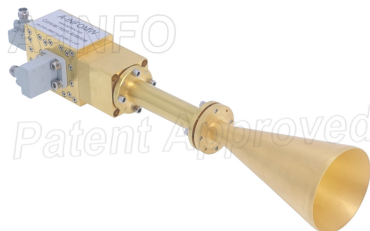


For reference only. See data sheet for the detailed specifications.

Technical Specification



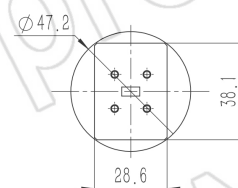
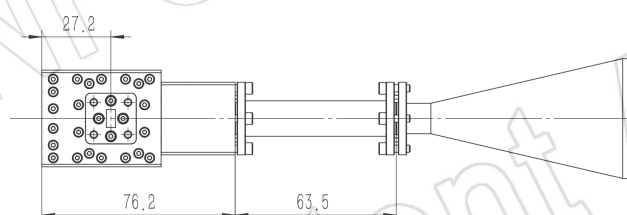
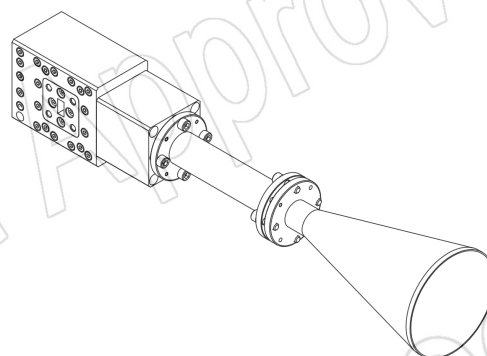
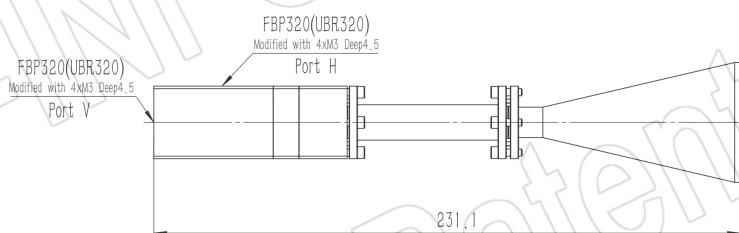
Frequency Range(GHz)	23.5 - 43.5
Waveguide	WR28
Gain(dBic)	20 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	2.5 Typ. ; 4.0 Max.
3dB Beamwidth(deg)	E Plane: 13 Typ.
	H Plane: 13 Typ.
Port to Port Isolation(dB)	30 Typ. ; 20 Min.
VSWR	A Type: 2.20:1 Max.
	C Type: 2.40:1 Max.
Output	A Type: FBP320(UBR320) (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 231.1
	C Type: 60.8 x 47.2 x 254
Net Weight(Kg)	A Type: 0.32 Around
	C Type: 0.38 Around

PATENT ID (US)

US D963575

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-20-D62-A)



AINFO Inc.

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

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

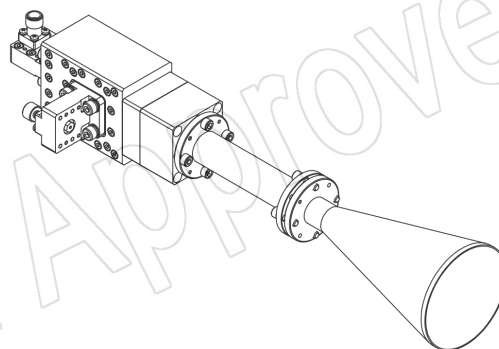
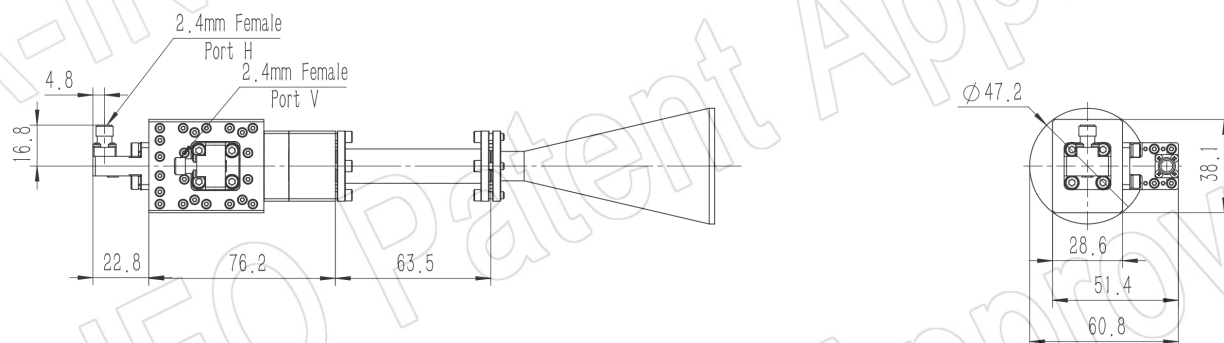
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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-D62-C-2.4F)

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



AINFO Inc.

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

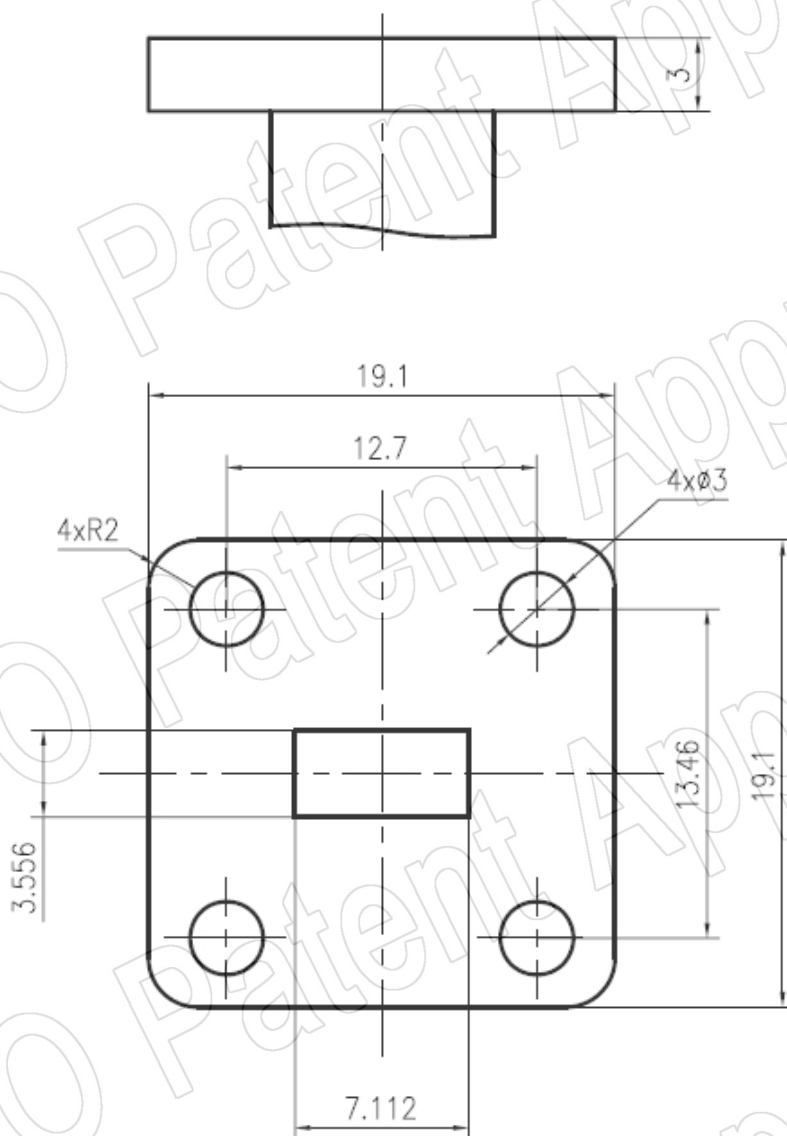
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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

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,

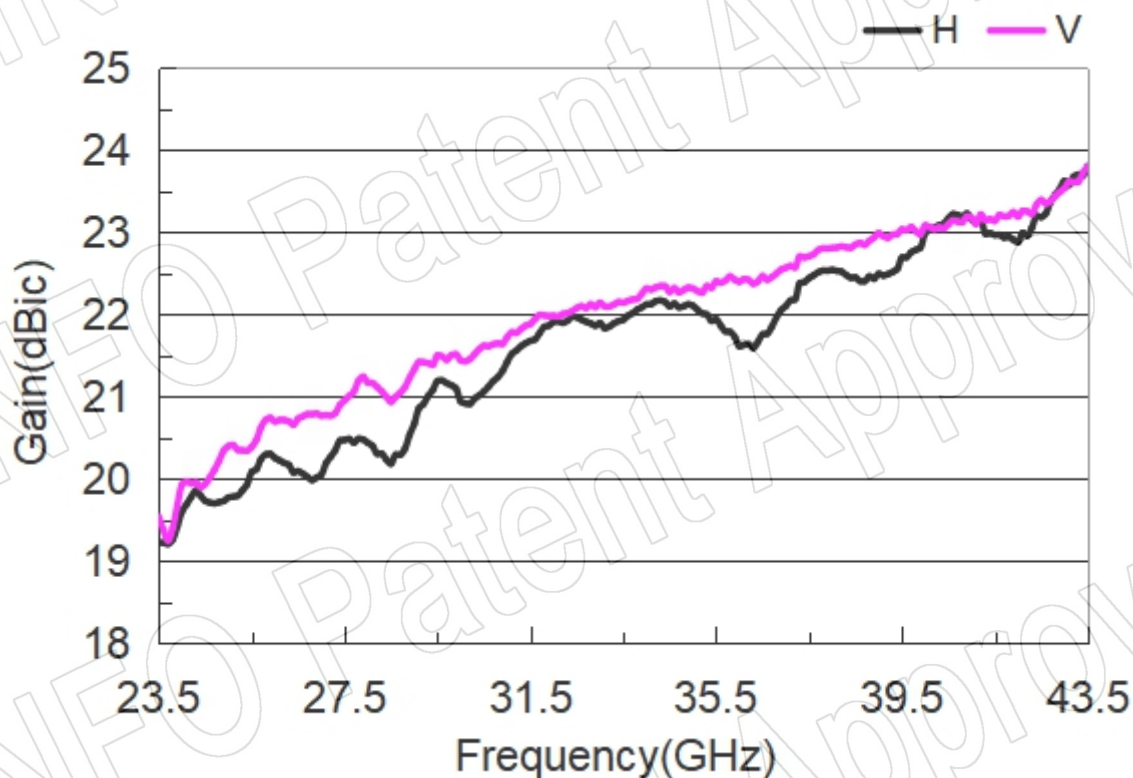
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

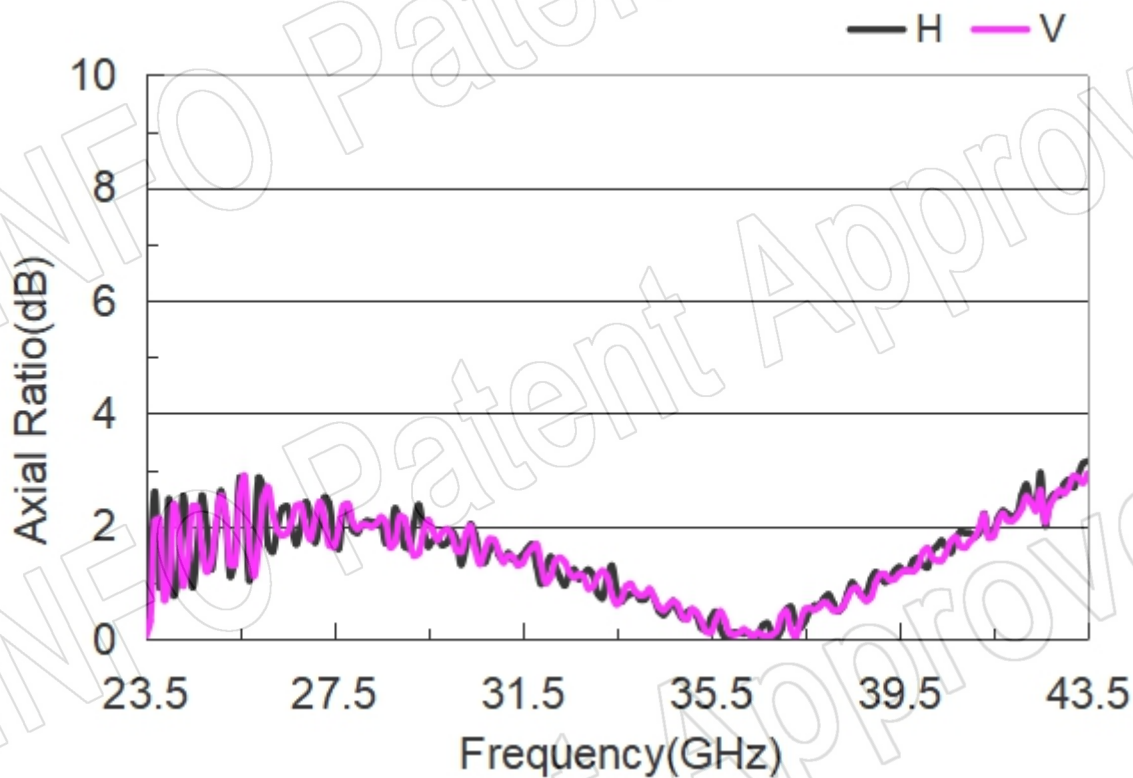
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

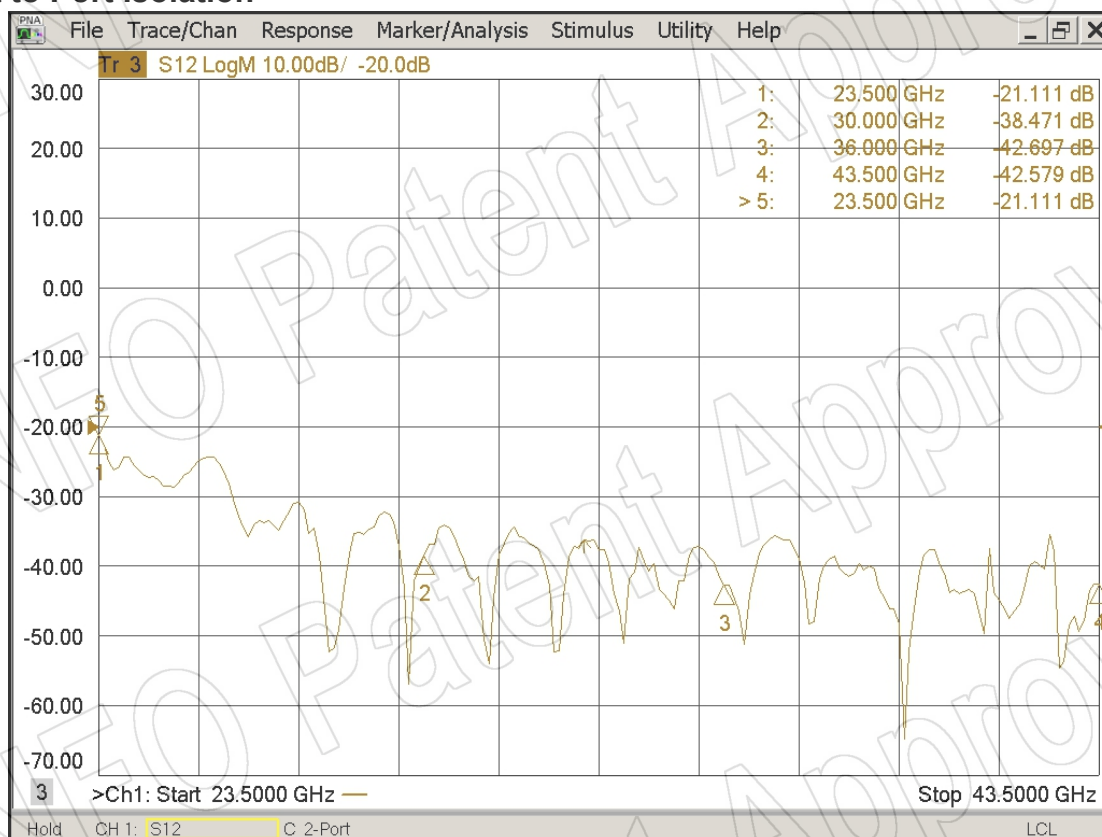
1. Gain



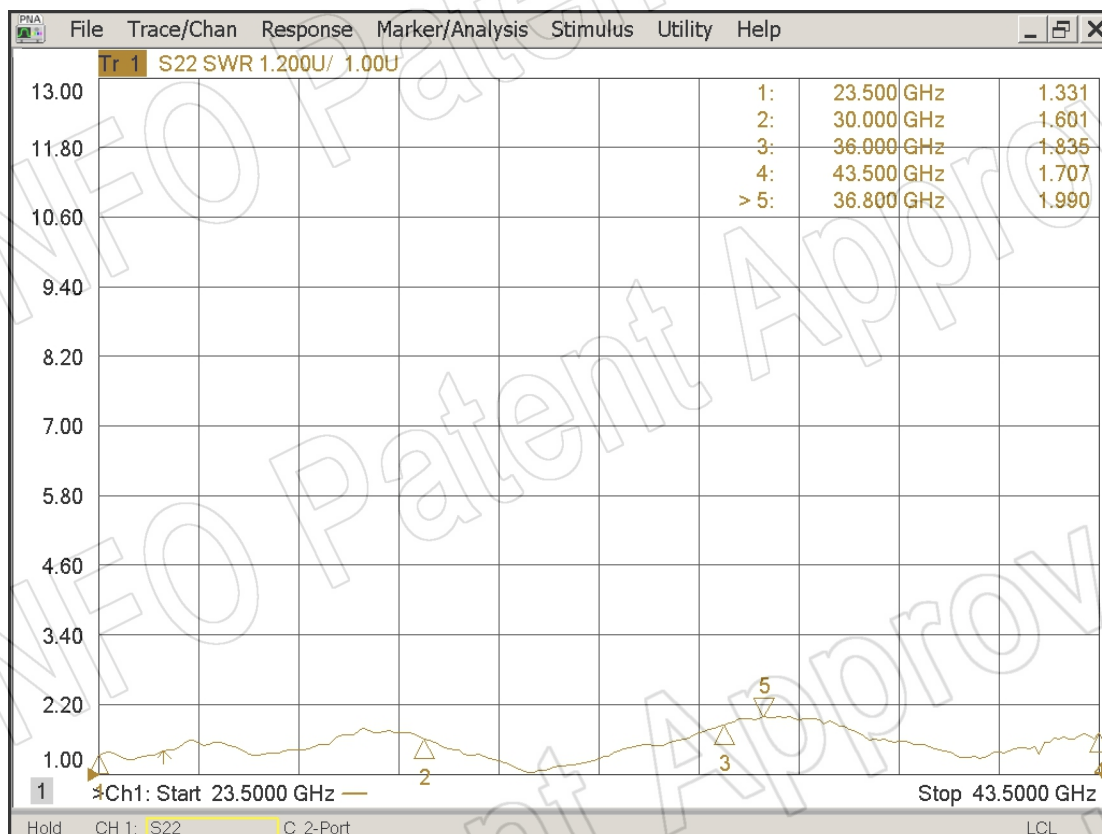
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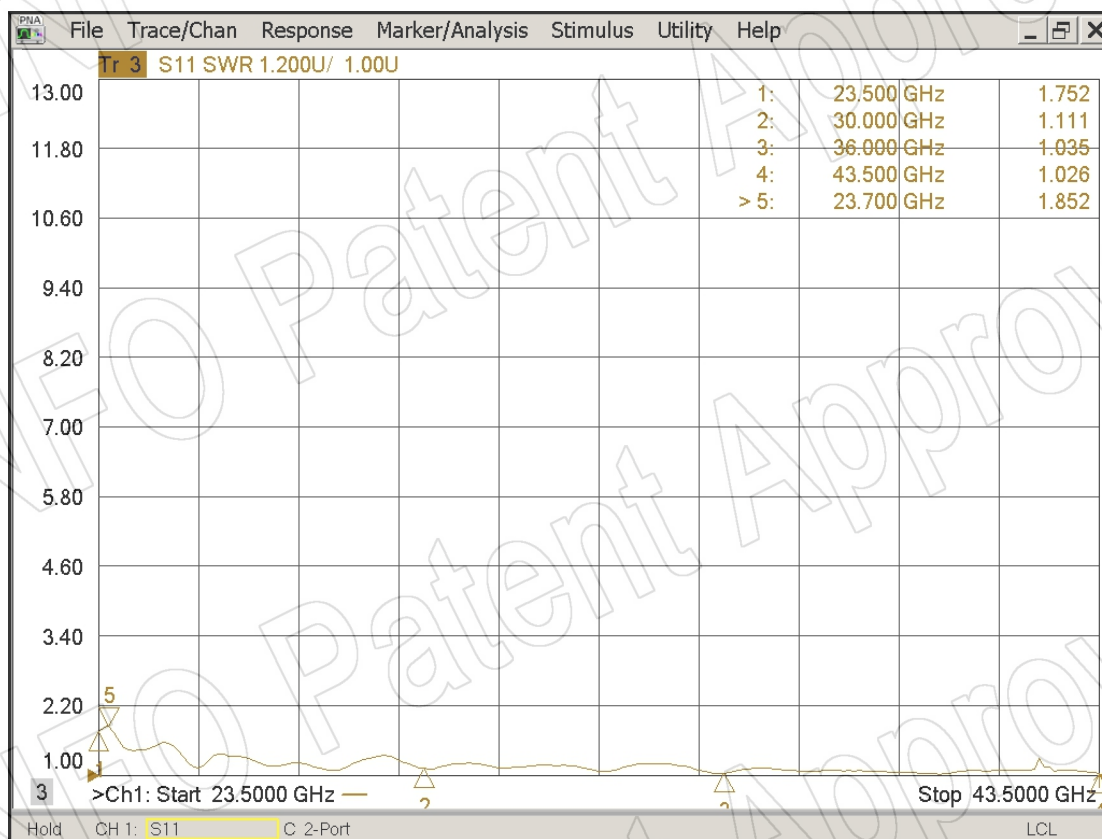
3. Port to Port Isolation



4. VSWR_A Type Port-H

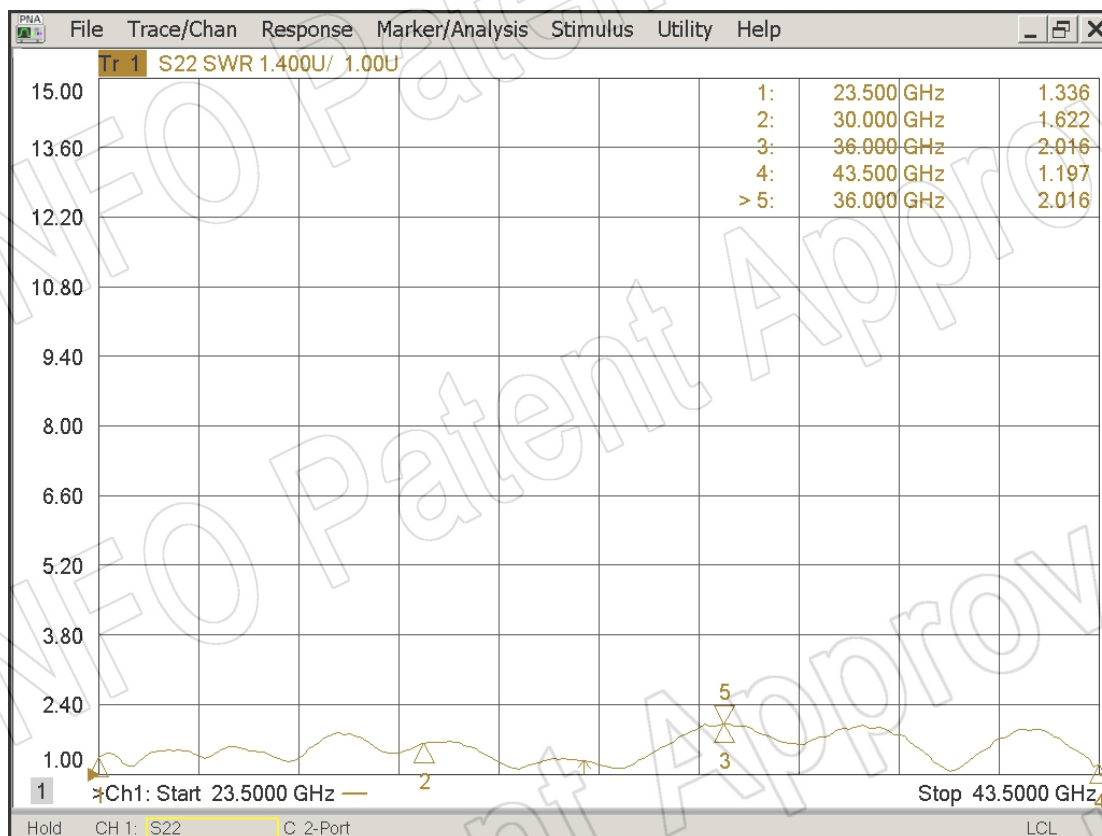


Port-V



VSWR_C Type

Port-H



AINFO Inc.

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

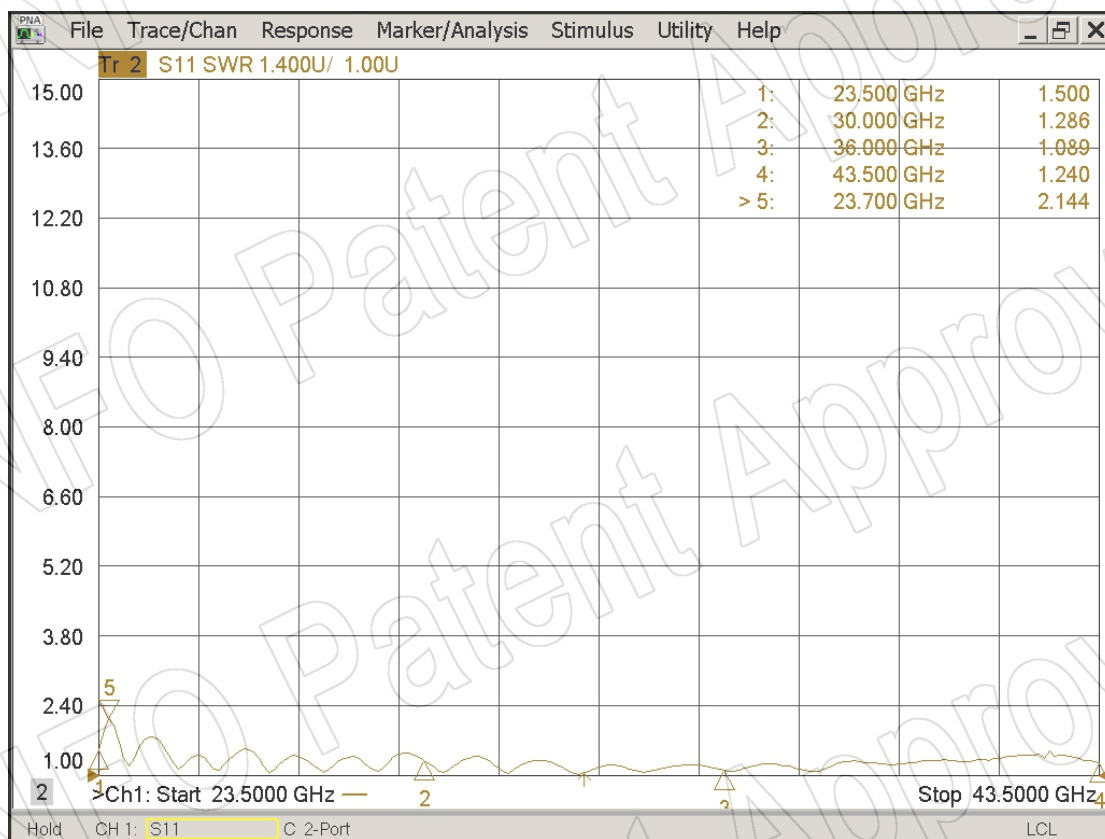
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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

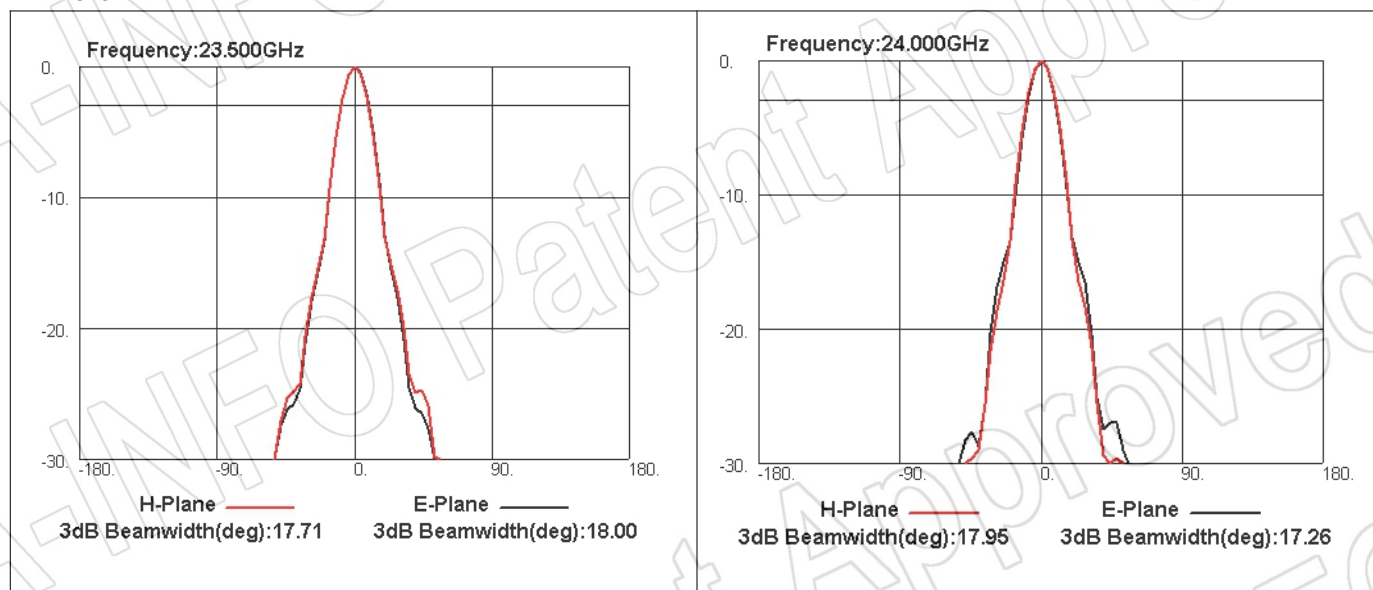
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

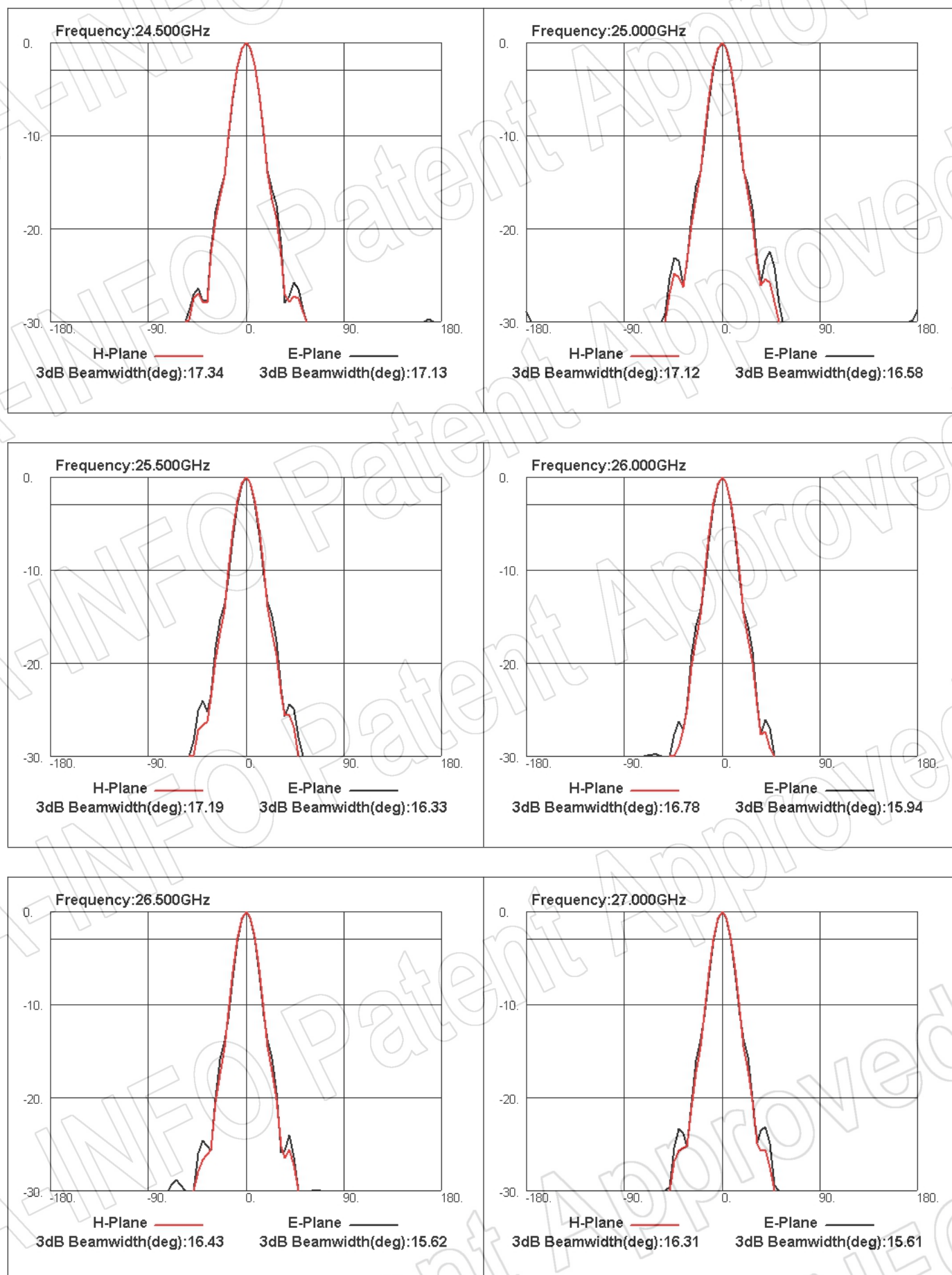
Port-V

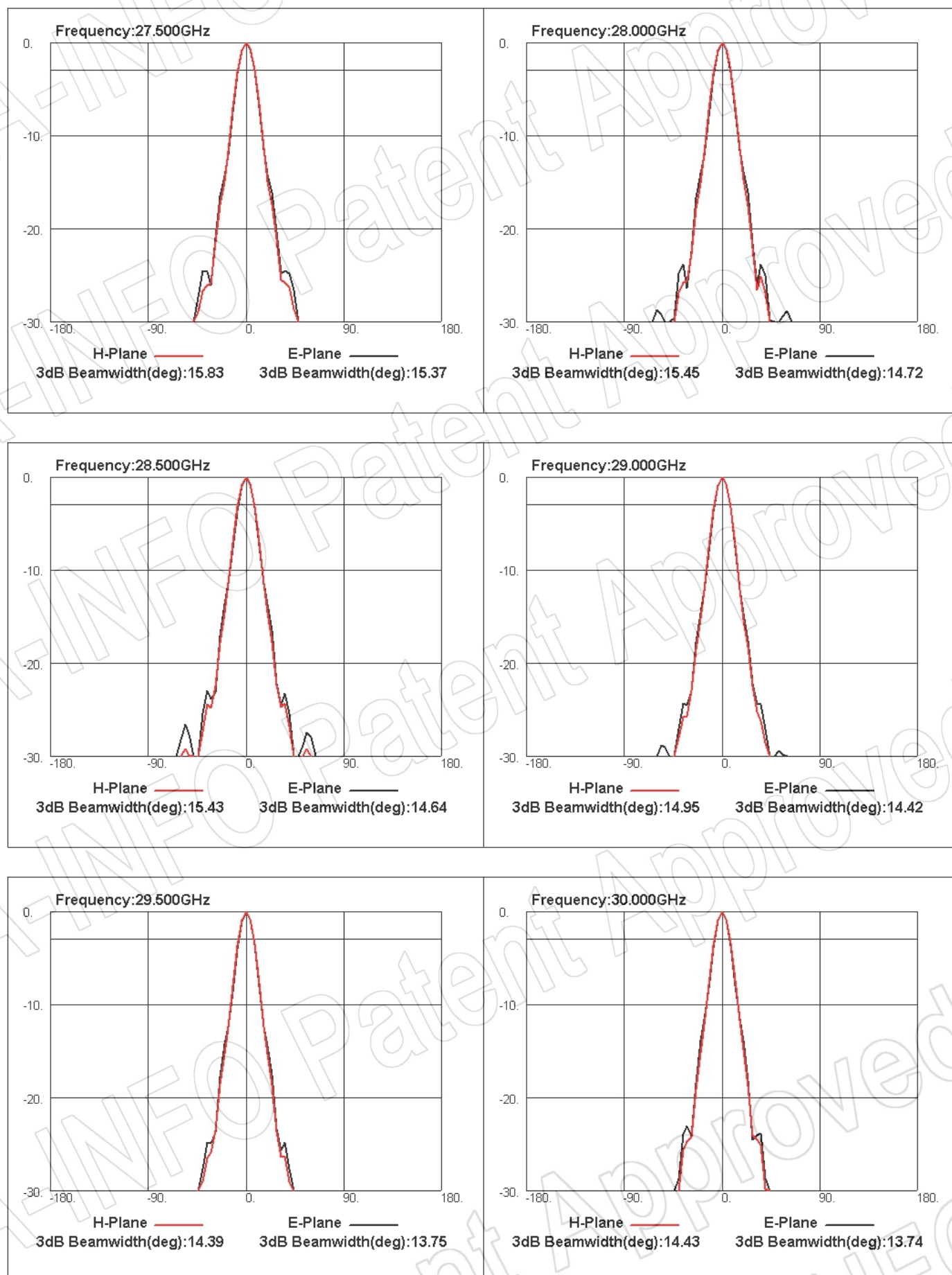


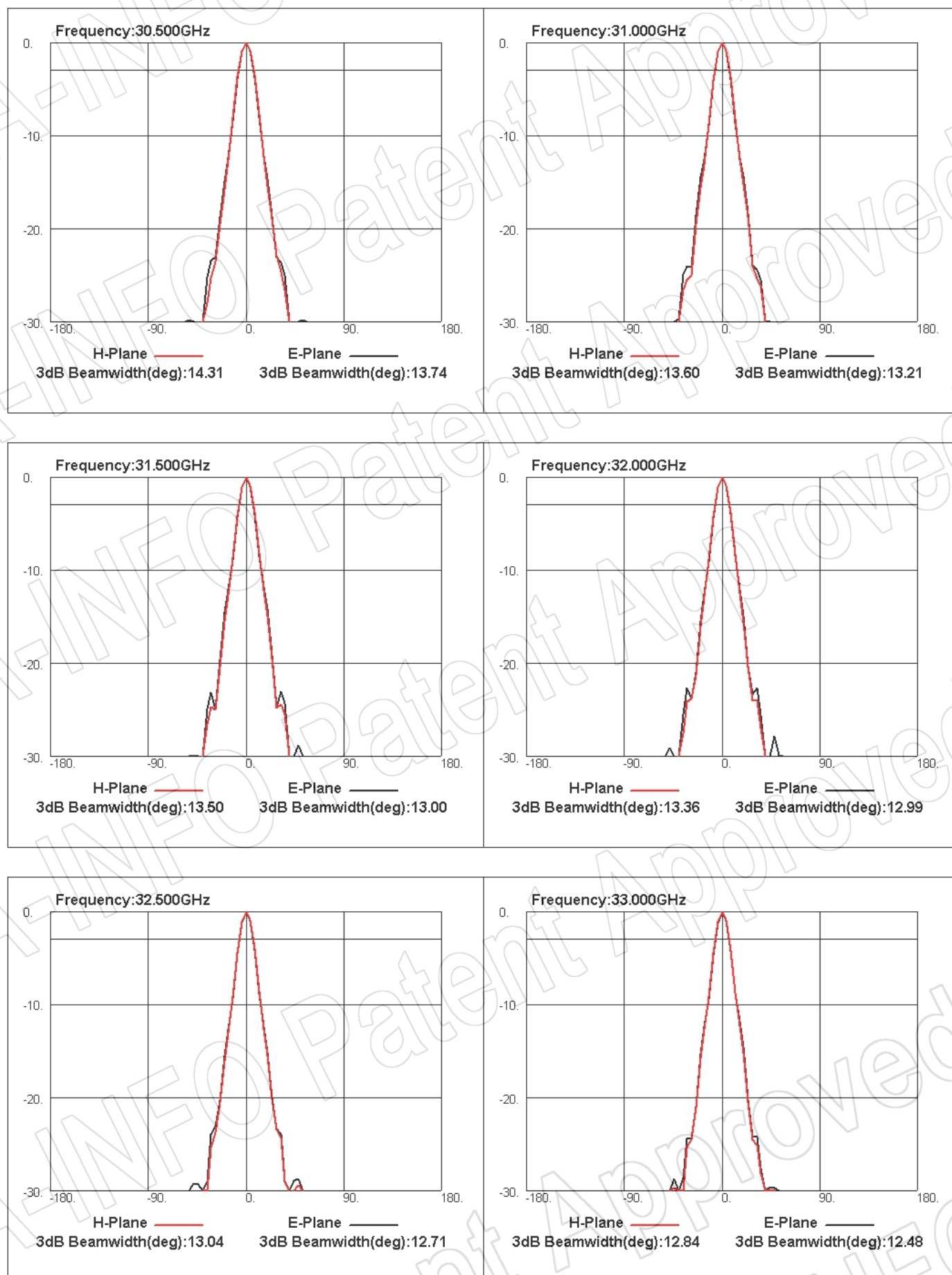
5. Pattern

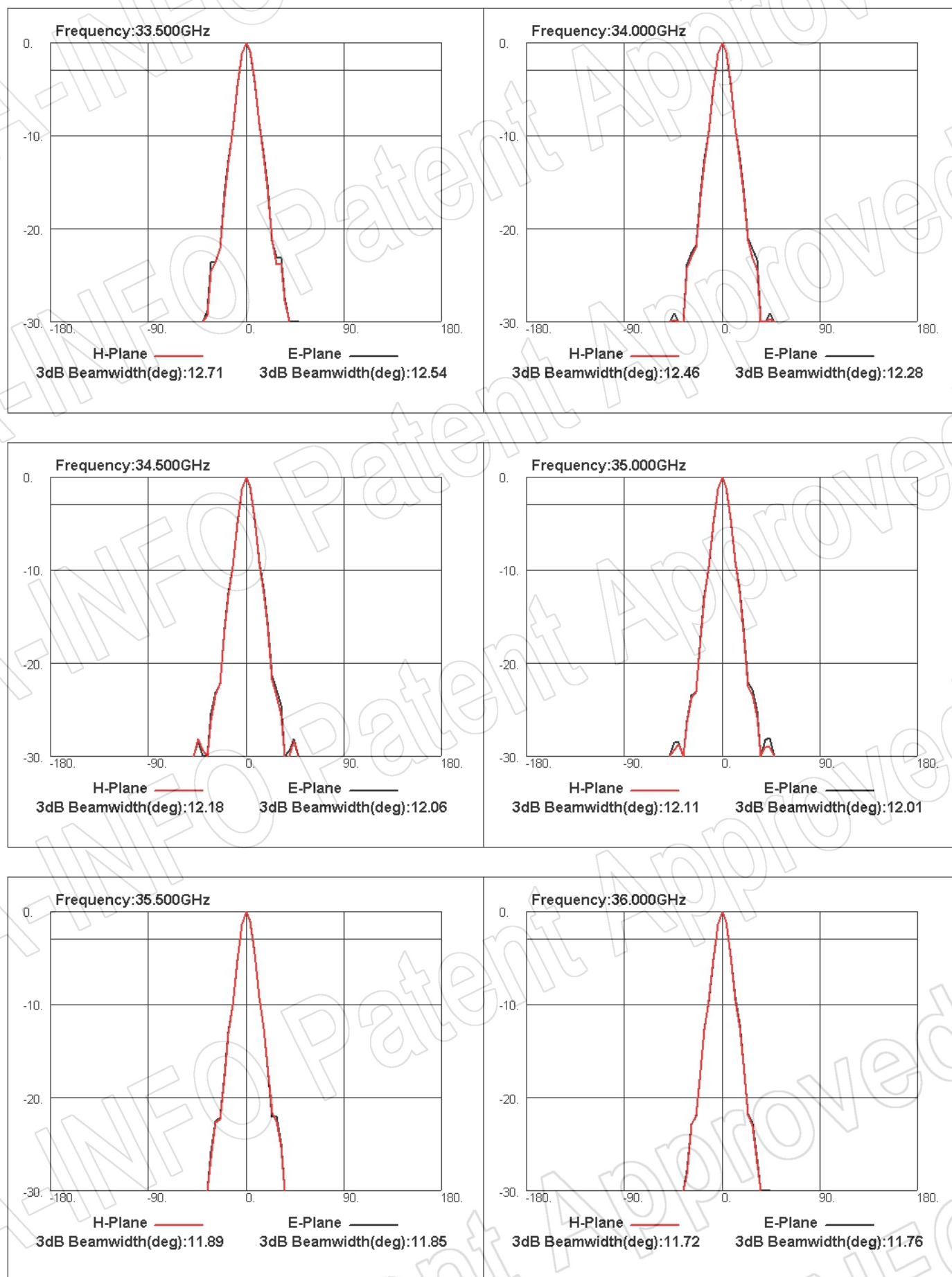
Port-H

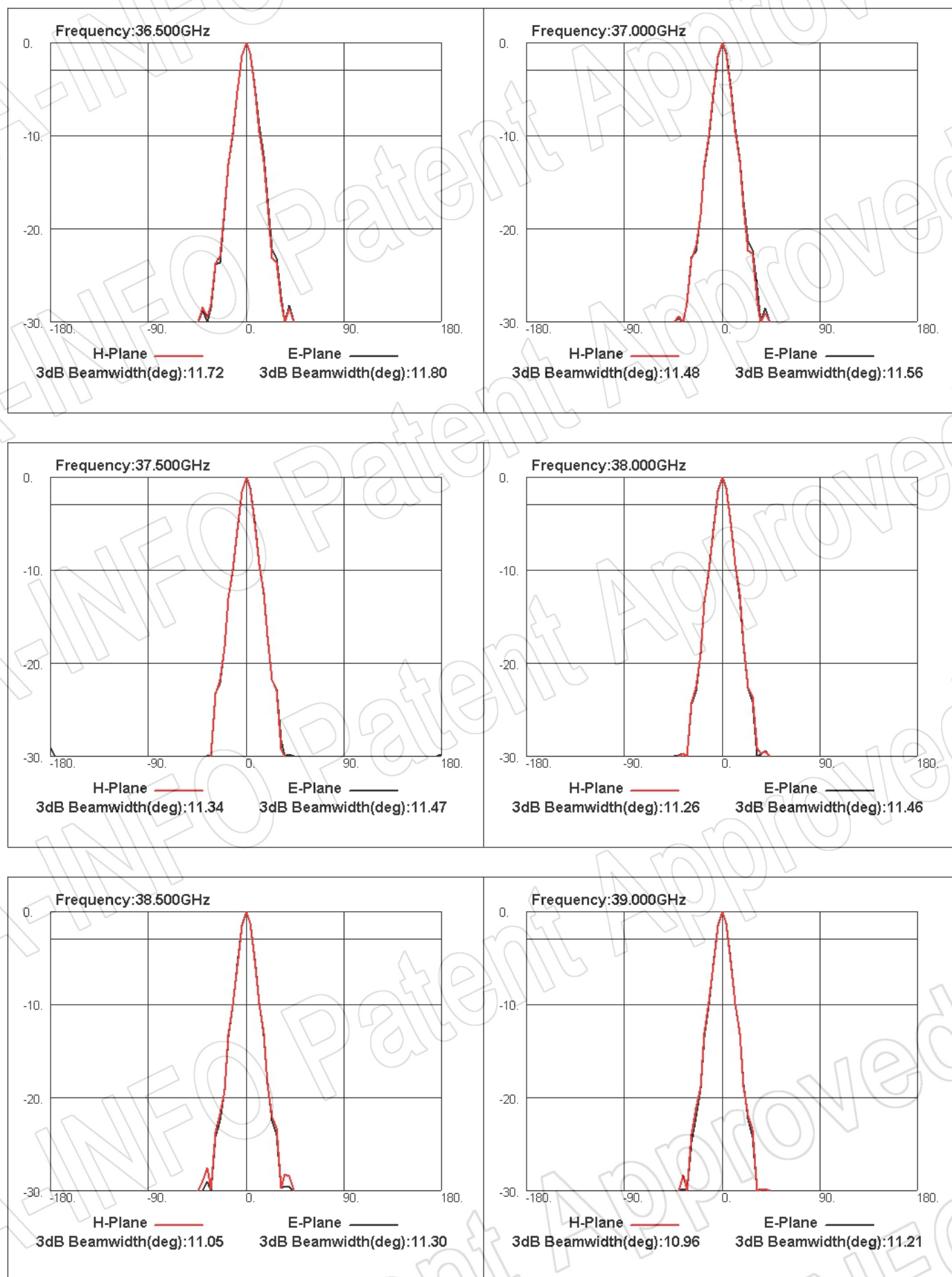


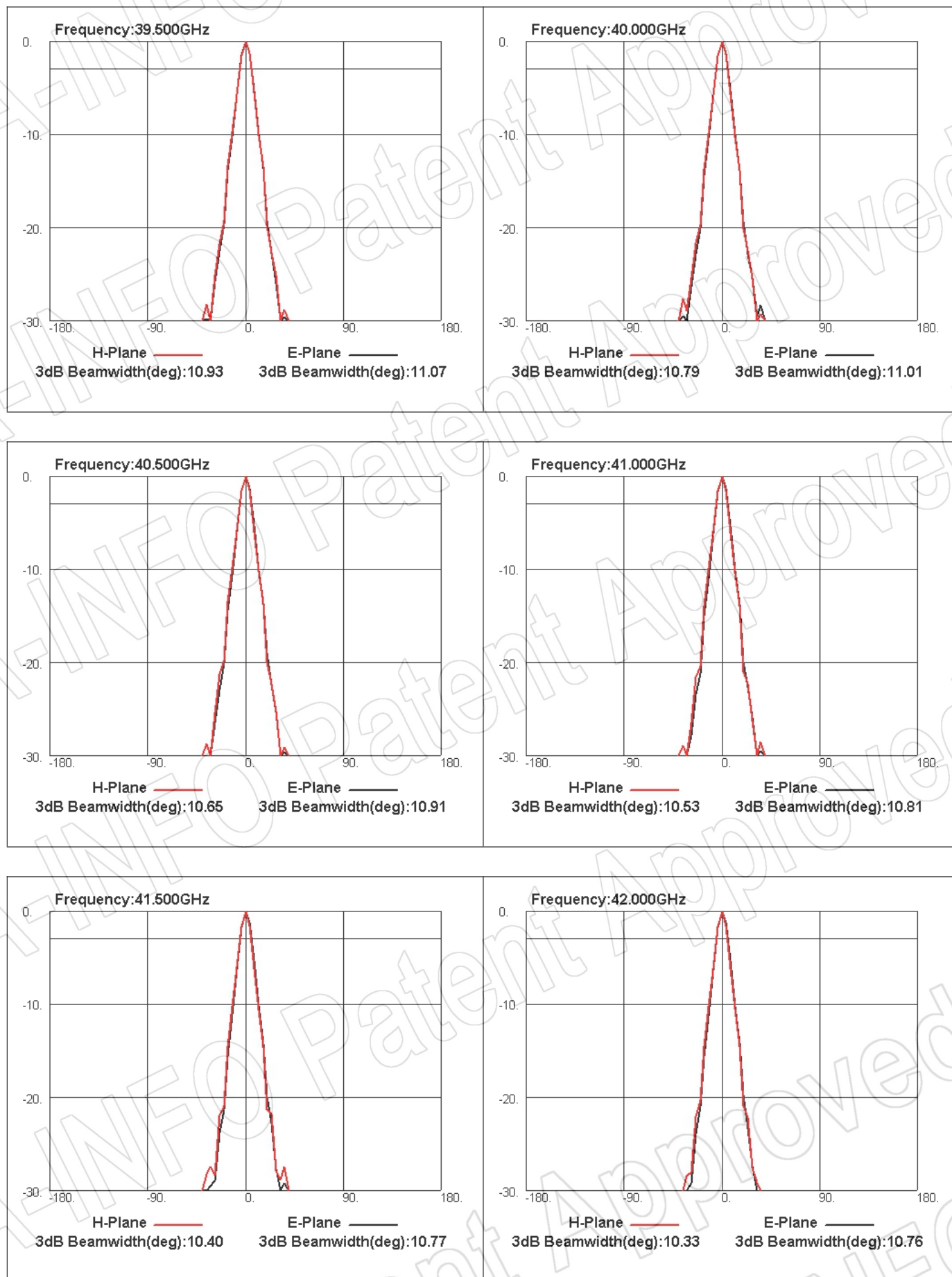


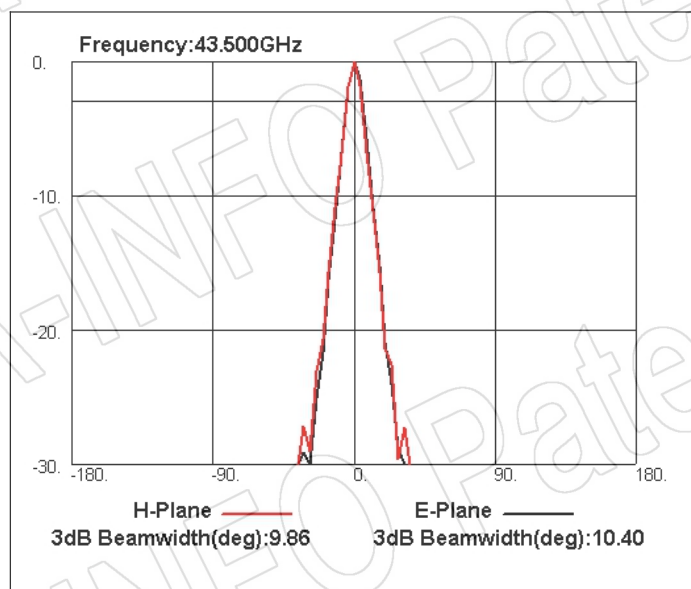
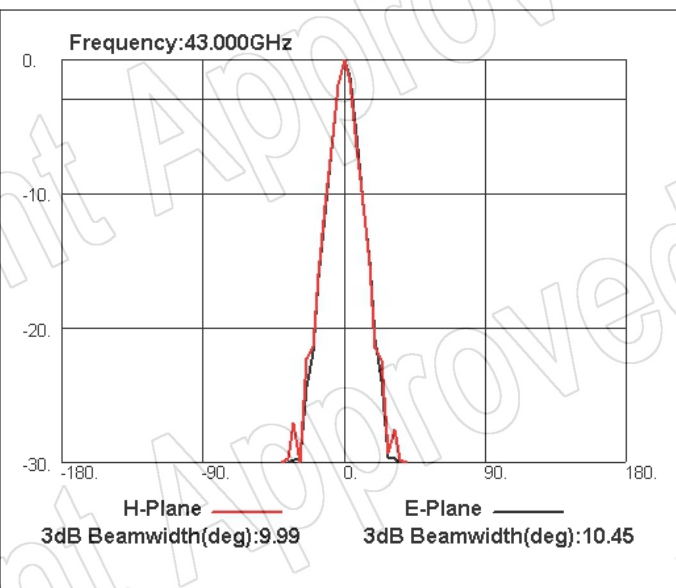
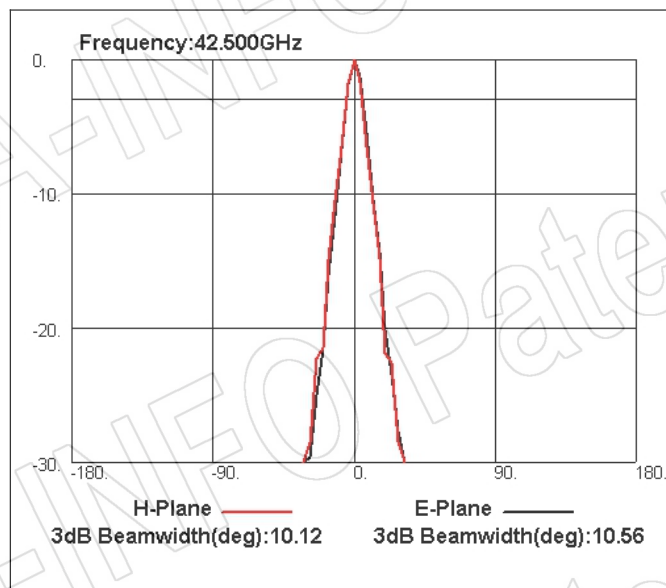












Port-V

