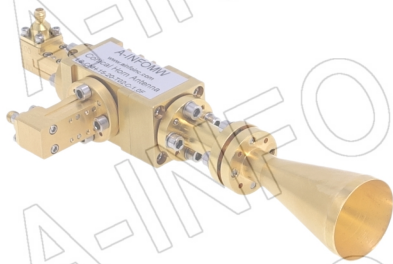


For reference only. See data sheet for the detailed specifications.

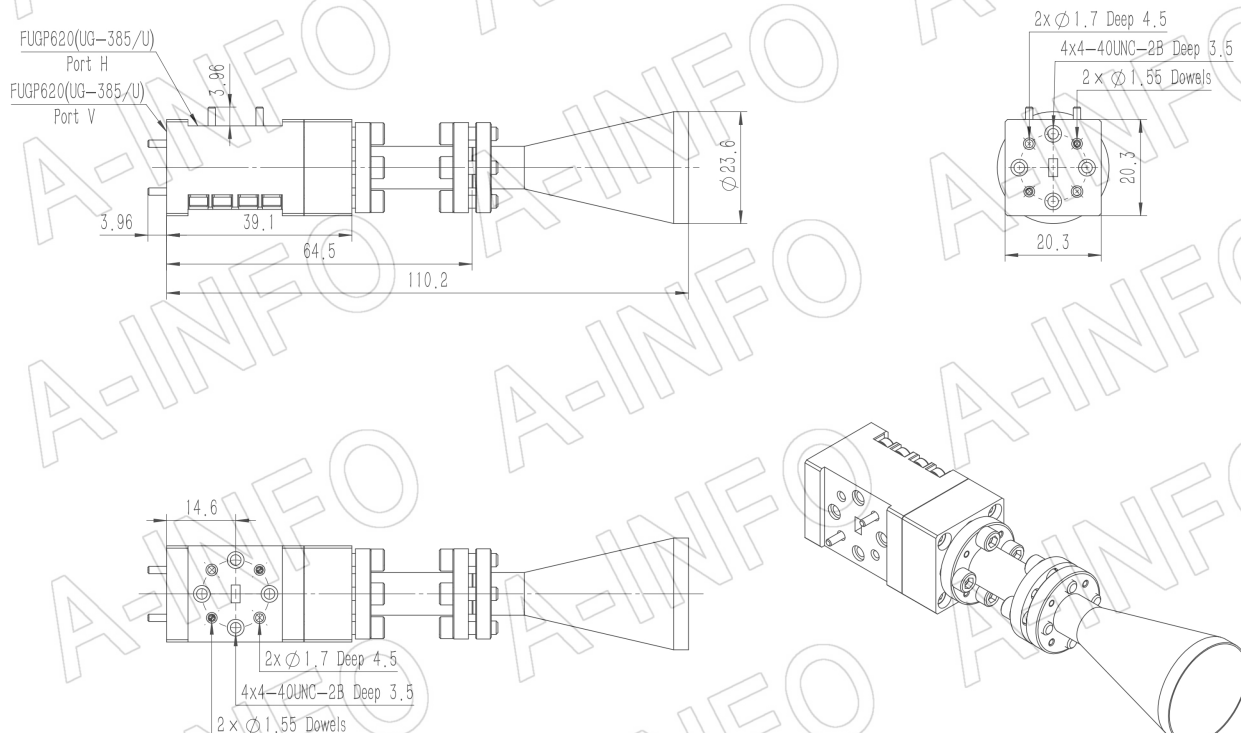
Technical Specification



Frequency Range(GHz)	A Type, WG output: 50.0 – 75.0
	C Type, 1.0mm-F: 50.0 – 75.0
	C Type, 1.85mm-F: 50.0 – 65.0
Waveguide	WR15
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 13 Typ.
	H Plane: 16 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: 23.6 x 23.6 x 110.2
	C Type: 46.1 x 27.2 x 135.6
Net Weight(Kg)	A Type: 0.17 Around
	C Type: 0.22 Around

Outline Drawing (Size: mm)

FUGP620 Output (P/N: LB-CN-15-20-T02-A)



AINFO Inc.

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

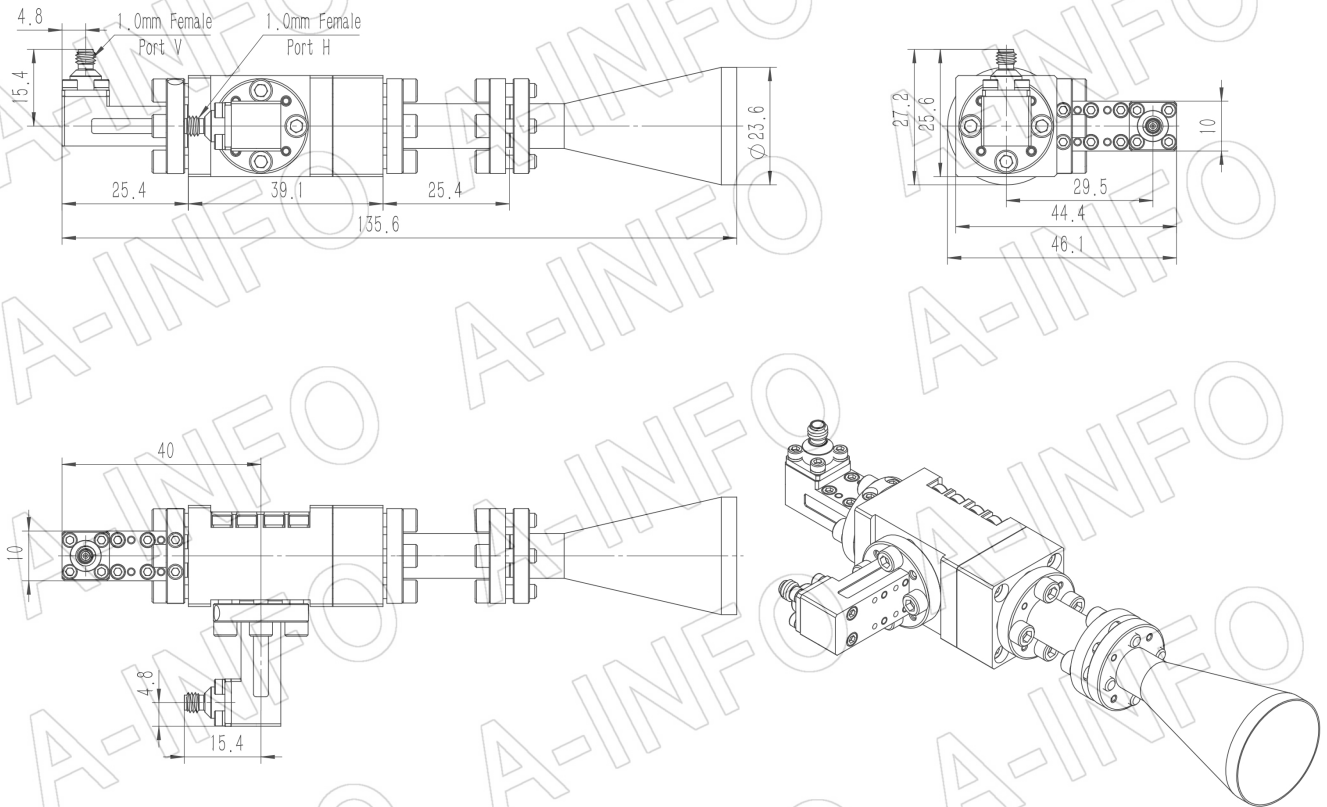
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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

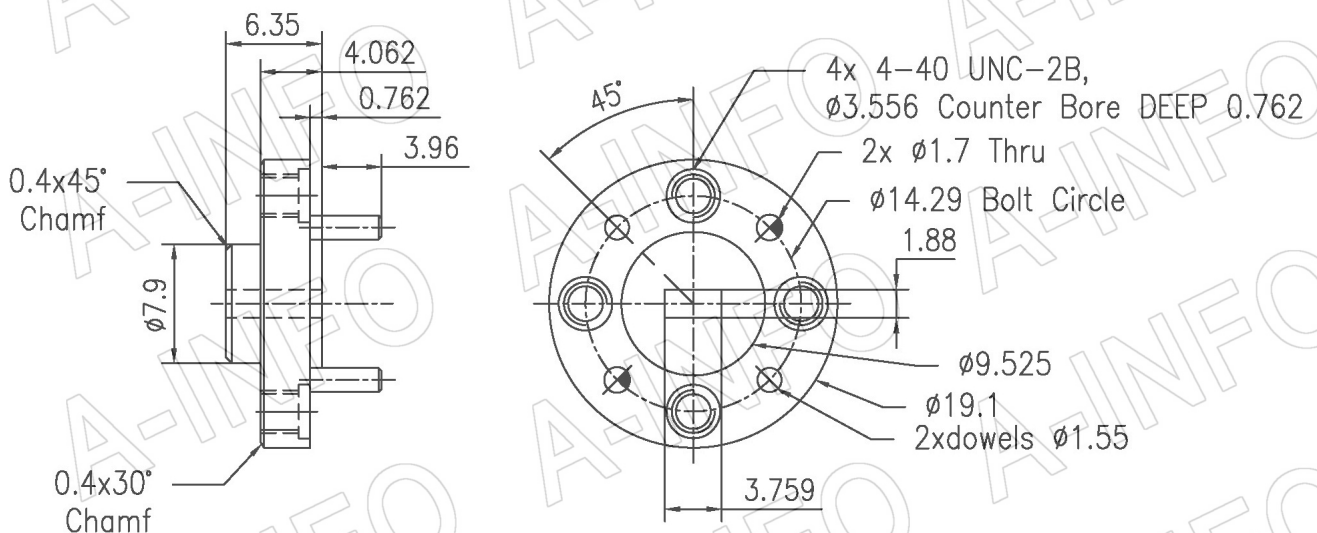
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

1.0mm-Female Output (P/N: LB-CNH-15-20-T02-C-1.0F)

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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USA: Tel: (+1) 949-639-9688,

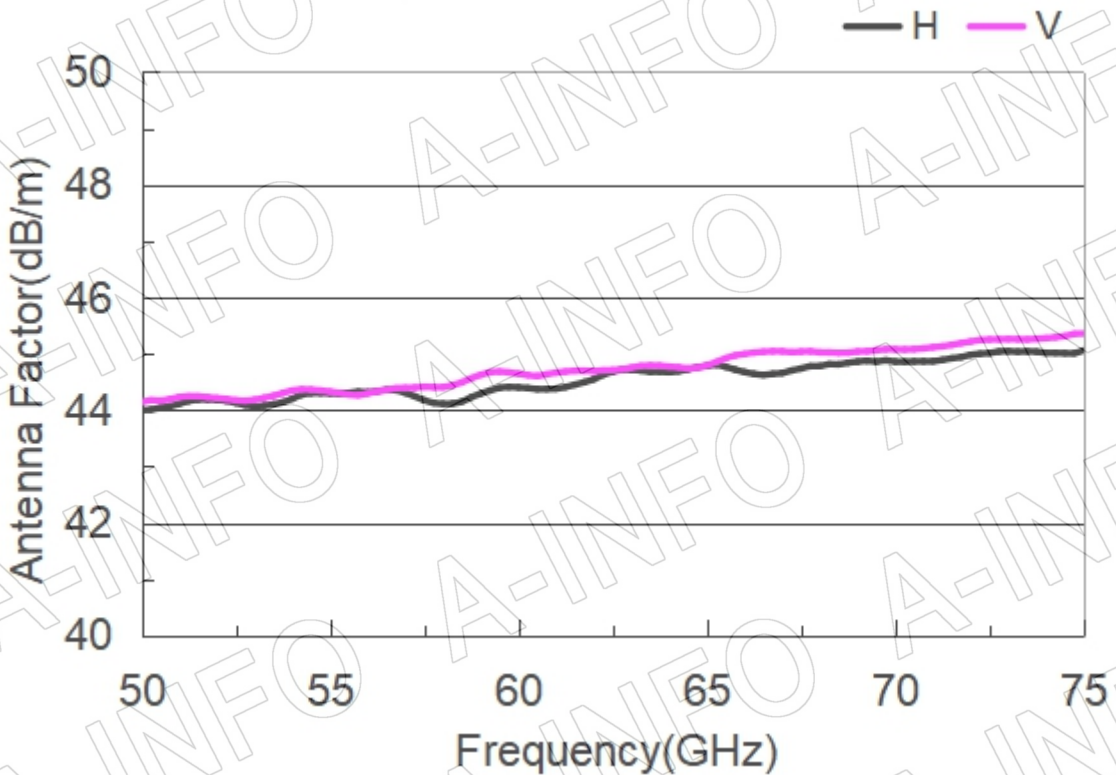
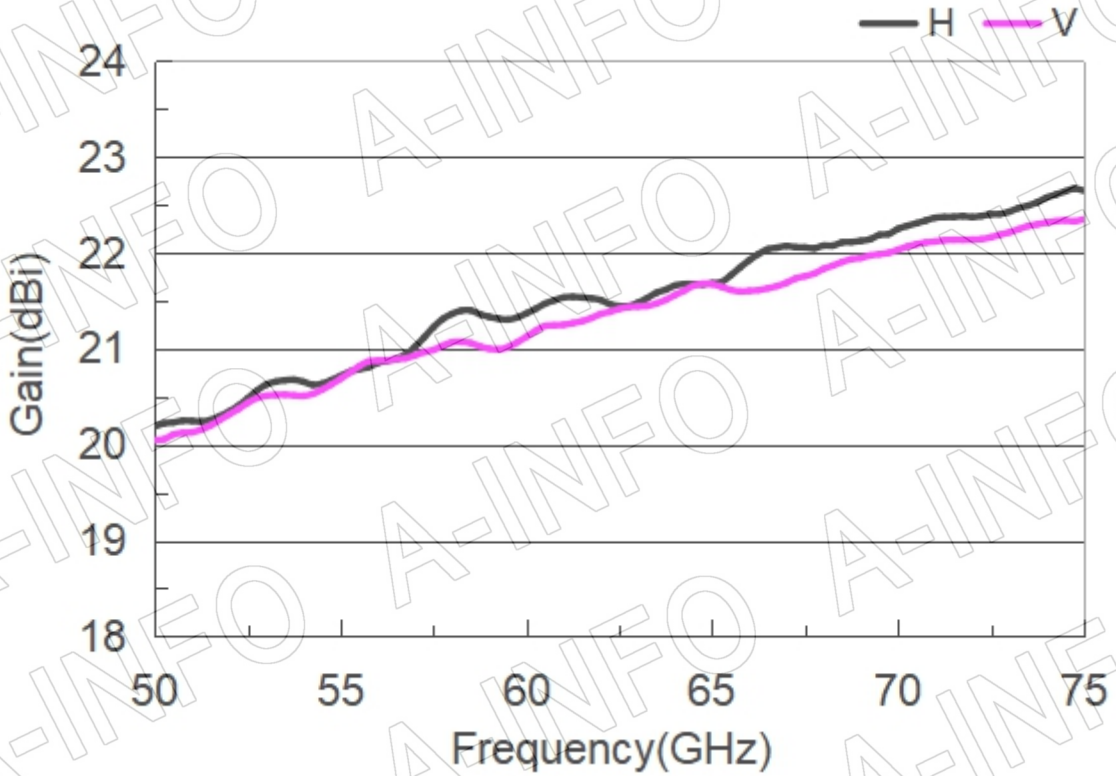
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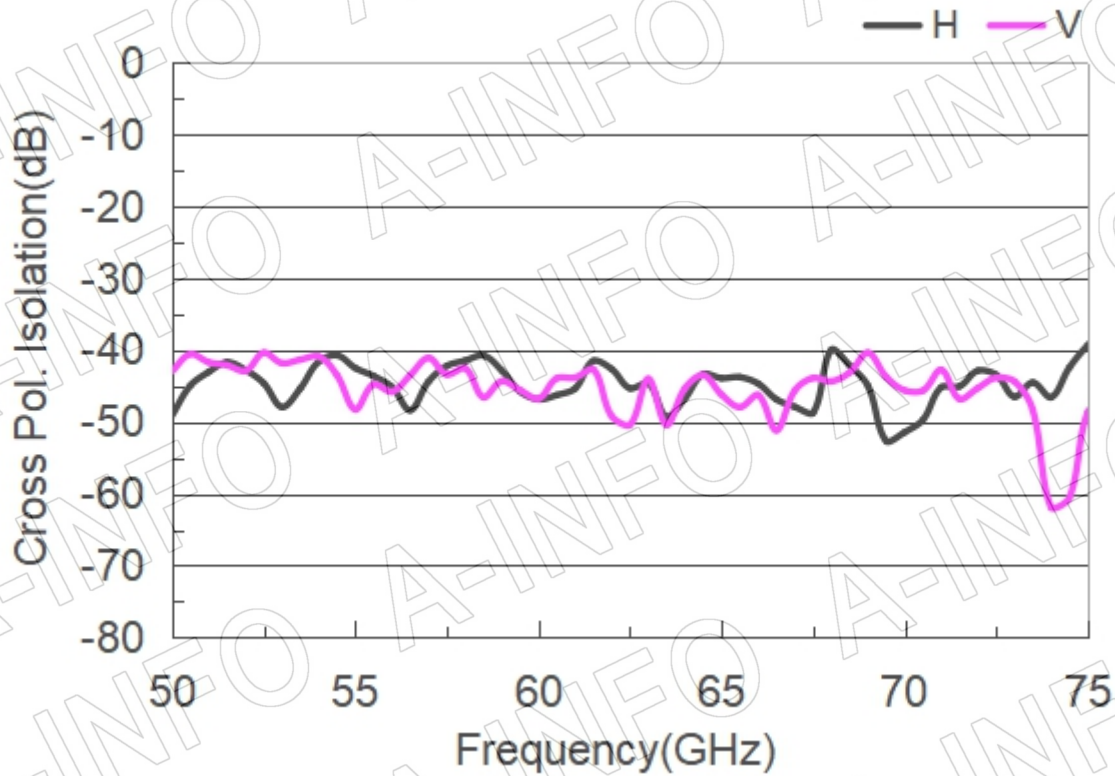
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

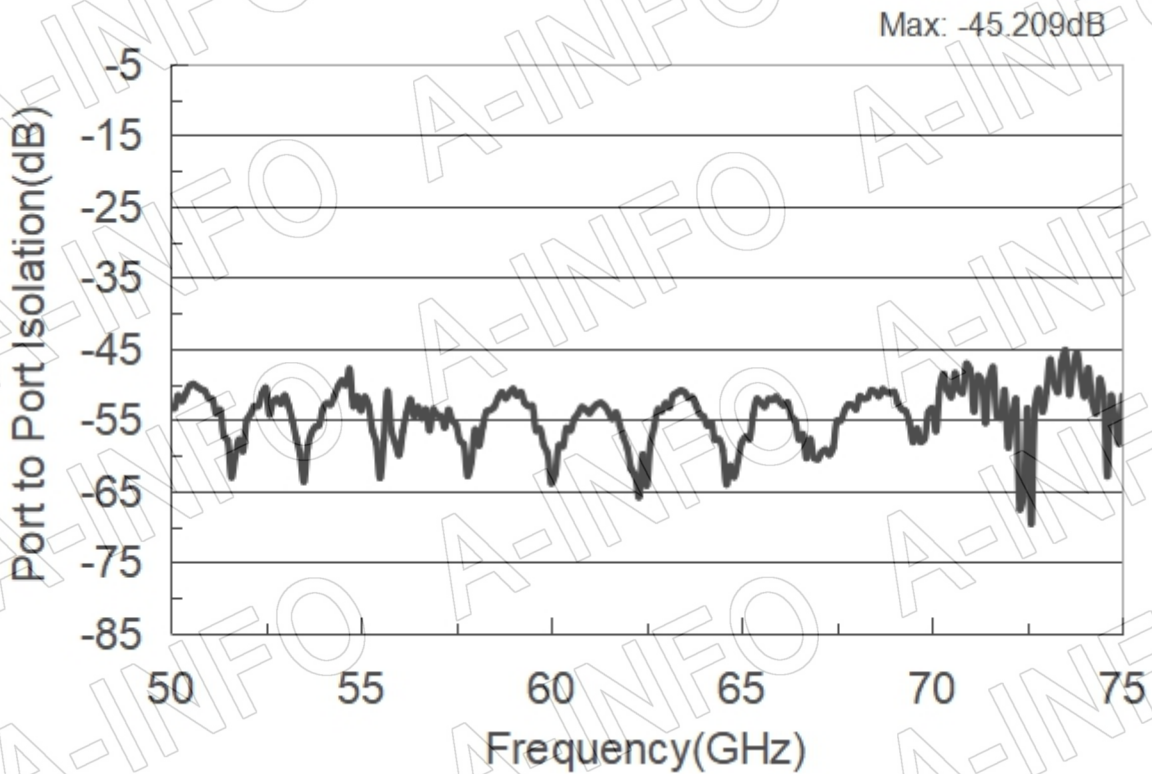
1. Gain & Antenna Factor



2. Cross Polarization Isolation

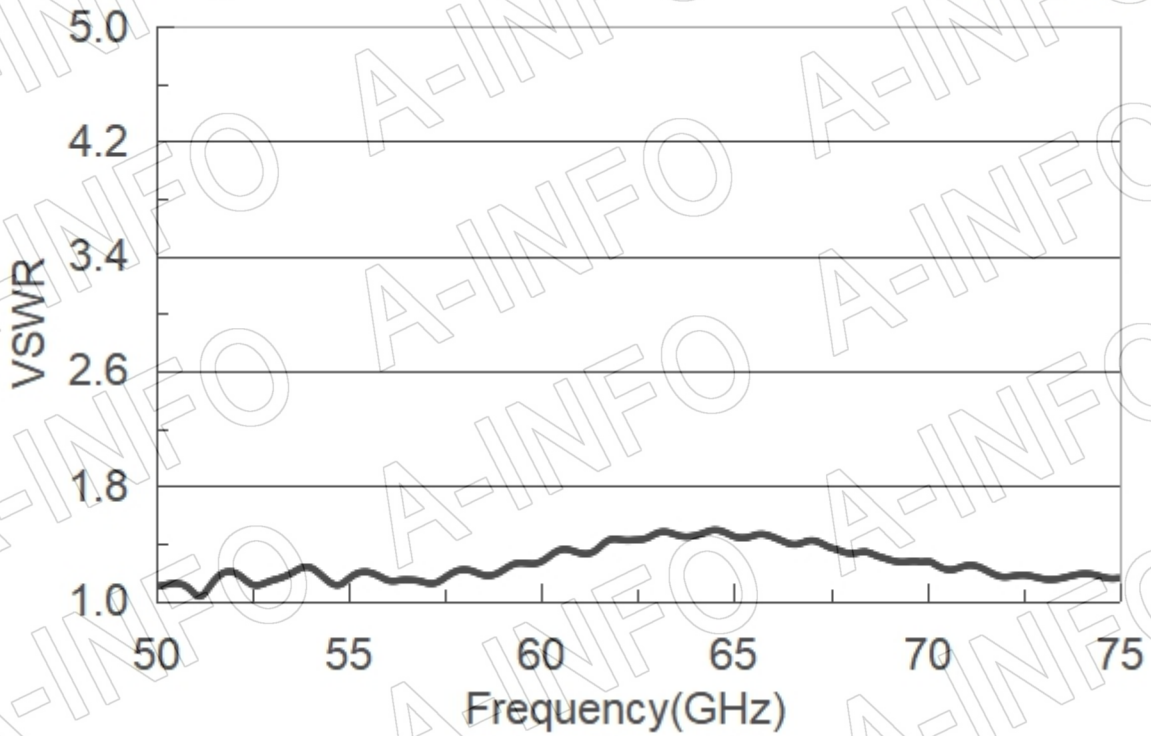


3. Port to Port Isolation



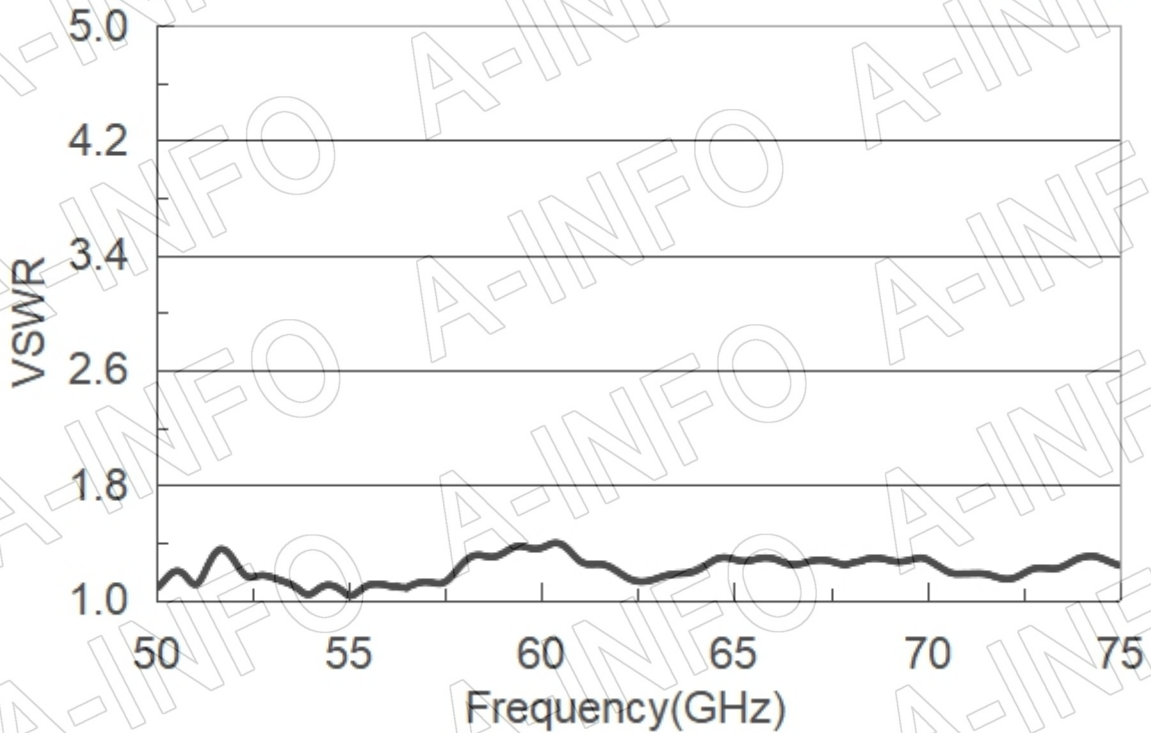
4. VSWR_A Type Port-H

Max: 1.496



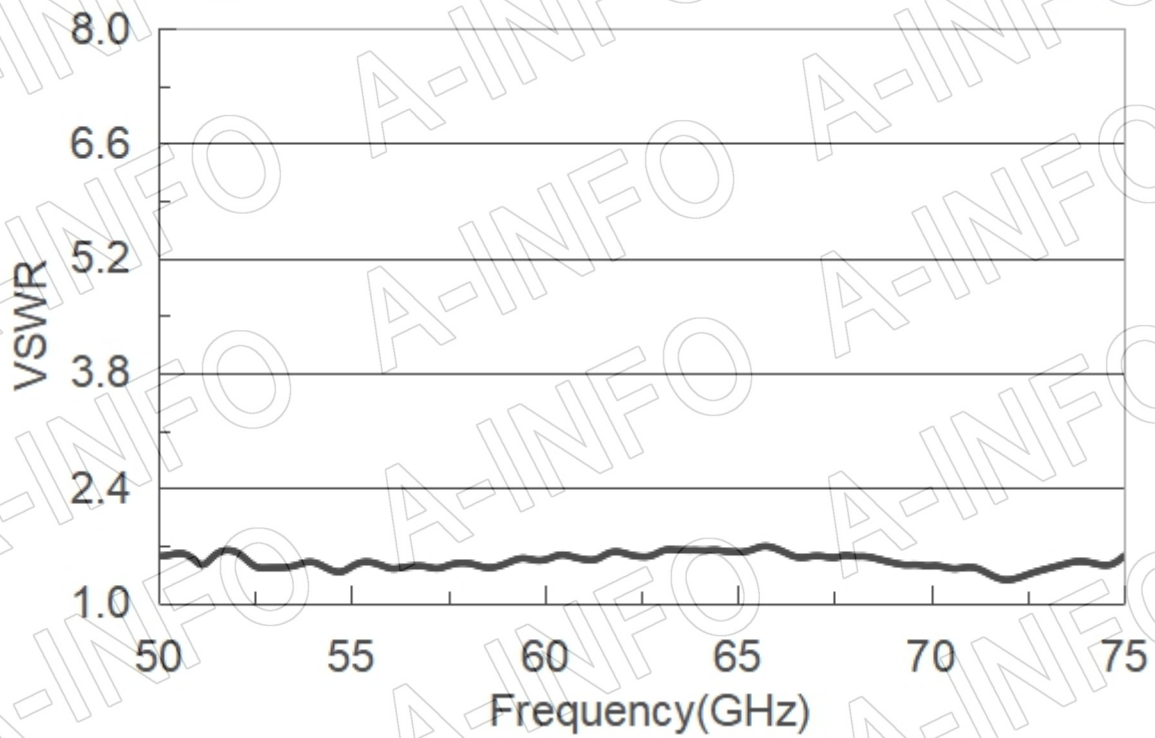
Port-V

Max: 1.398



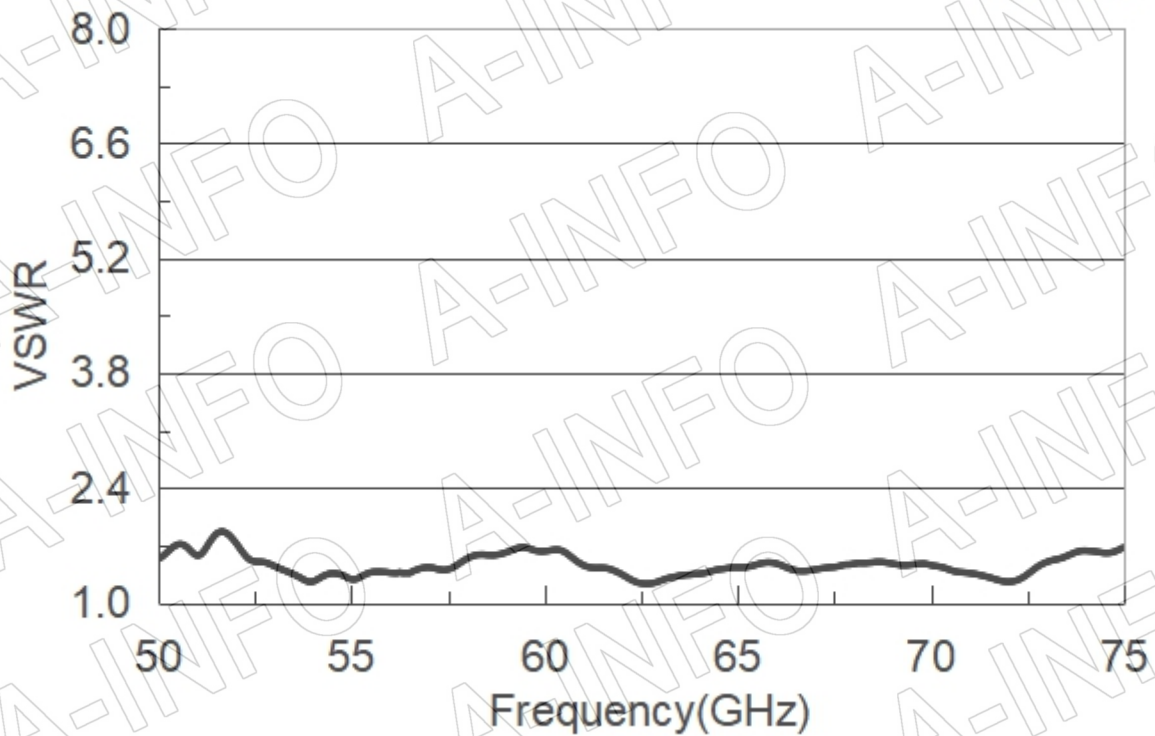
VSWR_C Type
Port-H

Max: 1.692

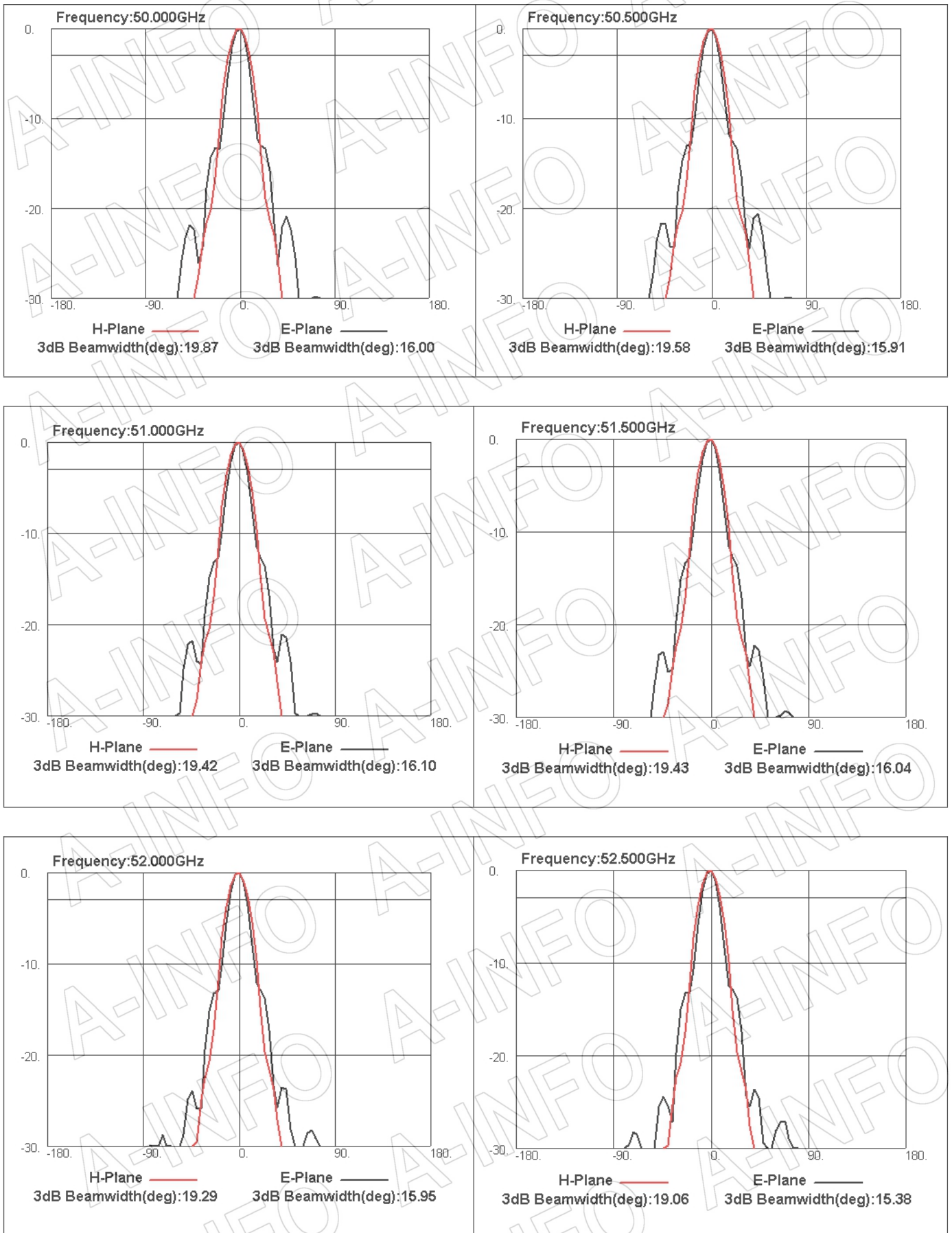


Port-V

Max: 1.878



5. Pattern



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