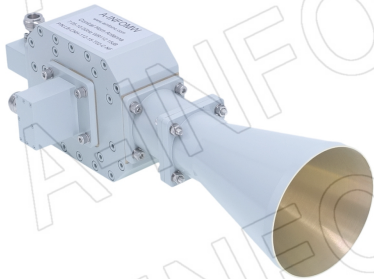


For reference only. See data sheet for the detailed specifications.

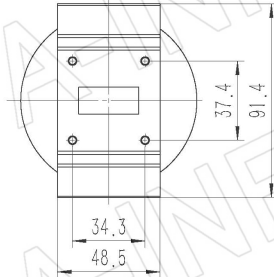
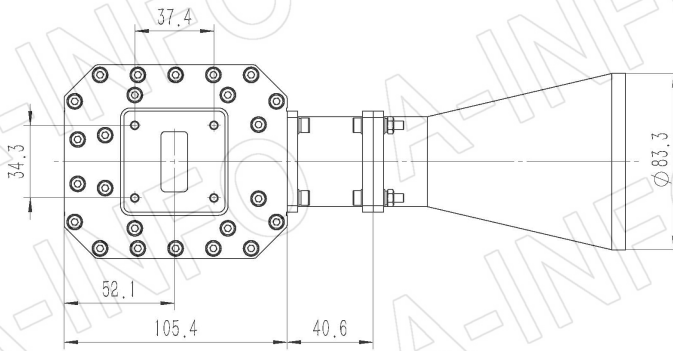
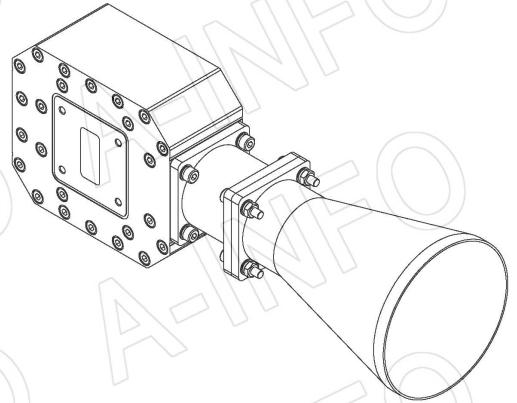
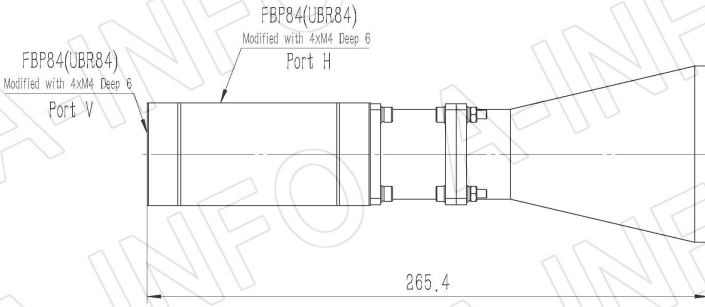
Technical Specification



Frequency Range(GHz)	7.05 – 10.0
Waveguide	WR112
Gain(dBi)	15 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 25 Typ.
	H Plane: 31 Typ.
Cross Pol. Isolation(dB)	45 Typ.
Port to Port Isolation(dB)	55 Typ. ; 45 Min.
VSWR	A Type: 1.60:1 Max.
	C Type: 1.80:1 Max.
Output	A Type: FBP84(UBR84) (Modified with 4xM4 Deep 6)
	C Type: N-Female or SMA-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 83.3 x 91.4 x 265.4
	C Type: 105.9 x 91.4 x 306.4
Net Weight(Kg)	A Type: 1.29 Around
	C Type: 1.48 Around

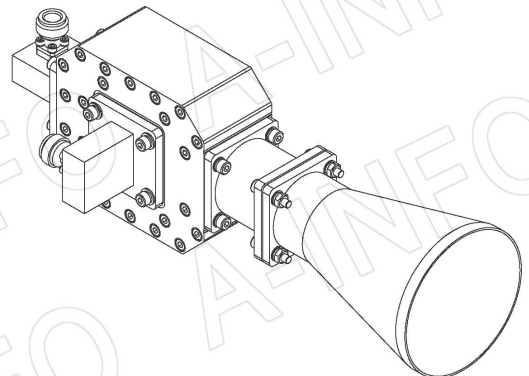
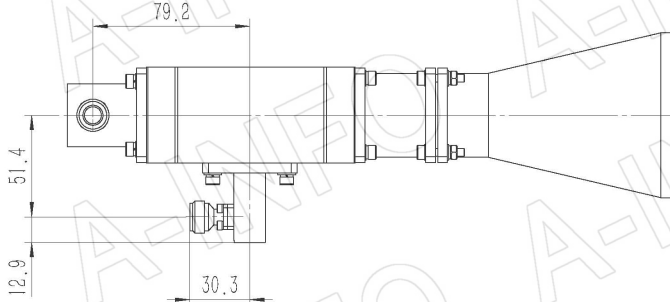
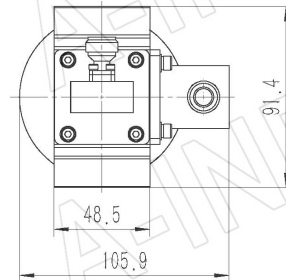
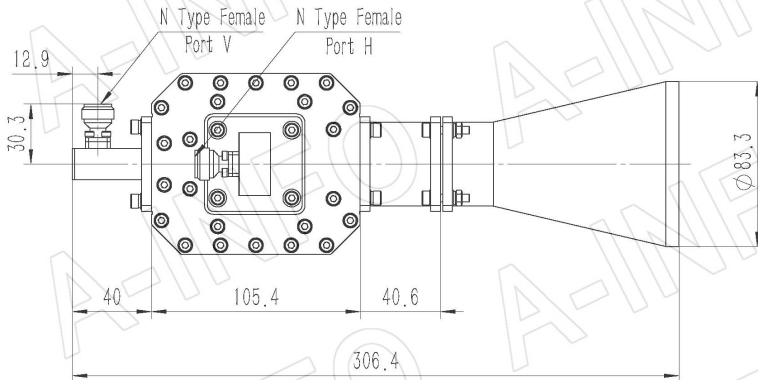
Outline Drawing (Size: mm)

FBP84 Output (P/N: LB-CNH-112-15-T02-A)



N-Female Output (P/N: LB-CNH-112-15-T02-C-NF)

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



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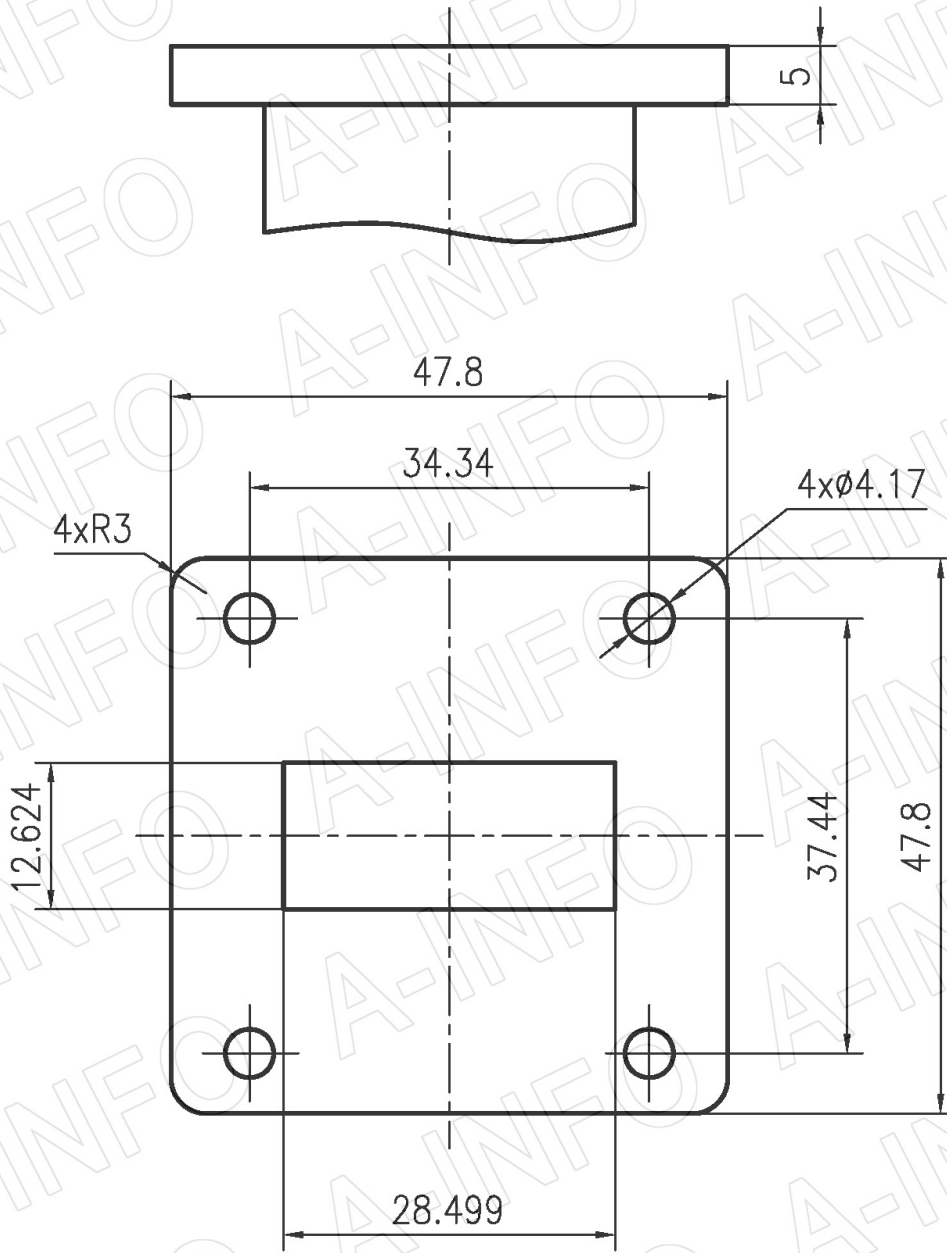
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA: Tel: (+1) 949-639-9688,

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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

Flange Drawing (Size: mm)



FBP84

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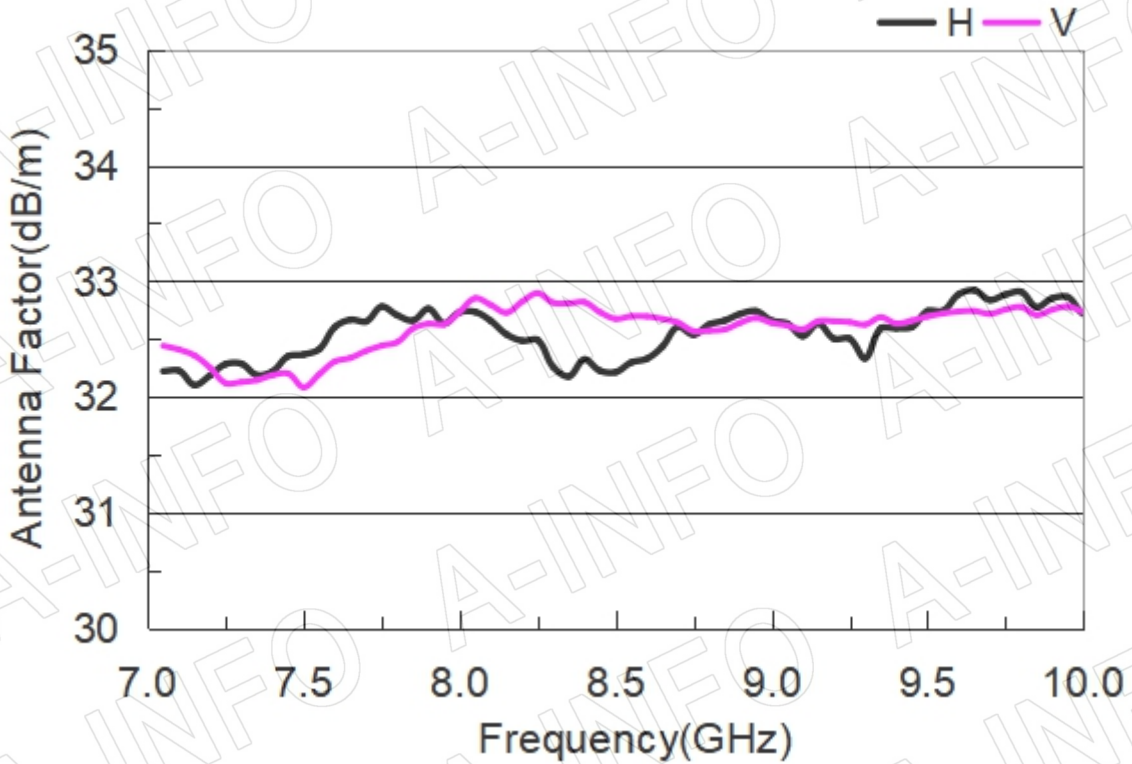
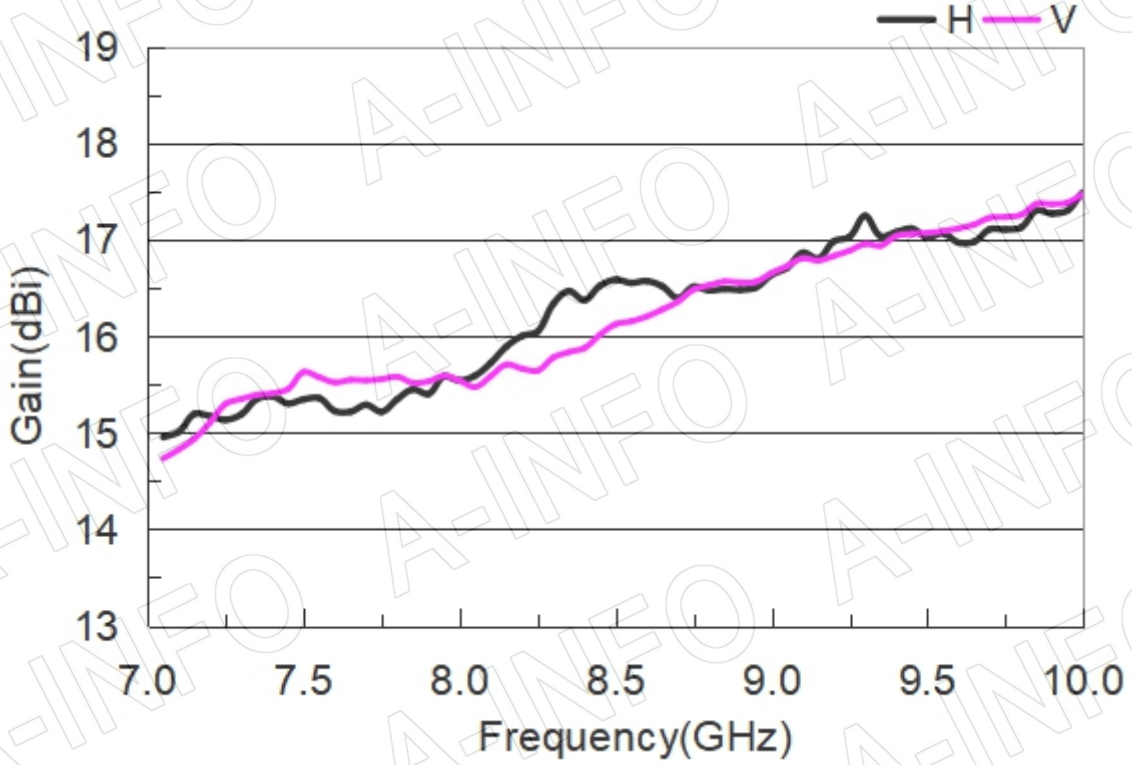
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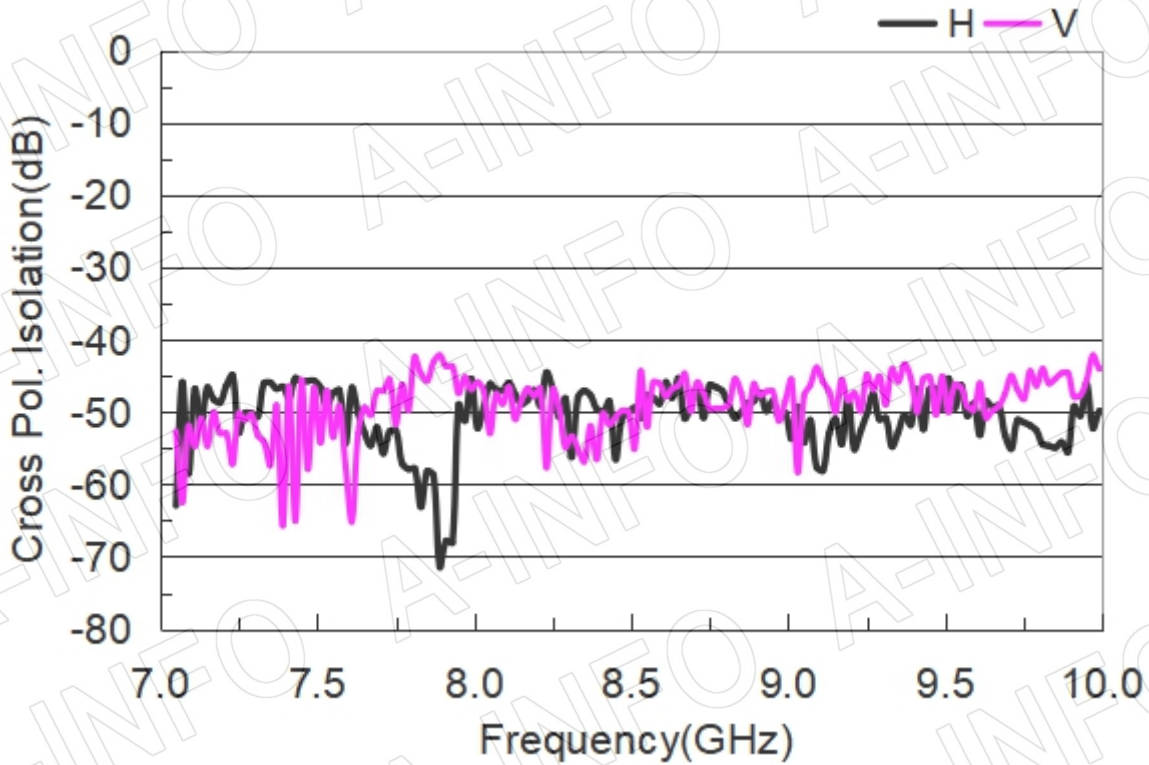
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Test Results

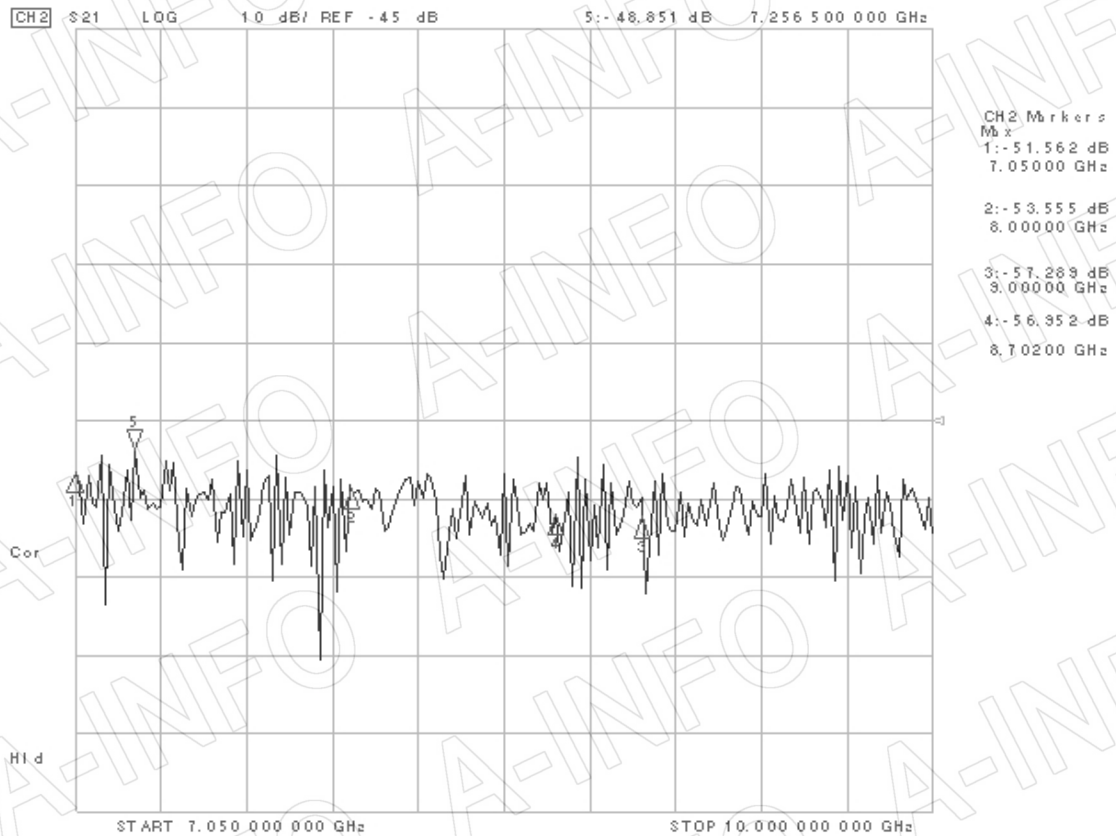
1. Gain & Antenna Factor



2. Cross Polarization Isolation

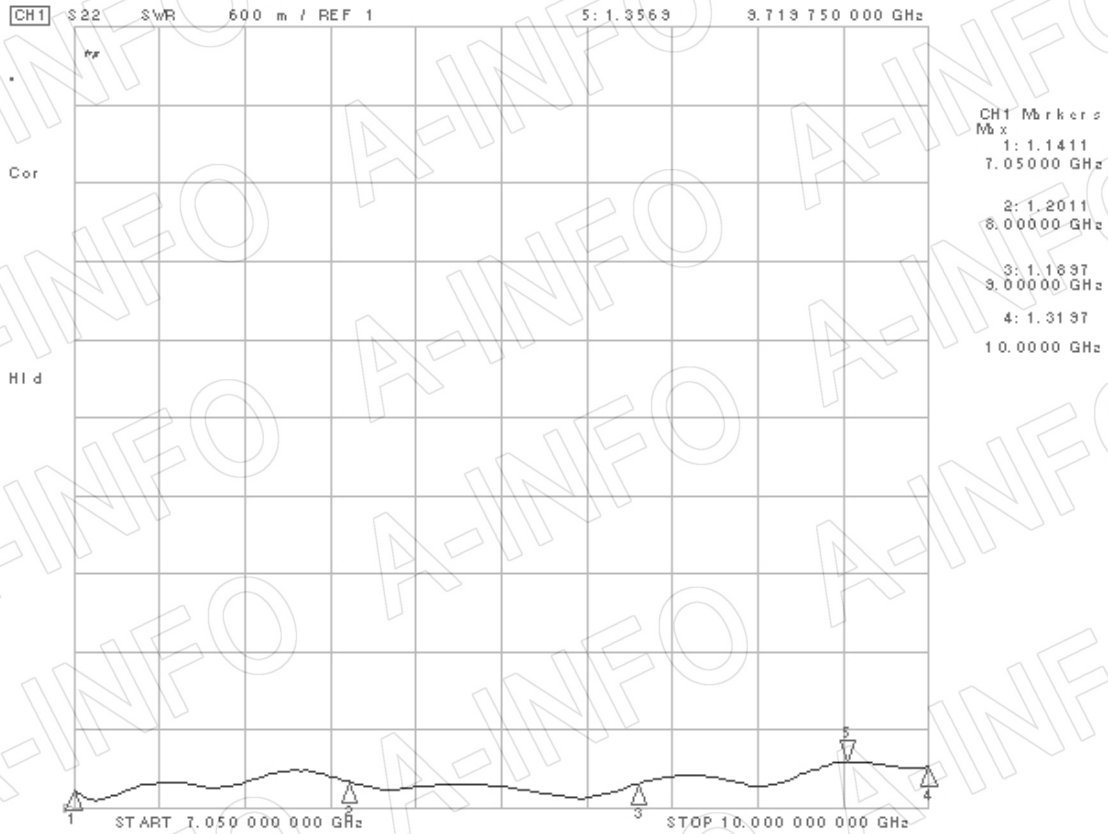


3. Port to Port Isolation

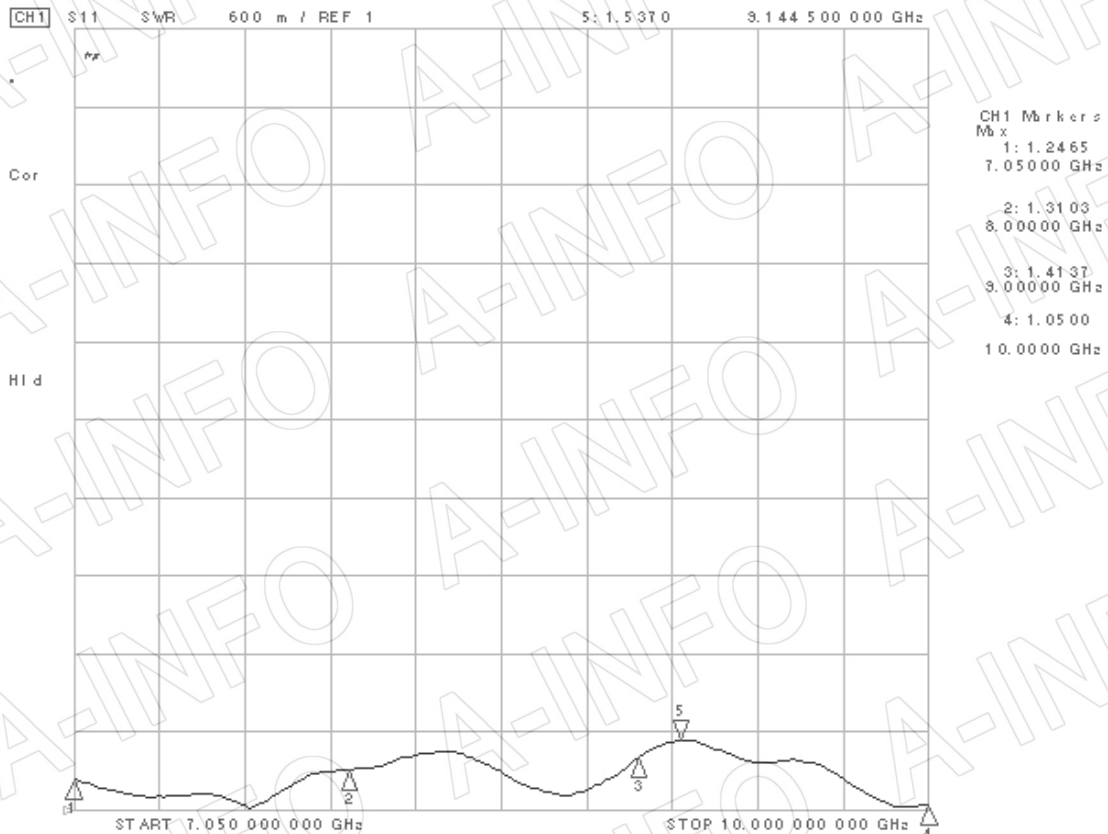


4. VSWR_A Type

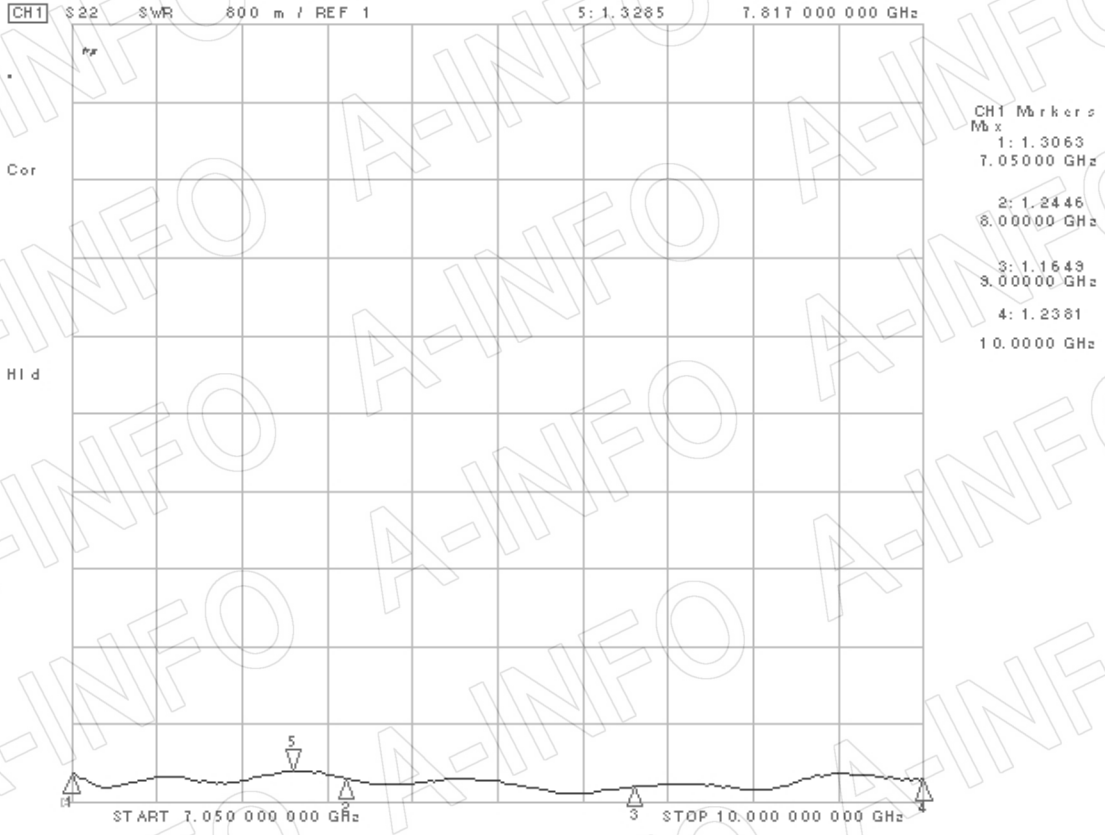
Port-H



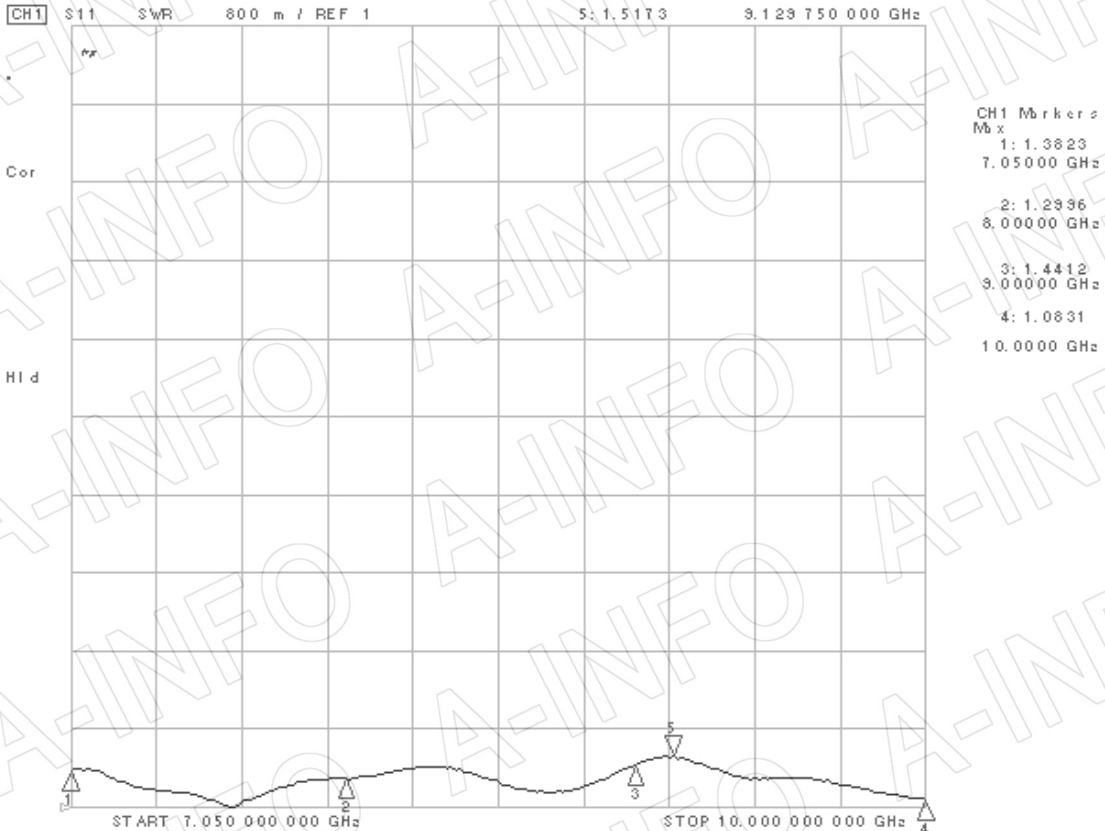
Port-V



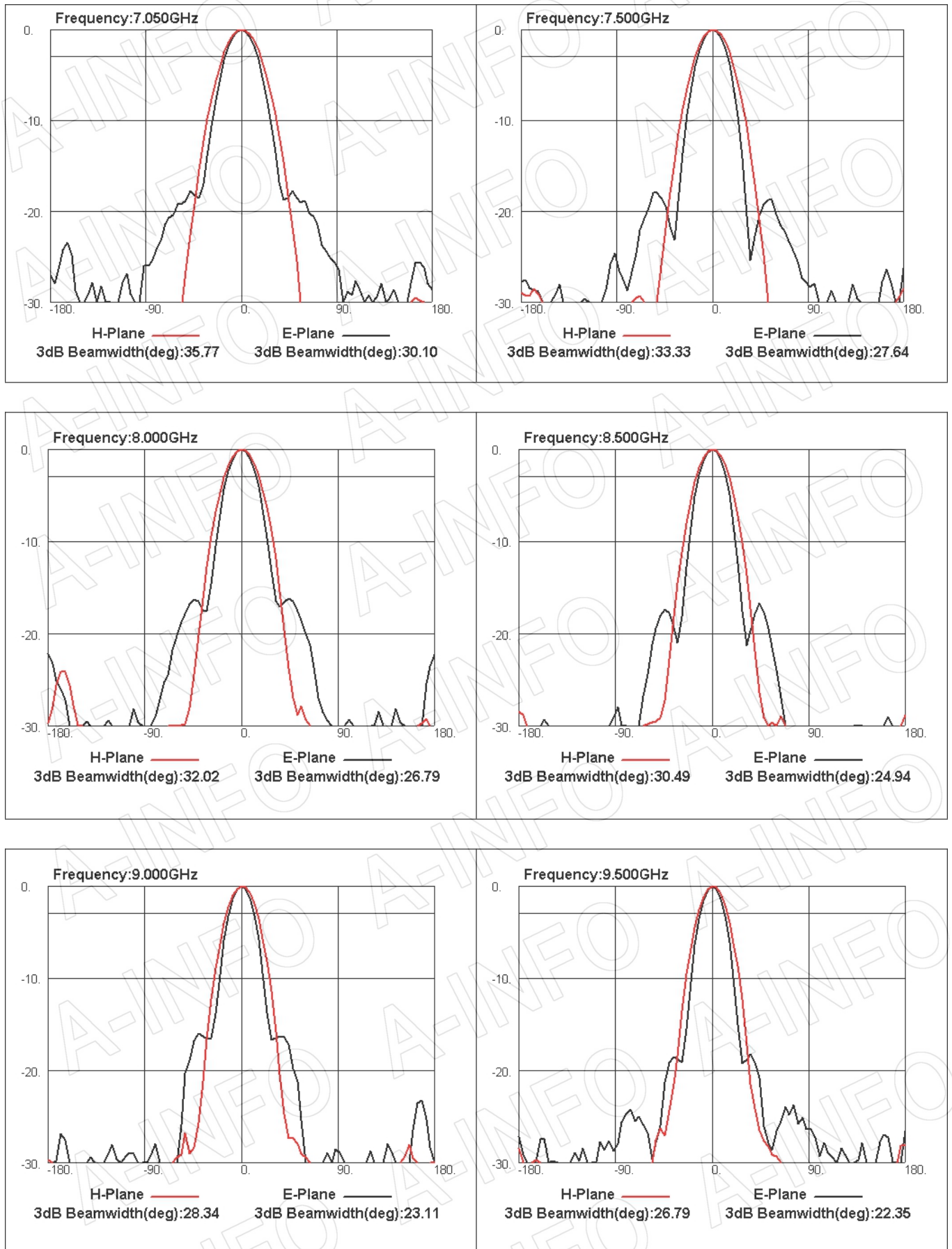
VSWR_C Type Port-H



Port-V



5. Pattern



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