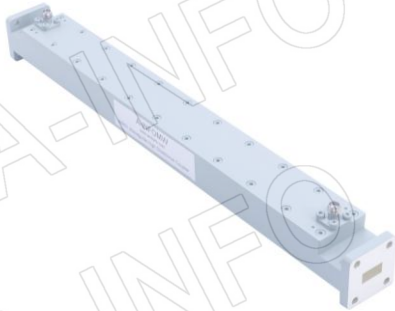


Technical Specification

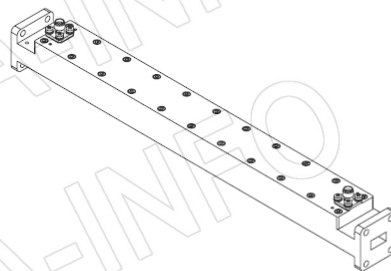
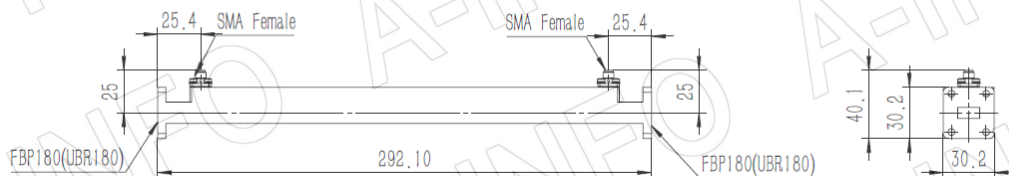


EIA WR	WR51
Frequency Range(GHz)	15.0 - 22.0
Coupling(dB)	40
Coupling Accuracy(dB)	±0.9 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	Depending on the Return Loss of coaxial load connected to reverse coupling port.
Insertion Loss(dB)	0.2 Max. (not including the theoretical loss 4.34×10^{-4} dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.50:1 Max.
Flange	FBP180(UBR180)
Coupling Port	SMA-Female/ SMA-Male
Material	Cu
Size(mm)	292.1 x 30.2 x 40.1
Net Weight(Kg)	1.56 Around

Outline Drawing (Size: mm)

Coupling Port: SMA-Female

For SMA-Male connector Coupling Port outline drawing, please contact A-INFO.

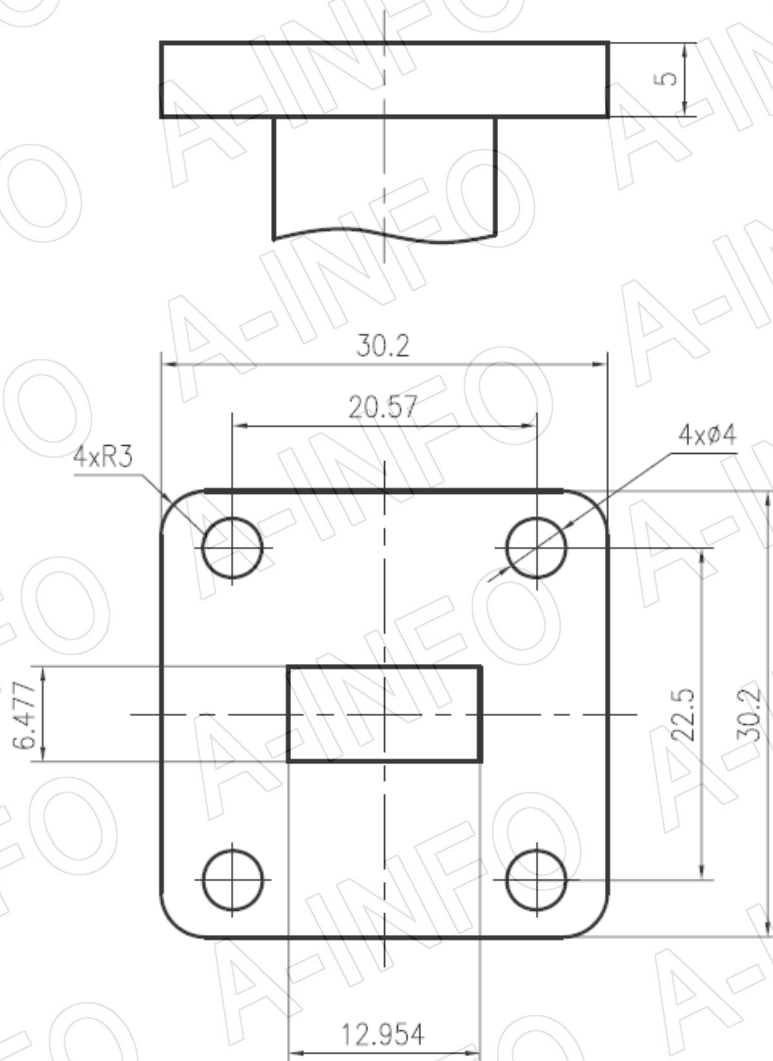


AINFO Inc.

Page 1 of 6

China(Beijing):
China(Chengdu):
USA :Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Flange Drawing (Size: mm)



FBP180

AINFO Inc.

Page 2 of 6

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

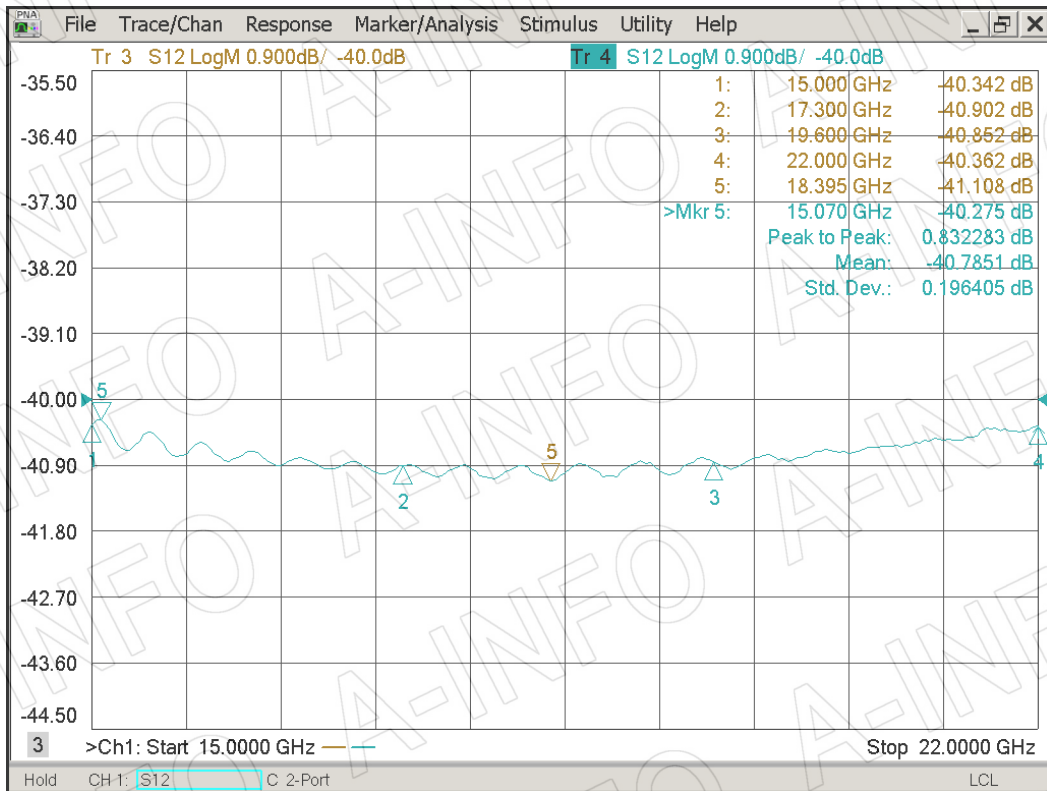
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

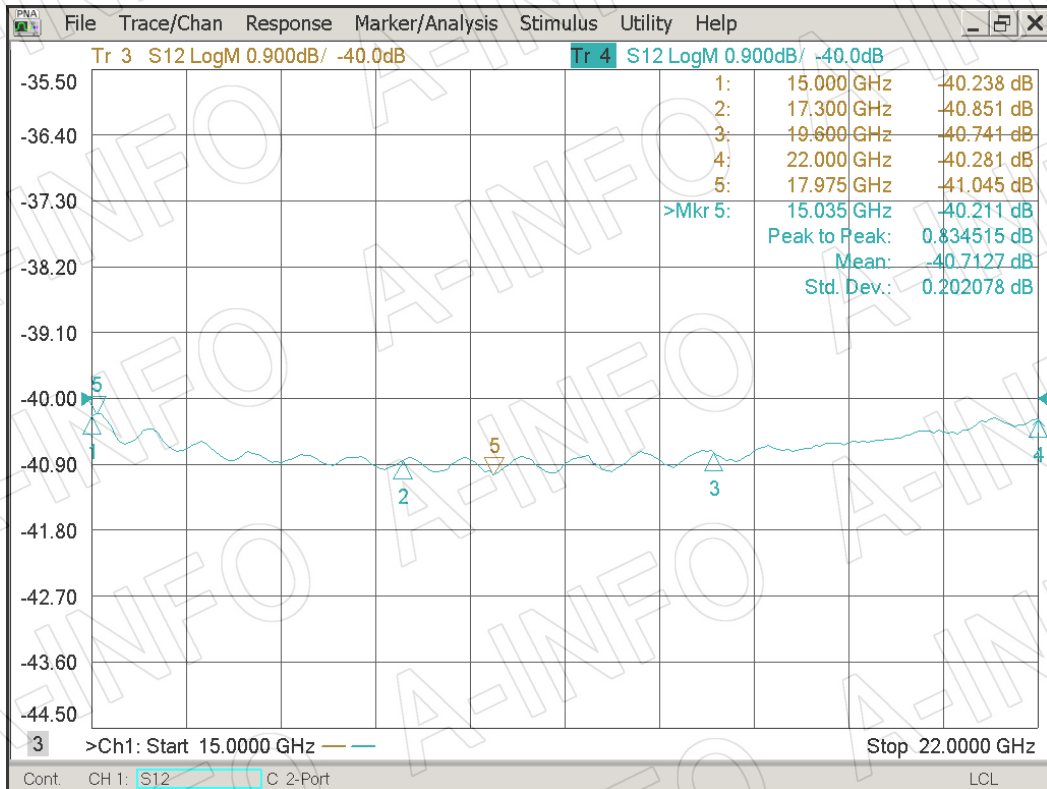
Test Results

Coupling

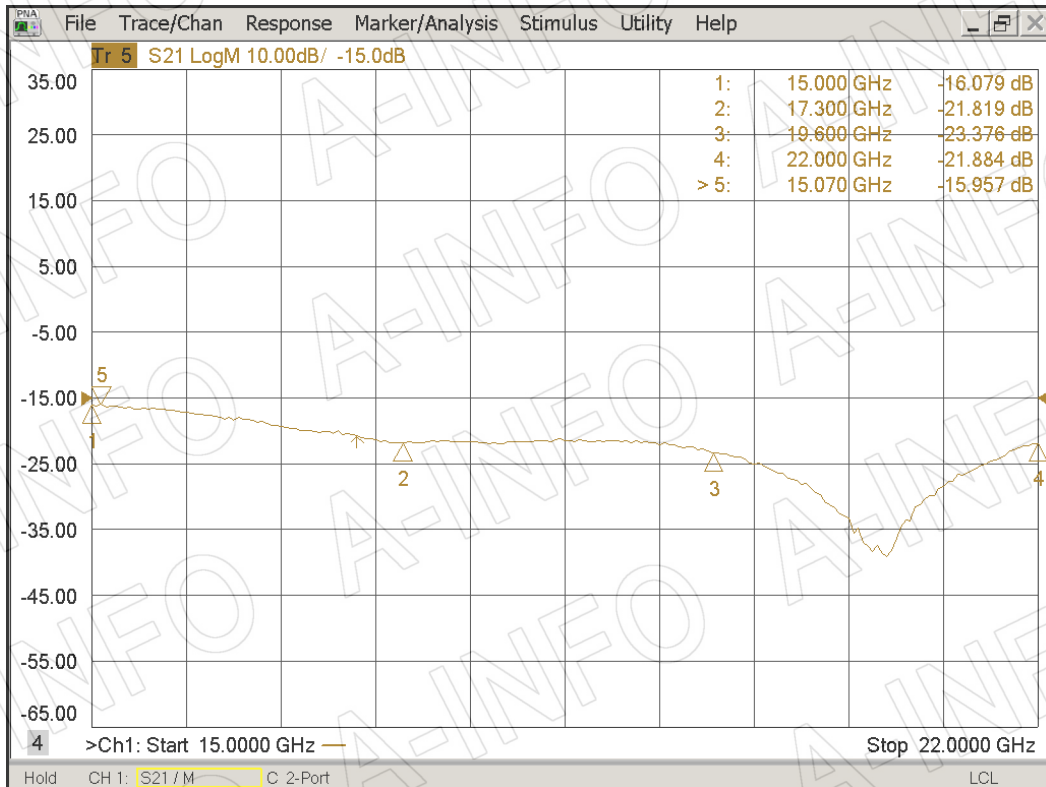
Port 1



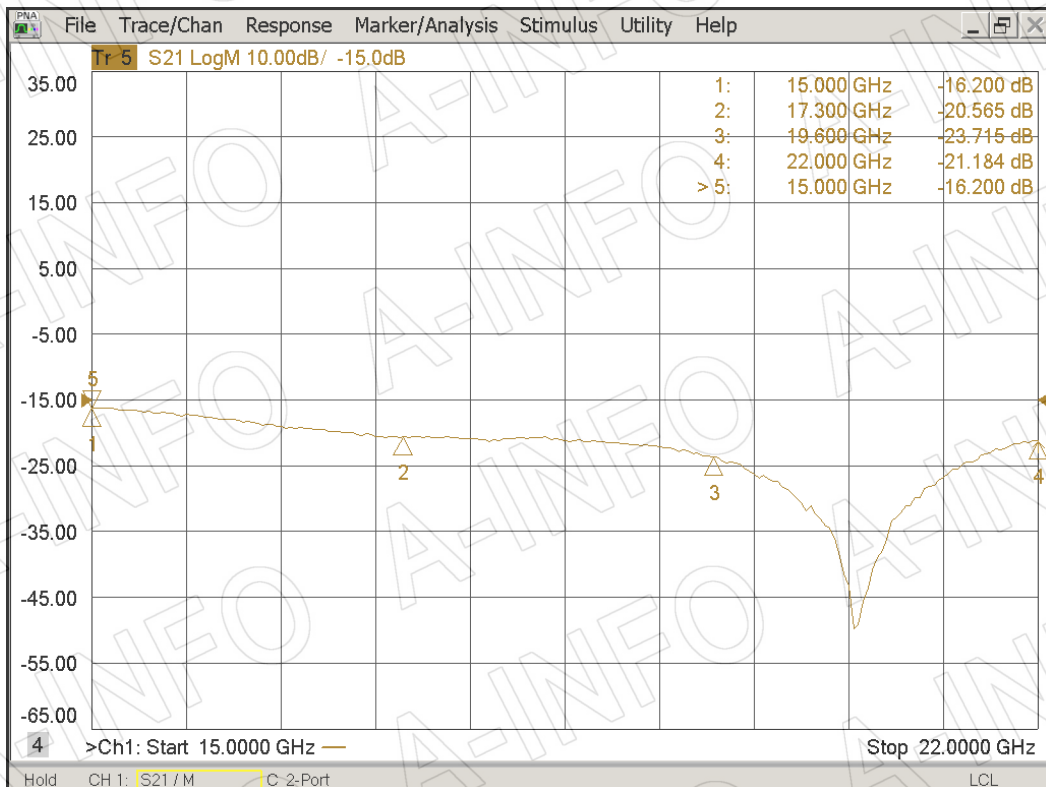
Port 2



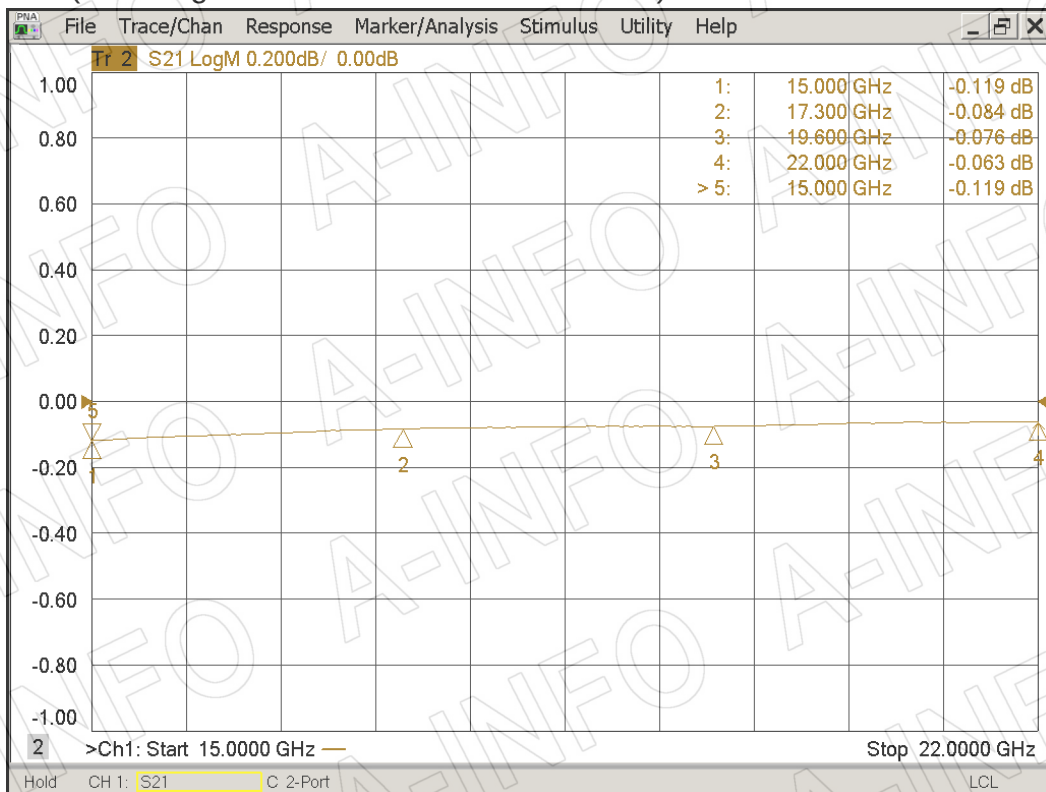
Directivity Port 1



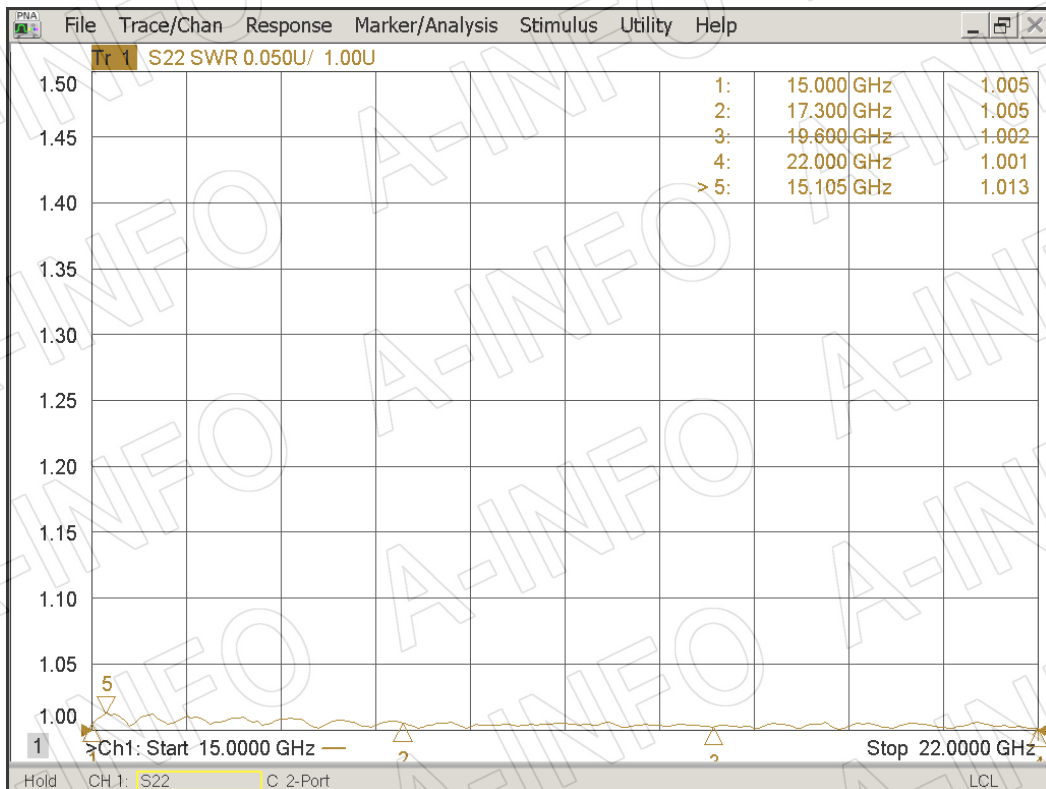
Port 2



Insertion Loss(Including the theoretical loss 4.34×10^{-4} dB)



Mainline VSWR



AINFO Inc.

Page 5 of 6

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

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

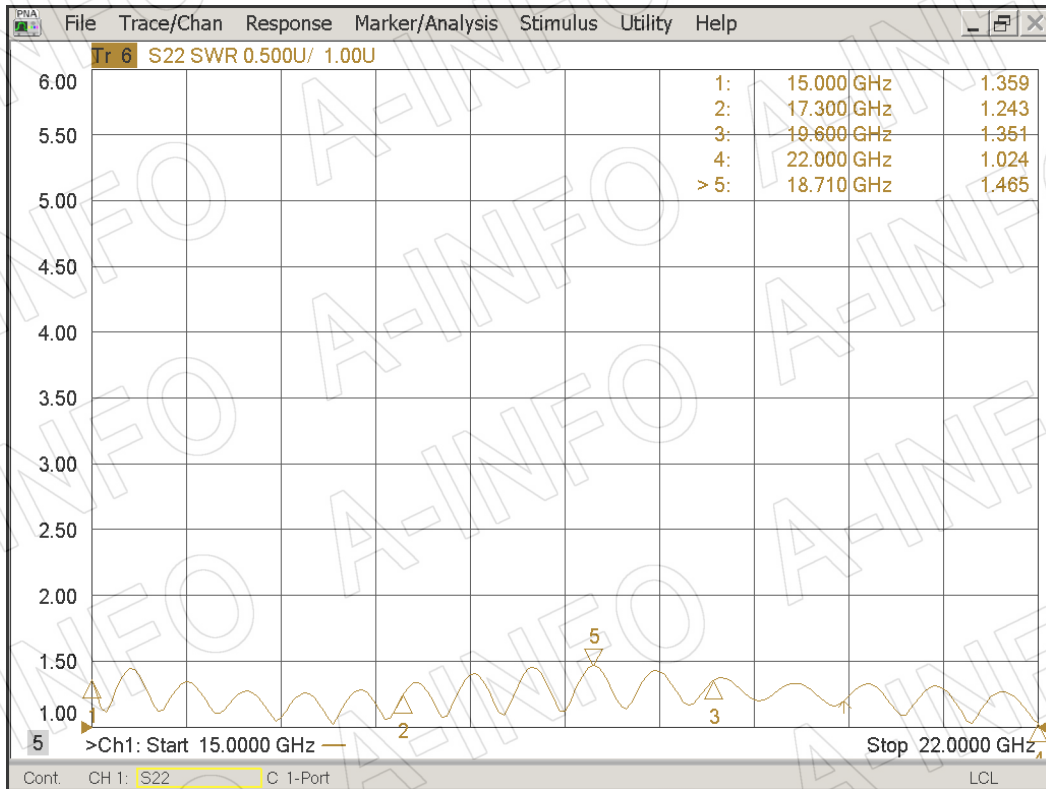
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

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

Secondline VSWR

Port 1



Port 2

