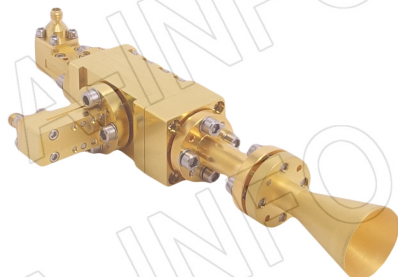


For reference only. See data sheet for the detailed specifications.

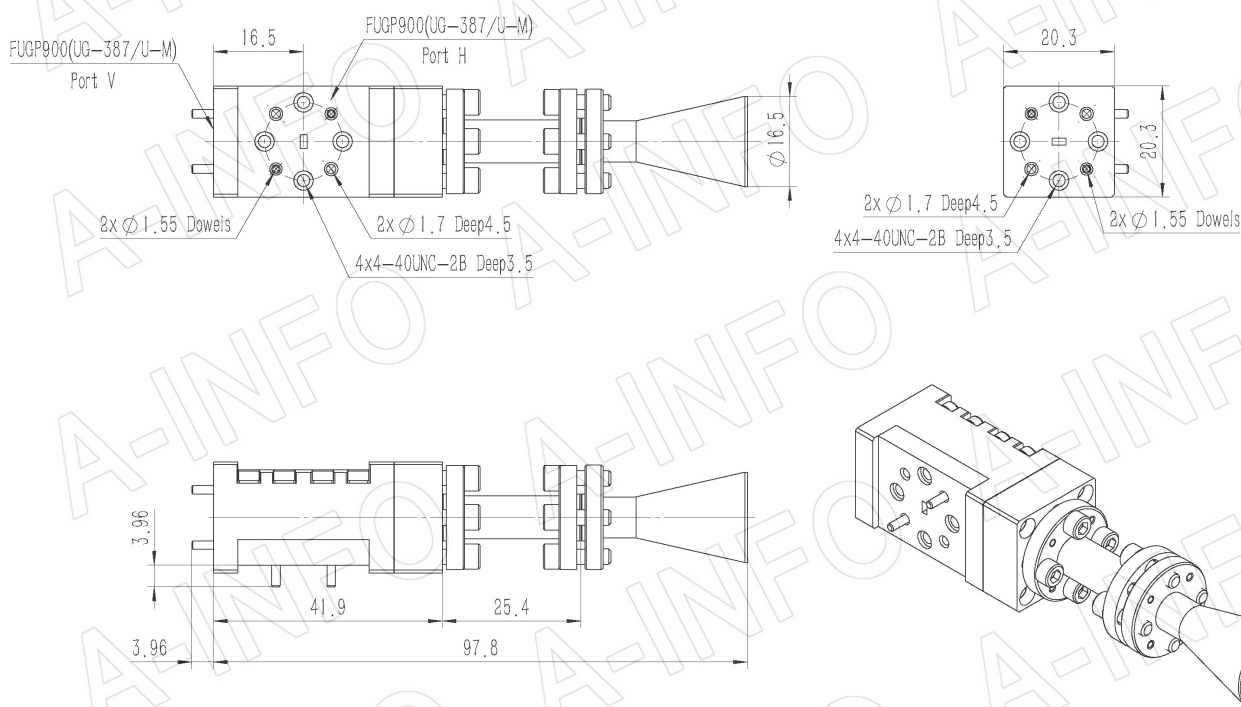
Technical Specification



Frequency Range(GHz)	75.0 – 110.0
Waveguide	WR10
Gain(dBi)	20 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 13 Typ.
	H Plane: 16 Typ.
Cross Pol. Isolation(dB)	30 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: 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 97.8
	C Type: 44.3 x 25.6 x 123.2
Net Weight(Kg)	A Type: 0.17 Around
	C Type: 0.23 Around

Outline Drawing (Size: mm)

FUGP900 Output (P/N: LB-CNH-10-20-T02-A)



AINFO Inc.

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

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

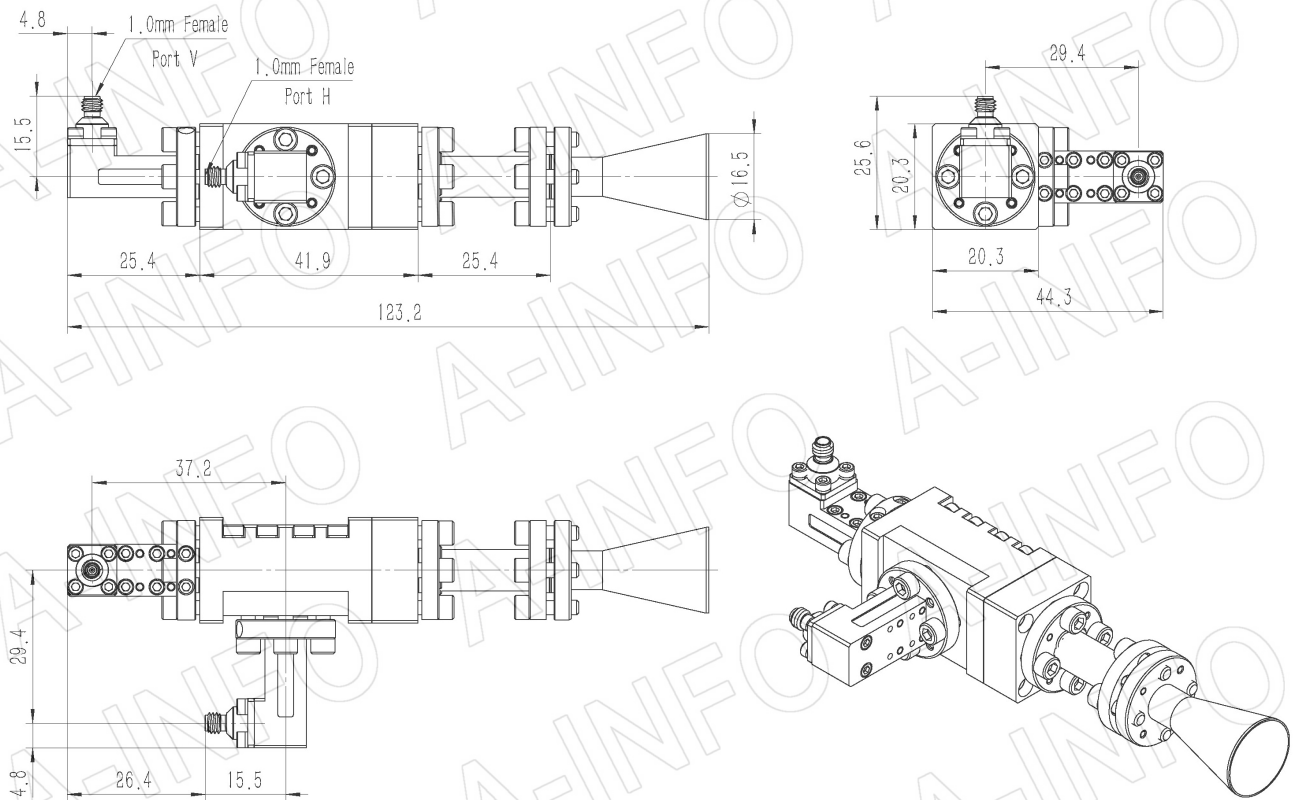
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(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

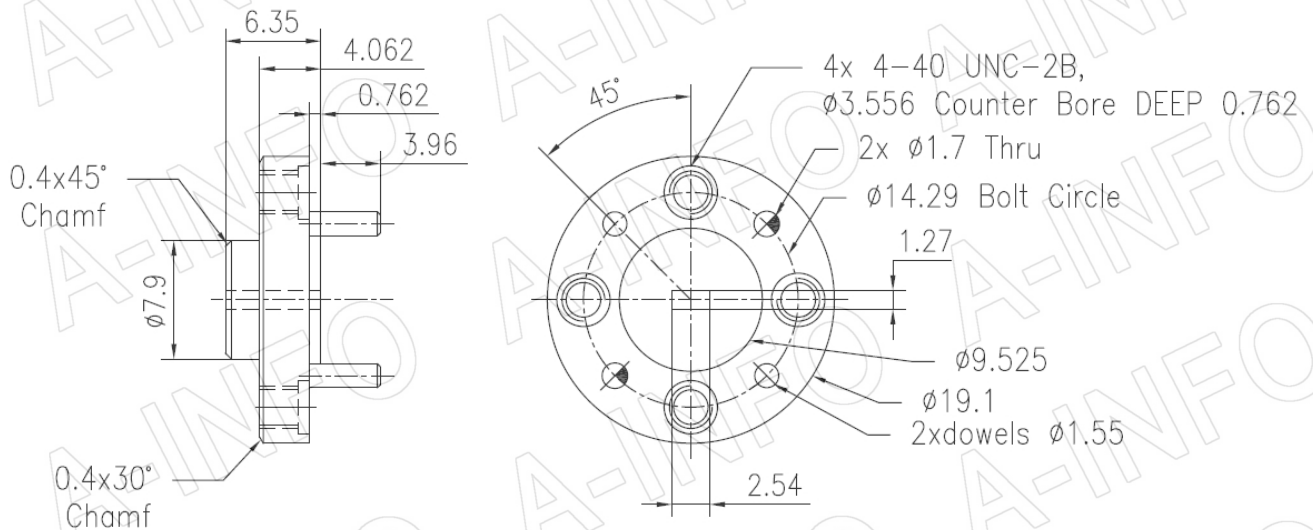
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

1.0mm-Female Output (P/N: LB-CNH-10-20-T02-C-1.0F)



Flange Drawing (Size: mm)



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

AINFO Inc.

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

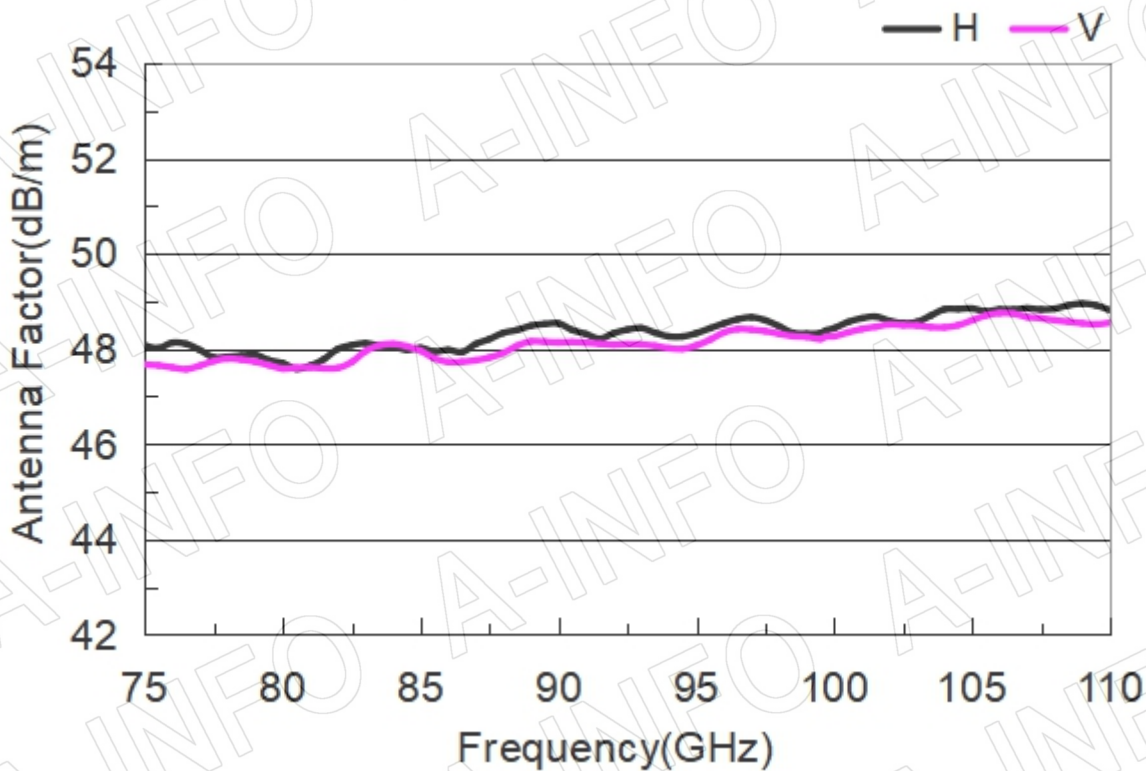
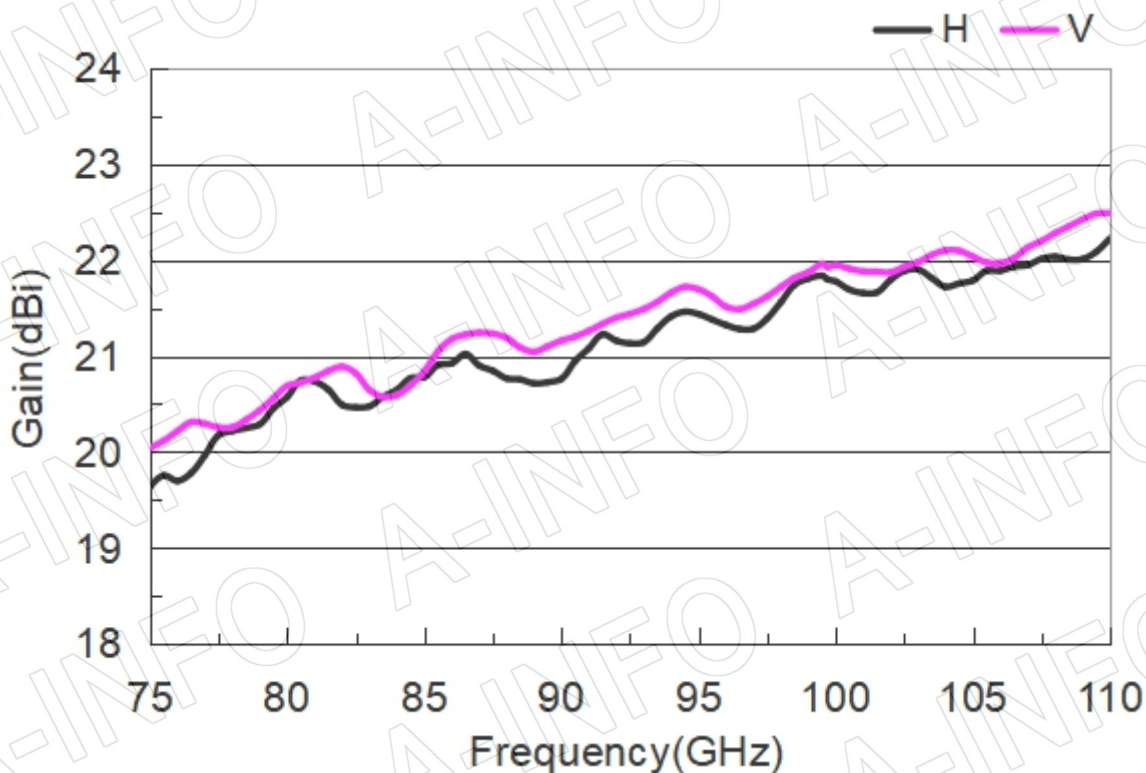
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 (+86) 28-8519-3044 Fax: (+86) 28-8519-3068
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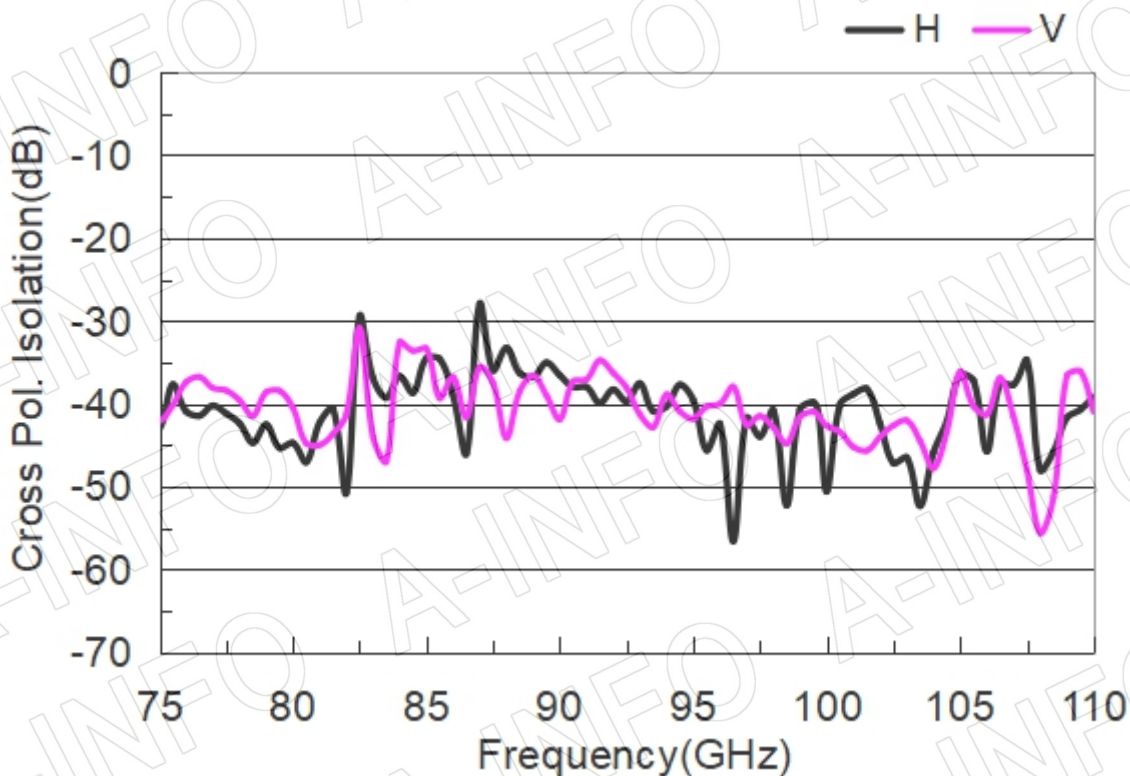
Website: www.ainfoinc.com
 Email: sales@ainfoinc.com

Test Results

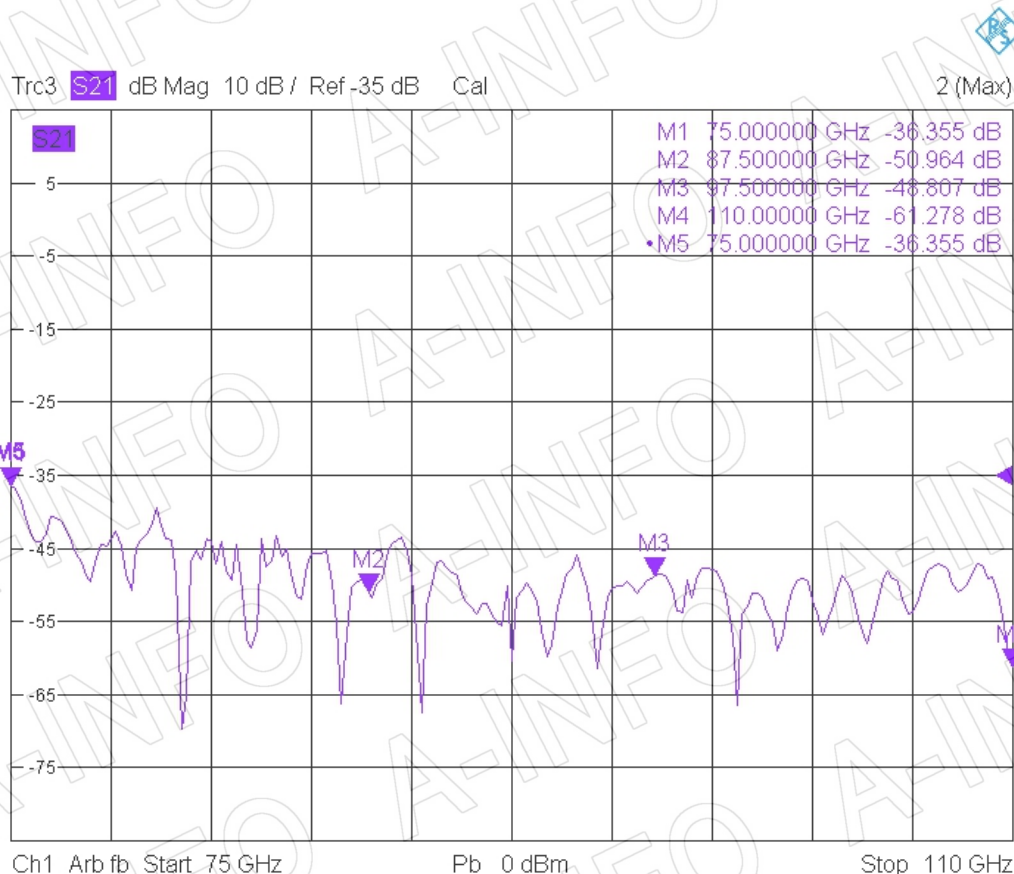
1. Gain & Antenna Factor



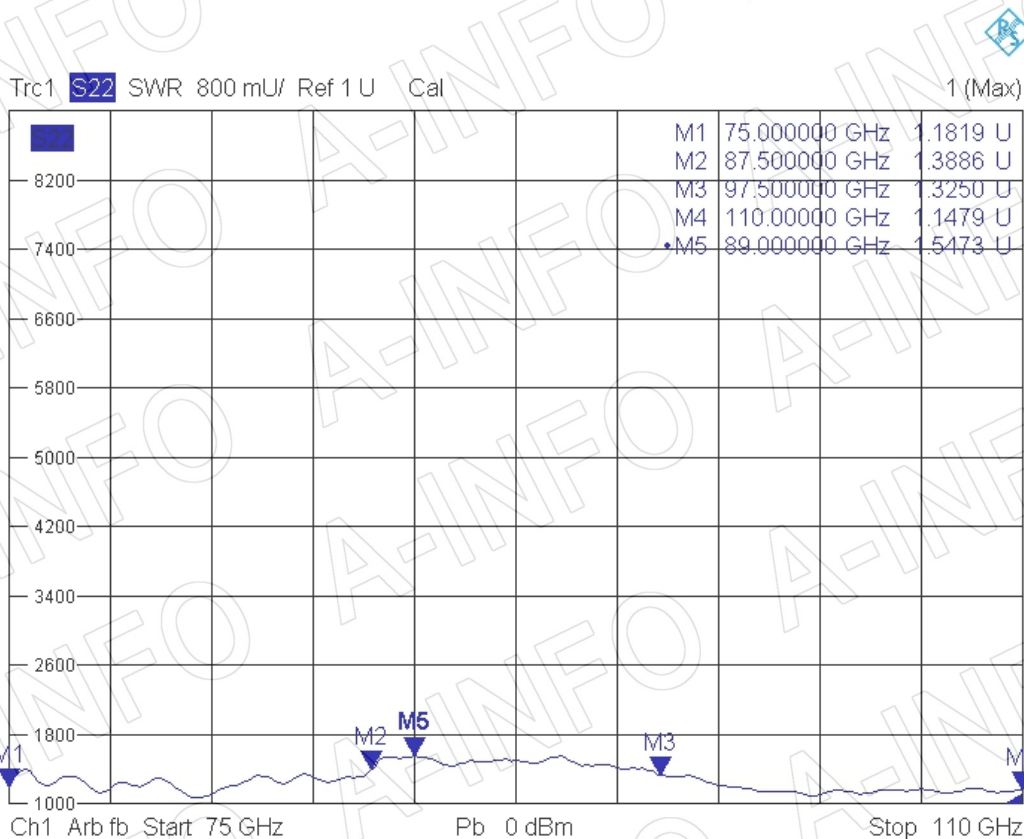
2. Cross Polarization Isolation



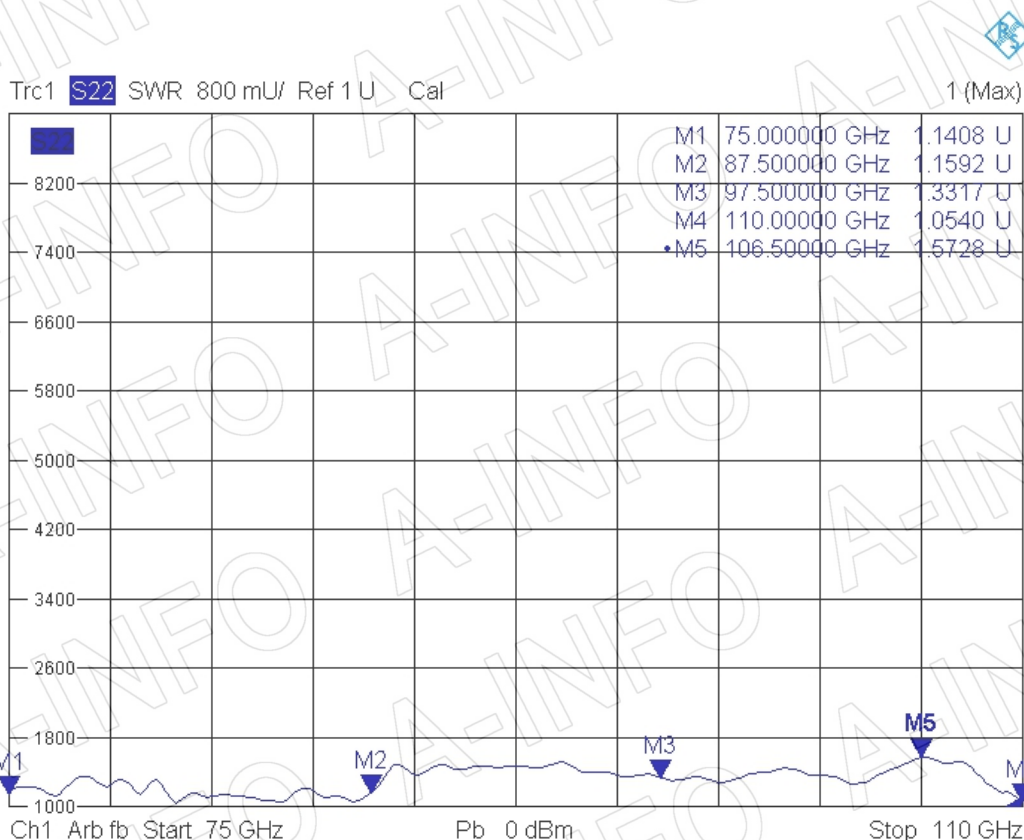
3. Port to Port Isolation



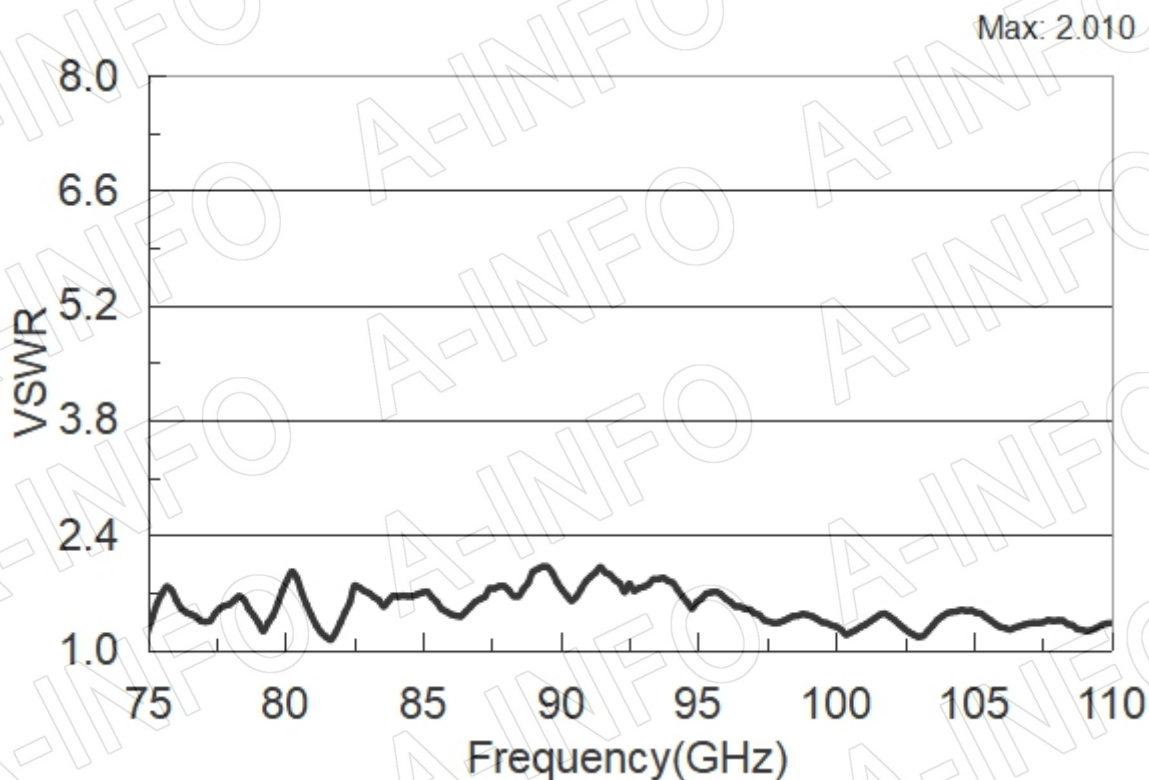
4. VSWR_A Type Port-H



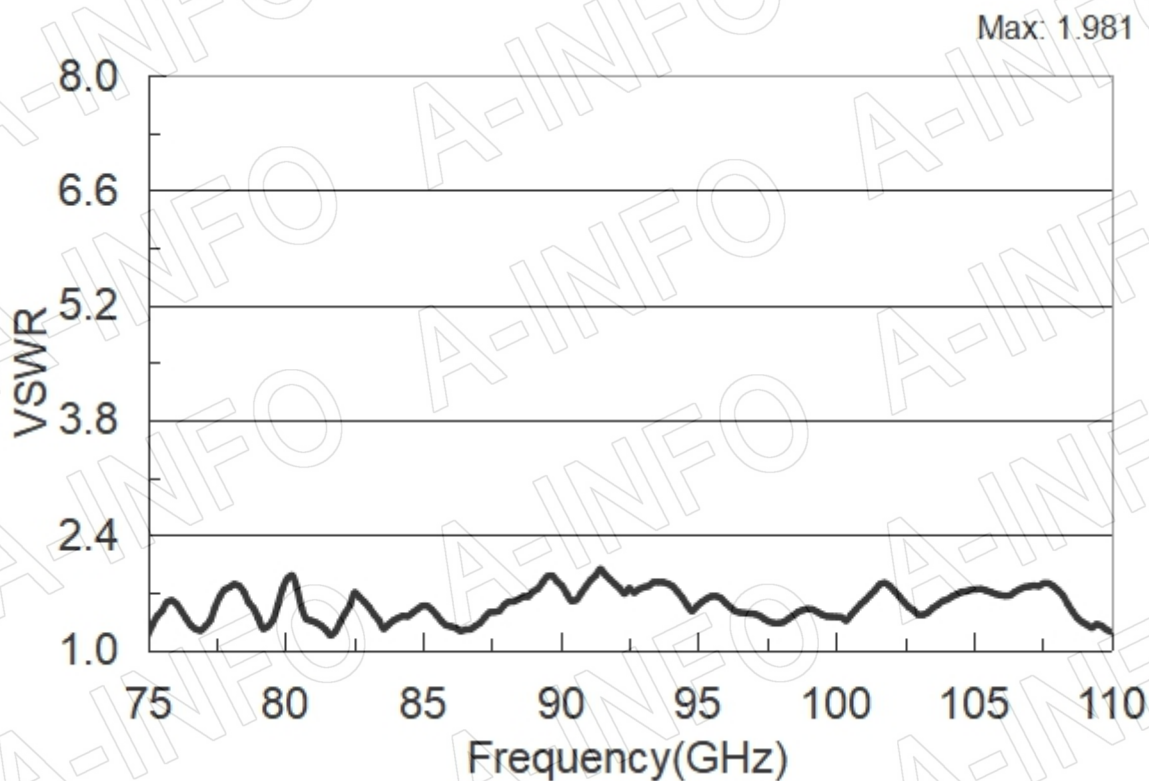
Port-V



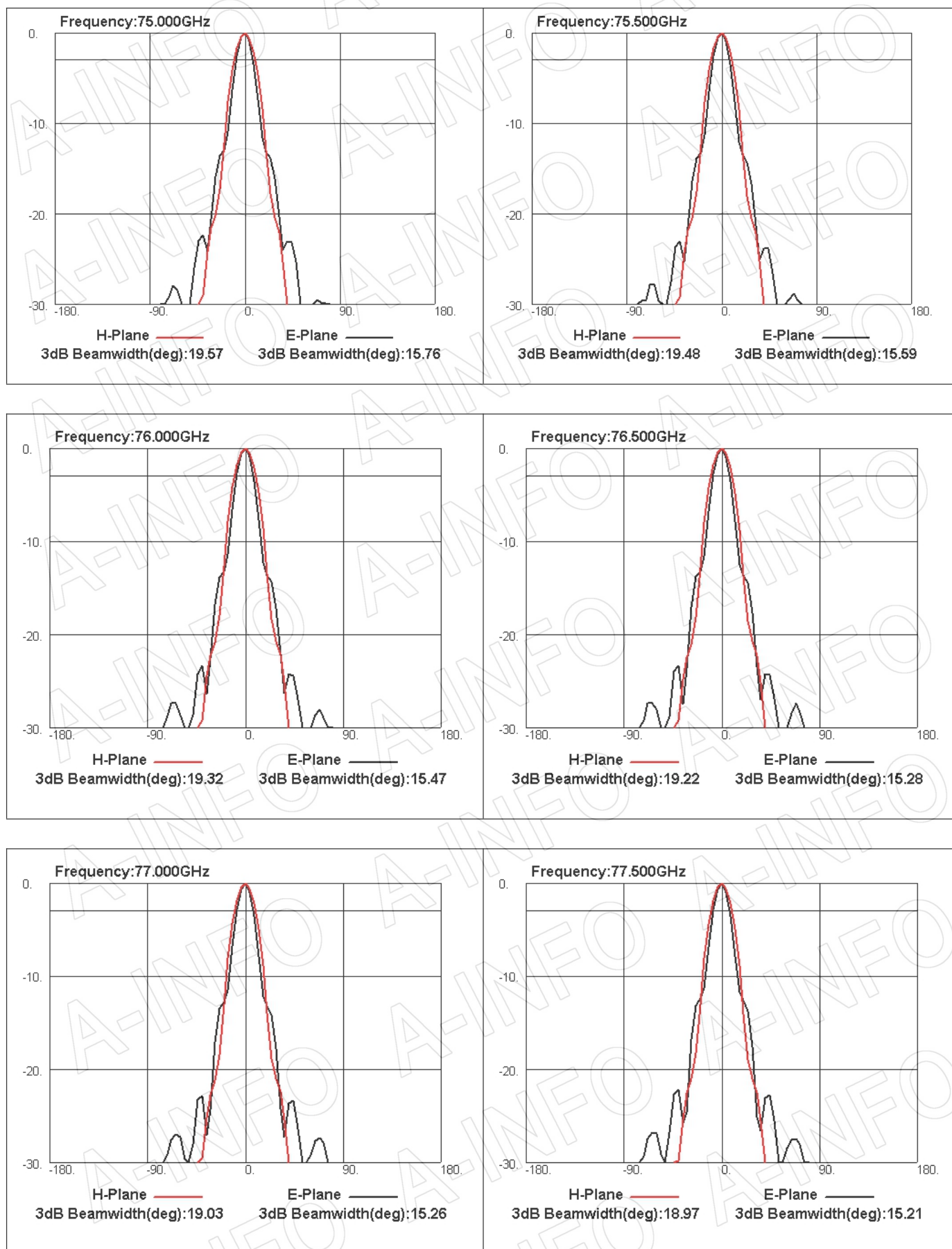
VSWR_C Type
Port-H



Port-V



5. Pattern



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