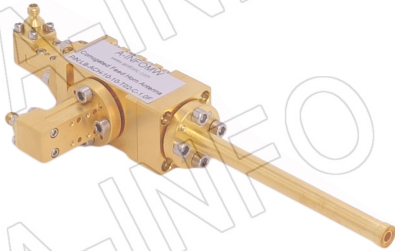


For reference only. See data sheet for the detailed specifications.

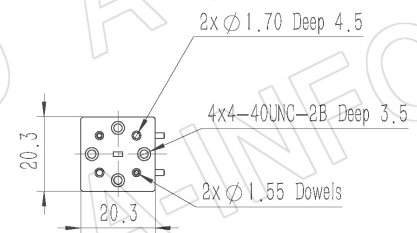
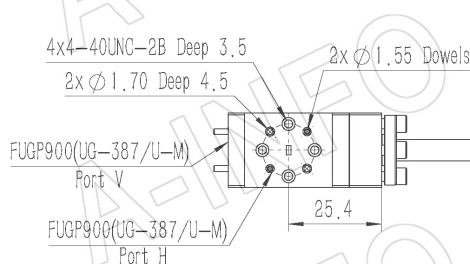
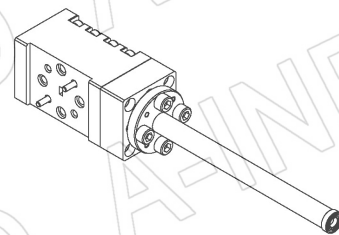
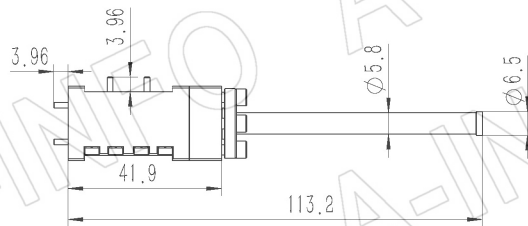
Technical Specification



Frequency Range(GHz)	75.0 – 110.0
Waveguide	WR10
Gain(dBi)	10 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 60 Typ.
	H Plane: 61 Typ.
10dB Beamwidth(deg)	E Plane: 111 Typ.
	H Plane: 114 Typ.
Cross Pol. Isolation(dB)	30 Typ.
Port to Port Isolation(dB)	45 Typ. ; 35 Min.
VSWR	A Type: 1.60:1 Typ.
	C Type: 1.80:1 Typ.
Output	A Type: FUGP900(UG-387/U-M)
	C Type: 1.0mm-Female
Material	Cu
Finish	Gold Plated
Size(mm)	A Type: 20.3 x 20.3 x 113.2
	C Type: 44.3 x 25.6 x 138.6
Net Weight(Kg)	A Type: 0.14 Around
	C Type: 0.19 Around

Outline Drawing (Size: mm)

FUGP900 Output (P/N: LB-ACH-10-10-T02-A)



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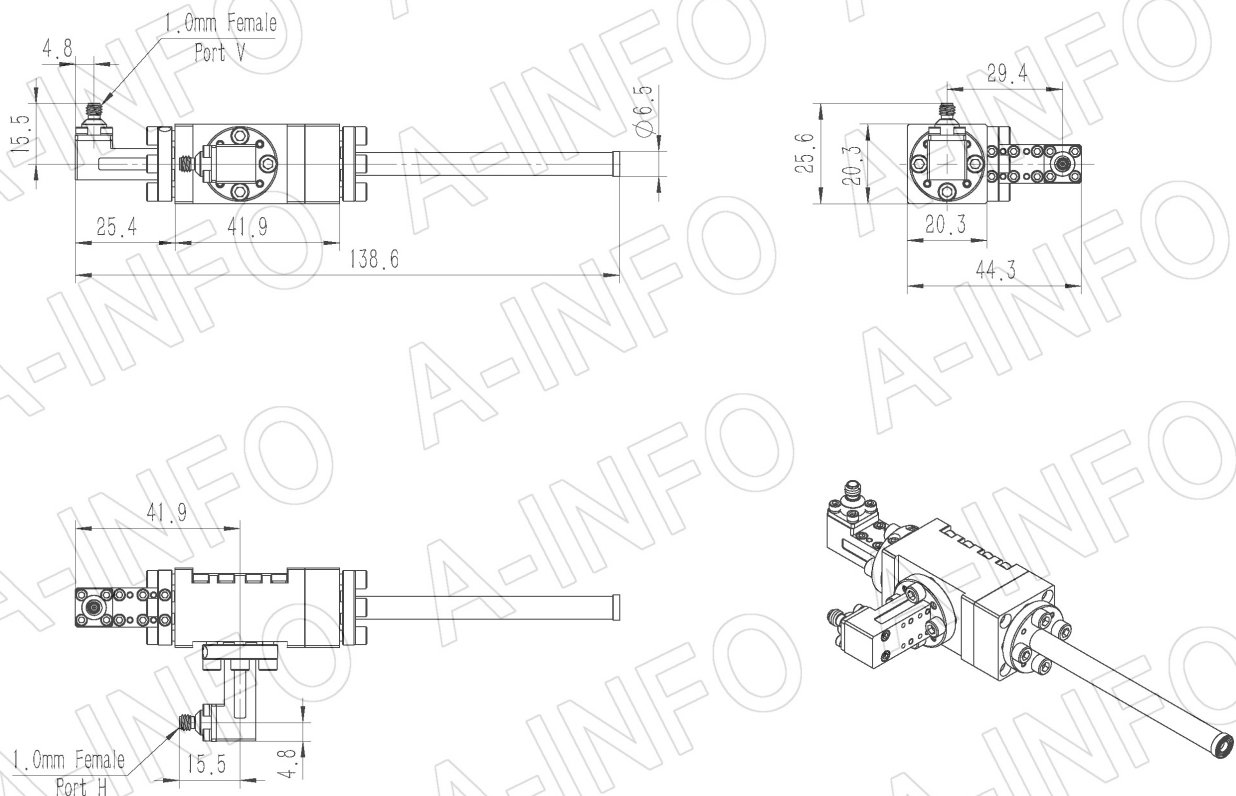
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA: Tel: (+1) 949-639-9688,

Page 1 of 18

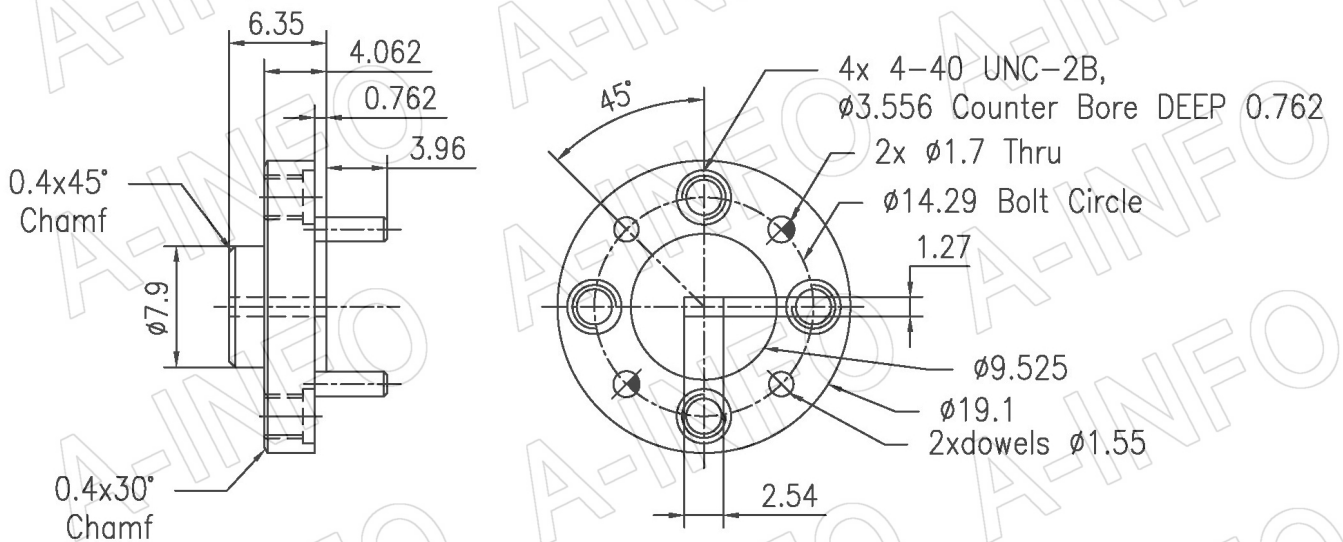
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

1.0mm-Female Output (P/N: LB-ACH-10-10-T02-C-1.0F)



Flange Drawing (Size: mm)



FUGP900
(equivalent to UG-387/U-M)

AINFO Inc.

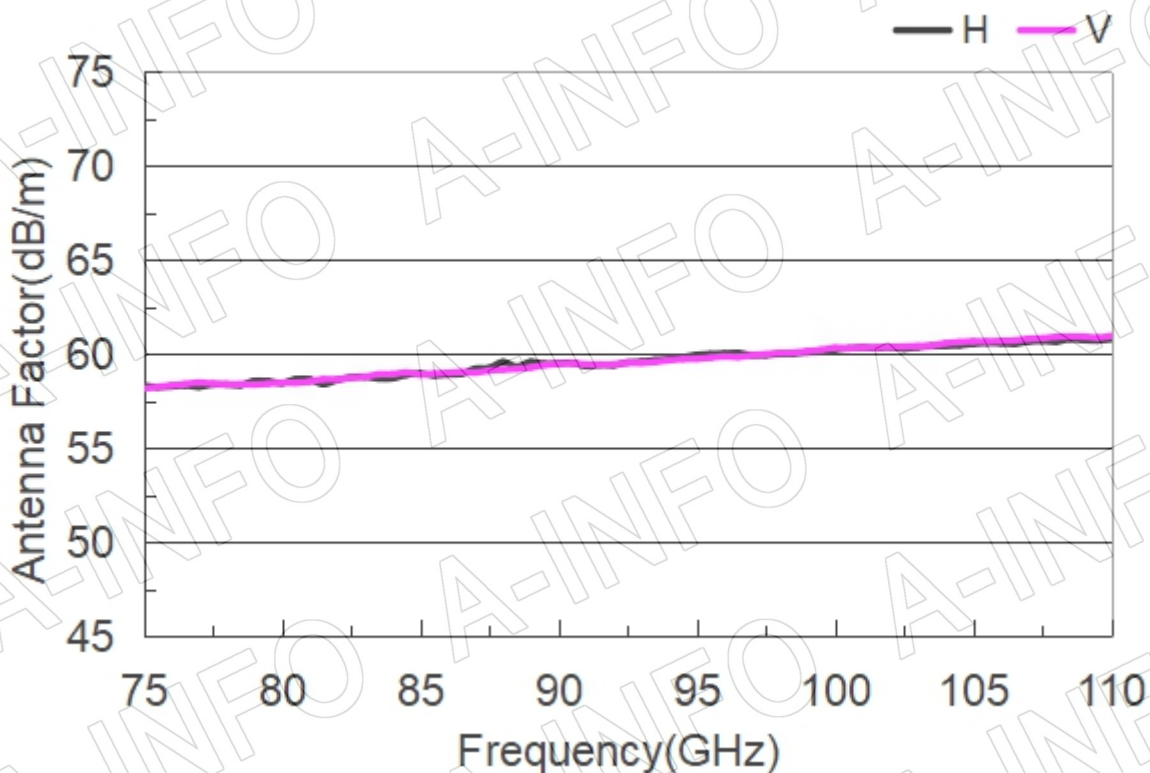
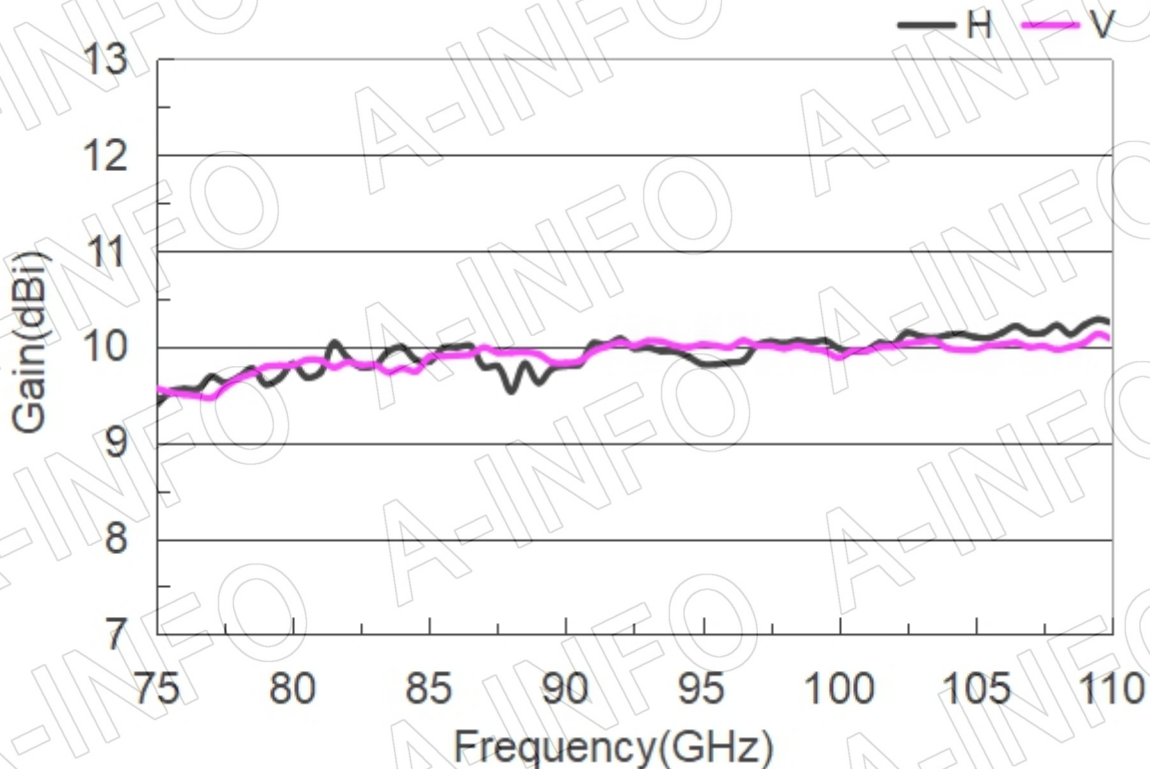
China(Beijing): Tel: (+86) 10-6266-7326,
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USA: Tel: (+1) 949-639-9688,

Page 2 of 18
(+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

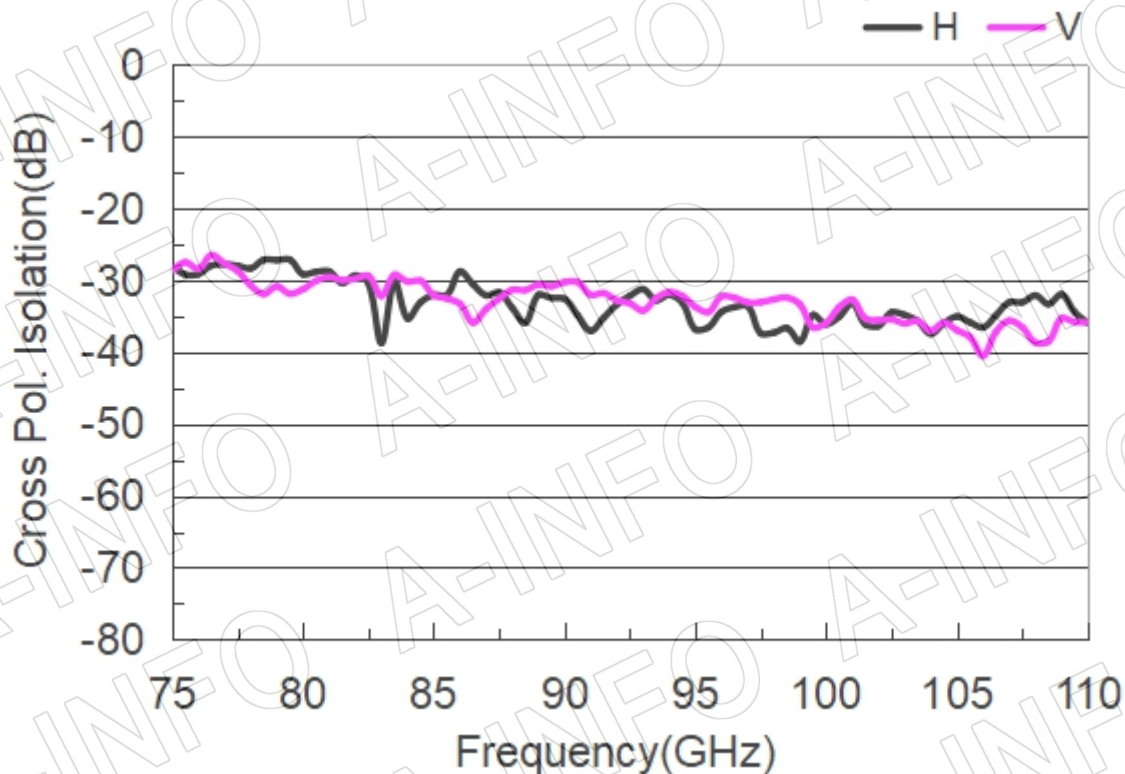
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

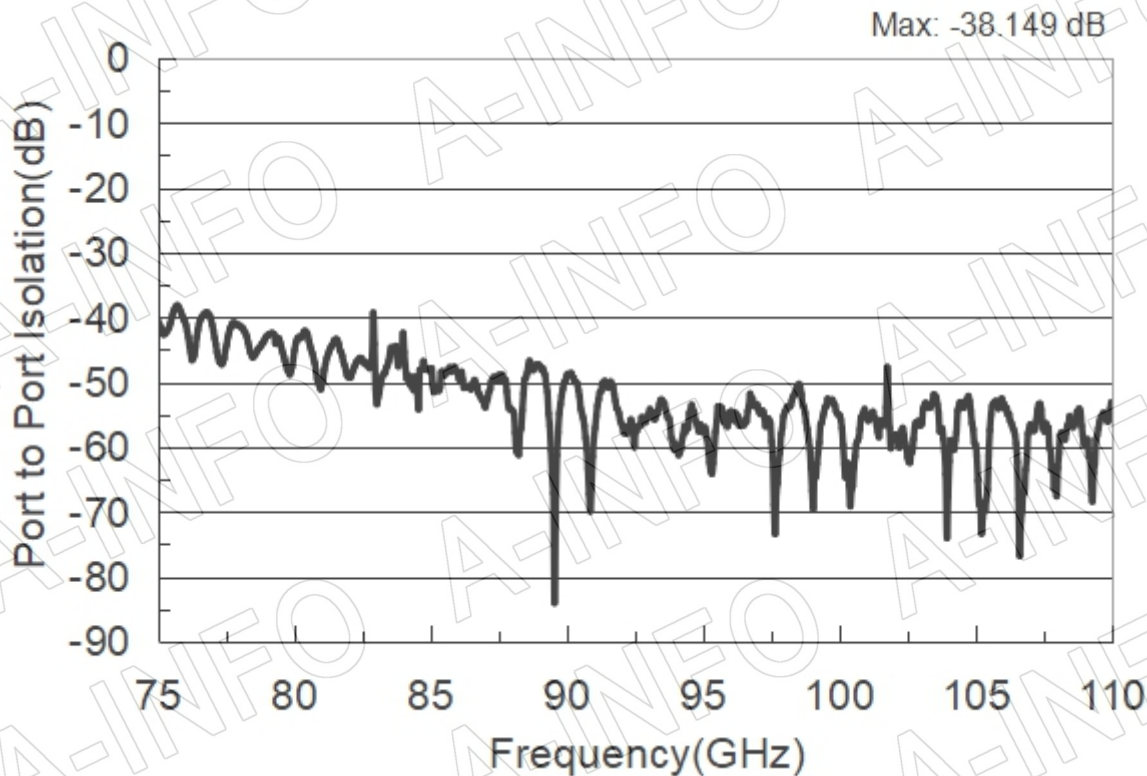
1. Gain & Antenna Factor



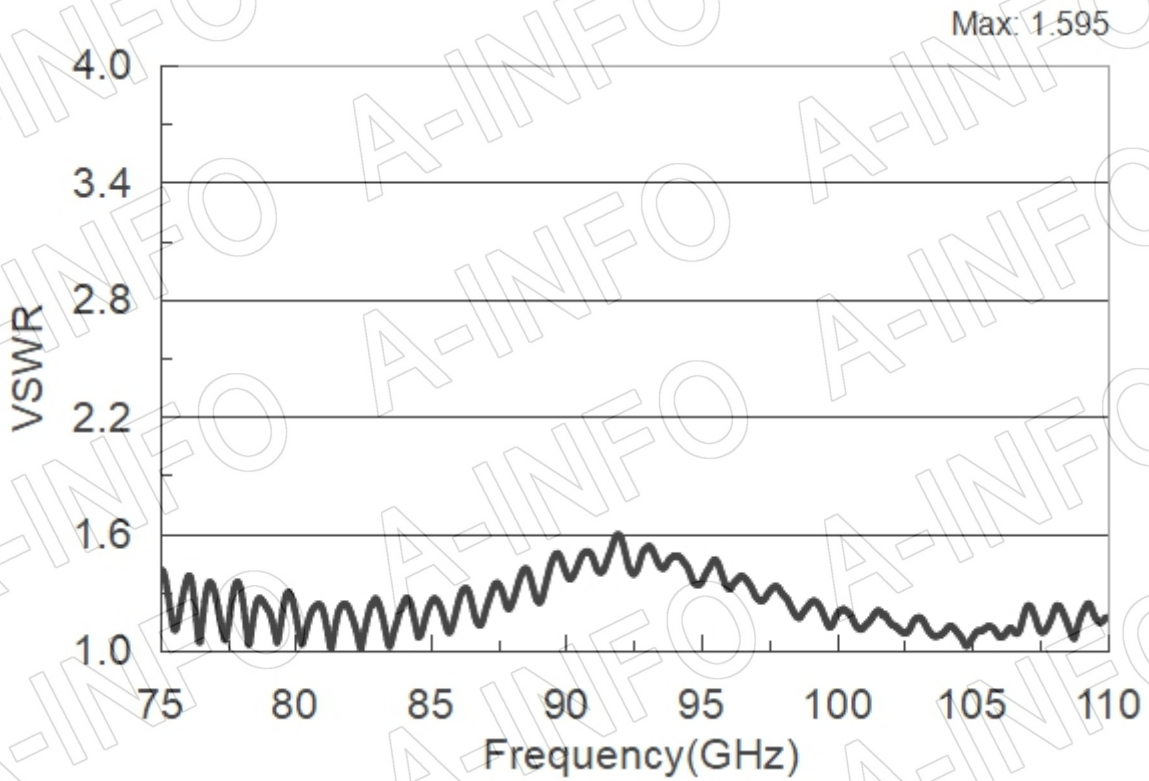
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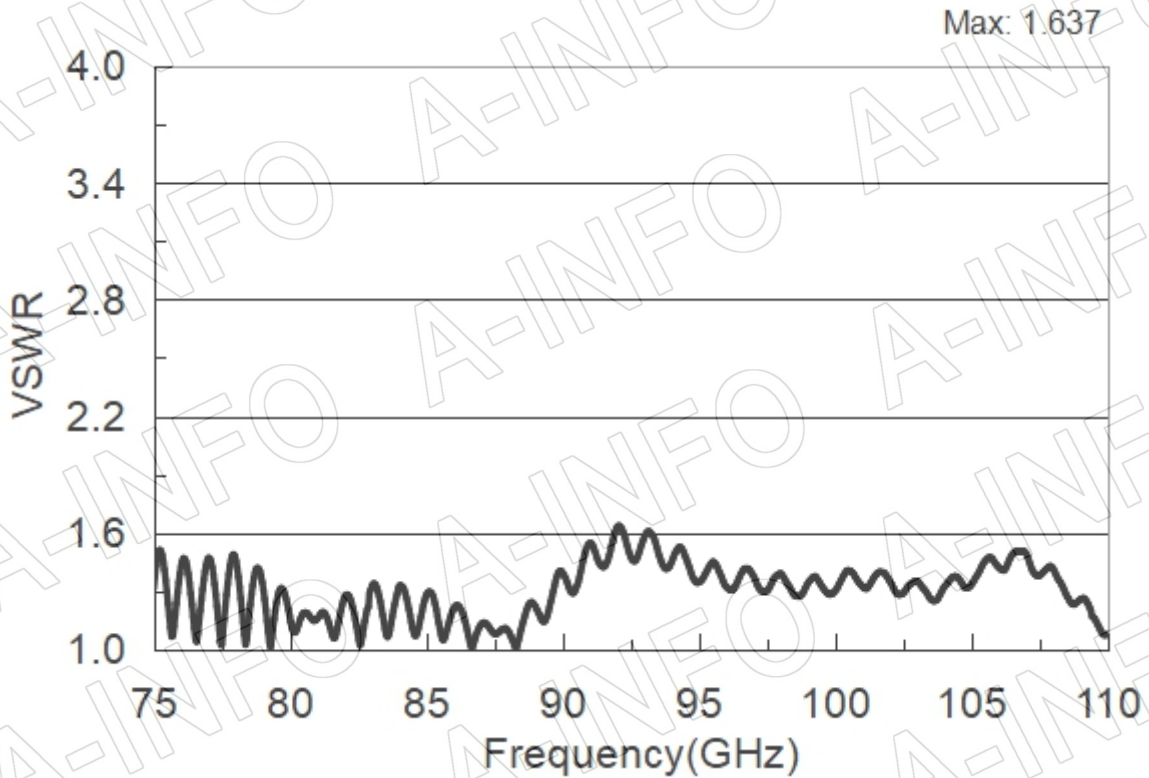
3. Port to Port Isolation



4. VSWR_A Type Port-H

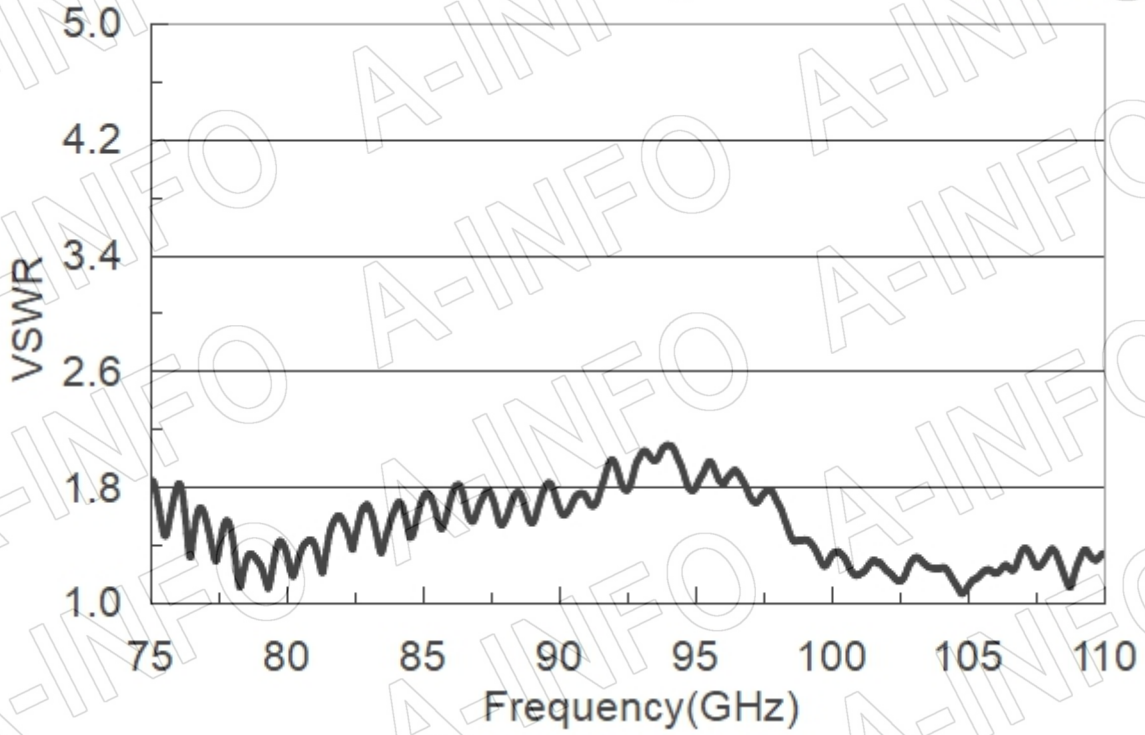


Port-H



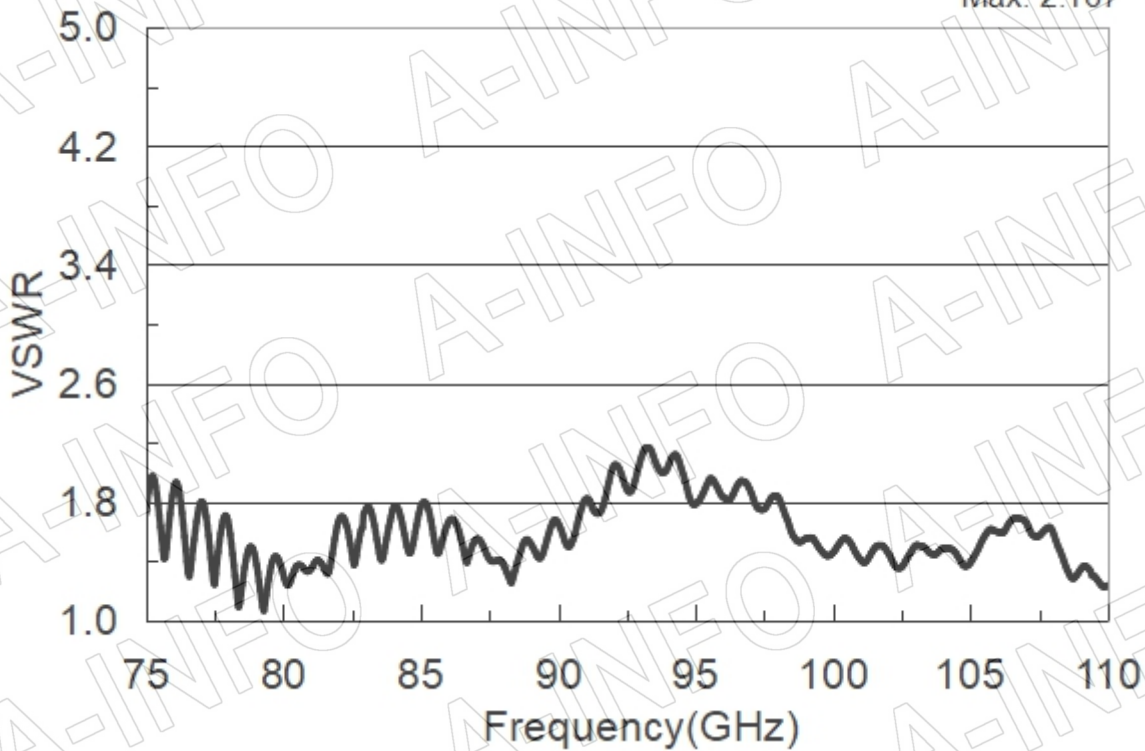
VSWR_C Type
Port-H

Max: 2.088



Port-H

Max: 2.167



5. Pattern

