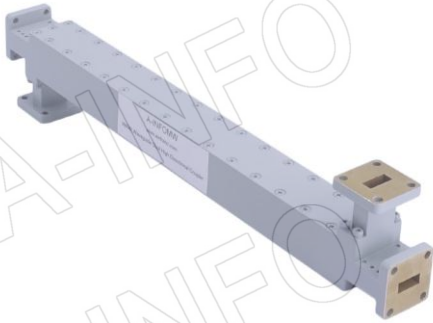
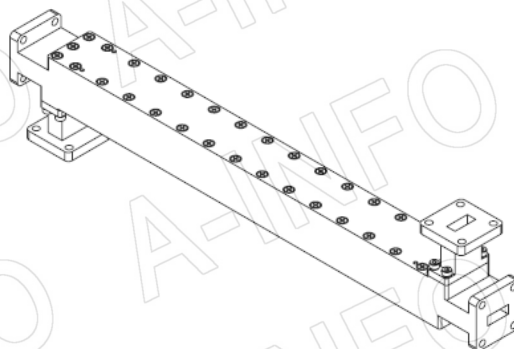
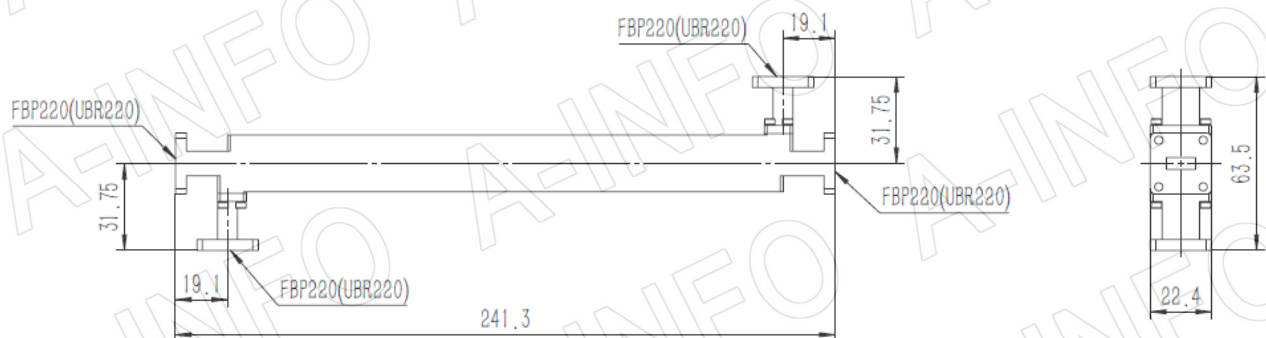


Technical Specification



EIA WR	WR42
Frequency Range(GHz)	18.0 – 26.5
Coupling(dB)	30
Coupling Accuracy(dB)	±1.0 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	1.10:1 Max.
Secondline VSWR	1.15:1 Max.
Flange	FBP220(UBR220)
Material	Al
Size(mm)	241.3 x 22.4 x 63.5
Net Weight(Kg)	0.25 Around

Outline Drawing (Size: mm)



AINFO Inc.

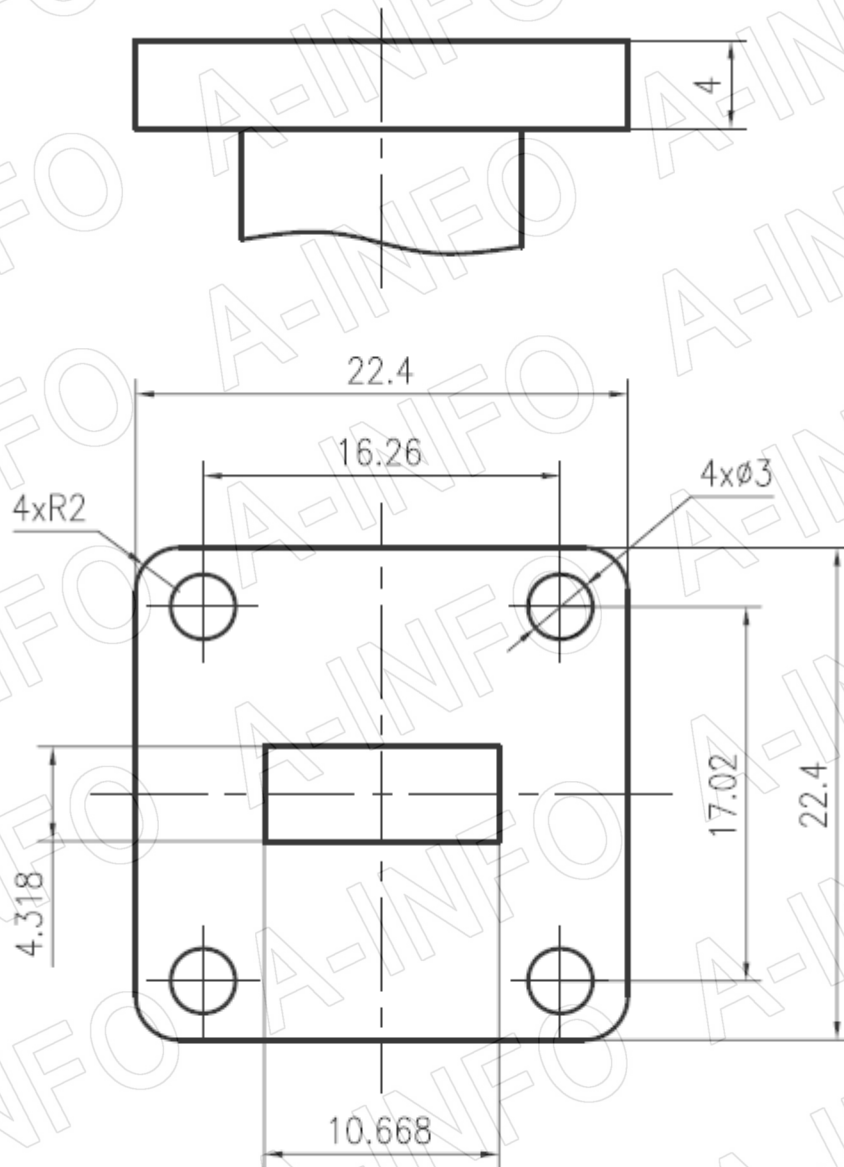
Page 1 of 6

China(Beijing): Tel: (+86) 10-6266-7326,
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
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

Flange Drawing (Size: mm)



FBP220

AINFO Inc.

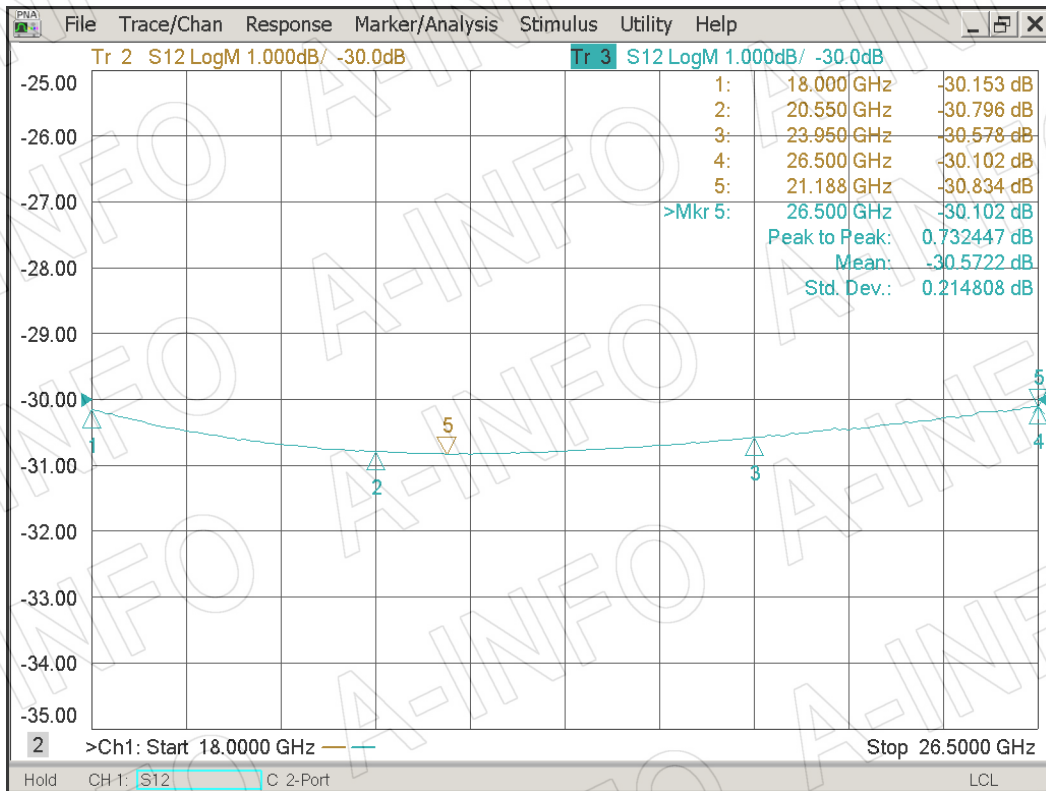
Page 2 of 6

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

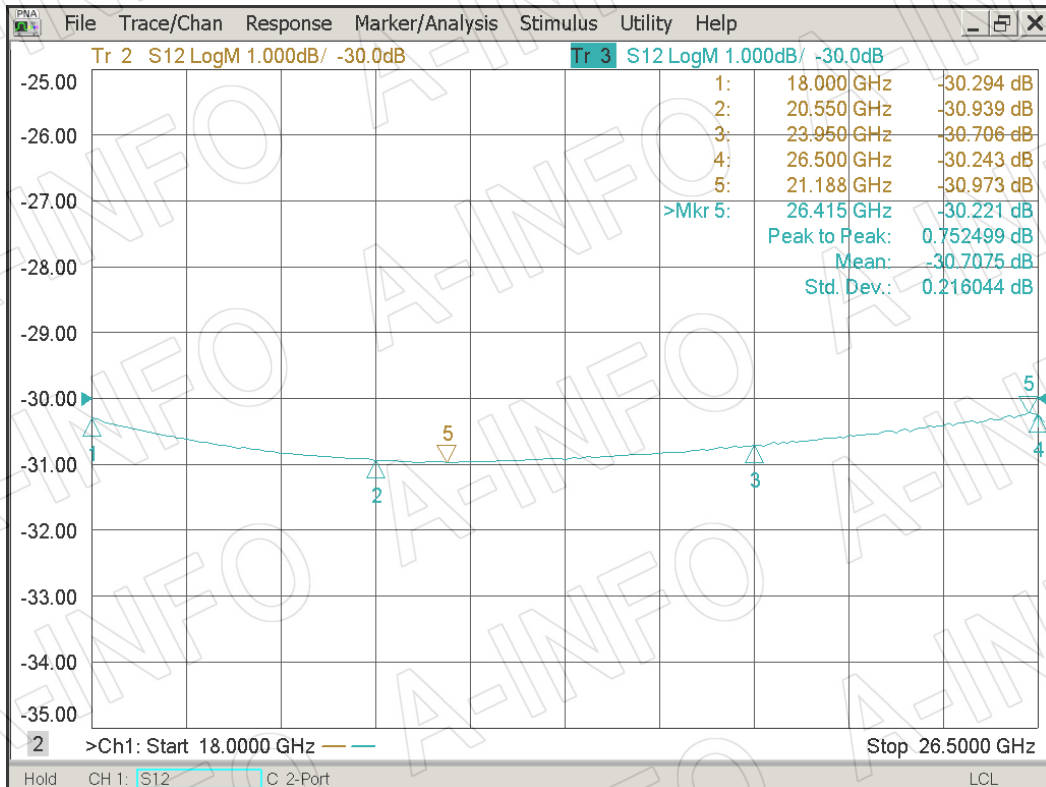
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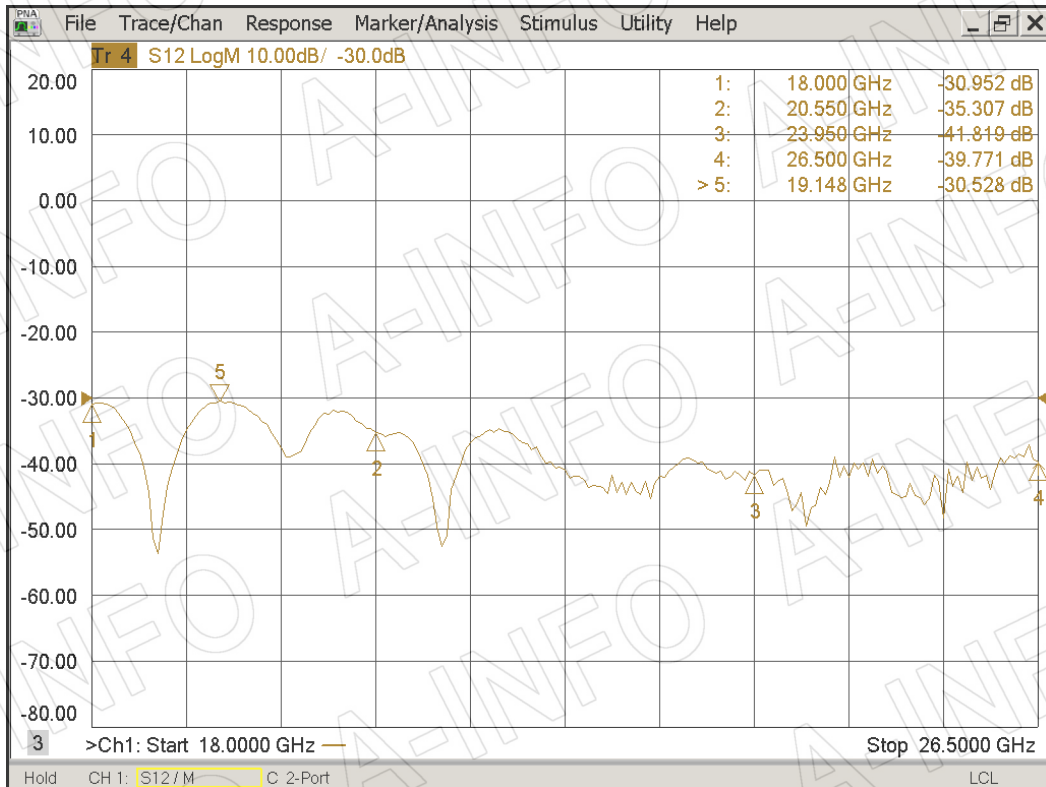
Test Results

Coupling
Port 1

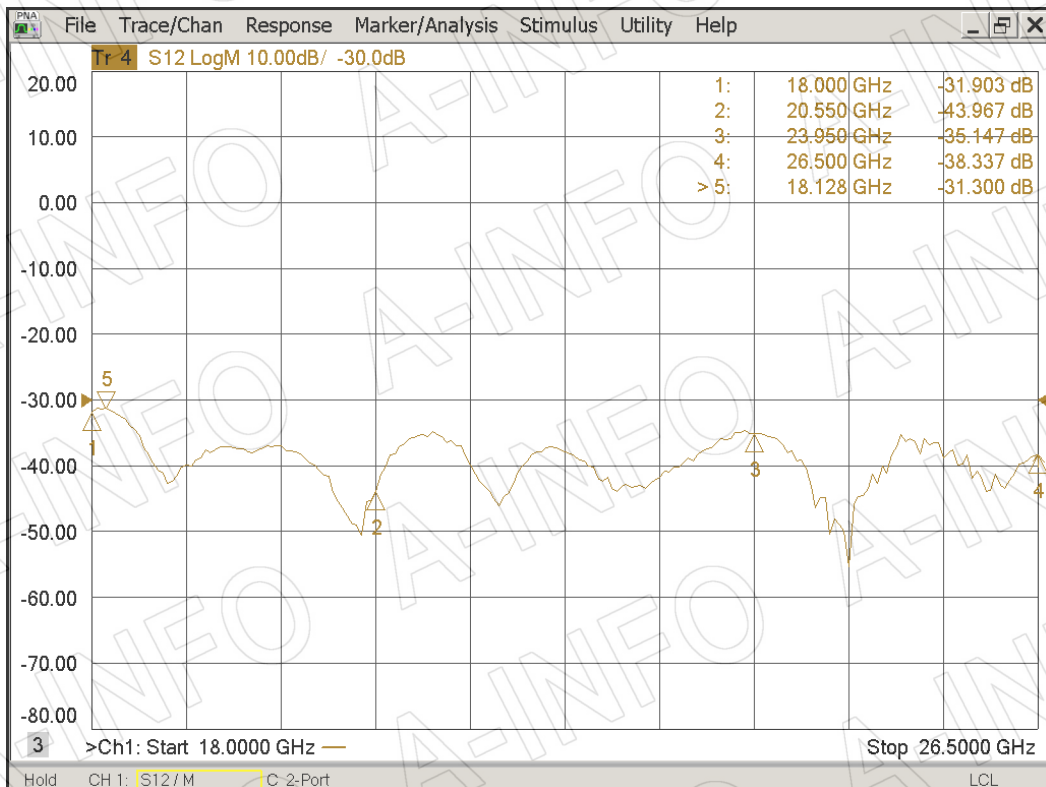
Port 2



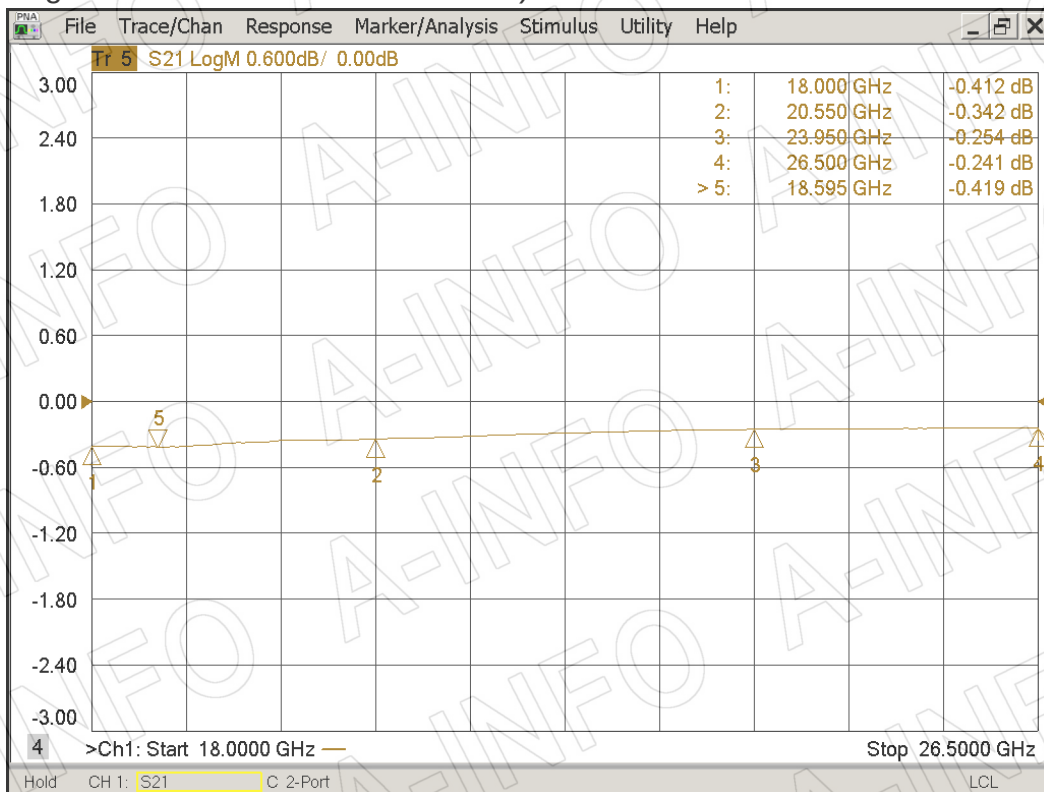
Directivity Port 1



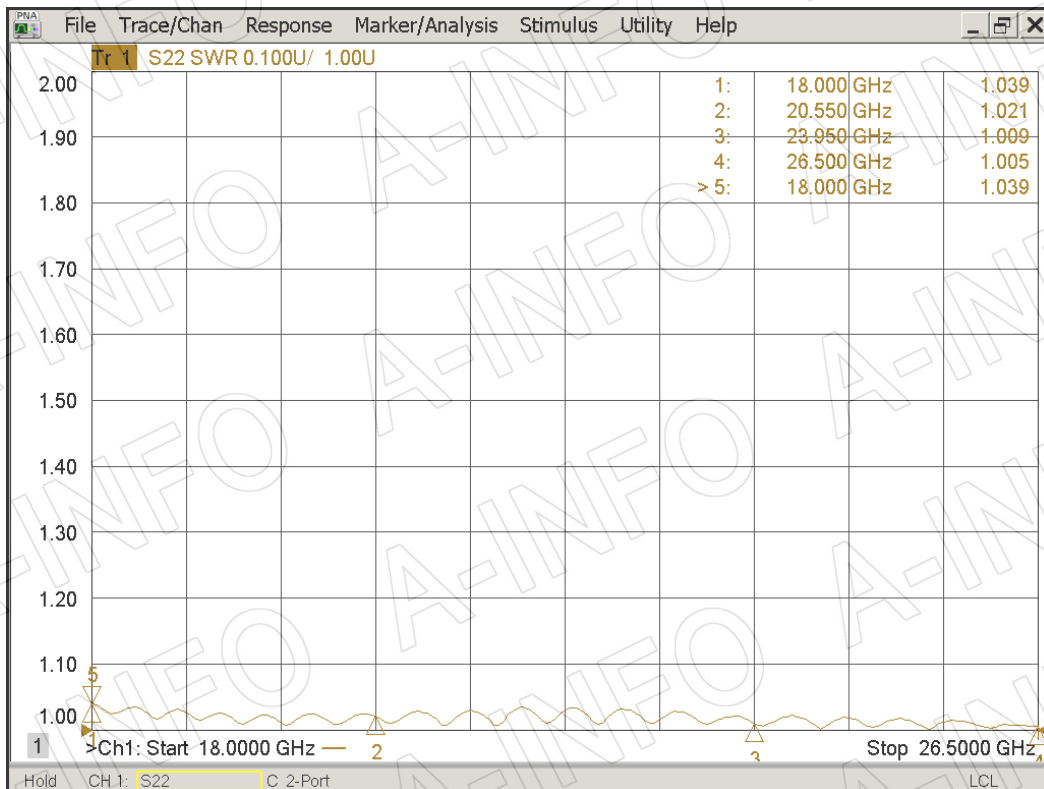
Port 2



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

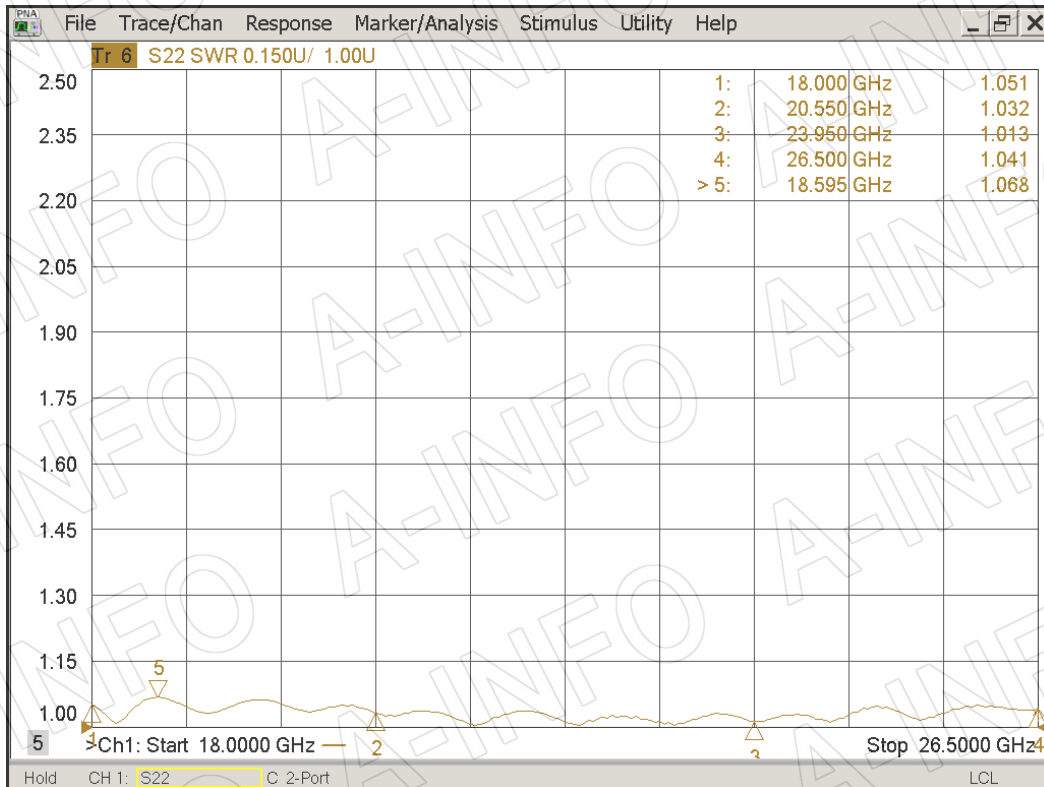


Mainline VSWR



Secondline VSWR

Port 1



Port 2

