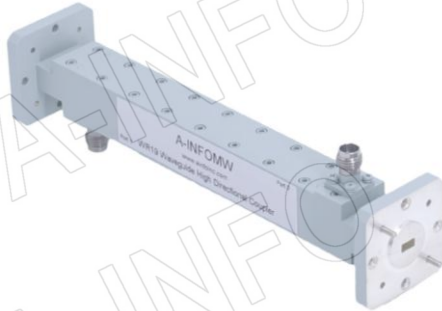


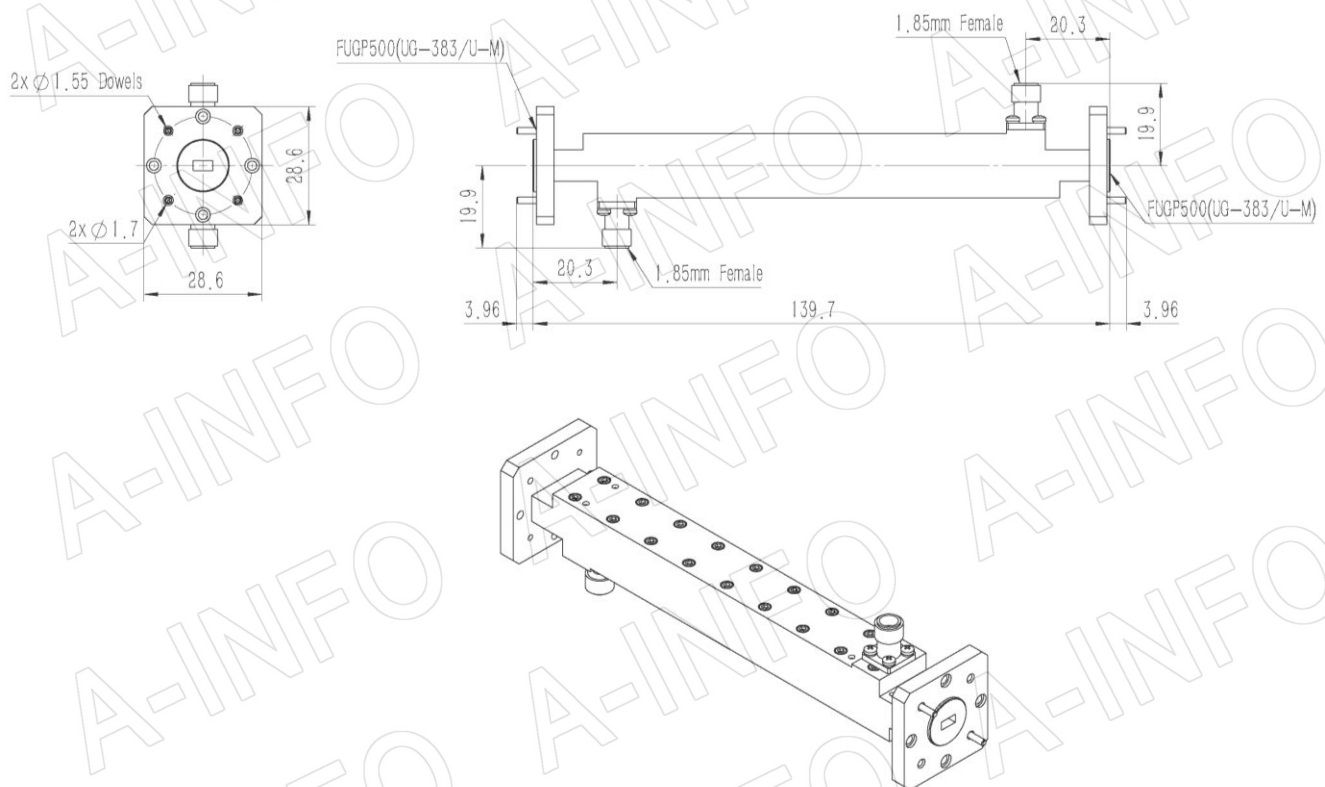
For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR19
Frequency Range(GHz)	40.0 – 60.0
Coupling(dB)	40
Coupling Accuracy(dB)	±1.0 Max.
Frequency Sensitivity(dB)	±0.9 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.3 Max. (Not including the theoretical loss 8.69×10^{-4} dB)
Mainline VSWR	1.10:1 Max.
Secondline VSWR	1.40:1 Max.
Flange	FUGP500(UG-383/U-M)
Coupling Port	1.85mm-Female
Material	Cu
Size(mm)	139.7 x 28.6 x 28.6
Net Weight(Kg)	0.28 Around

Outline Drawing (Size: mm)



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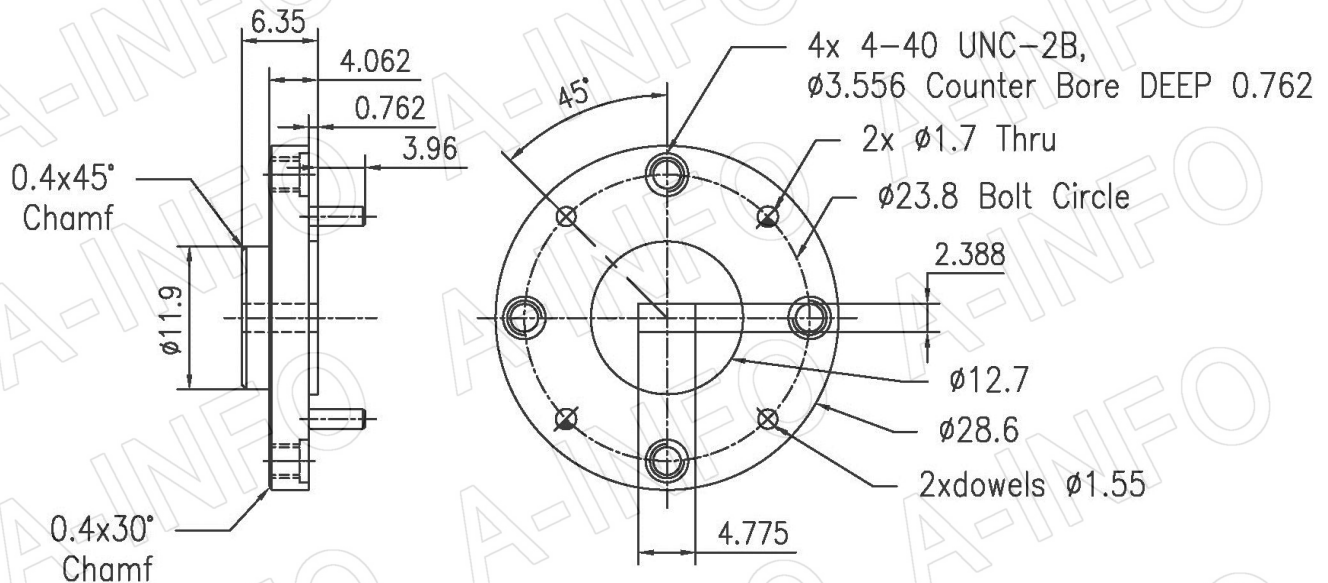
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA: Tel: (+1) 949-346-7326,

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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9660 Fax: (+1) 949-639-9659

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

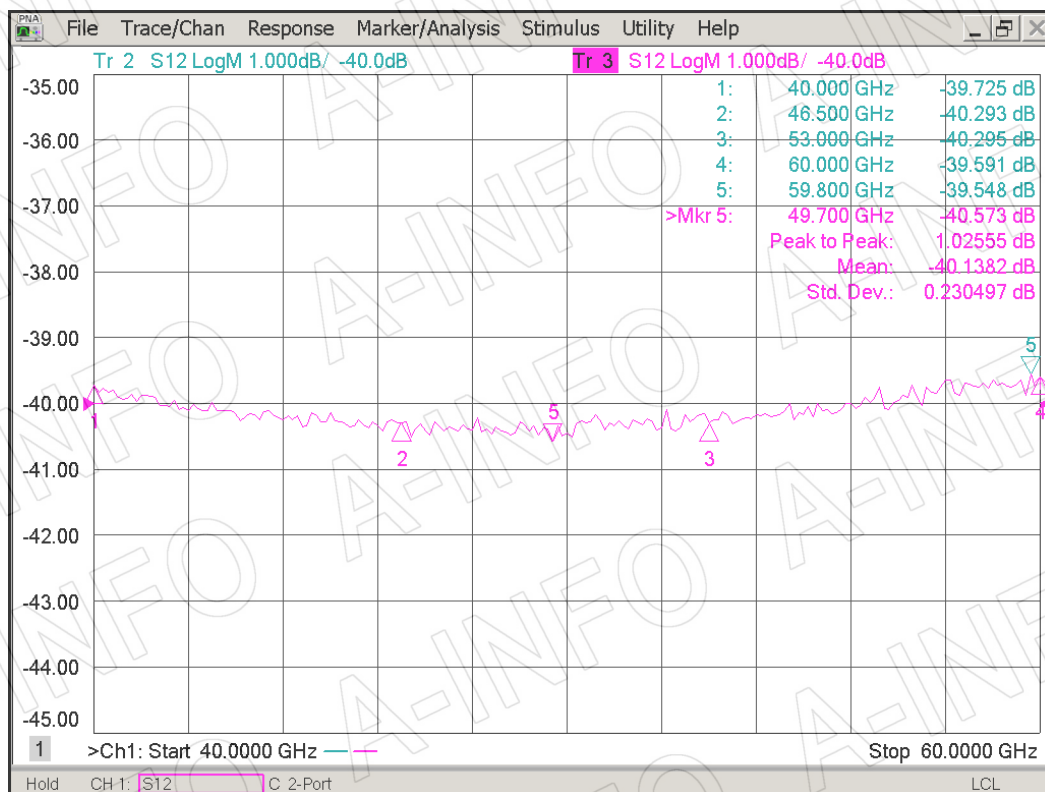
Flange Drawing (Size: mm)



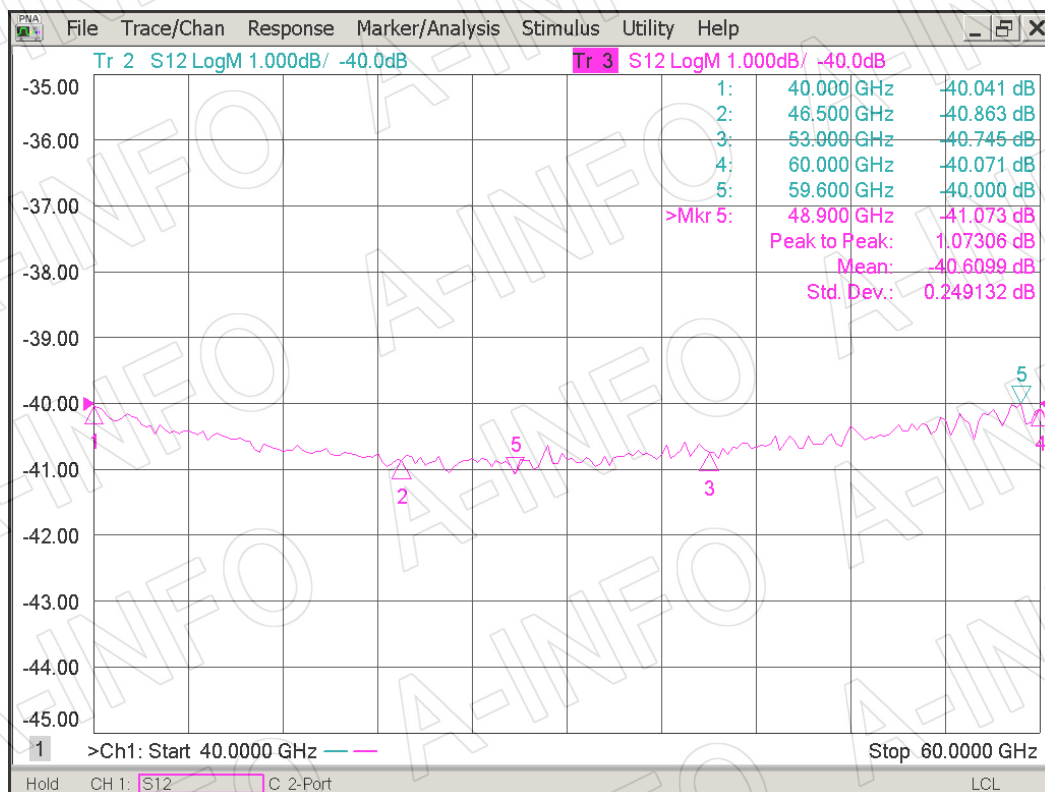
FUGP500
(equivalent to UG-383/U-M)

Test Results

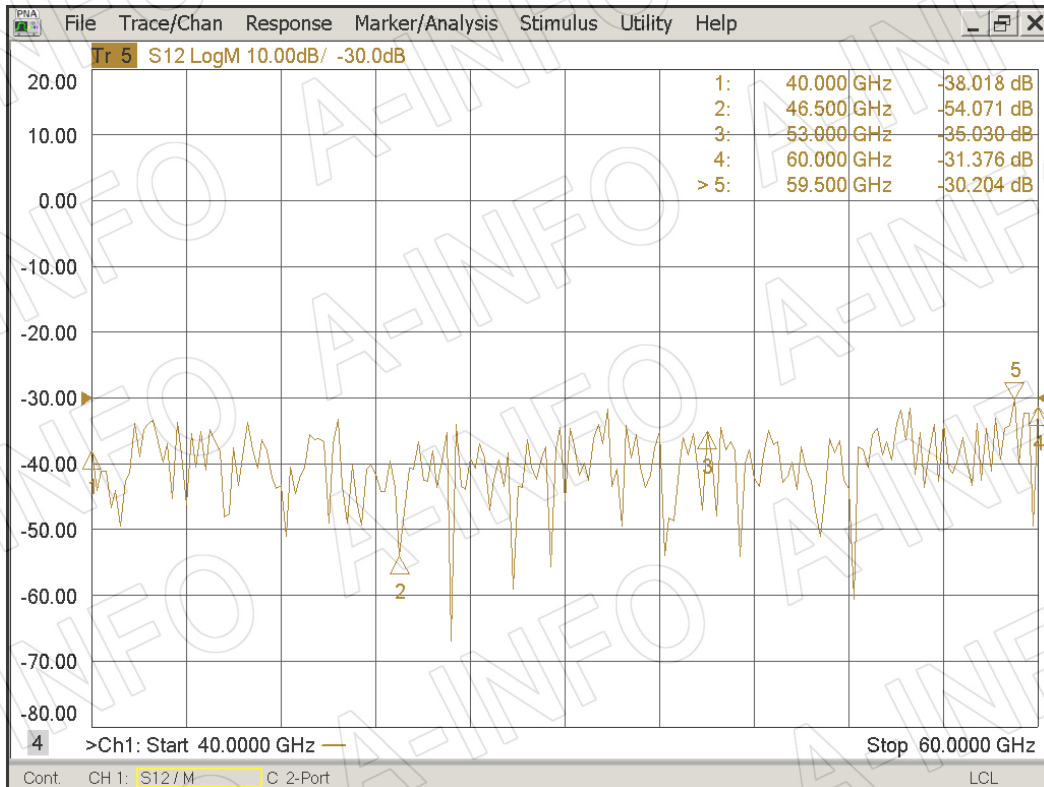
Coupling Port 1



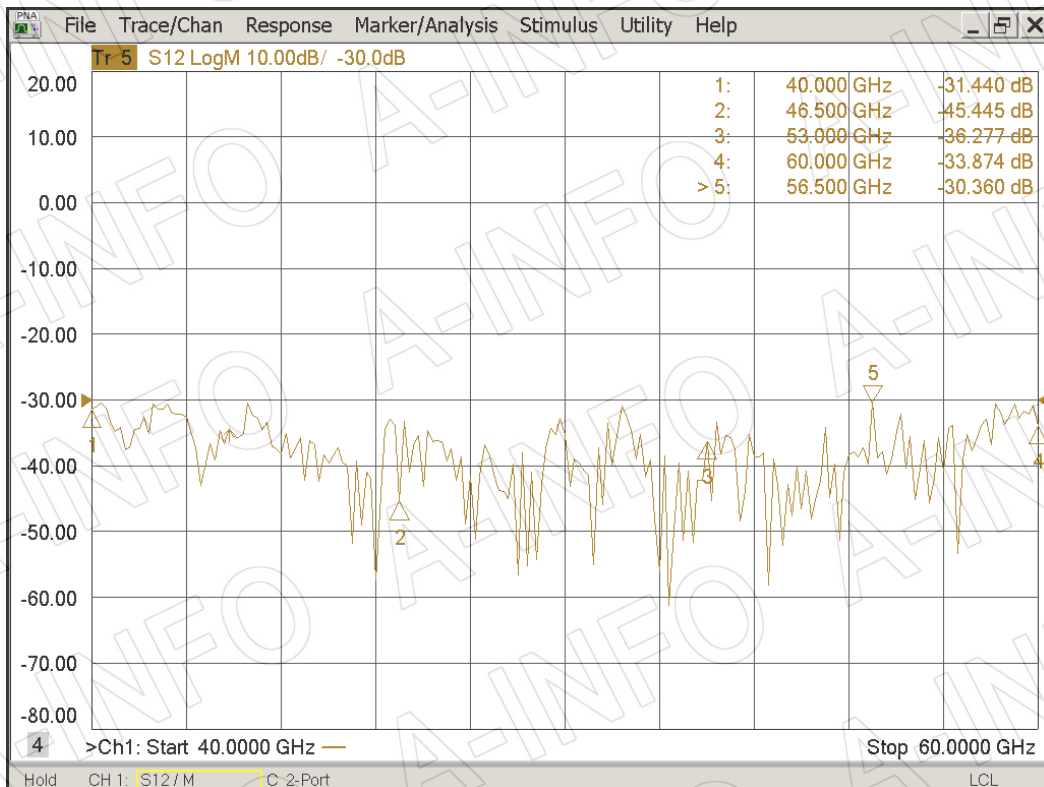
Port 2



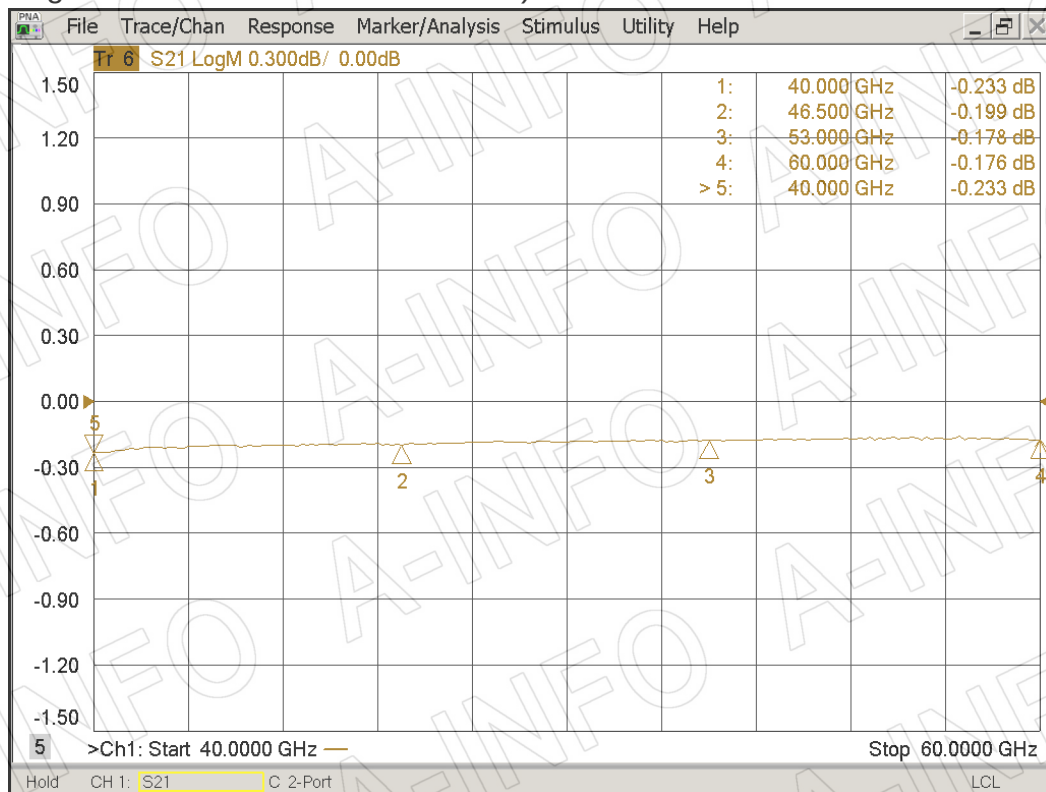
Directivity Port 1



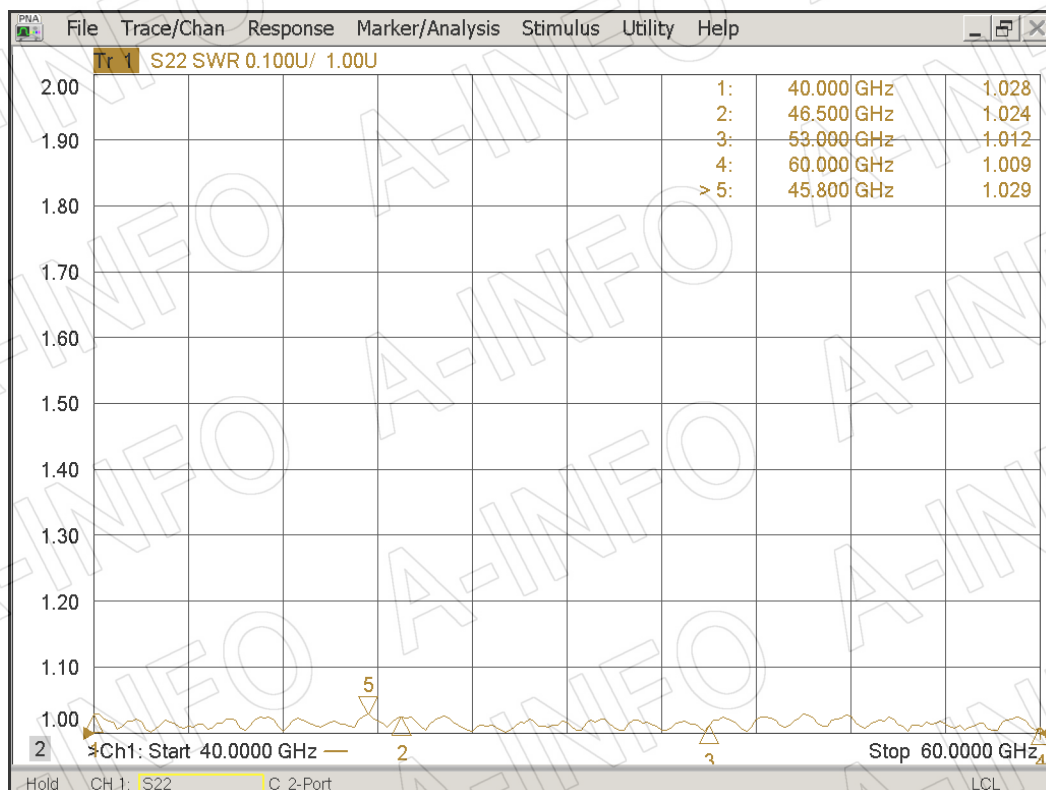
Port 2



I.L. (Including the theoretical loss 8.69×10^{-4} dB)

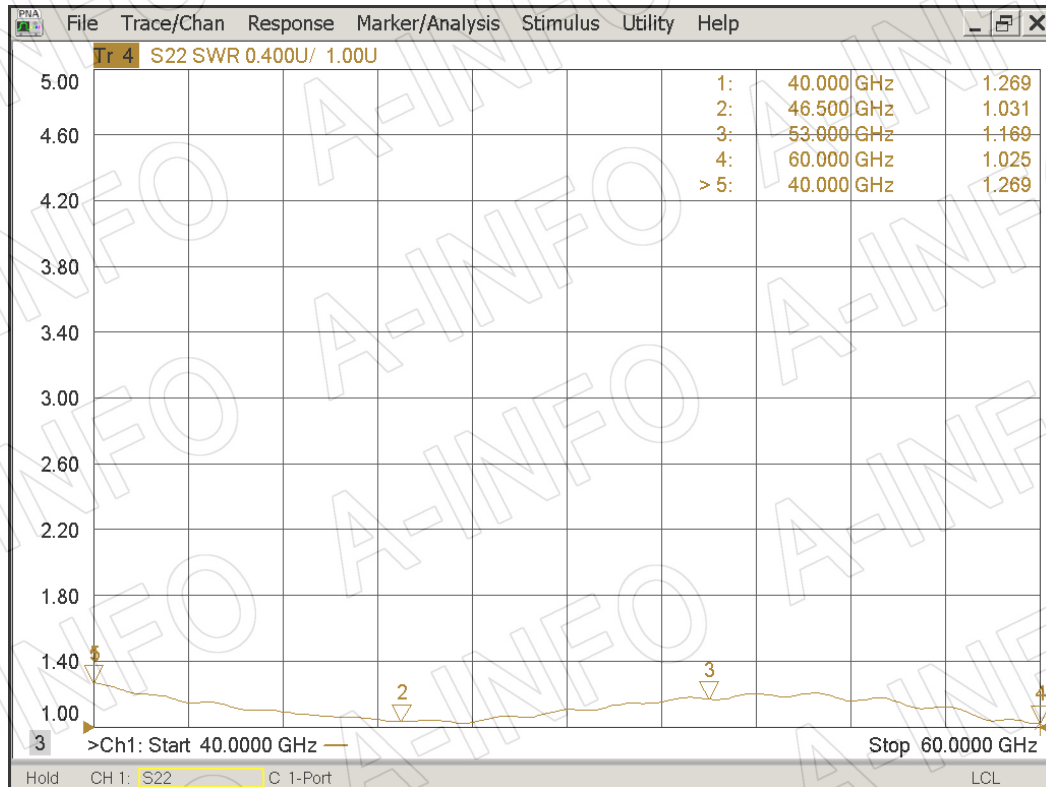


Mainline VSWR



Secondline VSWR

Port 1



Port 2

