

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

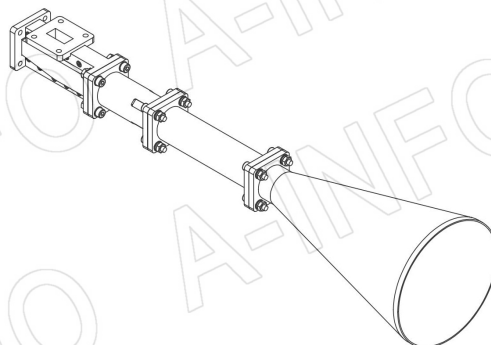
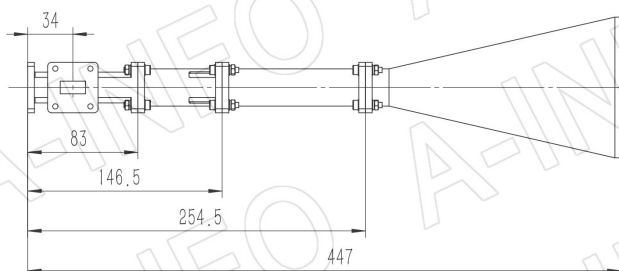
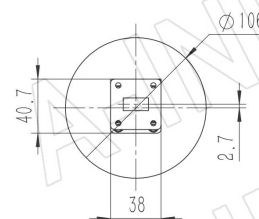
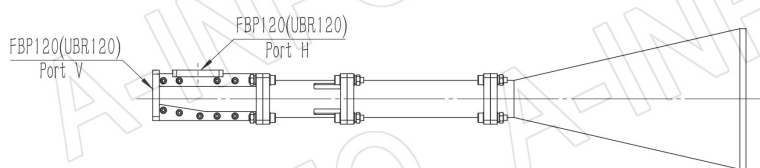
Technical Specification



Frequency Range(GHz)	11.0 – 14.0
Waveguide	WR75
Gain(dBic)	20 Typ.
Polarization	Dual Circular
Axial Ratio	1.5 Typ. ; 2.5 Max.
3dB Beamwidth(deg)	E Plane: 15 Typ.
	H Plane: 15 Typ.
Port to Port Isolation(dB)	35 Typ. ; 25 Min.
VSWR	A Type: 1.50:1 Max.
	C Type: 1.60:1 Max.
Output	A Type: FBP120(UBR120)
	C Type: SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 106 x 106 x 447
	C Type: 106 x 106 x 477
Net Weight(Kg)	A Type: 0.59 Around
	C Type: 0.70 Around

Outline Drawing (Size: mm)

FBP120 Output (P/N: LB-CNH-75-20-D16-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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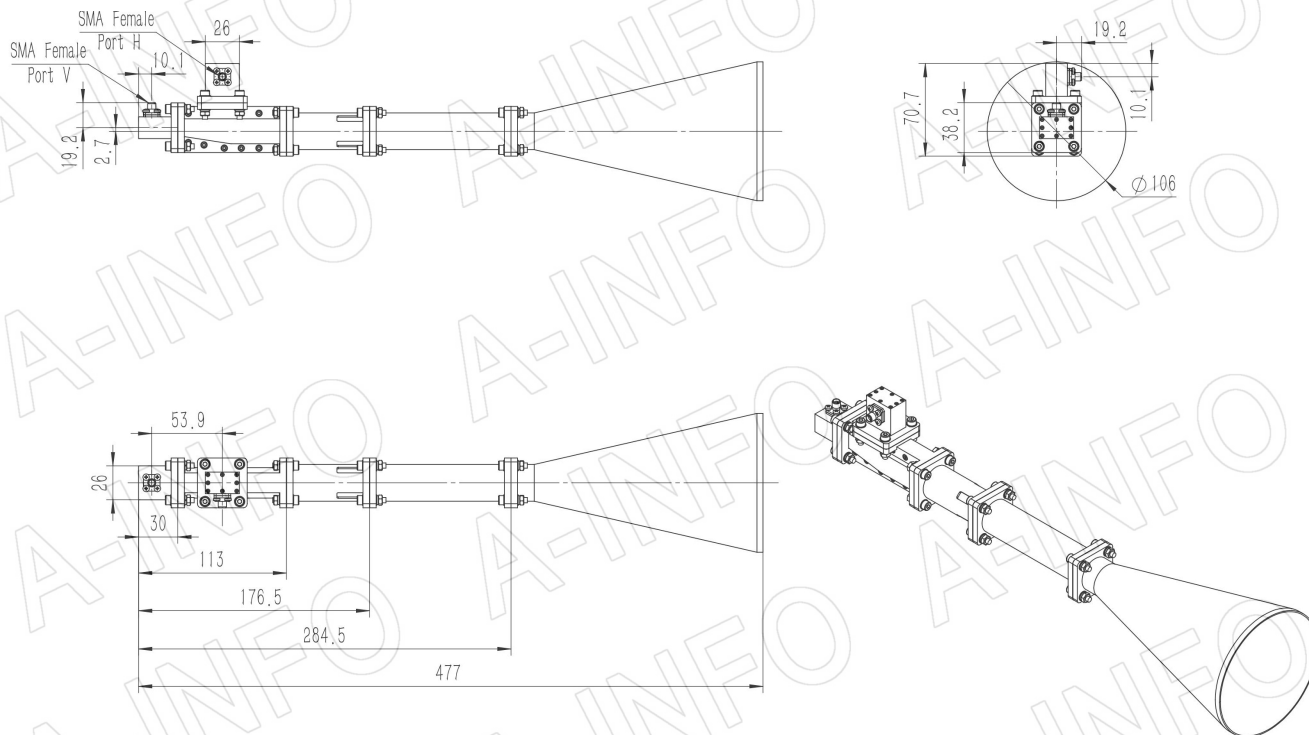
(+86) 10-6266-7327
(+86) 28-8519-3044
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Fax: (+86) 10-6266-7379
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

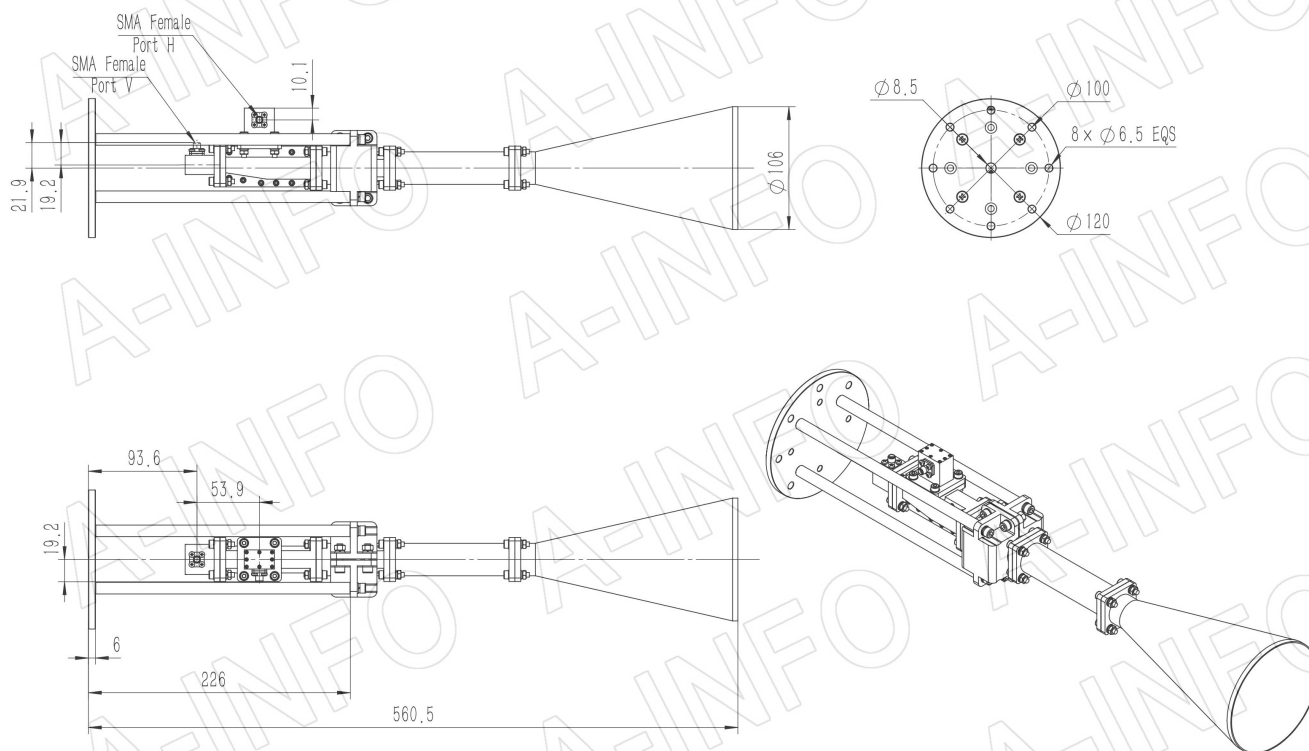
SMA-Female Output (P/N: LB-CN75-20-D16-C-SF)

For N-Female, TNC-Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



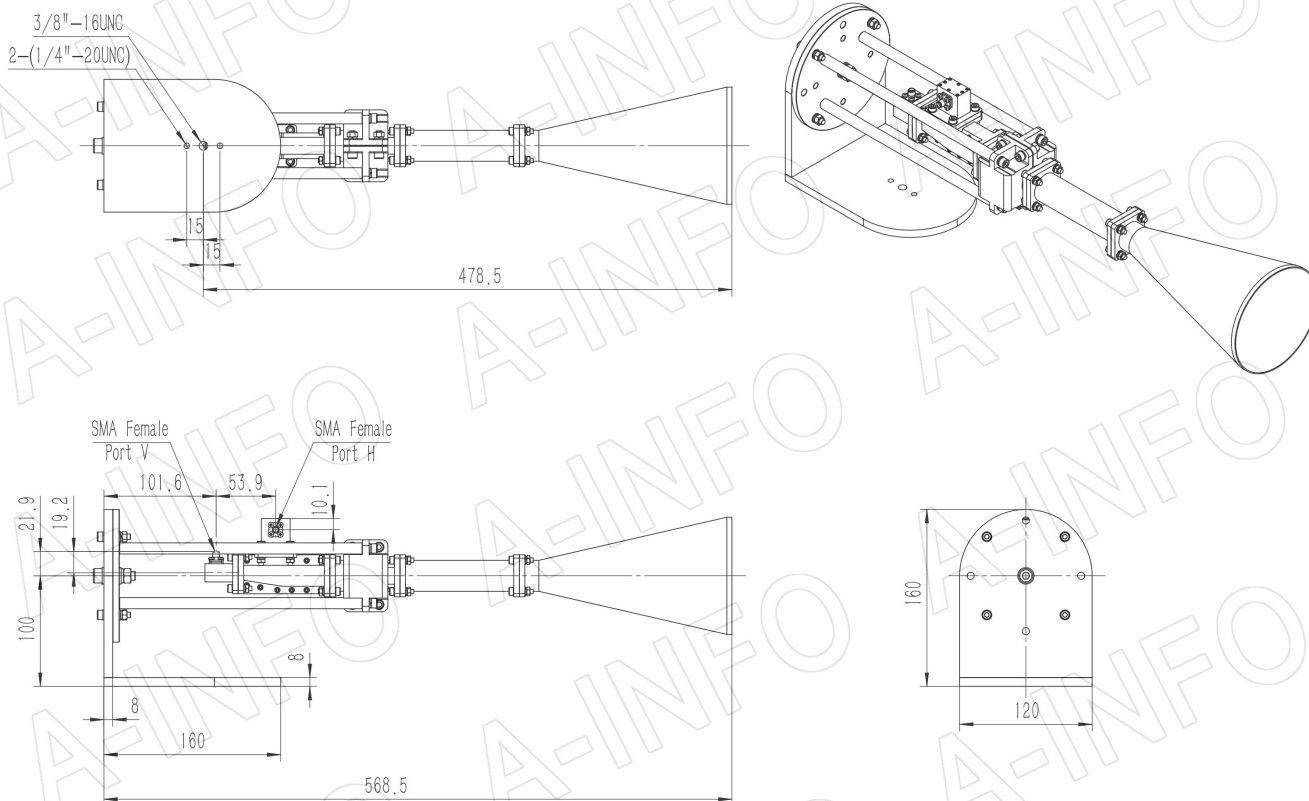
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CN75-10-MB)

For N-Female, TNC-Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

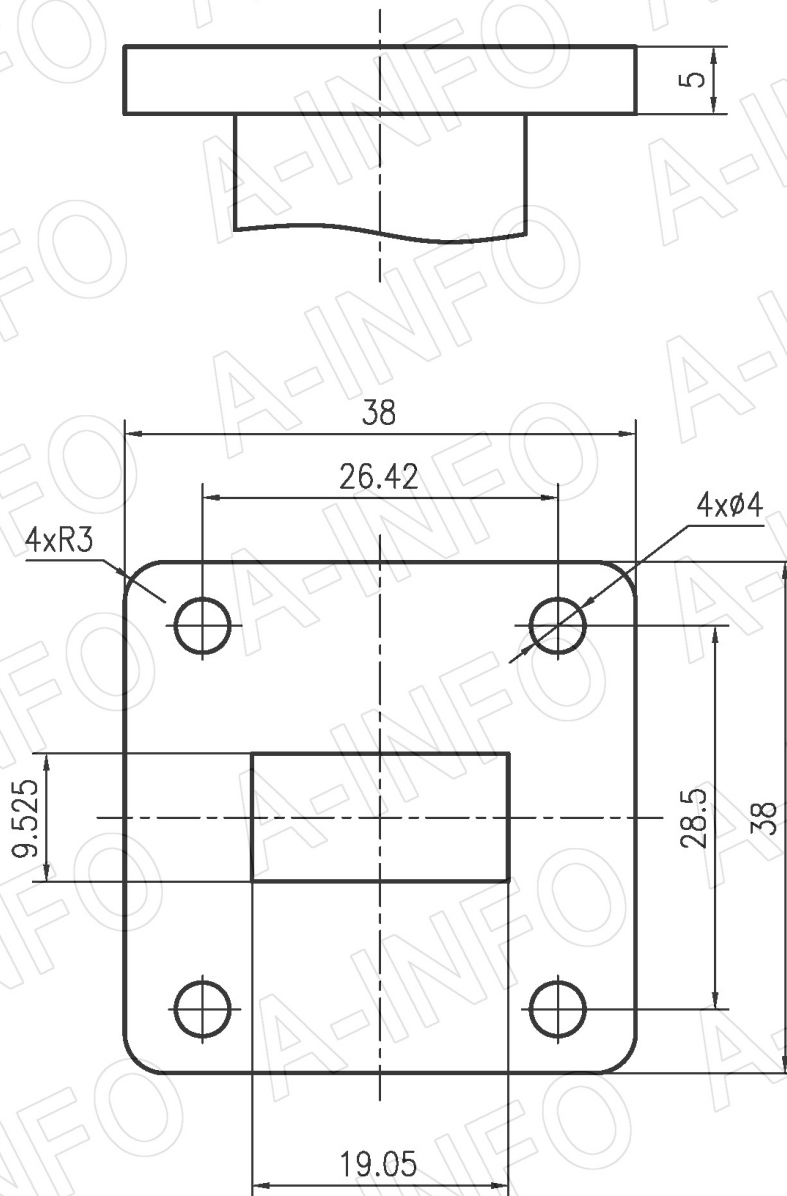


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-75-10-MBL)

For N-Female, TNC-Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FBP120

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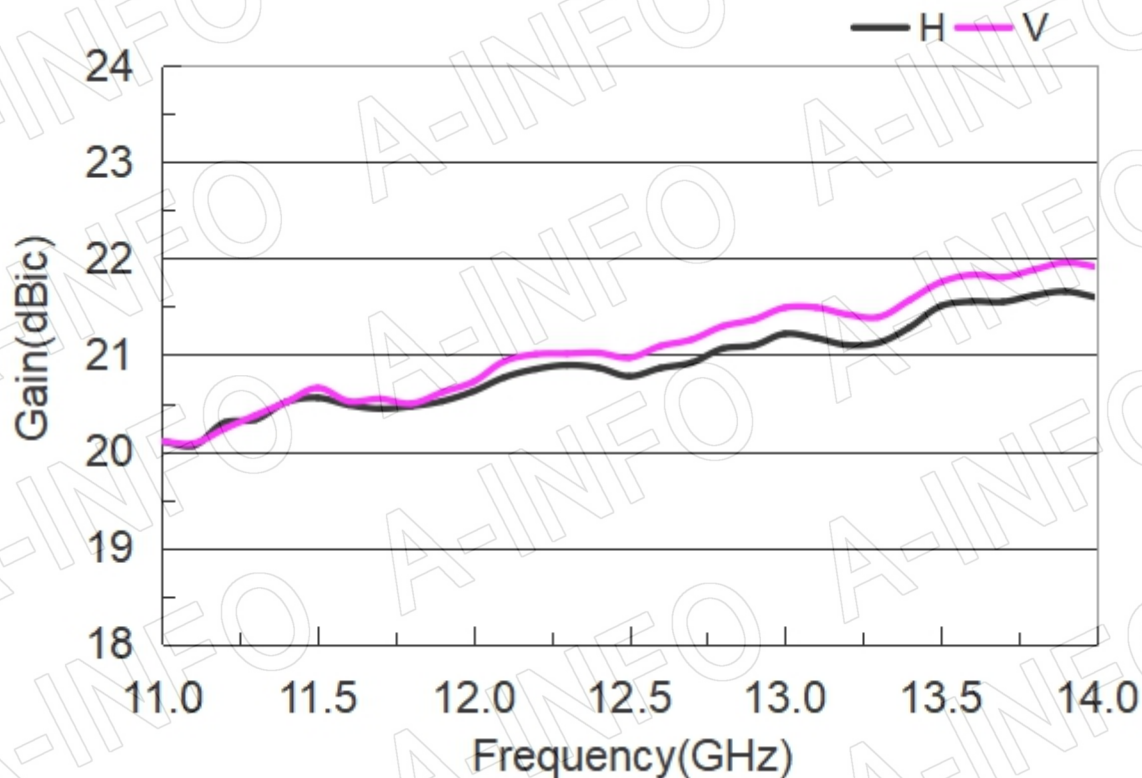
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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
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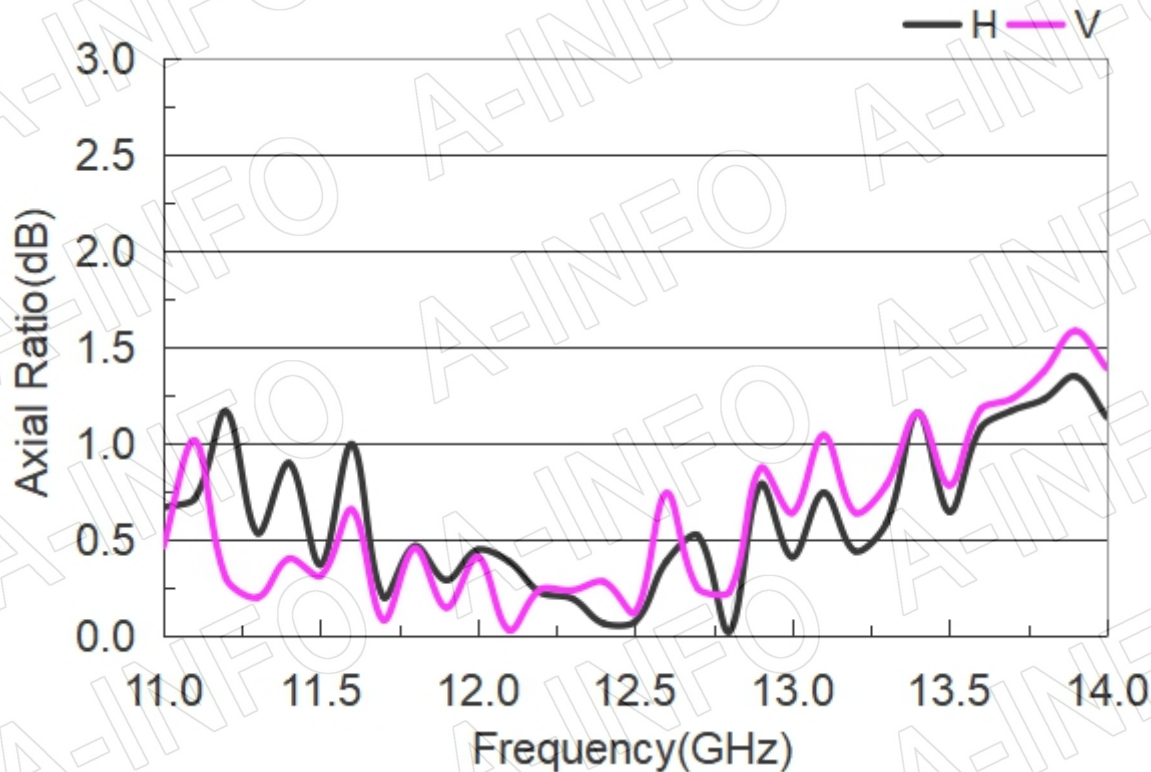
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

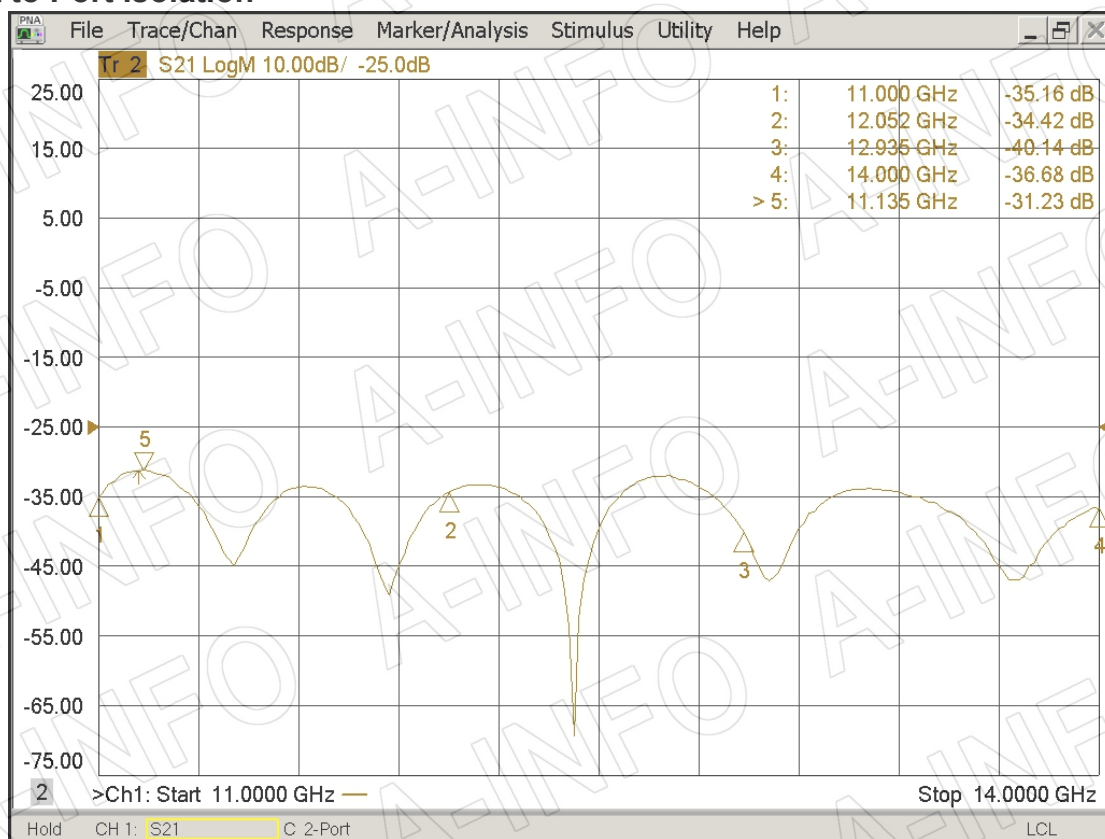
1. Gain



2. Axial Ratio

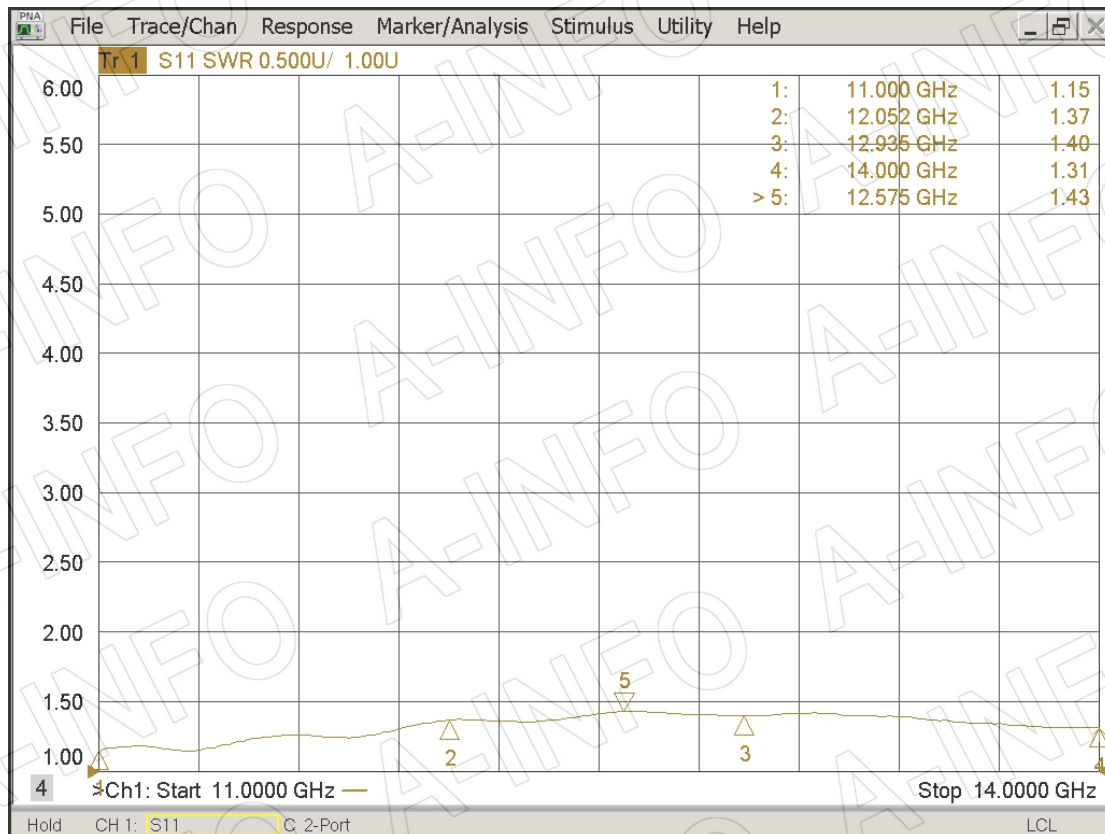


3. Port to Port Isolation

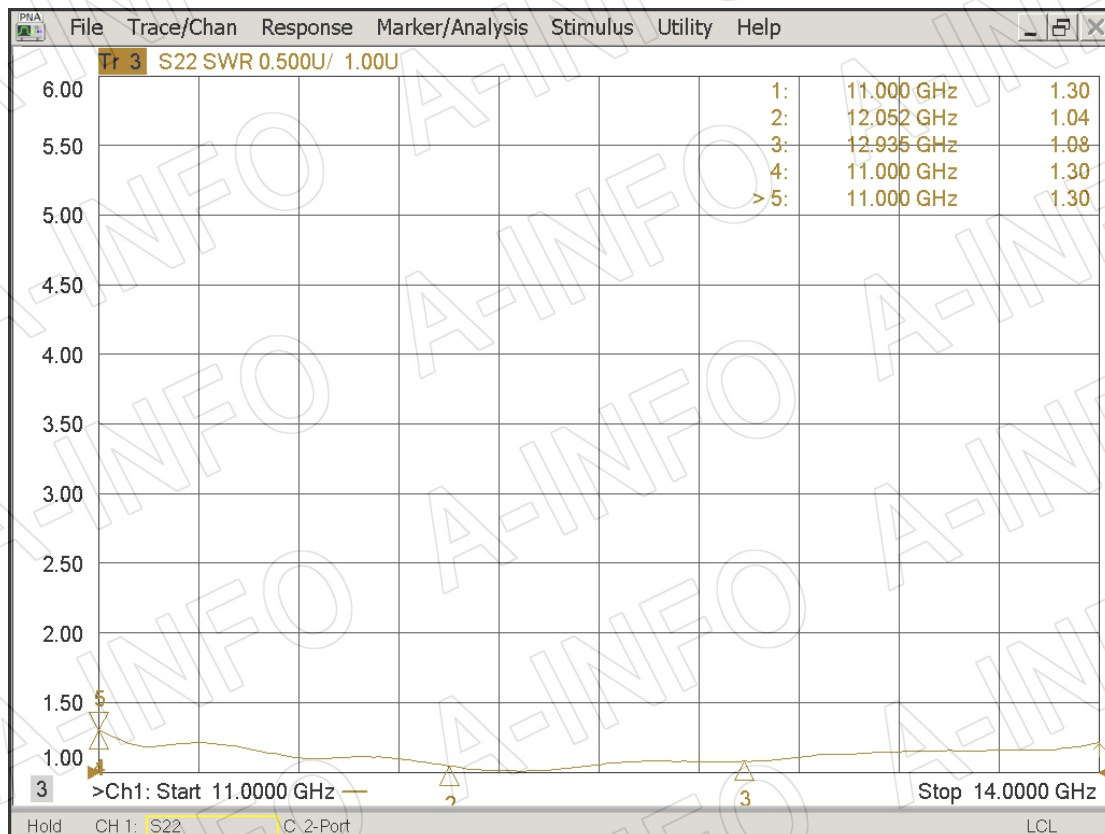


4. VSWR_A Type

Port-H

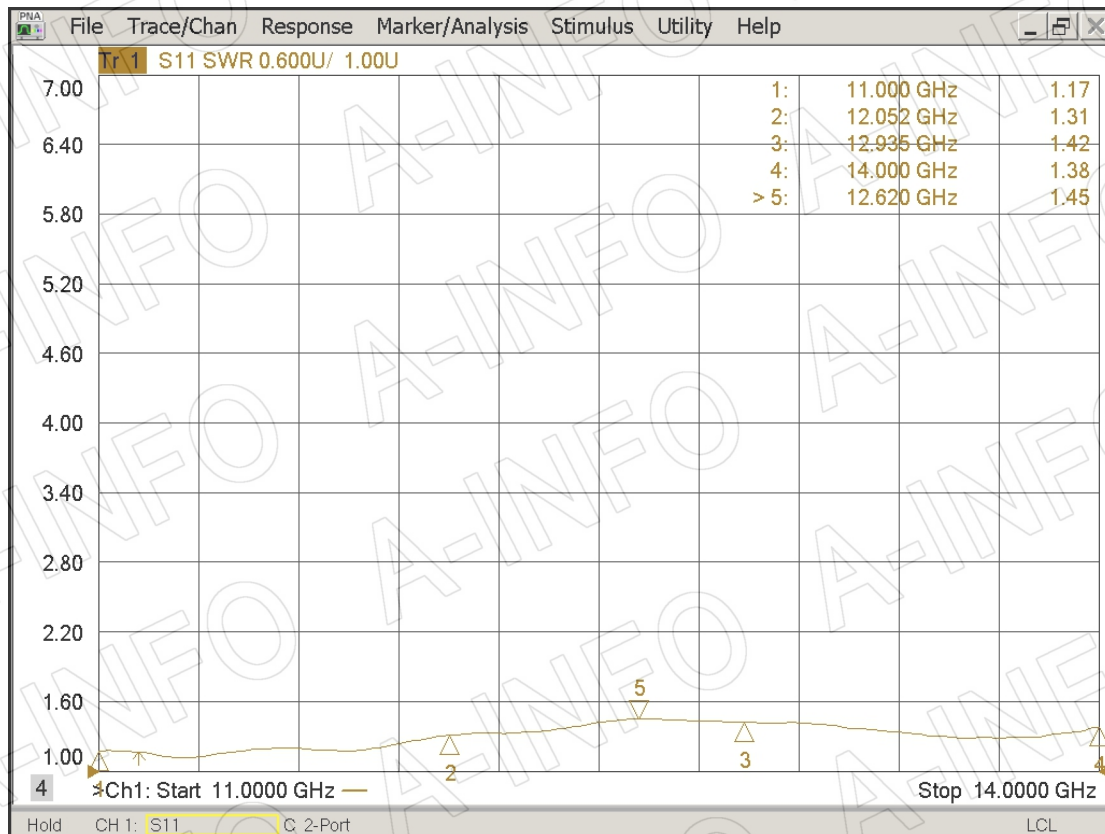


Port-V

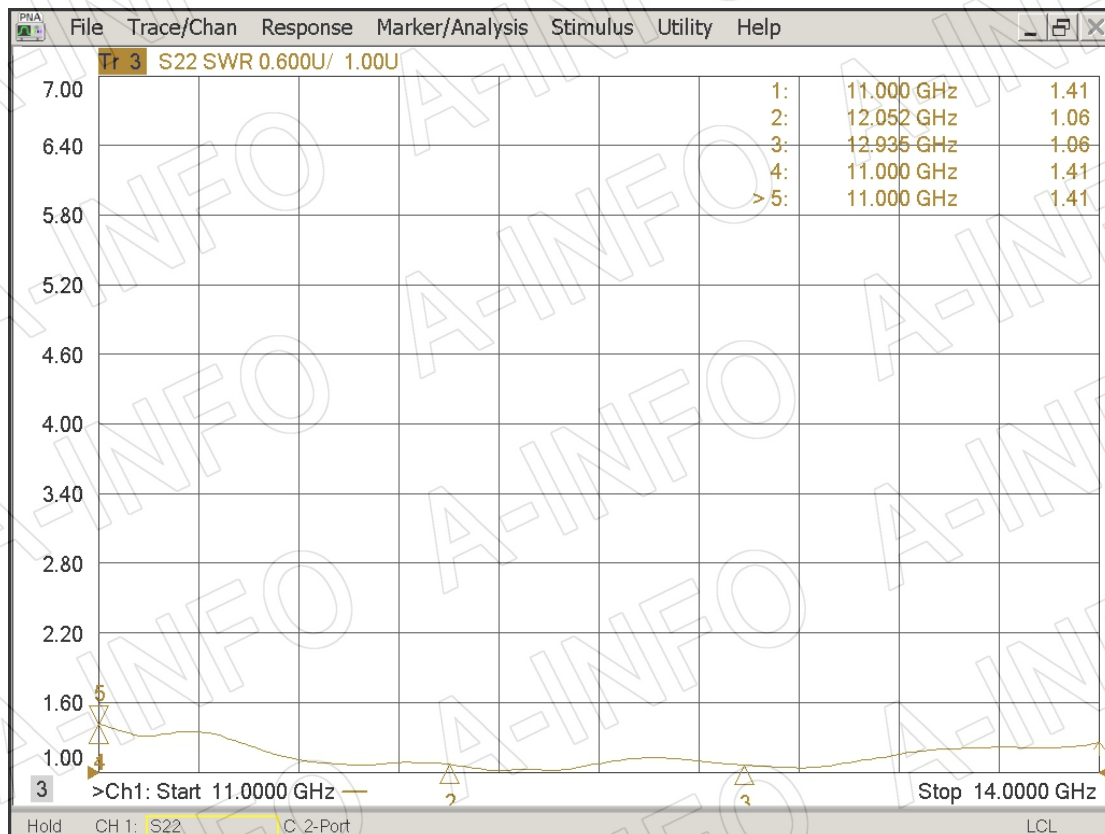


VSWR_C Type

Port-H

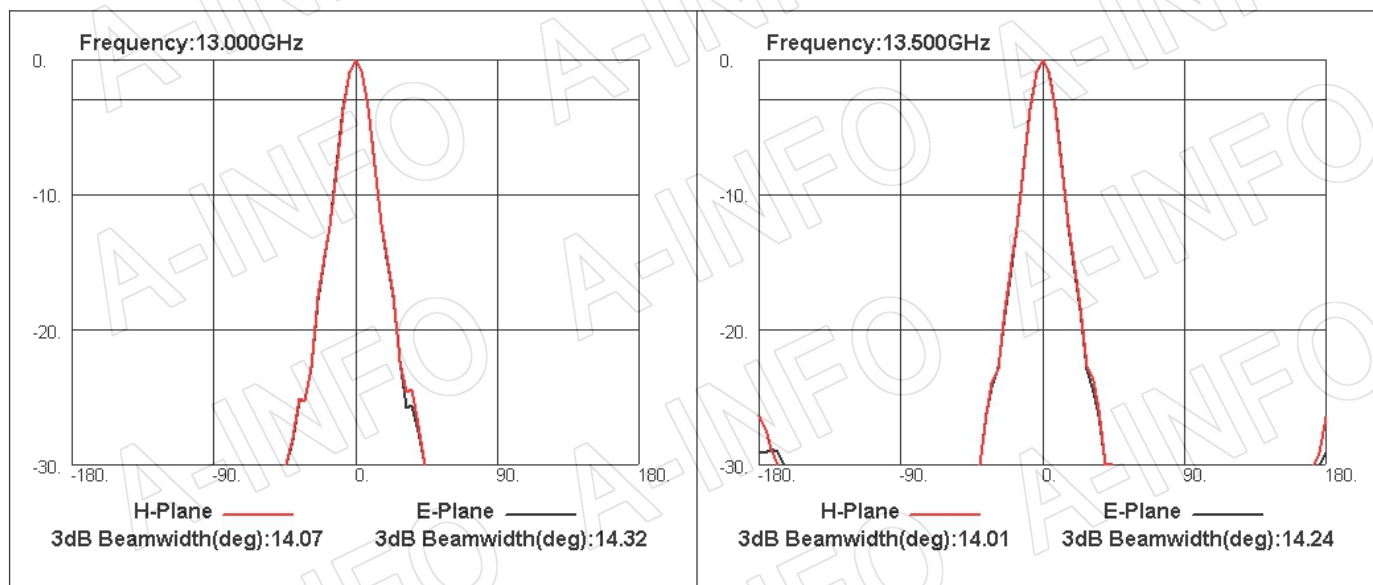
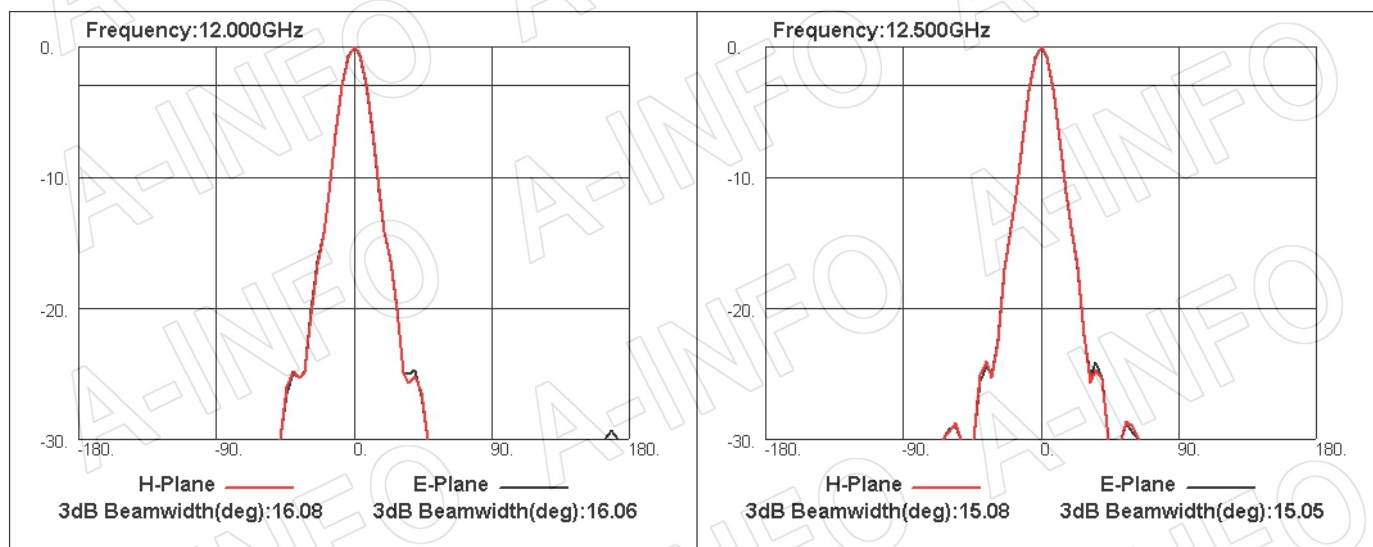
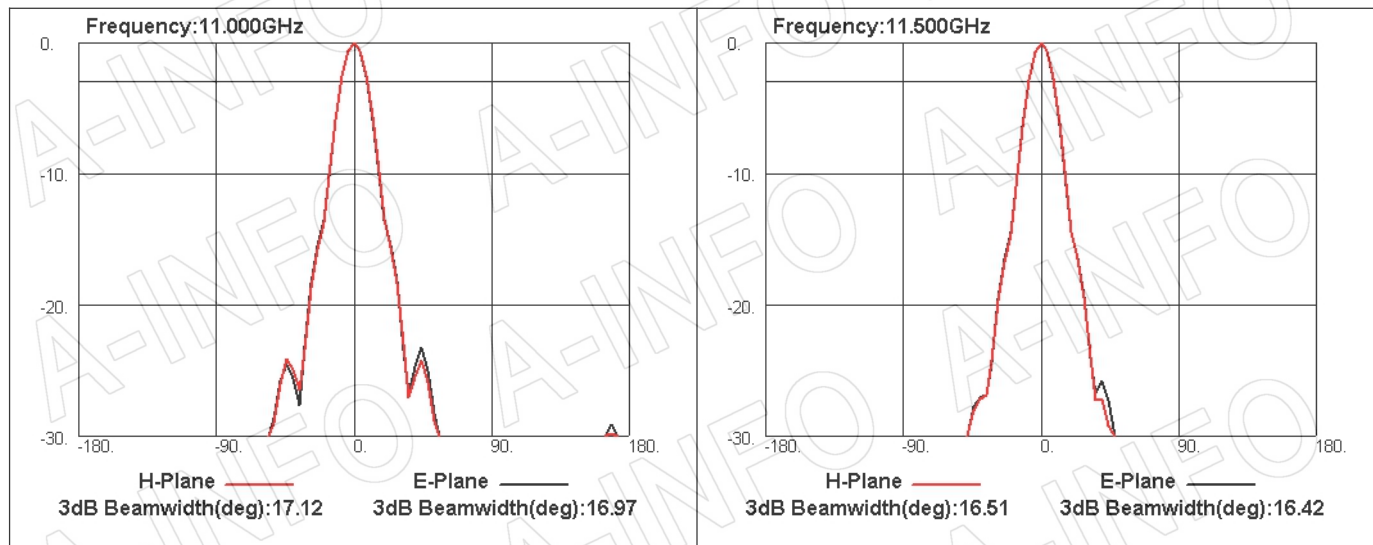


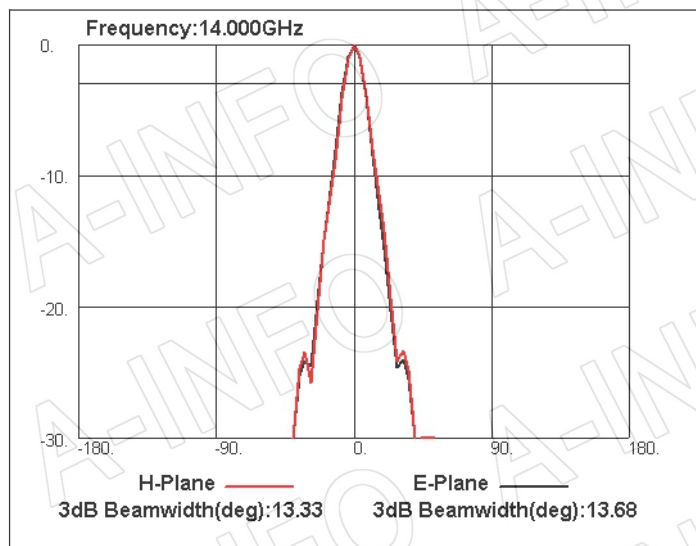
Port-V



5. Pattern

Port-H





Port-V

