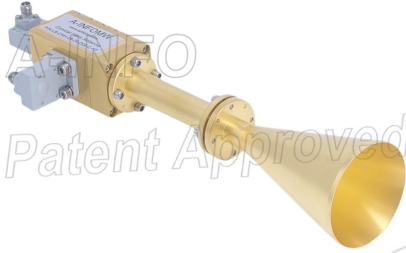


For reference only. See data sheet for the detailed specifications.

Technical Specification



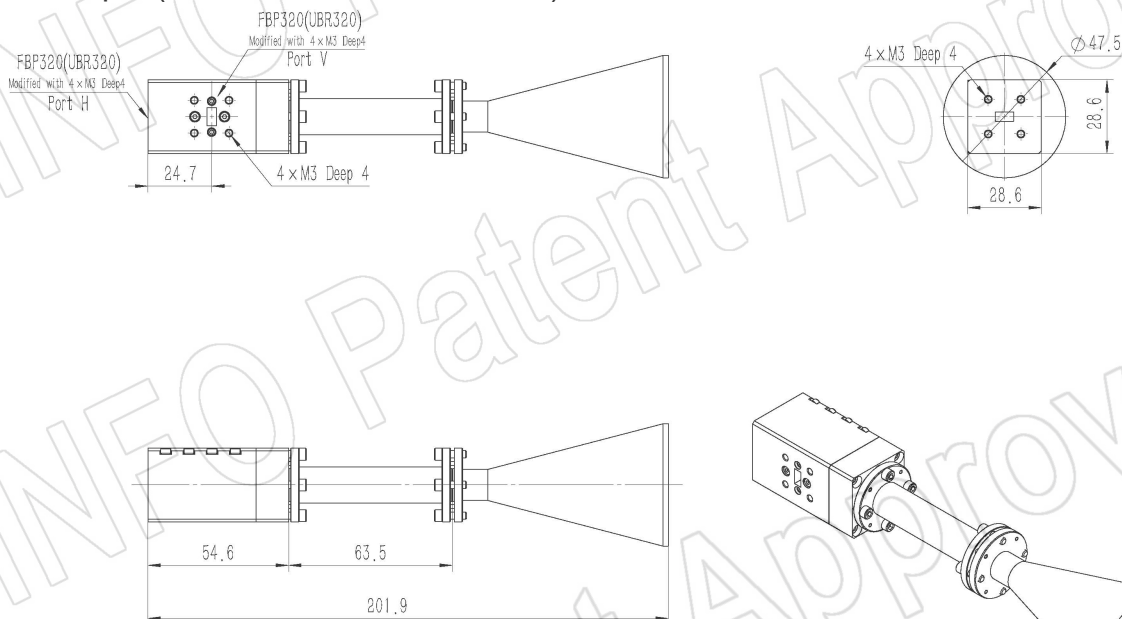
Frequency Range(GHz)	26.5 – 40.0
Waveguide	WR28
Gain(dBic)	20 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	2.0 Typ. ; 3.0 Max.
3dB Beamwidth(deg)	E Plane: 13 Typ.
	H Plane: 13 Typ.
Port to Port Isolation(dB)	30 Typ. ; 20 Min.
VSWR	A Type: 1.60:1 Max.
	C Type: 1.80:1 Max.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 D4)
	C Type: 2.92mm-Female or 2.4mm-Female
Material	Al
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 47.5 x 47.5 x 201.9
	C Type: 62.1 x 47.5 x 225.9
Net Weight(Kg)	A Type: 0.44 Around
	C Type: 0.52 Around

PATENT ID (China)

ZL202221065441.6

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-20-D02-A)



AINFO Inc.

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

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

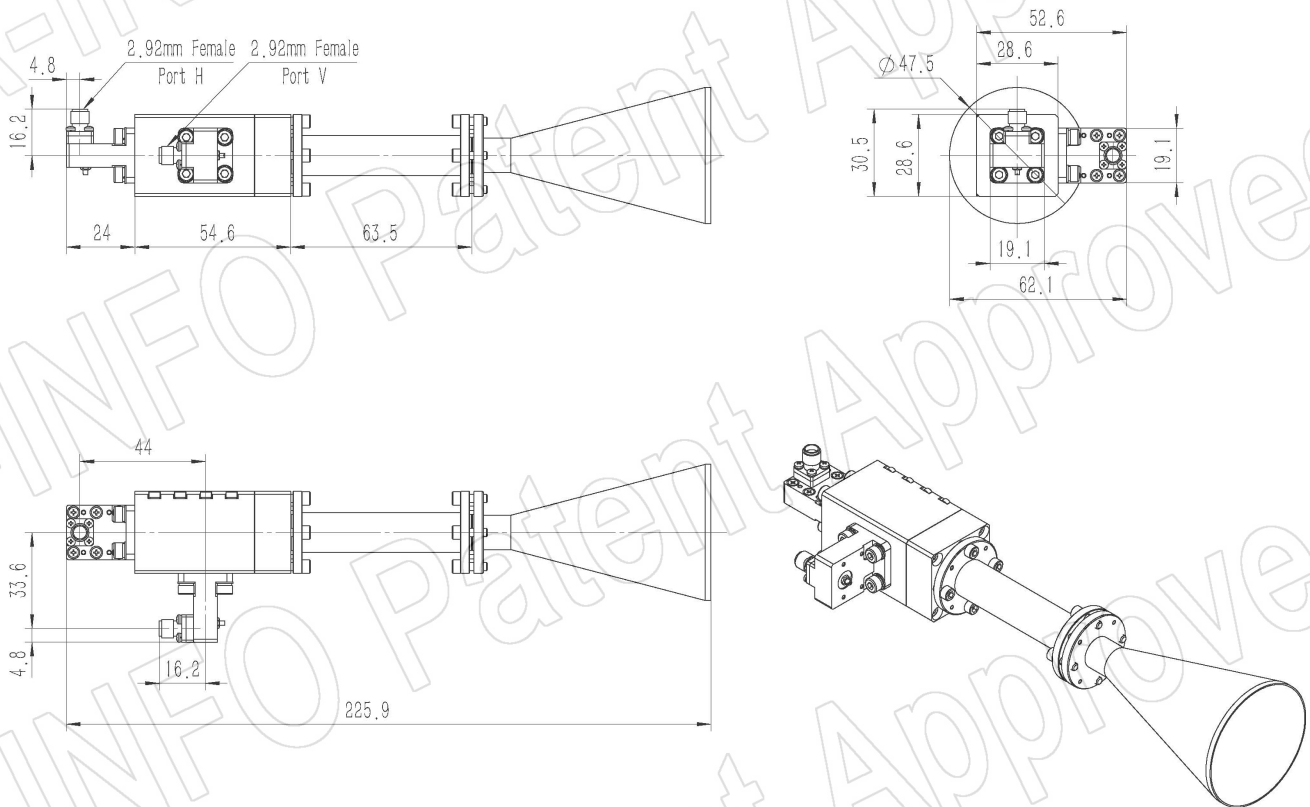
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

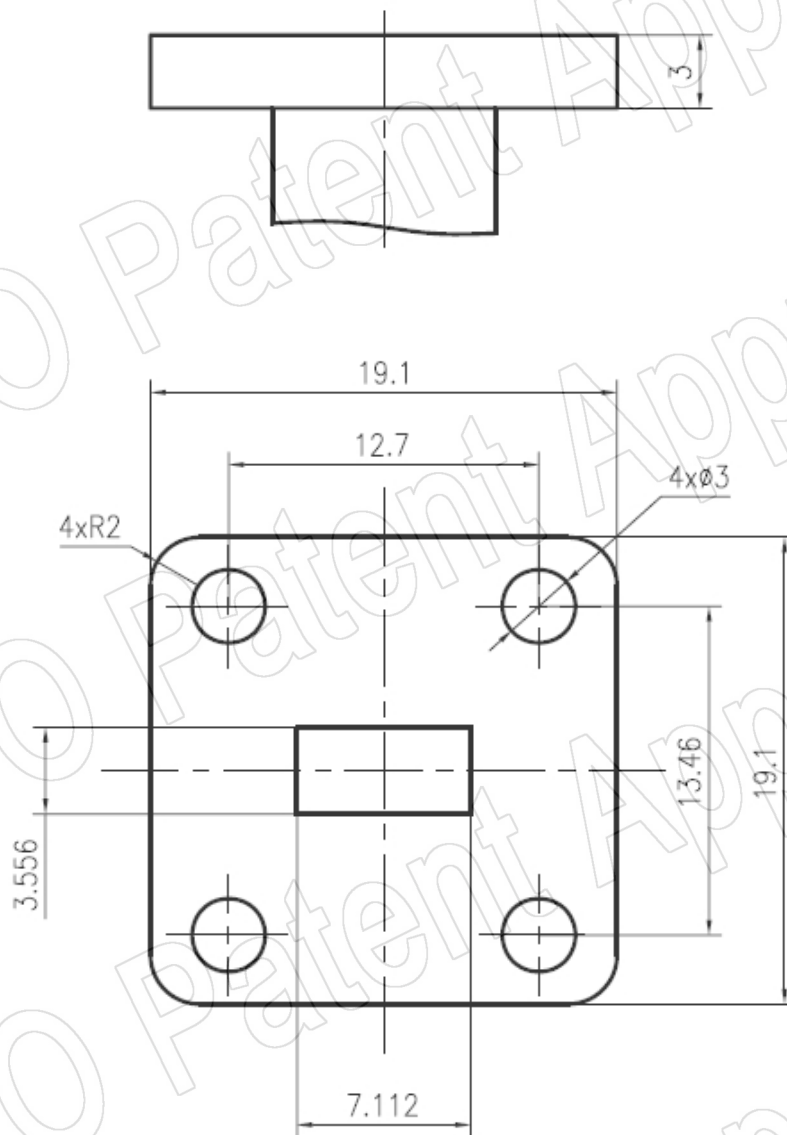
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.92mm-Female Output (P/N: LB-CNH-28-20-D02-C-KF)

For 2.4mm-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,

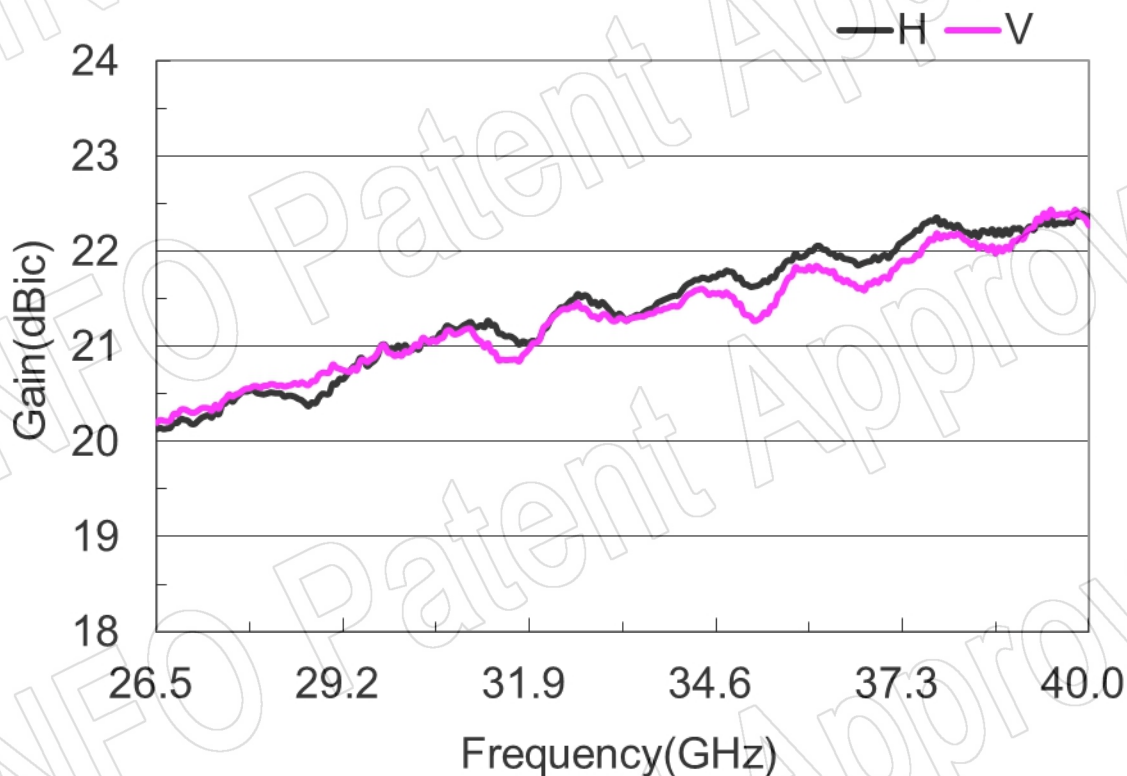
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

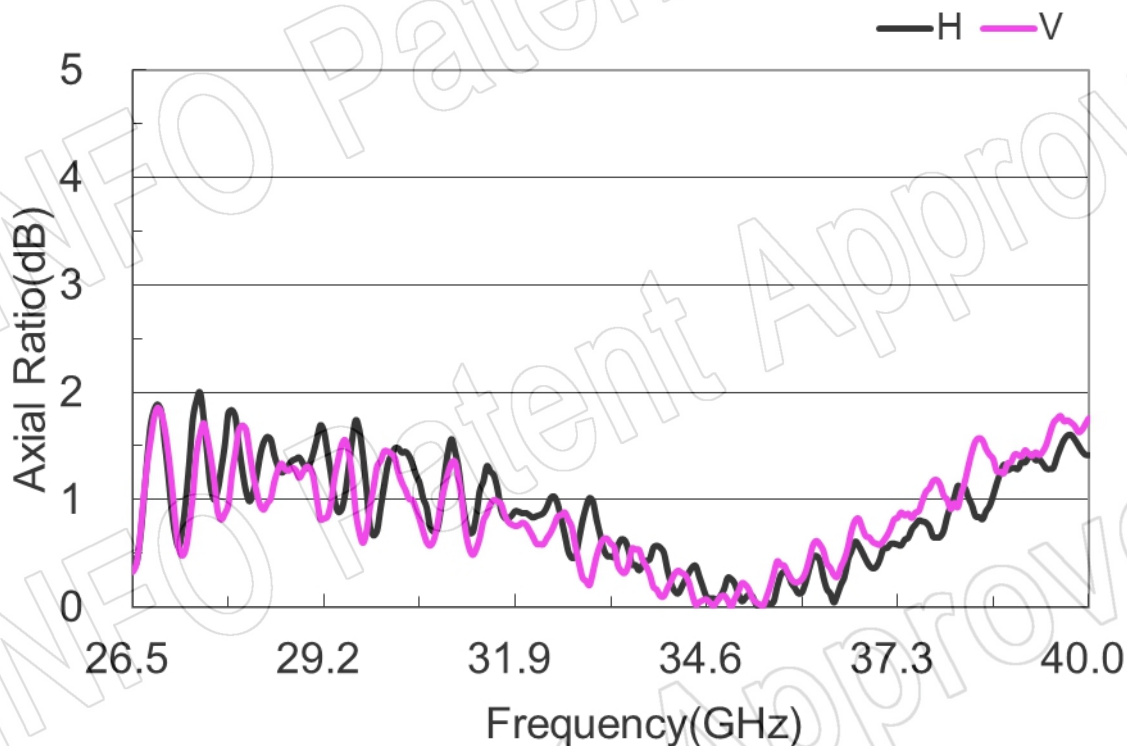
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

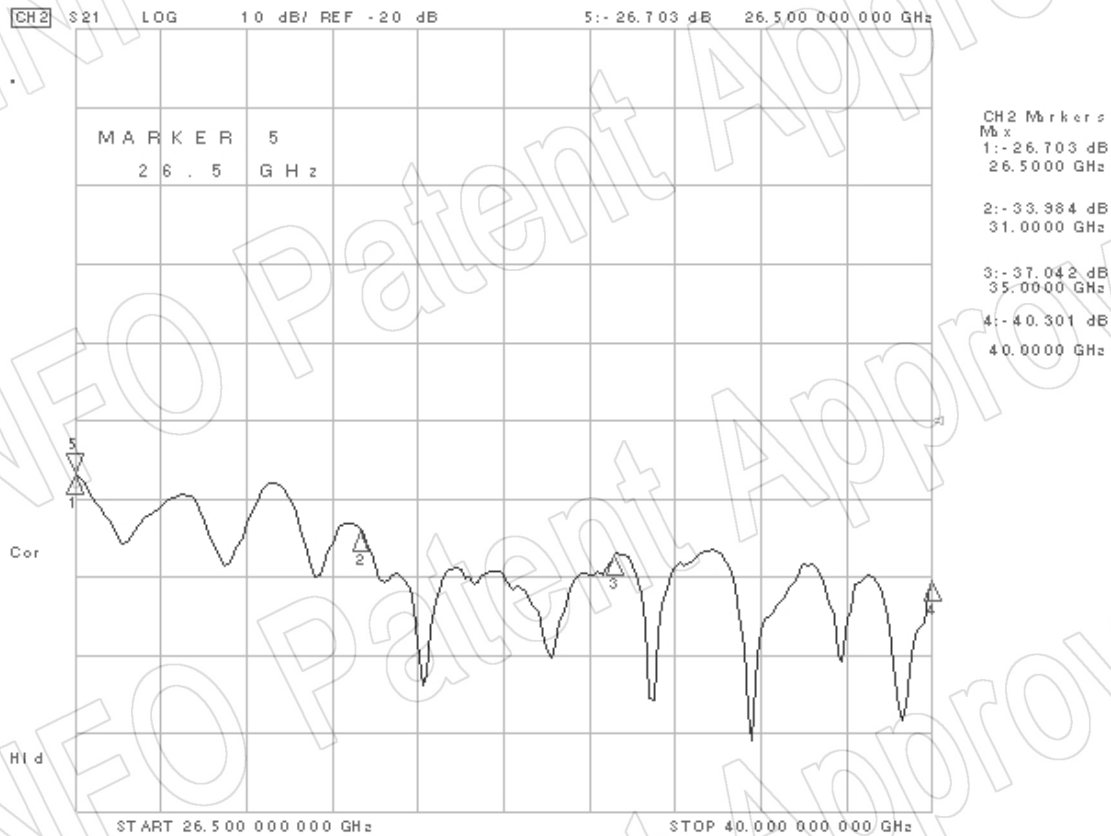
1. Gain



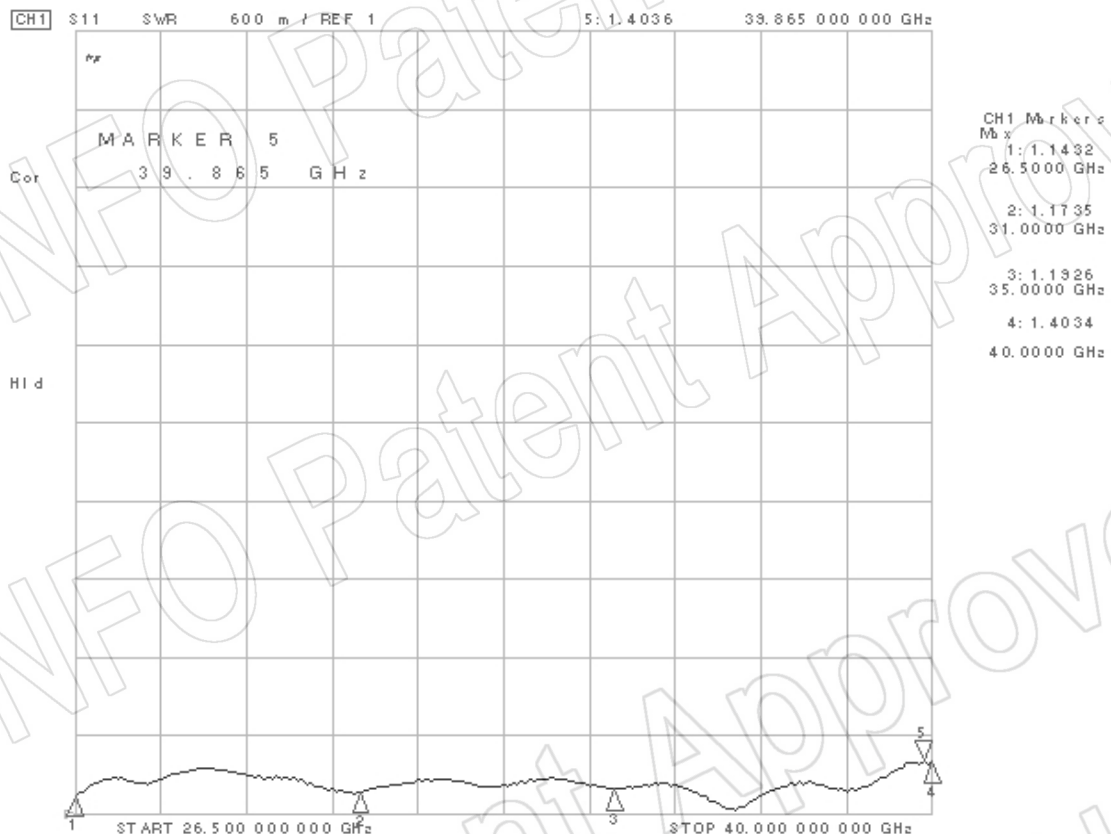
2. Axial Ratio



3. Port to Port Isolation



4. VSWR_A Type Port-H



AINFO Inc.

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

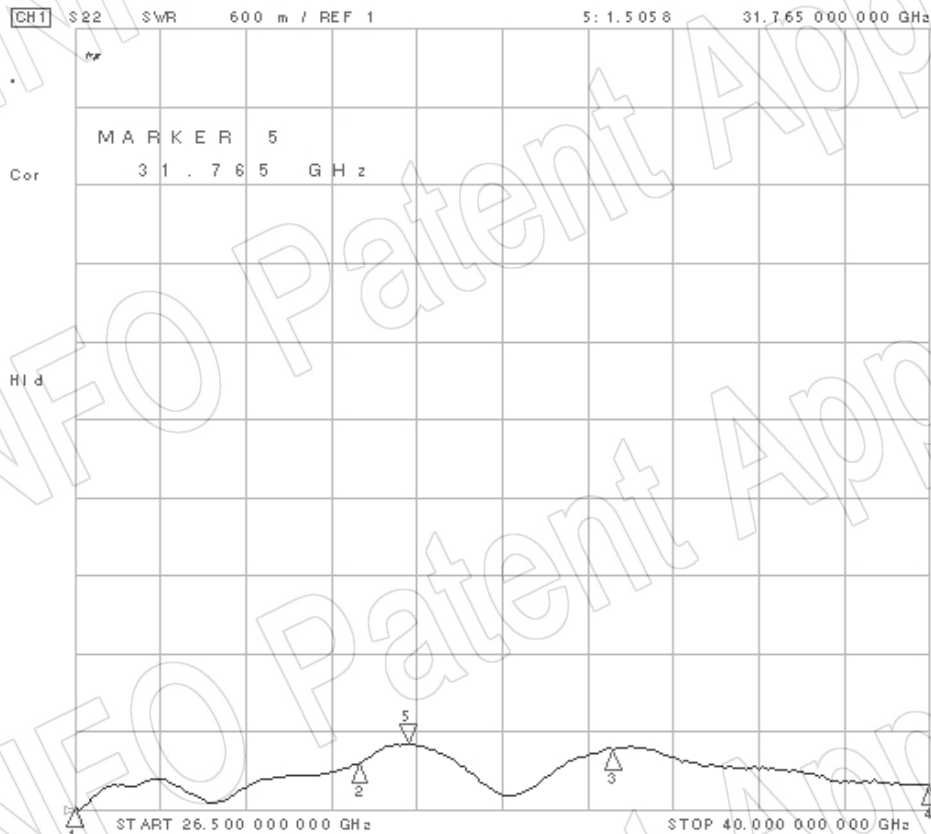
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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

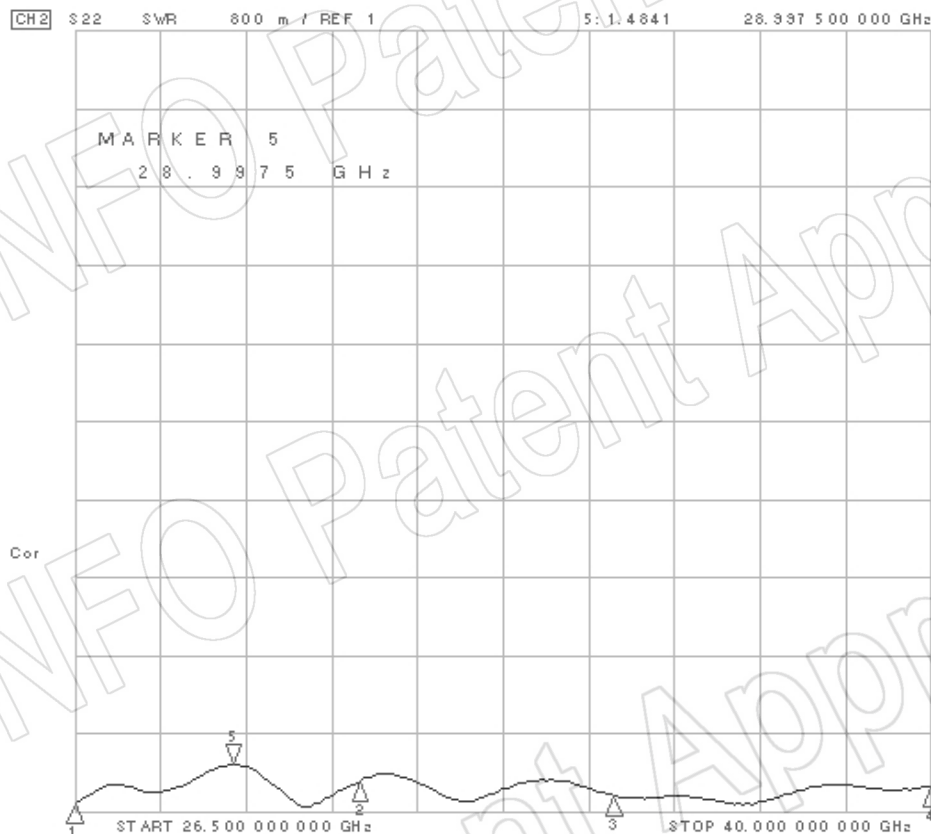
Port-V



CH1 Markers
Mx
1: 1.0335
26.5000 GHz
2: 1.3649
31.0000 GHz
3: 1.4726
35.0000 GHz
4: 1.1330
40.0000 GHz

VSWR_C Type

Port-H



CH2 Markers
Mx
1: 1.0314
26.5000 GHz
2: 1.3253
31.0000 GHz
3: 1.1706
35.0000 GHz
4: 1.2653
40.0000 GHz

AINFO Inc.

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

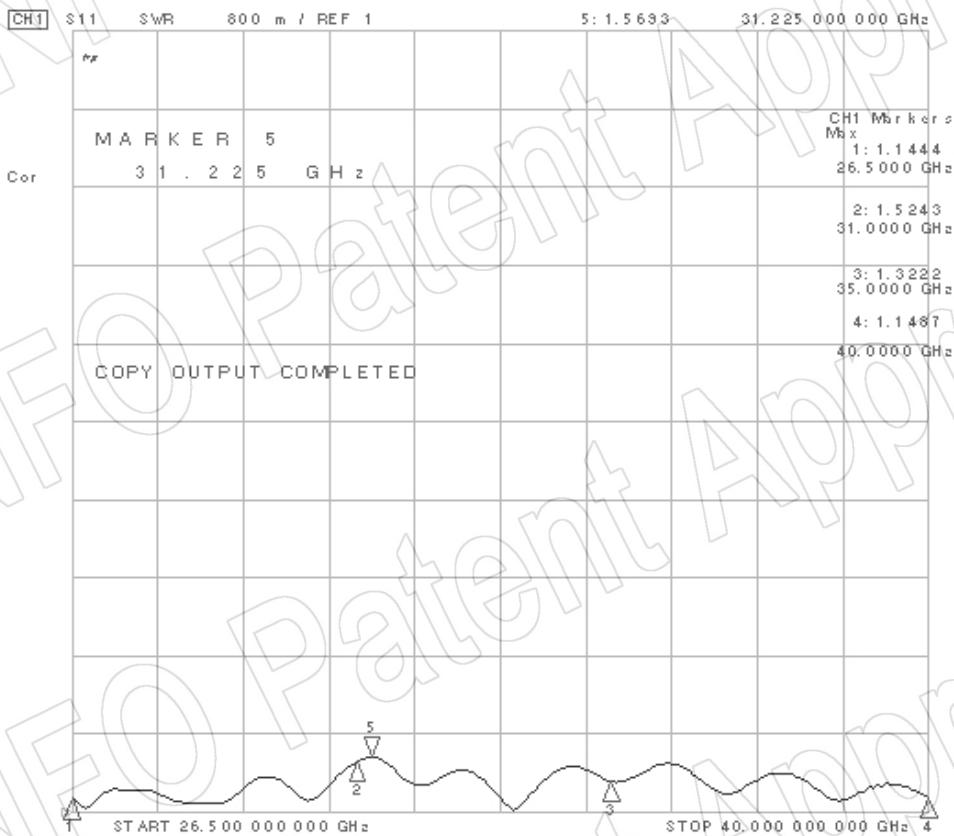
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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

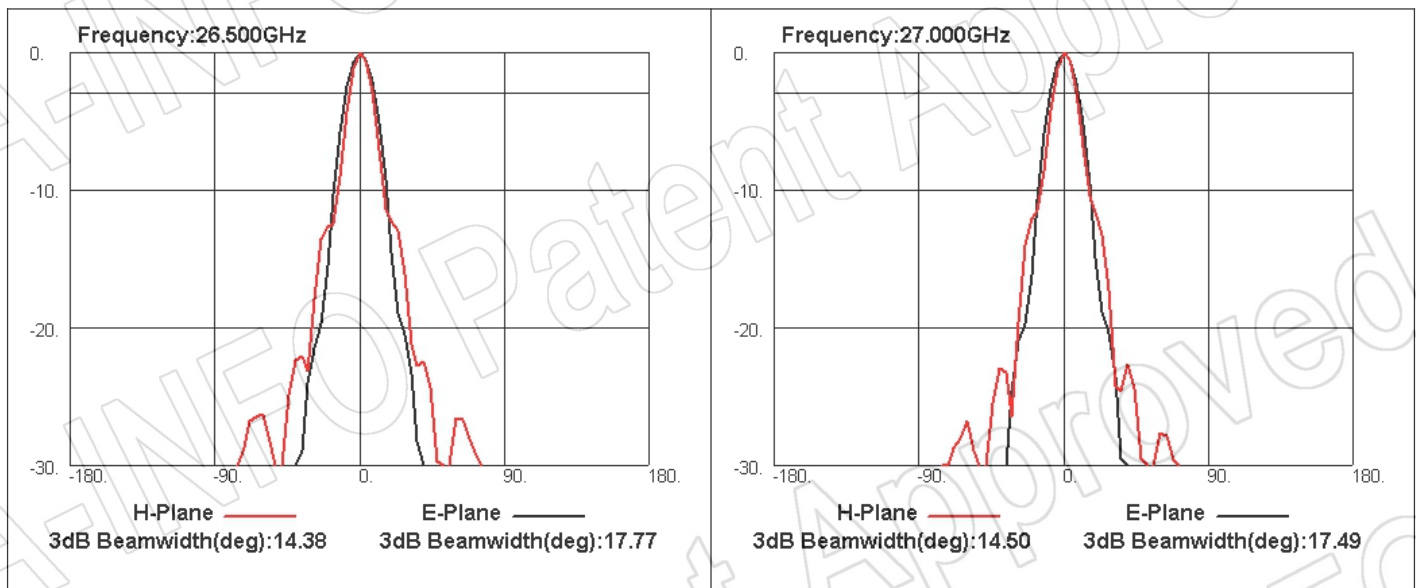
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

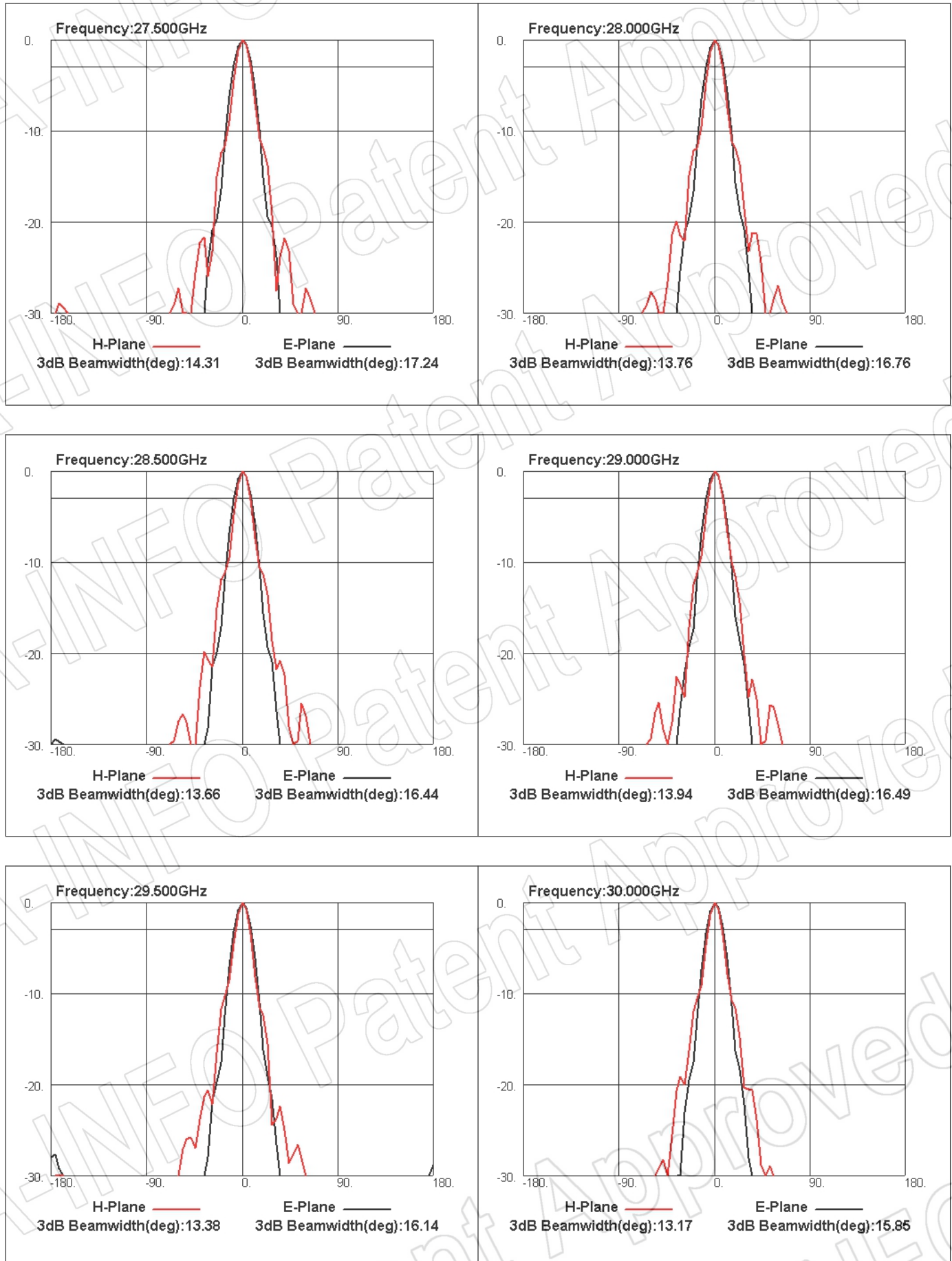
Port-V

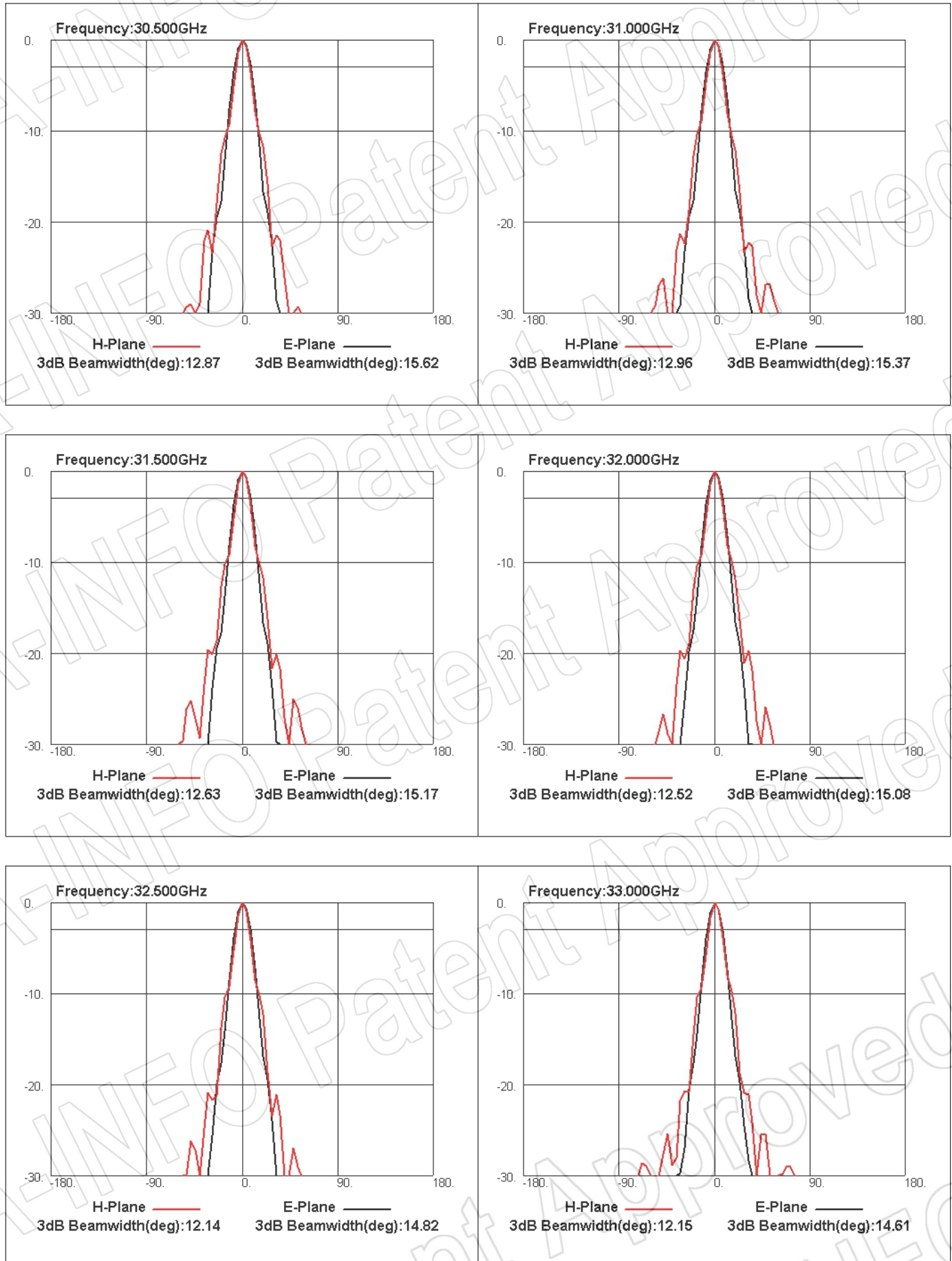


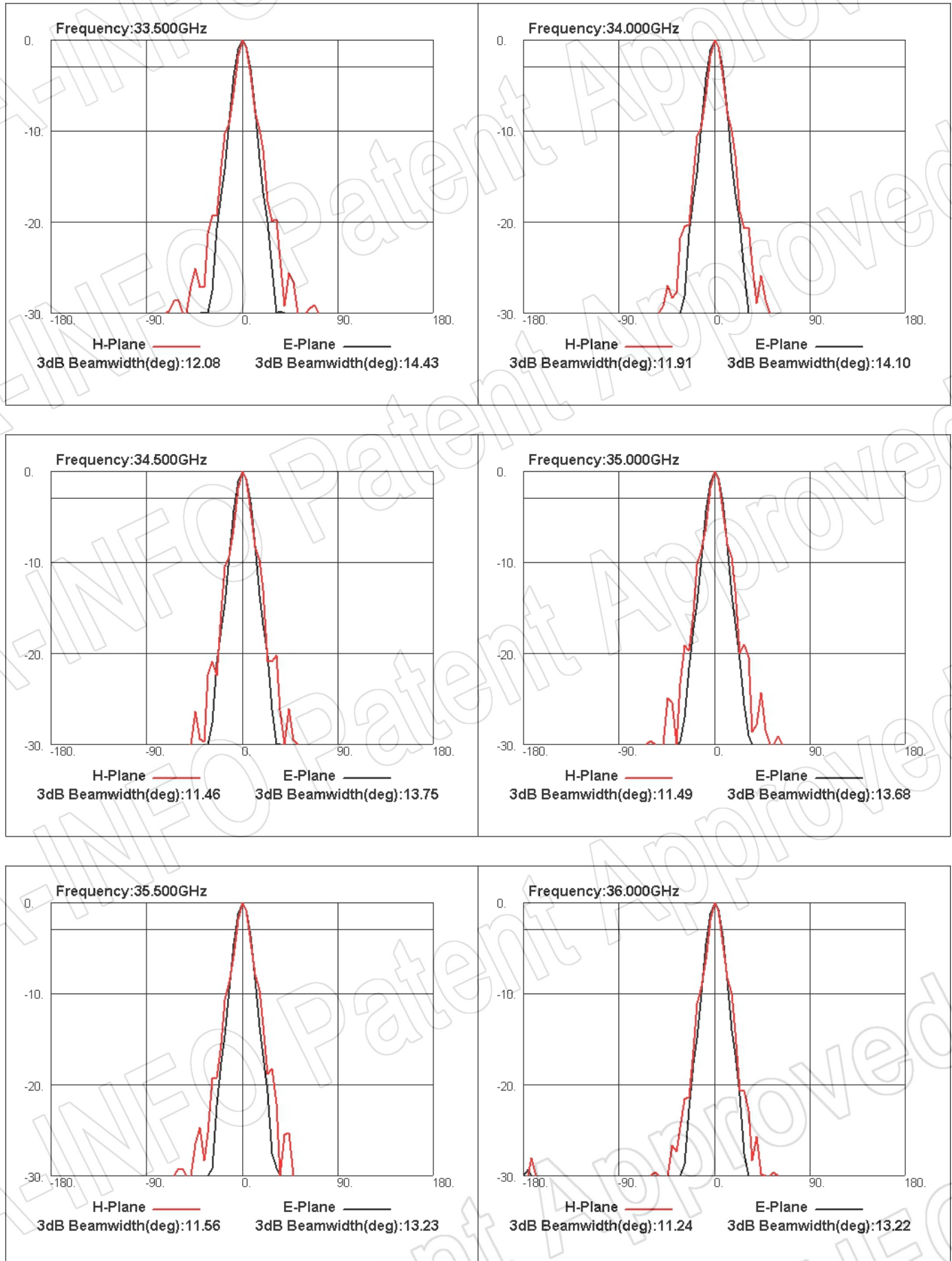
5. Pattern

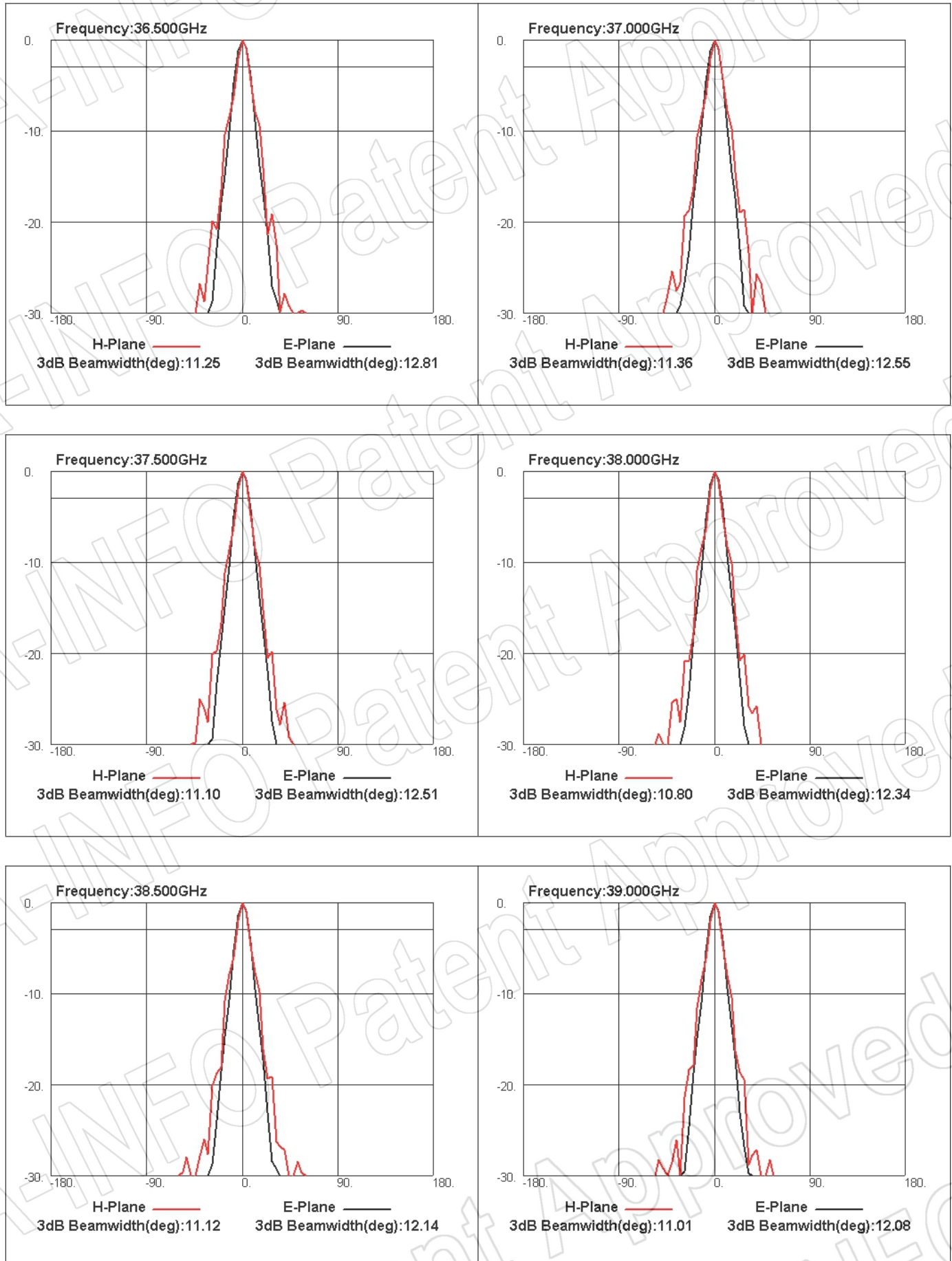
Port-H

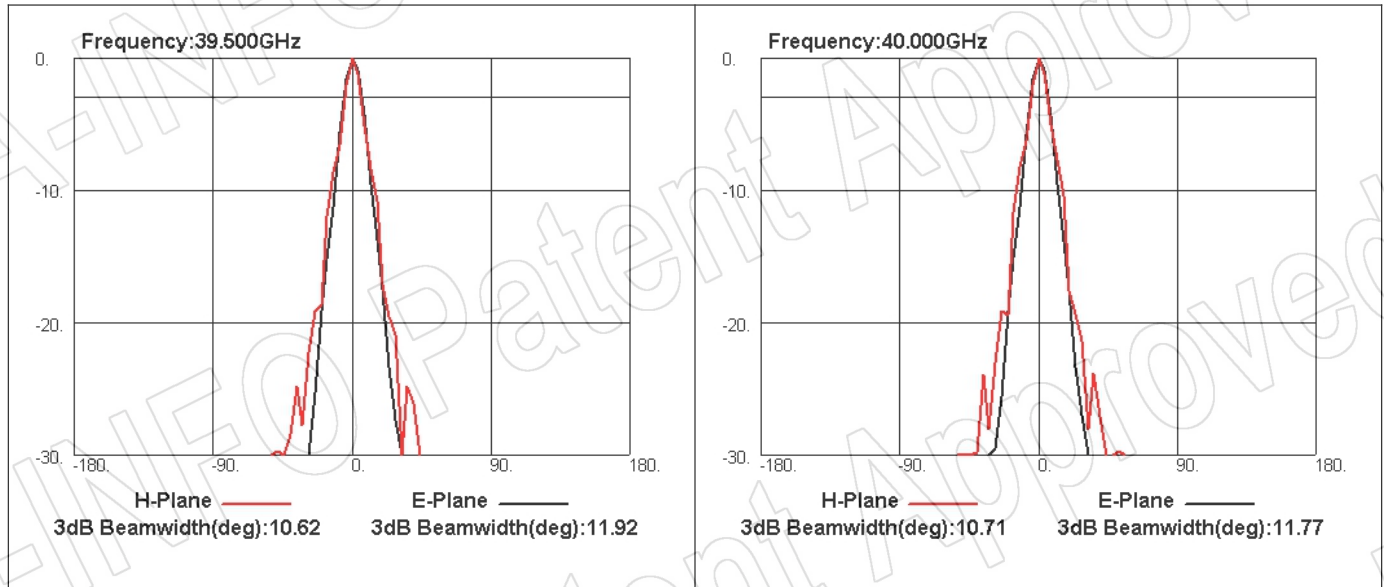












Port-V

