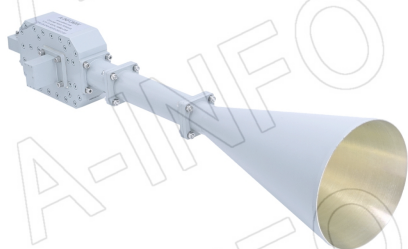


For reference only. See data sheet for the detailed specifications.

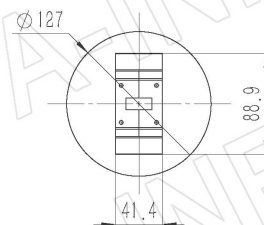
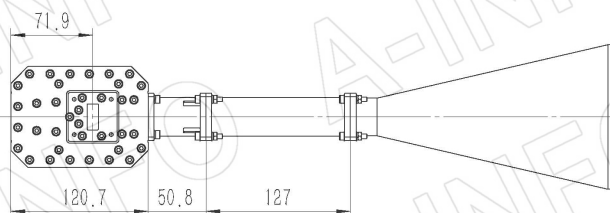
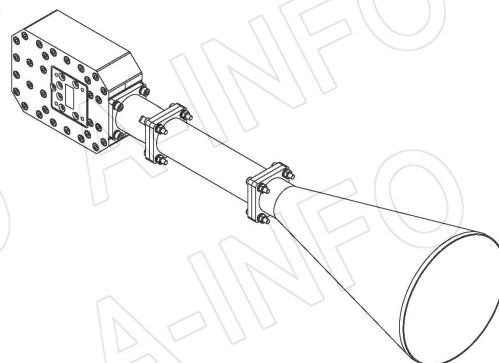
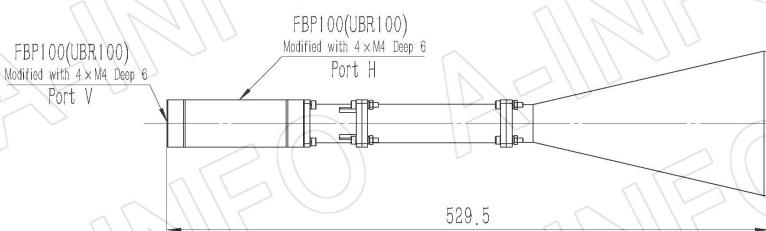
Technical Specification



Frequency Range(GHz)	8.2 – 12.4
Waveguide	WR90
Gain(dBic)	20 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	1.5 Typ. ; 2.5 Max.
3dB Beamwidth(deg)	E Plane: 15 Typ.
	H Plane: 15 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) (Modified with 4xM4 D6)
	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: 127 x 127 x 529.5
	C Type: 127 x 127 x 567.5
Net Weight(Kg)	A Type: 1.66 Around
	C Type: 1.78 Around

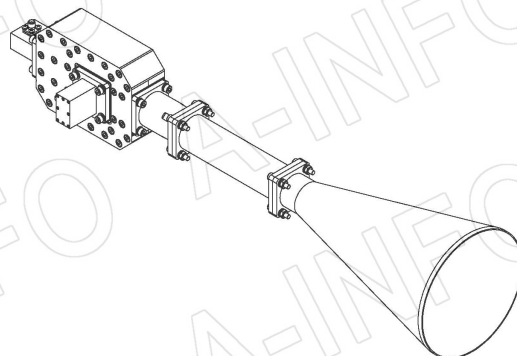
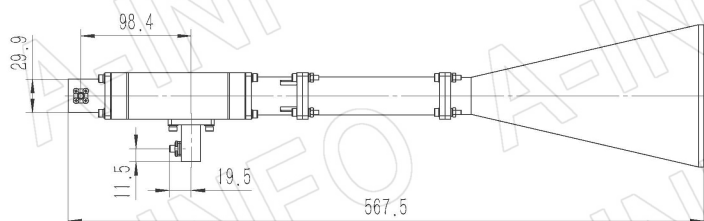
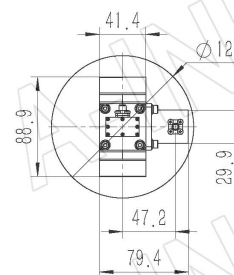
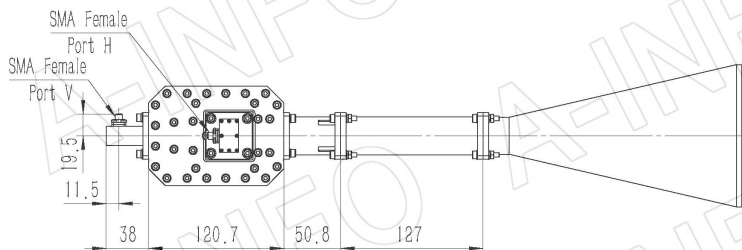
Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CNH-90-20-D02-A)

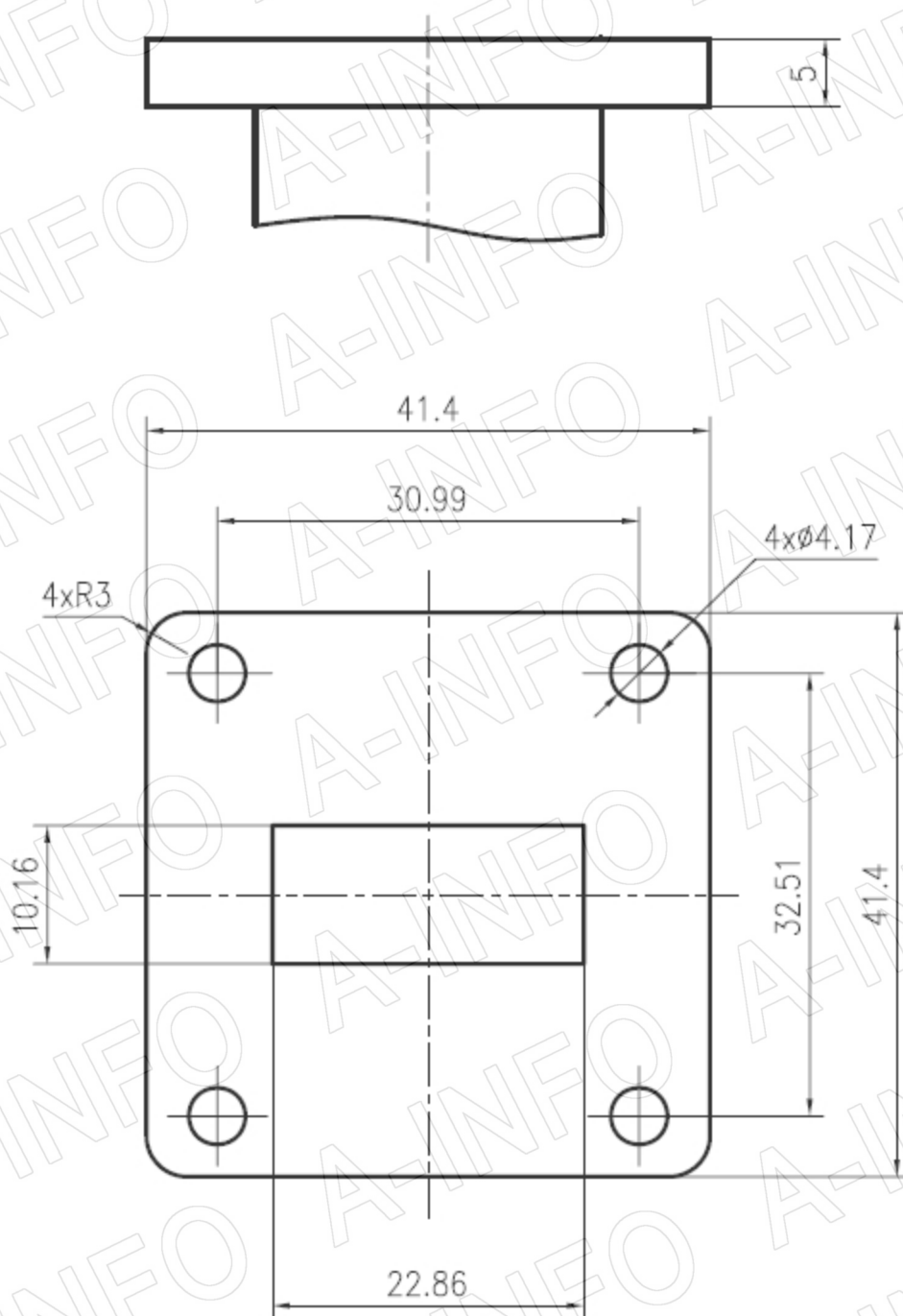


SMA-Female Output (P/N: LB-CNH-90-20-D02-C-SF)

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



Flange Drawing (Size: mm)



FBP100

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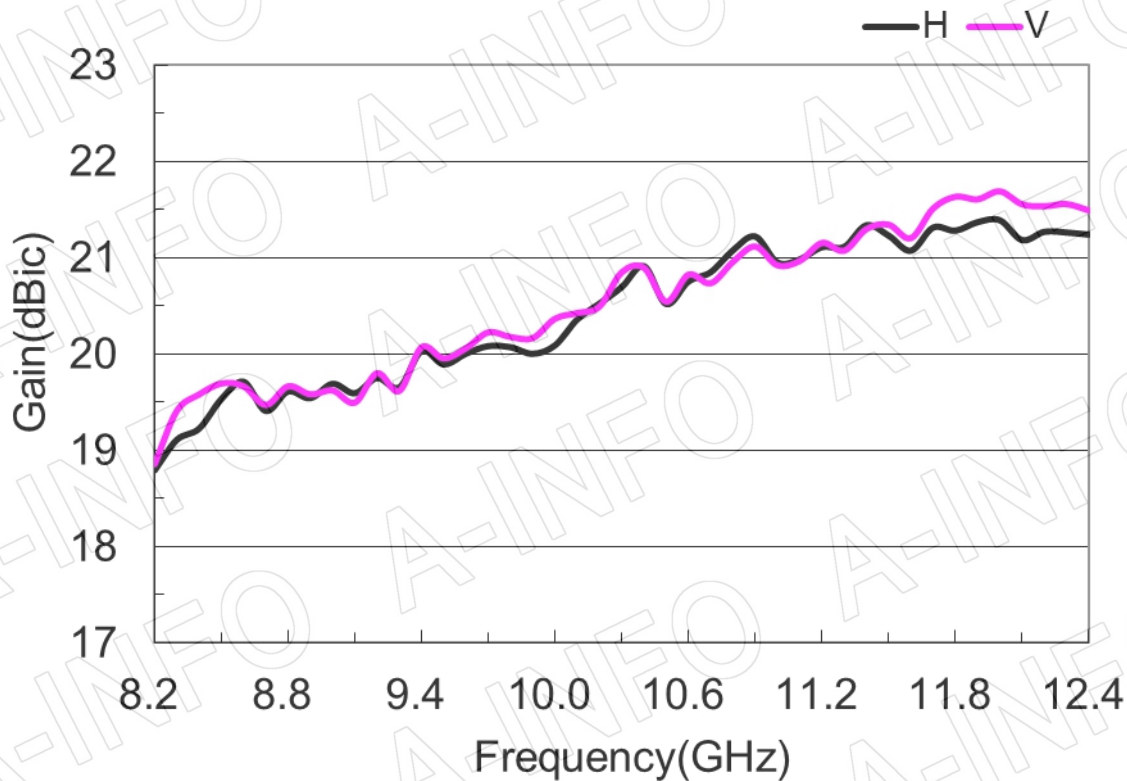
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(+86) 28-8519-3044
(+1) 949-639-9608

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

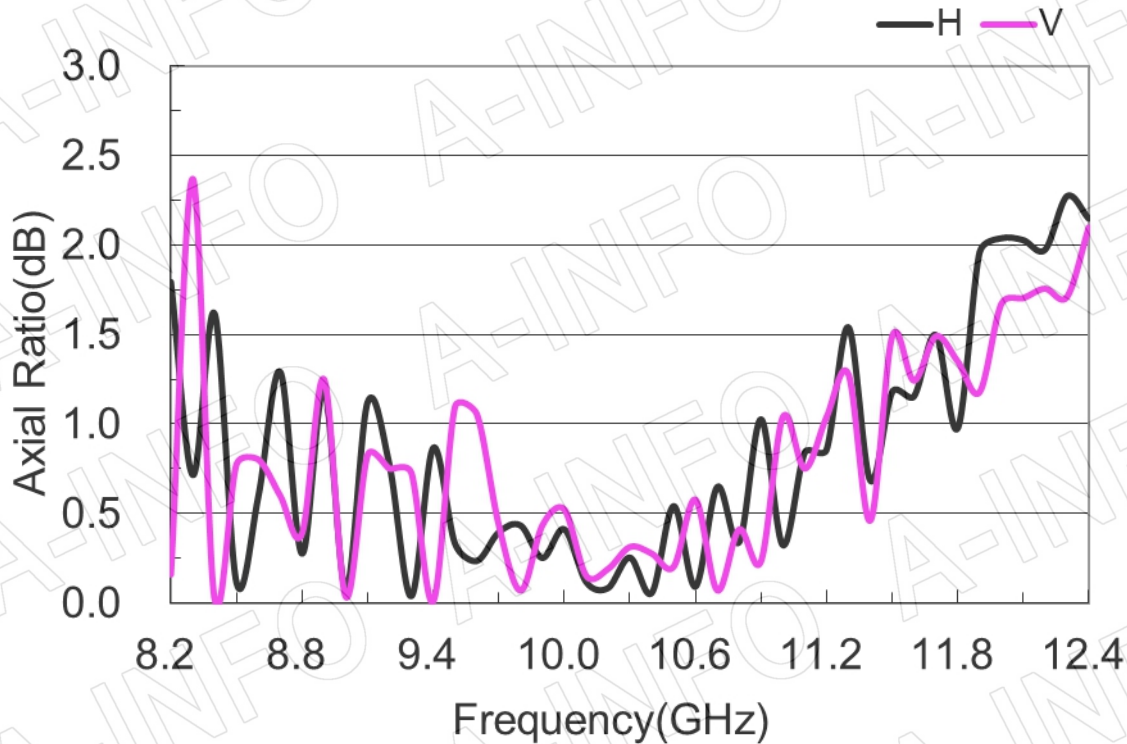
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

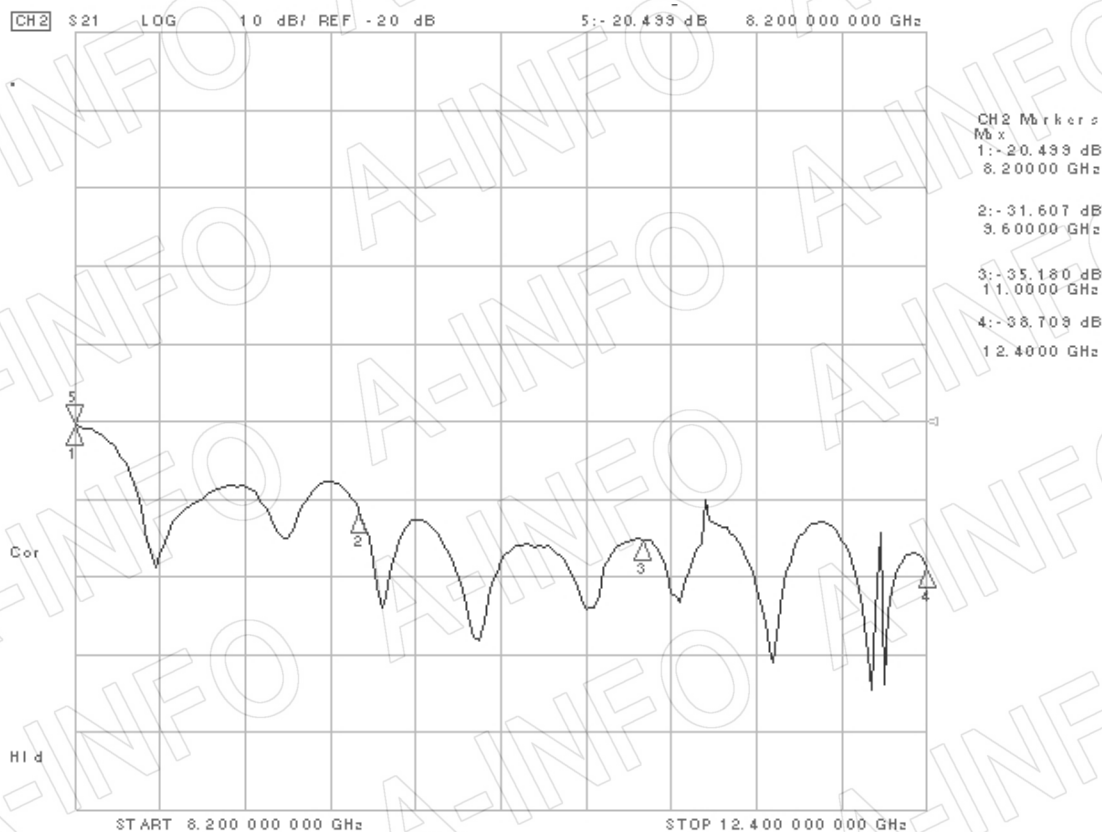
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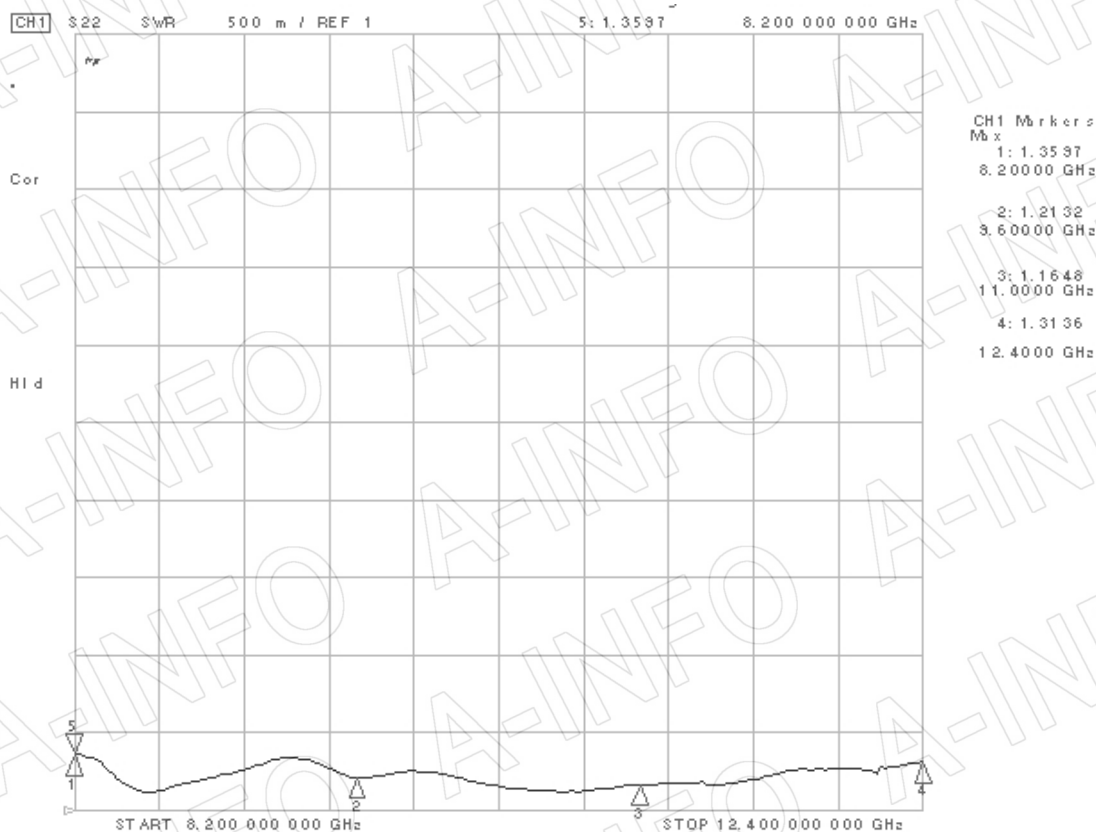
2. Axial Ratio



3. Port to Port Isolation



4. VSWR_A Type Port-H



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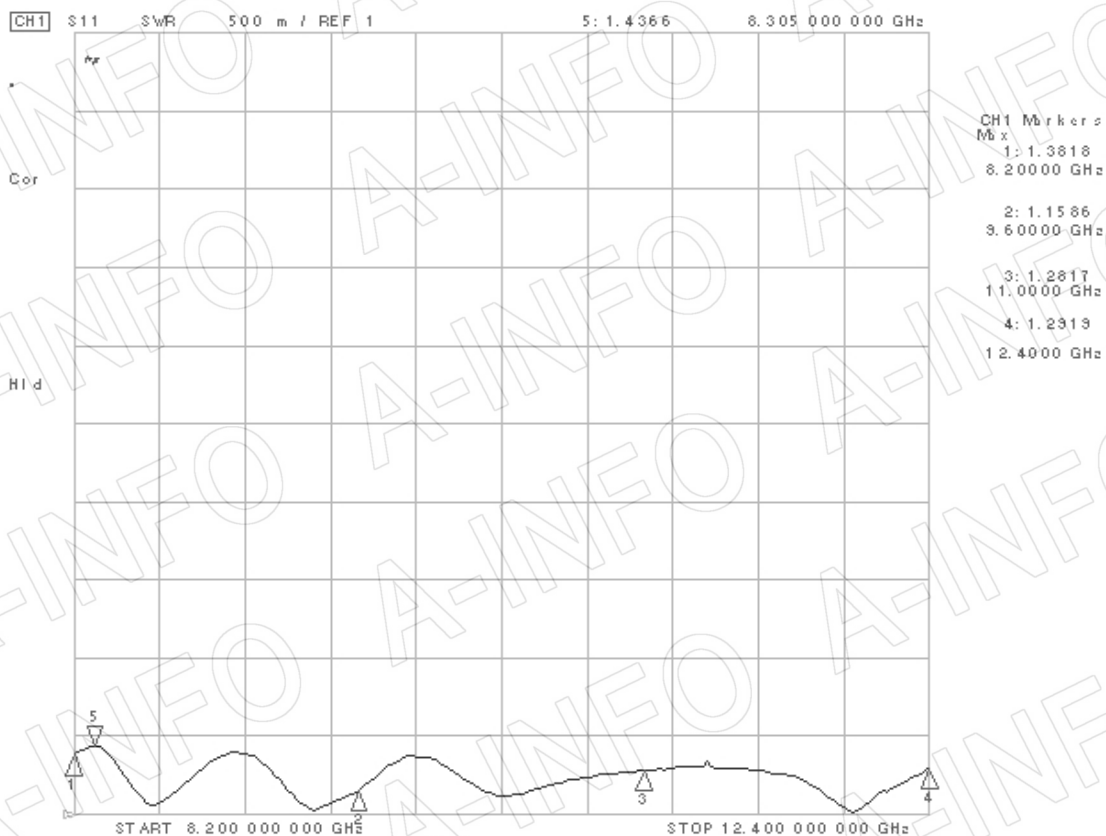
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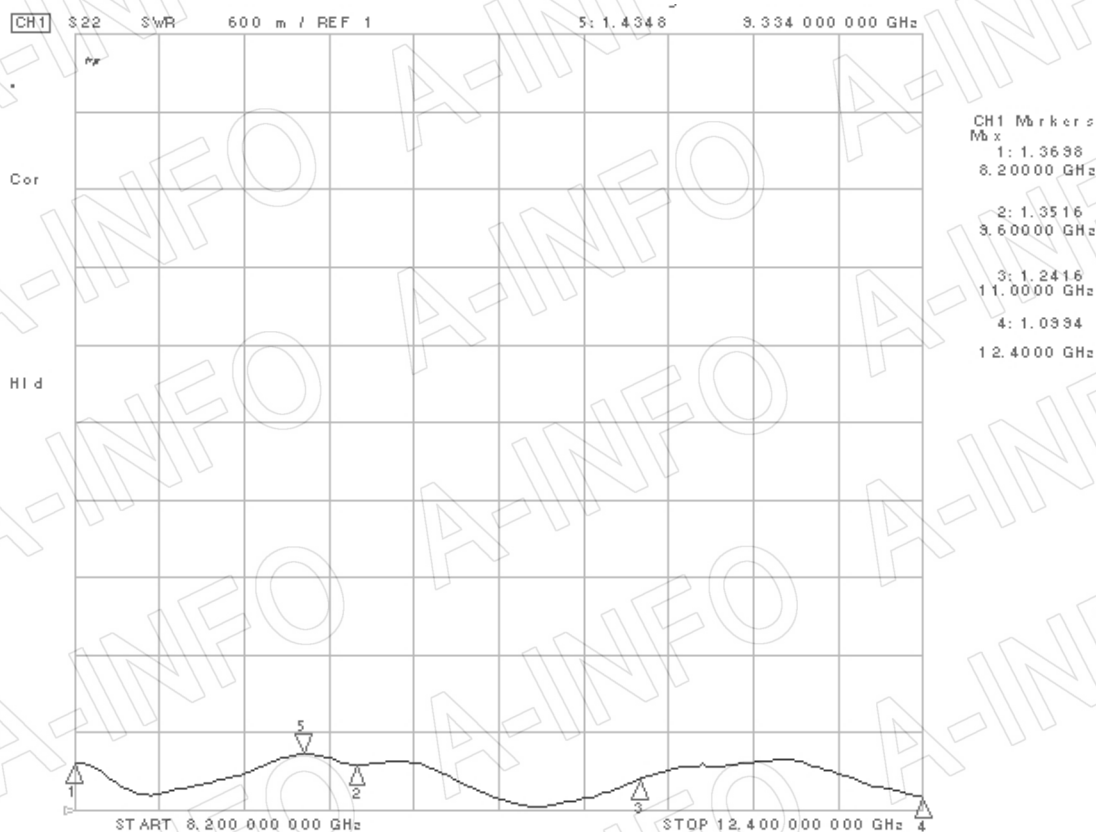
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Port-V



VSWR_C Type

Port-H



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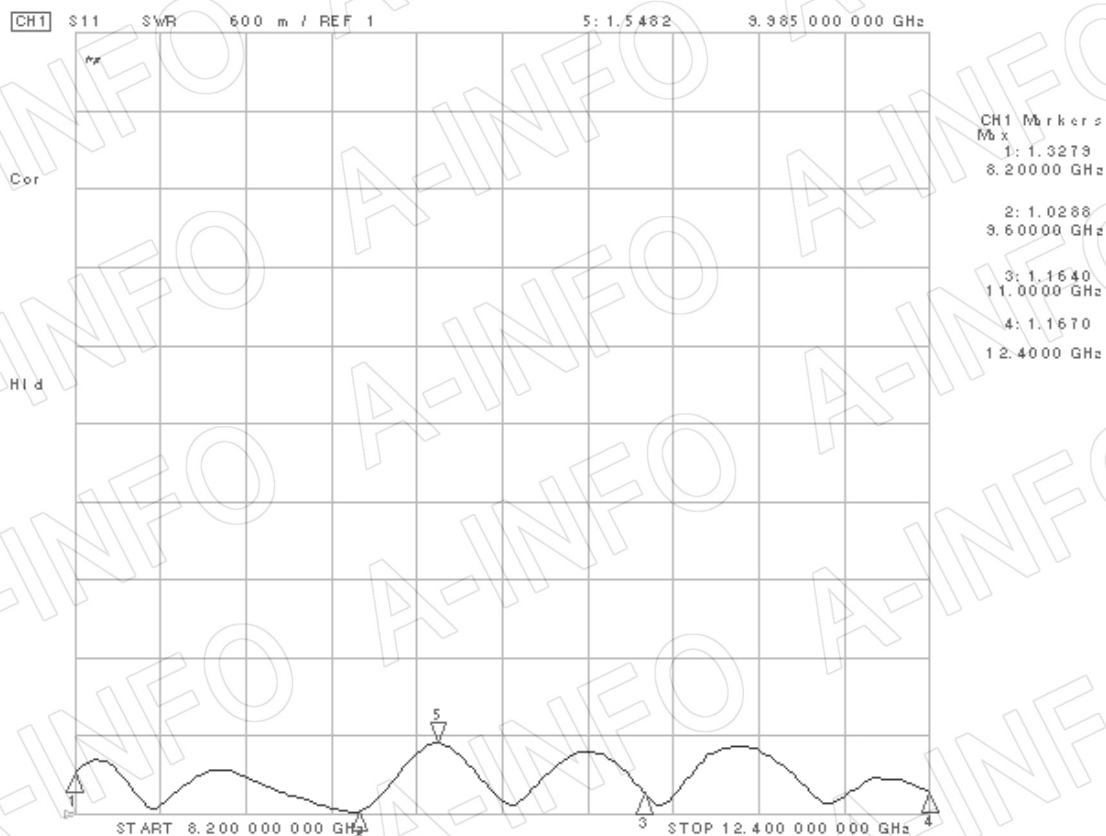
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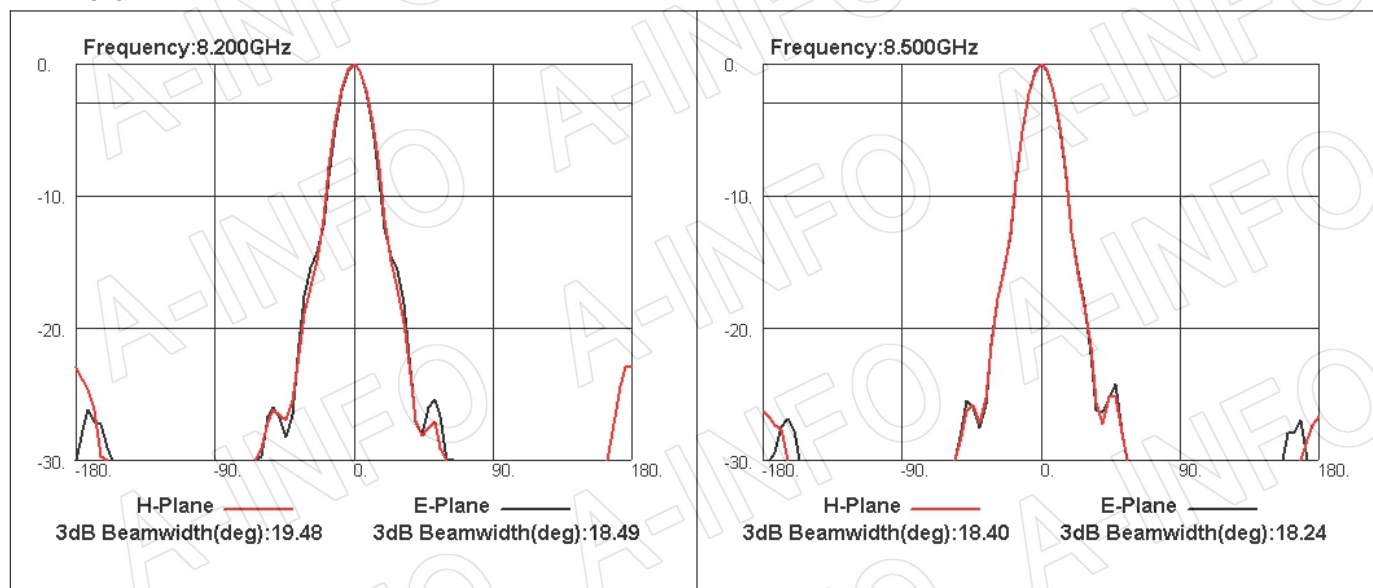
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Port-V



5. Pattern

Port-H



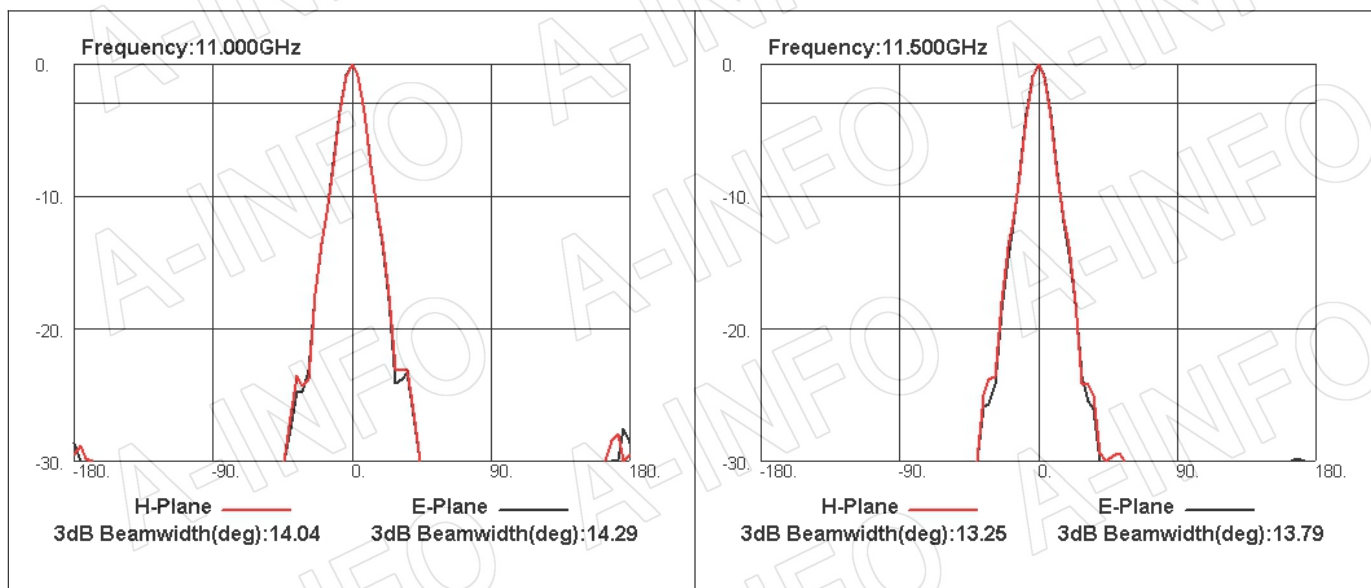
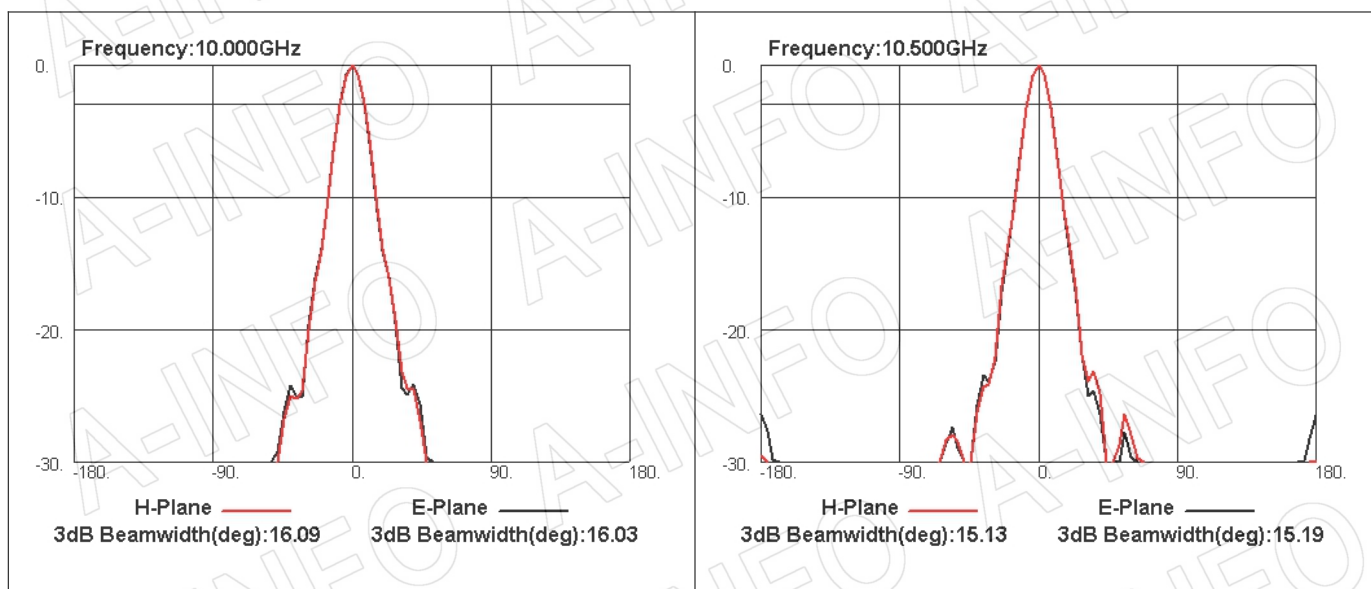
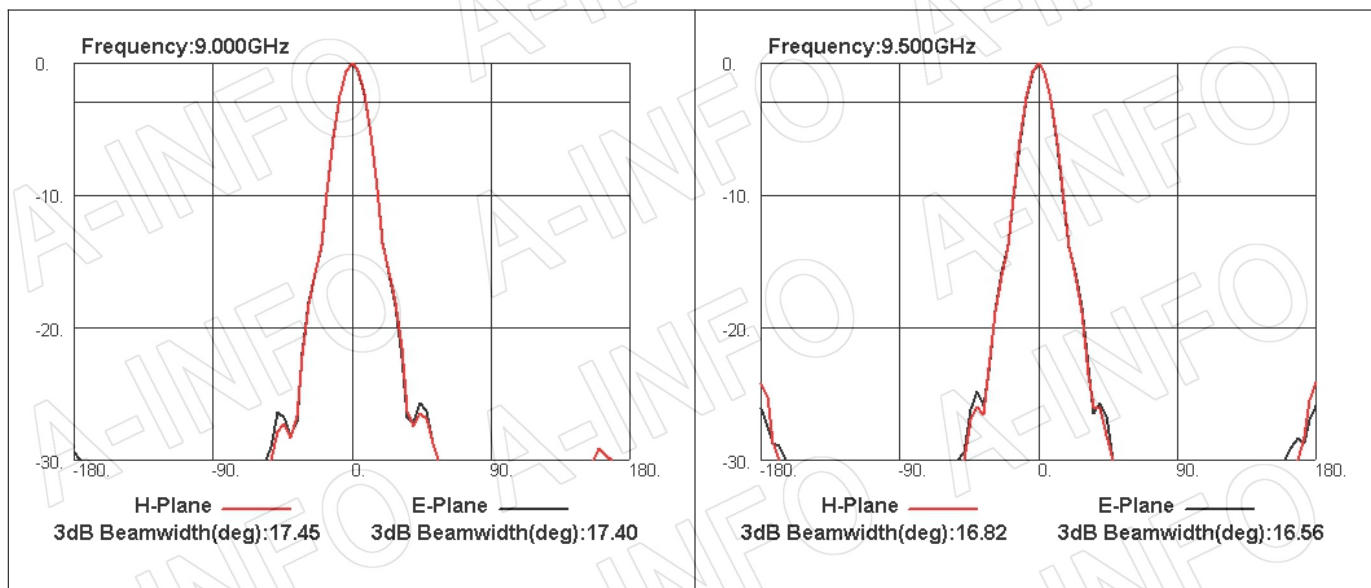
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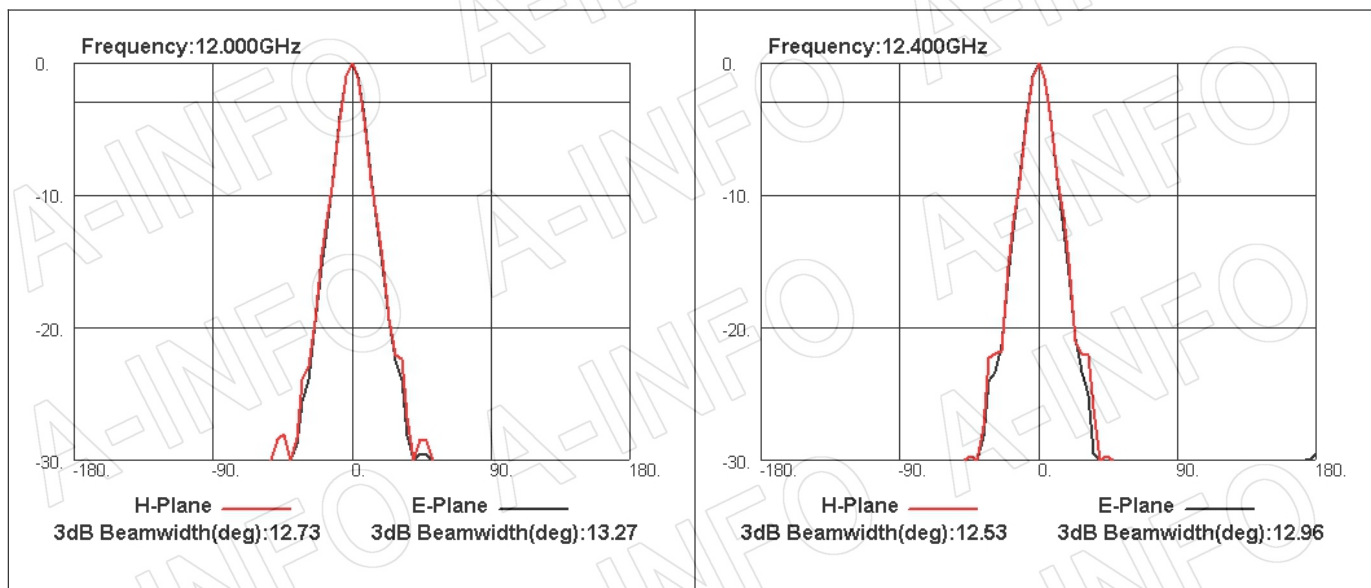
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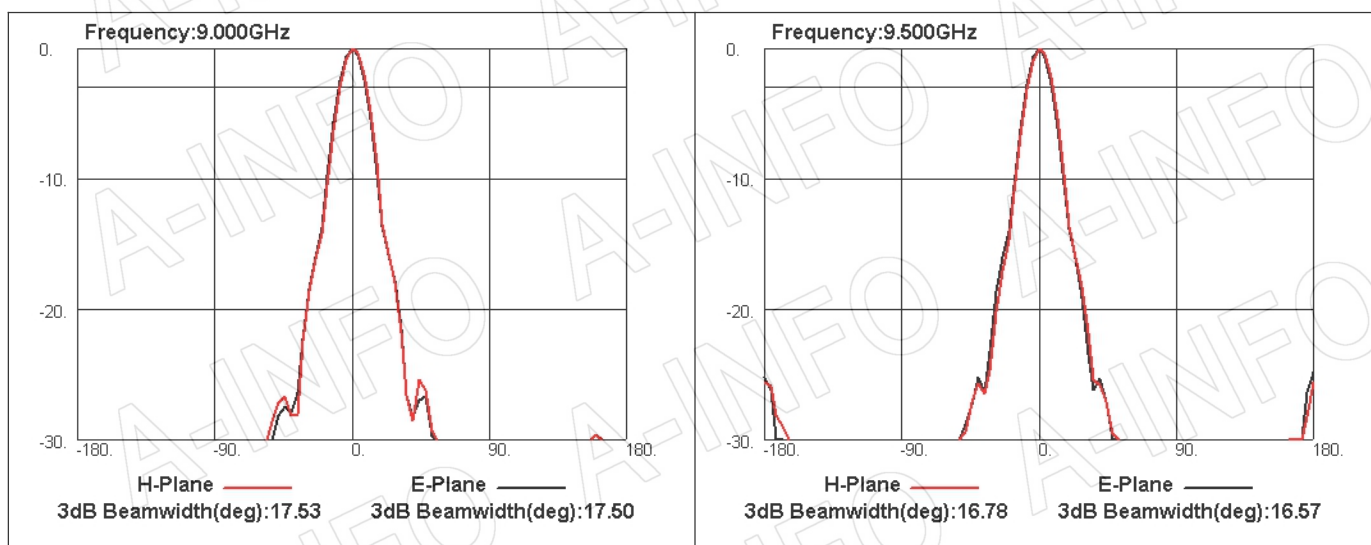
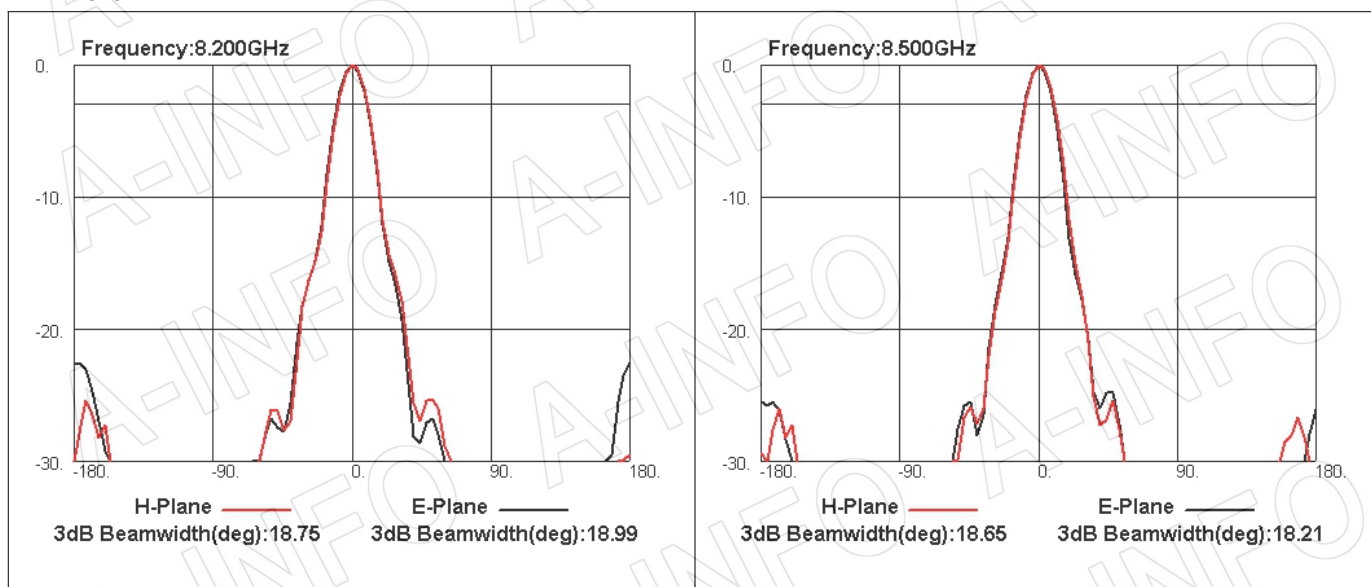
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Port-V



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