

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

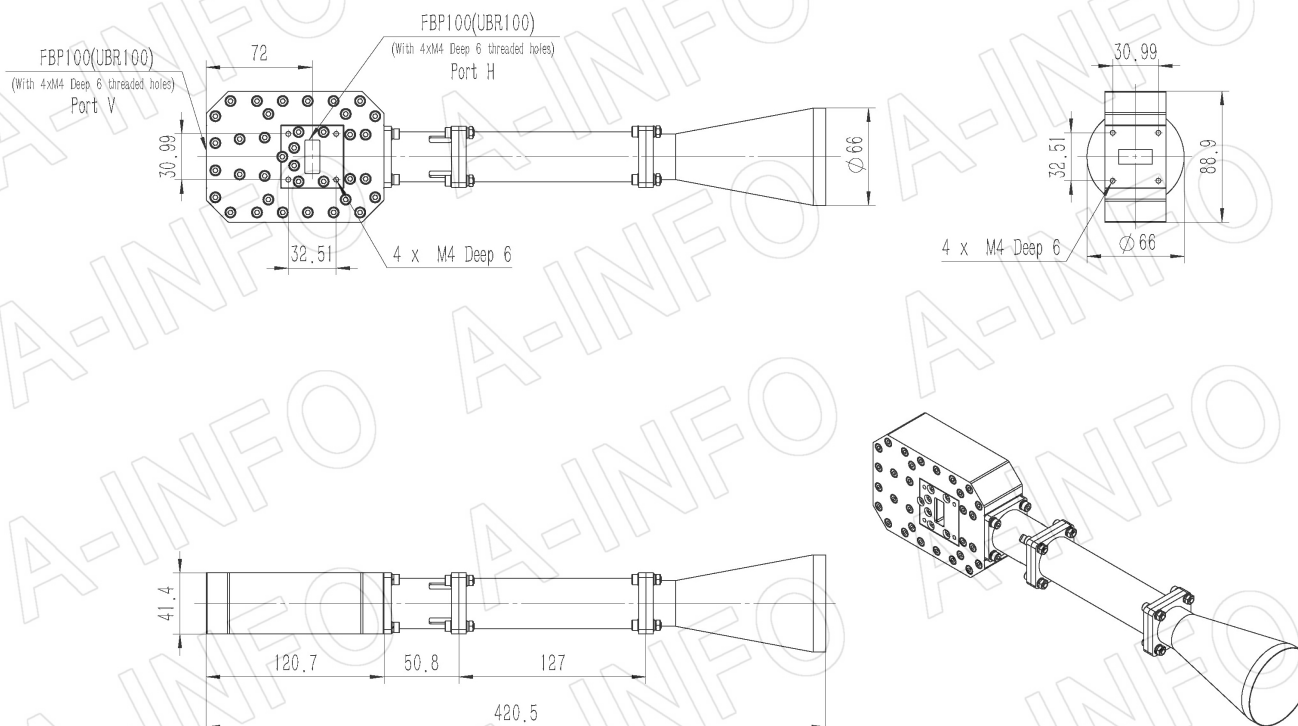
Technical Specification



Frequency Range(GHz)	8.2 – 12.4	
Waveguide	WR90	
Gain(dBic)	15 Typ.	
Polarization	Dual Circular	
Axial Ratio	1.5 Typ. ; 2.5 Max.	
3dB Beamwidth(deg)	E Plane:	28 Typ.
	H Plane:	28 Typ.
Port to Port Isolation(dB)	30 Typ. ; 20 Min.	
VSWR	A Type:	1.50:1 Max.
	C Type:	1.60:1 Max.
Output	A Type:	FBP100(UBR100) (With 4xM4 D6 threaded holes)
	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:	66 x 88.9 x 420.5
	C Type:	91.7 x 88.9 x 458.5
Net Weight(Kg)	A Type:	1.42 Around
	C Type:	1.54 Around

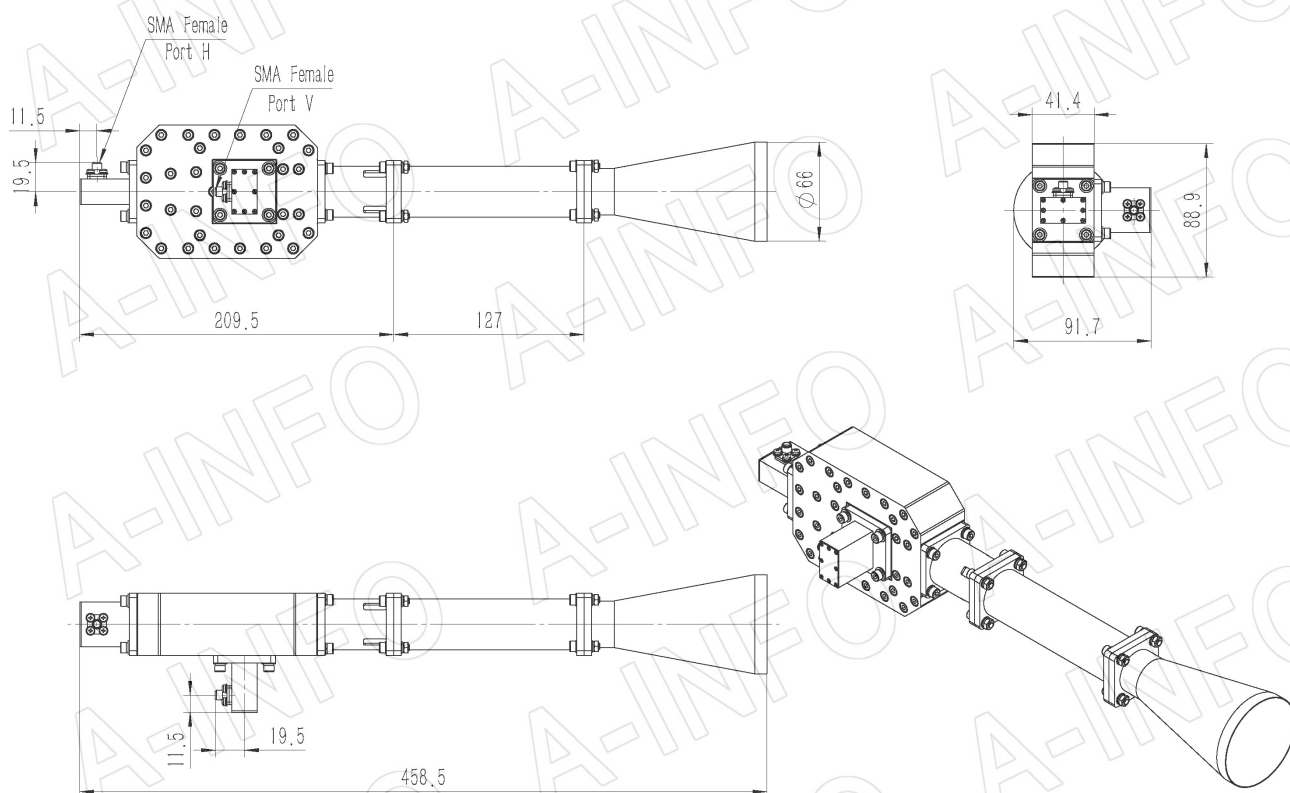
Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CN-90-15-D02-A)

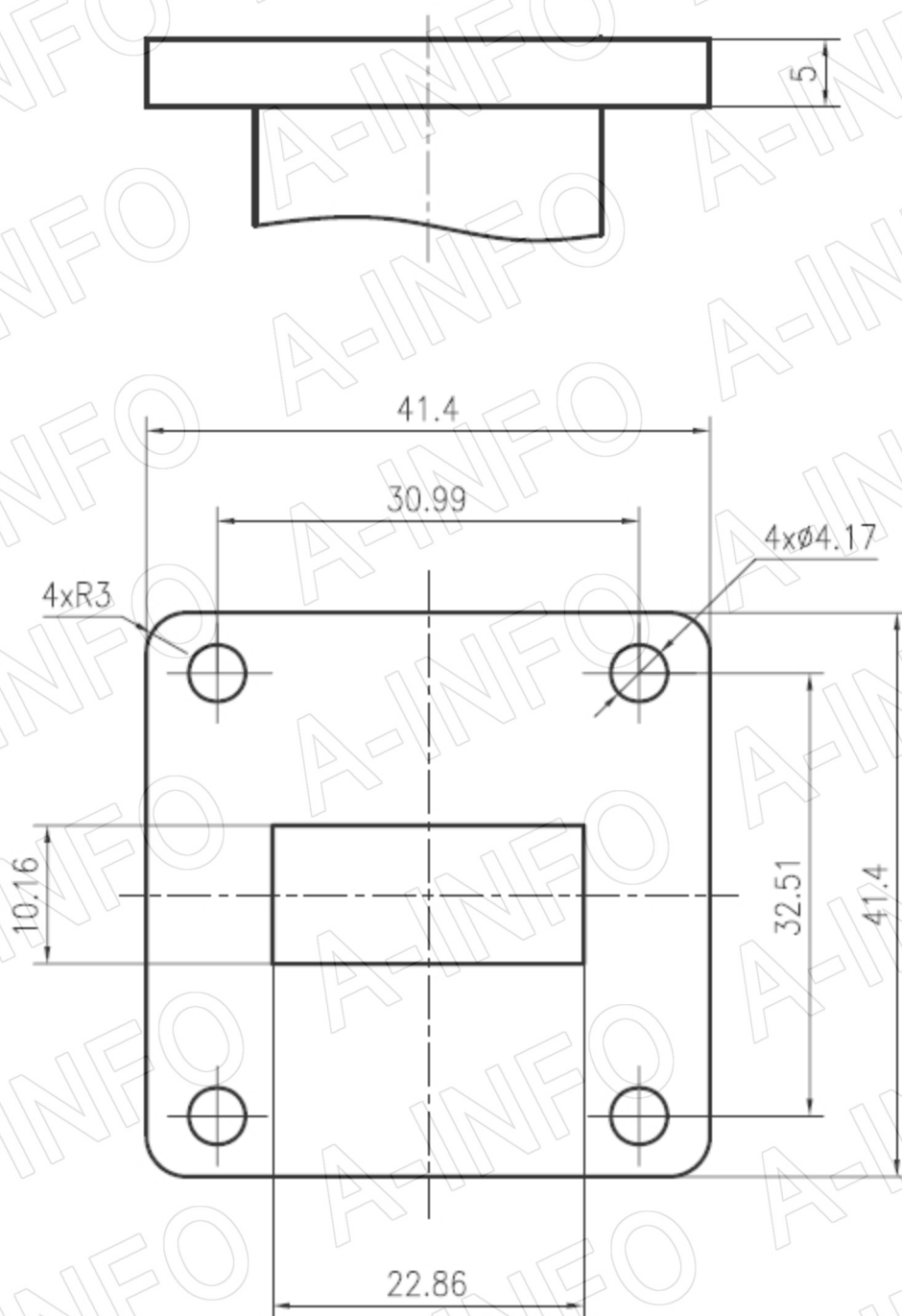


SMA-Female Output (P/N: LB-CN-90-15-D02-C-SF)

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



Flange Drawing (Size: mm)



FBP100

AINFO Inc.

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

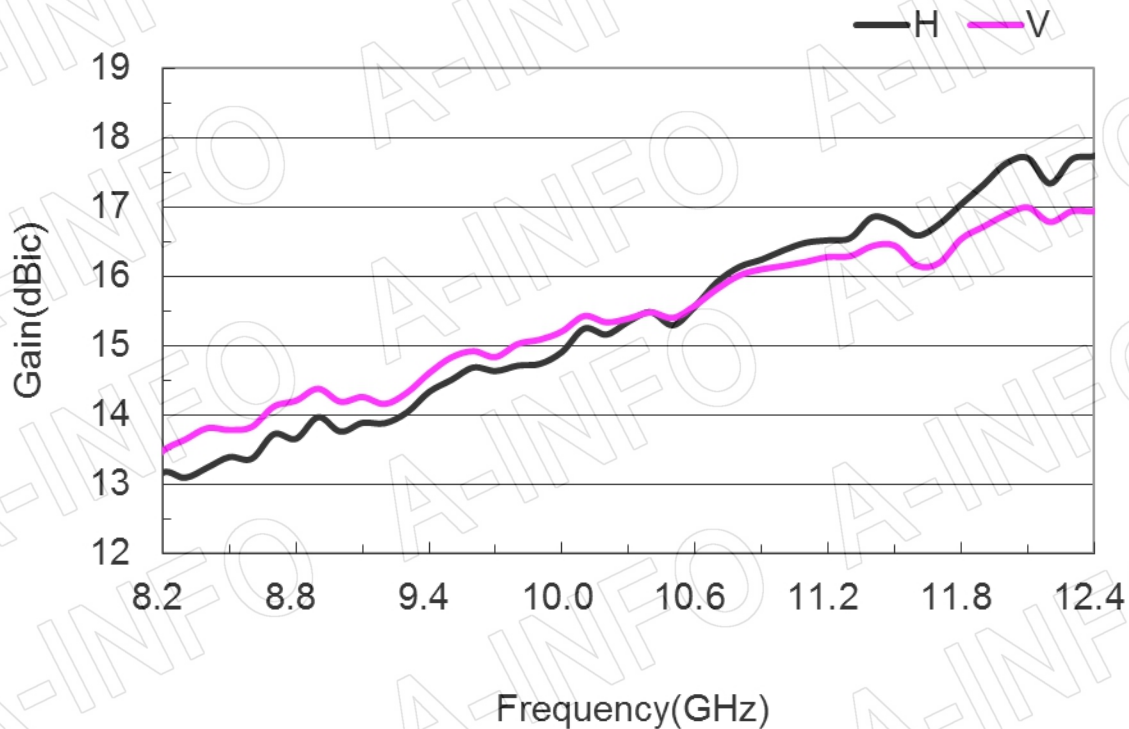
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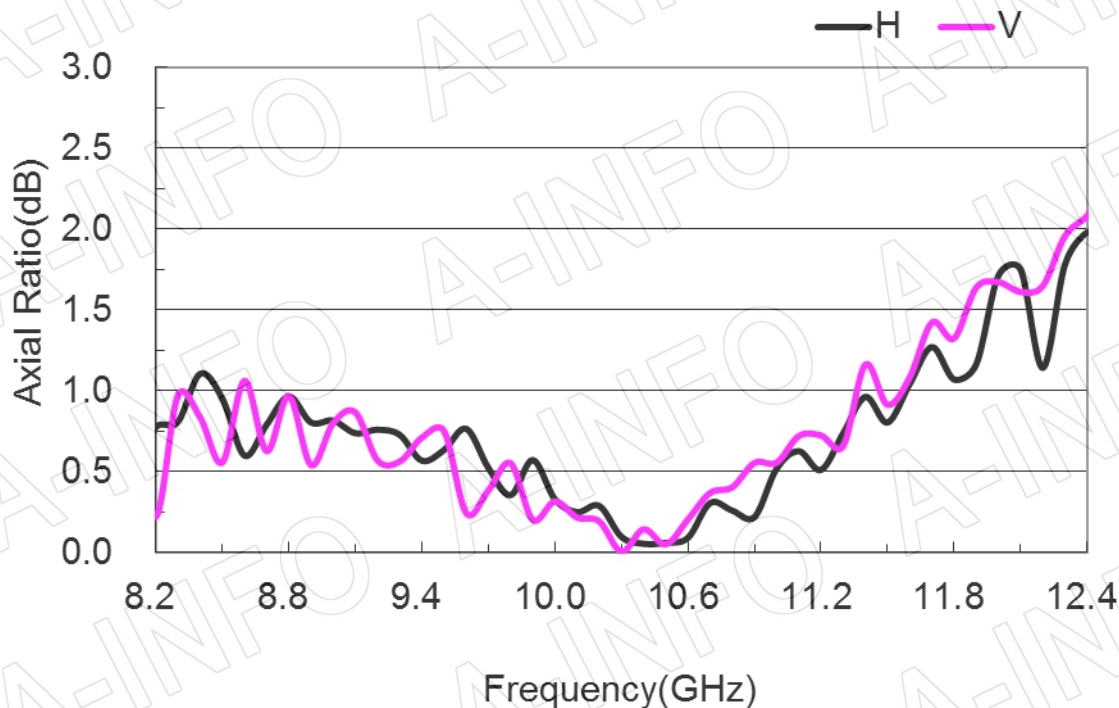
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

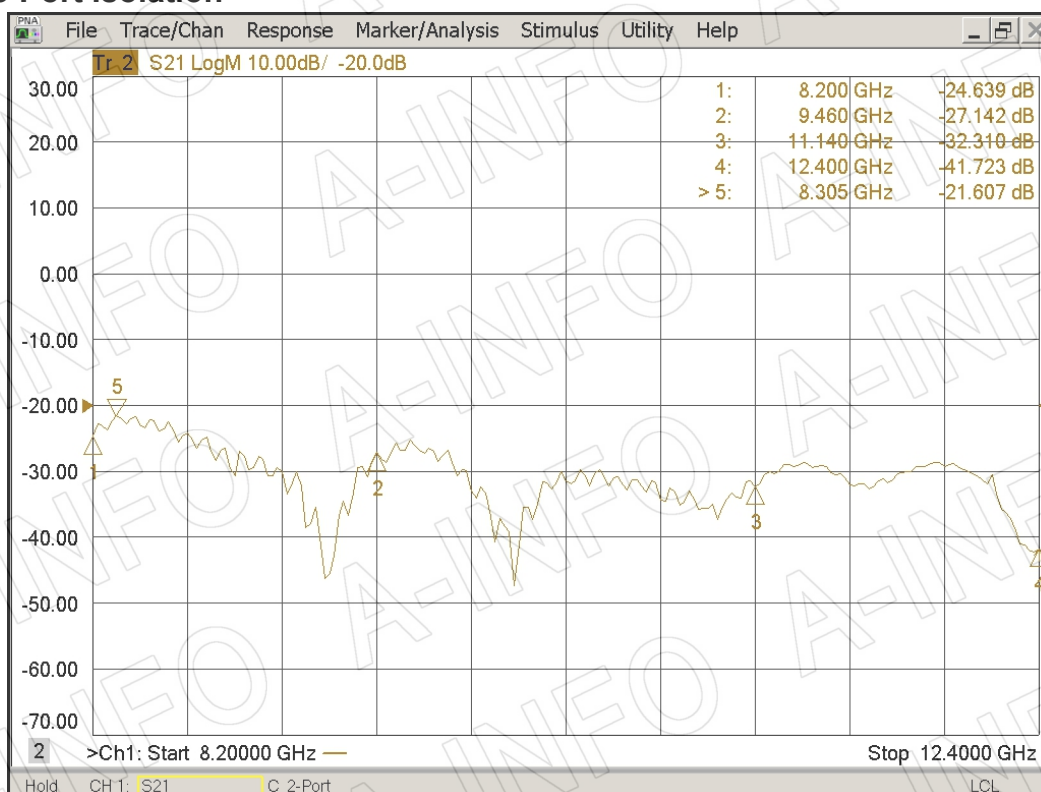
1. Gain



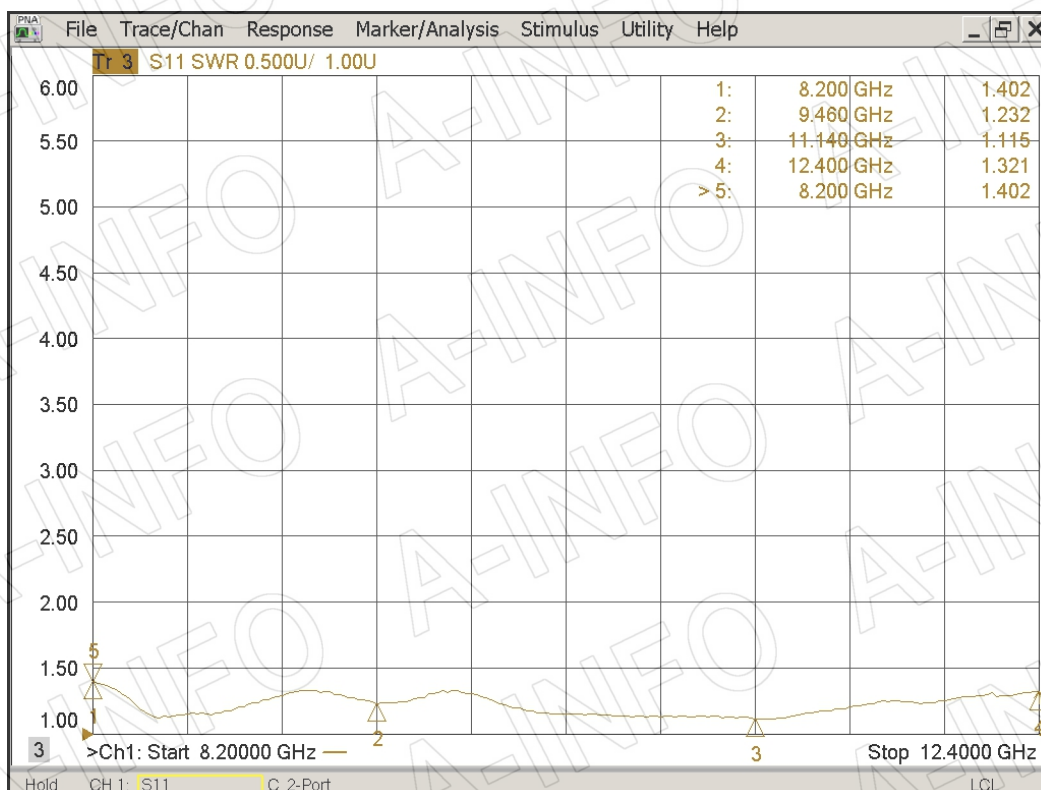
2. Axial Ratio



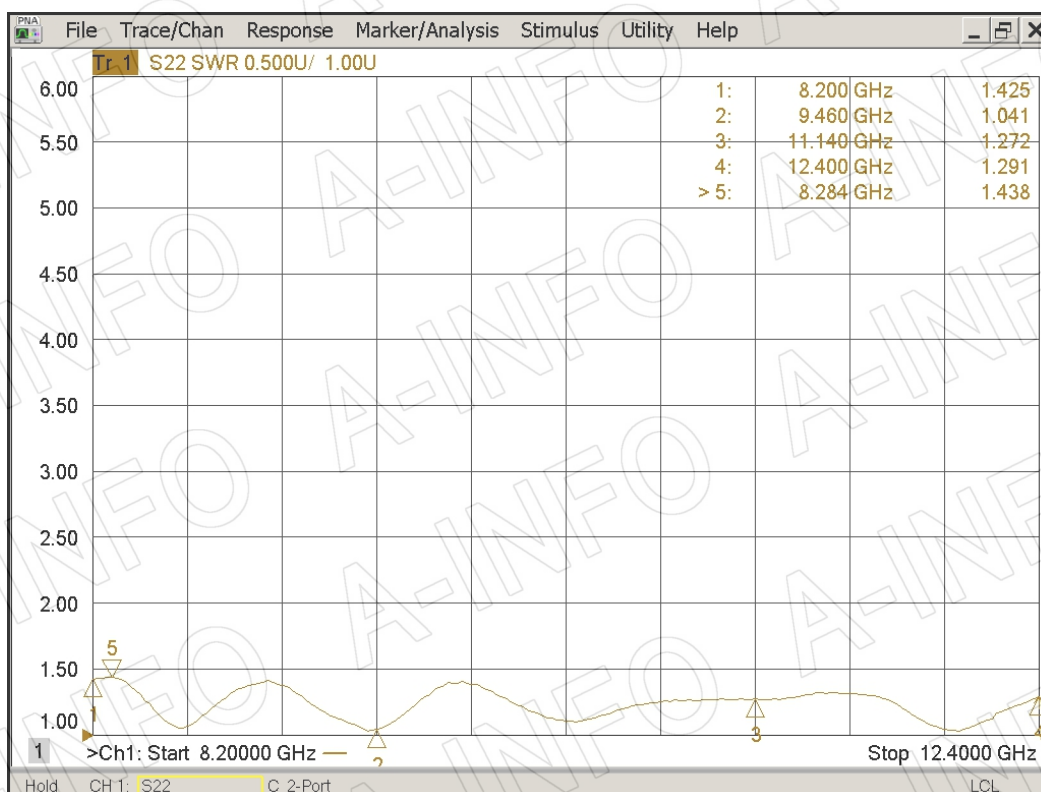
3. Port to Port Isolation



4. VSWR_A Type Port-H

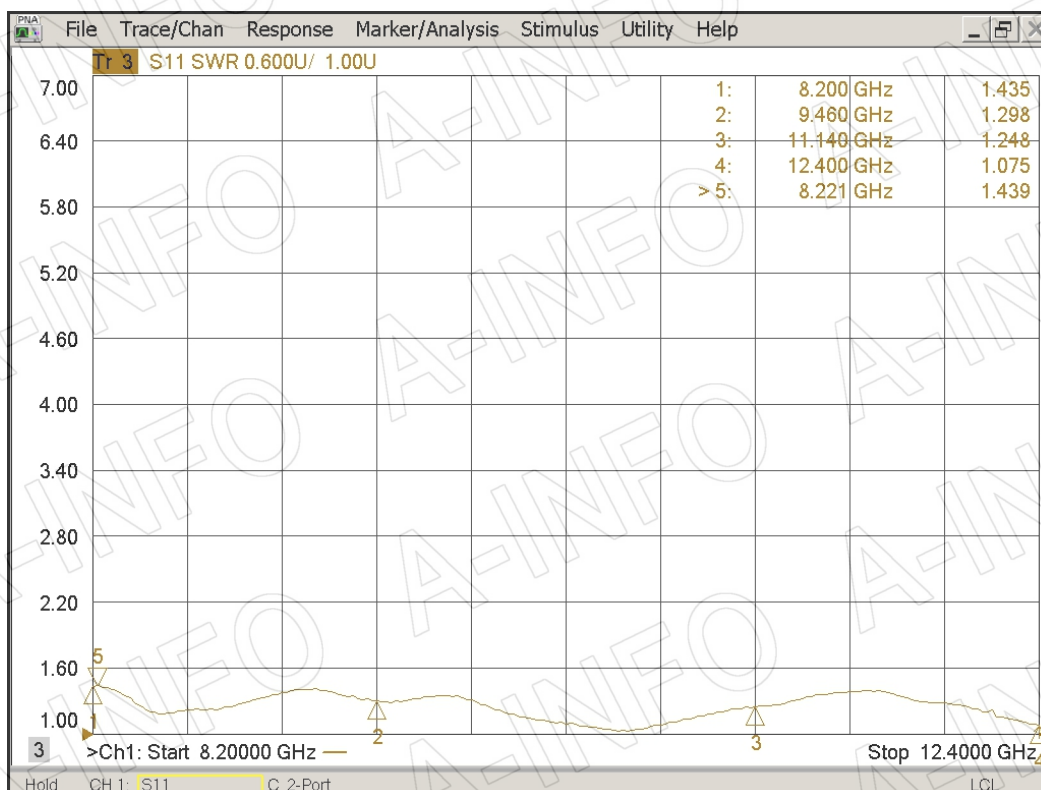


Port-V

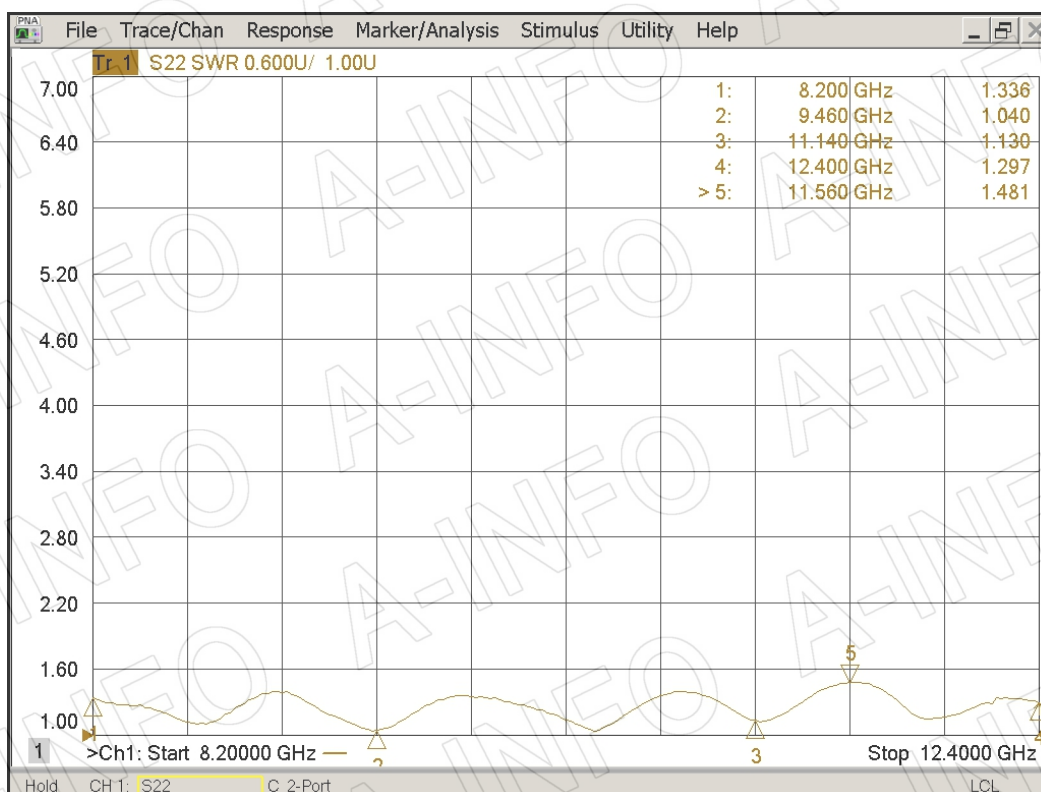


VSWR_C Type

Port-H

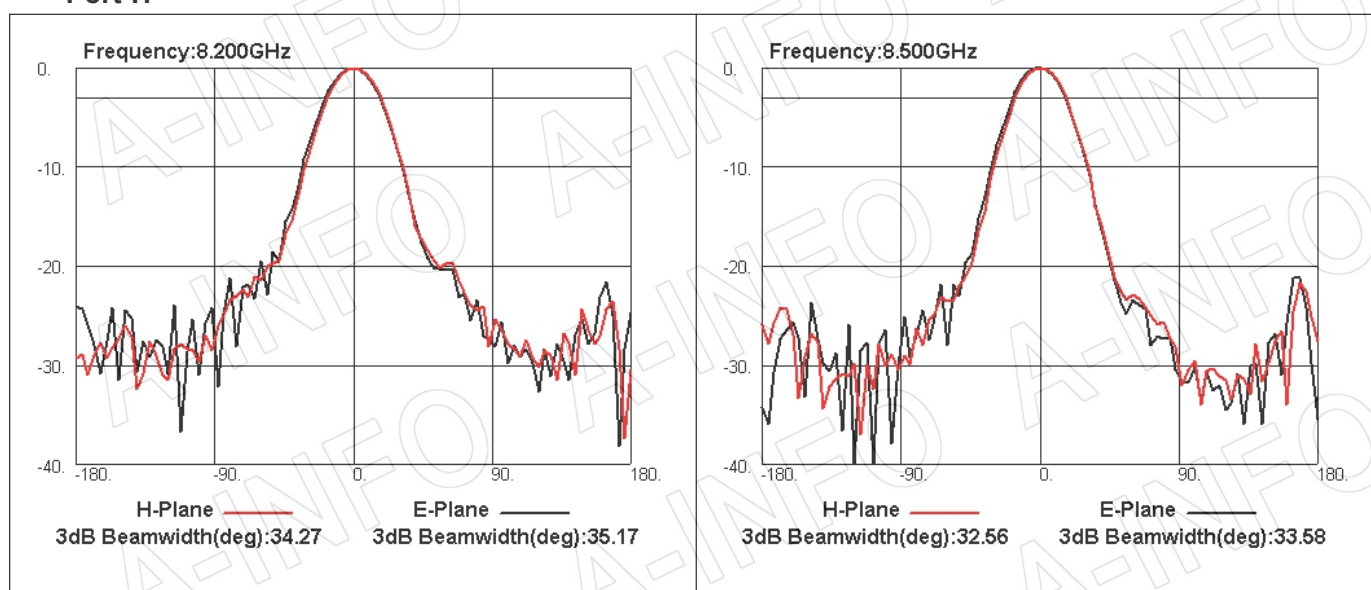


Port-V



5. Pattern

Port-H



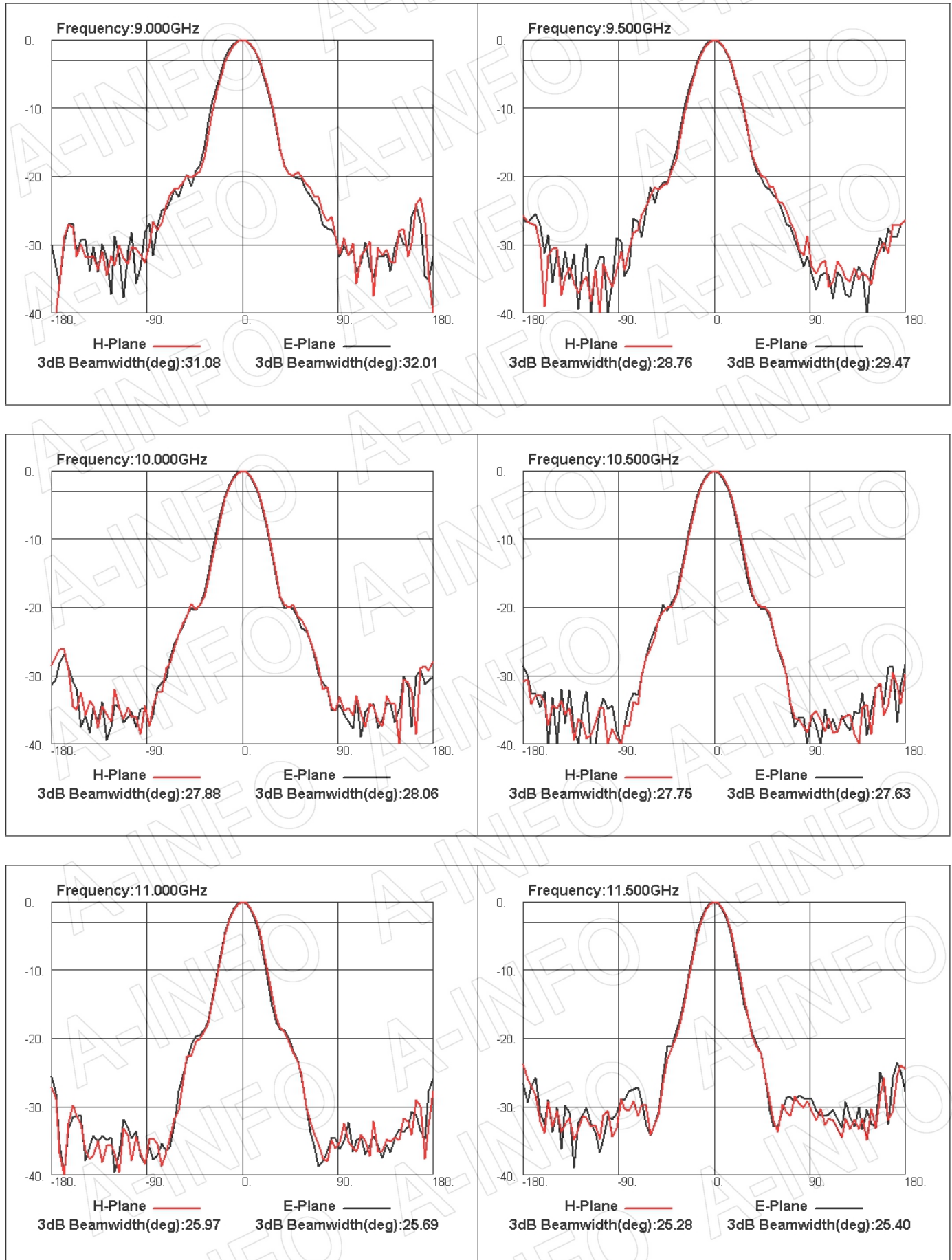
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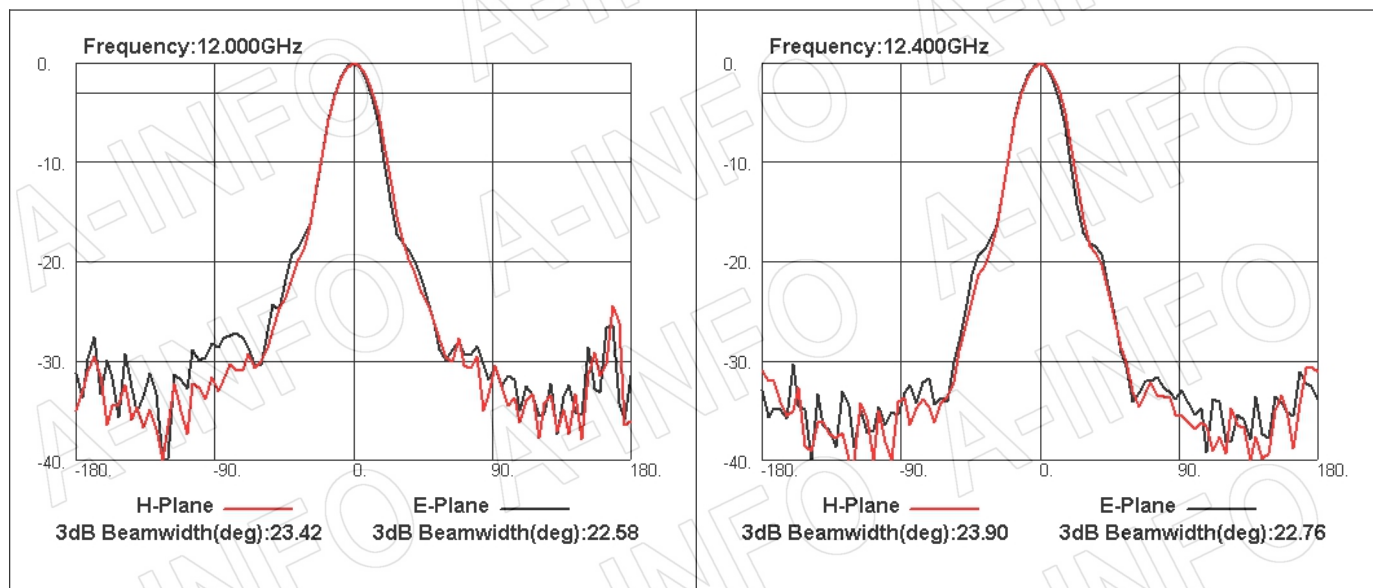
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Port-V

