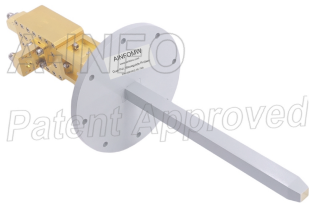


For reference only. See data sheet for the detailed specifications.

Technical Specification

28EWG2.4E-T68



28EWG2.4E-T68-A1



Frequency Range(GHz)	24.0 – 50.0
Waveguide	WR28
Gain(dBi)	8 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 57 Typ.
	H Plane: 64 Typ.
Cross Pol. Isolation(dB)	25 Typ.
Port to Port Isolation(dB)	40 Typ.
VSWR	2.0:1 Typ.
Output	Port-H: 2.4mm-Female
	Port-V: Endlaunch 2.4mm-Female
Material	Cu
Finish	Gold Plated, Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	28EWGxE-T68: 101.6 x 101.6 x 316
	28EWGxE-T68-A1: 399.6 x 399.6 x 316
Net Weight(Kg)	28EWGxE-T68: 0.58 Around
	28EWGxE-T68-A1: 3.22 Around

PATENT ID (US)

US 11031692, US 10871511, US D957336

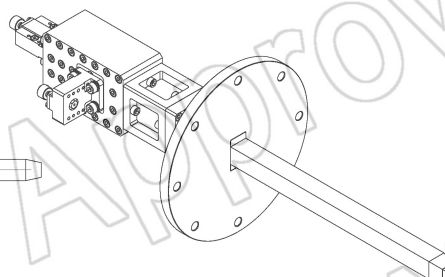
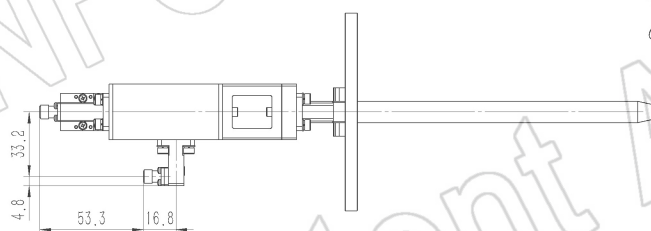
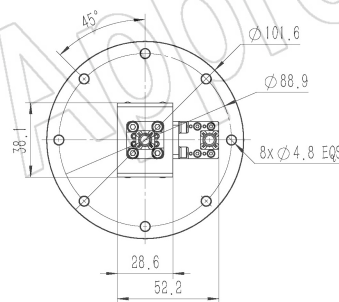
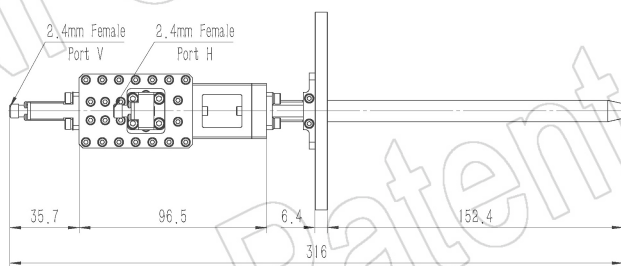
ZL202020594309.9, ZL202030233445.0

PATENT ID (China)

ZL202210278239.X, ZL202220615760.3, ZL202220615759.0
ZL202030231781.1, ZL202130553080.4, ZL202230147593.X

Outline Drawing (Size: mm)

2.4mm-Female Output (P/N: 28EWG2.4E-T68)



AINFO Inc.

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

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

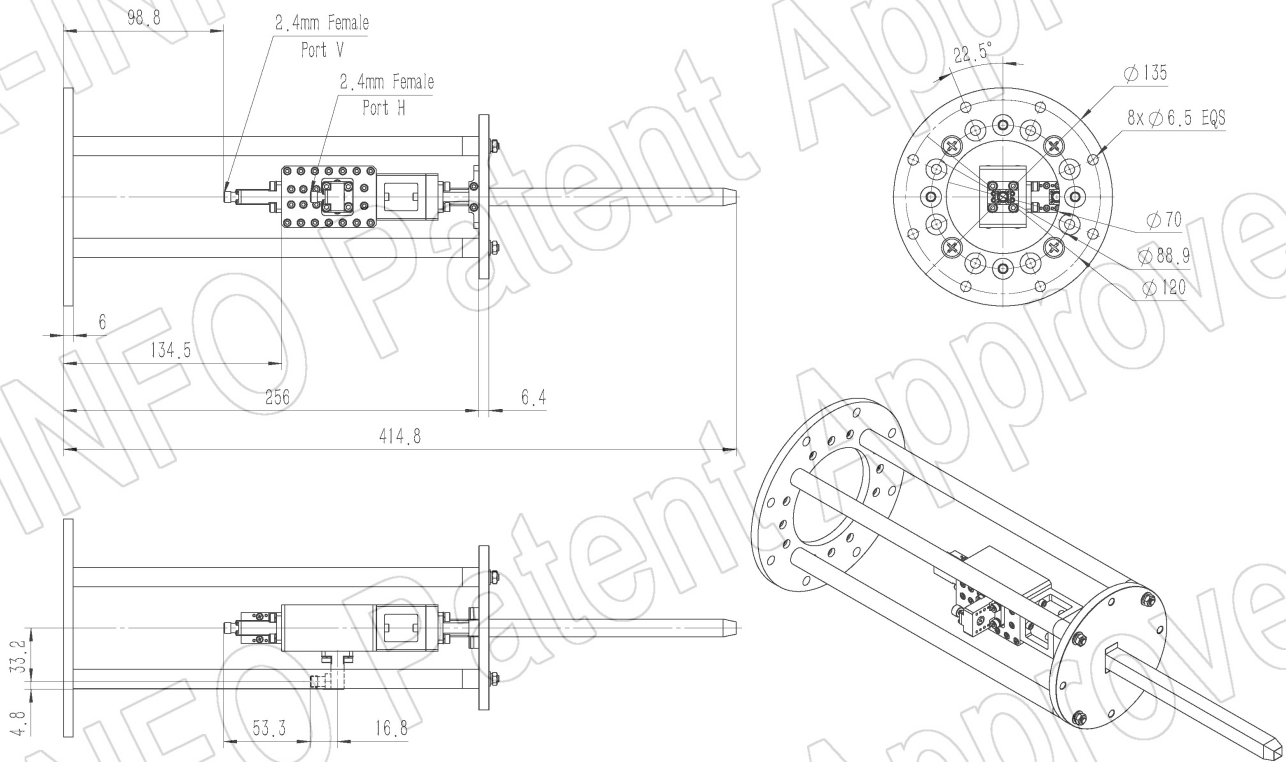
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Page 1 of 16

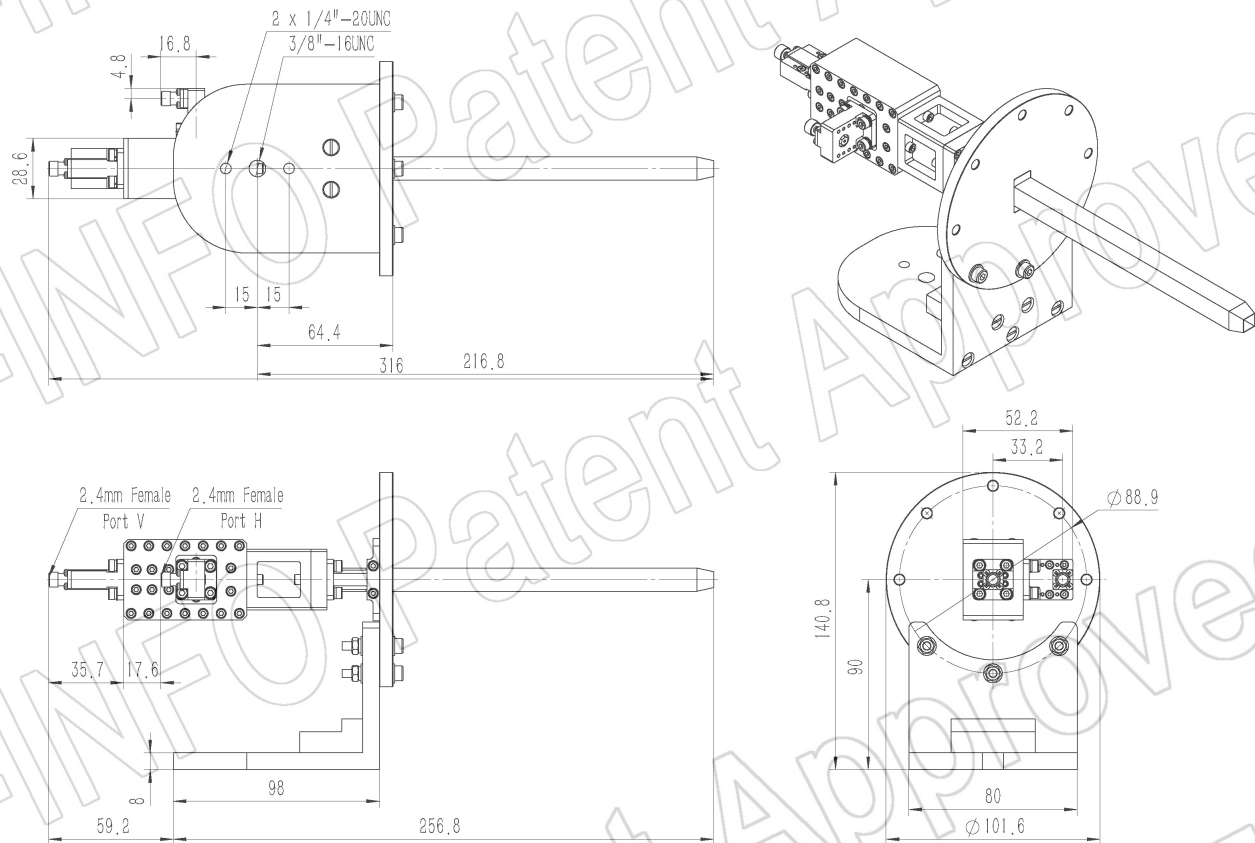
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

2.4mm-Female Output with Round Type Mounting Bracket (Option, P/N: EWG-MB40)



2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FPR)



AINFO Inc.

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

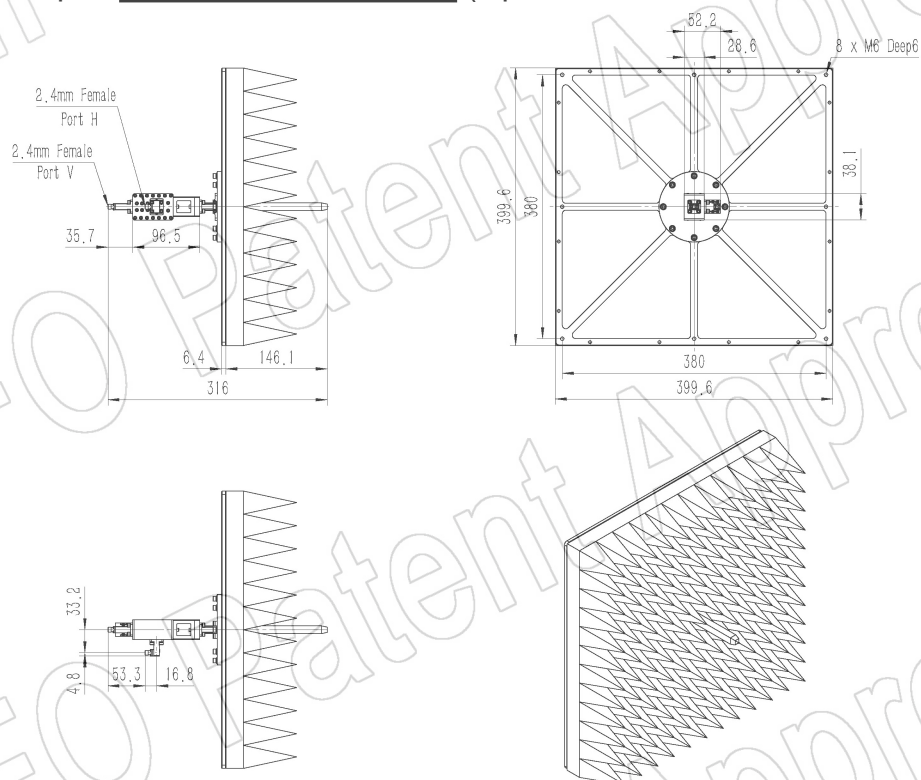
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

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

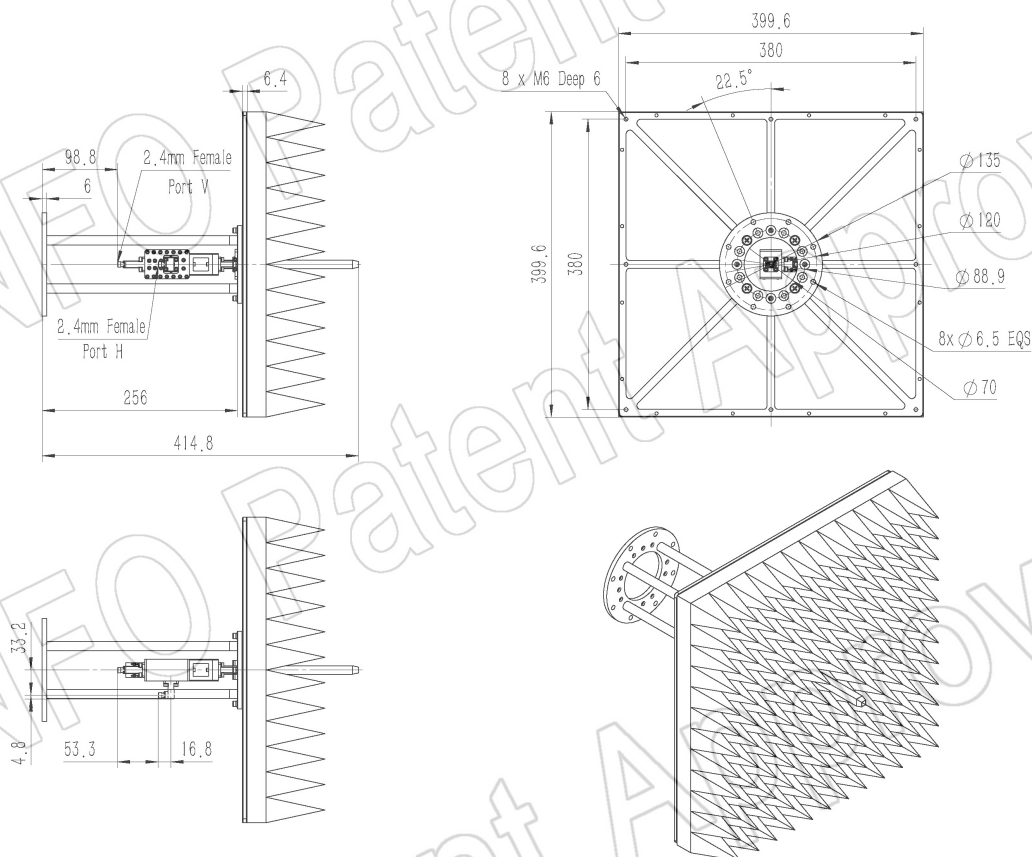
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

2.4mm-Female Output, Equipped with Absorber (Option, P/N: 28EWG2.4E-T68-A1)



2.4mm-Female Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & 28EWG2.4E-T68-A1)



AINFO Inc.

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

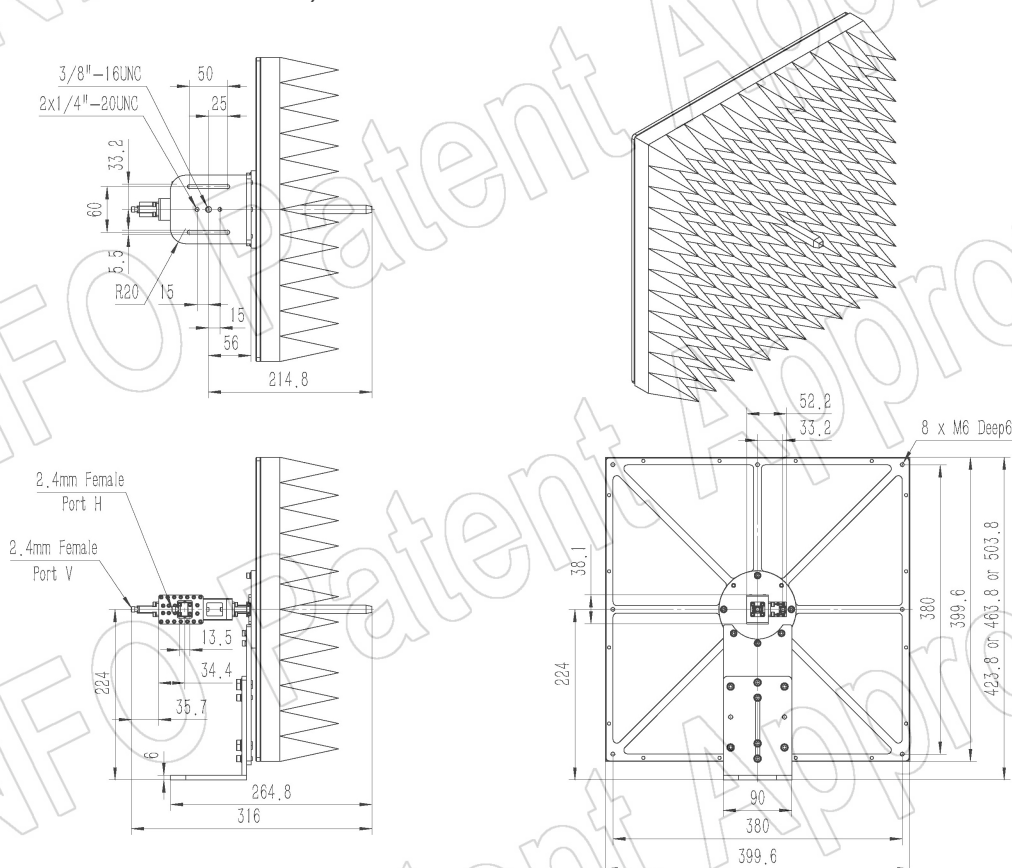
Tel: (+86) 10-6266-7326,
 Tel: (+86) 28-8519-2786,
 Tel: (+1) 949-639-9688,

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

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

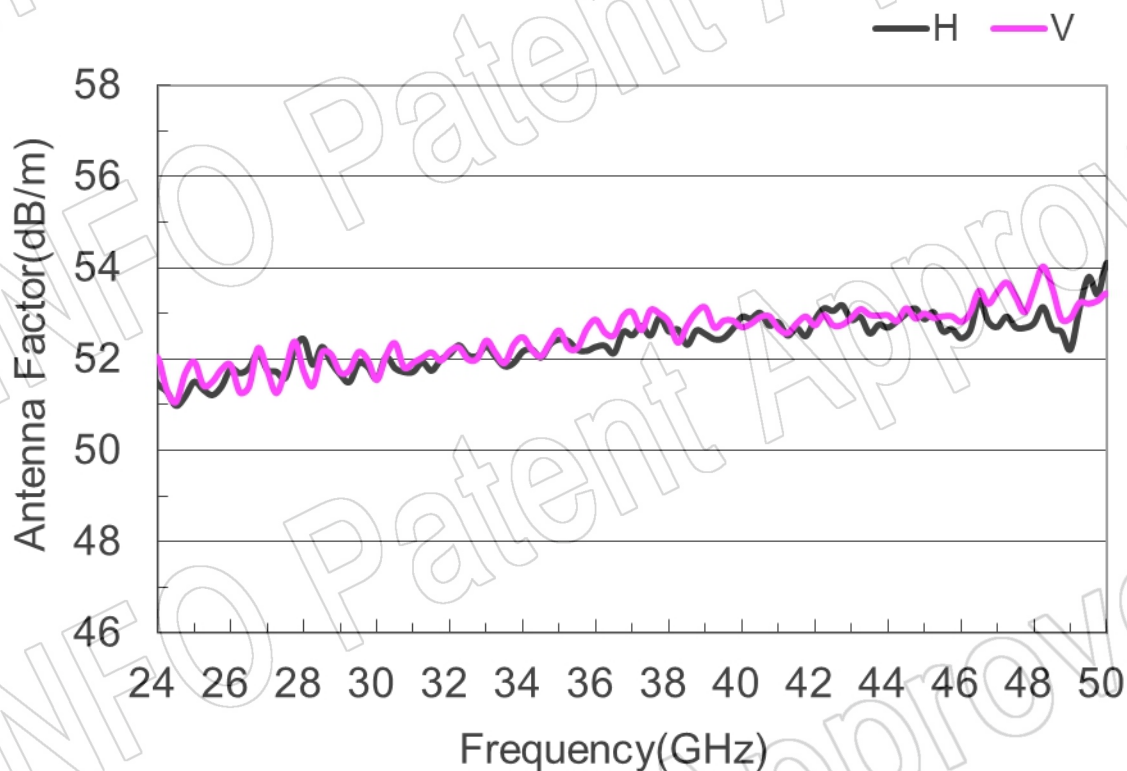
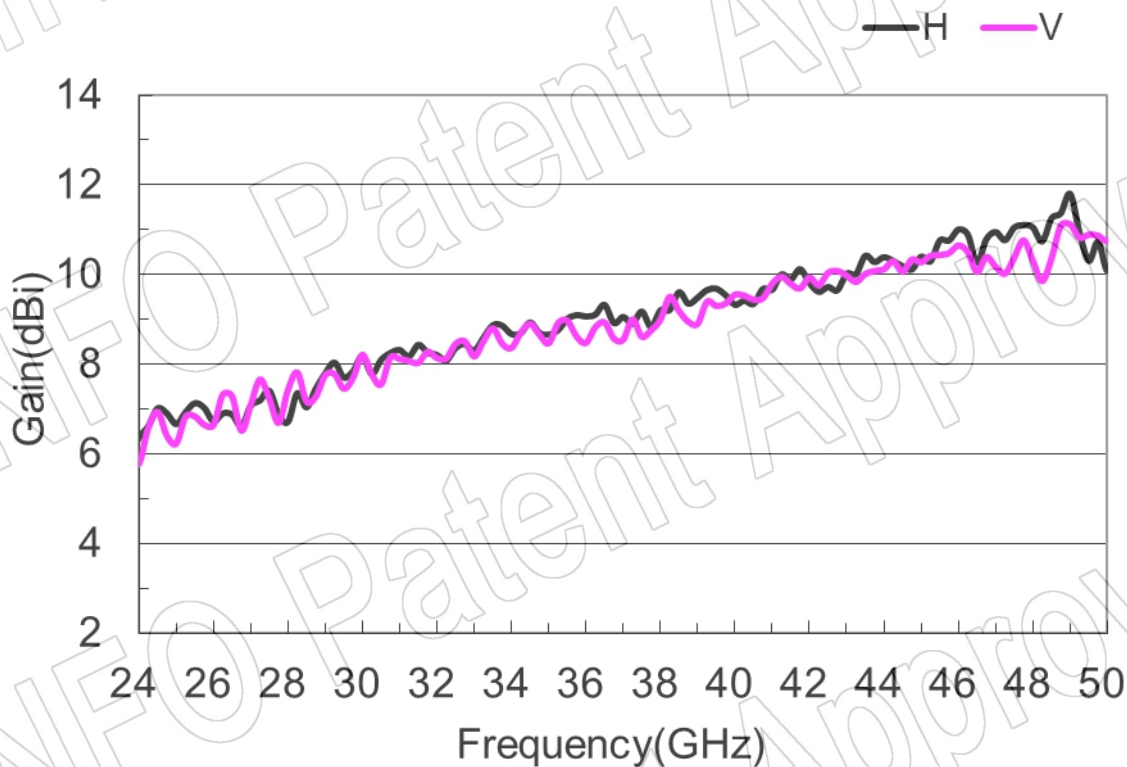
Website: www.ainfoinc.com
 Email: sales@ainfoinc.com

2.4mm-Female Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & 28EWG2.4E-T68-A1)

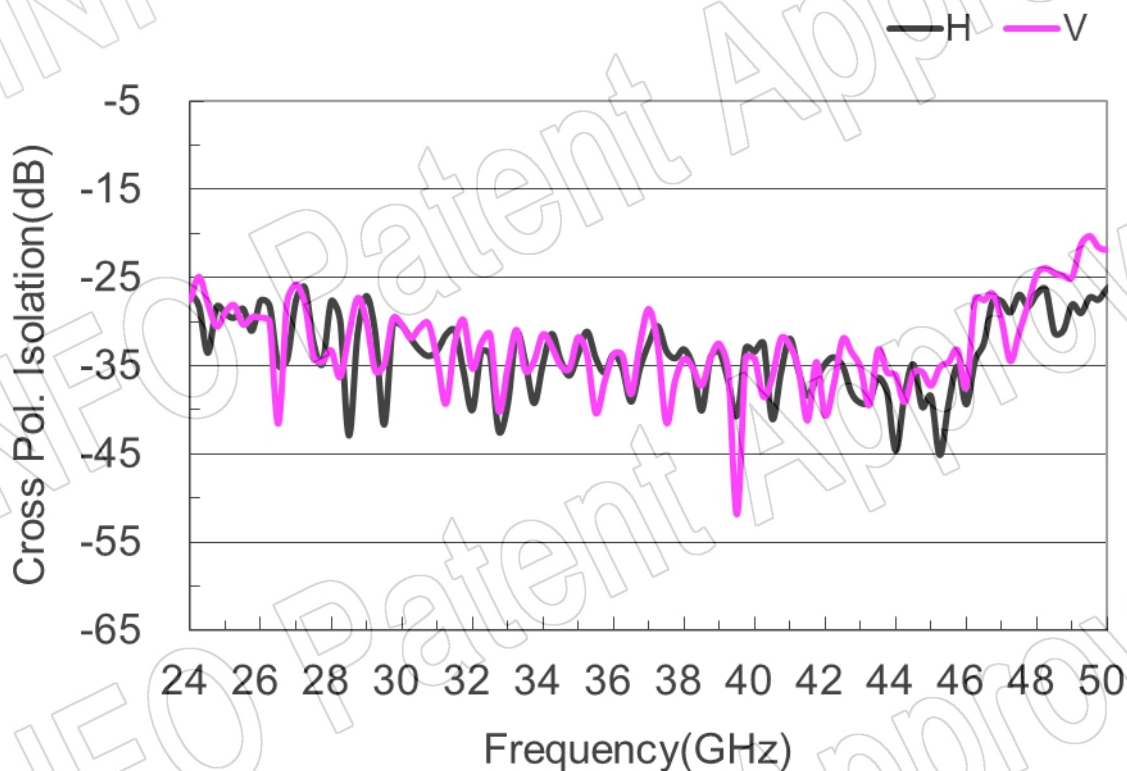


Test Results

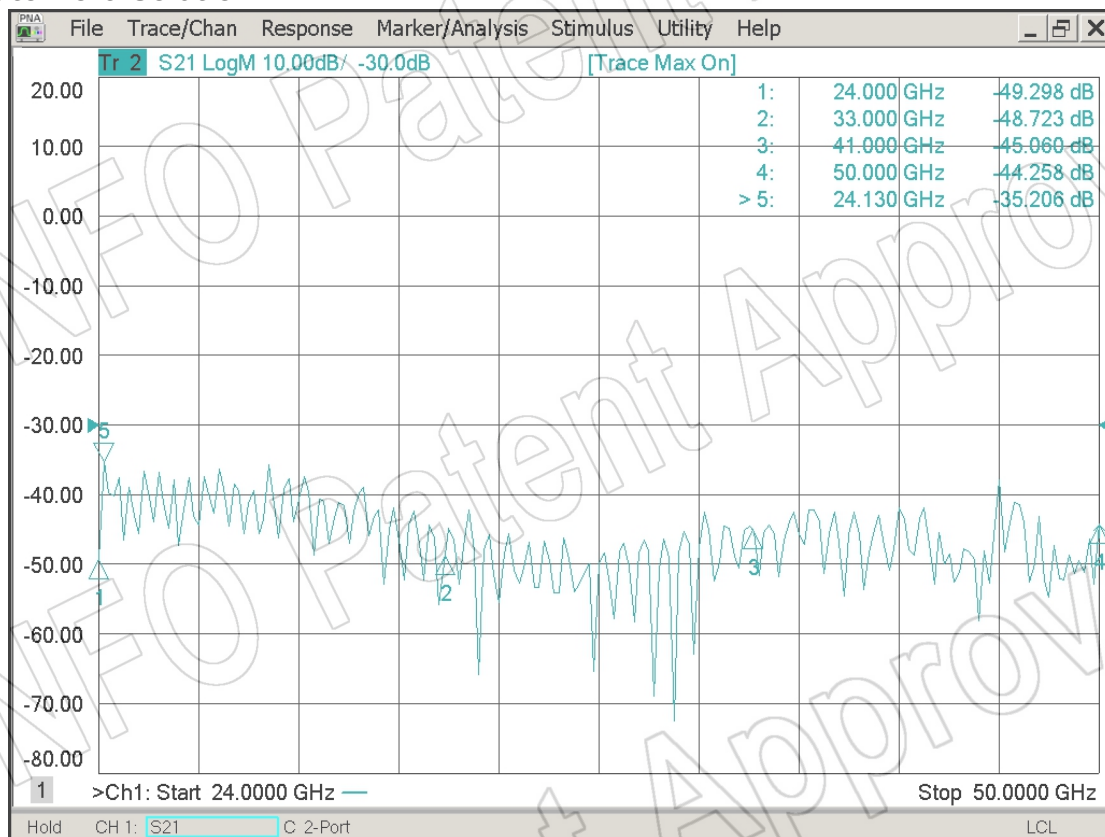
1. Gain & Antenna Factor



2. Cross Polarization Isolation

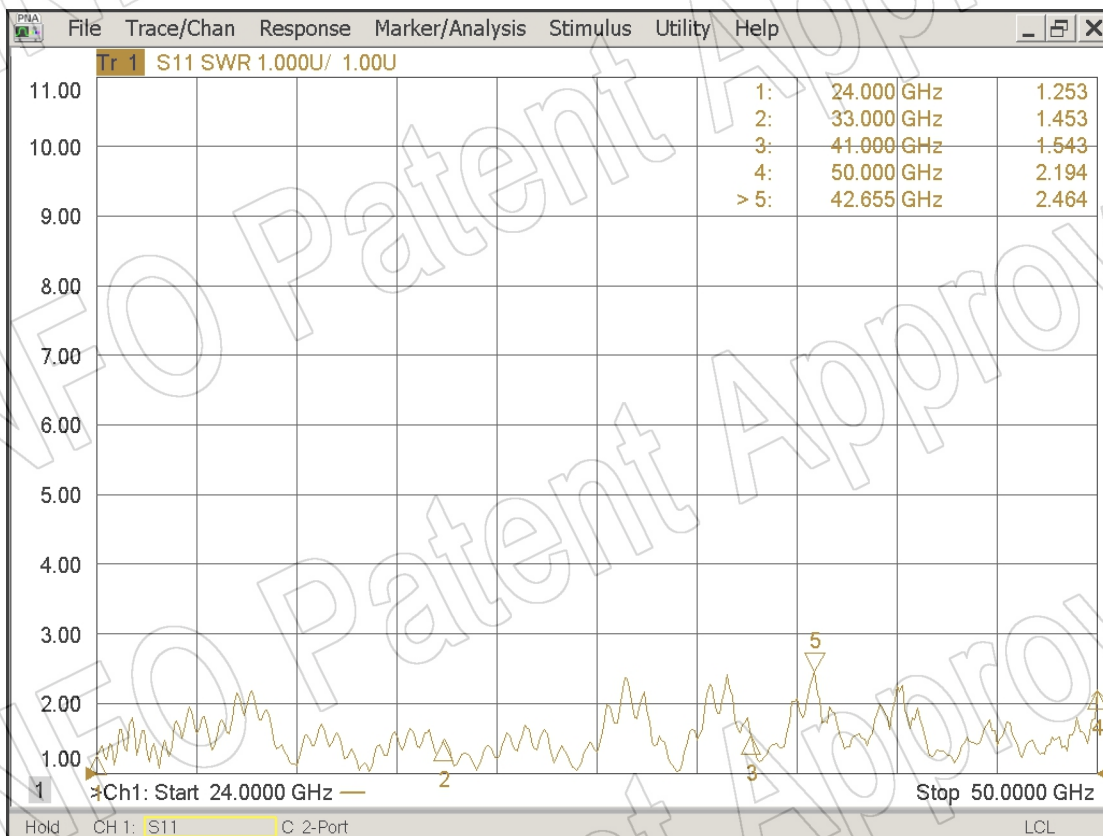


3. Port to Port Isolation

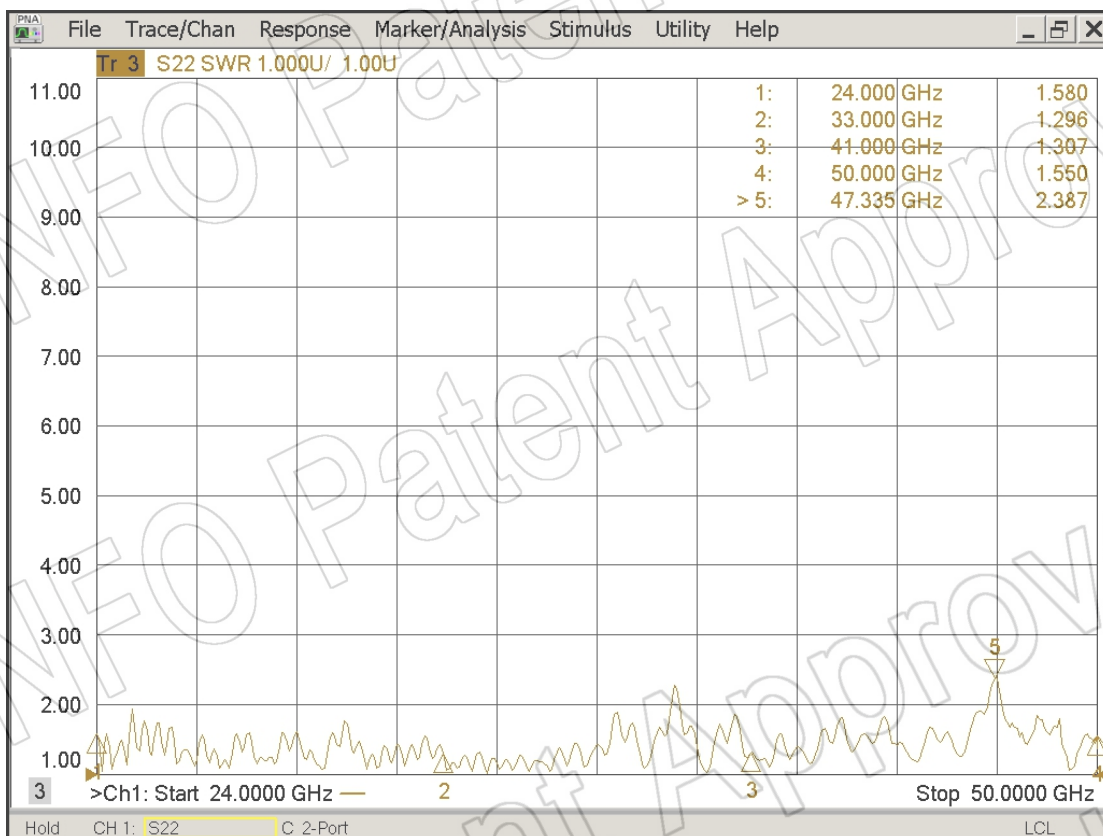


4. VSWR

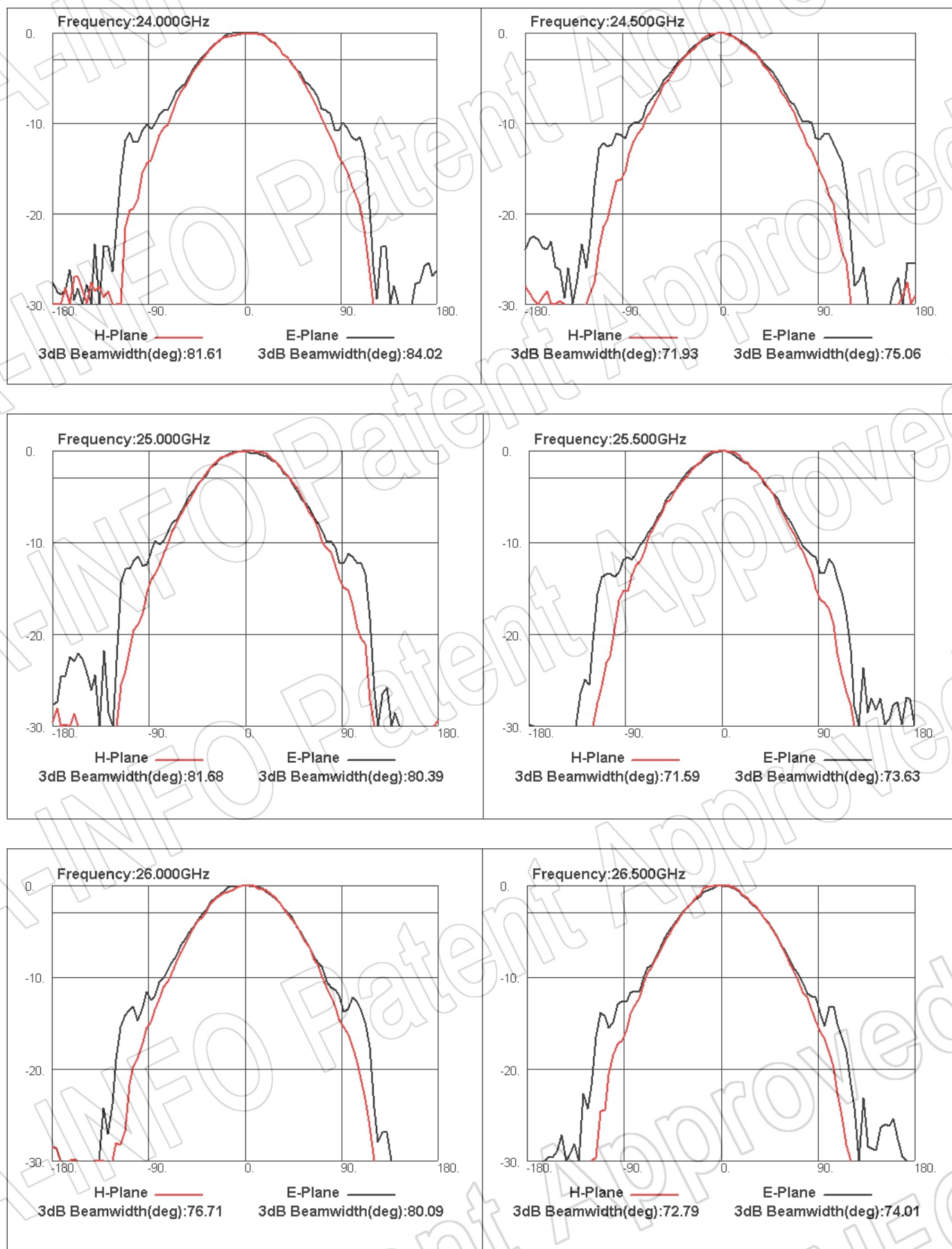
Port-H



Port-V



5. Pattern



AINFO Inc.

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