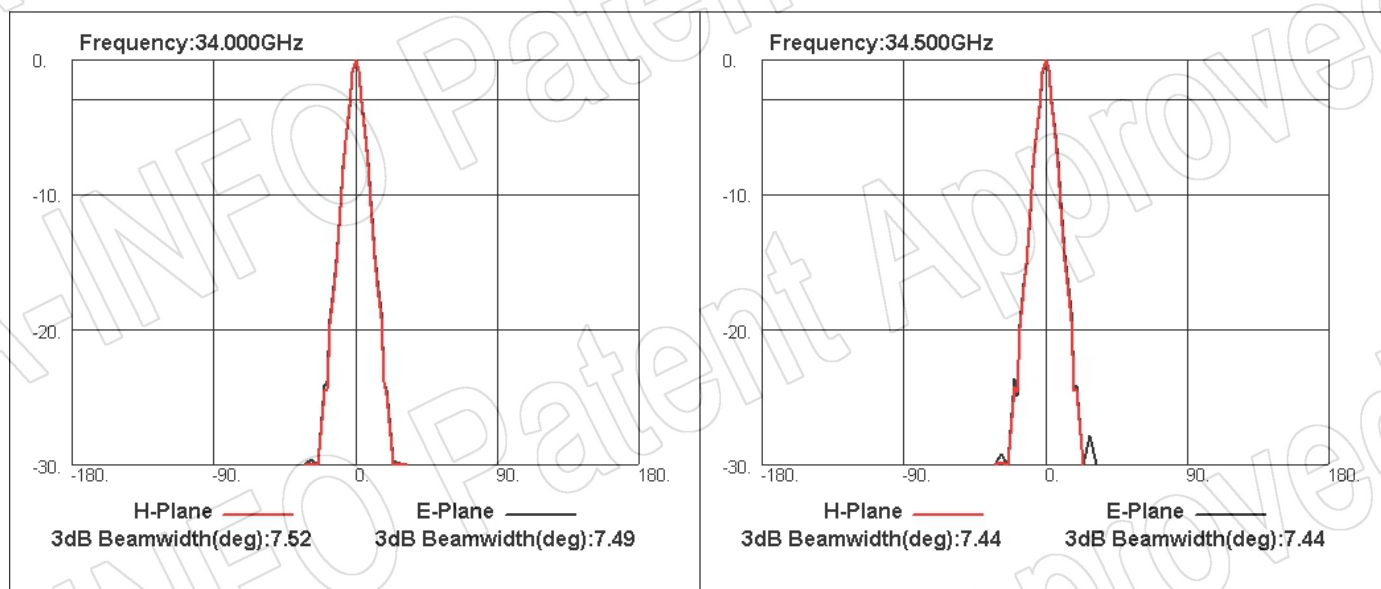
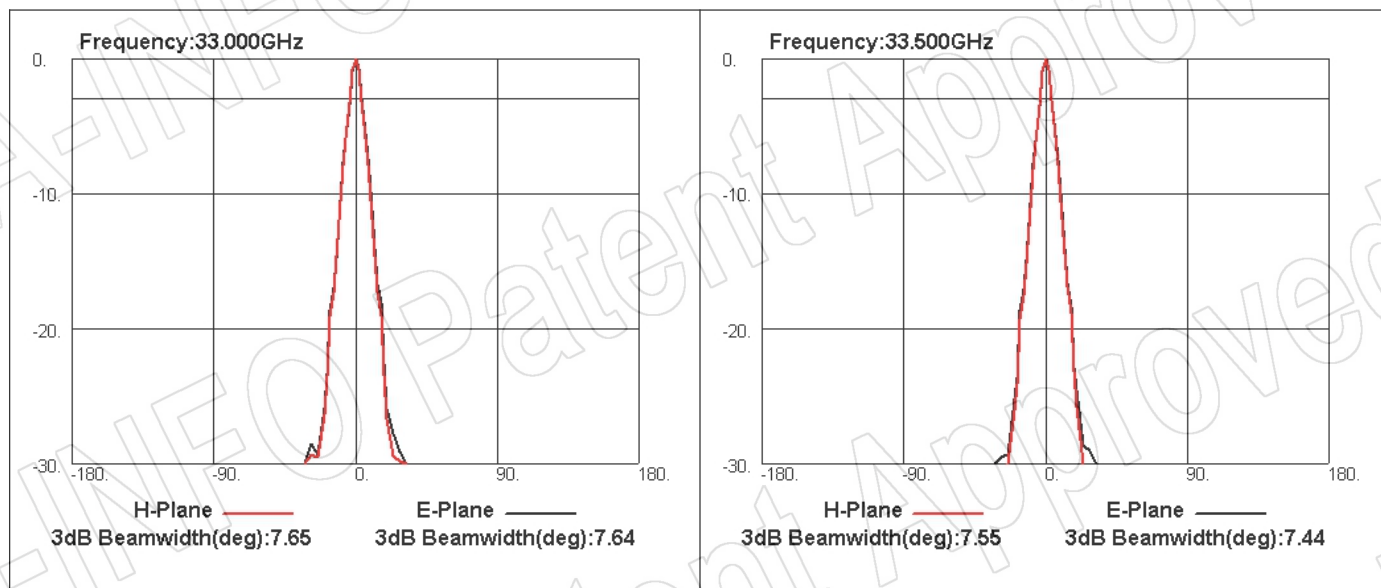
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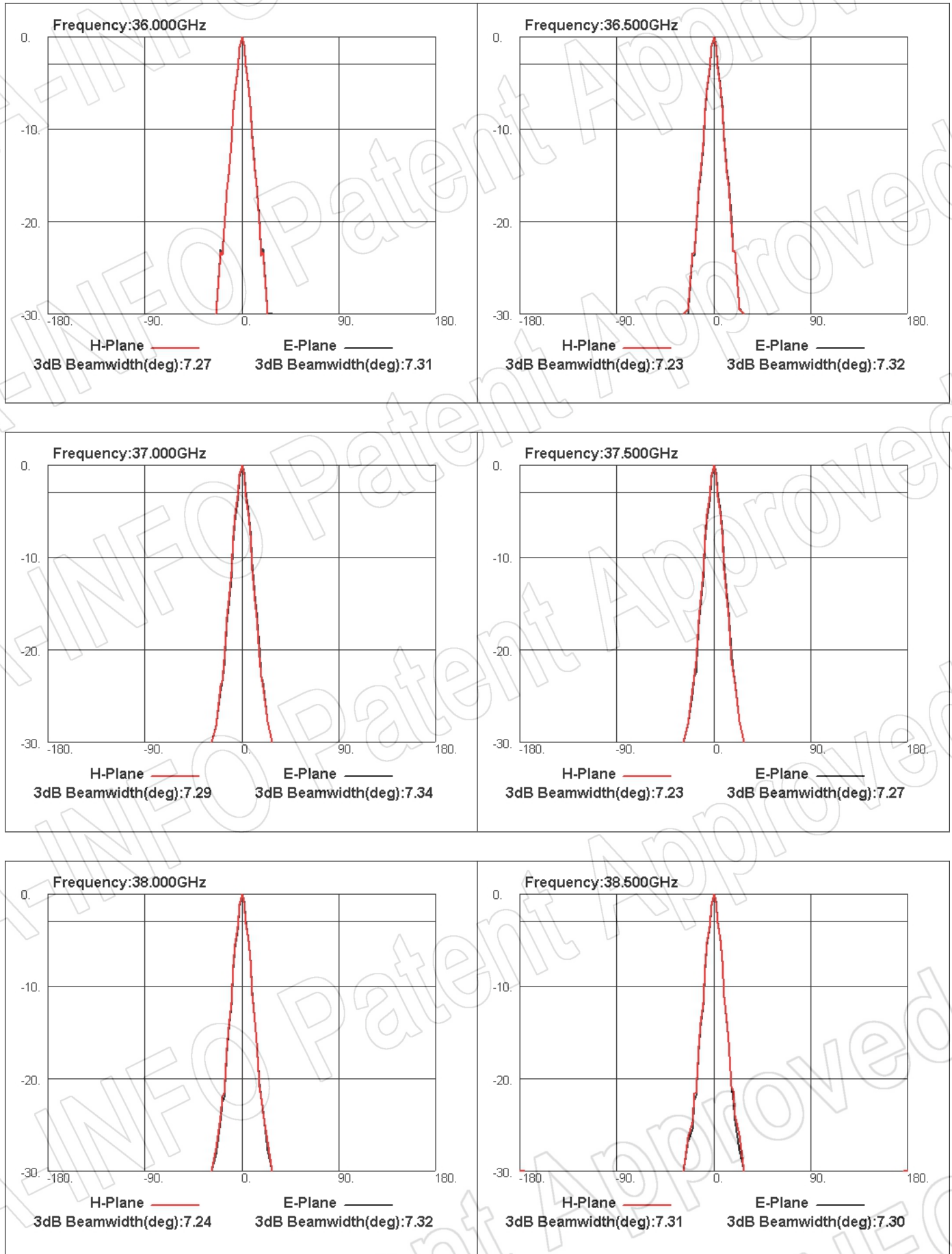
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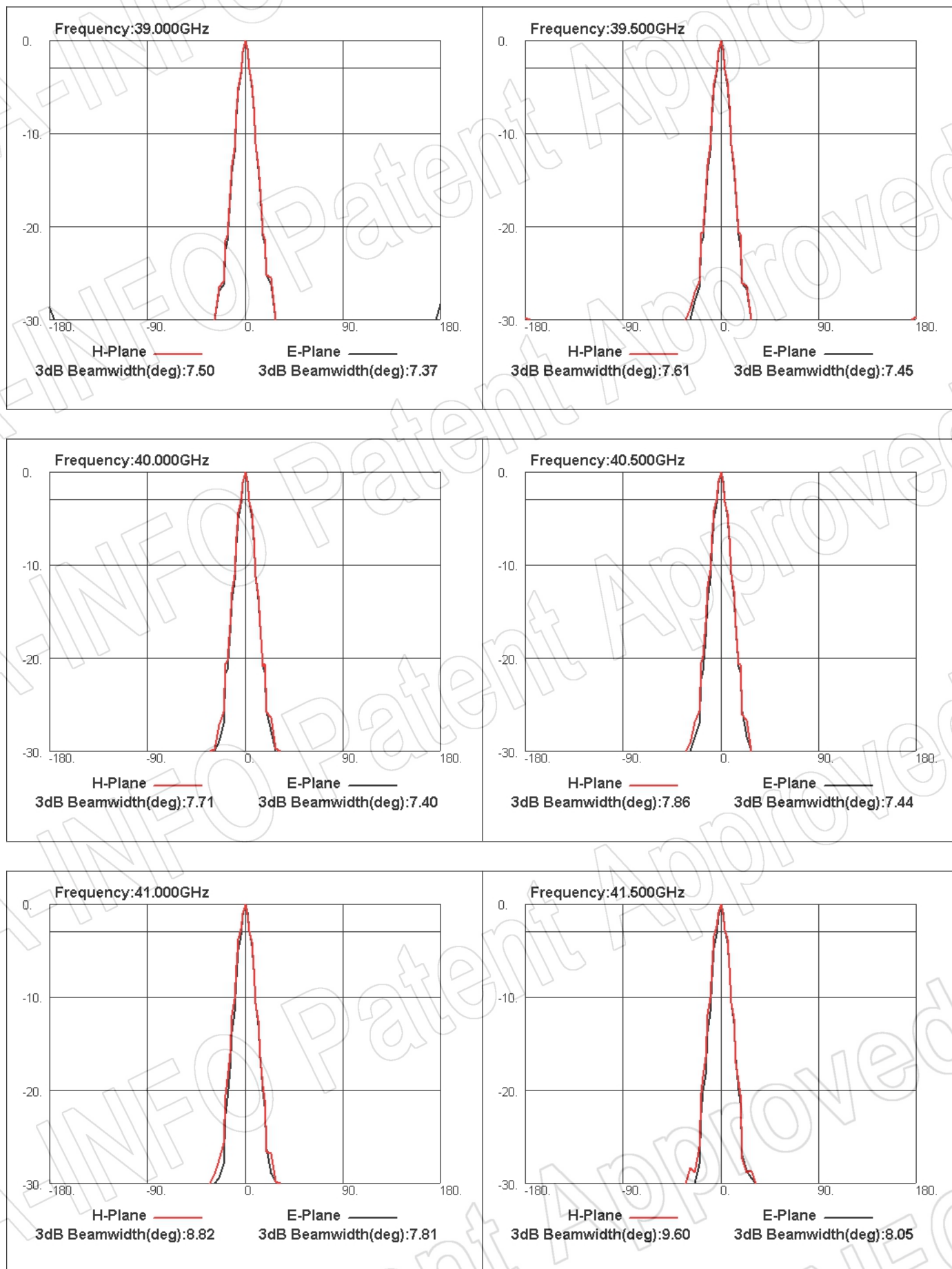
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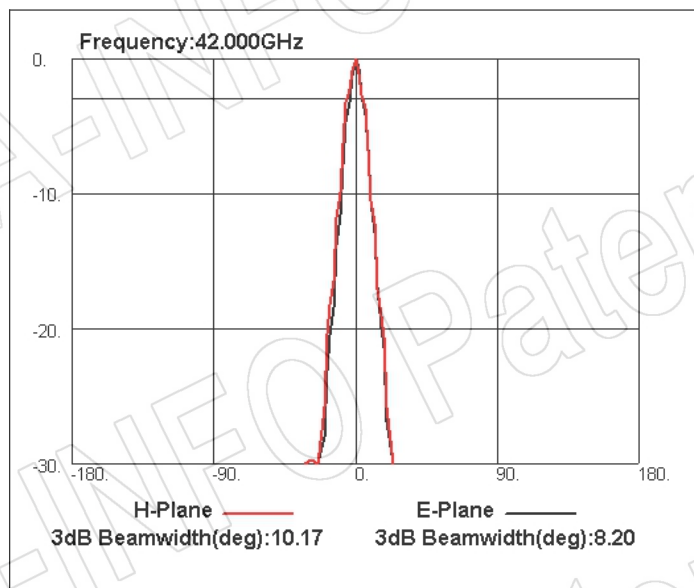












Port-V

