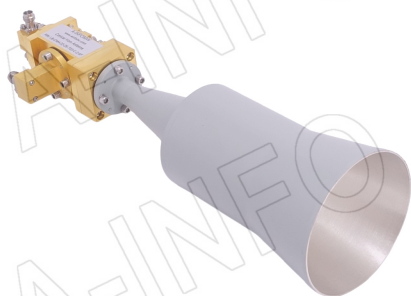


For reference only. See data sheet for the detailed specifications.

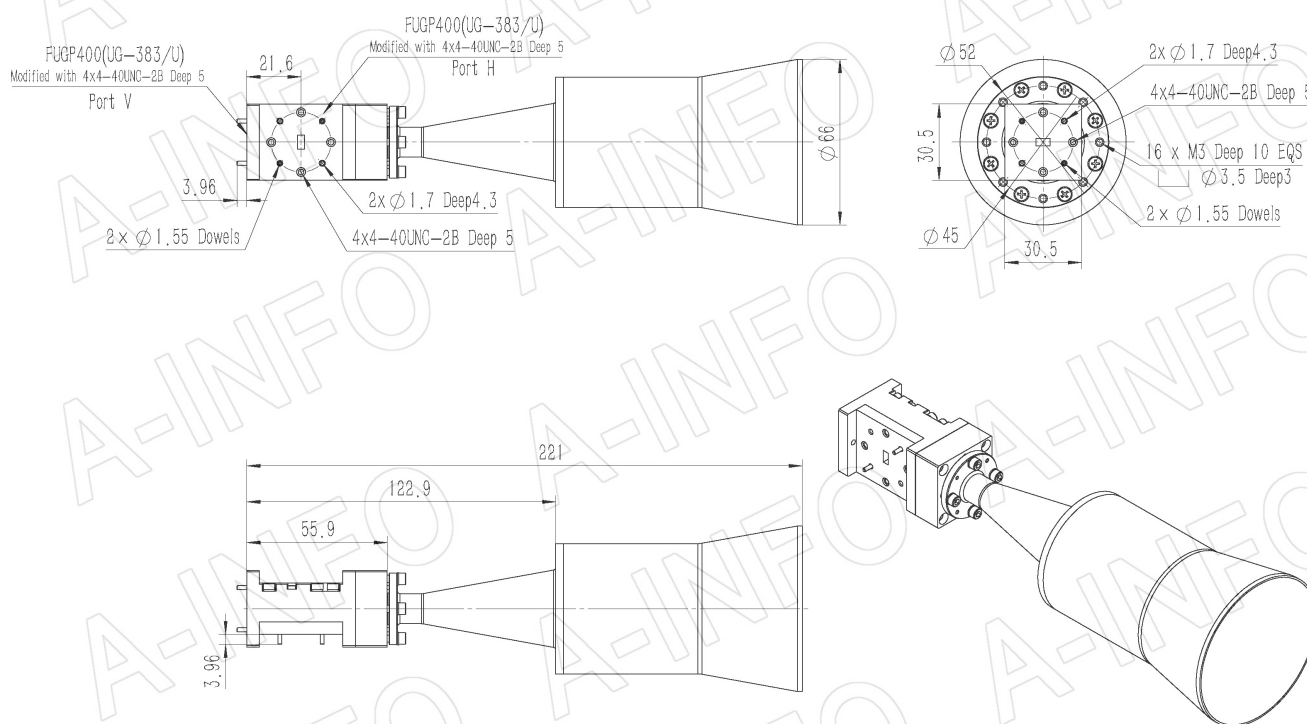
Technical Specification



Frequency Range(GHz)	33.0 – 50.0
Waveguide	WR22
Gain(dBi)	25 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 8 Typ.
	H Plane: 9 Typ.
Cross Pol. Isolation(dB)	40 Typ.
Port to Port Isolation(dB)	50 Typ. ; 40 Min.
VSWR	A Type: 1.50:1 Max.
	C Type: 1.80:1 Max.
Output	A Type: FUGP400(UG-383/U)
	C Type: 2.4mm-Female
Material	Al
Finish	Gold Plated and Silver Plated, Gray Paint
Size(mm)	A Type: 66 x 66 x 221
	C Type: 67.3 x 66 x 245
Net Weight(Kg)	A Type: 0.51 Around
	C Type: 0.60 Around

Outline Drawing (Size: mm)

FUGP400 Output (P/N: LB-CN-22-25-T02-A)



AINFO Inc.

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

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

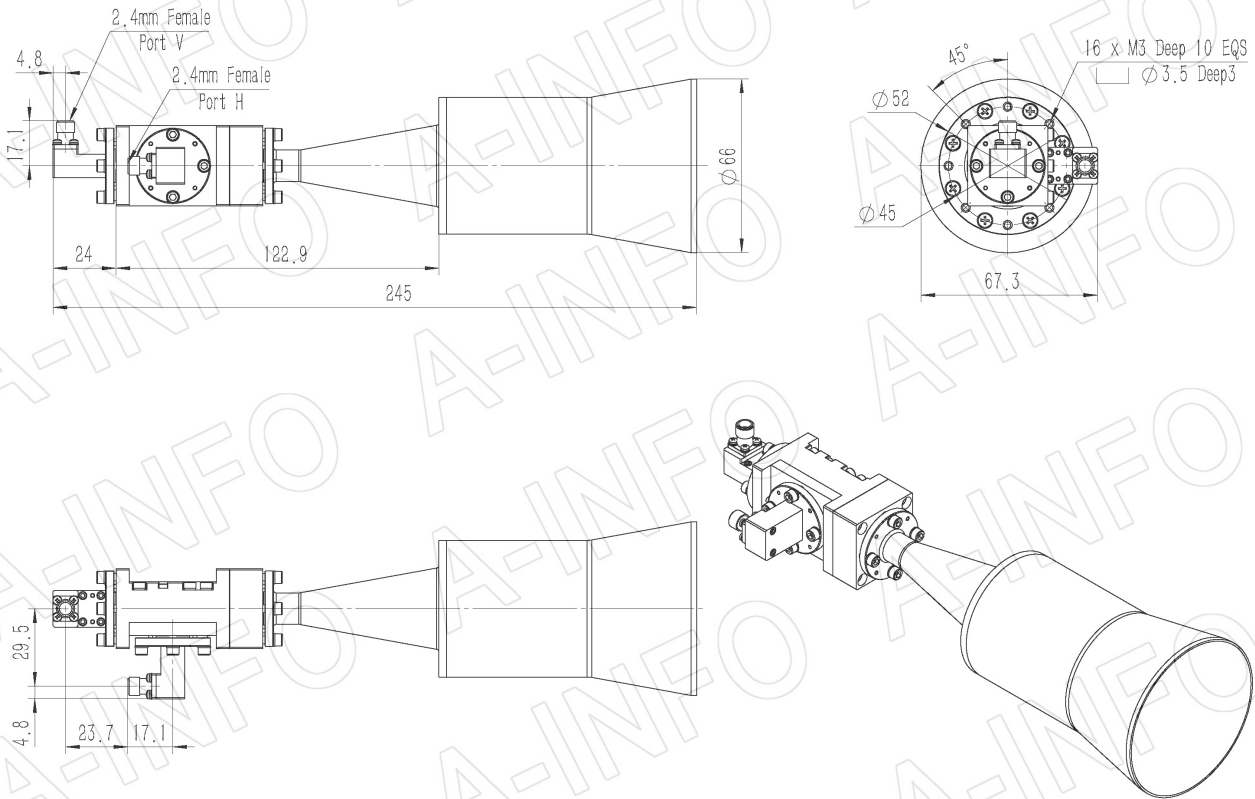
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Page 1 of 12

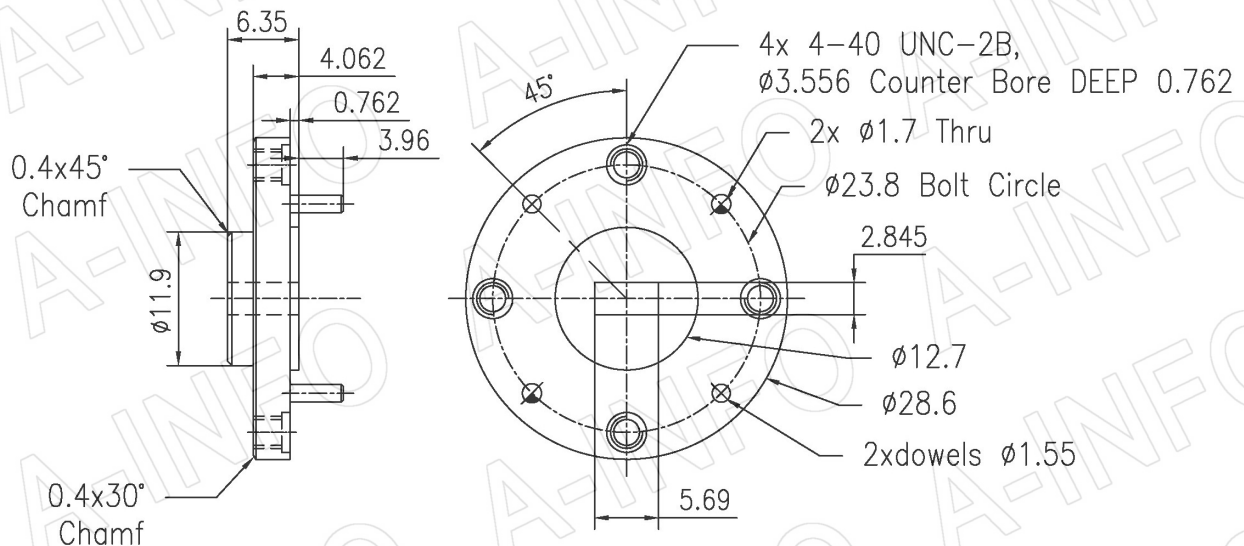
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

2.4mm-Female Output (P/N: LB-CNH-22-25-T02-C-2.4F)



Flange Drawing (Size: mm)



FUGP400
(equivalent to UG-383/U)

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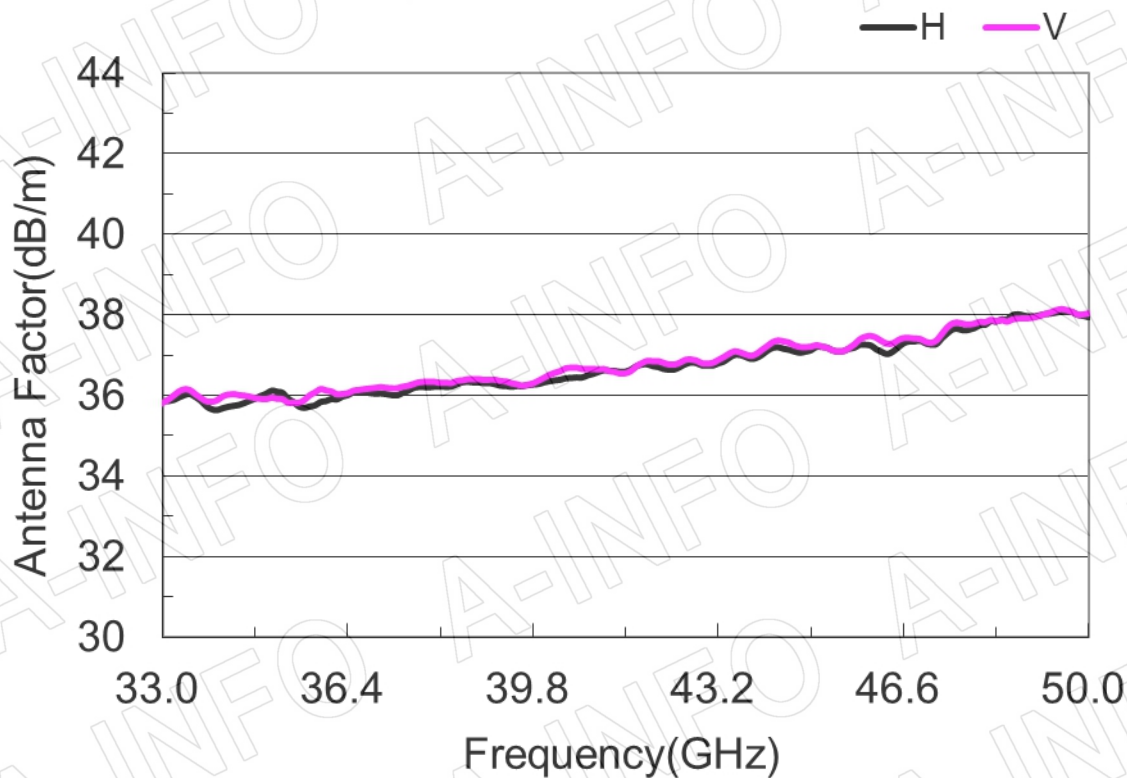
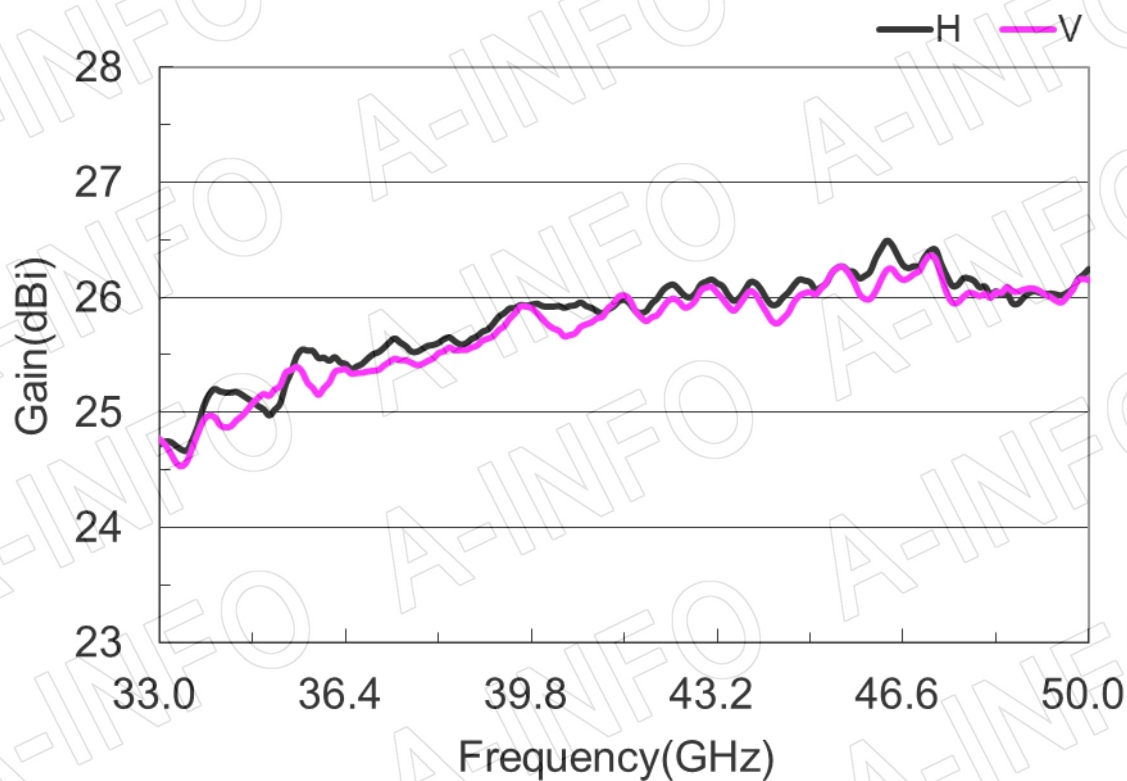
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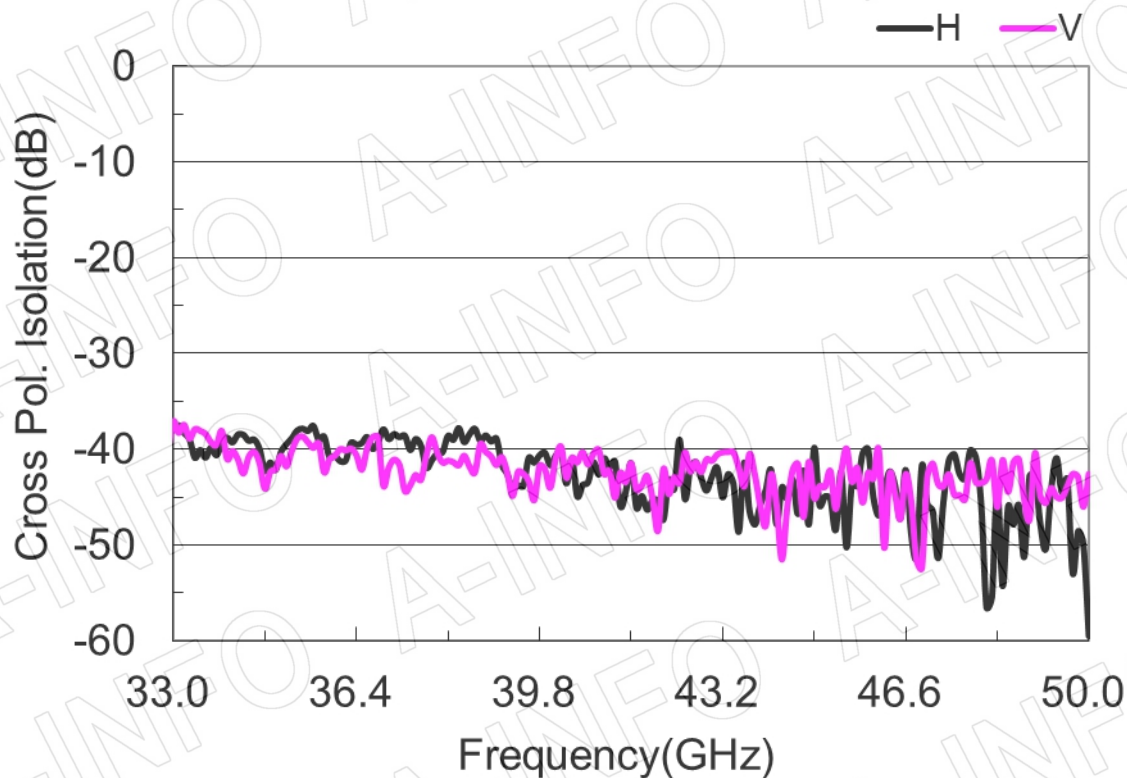
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Test Results

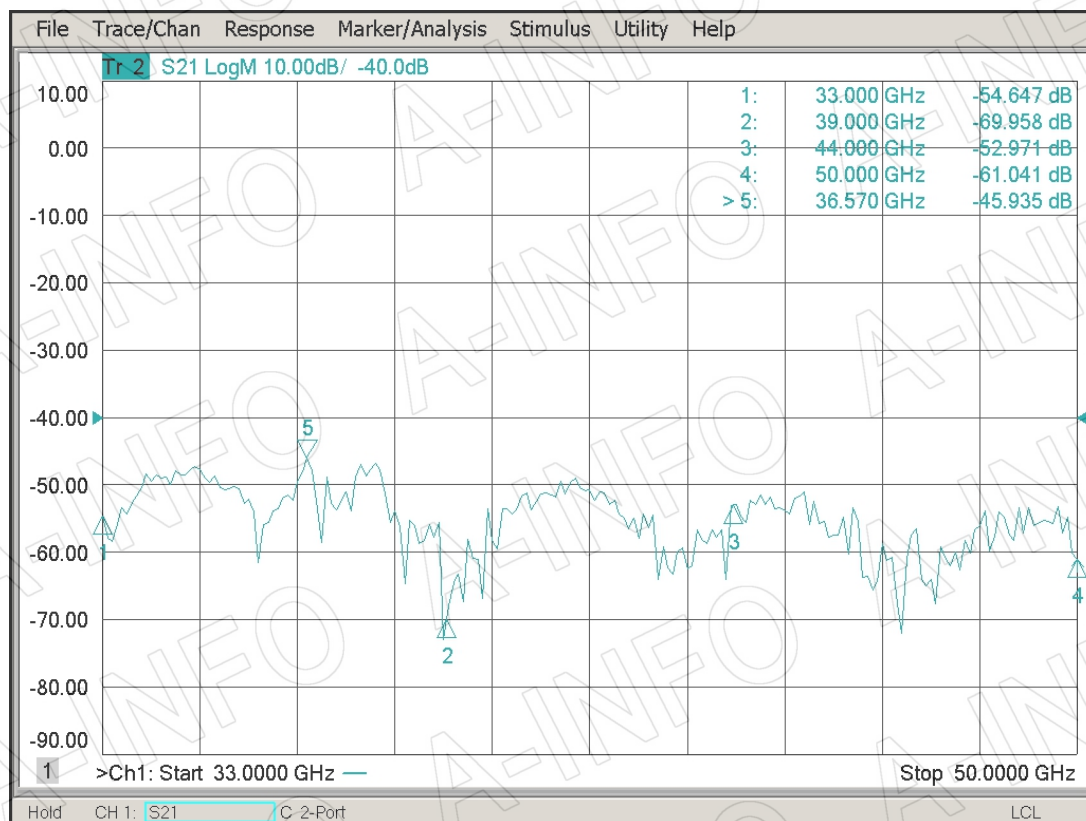
1. Gain & Antenna Factor



2. Cross Polarization Isolation

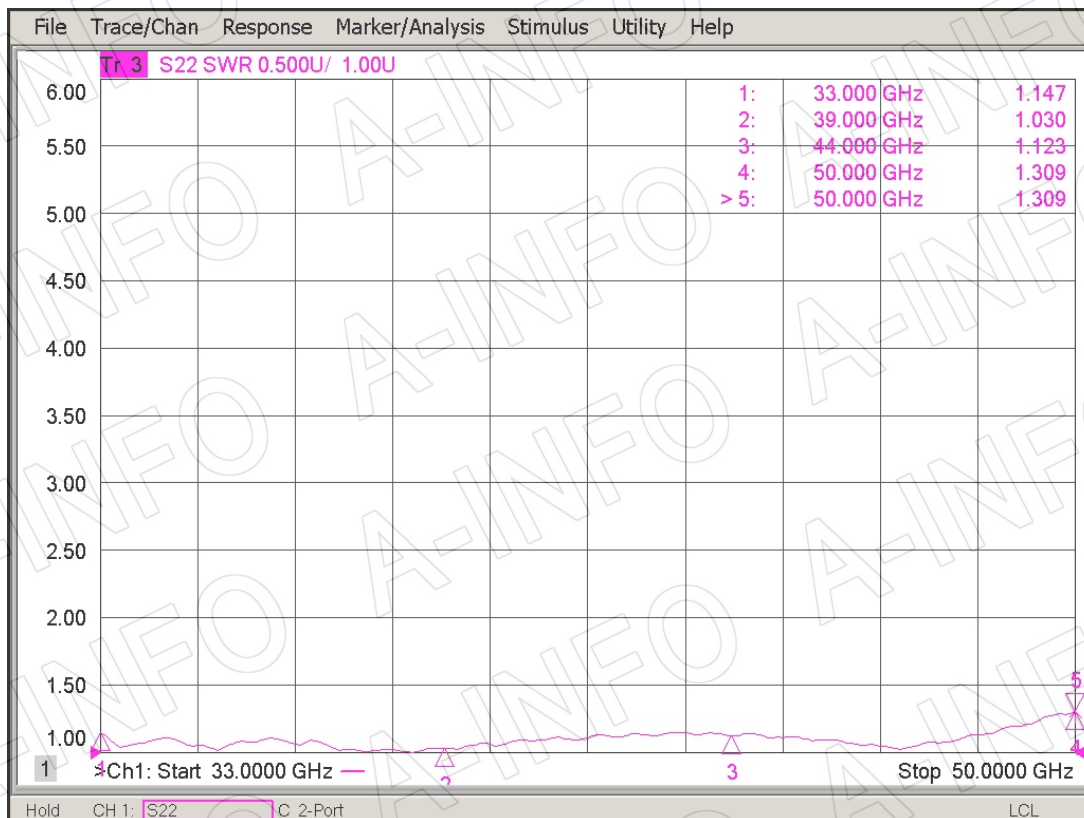


3. Port to Port Isolation

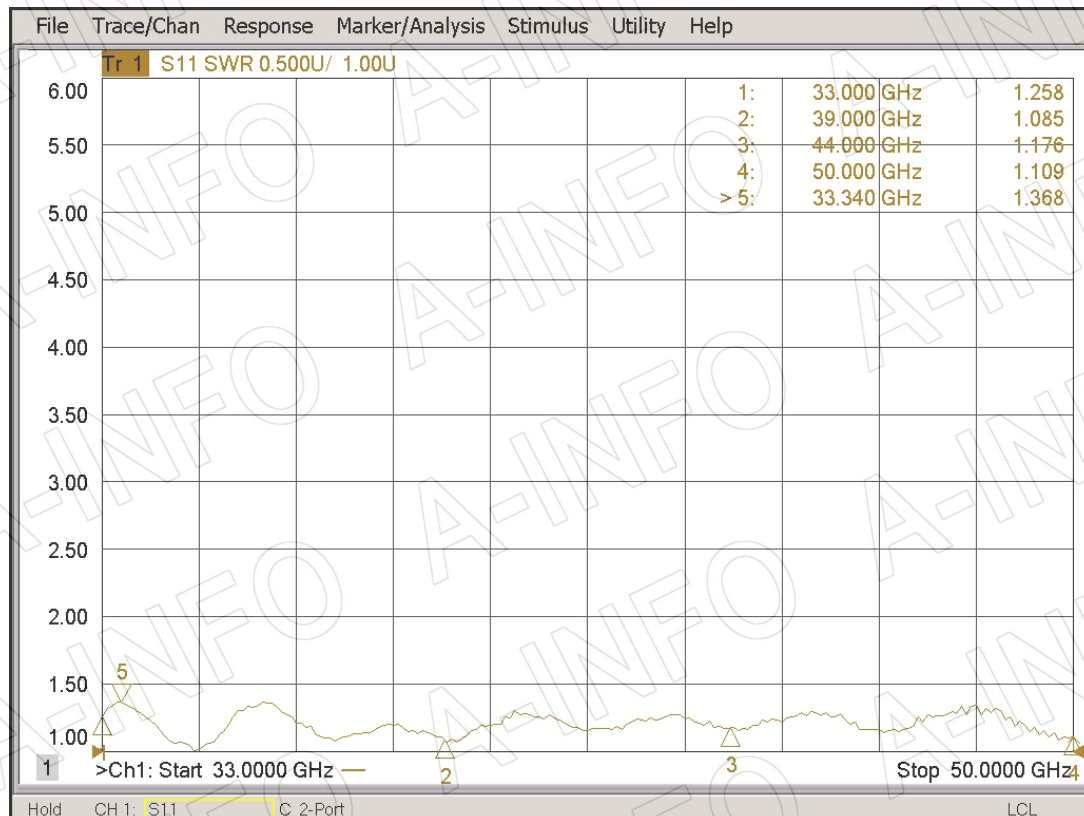


4. VSWR_A Type

Port-H



Port-V



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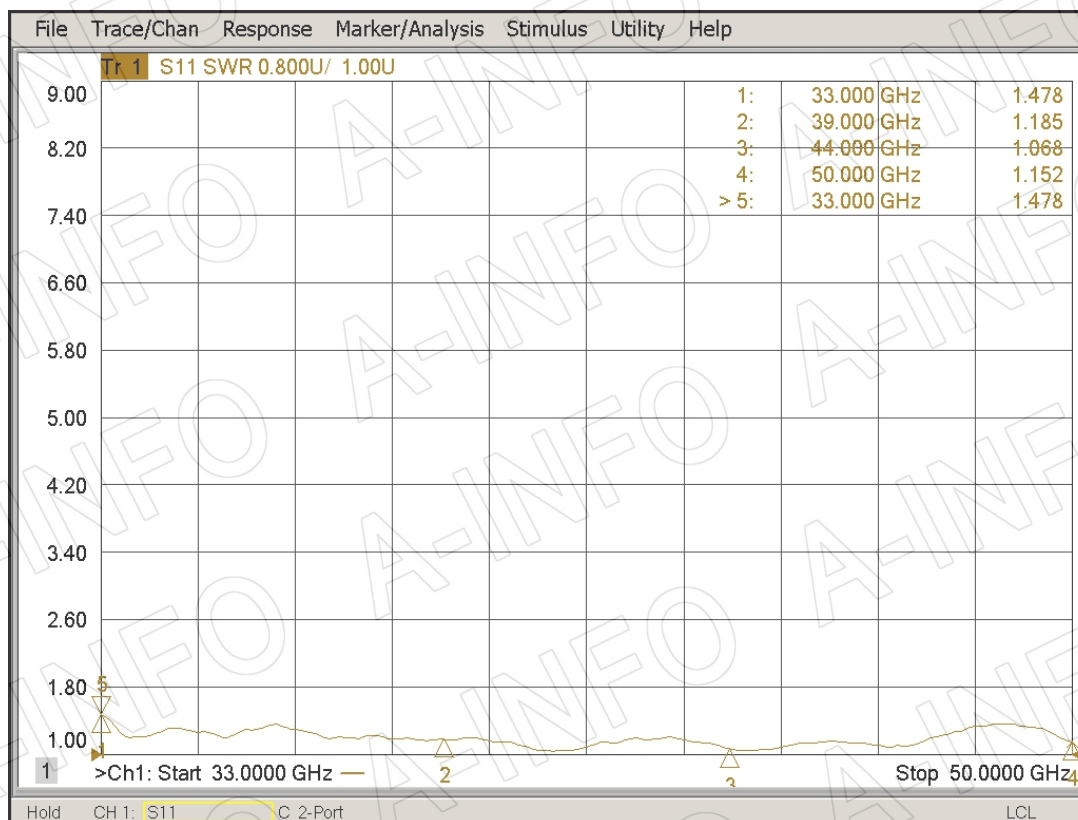
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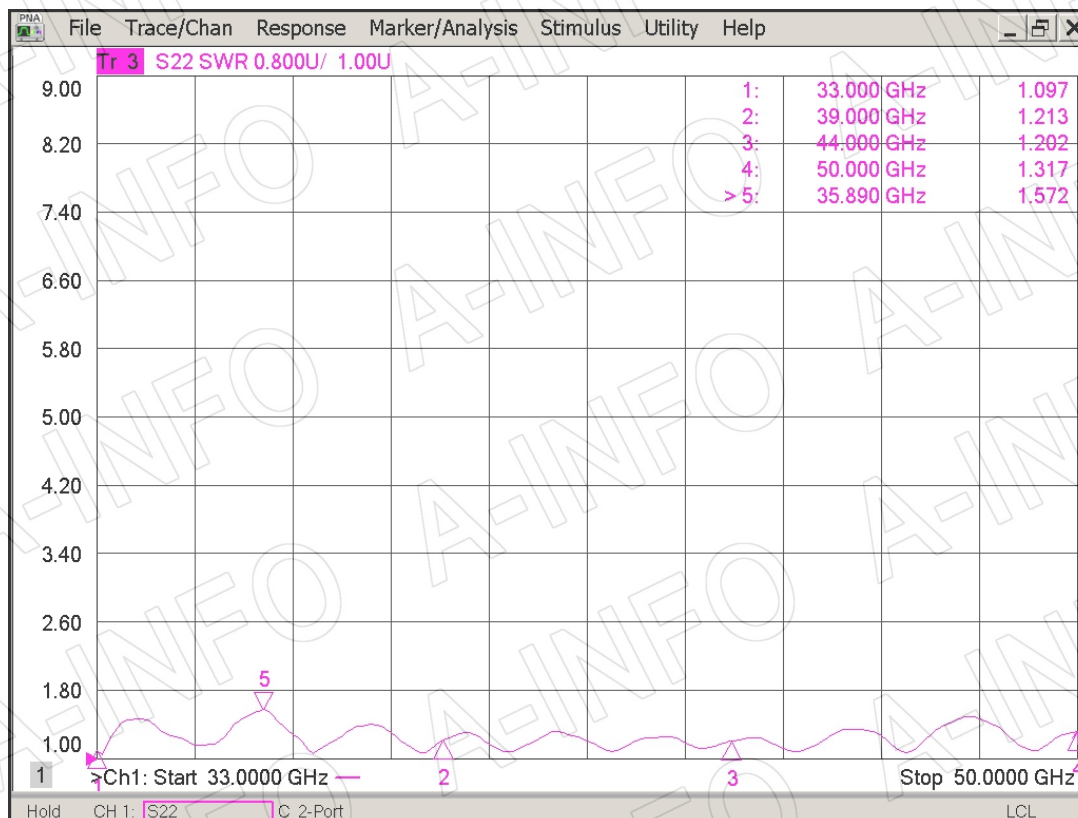
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VSWR_C Type

Port-H



Port-V



AINFO Inc.

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USA :

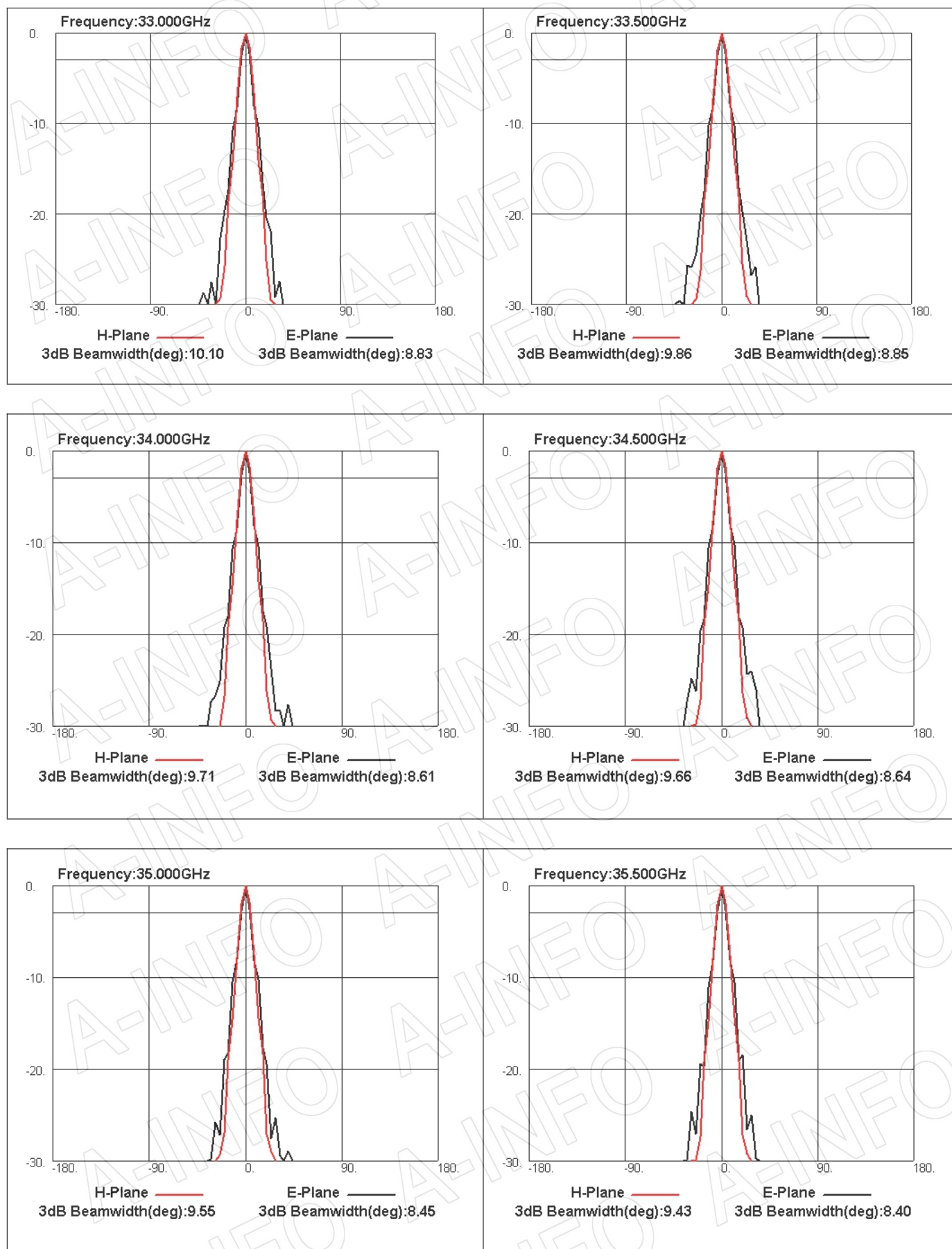
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5. Pattern



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