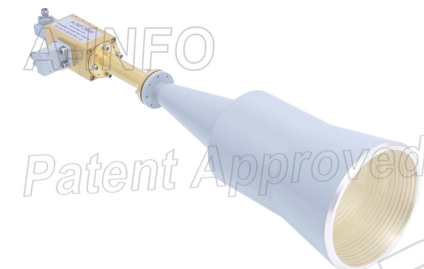


For reference only. See data sheet for the detailed specifications.

Technical Specification

Frequency Range(GHz)	26.5 – 40.0
Waveguide	WR28
Gain(dBi)	25 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	3.0 Typ. ; 4.0 Max.
3dB Beamwidth(deg)	E Plane: 9 Typ.
	H Plane: 9 Typ.
Port to Port Isolation(dB)	25 Typ. ; 15 Min.
VSWR	A Type: 1.30:1 Typ.
	C Type: 1.50:1 Typ.
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: 89.3 x 59.3 x 335.3
	C Type: 89.3 x 59.3 x 359.6
Net Weight(Kg)	A Type: 0.95 Around
	C Type: 1.03 Around

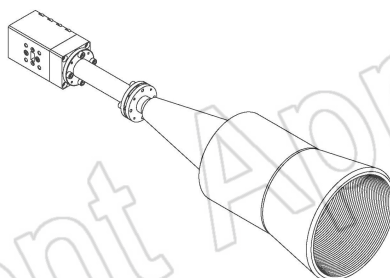
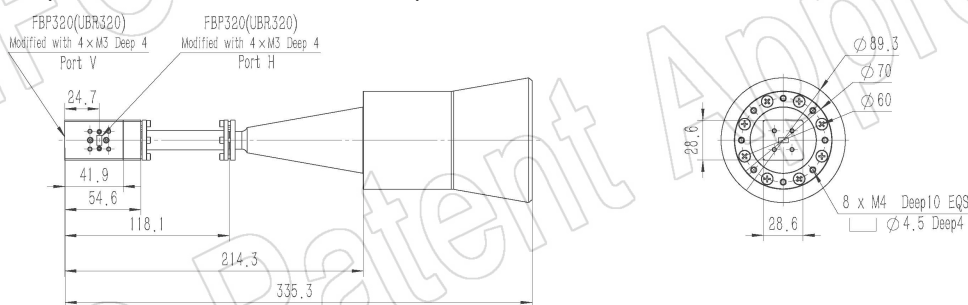


PATENT ID (China)

ZL202221065441.6

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CH-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,

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

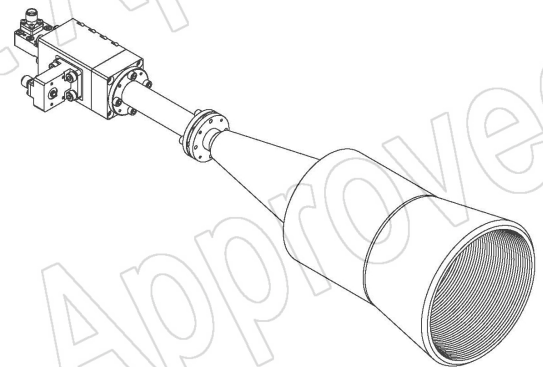
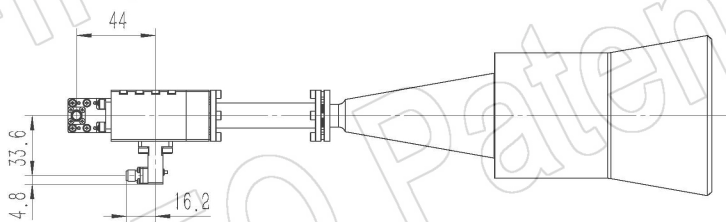
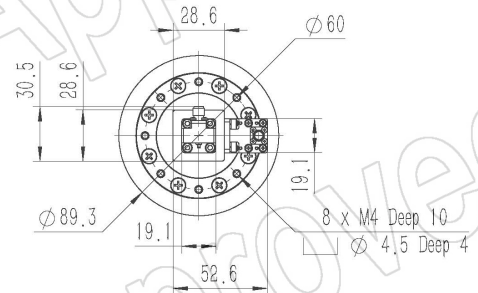
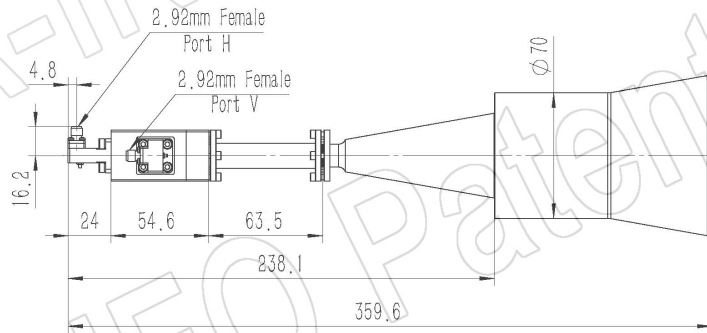
Page 1 of 16

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

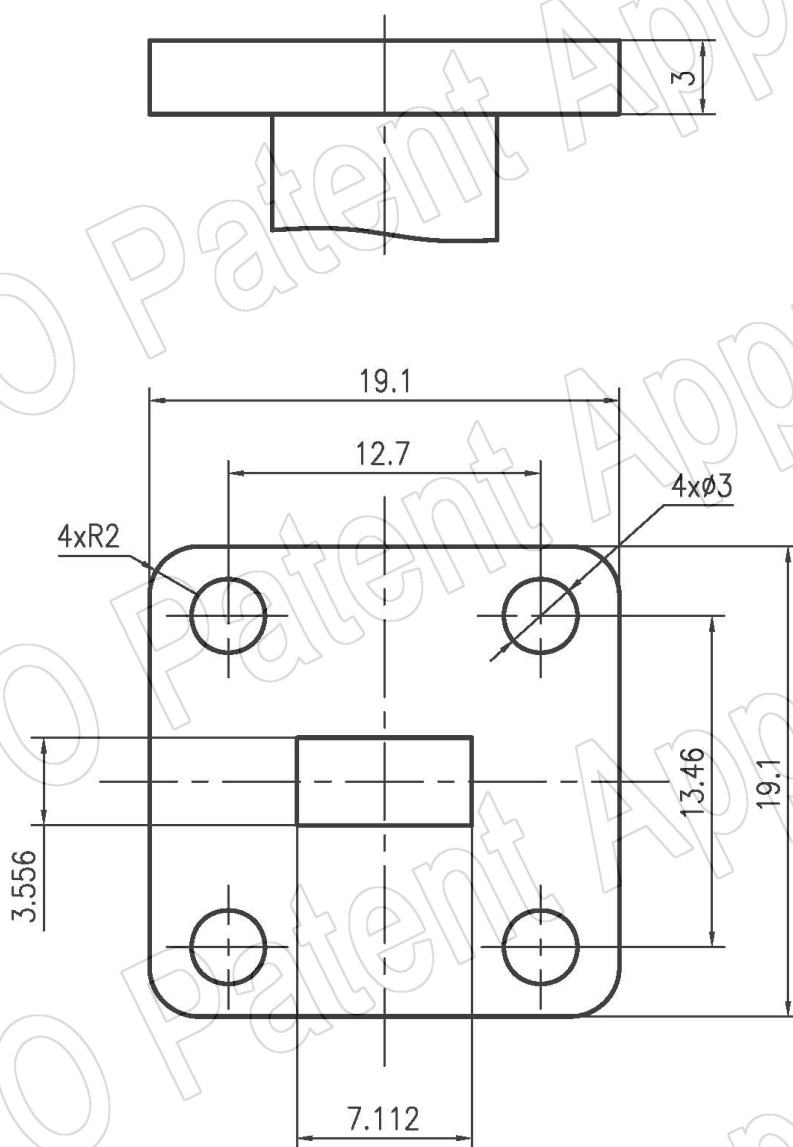
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

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

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



Flange Drawing (Size: mm)



FBP320

AINFO Inc.

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USA :

Tel: (+86) 10-6266-7326,
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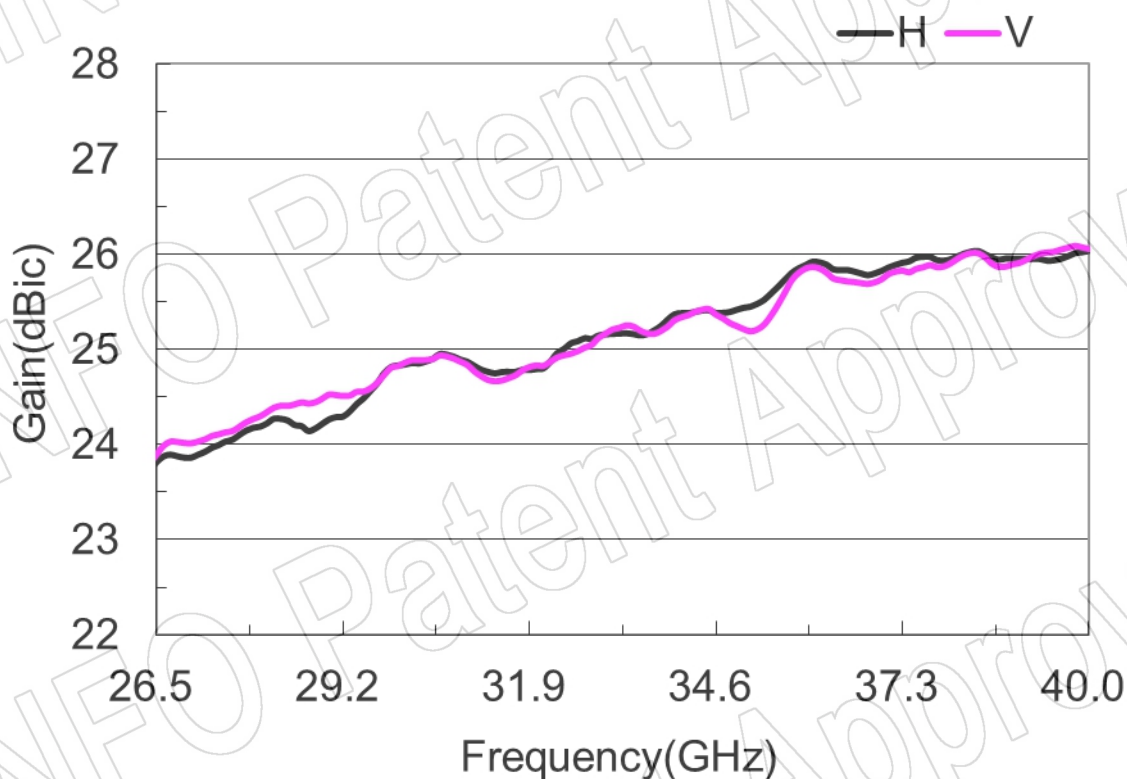
(+86) 10-6266-7327
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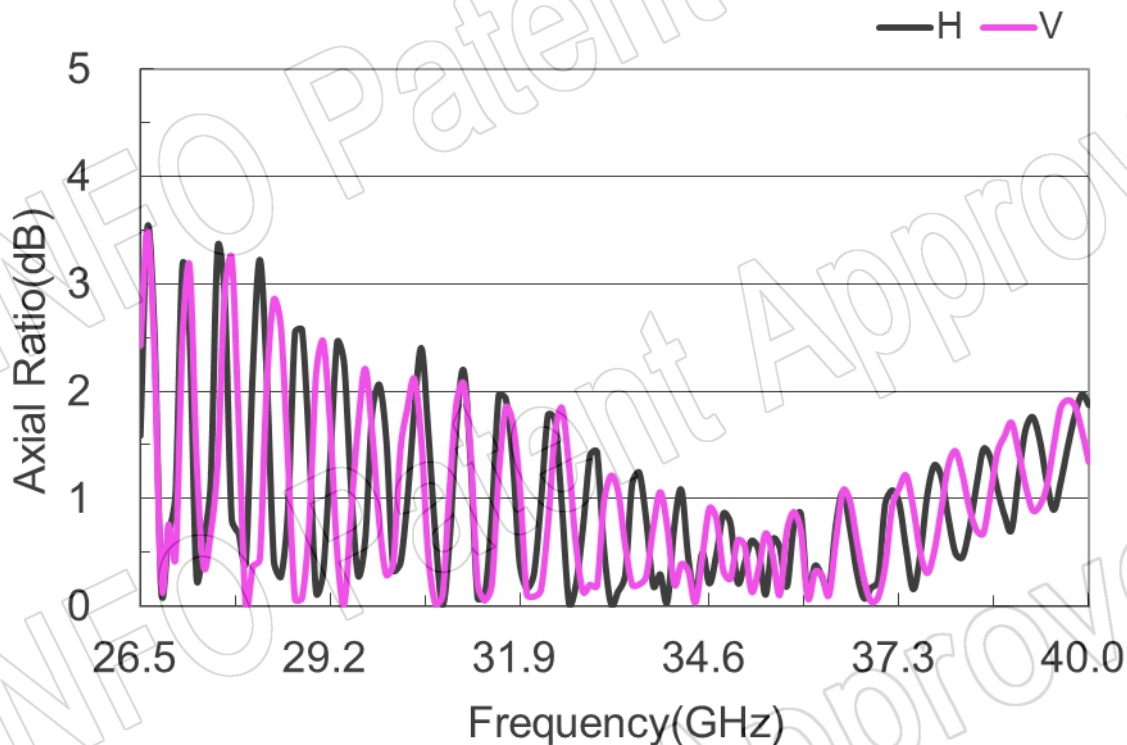
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Test Results

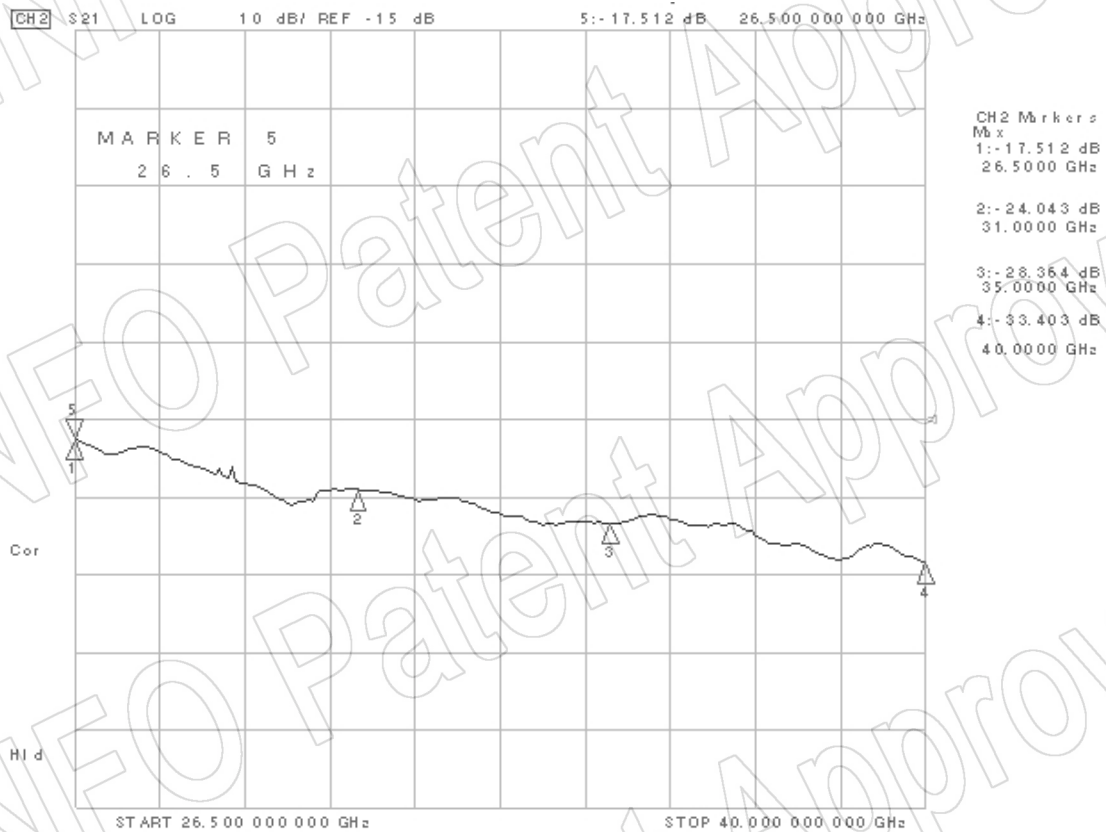
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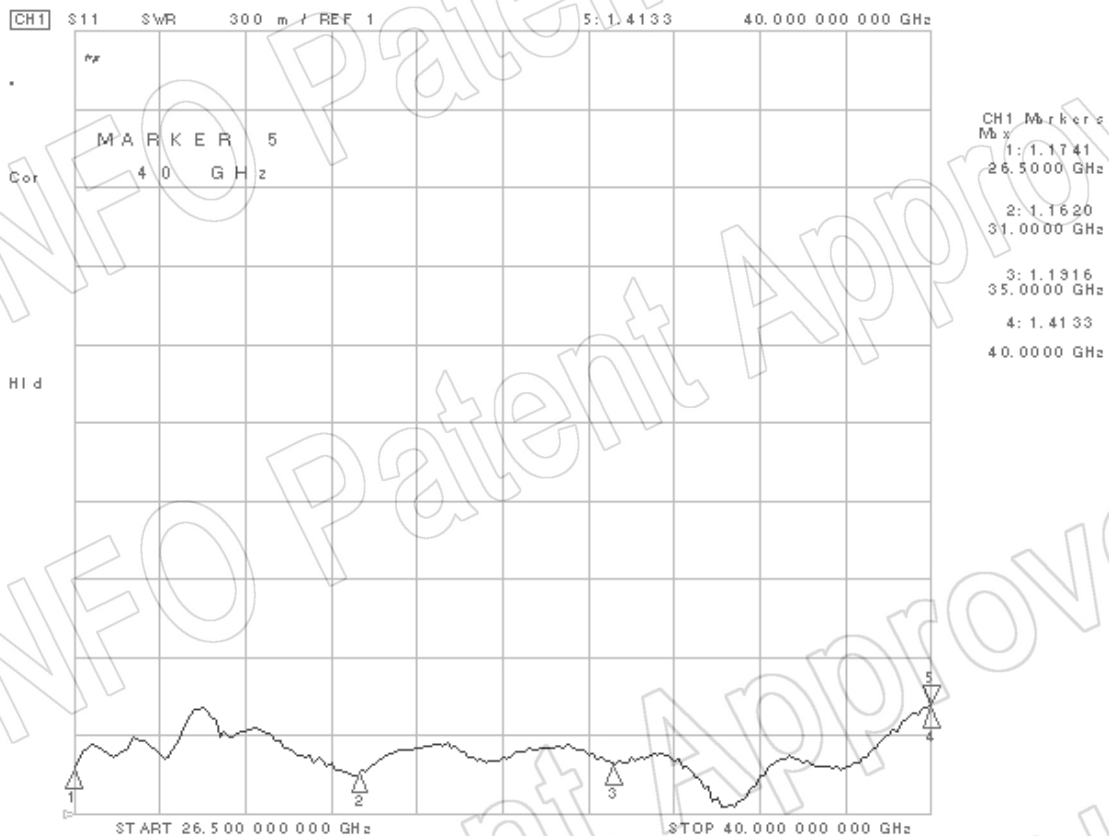
2. Axial Ratio



3. Port to Port Isolation



4. VSWR_A Type Port-H



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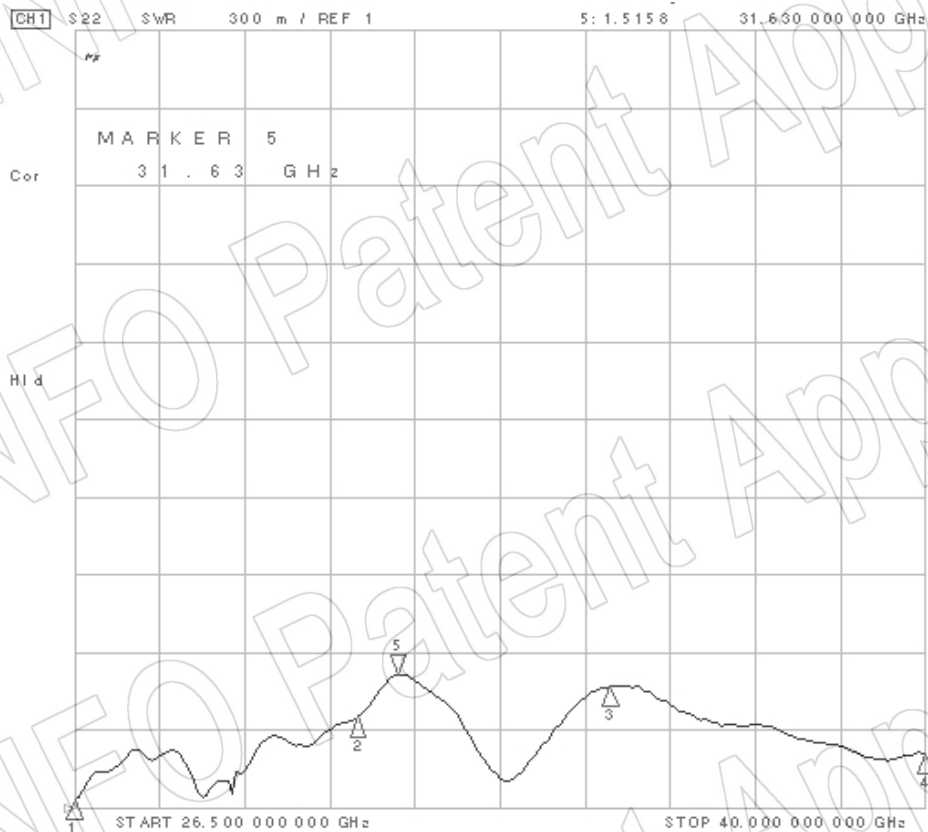
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Port-V

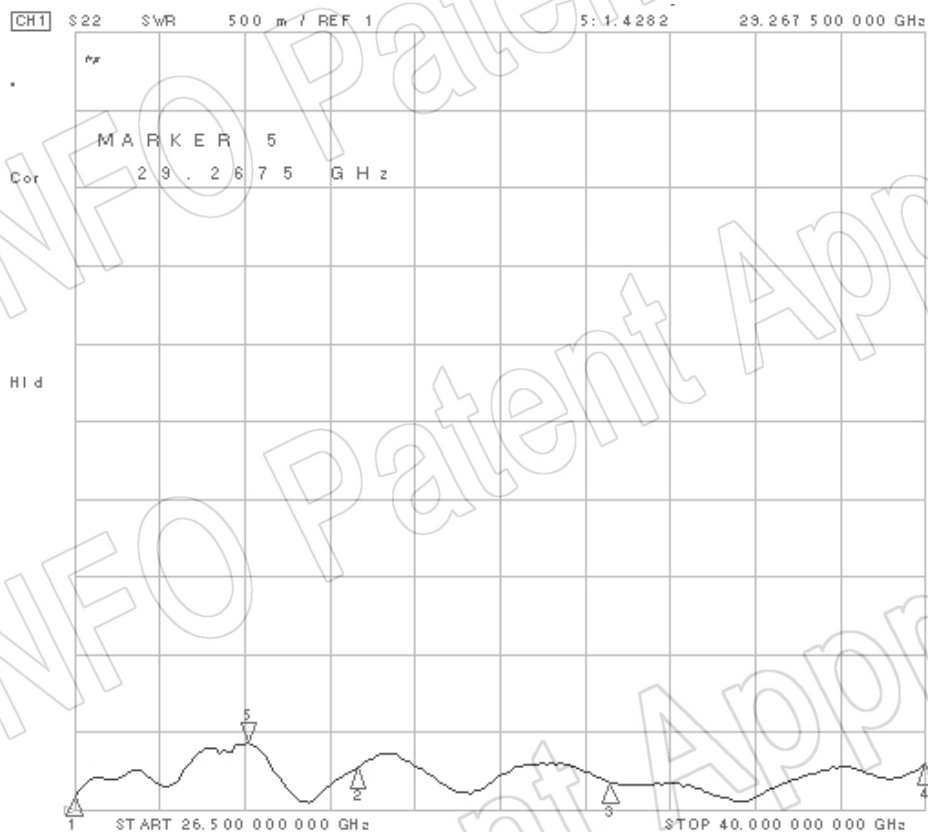


CH1 Markers

Marker	Frequency (GHz)	SWR
1	26.5000	1.0364
2	31.0000	1.3566
3	35.0000	1.4740
4	40.0000	1.2144

VSWR_C Type

Port-H



CH1 Markers

Marker	Frequency (GHz)	SWR
1	26.5000	1.0362
2	31.0000	1.2736
3	35.0000	1.1803
4	40.0000	1.3013

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China(Chengdu):
USA :

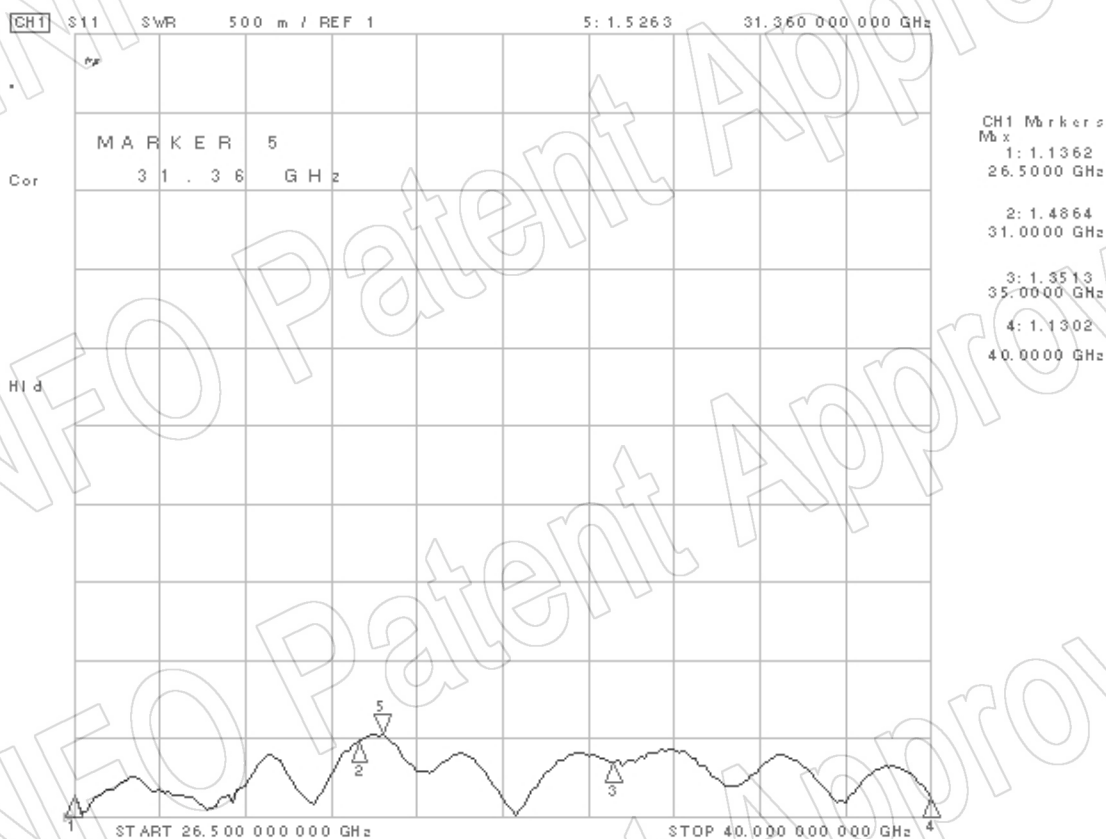
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Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

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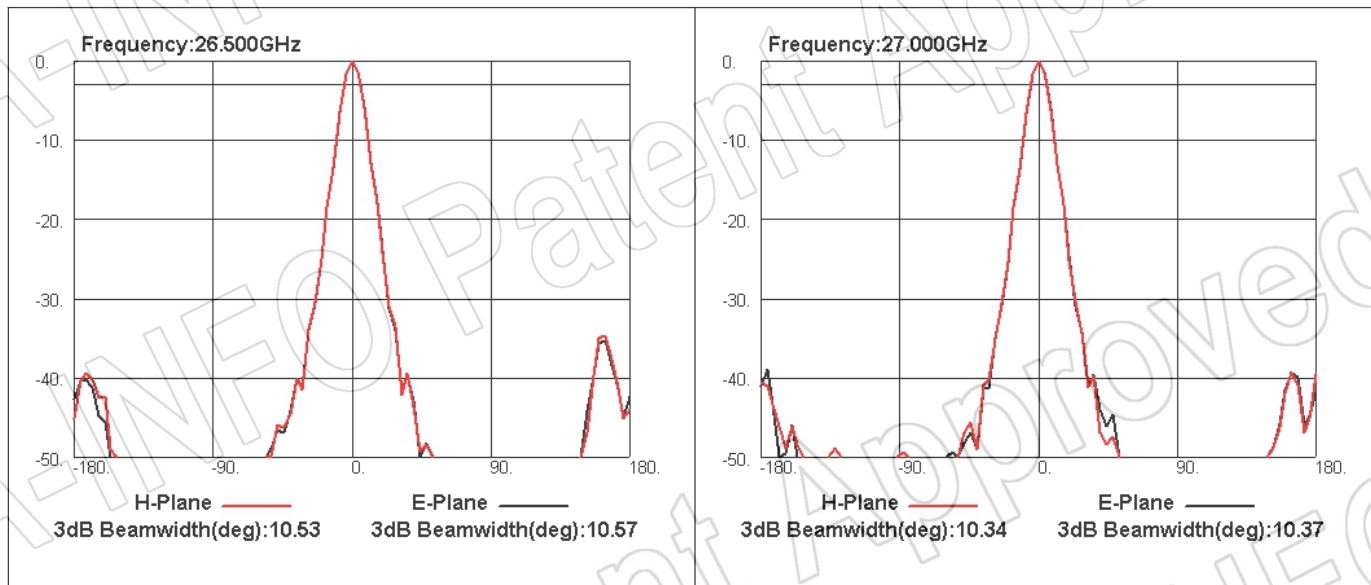
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Port-V



5. Pattern

Port-H



AINFO Inc.

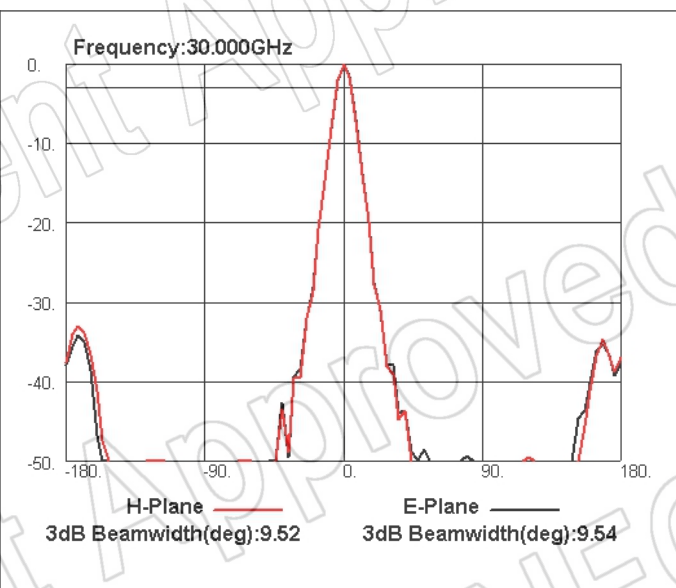
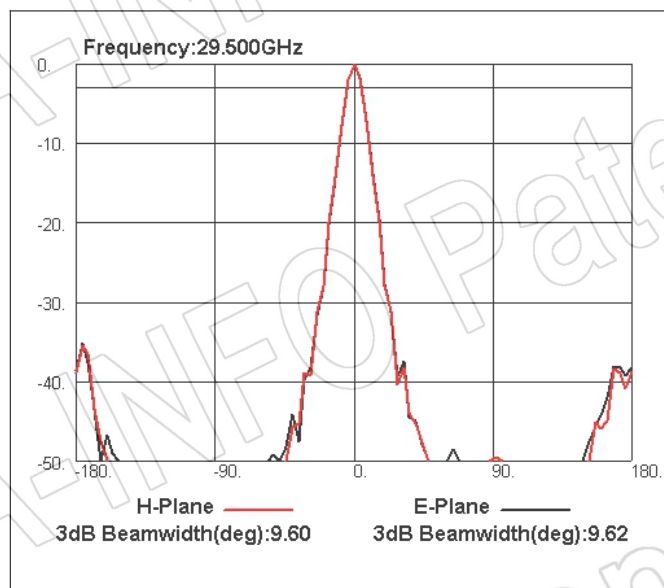
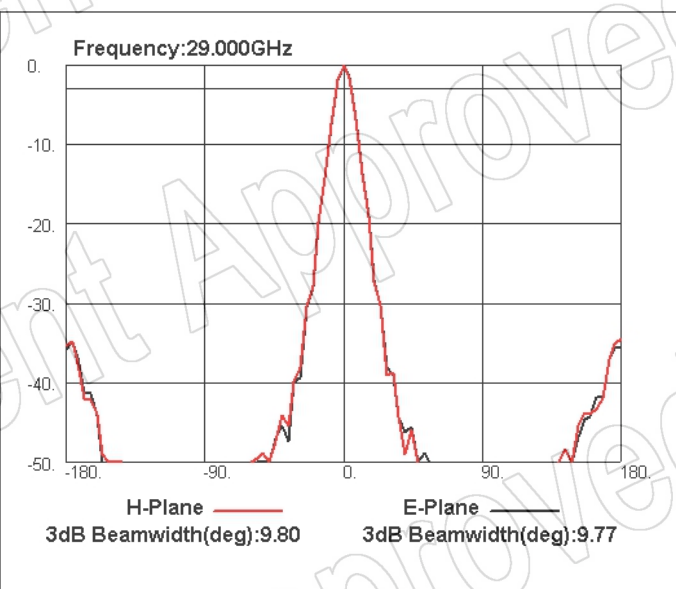
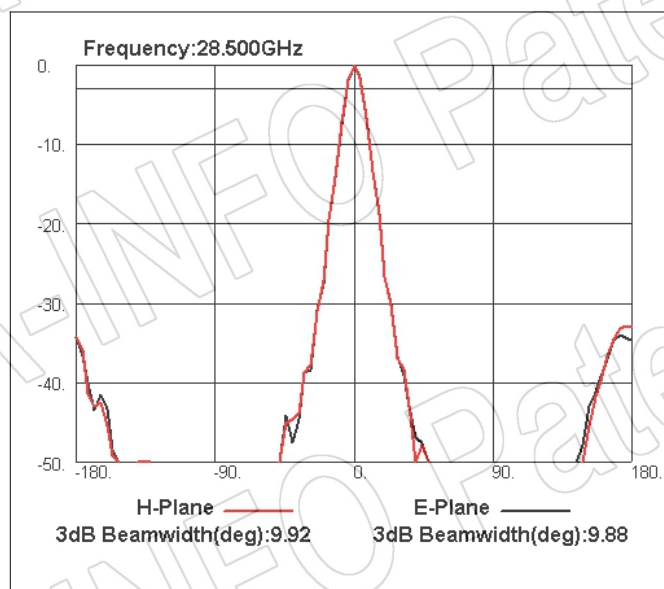
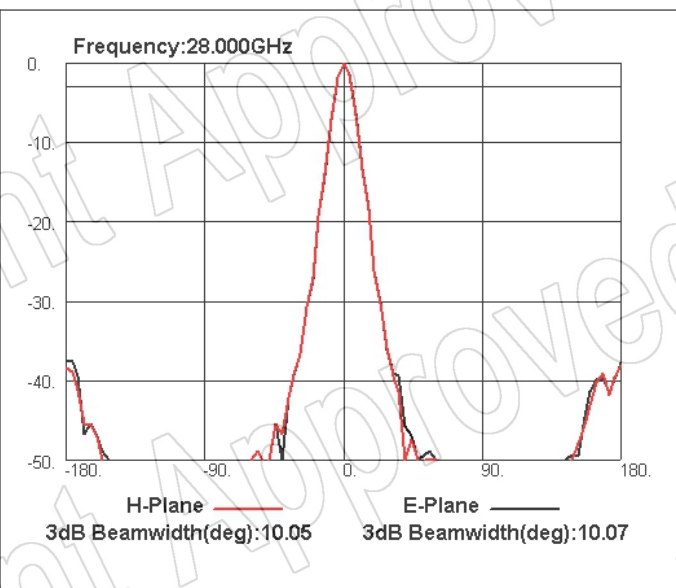
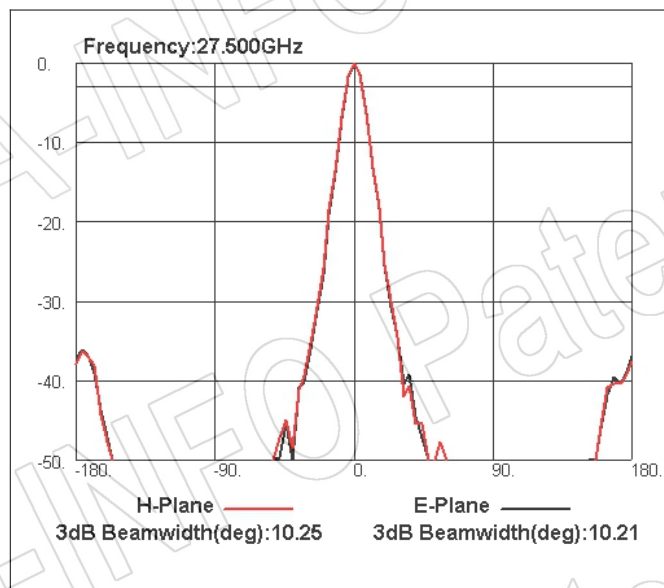
China(Beijing):
China(Chengdu):
USA :

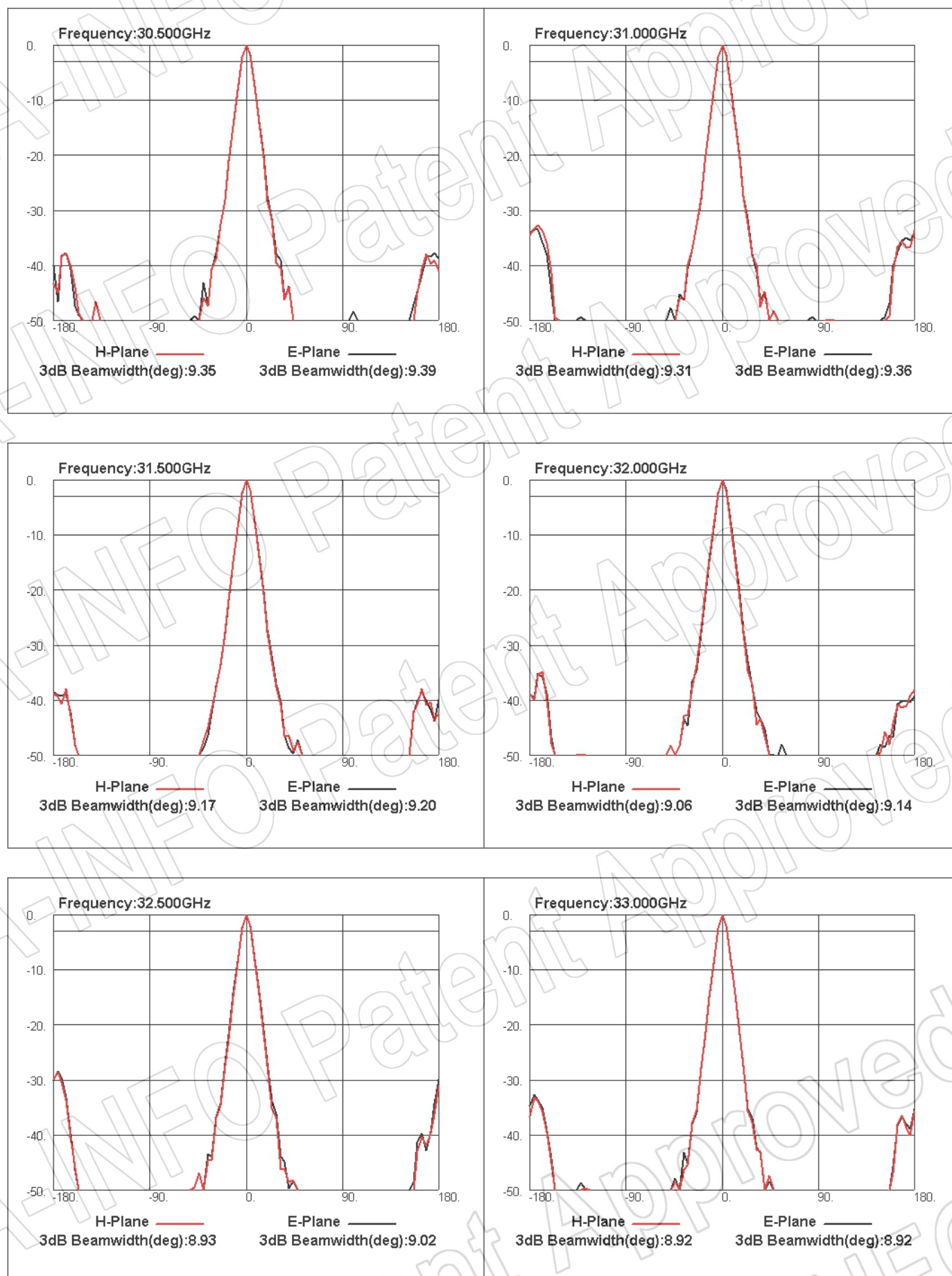
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

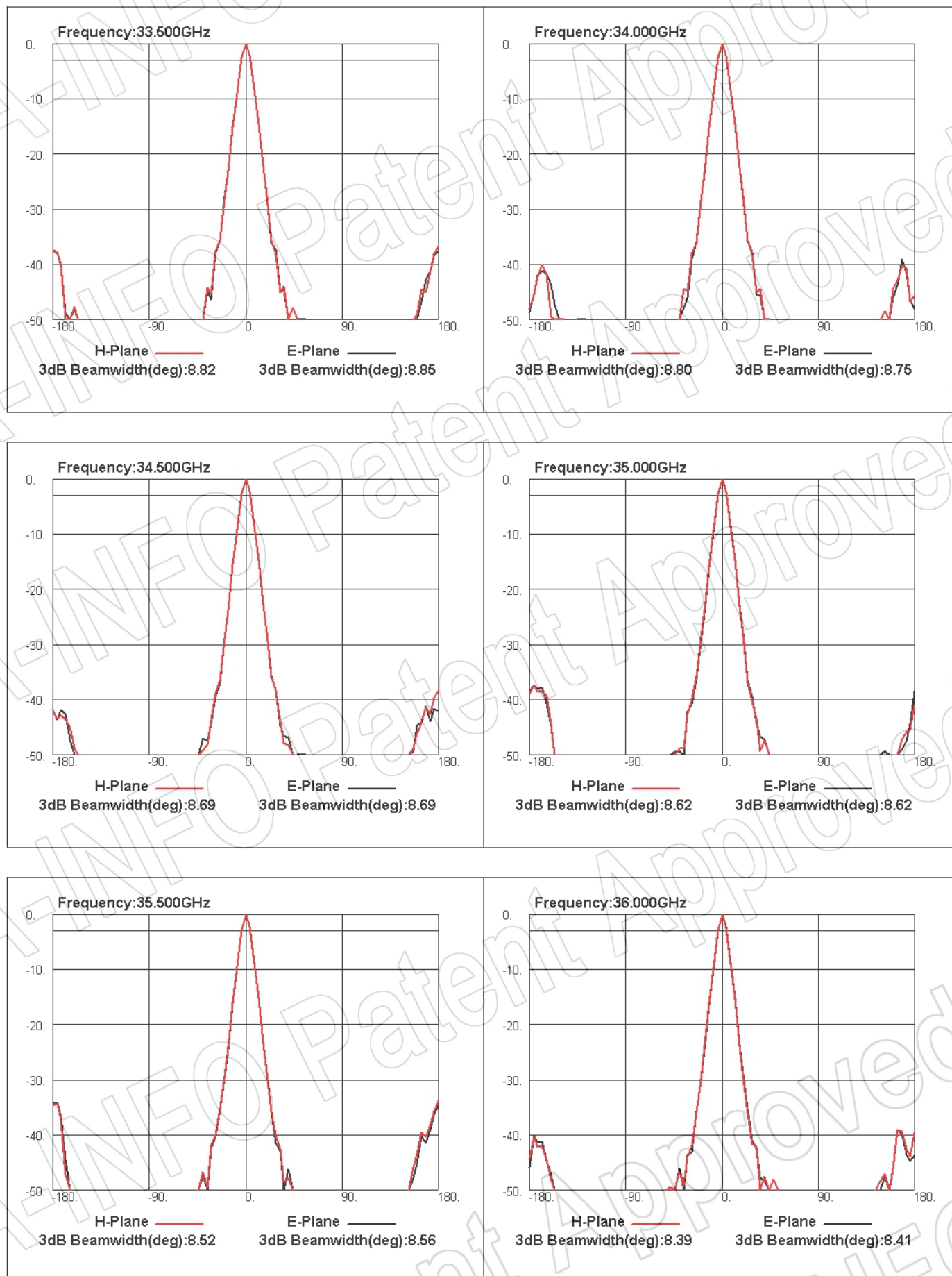
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

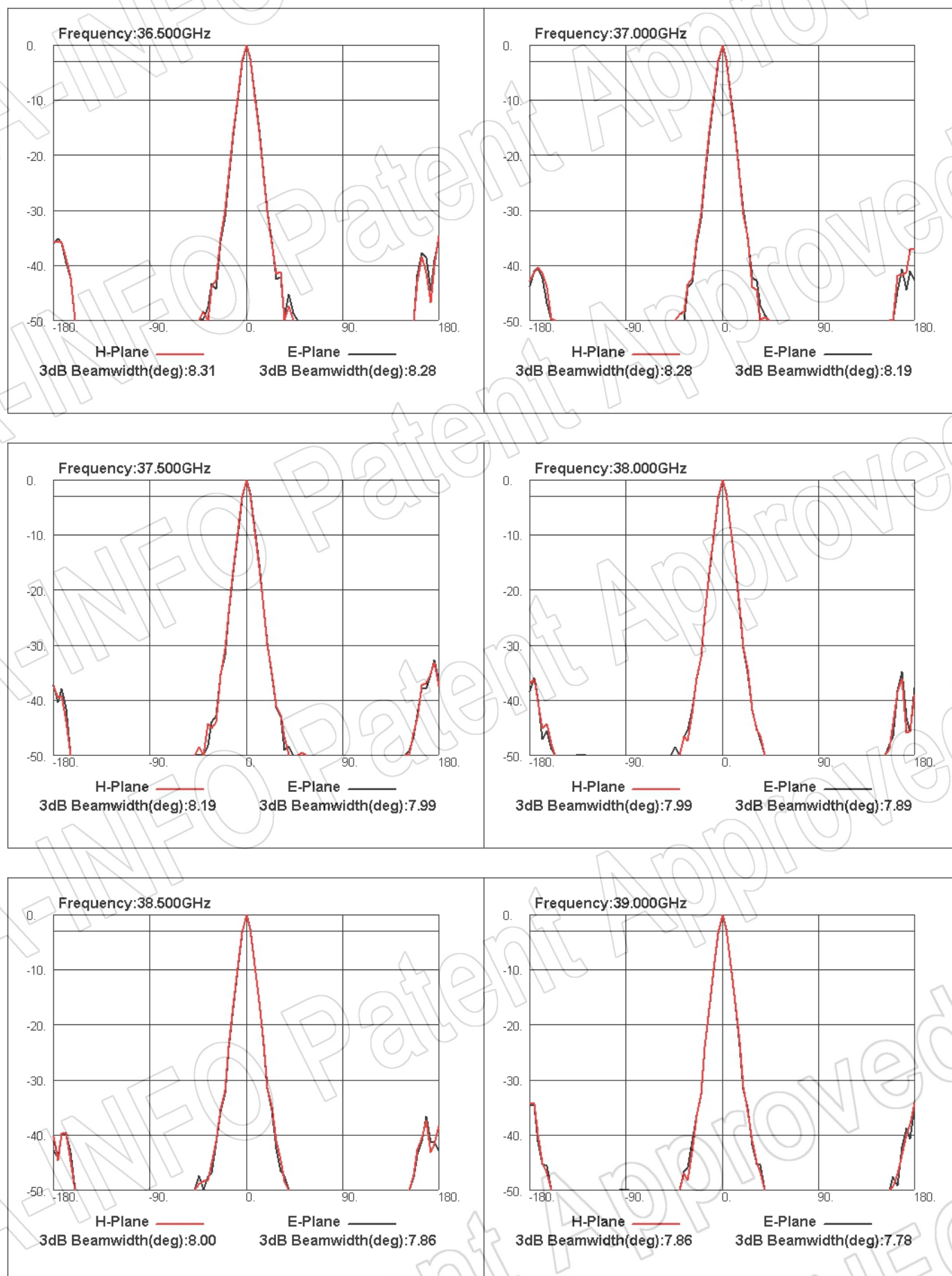
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

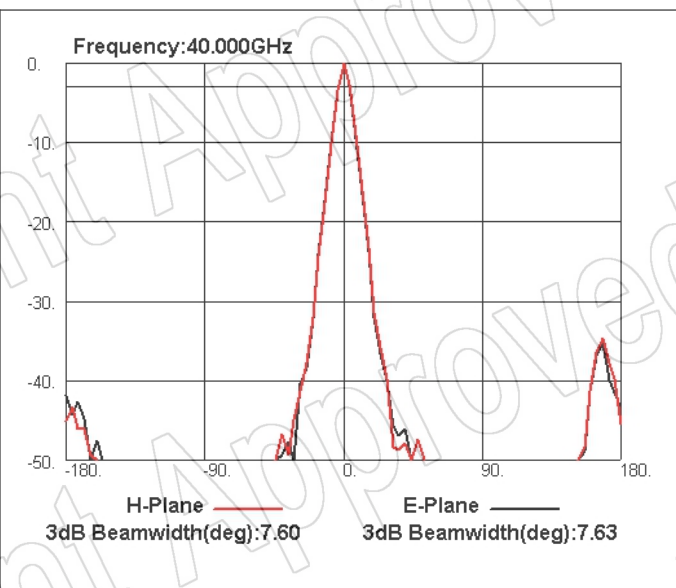
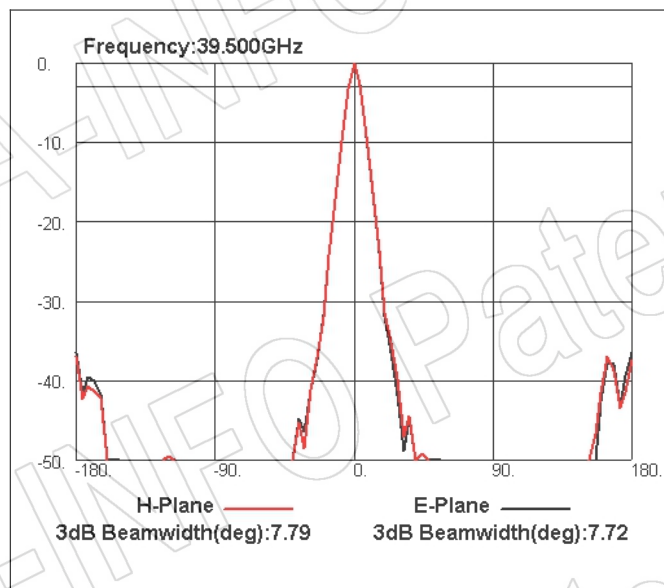
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Port-V

