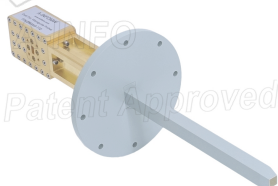


For reference only. See data sheet for the detailed specifications.

Technical Specification

28EWG-T72



28EWG-T72-A1



Frequency Range(GHz)	24.0 – 54.0
Waveguide	WR28
Gain(dBi)	8 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 54 Typ.
	H Plane: 62 Typ.
Cross Pol. Isolation(dB)	25 Typ.
Port to Port Isolation(dB)	40 Typ.
VSWR	2.0:1 Typ.
Output	FBP320(UBR320) (Modified with 4xM3 Deep3)
Material	Cu
Finish	Gold Plated, Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	28EWG-T72: 101.6 x 101.6 x 297.8
	28EWG-T72-A1: 399.6 x 399.6 x 297.8
Net Weight(Kg)	28EWG-T72: 0.52 Around
	28EWG-T72-A1: 2.66 Around

PATENT ID (US)

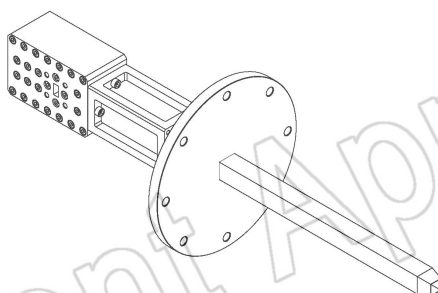
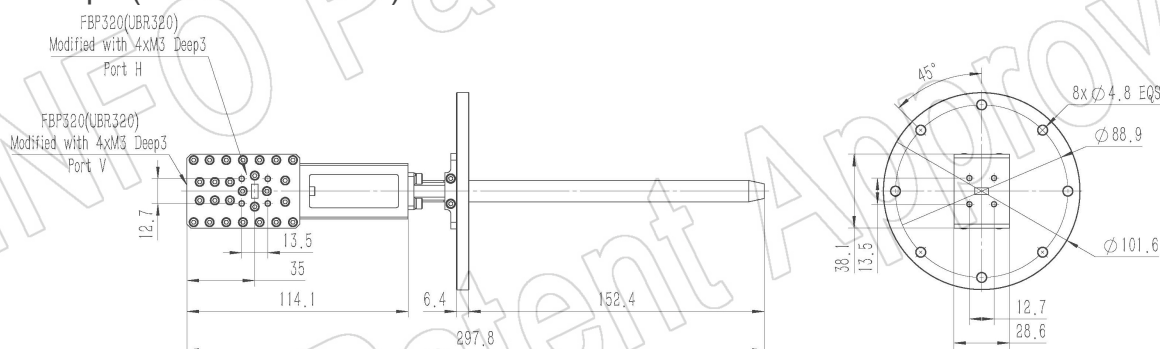
US 11031692

PATENT ID (China)

ZL202020594309.9

Outline Drawing (Size: mm)

FBP320 Output(P/N: 28EWG-T72)



AINFO Inc.

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

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

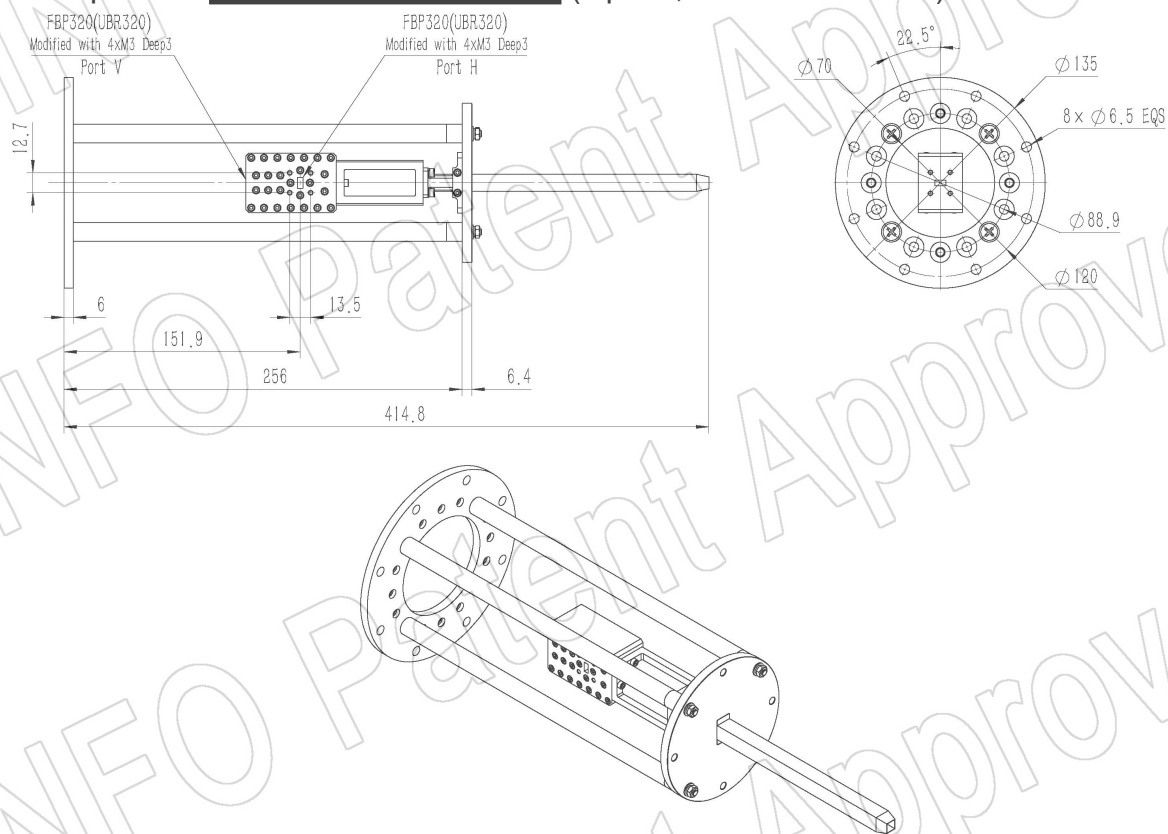
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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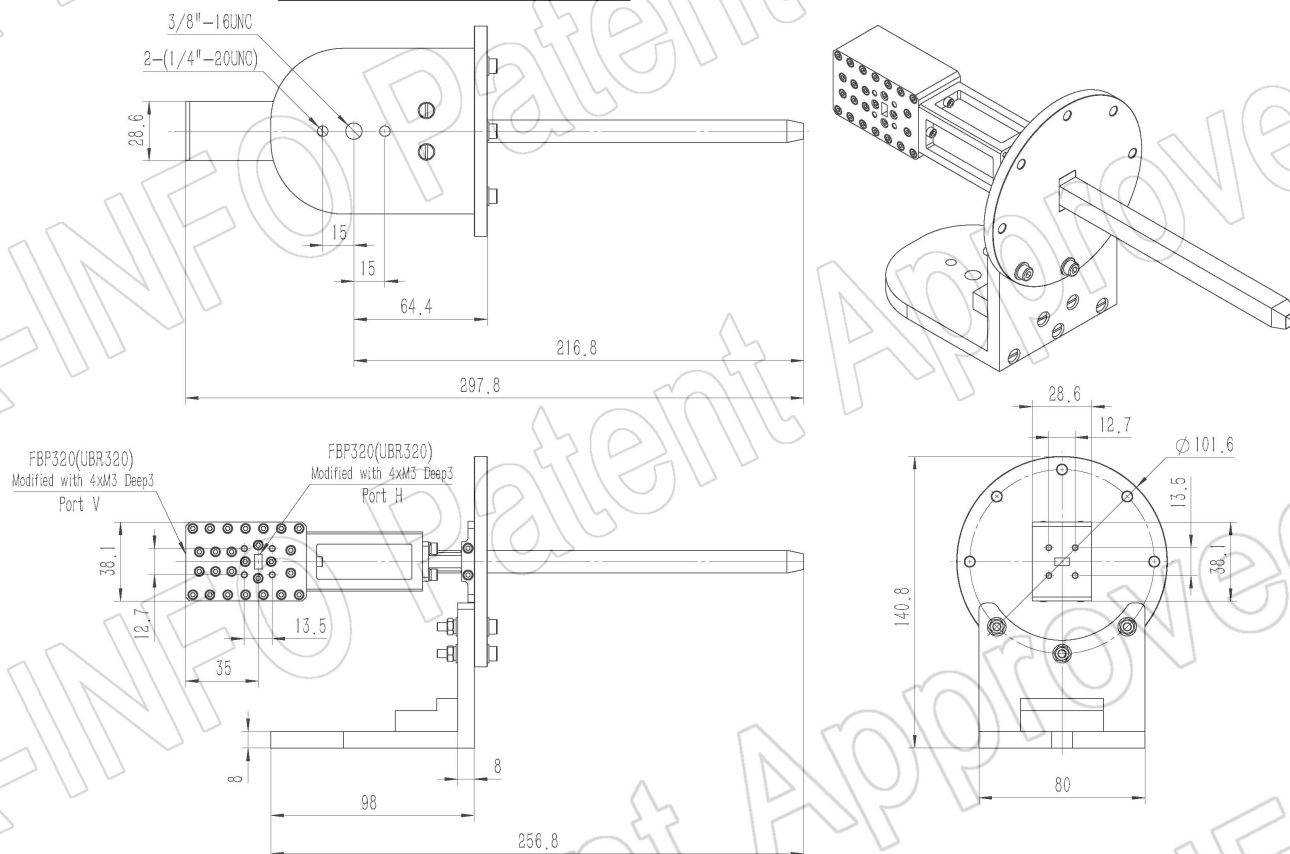
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

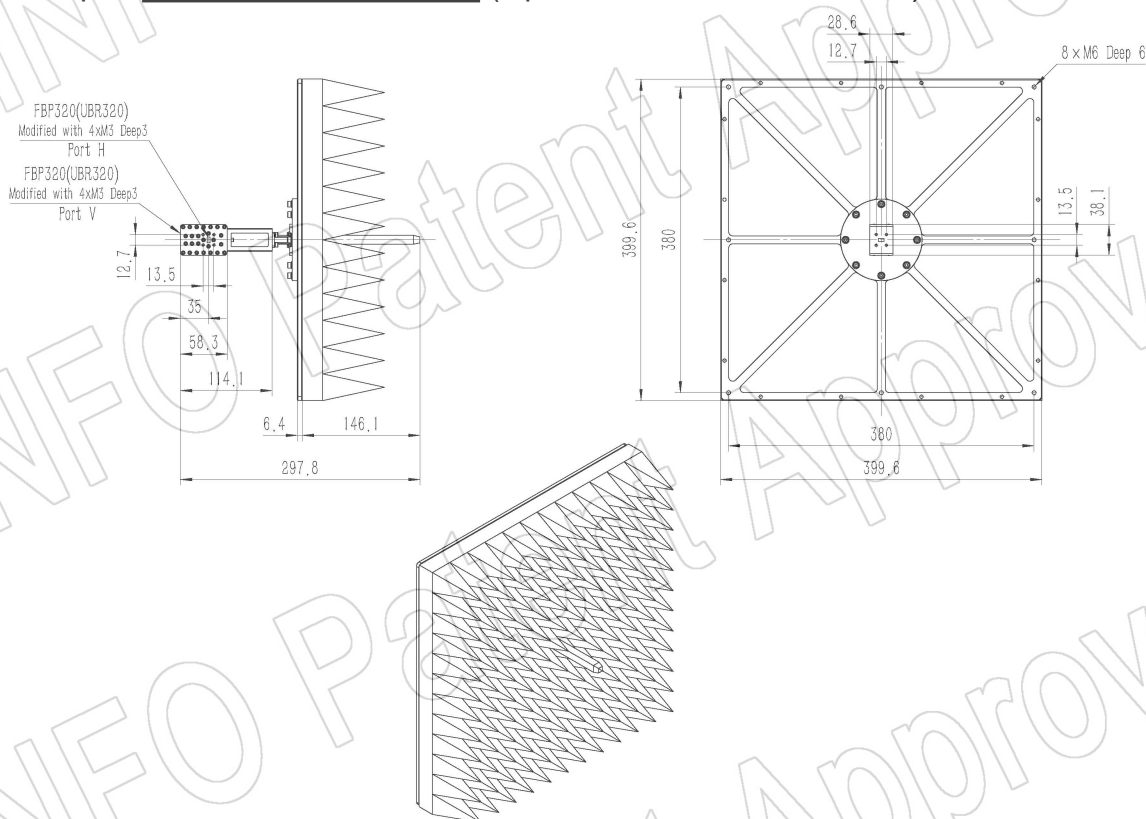
FBP320 Output with Round Mounting Bracket (Option, P/N: EWG-MB40)



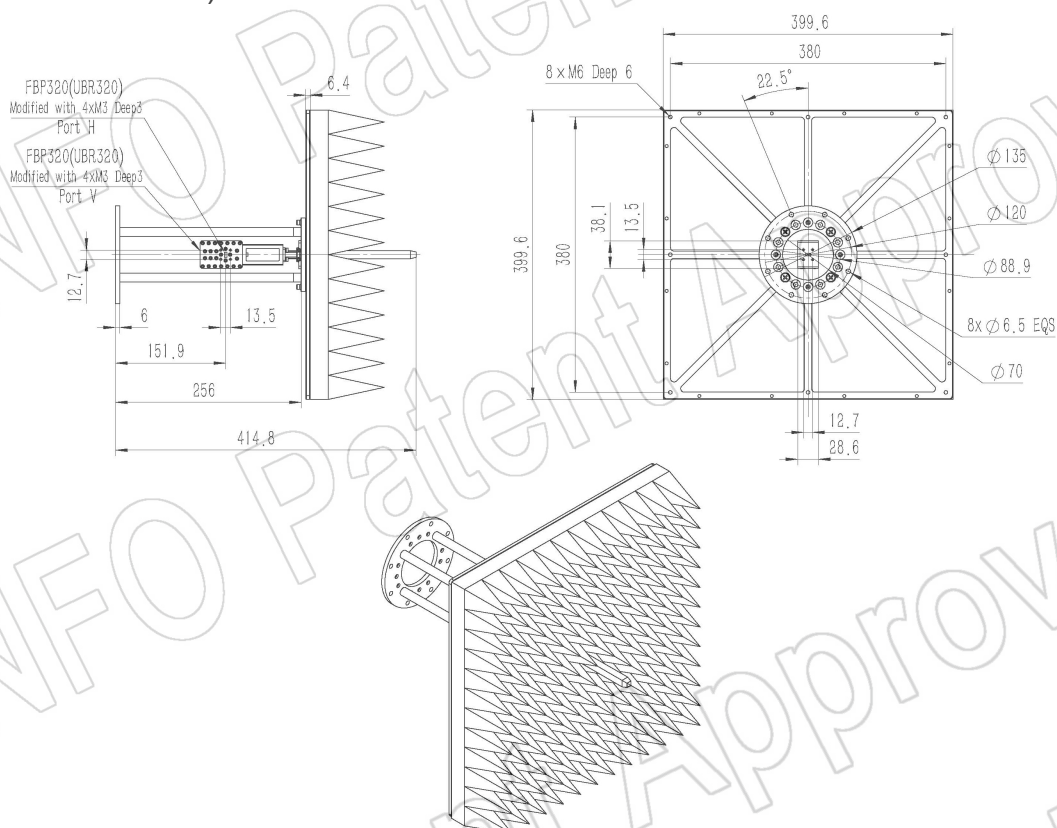
FBP320 Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FRP)



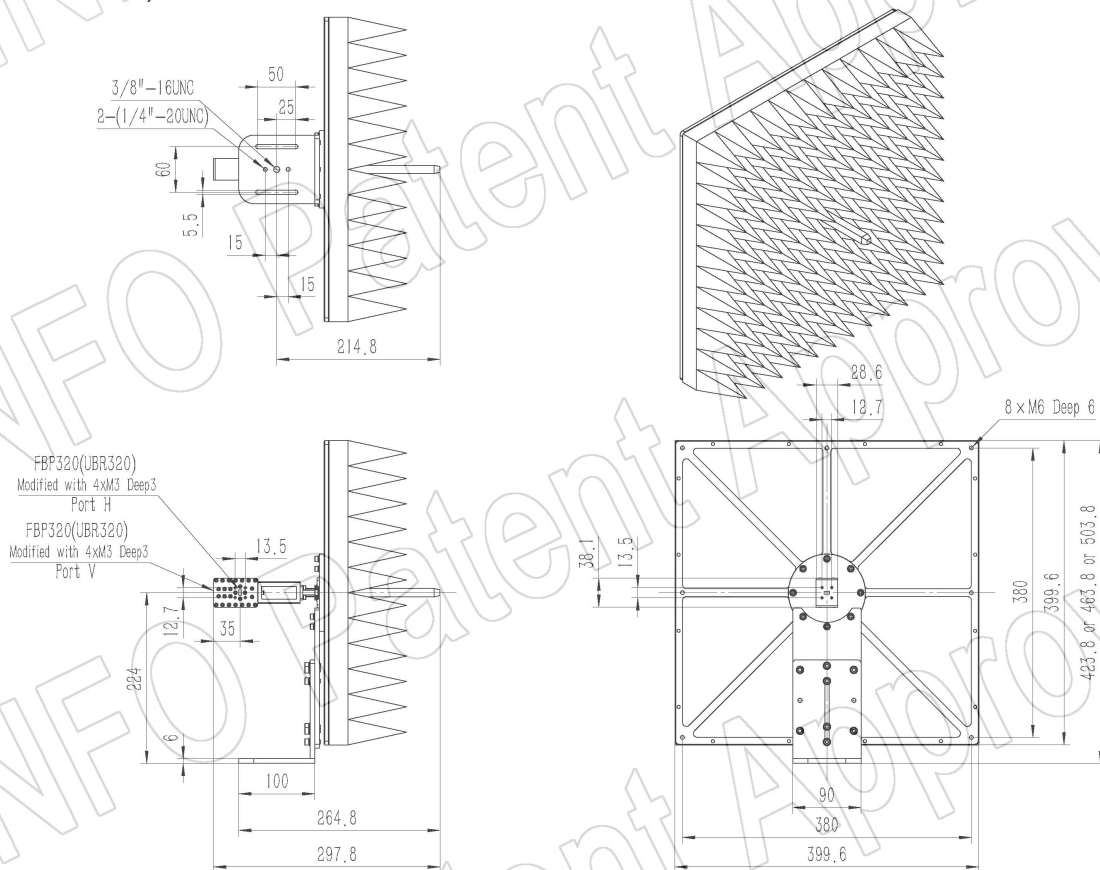
FBP320 Output, Equipped with Absorber (Option, P/N: 28EWG-T72-A1)



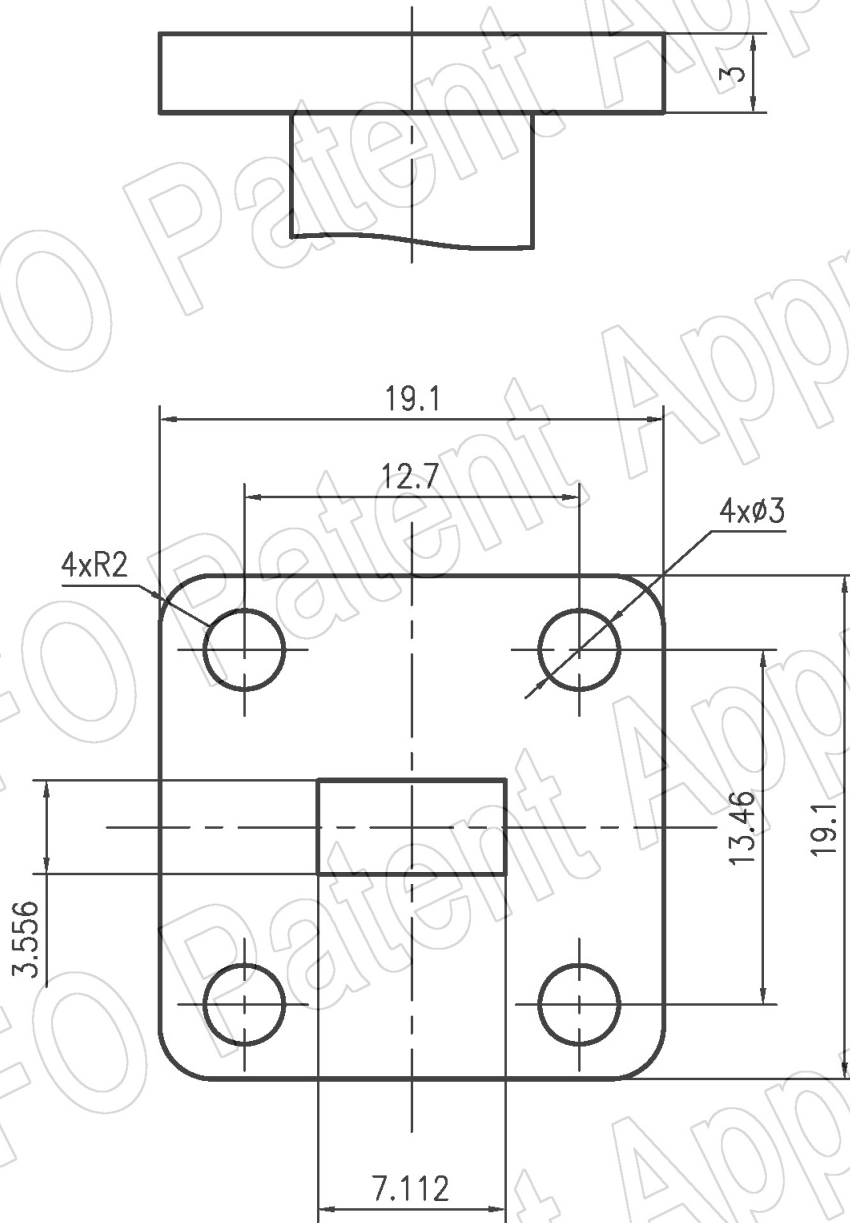
FBP320 Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & 28EWG-T72-A1)



FB320 Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & 28EWG-T72-A1)



Flange Drawing (Size: mm)



FBP320

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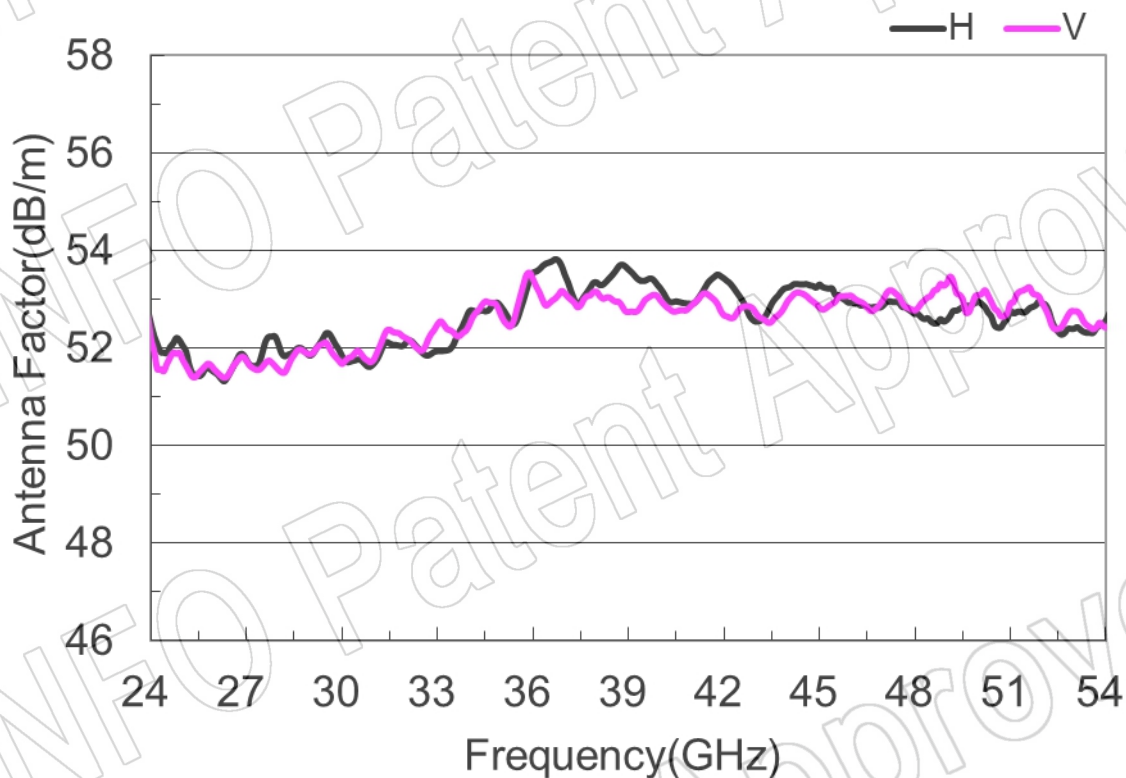
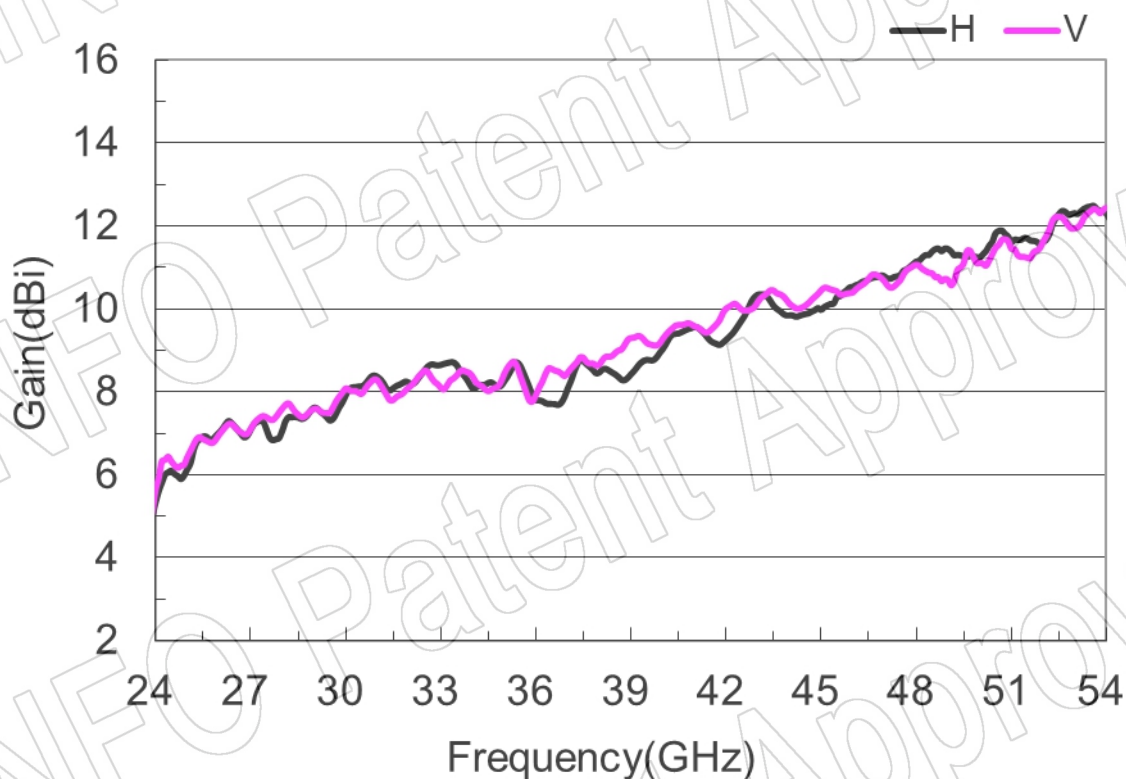
Page 5 of 19

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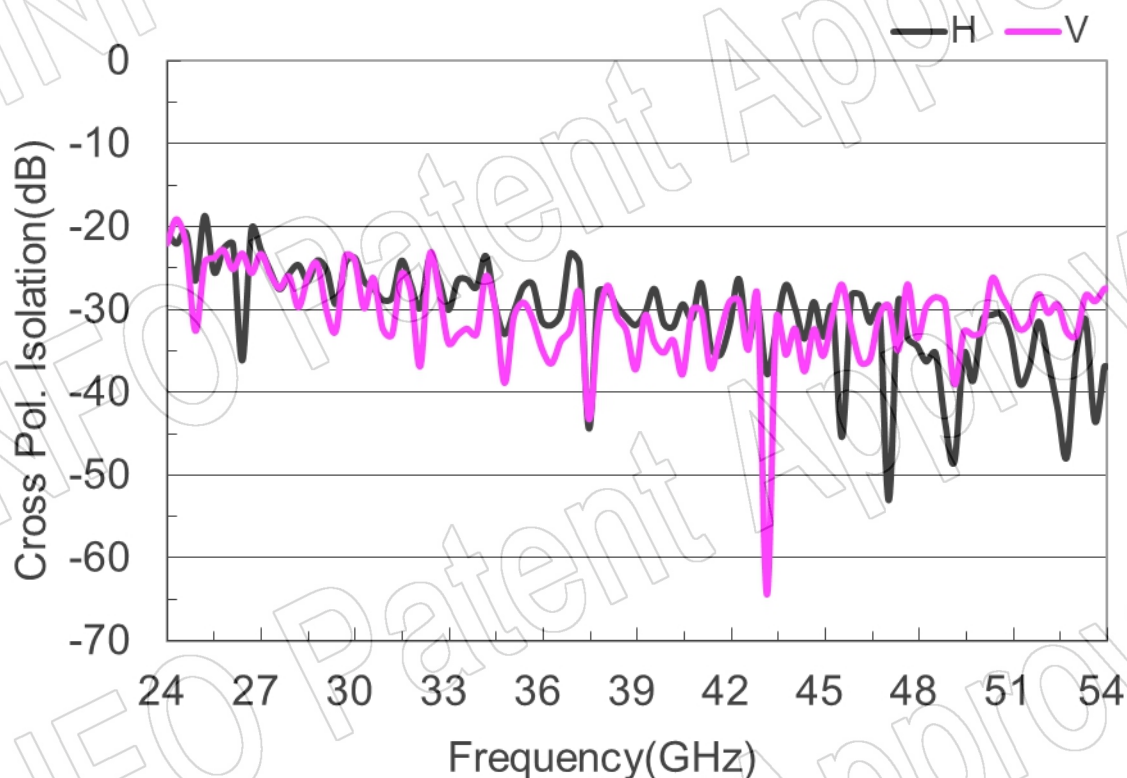
Website: www.ainfoinc.com
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Test Results

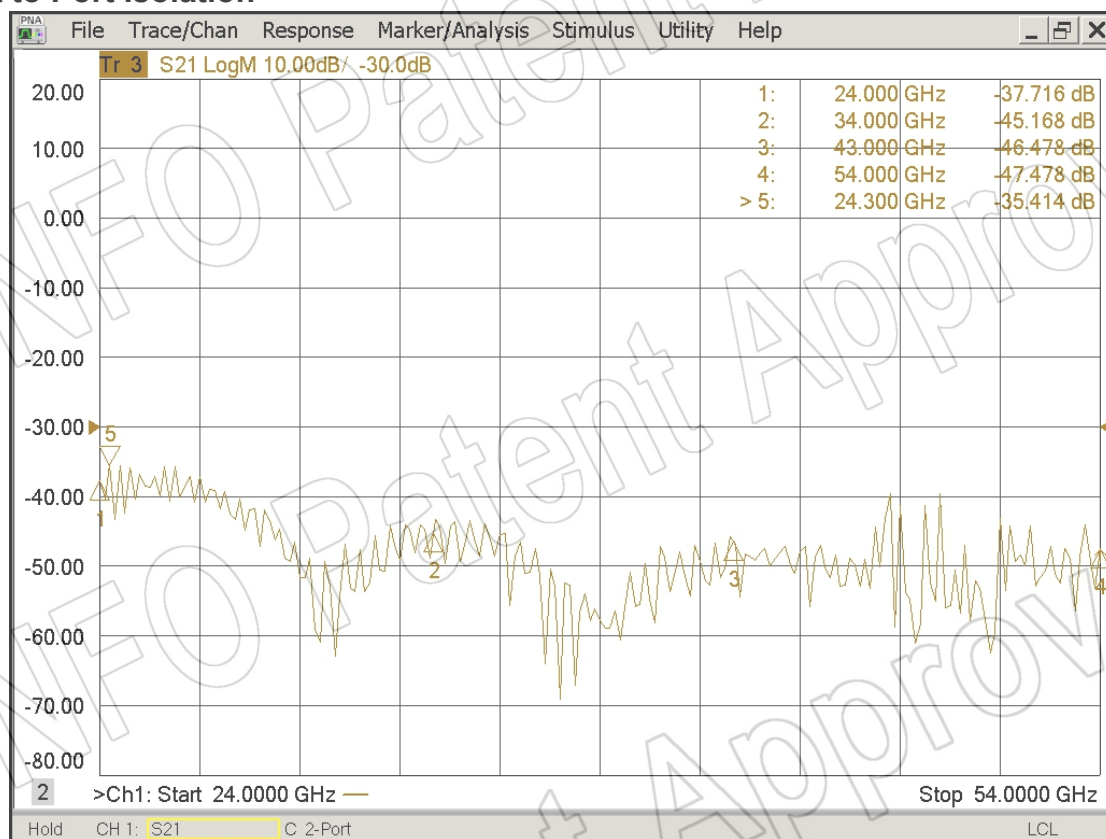
1. Gain & Antenna Factor



2. Cross Polarization Isolation

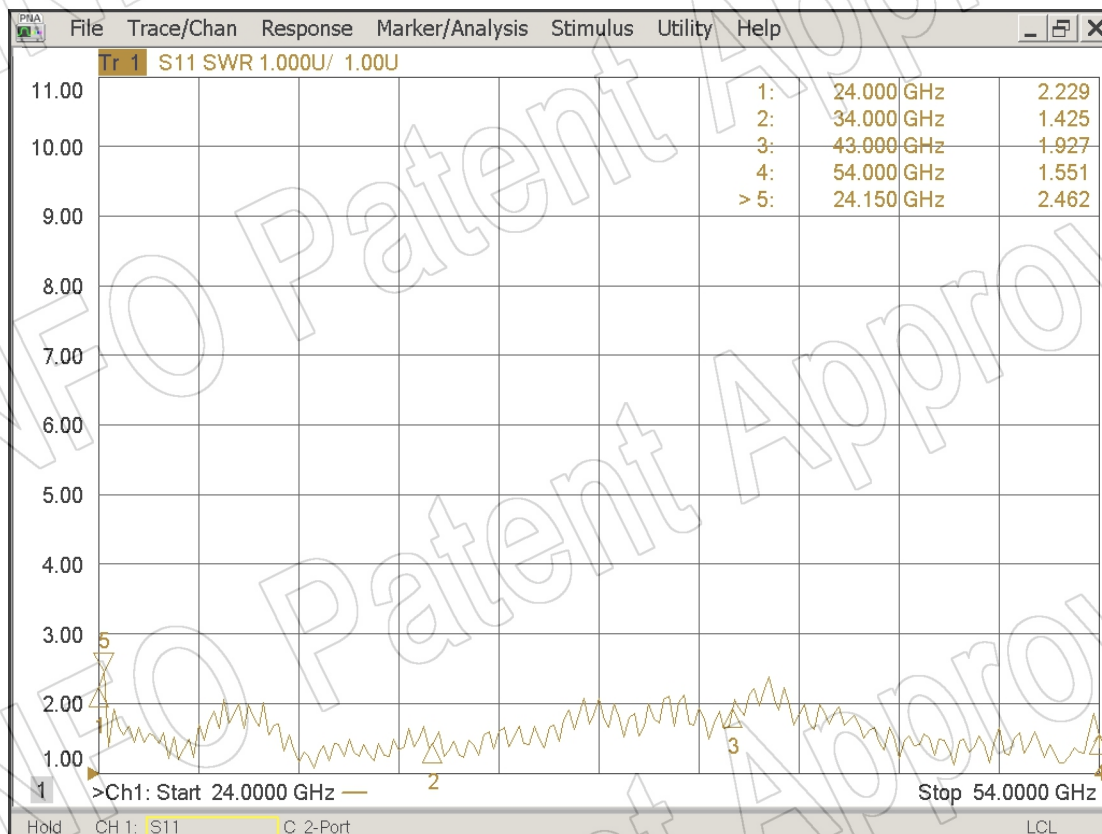


3. Port to Port Isolation

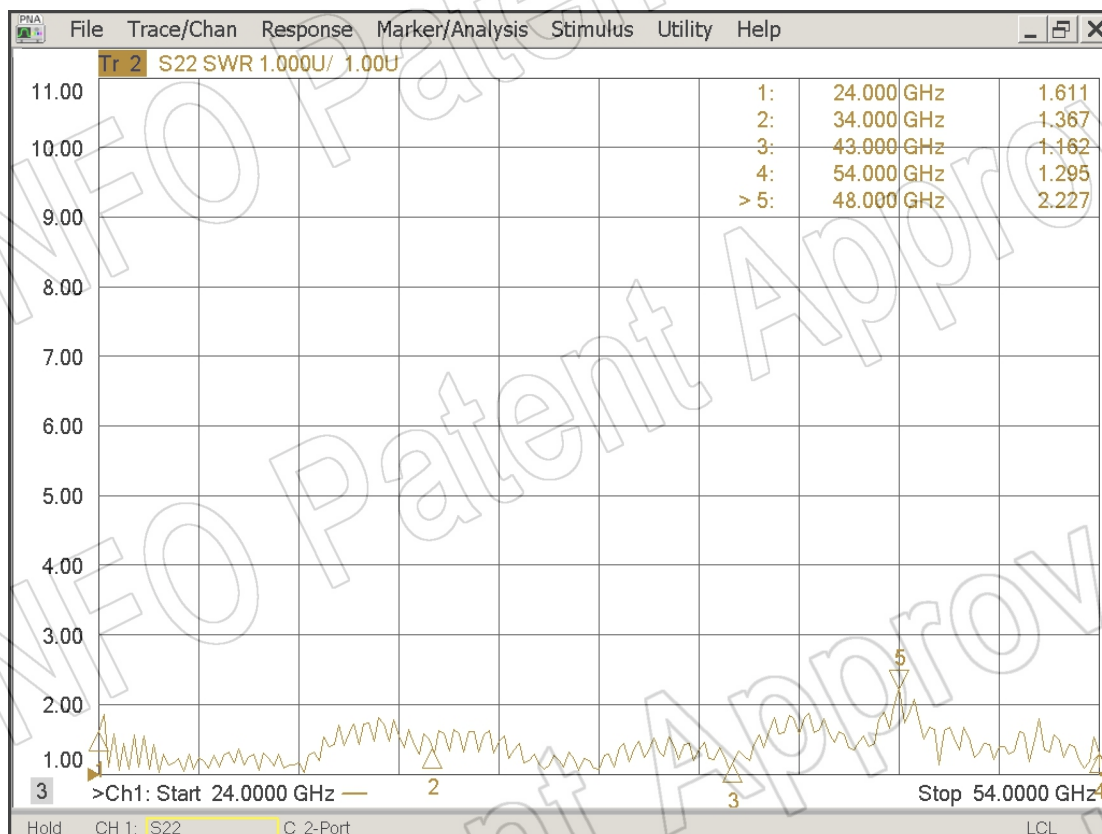


4. VSWR

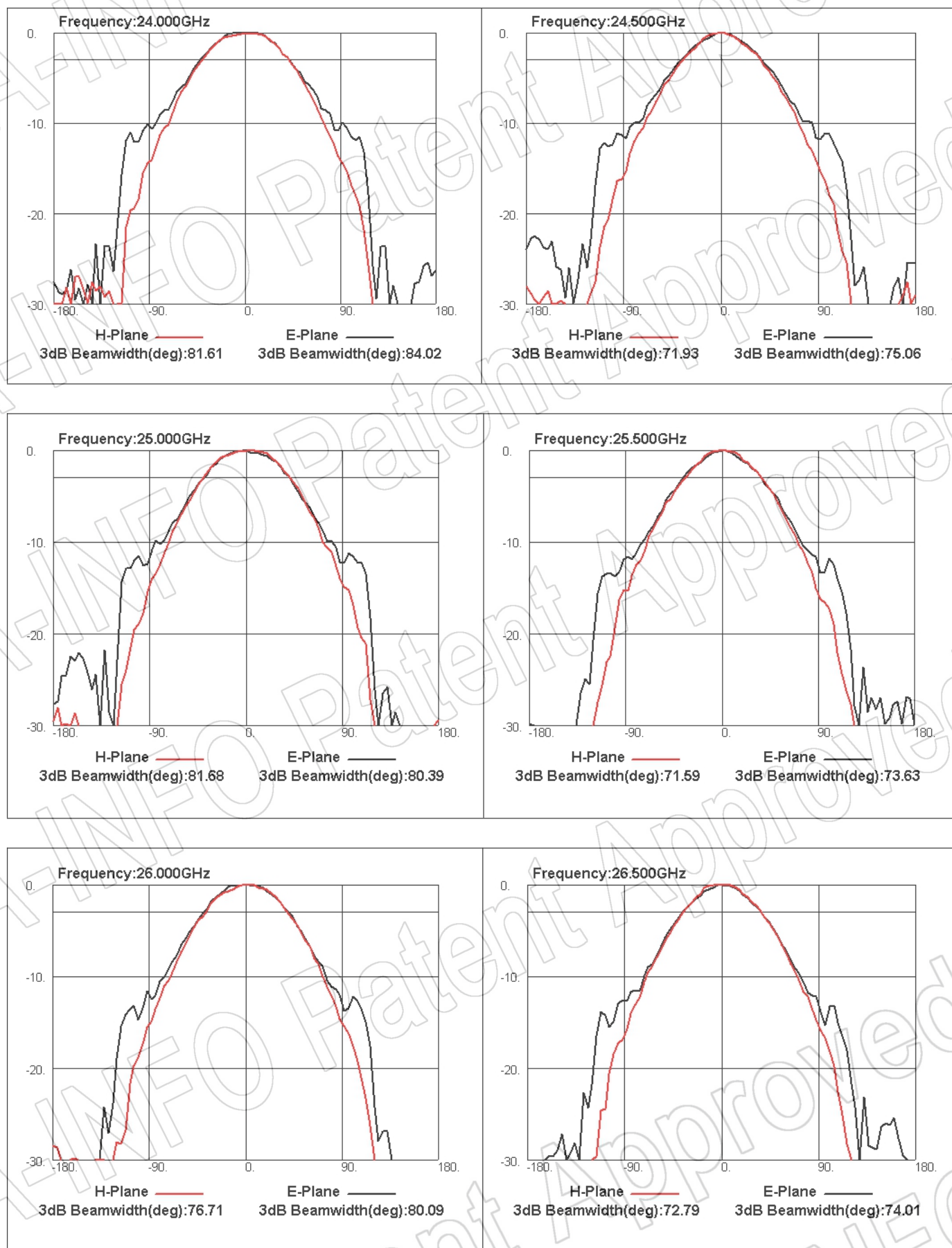
Port-H



Port-V



5. Pattern



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