

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

Technical Specification

Frequency Range(GHz)	26.5 – 40.0
Waveguide	WR28
Gain(dBic)	25 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	2.0 Typ. ; 3.0 Max.
3dB Beamwidth(deg)	E Plane: 8 Typ.
	H Plane: 8 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 and Sliver Plated, Gray Paint
Size(mm)	A Type: 79.5 x 79.5 x 306.1
	C Type: 79.5 x 79.5 x 330.1
Net Weight(Kg)	A Type: 0.77 Around
	C Type: 0.84 Around

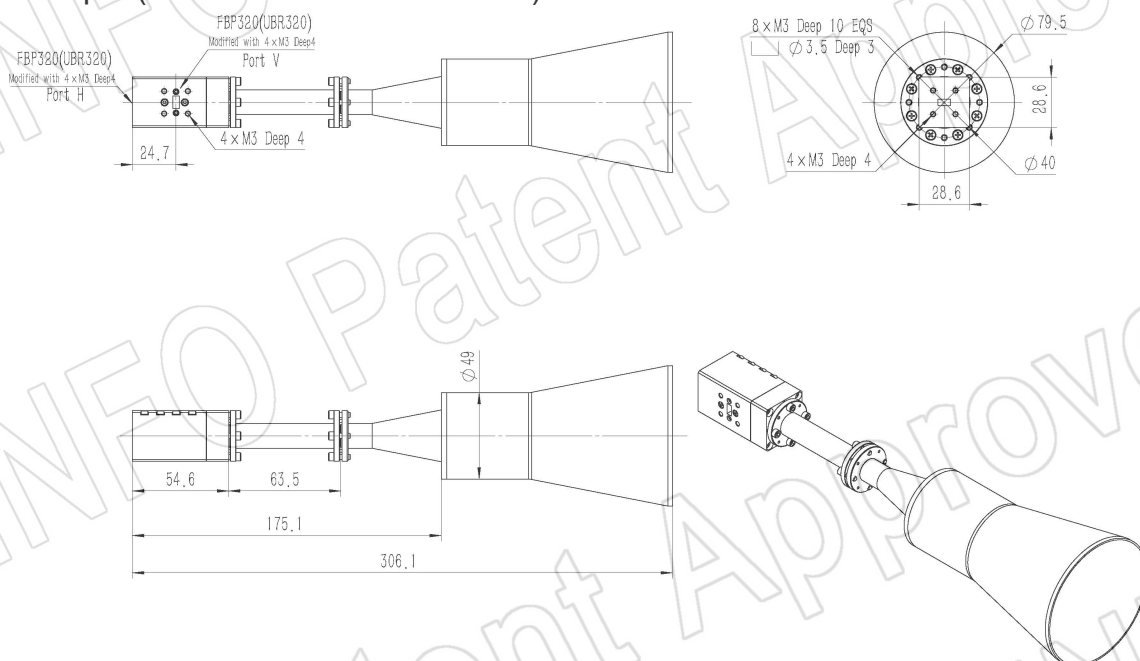


PATENT ID (China)

ZL202221065441.6

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-25-D02-A)



AINFO Inc.

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

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

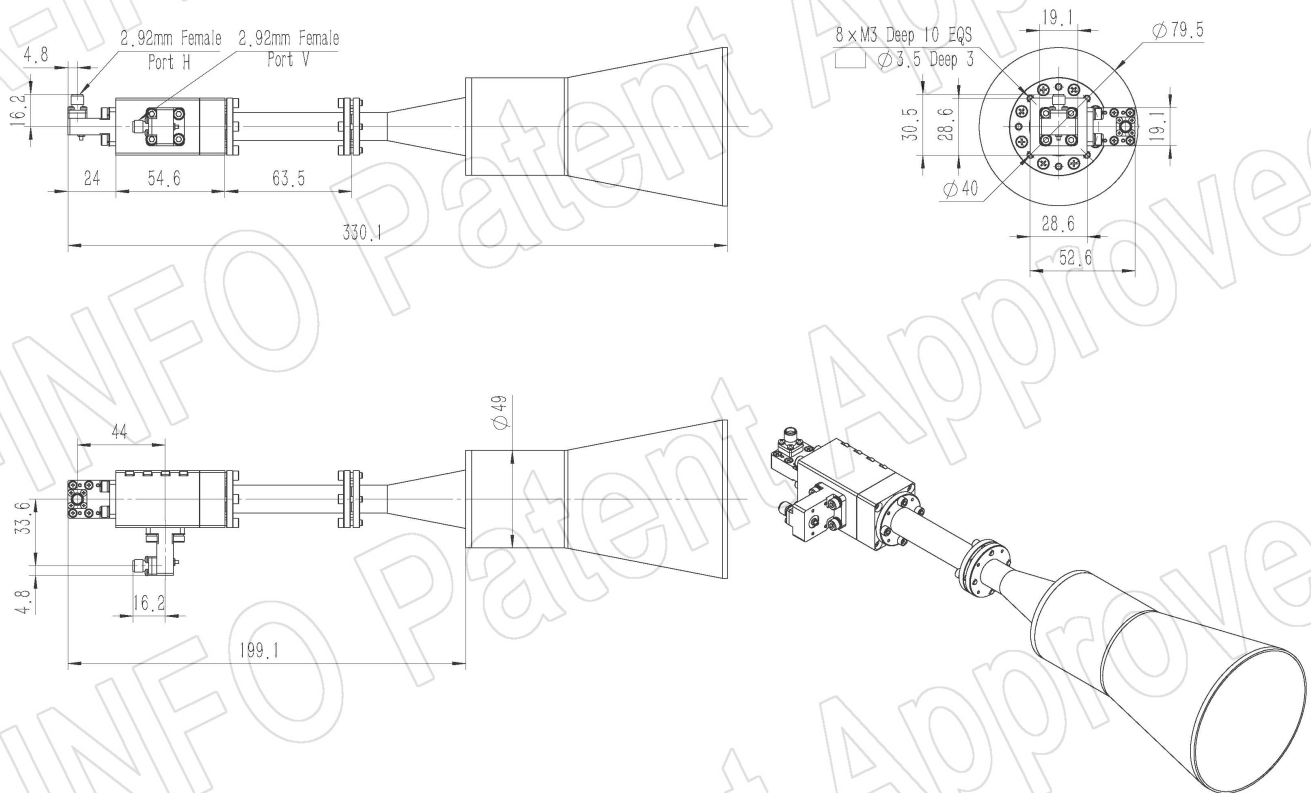
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(+86) 28-8519-3044
(+1) 949-639-9608

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

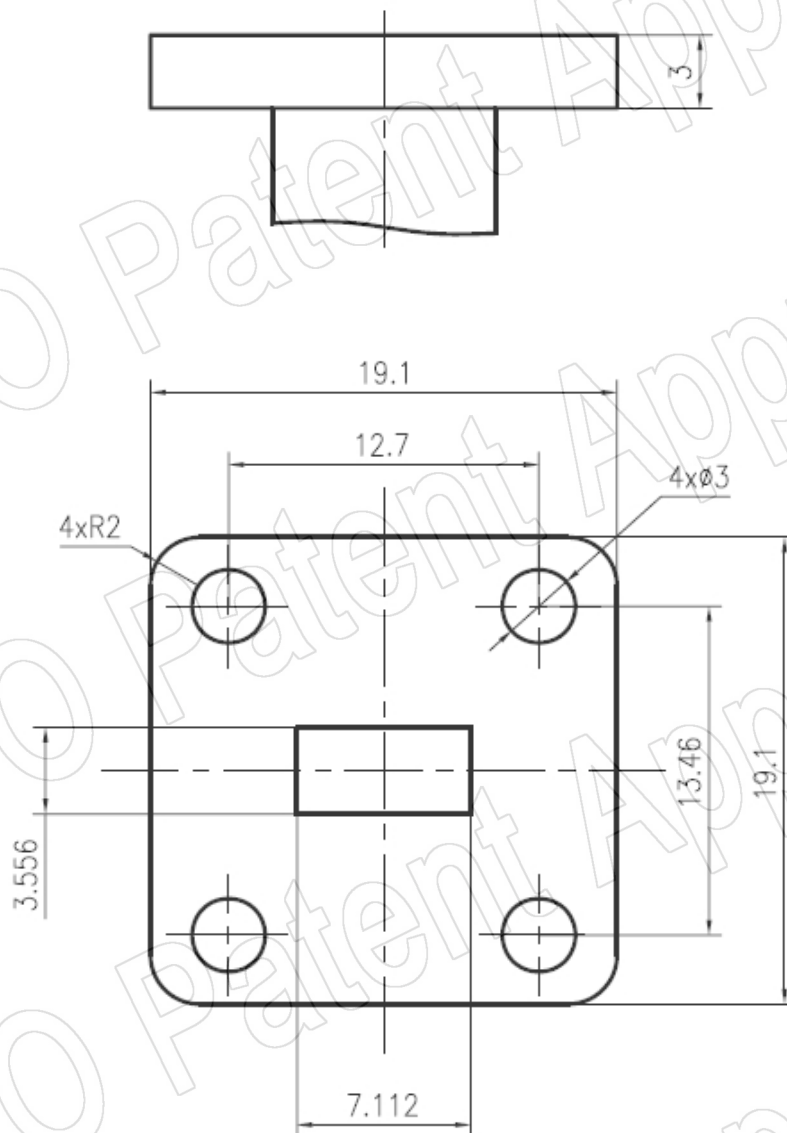
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.92mm-Female Output (P/N: LB-CNH-28-25-D02-C-KF)

For 2.4mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FBP320

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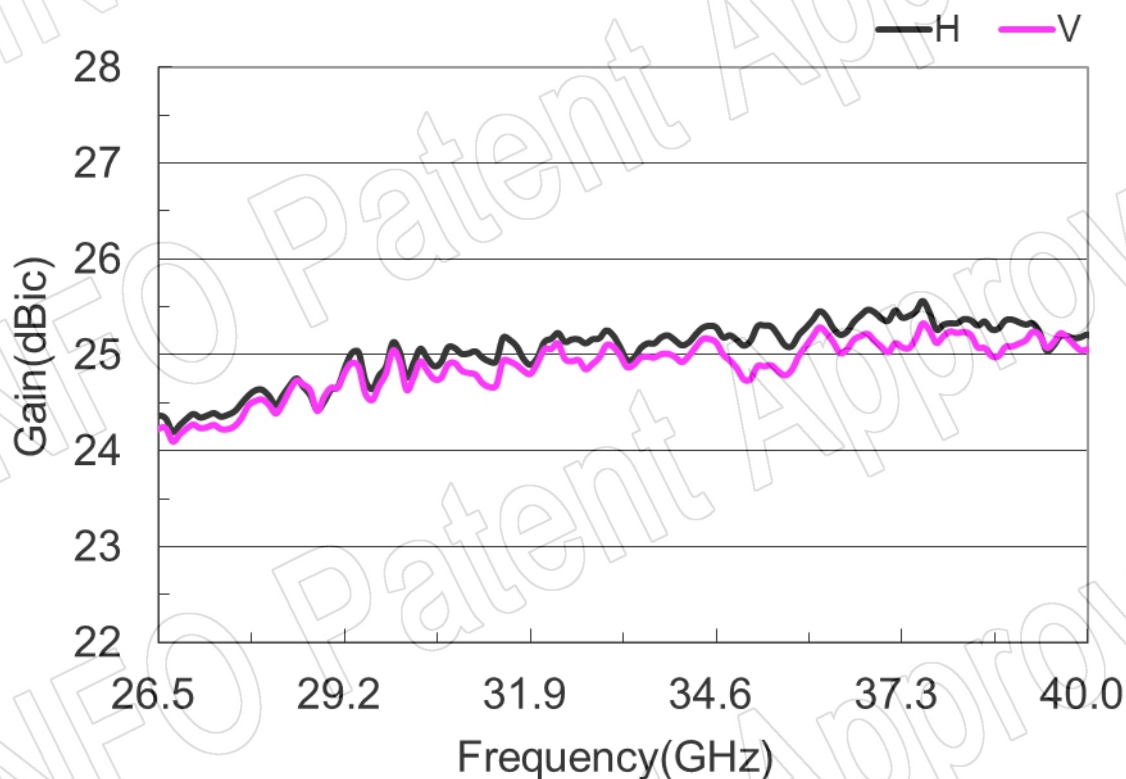
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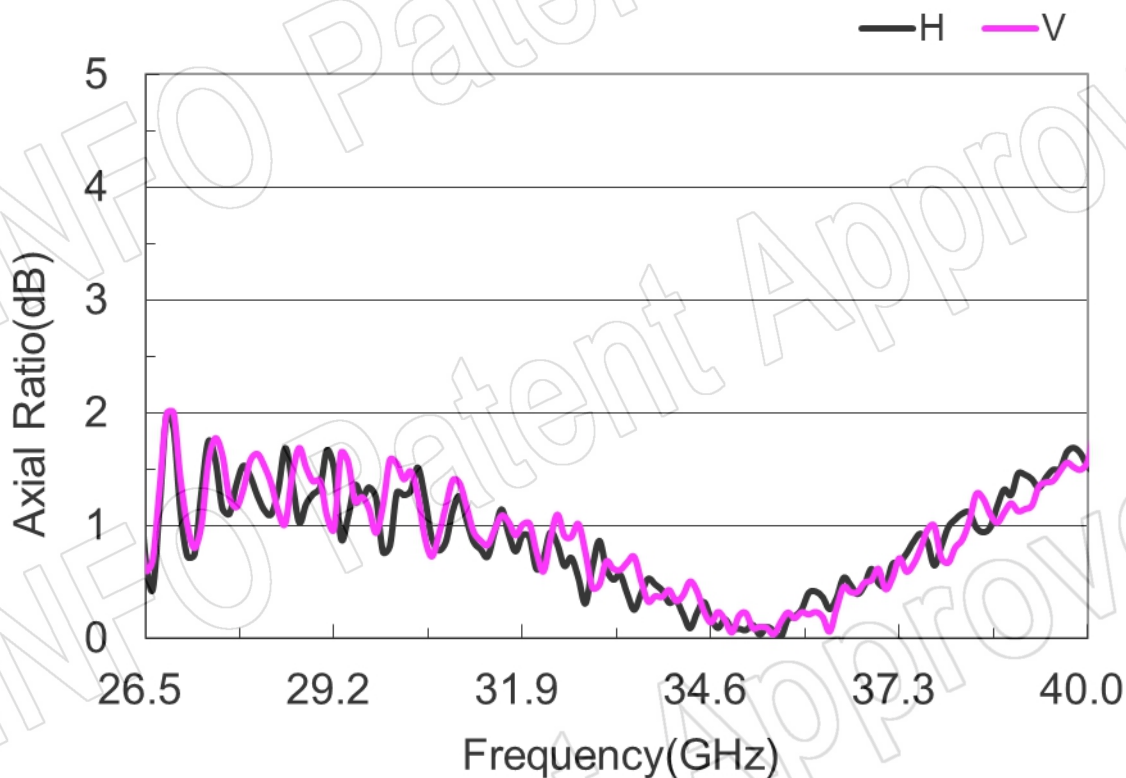
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Test Results

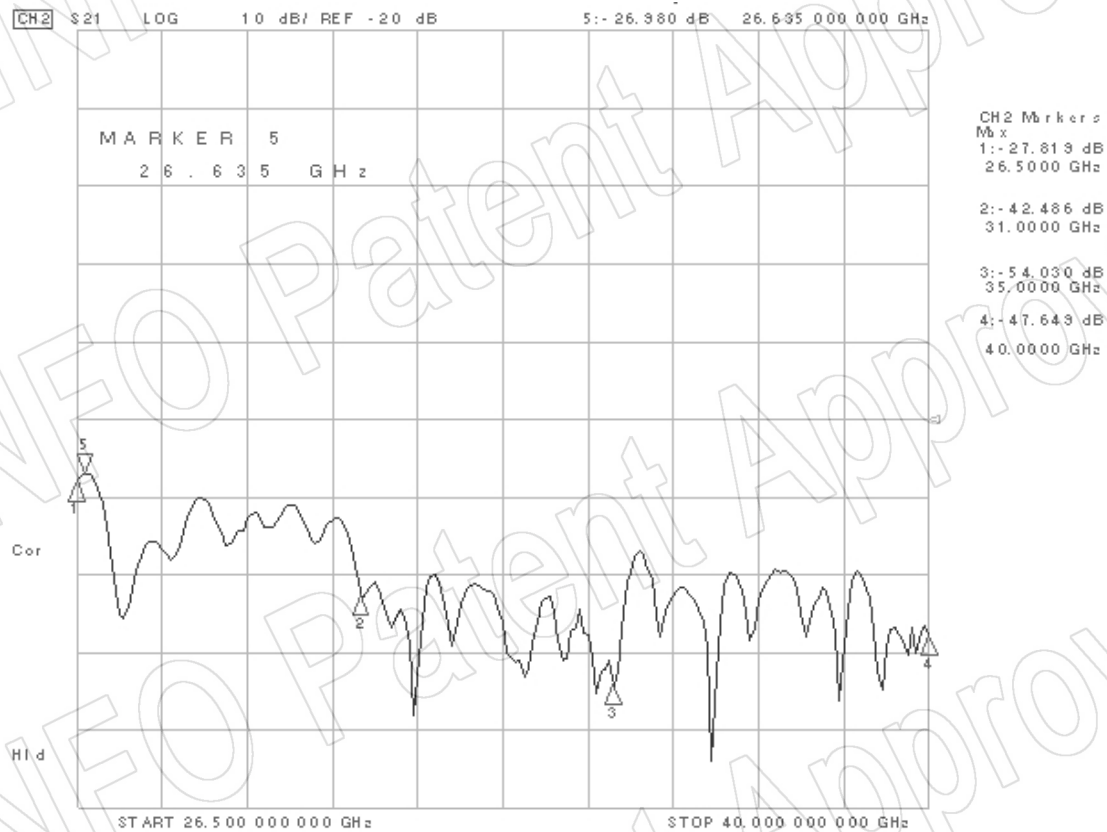
1. Gain



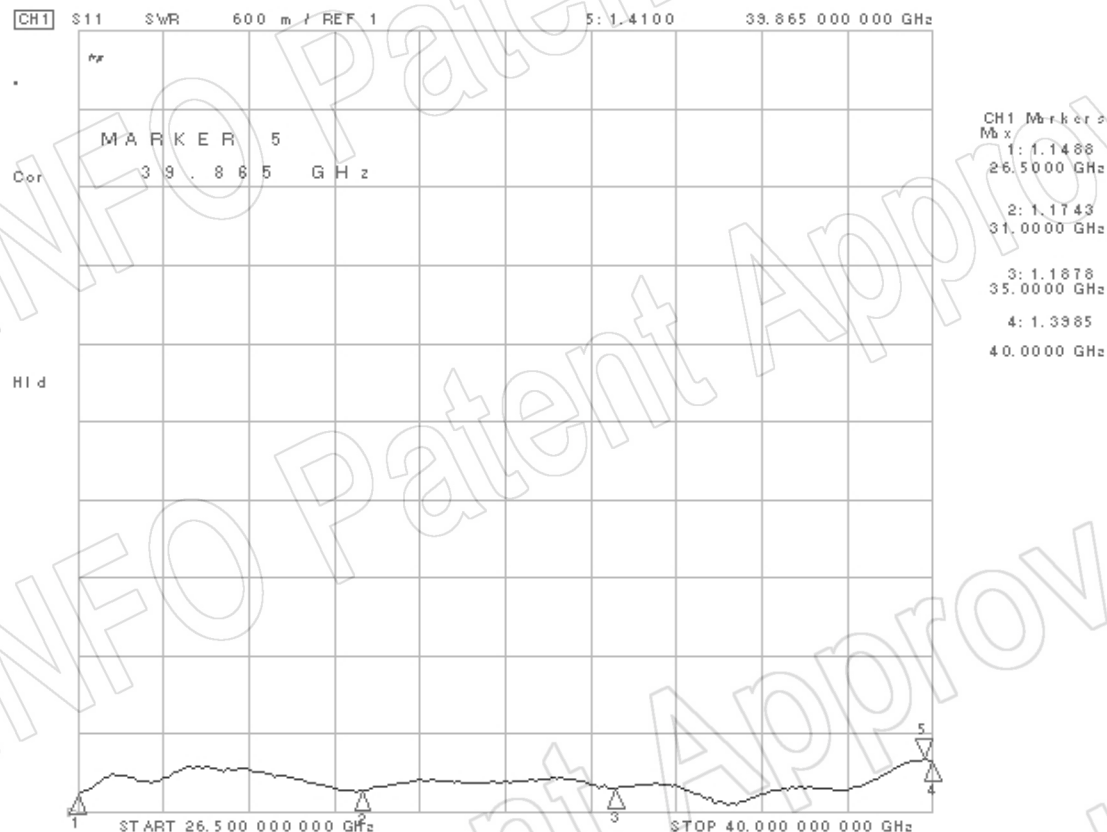
2. Axial Ratio



3. Port to Port Isolation



4. VSWR_A Type Port-H



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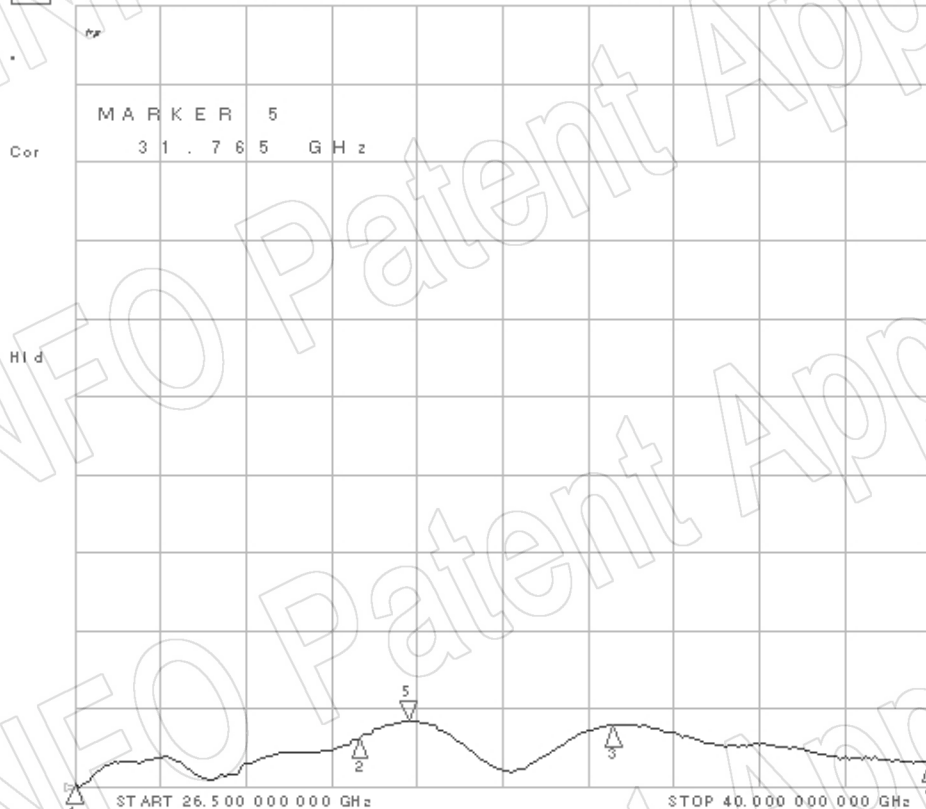
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Port-V

CH1 S22 SWR 600 m / REF 1 5: 1.5090 31.765 000 000 GHz



CH1 Markers

Max

1: 1.0242

26.5000 GHz

2: 1.3814

31.0000 GHz

3: 1.4752

35.0000 GHz

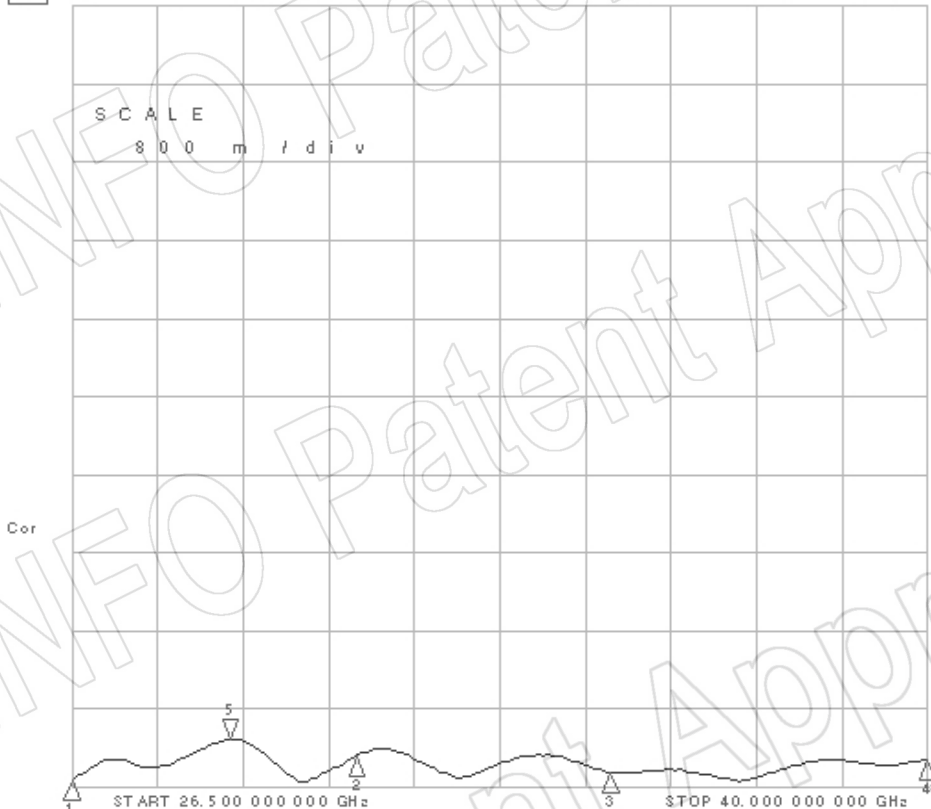
4: 1.1378

40.0000 GHz

VSWR_C Type

Port-H

CH2 S22 SWR 800 m / REF 1 5: 1.4954 28.997 500 000 GHz



CH2 Markers

Max

1: 1.0801

26.5000 GHz

2: 1.3271

31.0000 GHz

3: 1.1576

35.0000 GHz

4: 1.2904

40.0000 GHz

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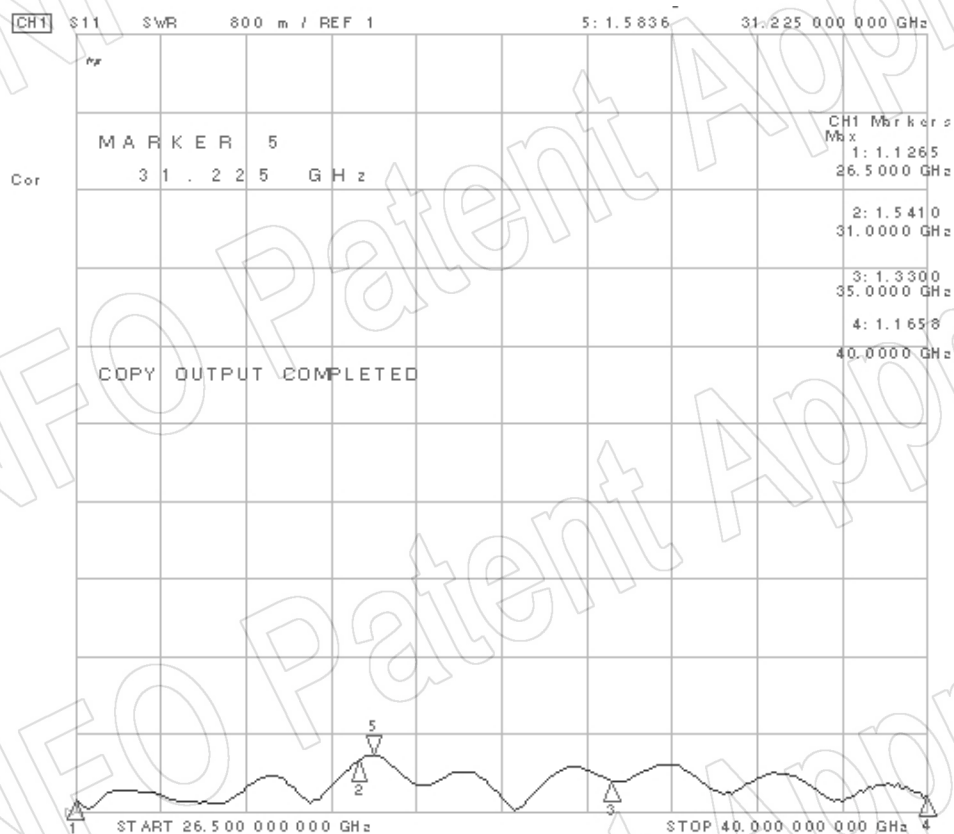
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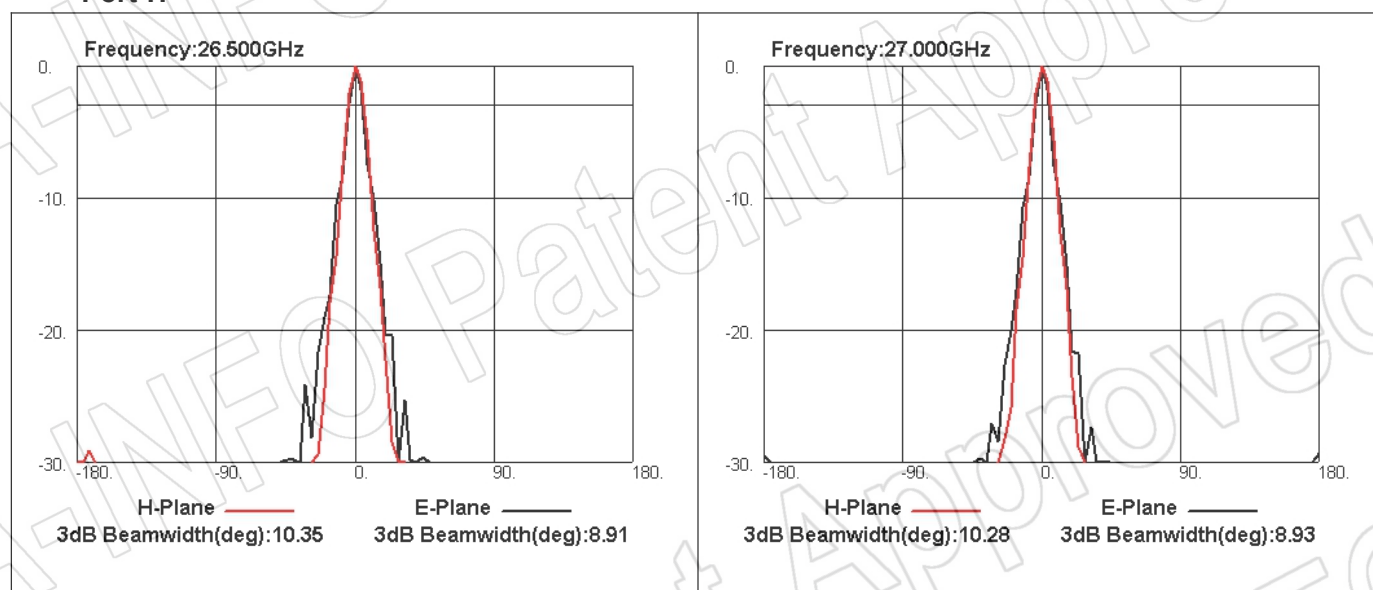
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Port-V



5. Pattern

Port-H



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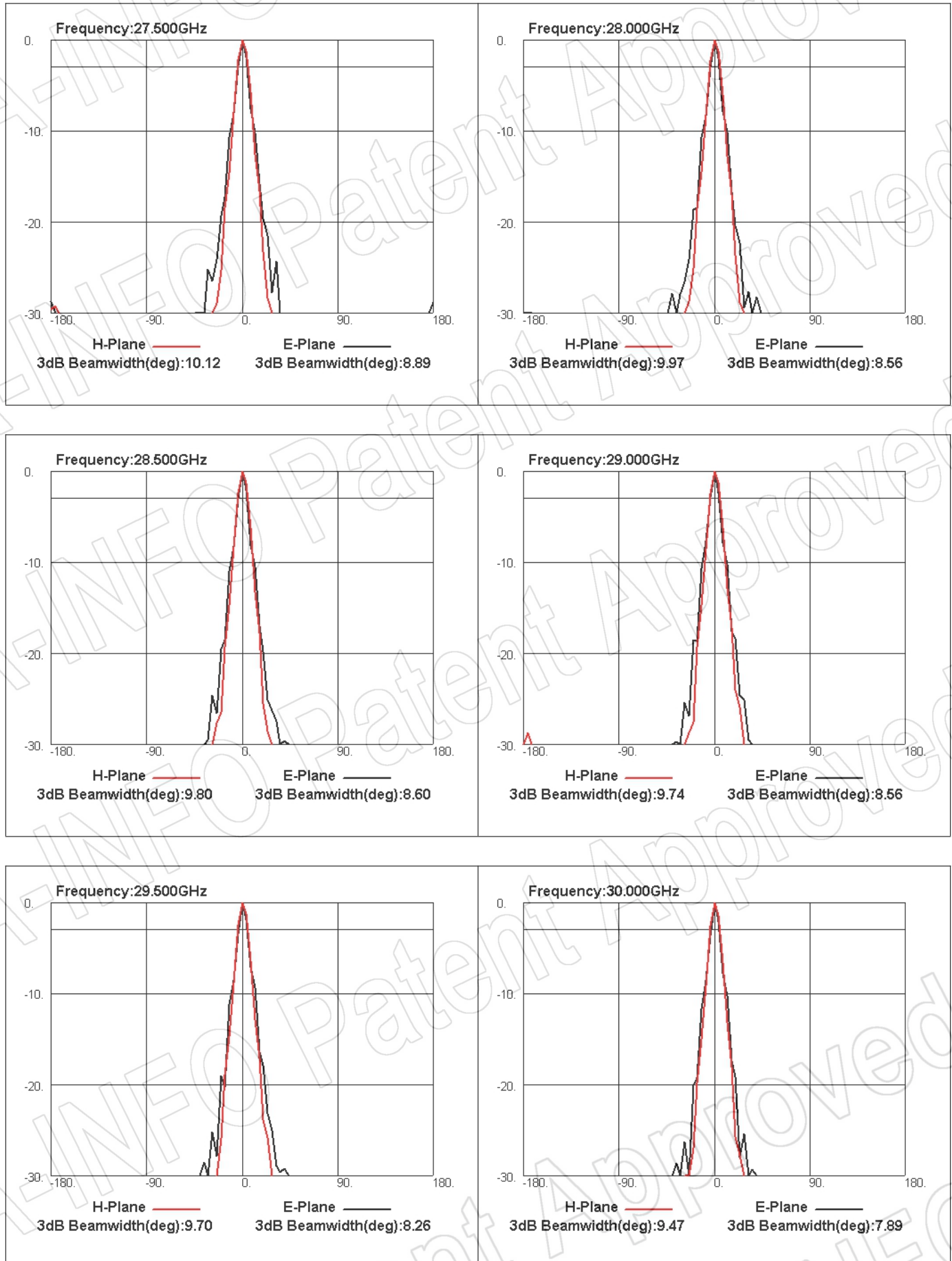
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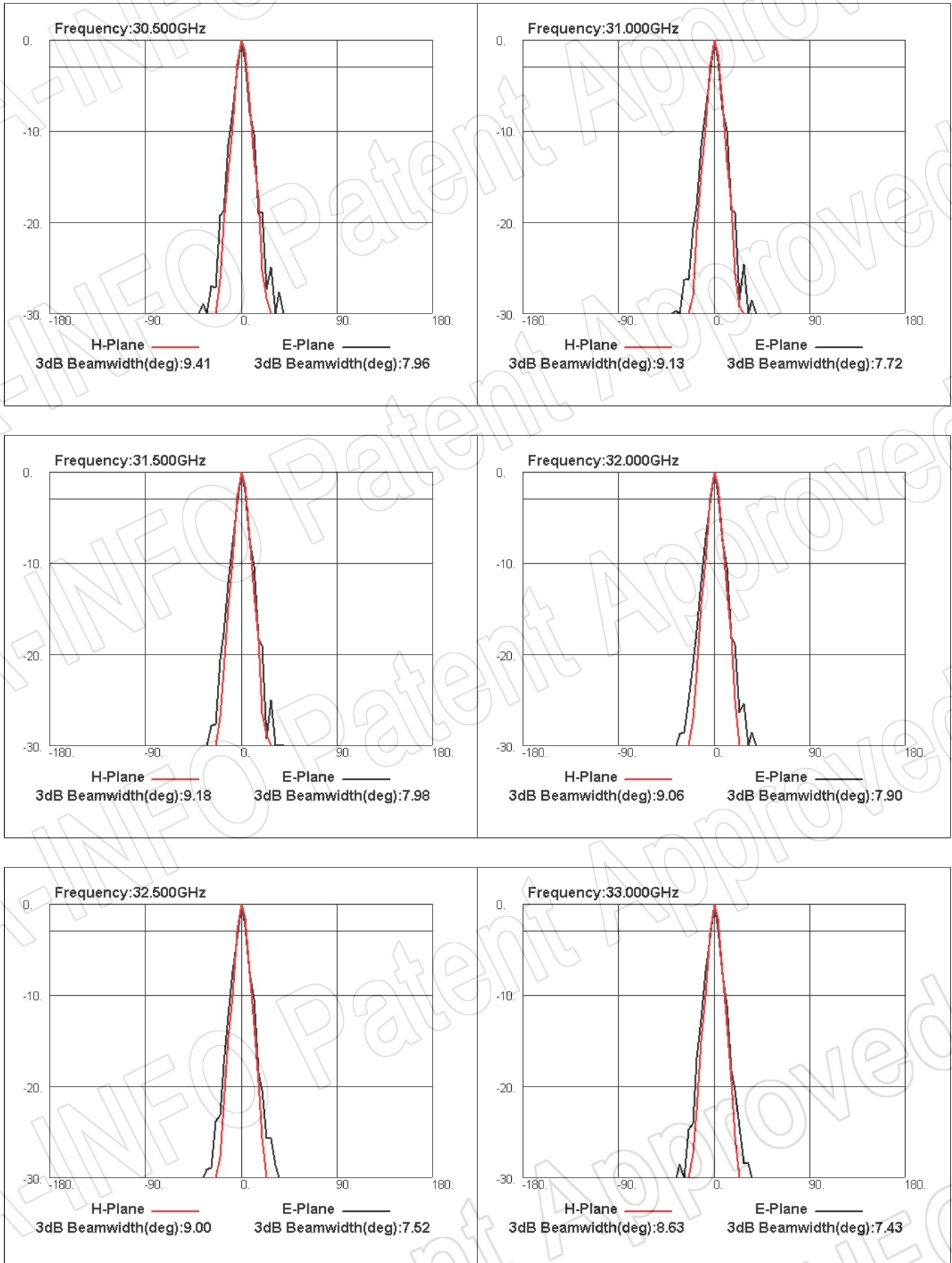
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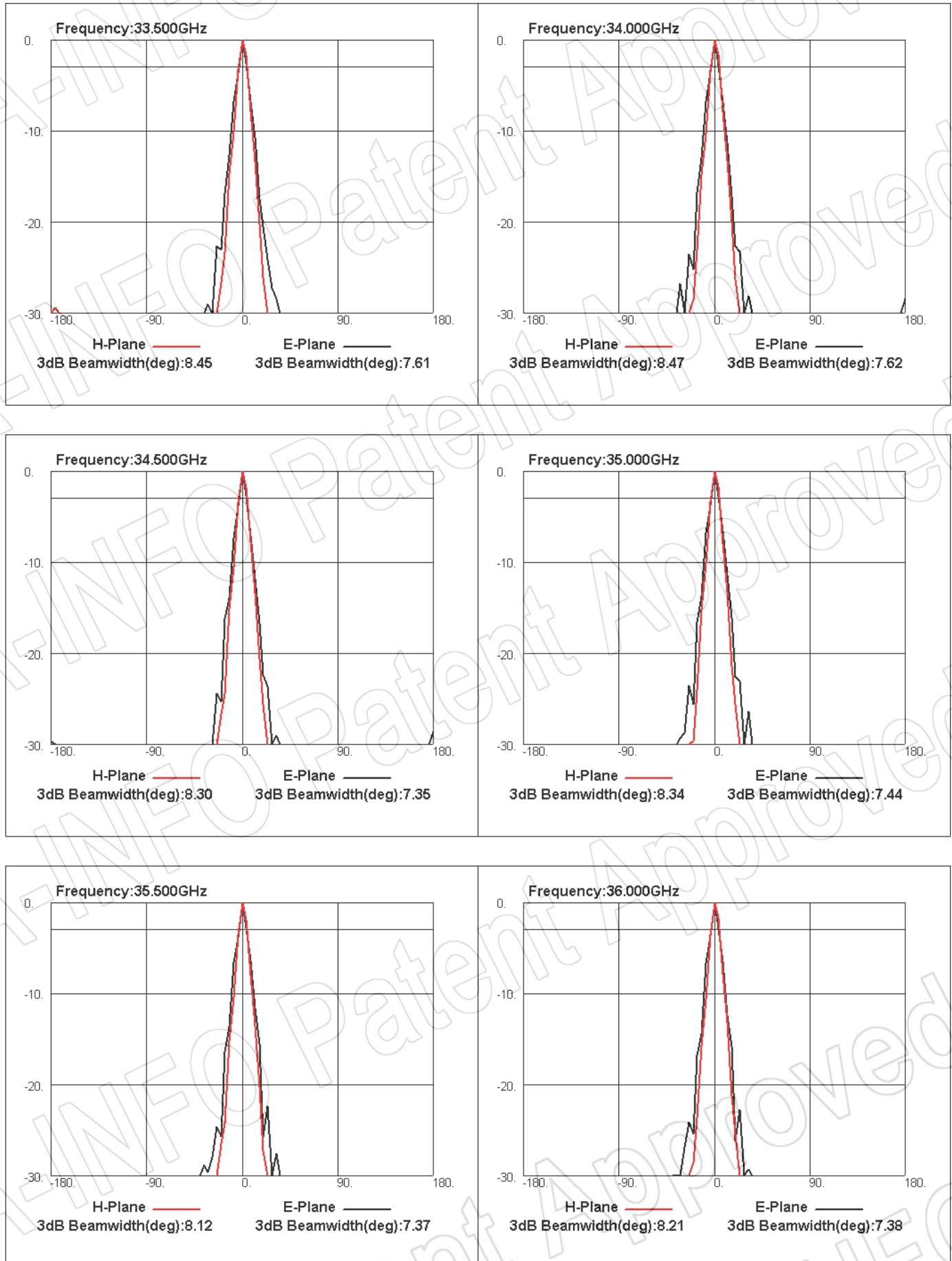
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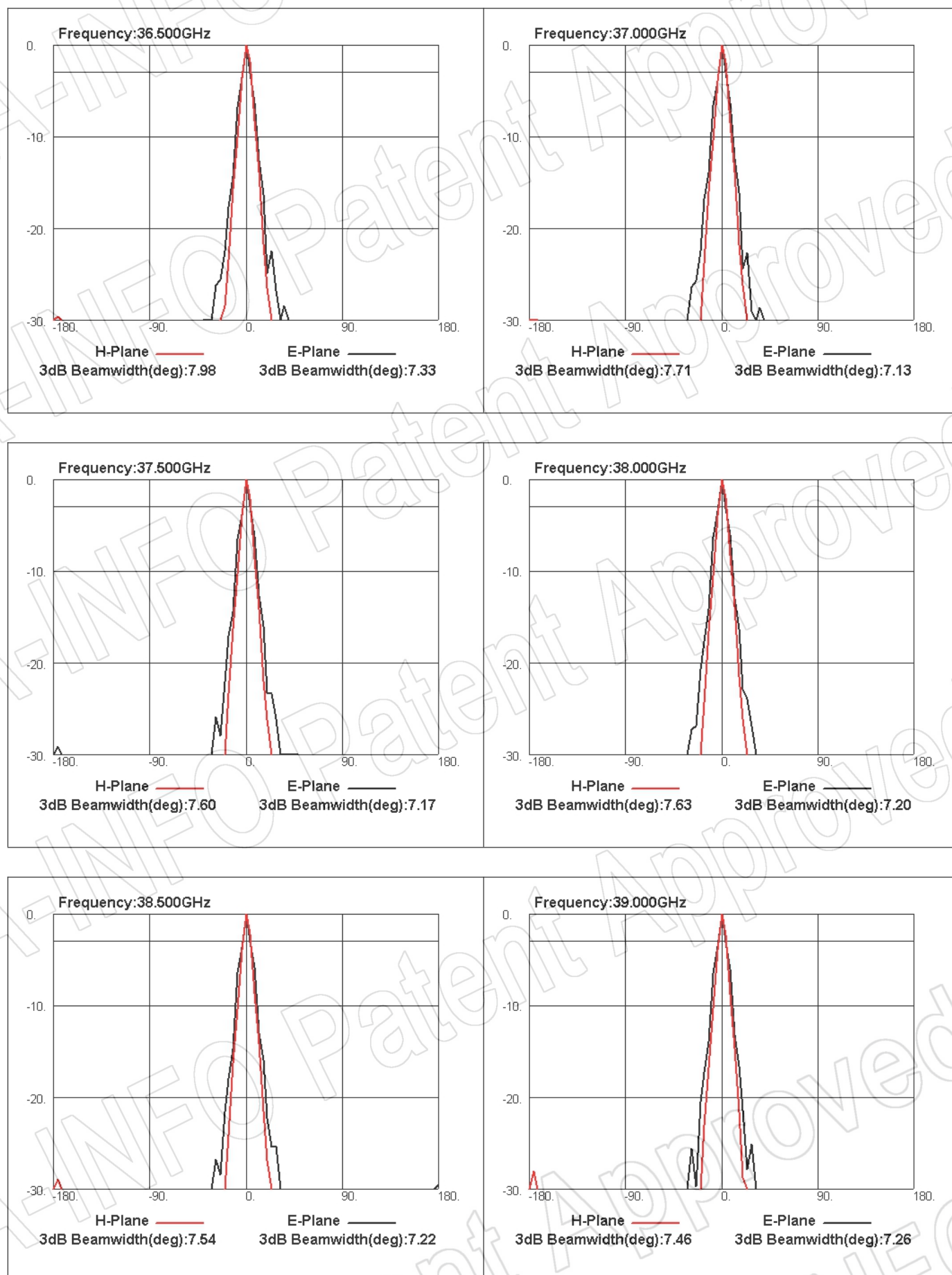
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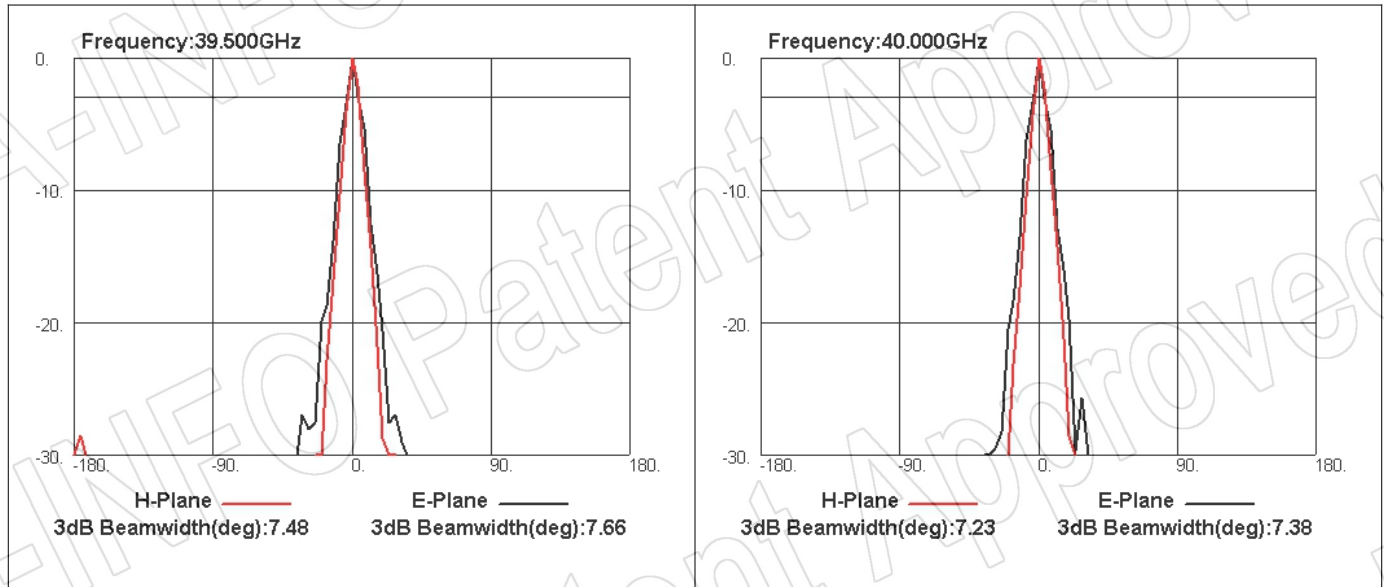
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Port-V

