

## Technical Specification

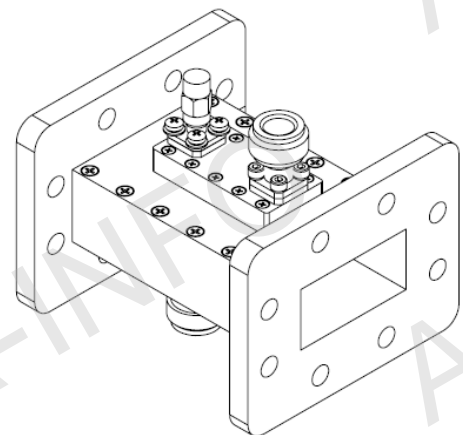
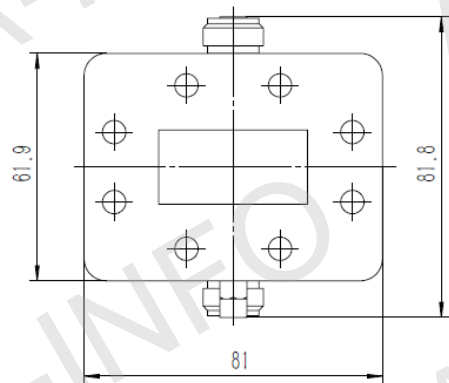
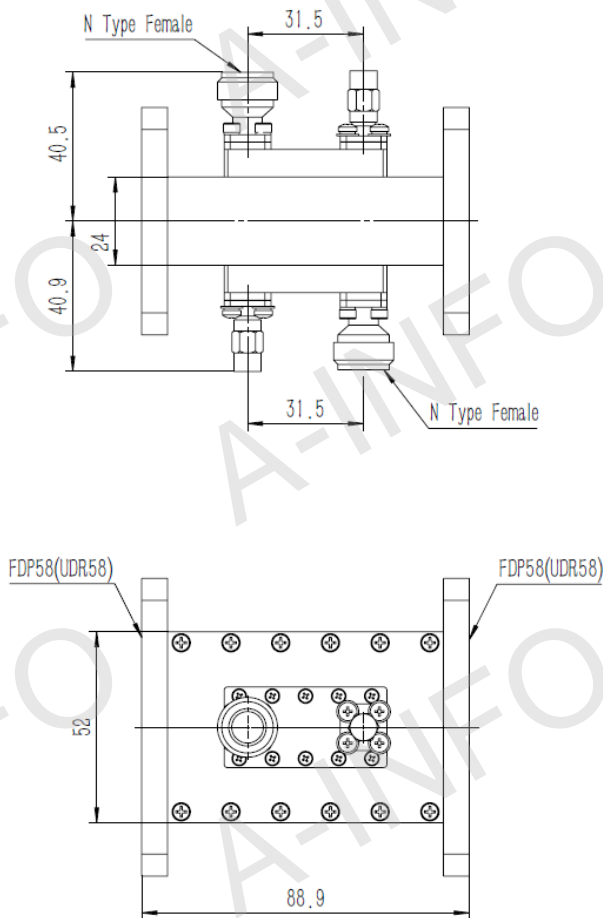


EIA WR	WR159
Frequency Range(GHz)	4.90 - 7.05
Coupling(dB)	40 Typ.
Directivity(dB)	15 Typ.
Insertion Loss(dB)	0.1 Max. (Not including the theoretical loss $4.34 \times 10^{-4}$ dB)
Mainline VSWR	1.10:1 Max.
Secondline VSWR	1.35:1 Max.
Flange	FDP58(UDR58)
Coupling Port	N-Female/N-Male
Material	Al
Net Weight(Kg)	0.26 Around

## Outline Drawing (Size: mm)

Coupling Port: N-Female

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



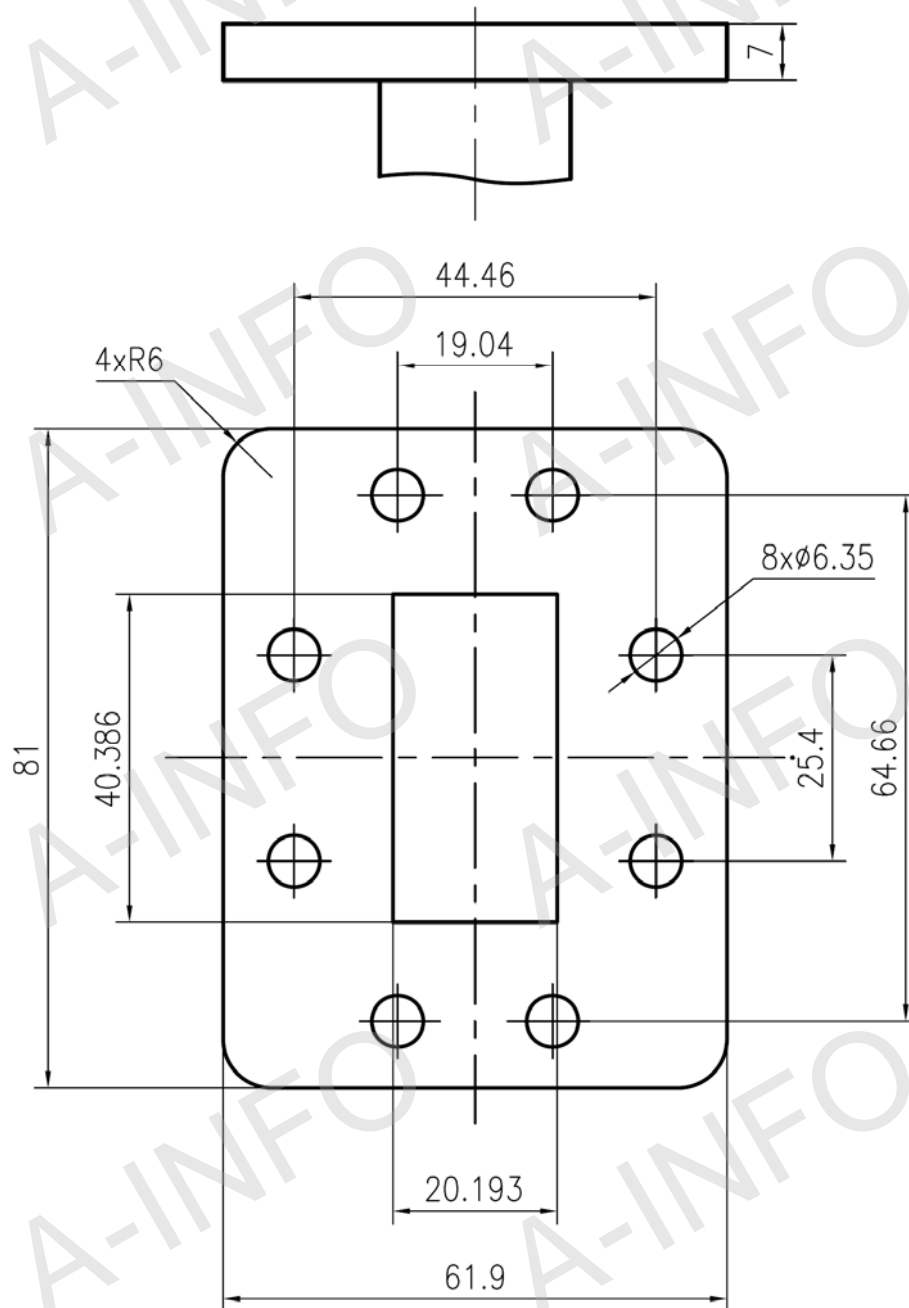
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 USA: Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670

Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
 Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Flange Drawing (Size: mm)



## FDP58

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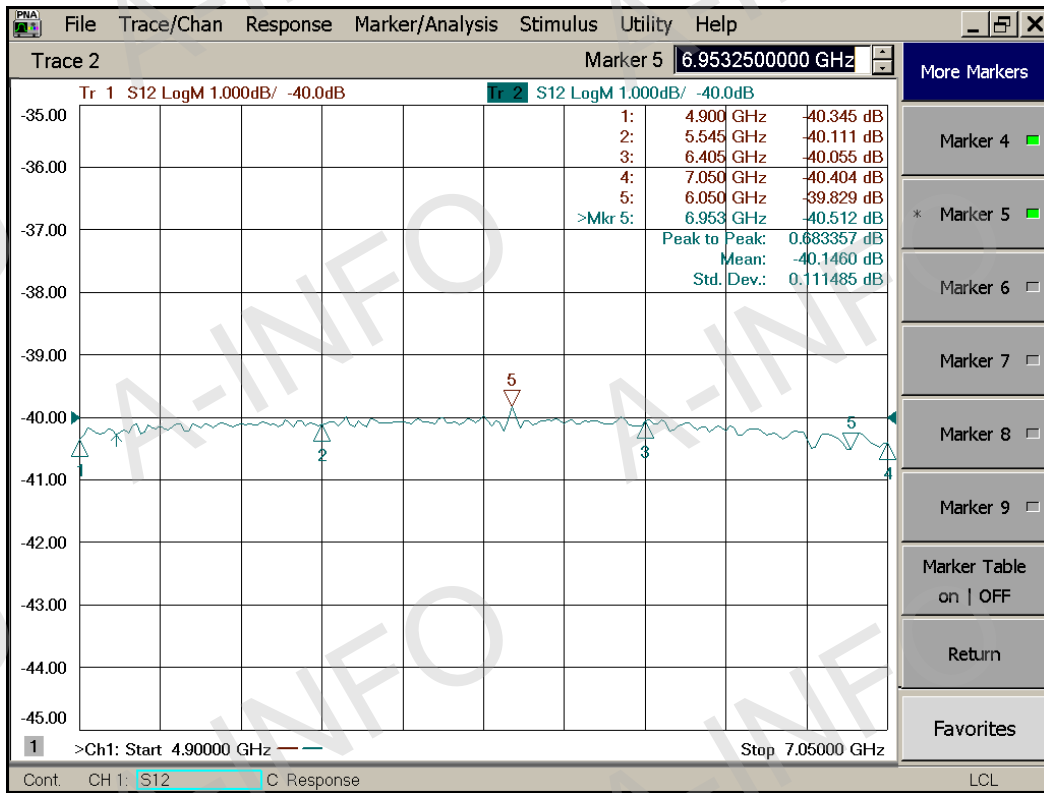
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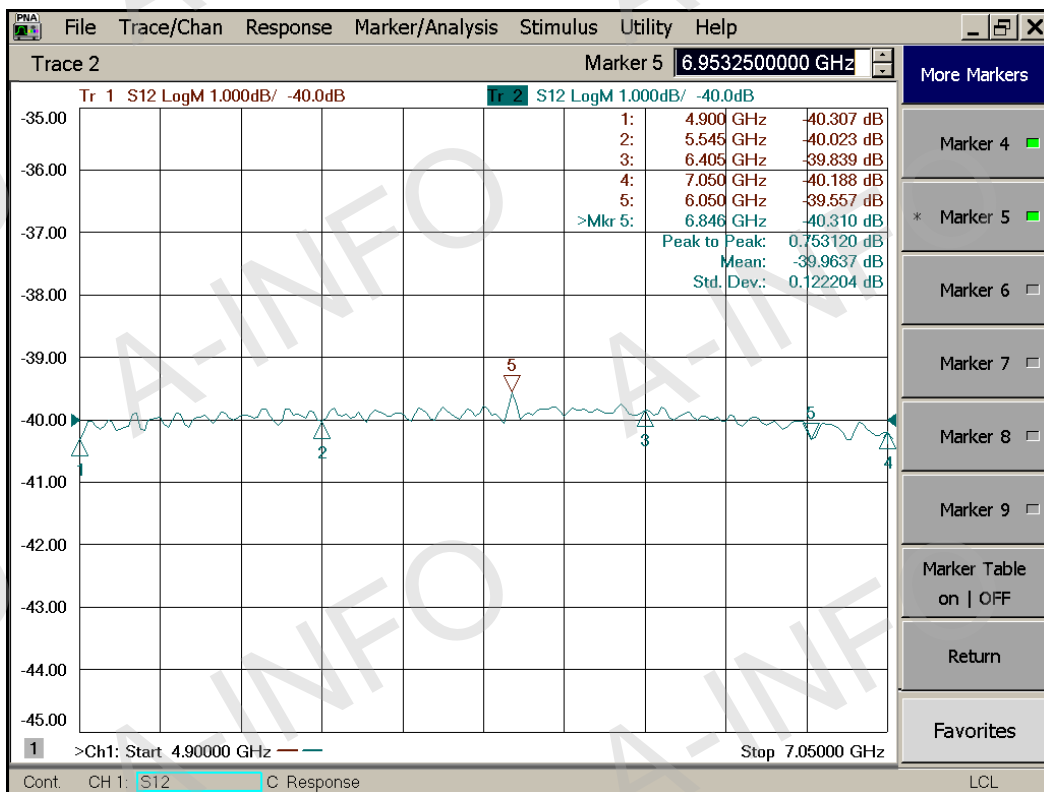
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## Test Results

Coupling  
Port 1



Port 2



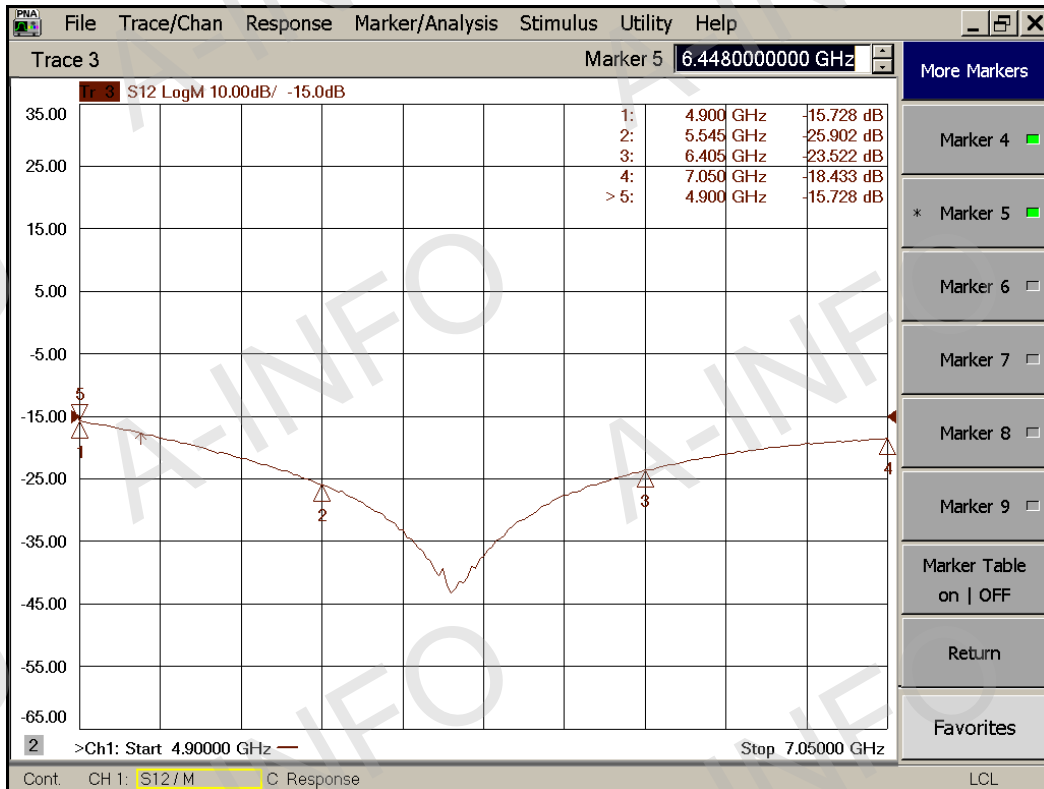
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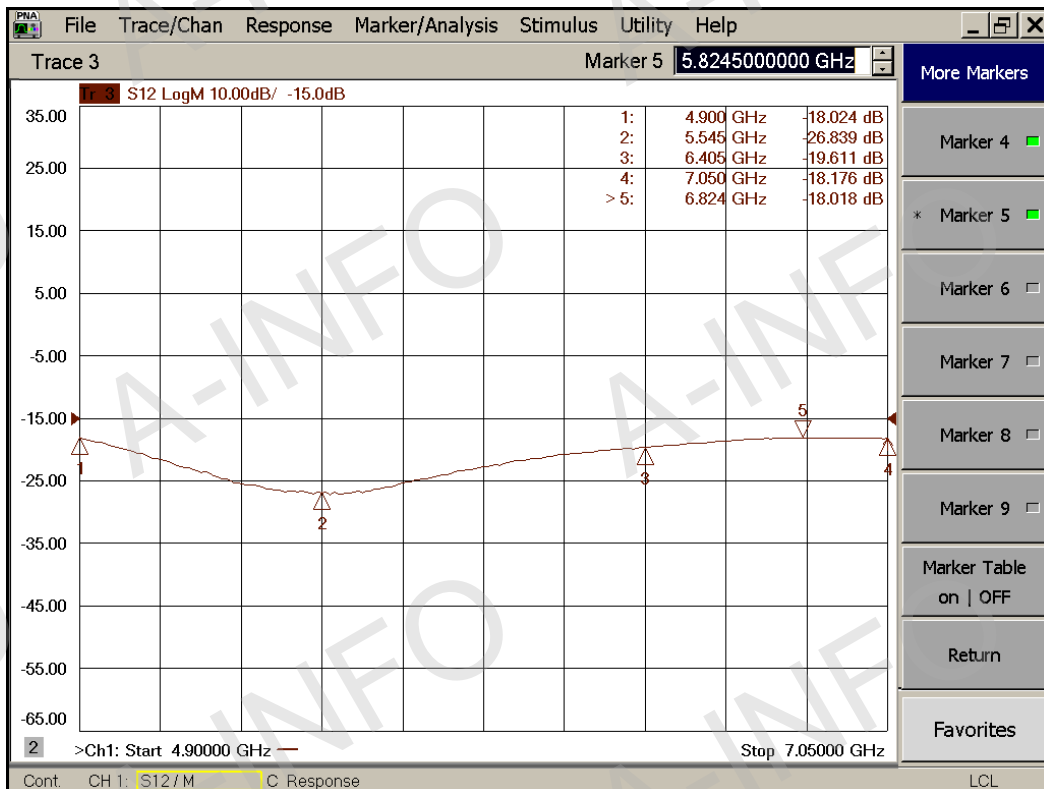
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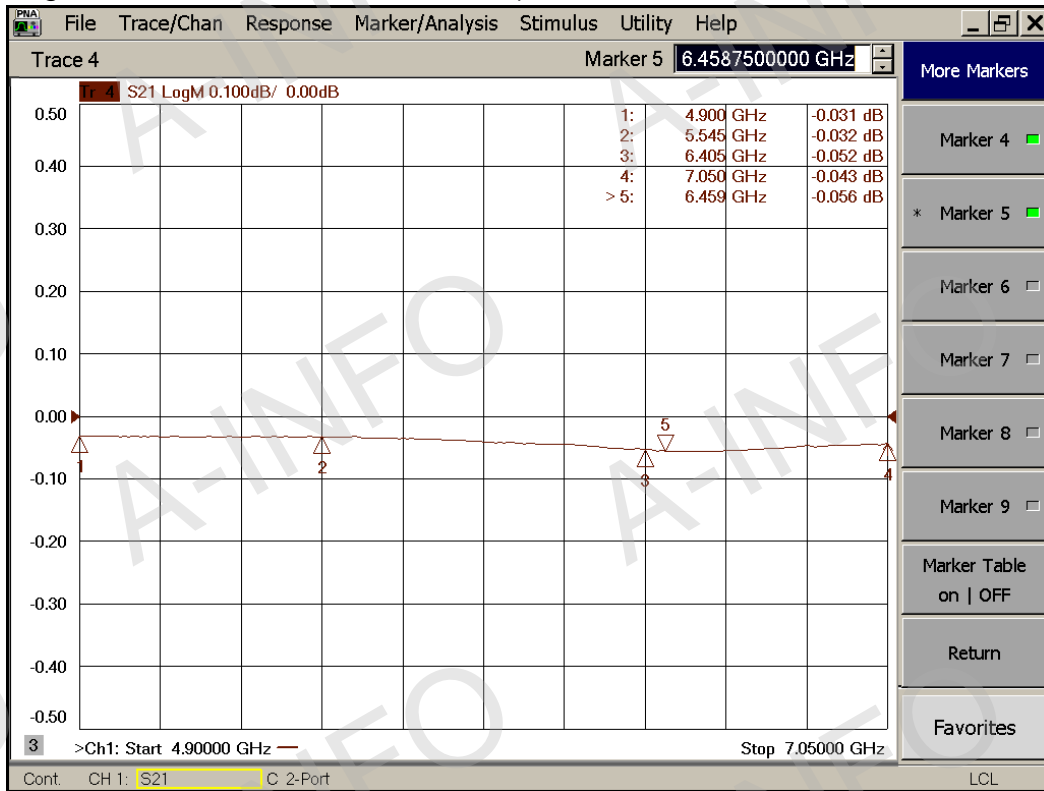
Directivity  
Port 1



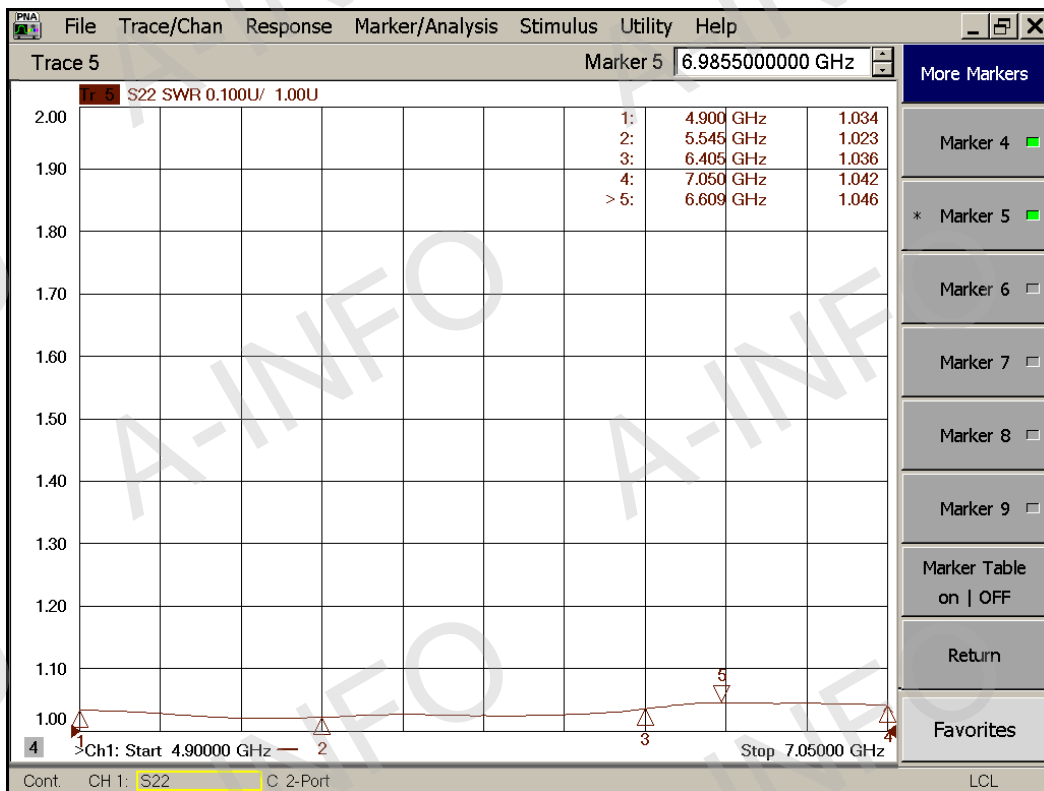
Port 2



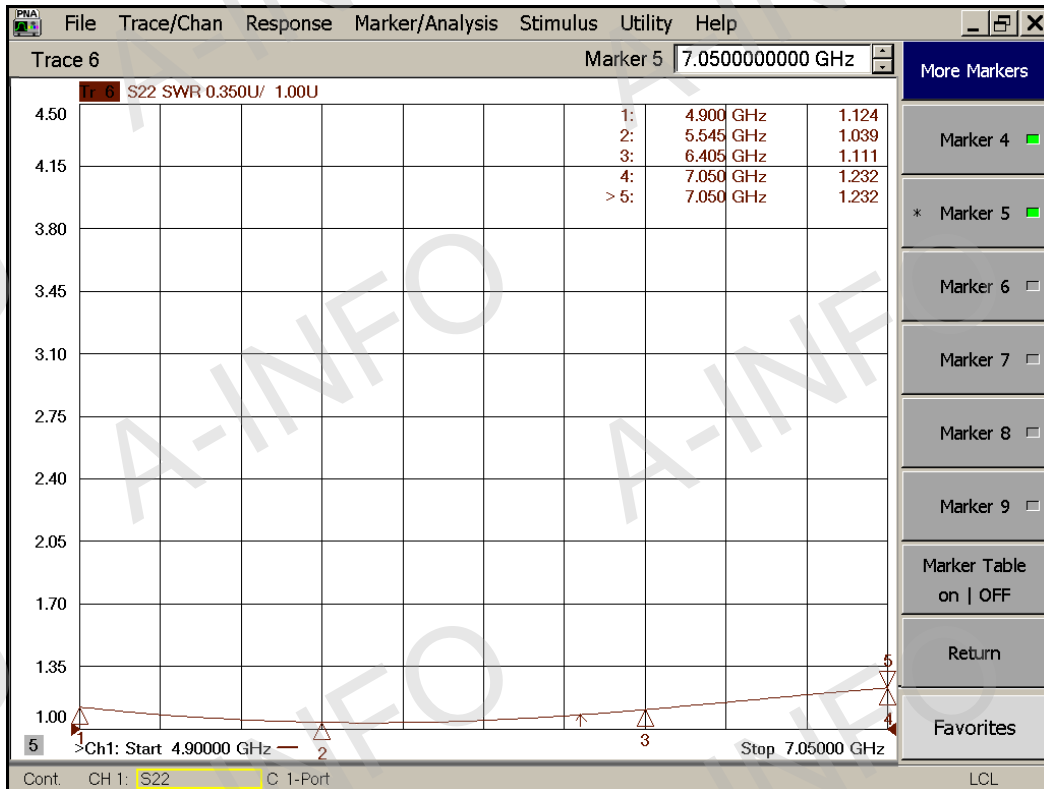
I.L. (including the theoretical loss  $4.34 \times 10^{-4}$  dB)



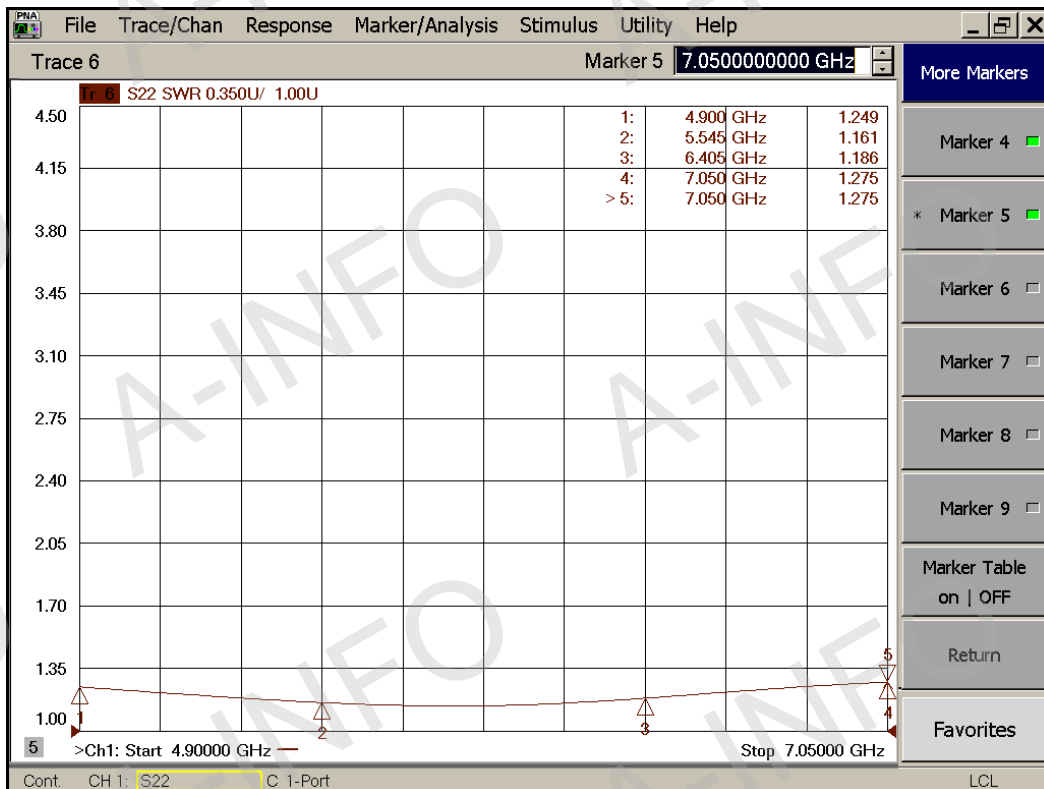
Mainline VSWR



Secondline VSWR  
Port 1



Port 2



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