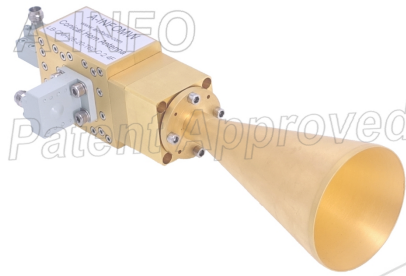


For reference only. See data sheet for the detailed specifications.

Technical Specification



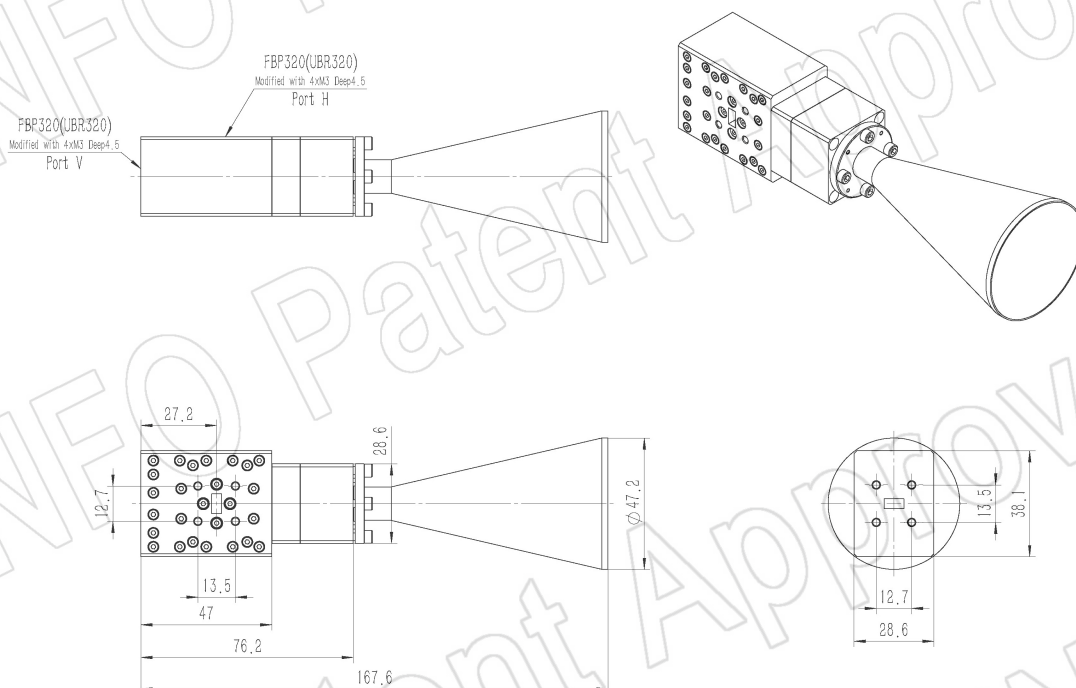
Frequency Range(GHz)	23.5 - 43.5
Waveguide	WR28
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 12 Typ.
	H Plane: 15 Typ.
Cross Pol. Isolation(dB)	50 Typ.
Port to Port Isolation(dB)	50 Typ. ; 40 Min.
VSWR	A Type: 2.0:1 Max.
	C Type: 2.2:1 Max.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 D4.5)
	C Type: 2.4mm-Female or 2.92mm-Female
Material	Al
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 47.2 x 47.2 x 167.6
	C Type: 60.76 x 47.2 x 190.48
Net Weight(Kg)	A Type: 0.23 Around
	C Type: 0.31 Around

PATENT ID (US)

US D963575

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-20-T62-A)



AINFO Inc.

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

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

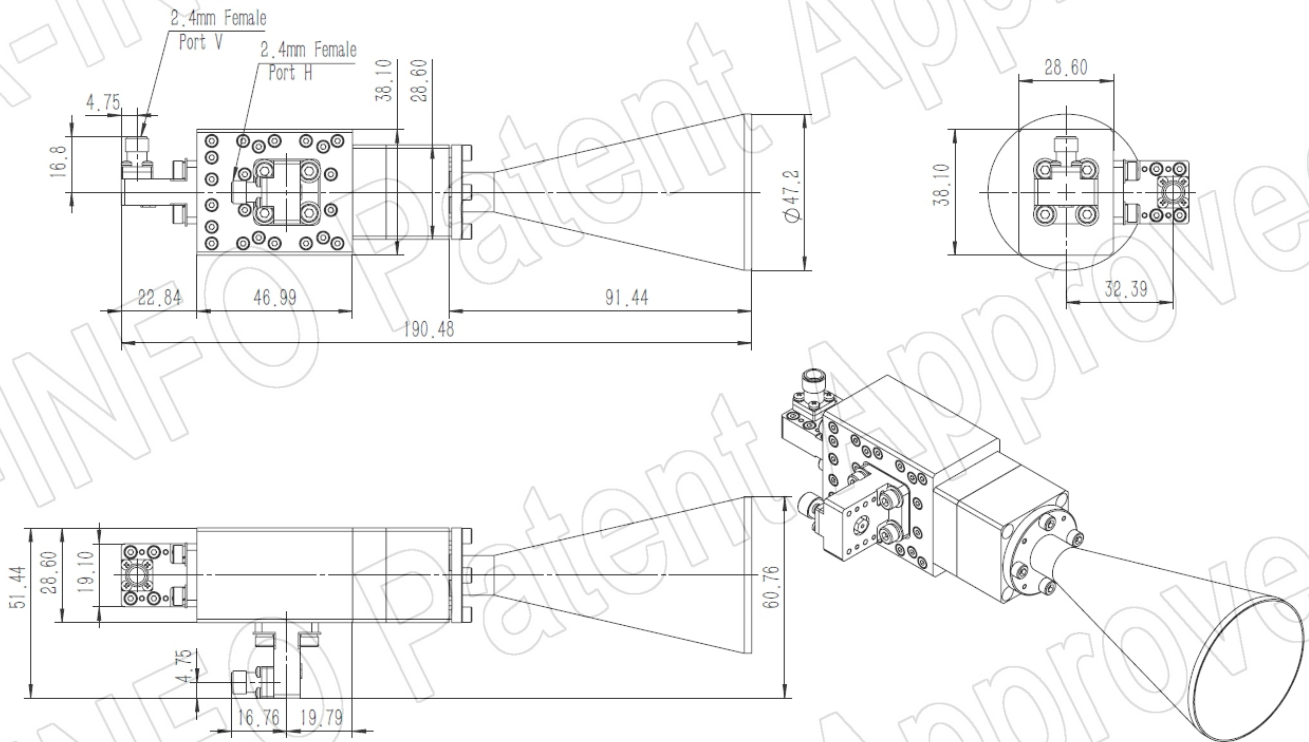
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

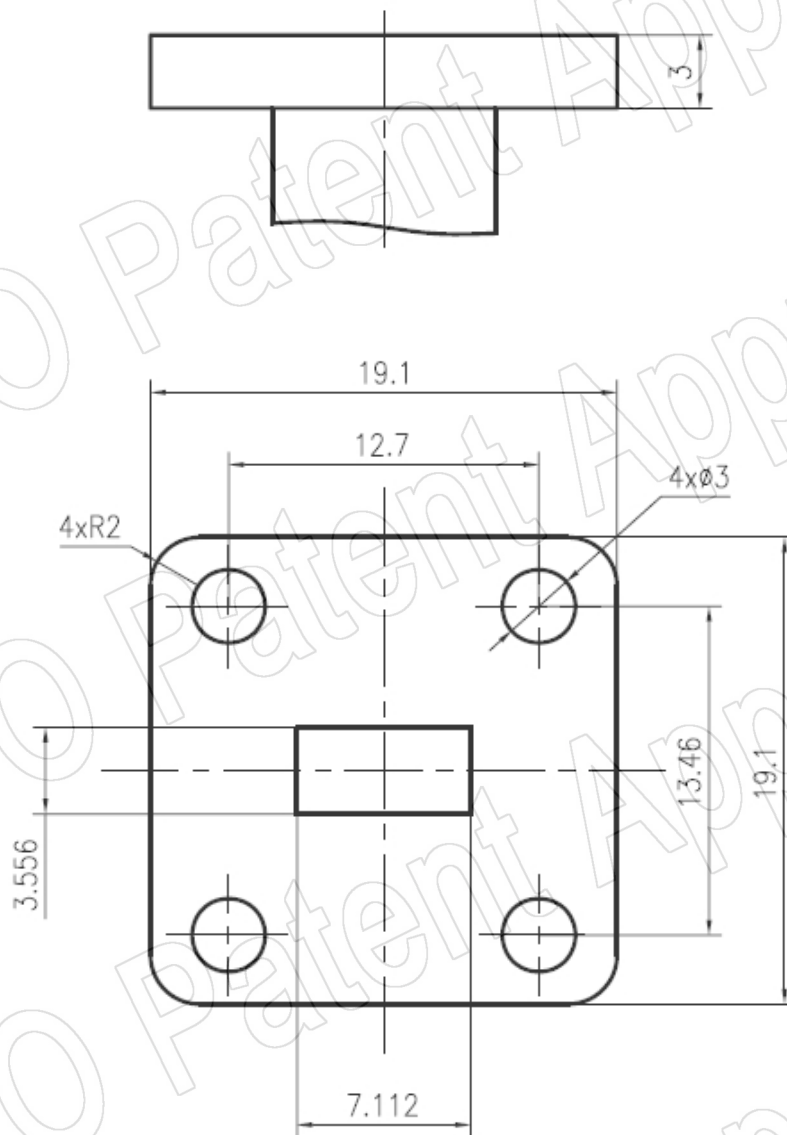
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.4mm-Female Output (P/N: LB-CNH-28-20-T62-C-2.4F)

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



Flange Drawing (Size: mm)



FBP320

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

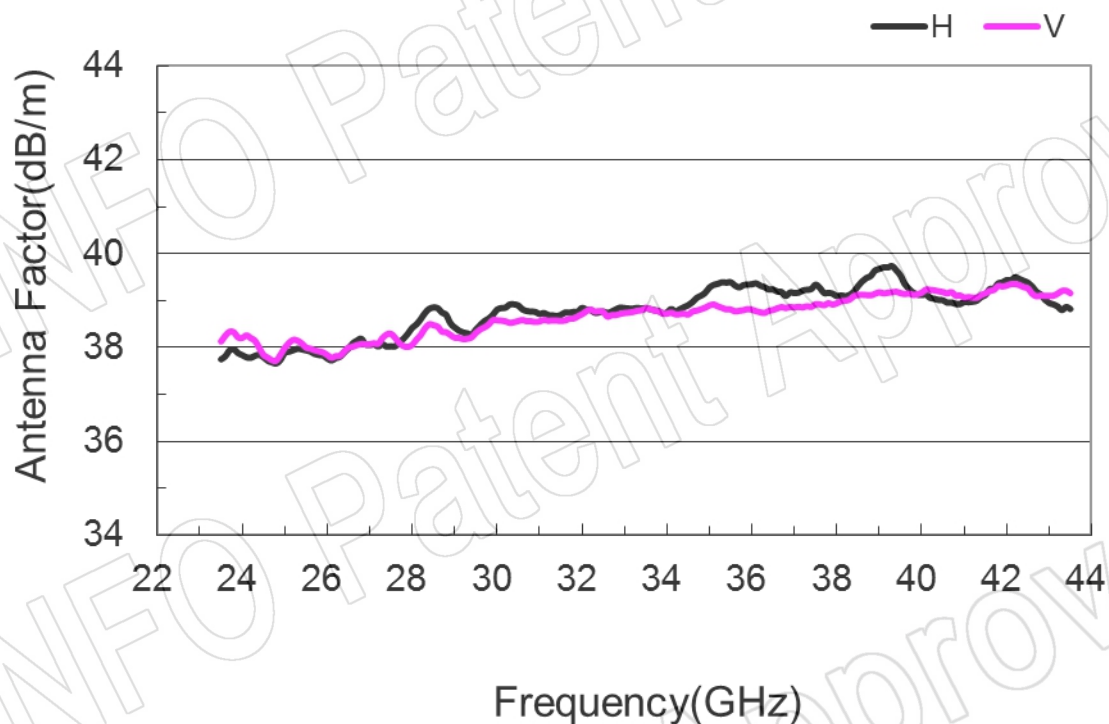
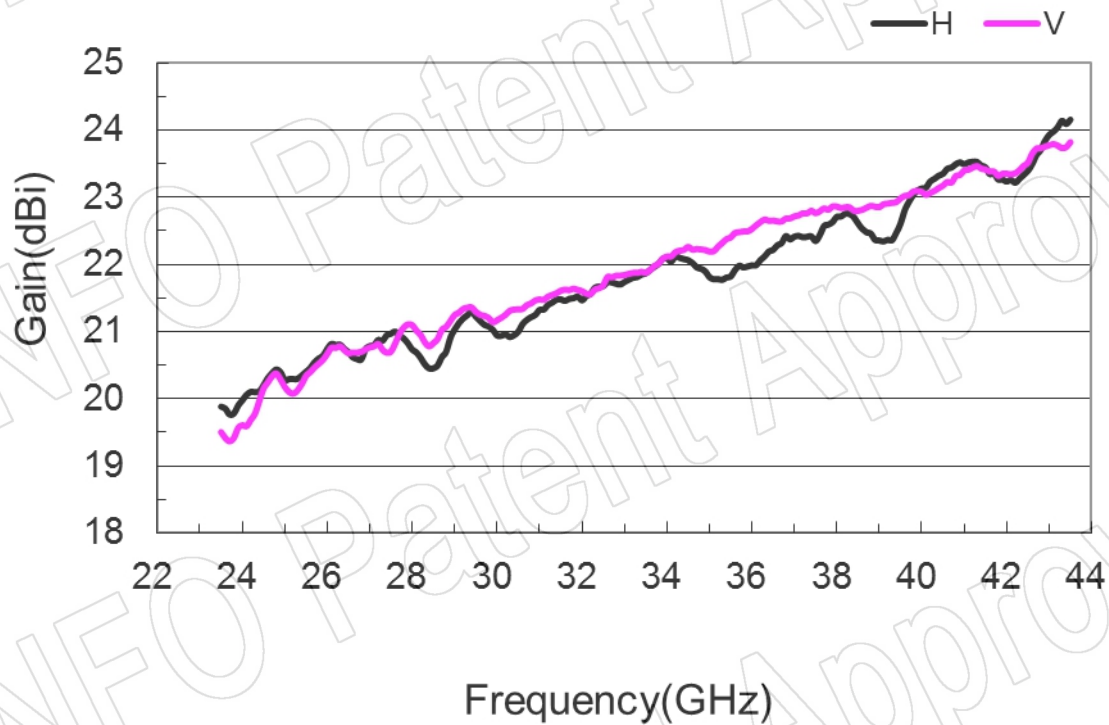
Page 3 of 14

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

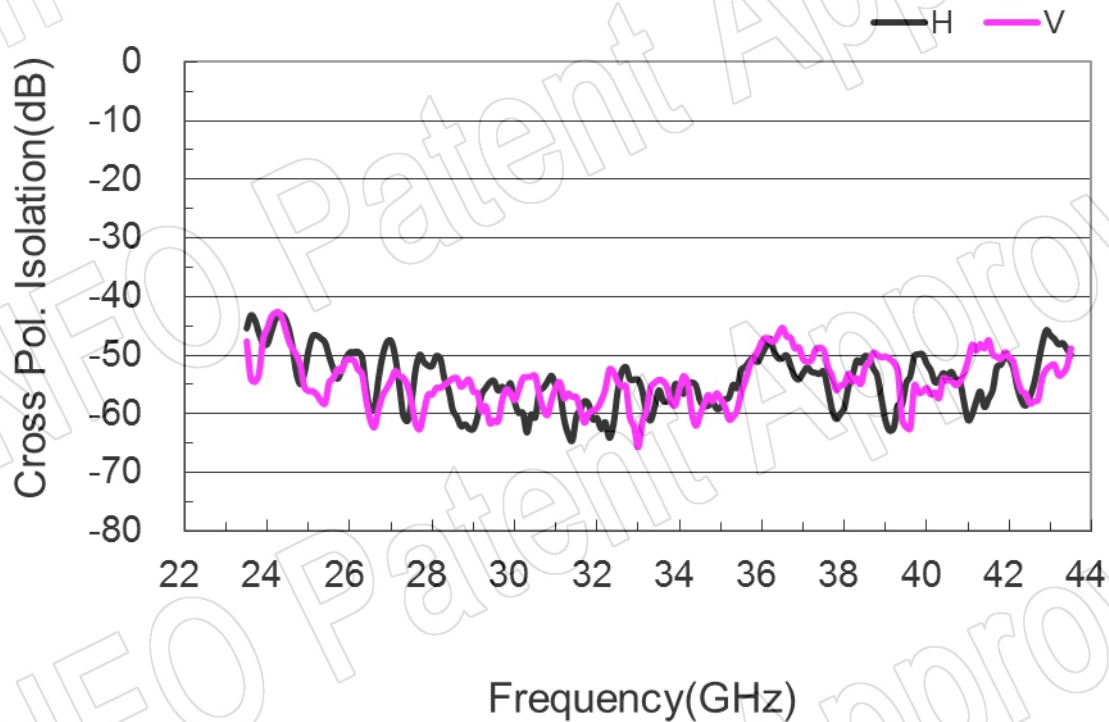
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

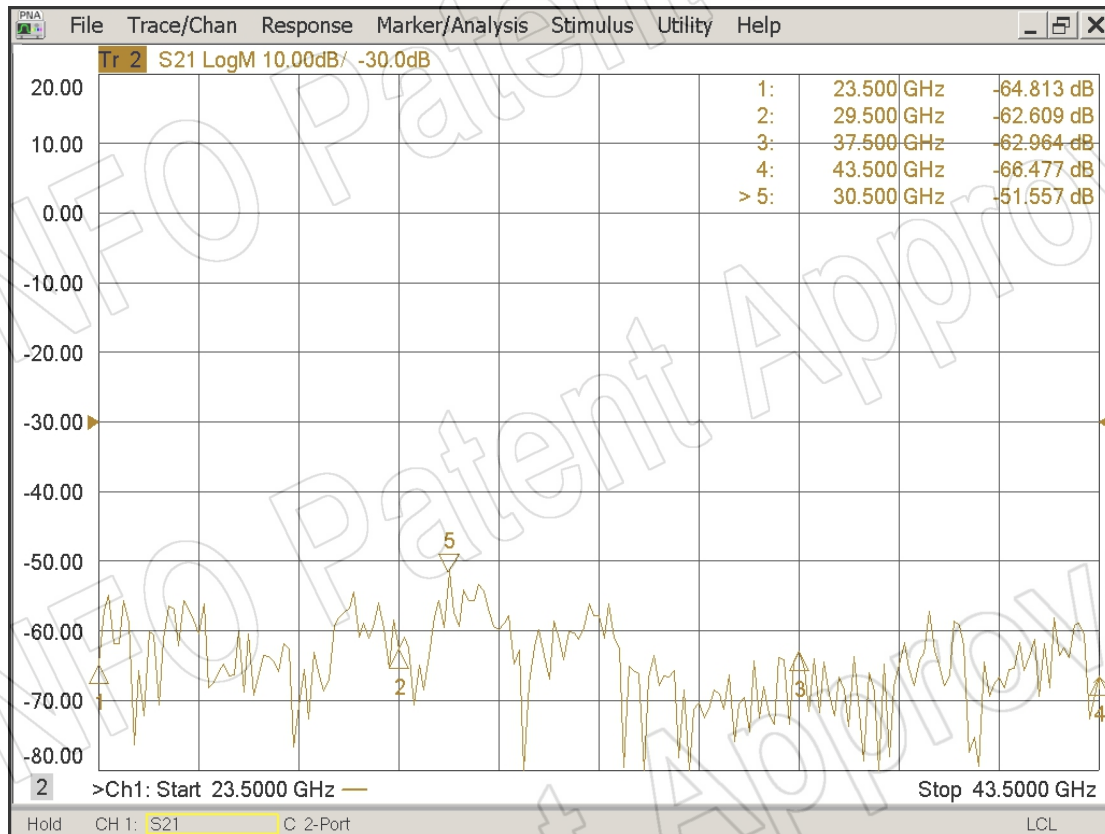
1. Gain & Antenna Factor



2. Cross Polarization Isolation

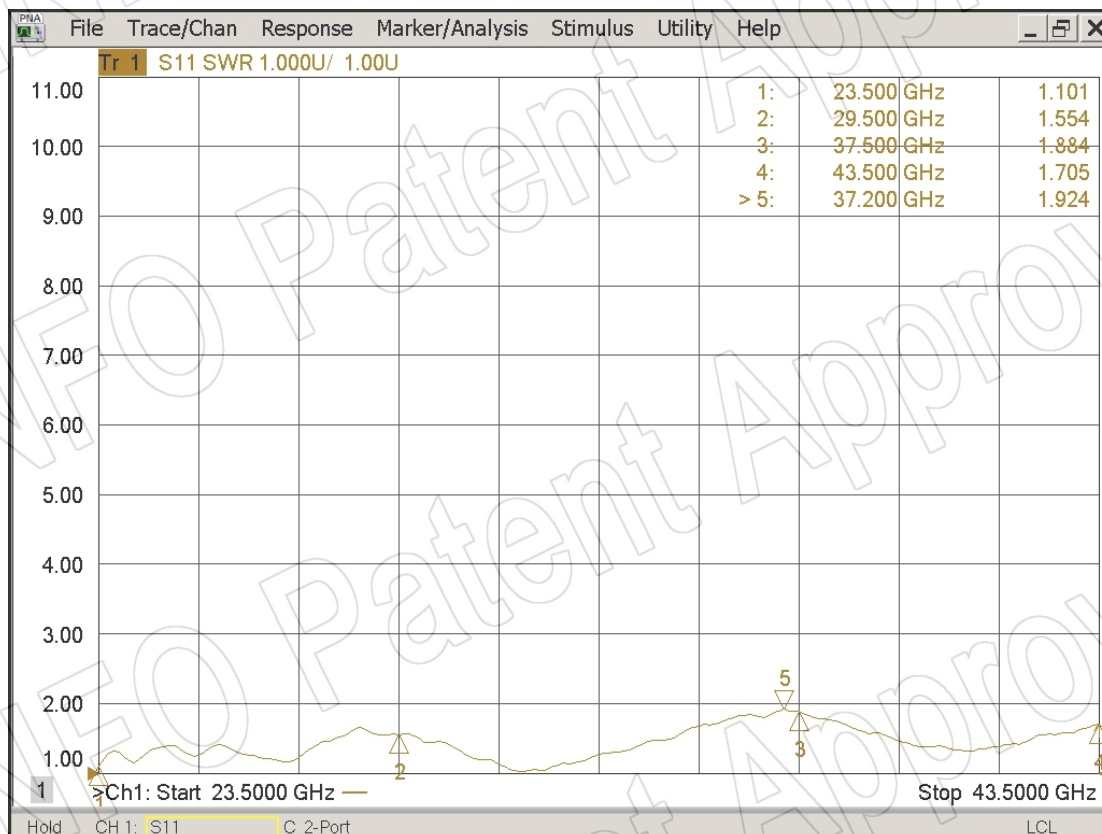


3. Port to Port Isolation

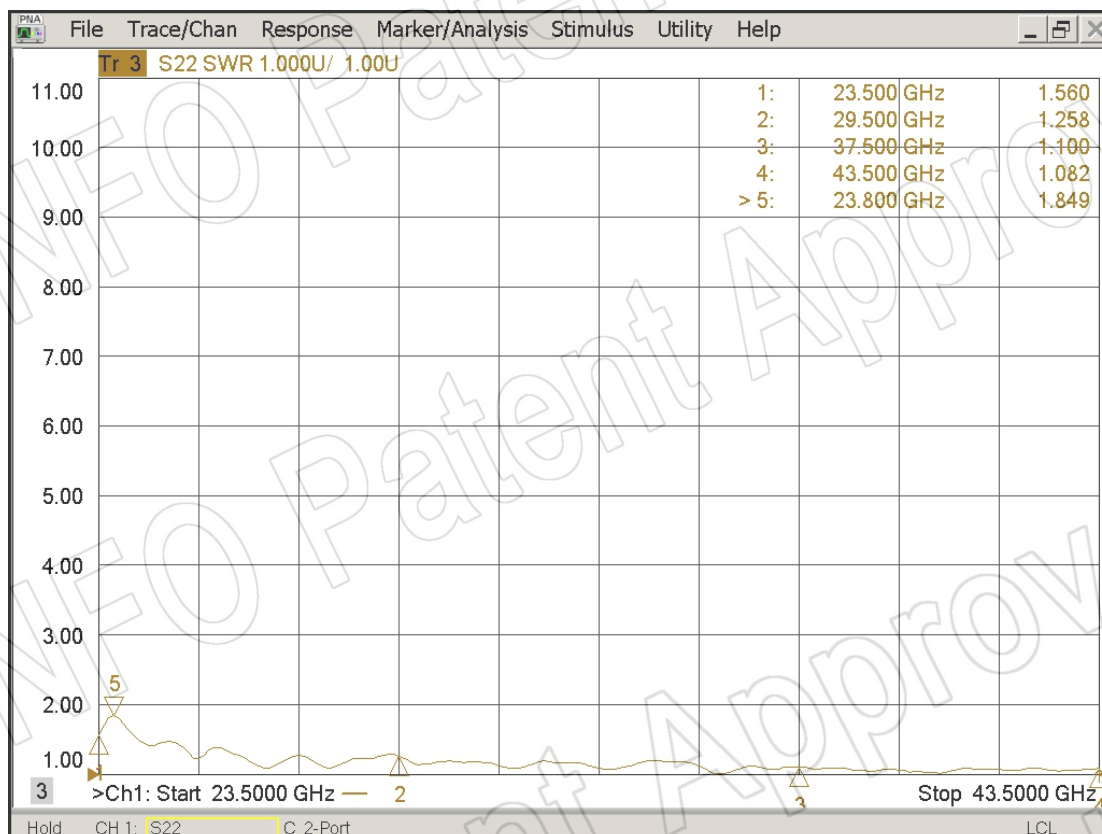


4. VSWR_A Type

Port-H



Port-V



AINFO Inc.

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

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

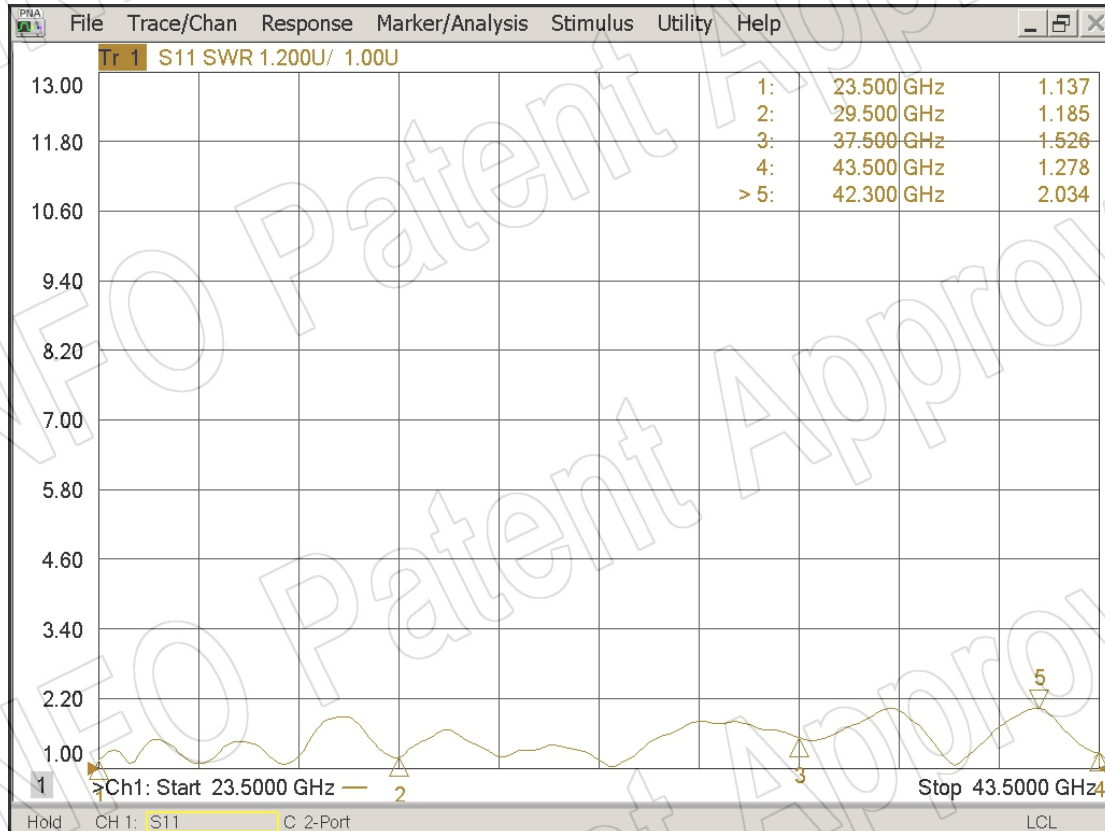
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

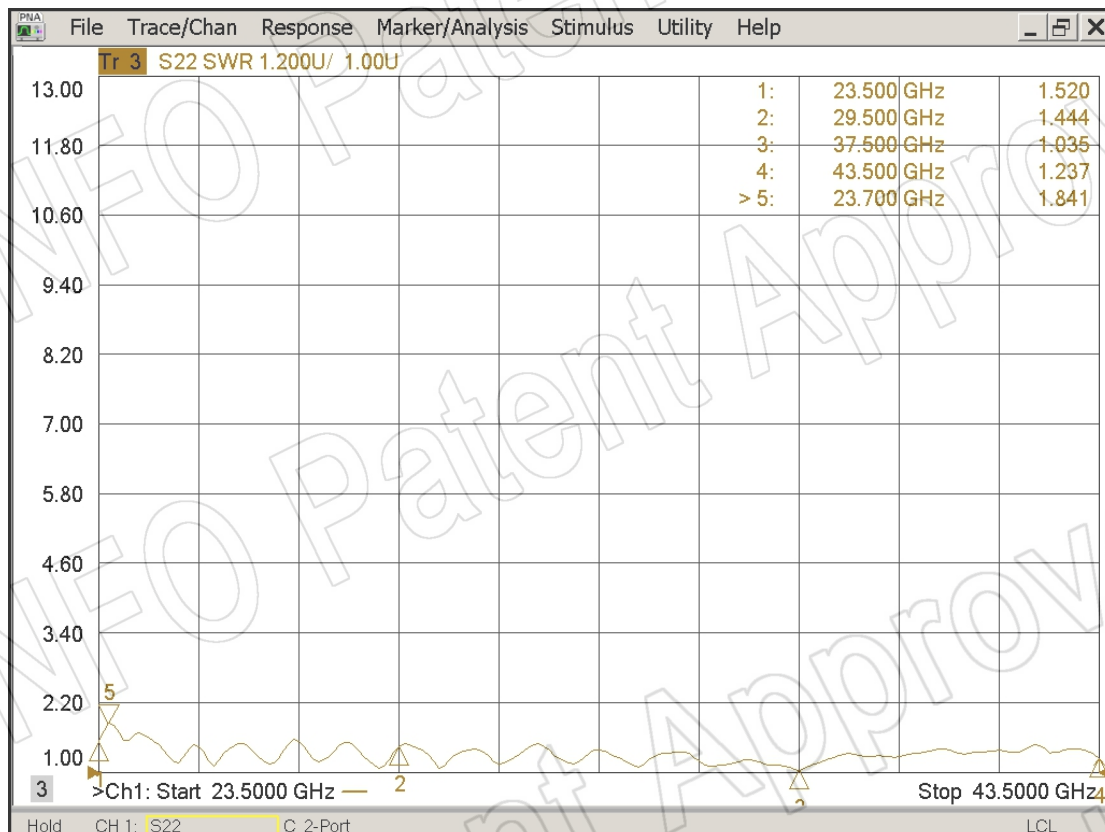
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

VSWR_C Type

Port-H



Port-V



AINFO Inc.

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

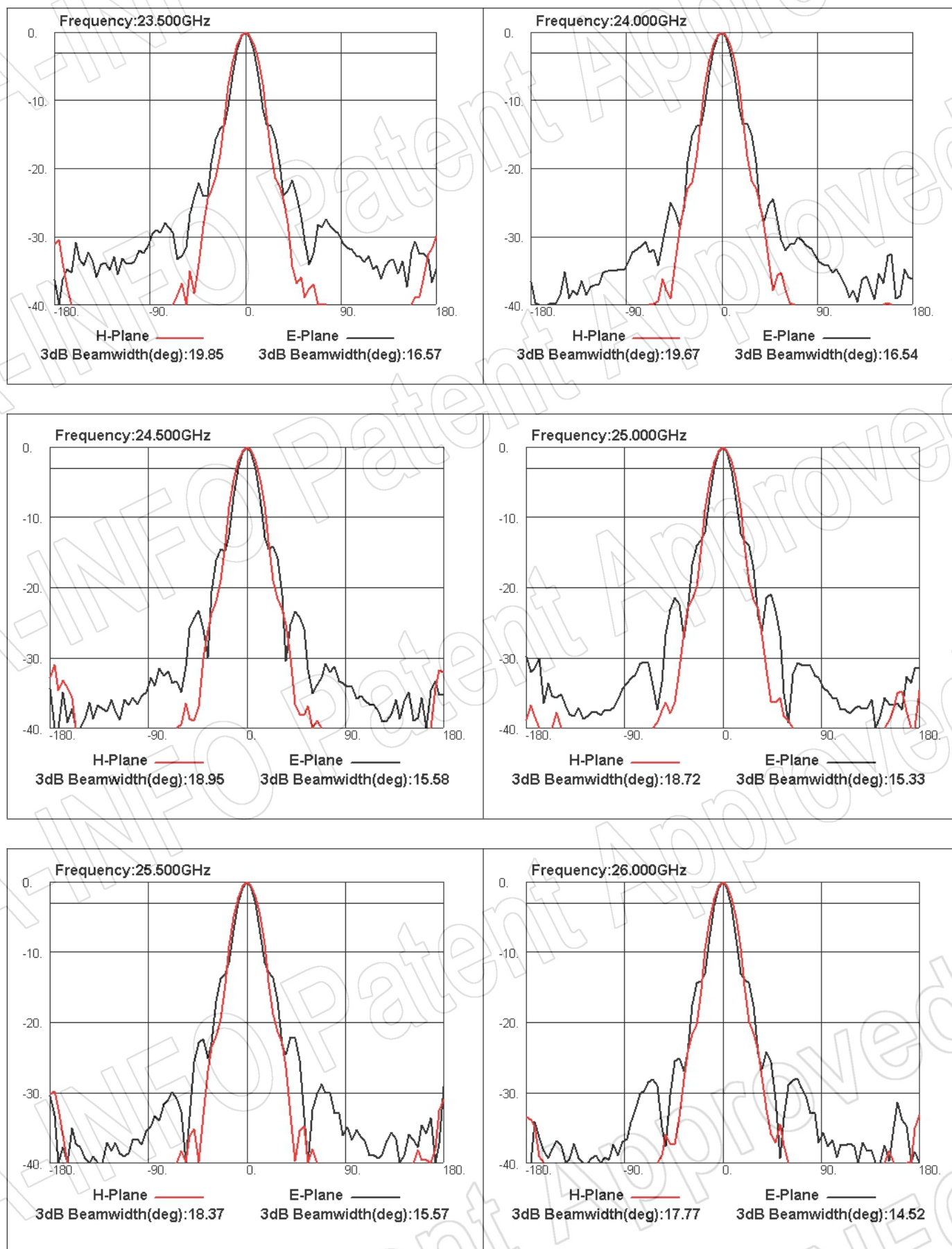
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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

5. Pattern



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

