

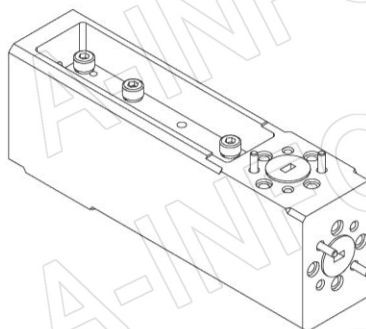
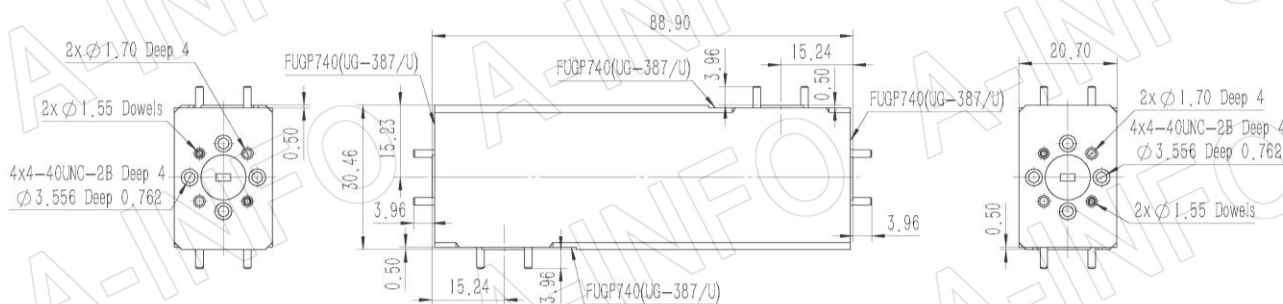
For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR12
Frequency Range(GHz)	60.0 – 90.0
Coupling(dB)	30
Coupling Accuracy(dB)	±1.3 Max.
Freq. Sensitivity(dB)	±0.9 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.6 Max. (Not including the theoretical loss 8.69×10^{-3} dB)
Mainline VSWR	1.15:1 Max.
Secondline VSWR	1.20:1 Max.
Flange	FUGP740(UG-387/U)
Material	Cu
Size(mm)	88.9 x 20.7 x 30.46
Net Weight(Kg)	0.31 Around

Outline Drawing (Size: mm)



AINFO Inc.

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

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

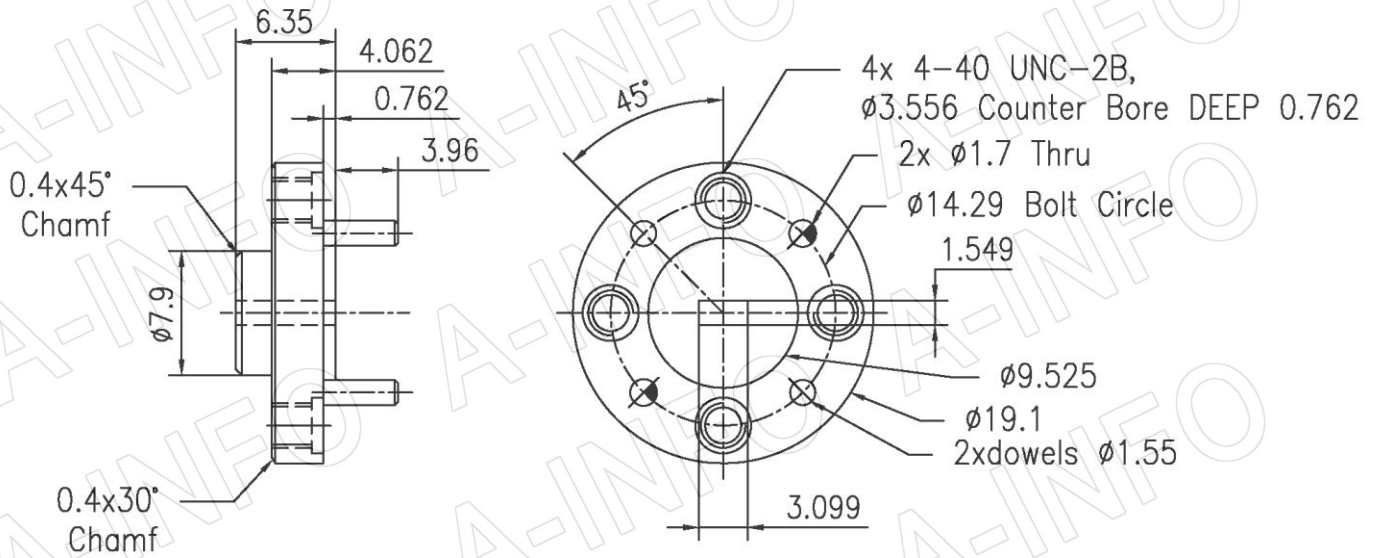
Page 1 of 6

(+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

Flange Drawing (Size: mm)

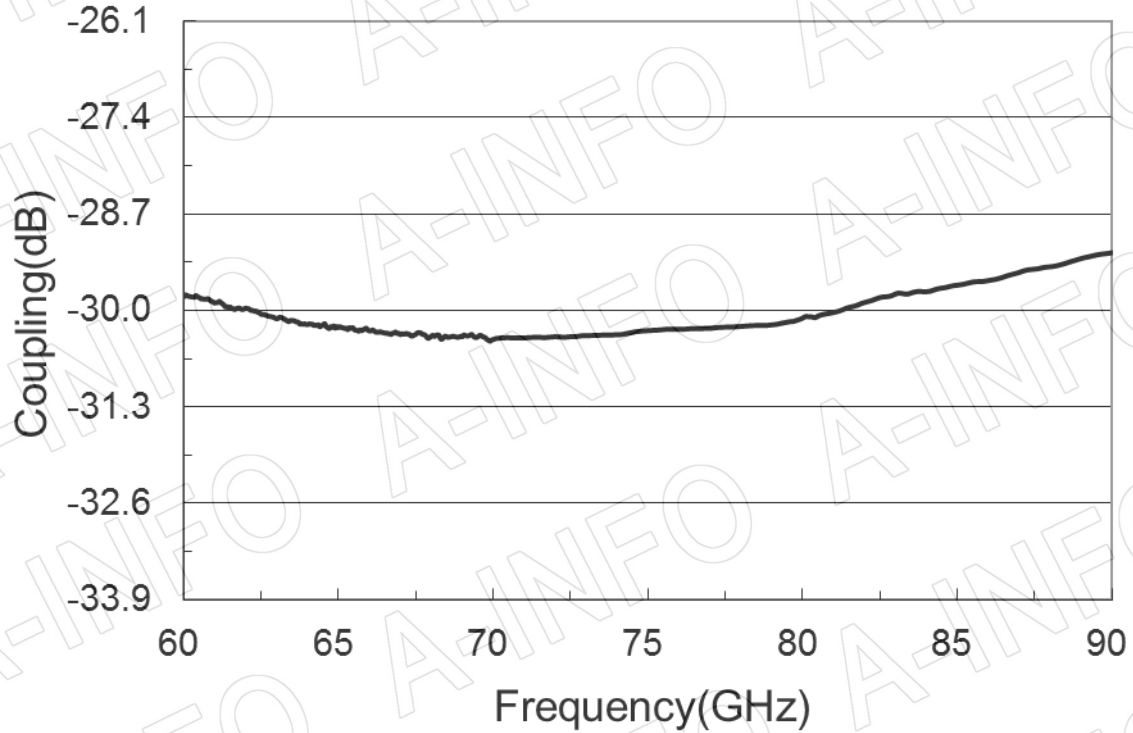


FUGP740
(equivalent to UG-387/U)

Test Results

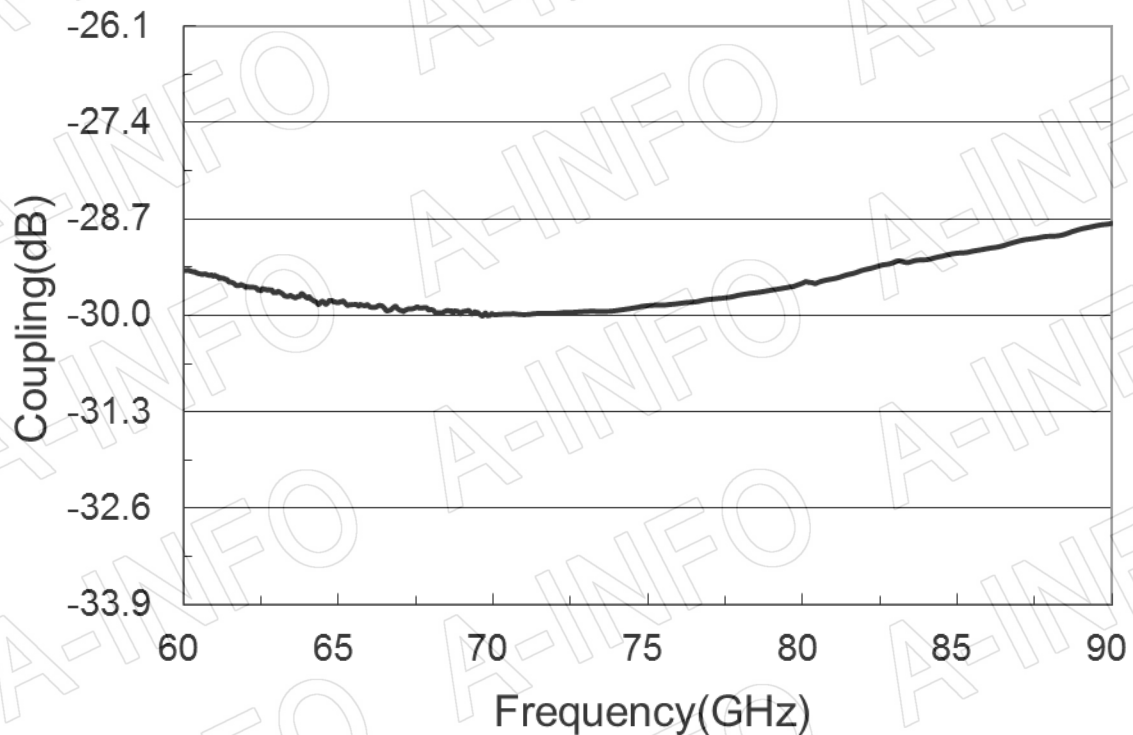
Coupling
Port 1

Max: -29.220 dB Min: -30.437 dB Mean: -30.070 dB



Port 2

Max: -28.756 dB Min: -30.065 dB Mean: -29.637 dB



AINFO Inc.

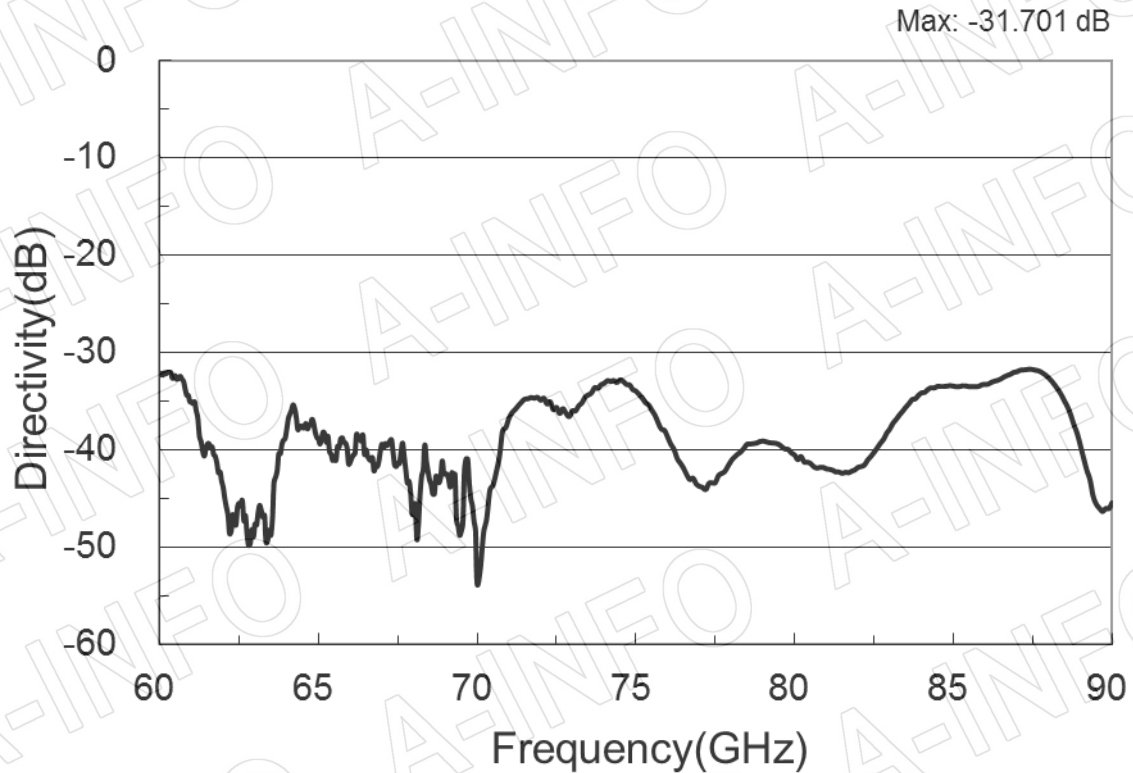
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA: Tel: (+1) 949-639-9688,

Page 3 of 6

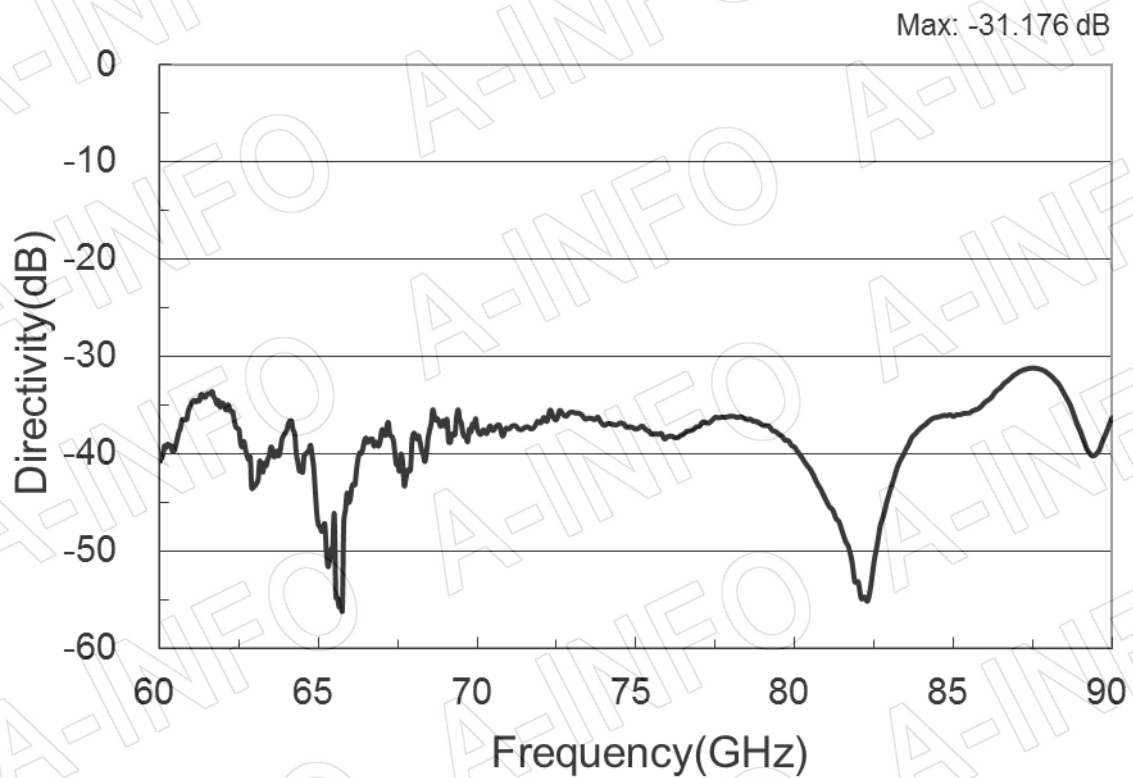
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

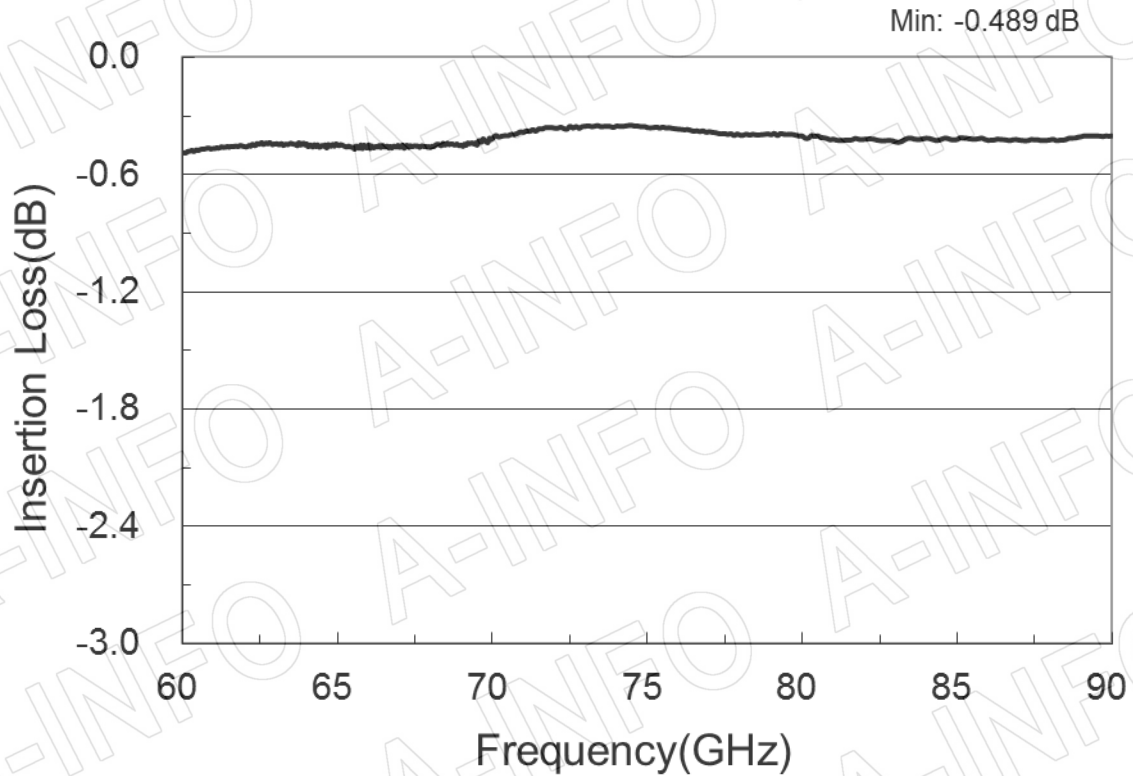
Directivity
Port 1



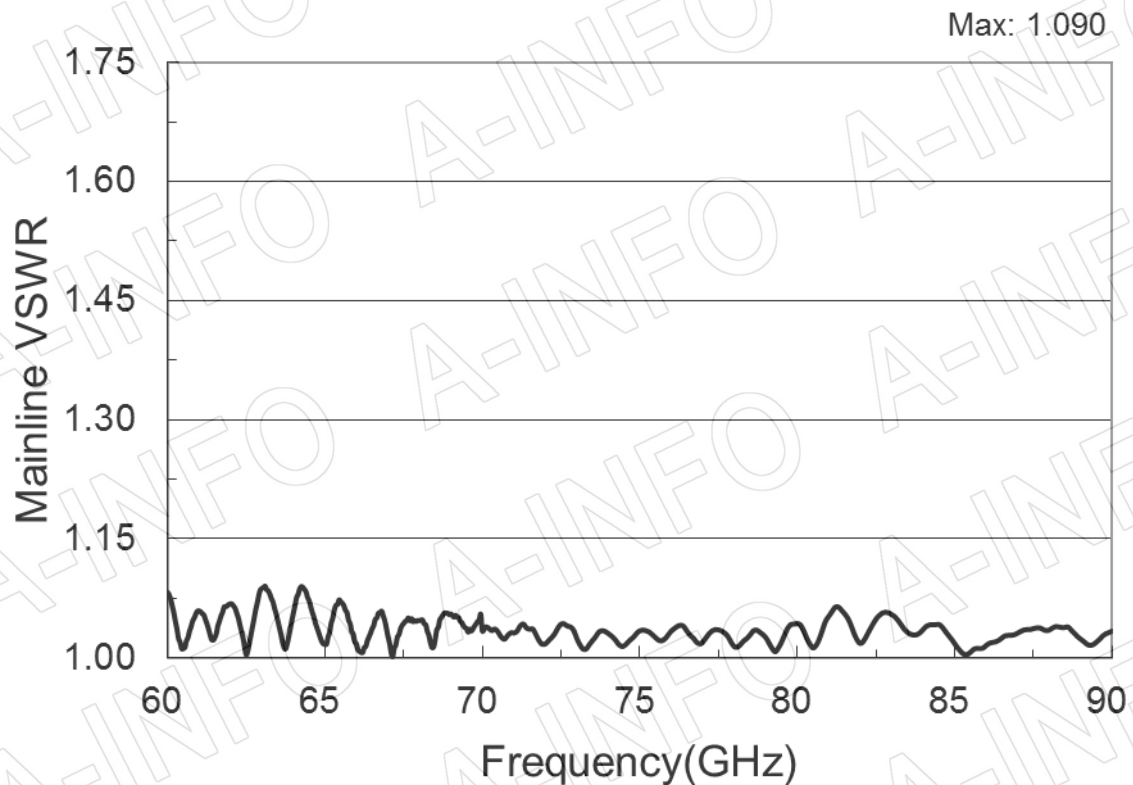
Port 2



I.L. (Including the theoretical loss 8.69×10^{-3} dB)



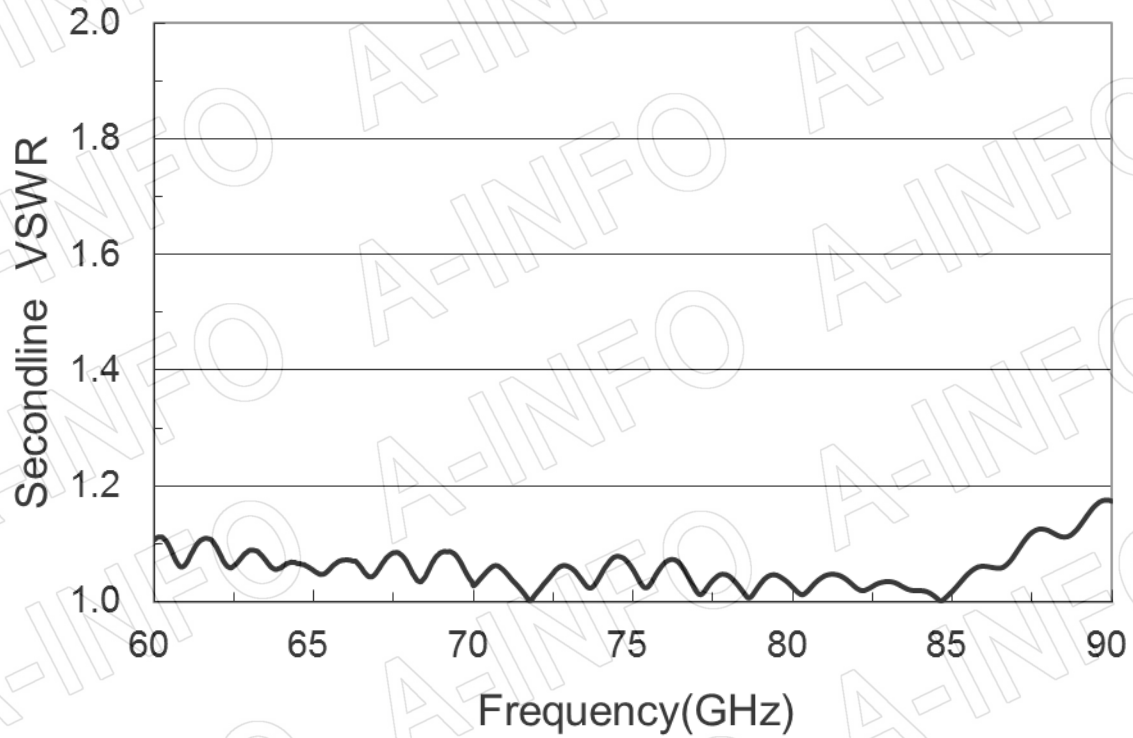
Mainline VSWR



Secondline VSWR

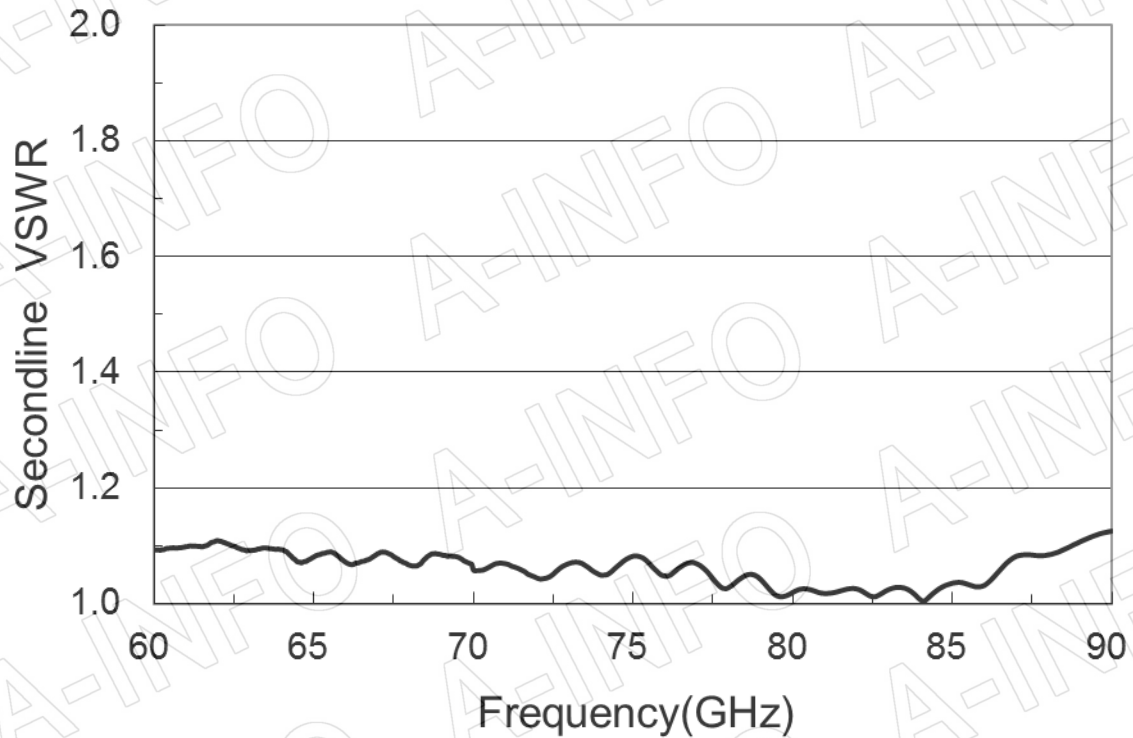
Port 1

Max: 1.176



Port 2

Max: 1.126



AINFO Inc.

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

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

Page 6 of 6

(+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