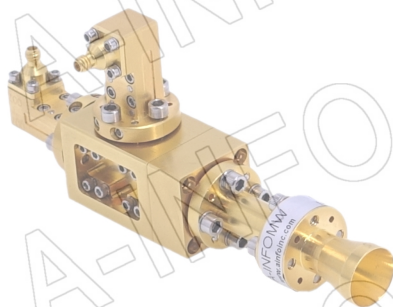


For reference only. See data sheet for the detailed specifications.

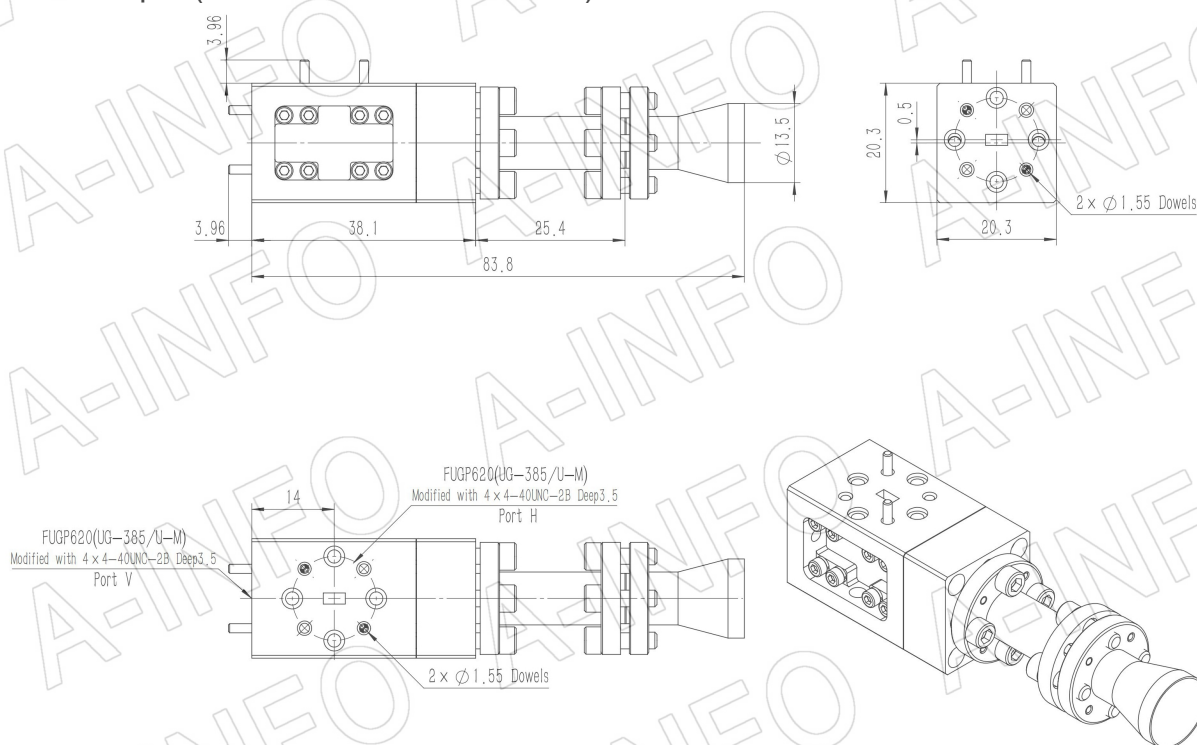
Technical Specification



Frequency Range(GHz)	A Type, WG output:	54.0 – 71.0
	C Type, 1.0mm-F:	54.0 – 71.0
	C Type, 1.85mm-F:	54.0 – 65.0
Waveguide	WR15	
Gain(dBi)	15 Typ.	
Polarization	Dual Linear	
3dB Beamwidth(deg)	E Plane:	23 Typ.
	H Plane:	29 Typ.
Cross Pol. Isolation(dB)	40 Typ.	
Port to Port Isolation(dB)	45 Typ. ; 35 Min.	
VSWR	A Type:	1.80:1 Max.
	C Type:	2.40:1 Max.
Output	A Type:	FUGP620(UG-385/U)
	C Type:	1.0mm-Female or 1.85mm-Female
Material	Cu	
Finish	Gold Plated	
Size(mm)	A Type:	20.3 x 20.3 x 83.8
	C Type:	25.6 x 45.7 x 109.2
Net Weight(Kg)	A Type:	0.15 Around
	C Type:	0.20 Around

Outline Drawing (Size: mm)

FUGP620 Output (P/N: LB-CN15-15-T16-A)



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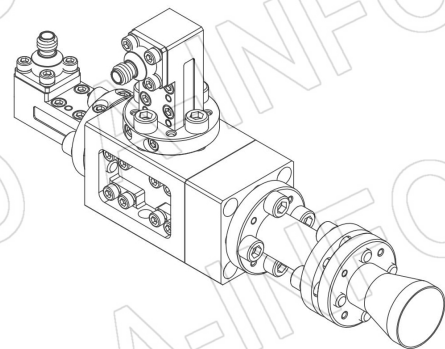
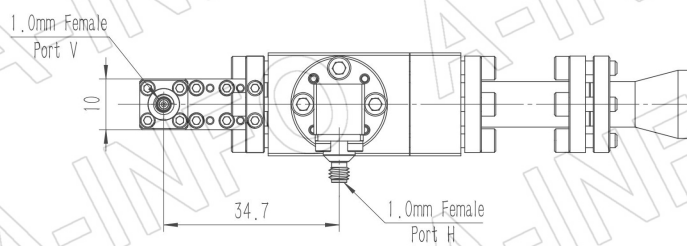
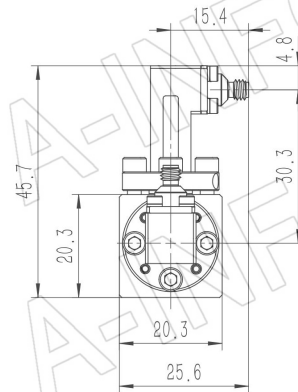
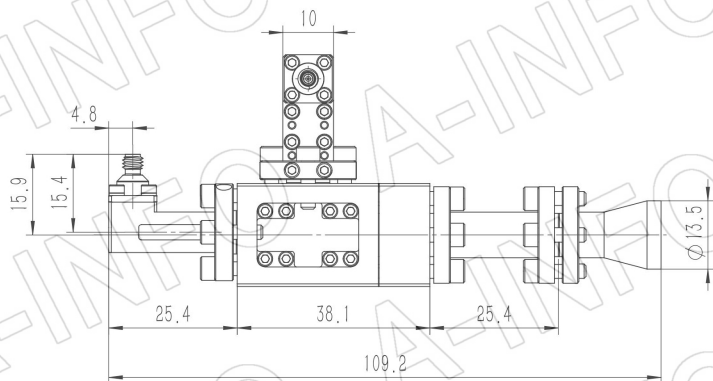
Page 1 of 13

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

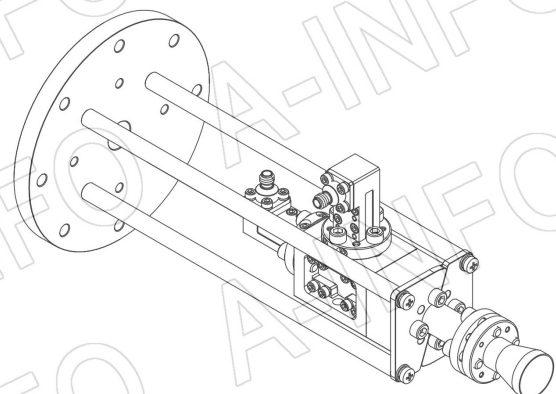
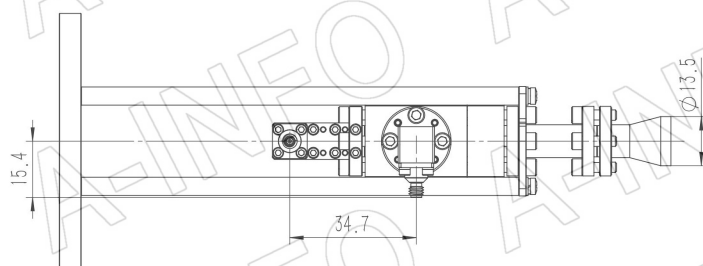
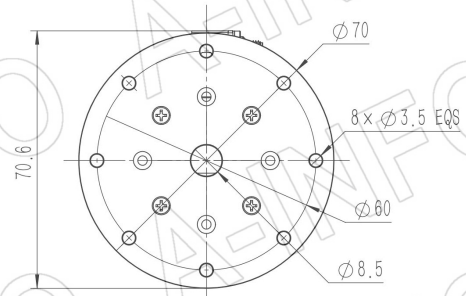
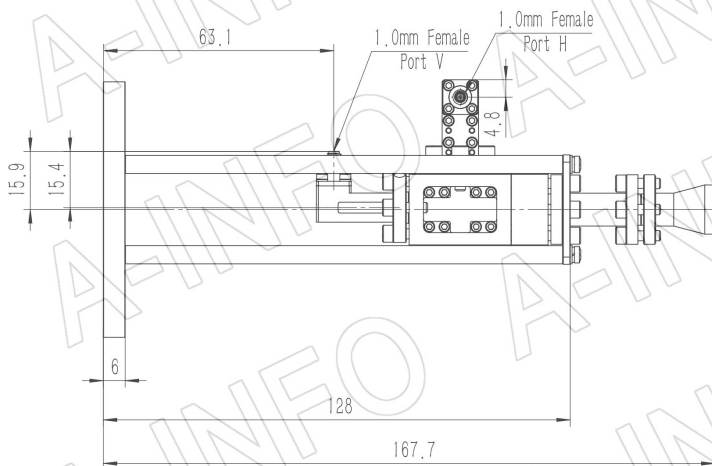
1.0mm-Female Output (P/N: LB-CNH-15-15-T16-C-1.0F)

For 1.85mm-Female output outline drawing, please contact A-INFO.



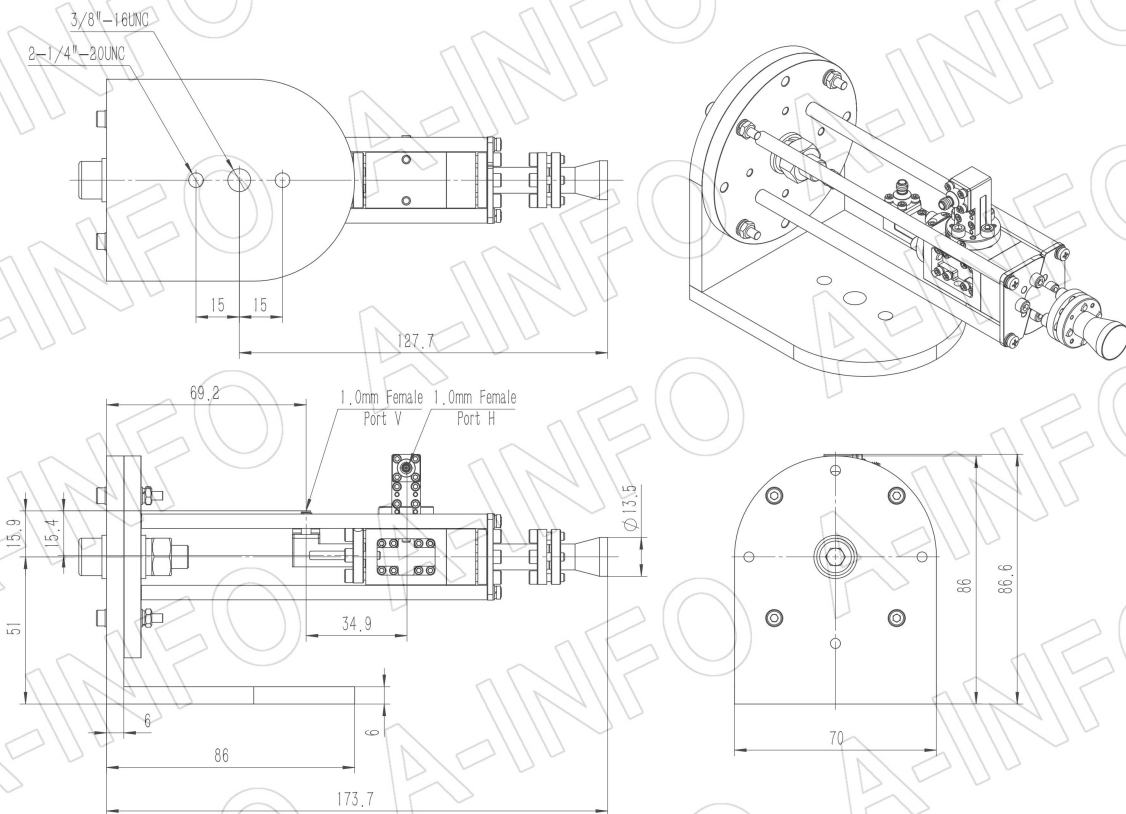
1.0mm-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-15-15-MB)

For 1.85mm-Female output outline drawing, please contact A-INFO.

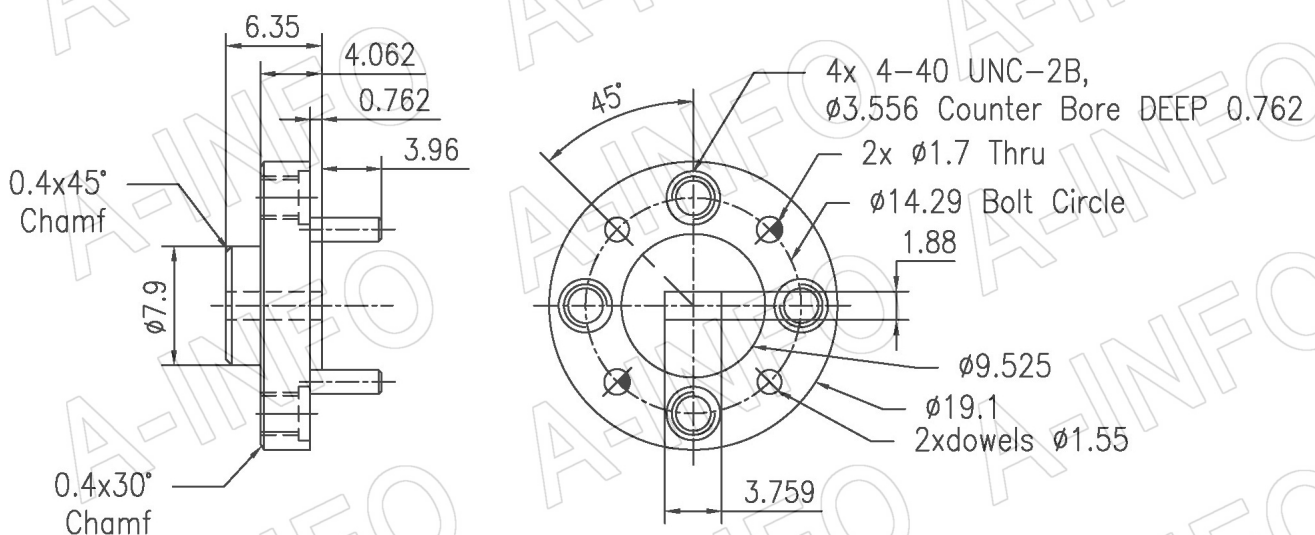


1.0mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-15-15-MBL)

For 1.85mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FUGP620
(equivalent to UG-385/U)

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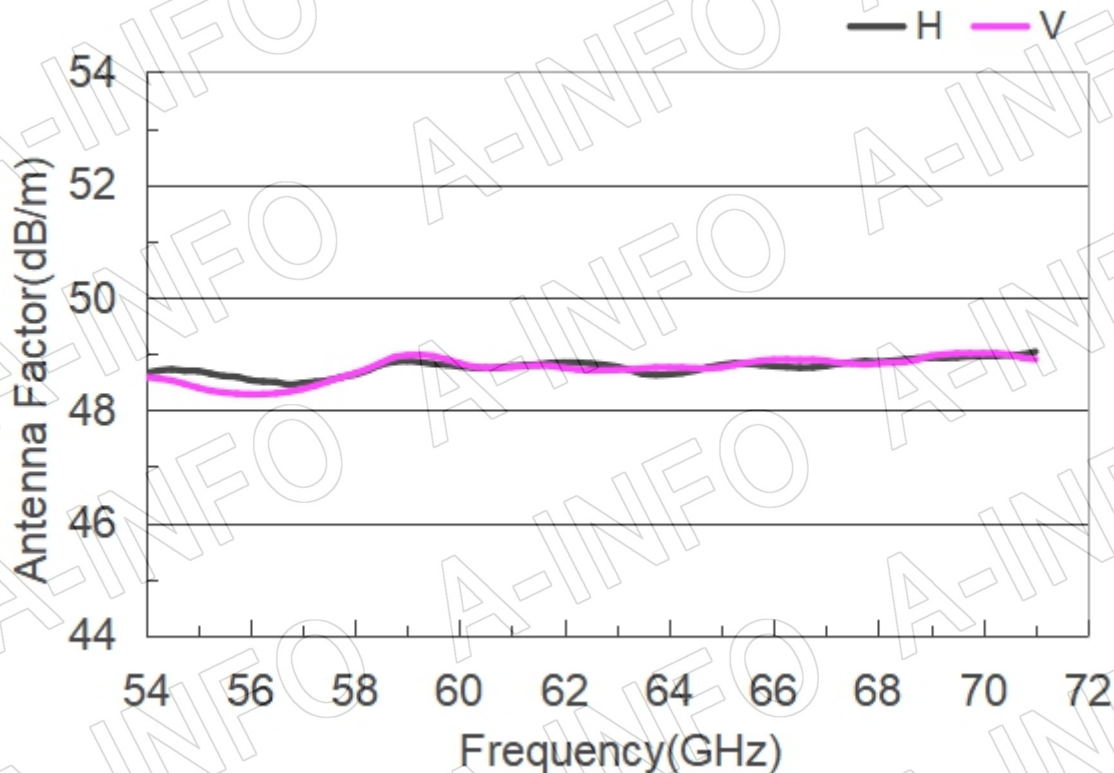
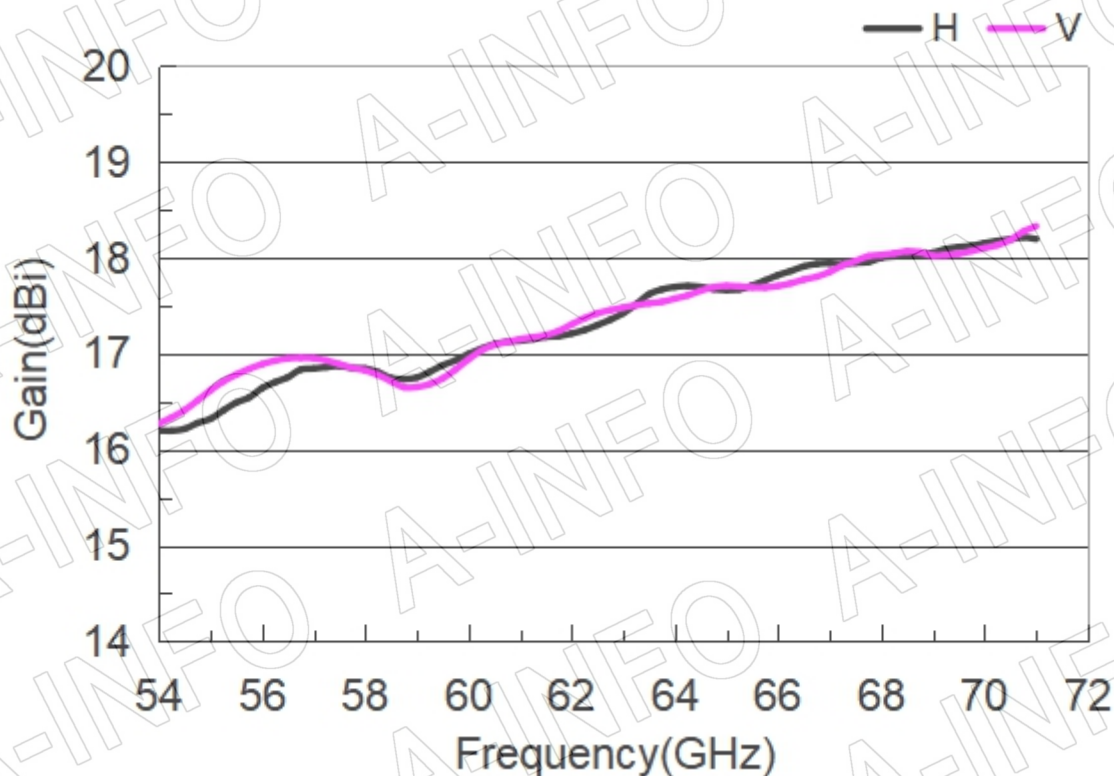
Page 3 of 13

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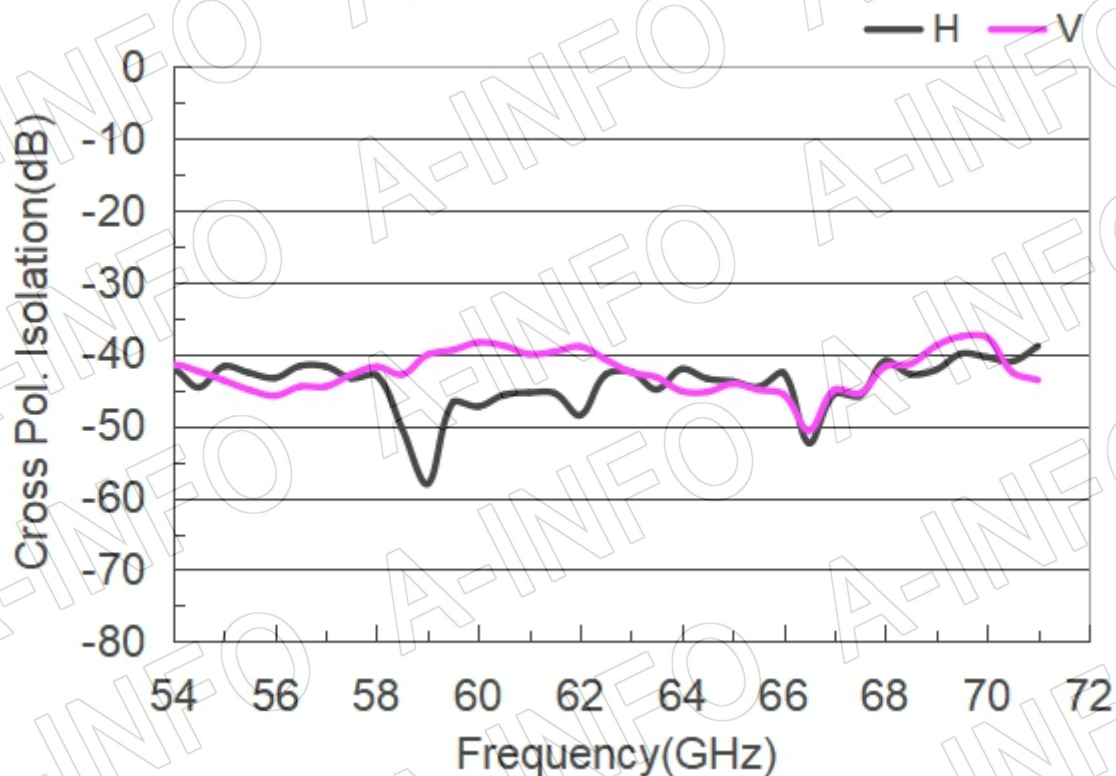
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

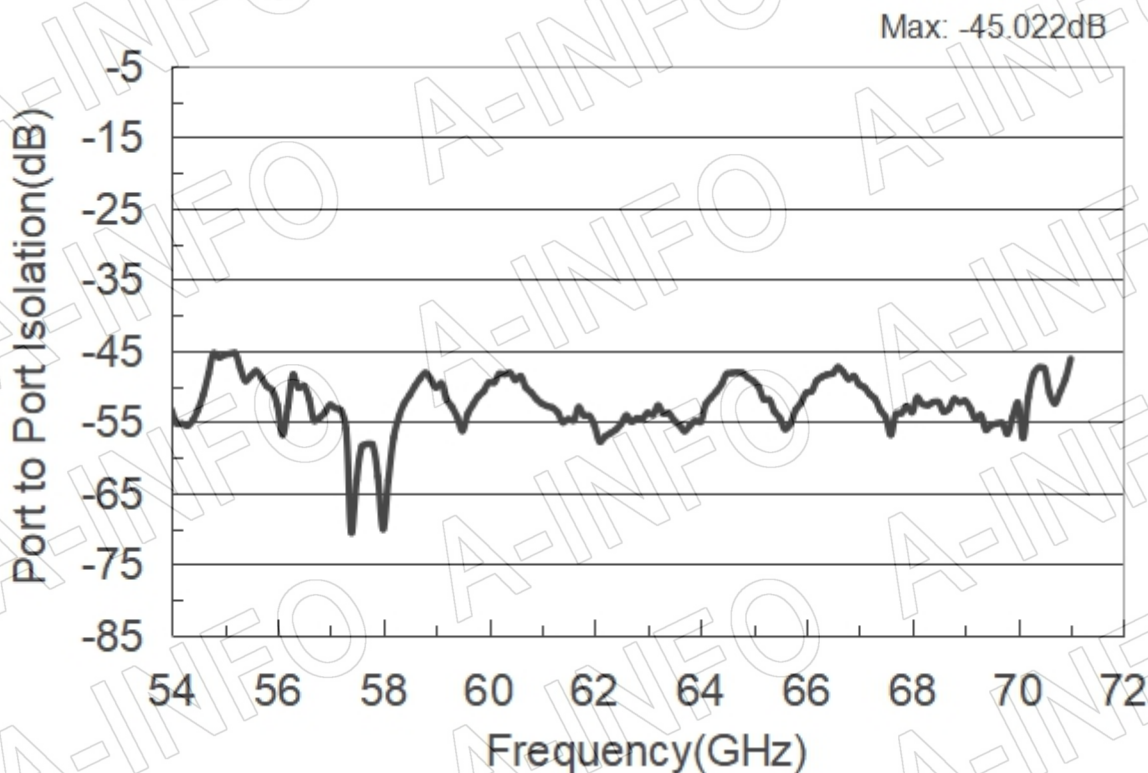
1. Gain & Antenna Factor



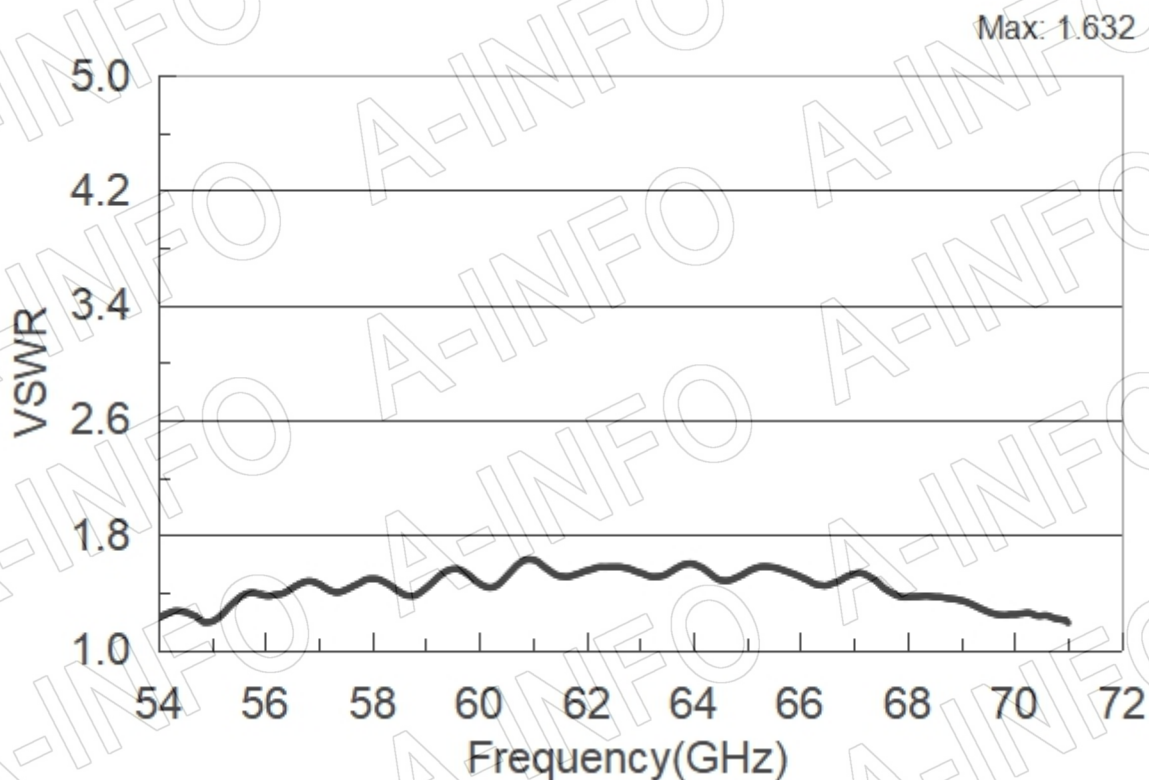
2. Cross Polarization Isolation



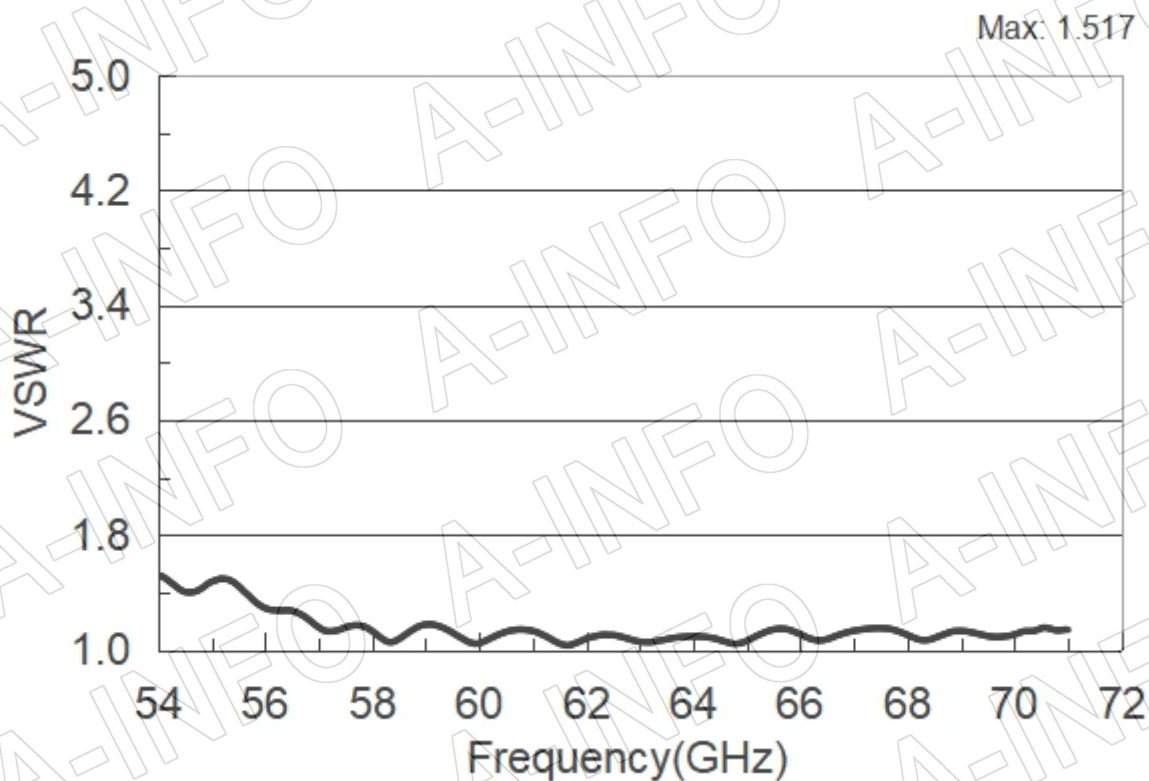
3. Port to Port Isolation



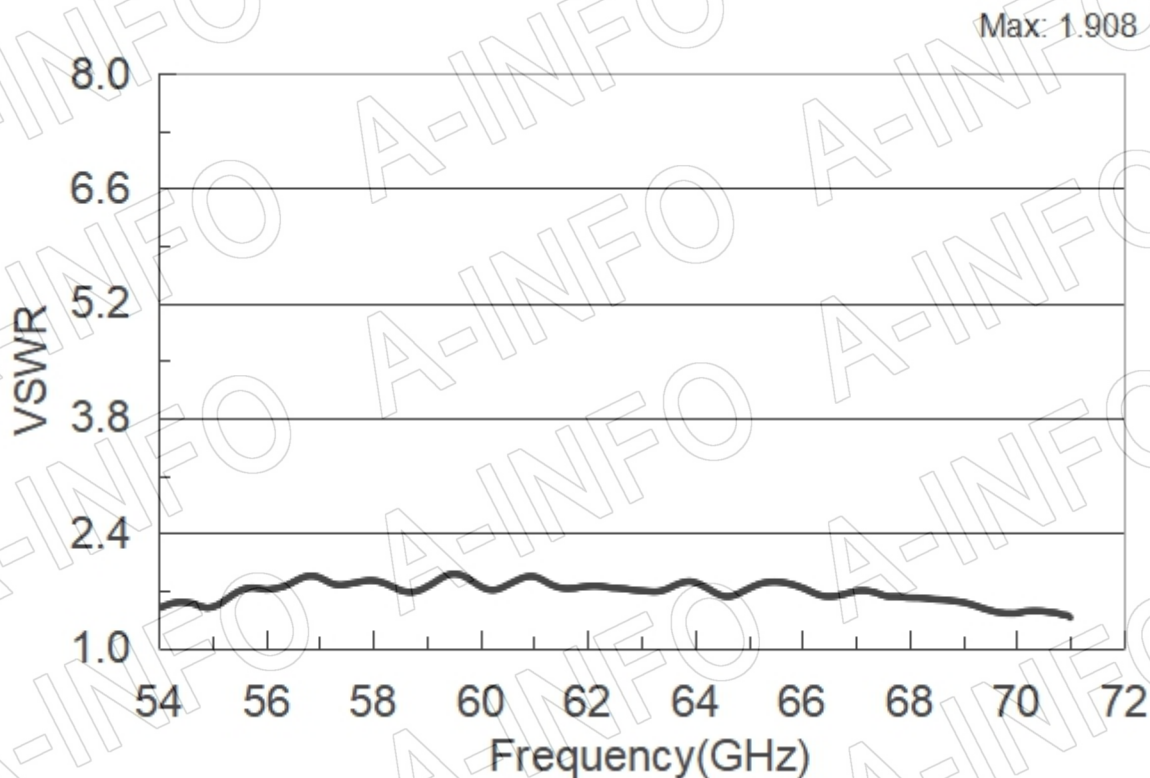
4. VSWR_A Type Port-H



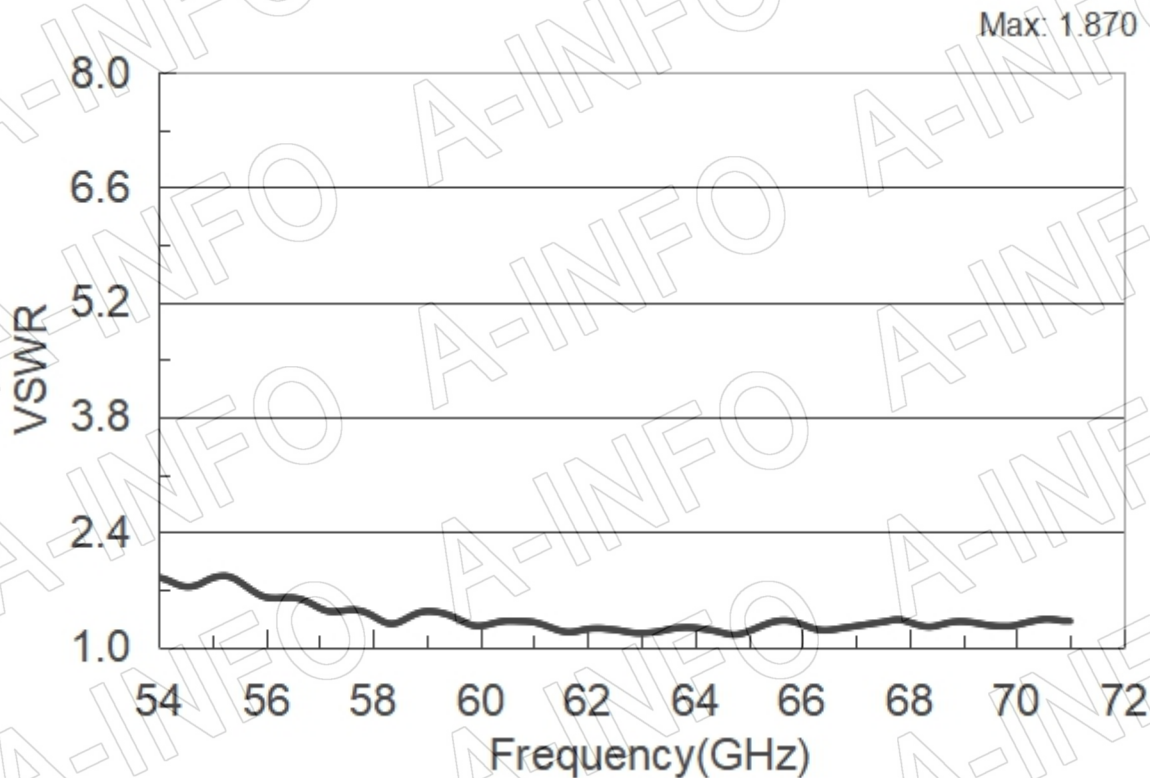
Port-V



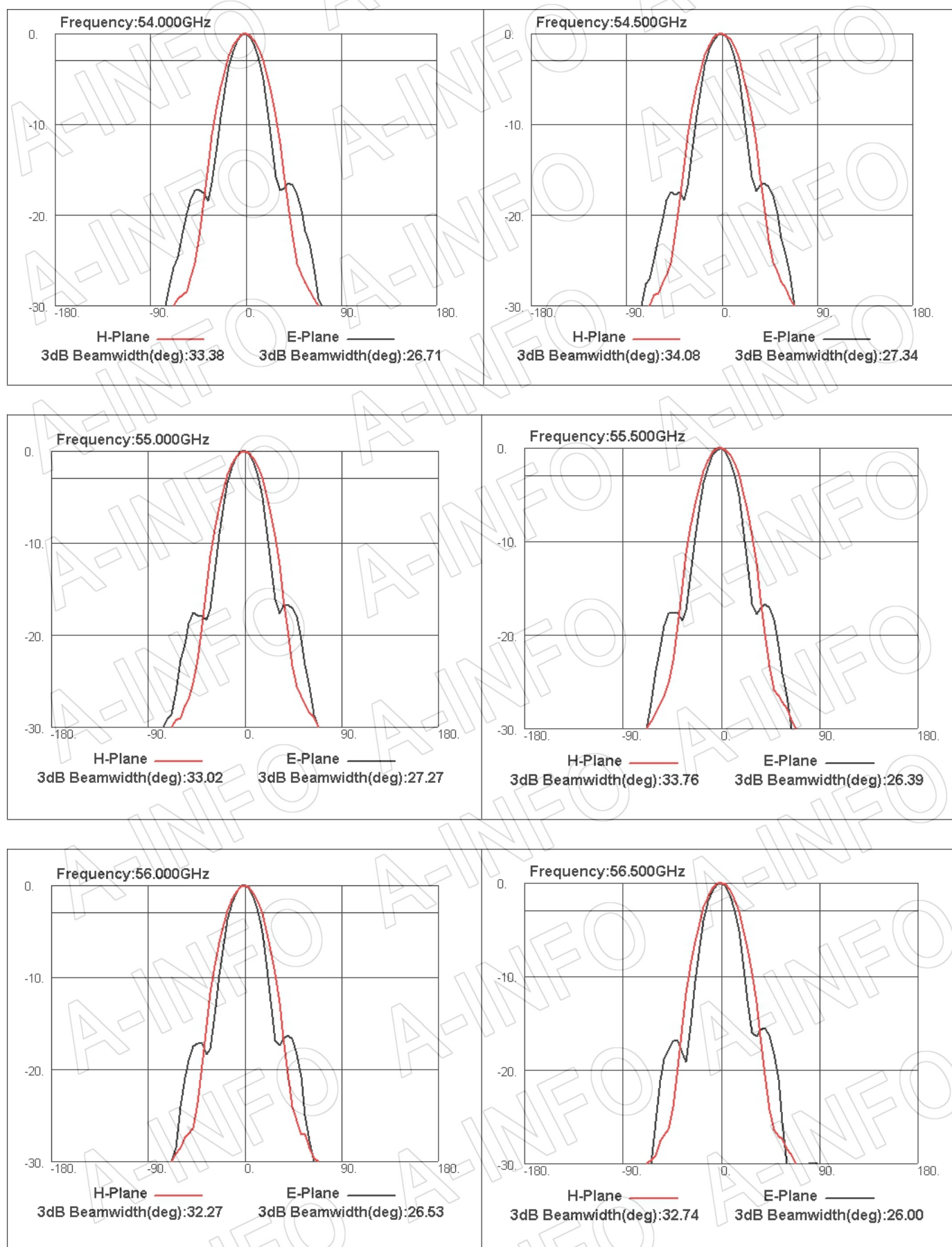
VSWR_C Type
Port-H



Port-V



5. Pattern



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Page 8 of 13

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