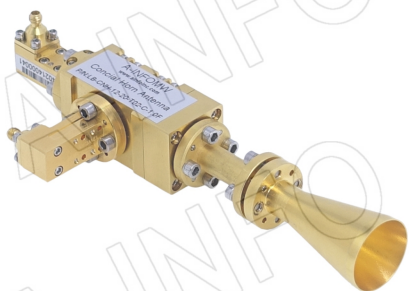


For reference only. See data sheet for the detailed specifications.

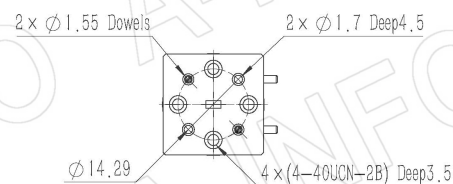
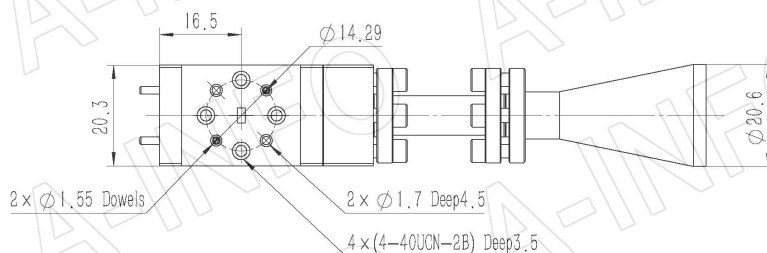
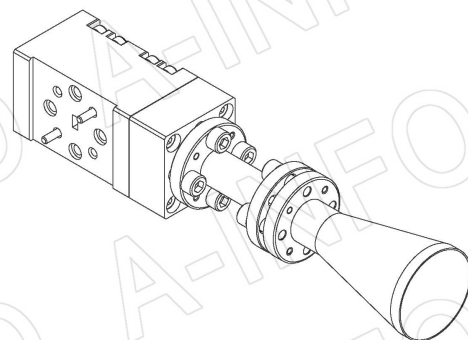
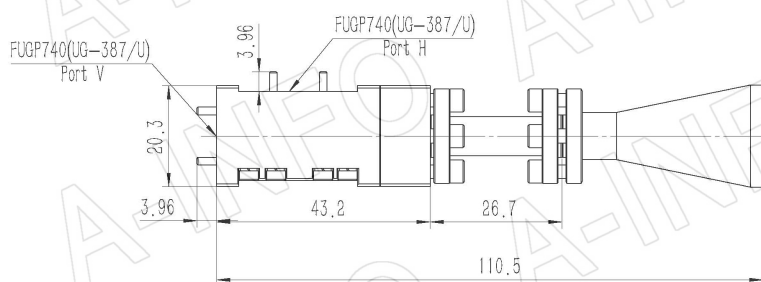
Technical Specification



Frequency Range(GHz)	60.0 – 90.0
Waveguide	WR12
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 12 Typ.
	H Plane: 15 Typ.
Cross Pol. Isolation(dB)	35 Typ.
Port to Port Isolation(dB)	50 Typ. ; 40 Min.
VSWR	A Type: 1.80:1 Max.
	C Type: 2.40:1 Max.
Output	A Type: FUGP740(UG-387/U)
	C Type: 1.0mm-Female
Material	Cu
Finish	Gold Plated
Size(mm)	A Type: 20.6 x 20.6 x 110.5
	C Type: 44.6 x 25.6 x 135.9
Net Weight(Kg)	A Type: 0.18 Around
	C Type: 0.23 Around

Outline Drawing (Size: mm)

FUGP740 Output (P/N: LB-CNH-12-20-T02-A)



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

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

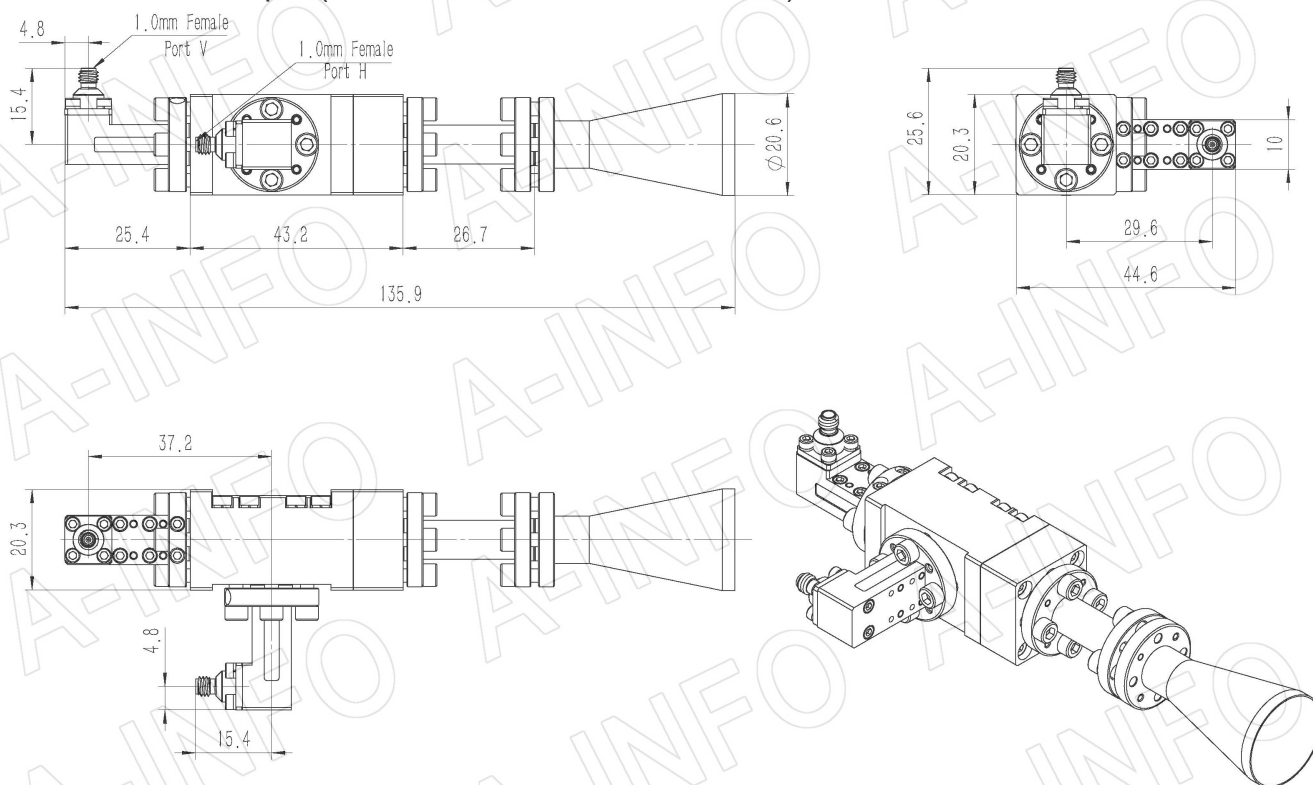
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(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

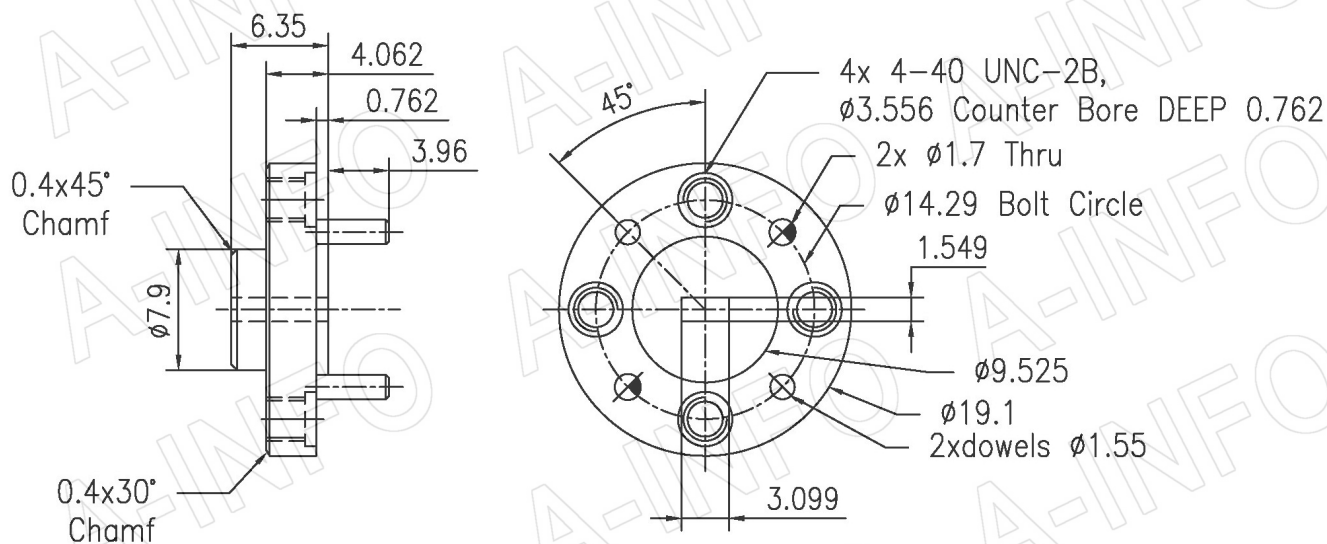
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

1.0mm-Female Output (P/N: LB-CNH-12-20-T02-C-1.0F)



Flange Drawing (Size: mm)



FUGP740
(equivalent to UG-387/U)

AINFO Inc.

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

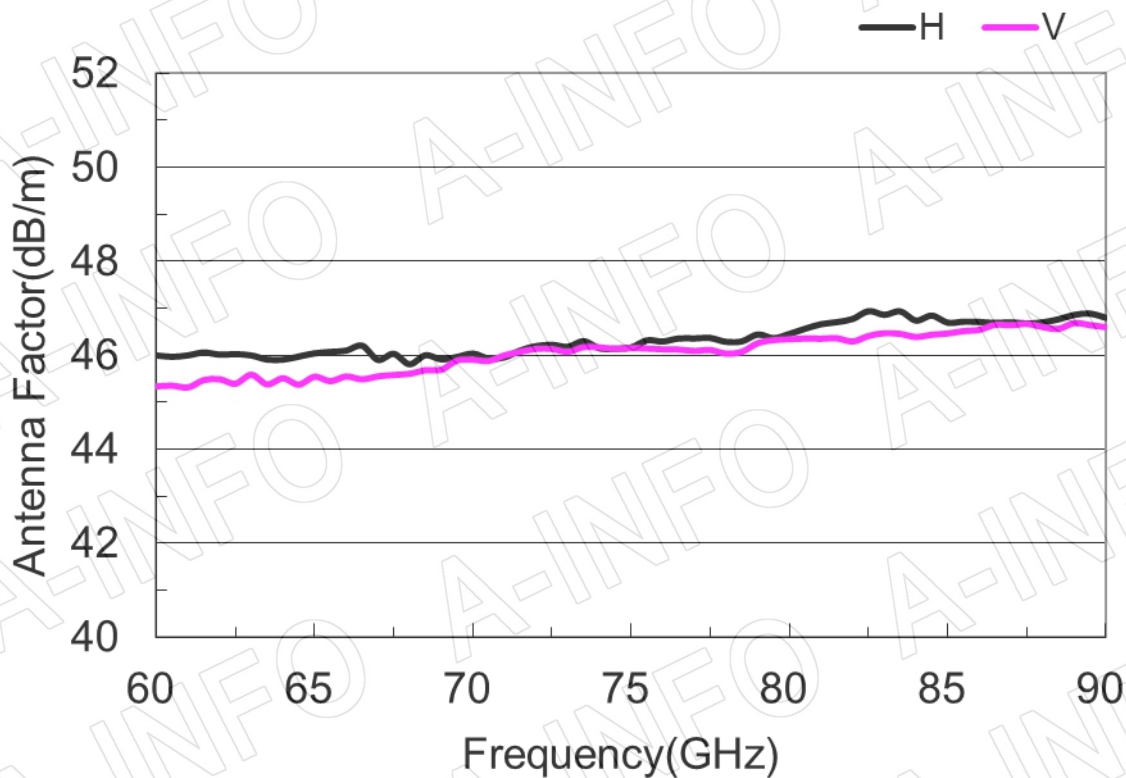
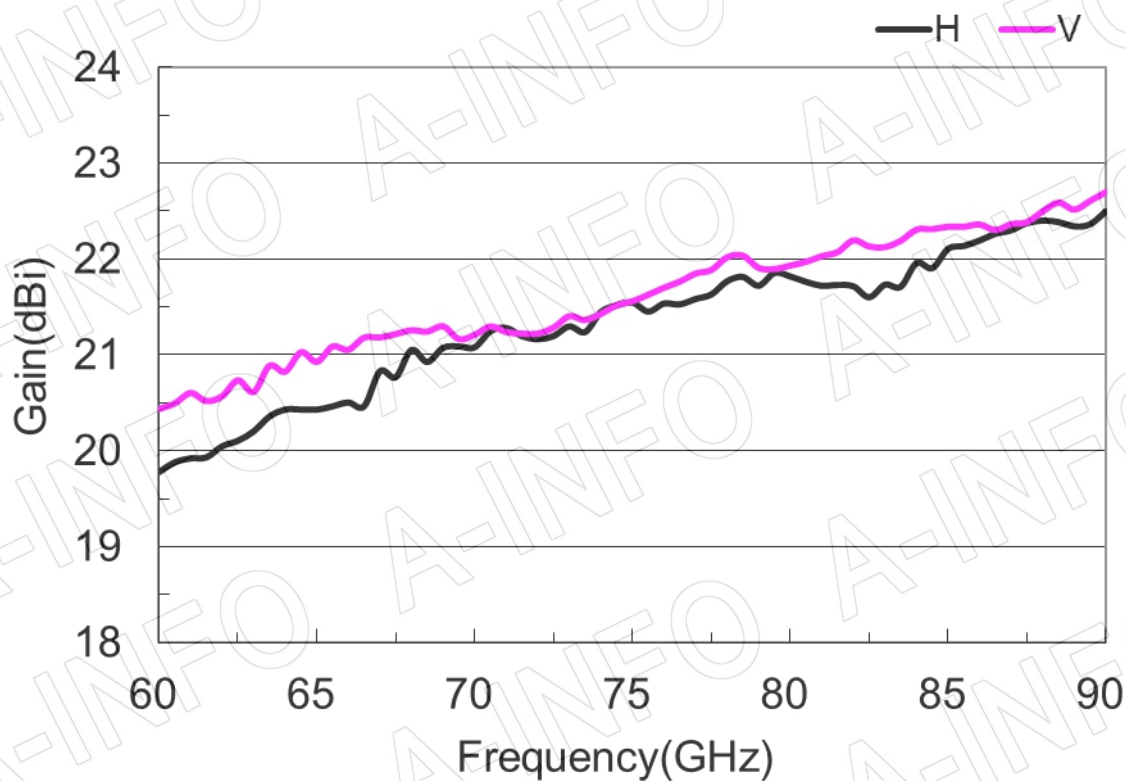
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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
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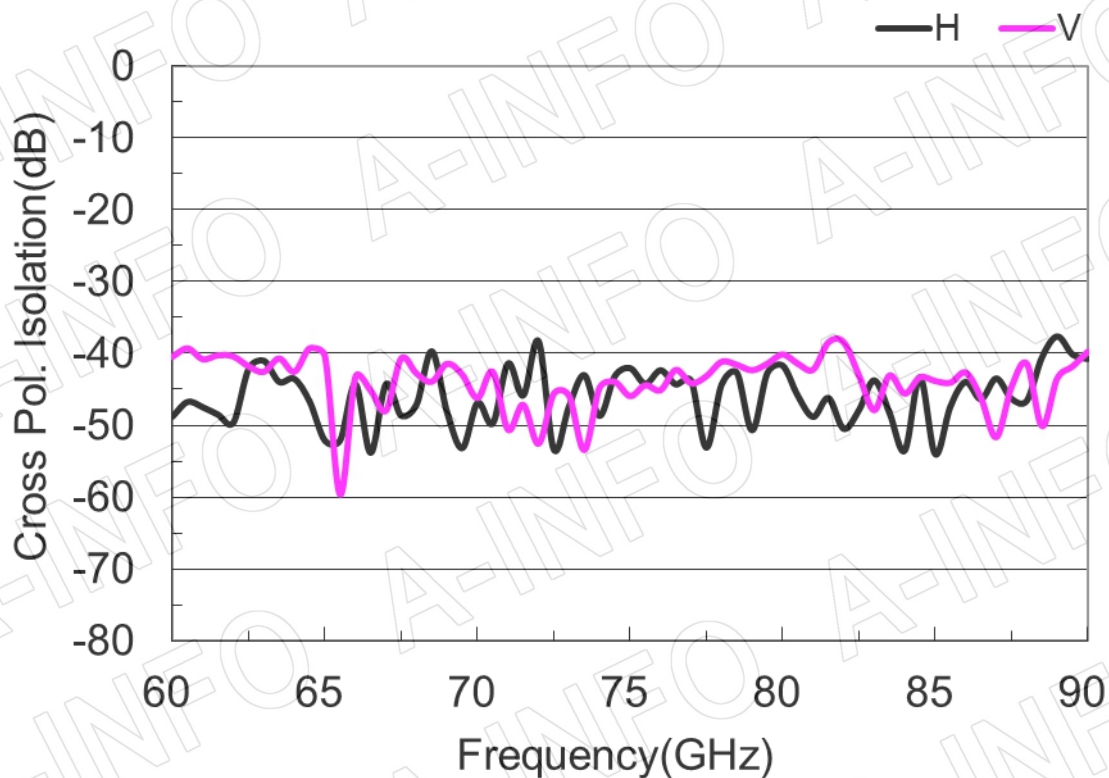
Website: www.ainfoinc.com
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Test Results

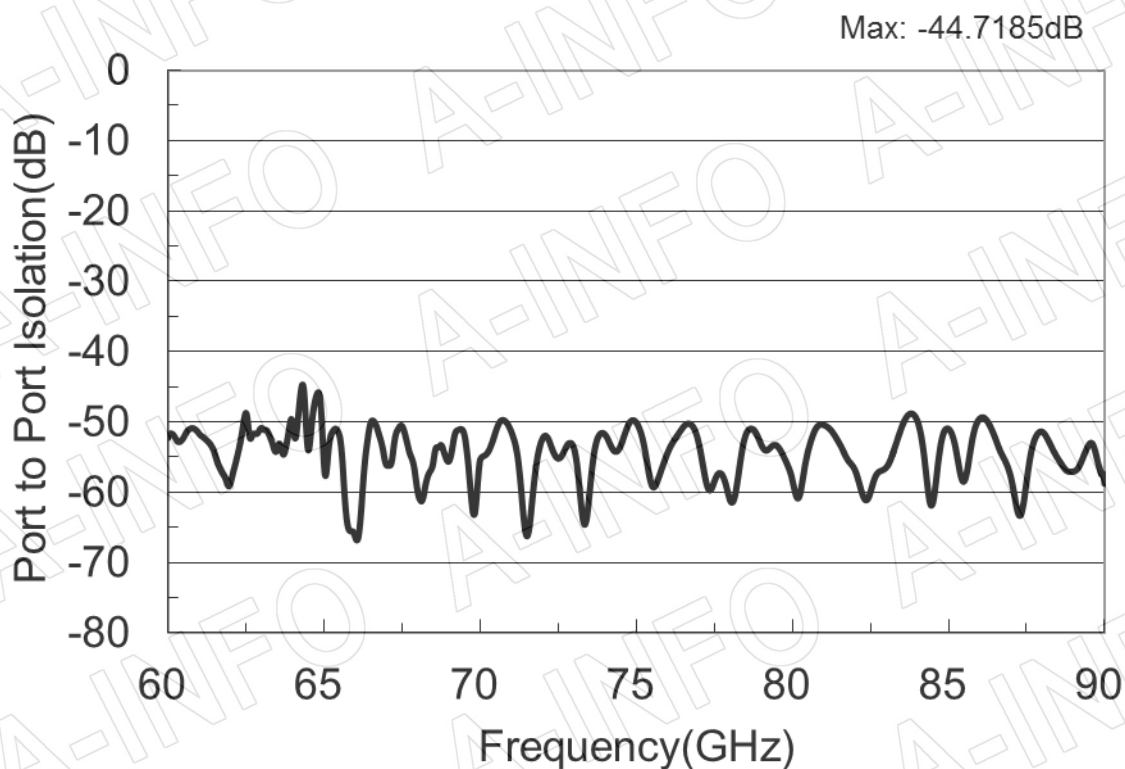
1. Gain & Antenna Factor



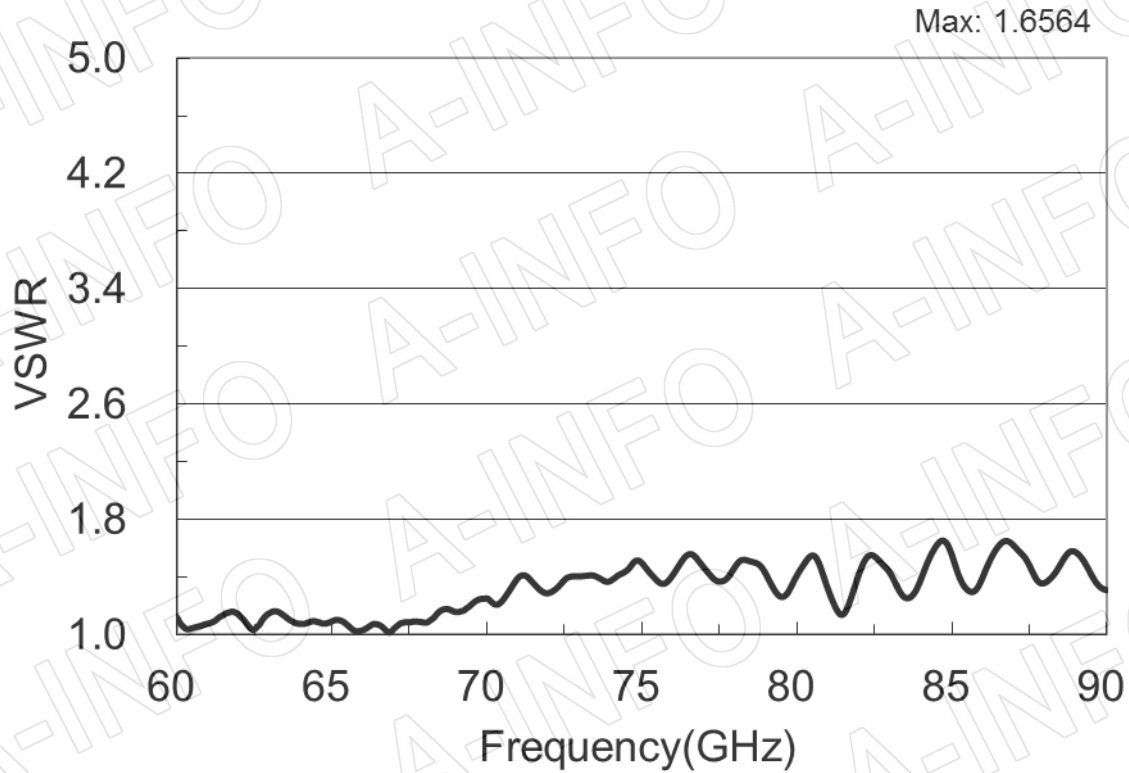
2. Cross Polarization Isolation



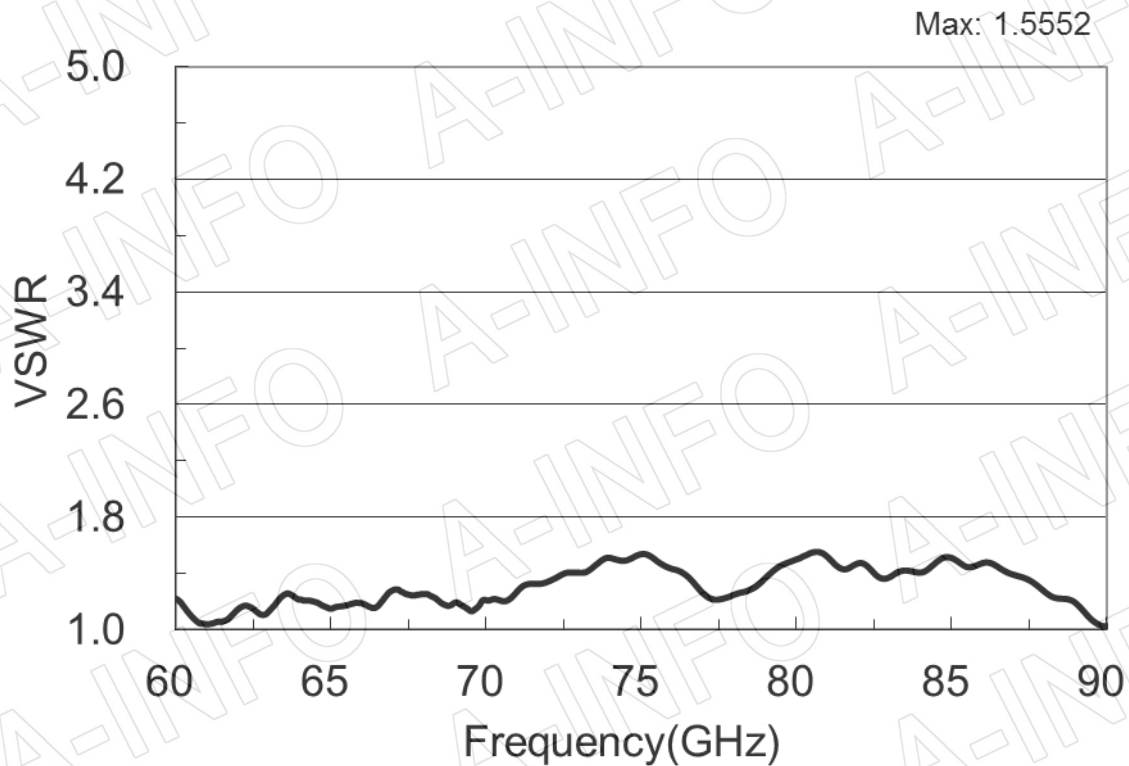
3. Port to Port Isolation



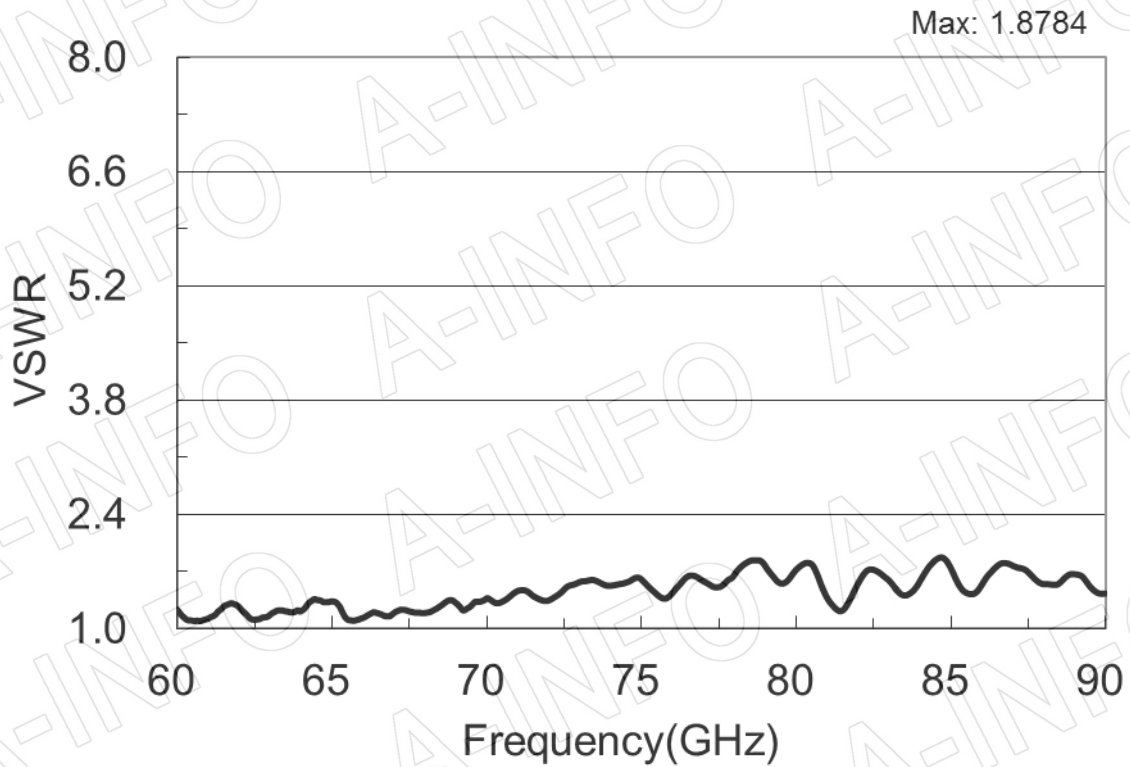
4. VSWR_A Type Port-H



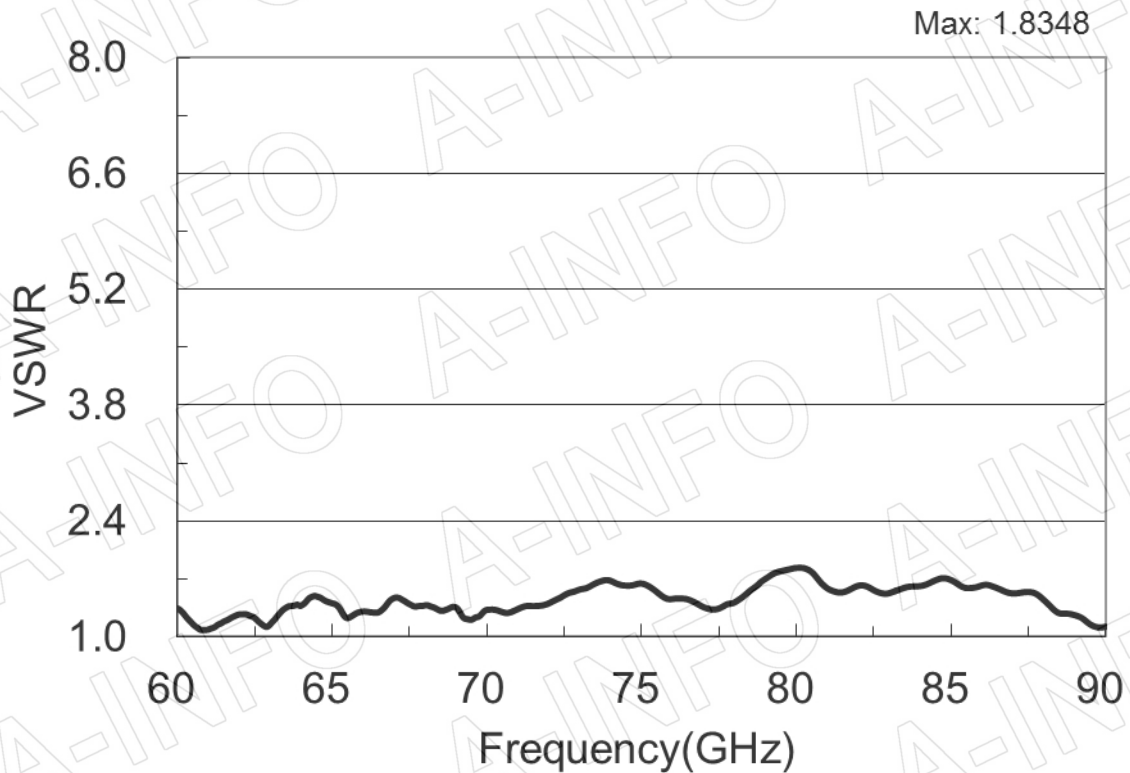
Port-V



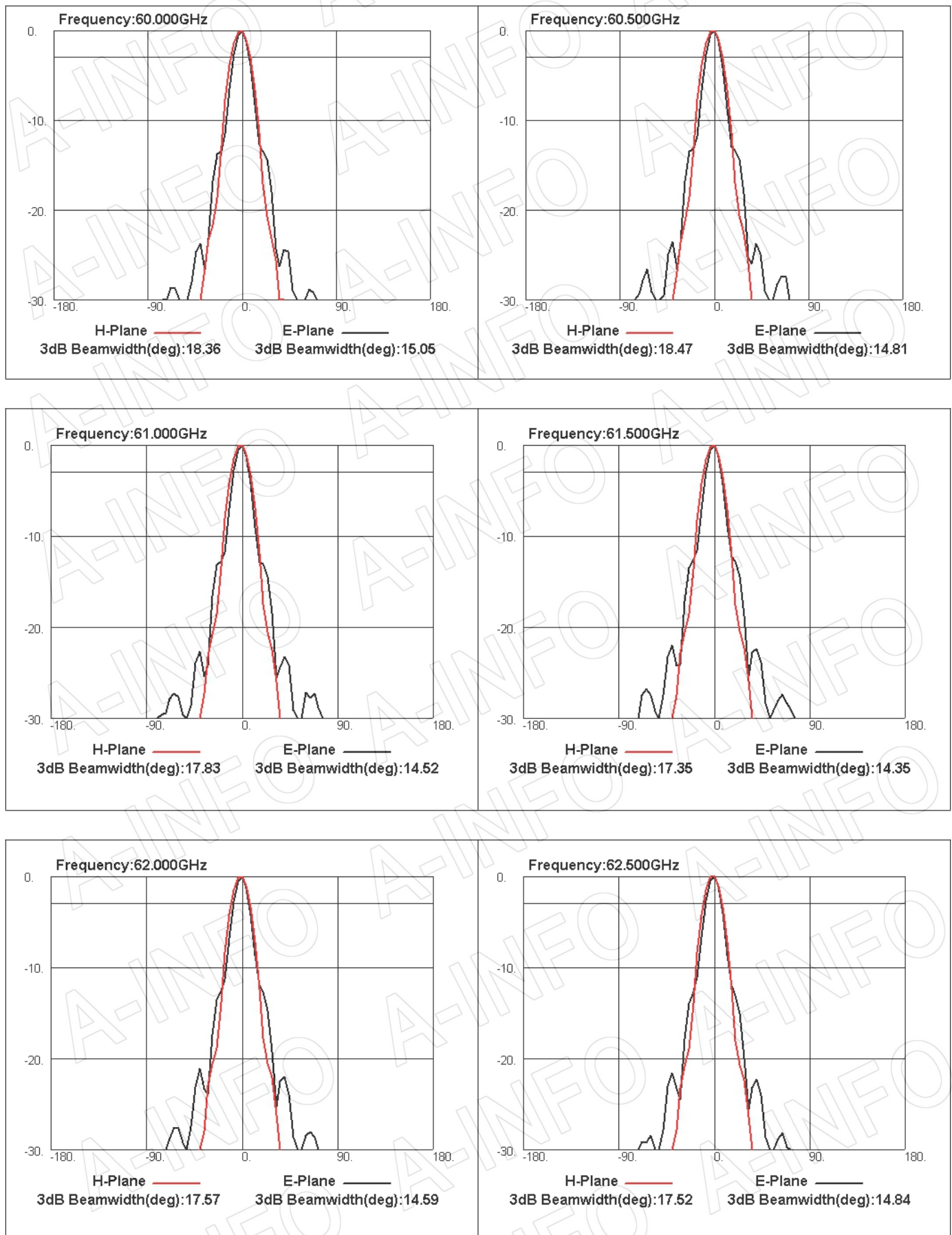
VSWR_C Type
Port-H



Port-V



5. Pattern



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