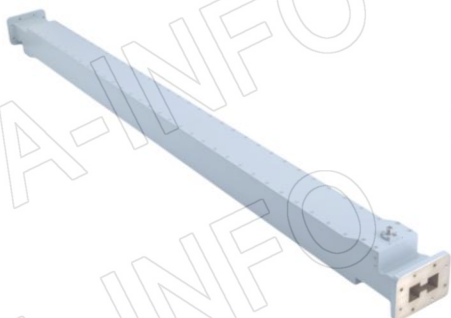


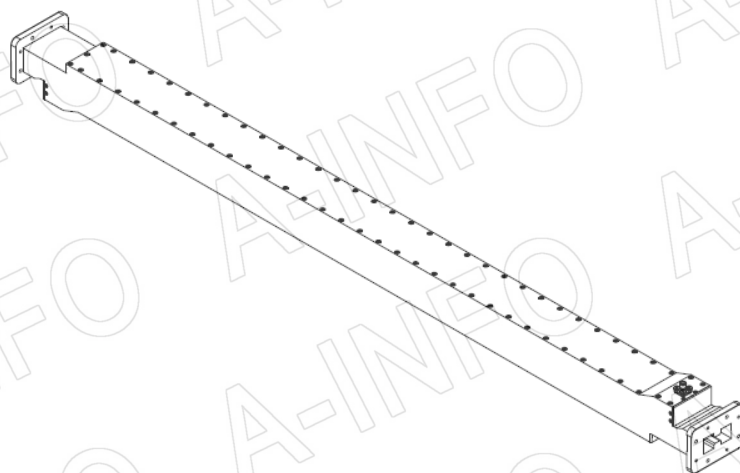
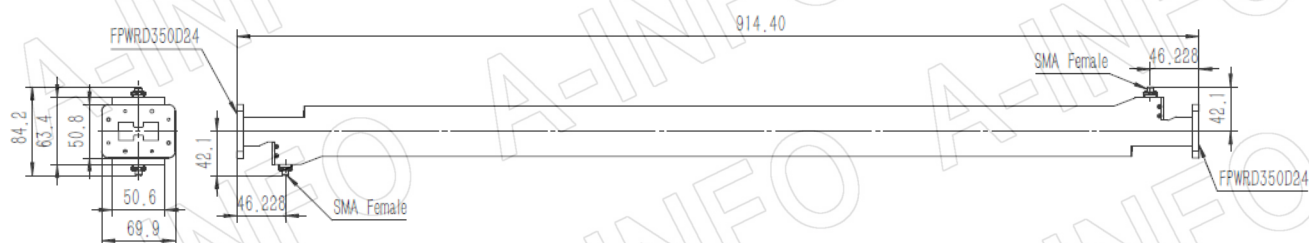
For reference only. See data sheet for the detailed specifications.

## Technical Specification



|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| EIA WRD                   | WRD350                                                                    |
| Frequency Range(GHz)      | 3.5 – 8.2                                                                 |
| Coupling(dB)              | 40                                                                        |
| Coupling Accuracy(dB)     | ±1.5 Max.                                                                 |
| Frequency Sensitivity(dB) | ±1.5 Max.                                                                 |
| Directivity(dB)           | 30 Min.                                                                   |
| Insertion Loss(dB)        | 0.3 Max.<br>(Not including the theoretical loss $8.69 \times 10^{-4}$ dB) |
| VSWR Mainline             | 1.15:1 Max.                                                               |
| VSWR Secondline           | 1.50:1 Max.                                                               |
| Flange                    | FPWRD350D24                                                               |
| Coupling Port             | SMA-Female                                                                |
| Material                  | Al                                                                        |
| Size(mm)                  | 914.4 x 69.9 x 84.2                                                       |
| Net Weight(Kg)            | 3.22 Around                                                               |

## Outline Drawing (Size: mm)



**AINFO Inc.**

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China(Chengdu):  
USA :

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

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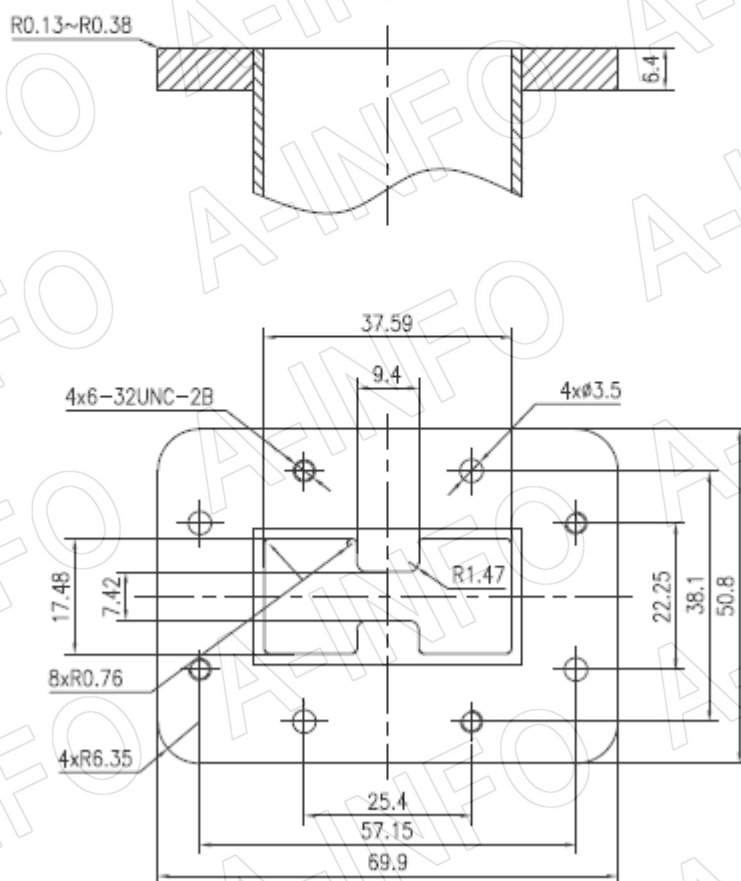
Fax: (+86) 10-6266-7379  
Fax: (+86) 28-8519-3068  
Fax: (+1) 949-639-9670

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

## Flange Drawing (Size: mm)

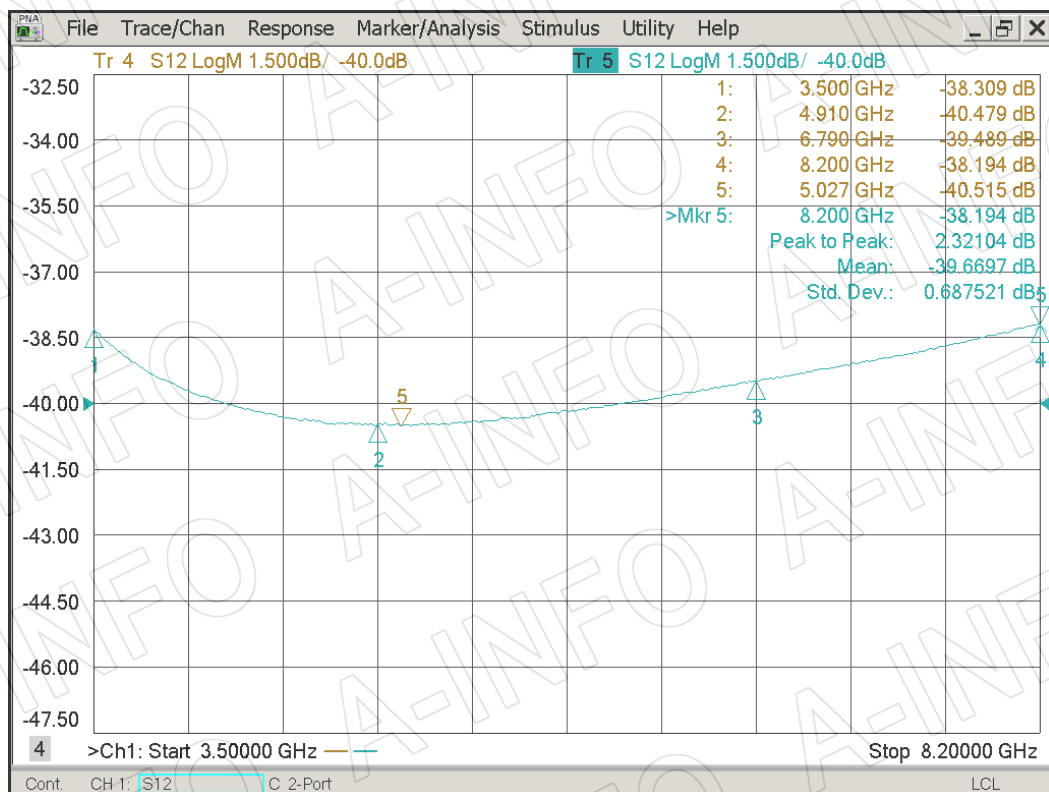
### FPWRD350D24

(With four through mounting holes  
and four screws holes)

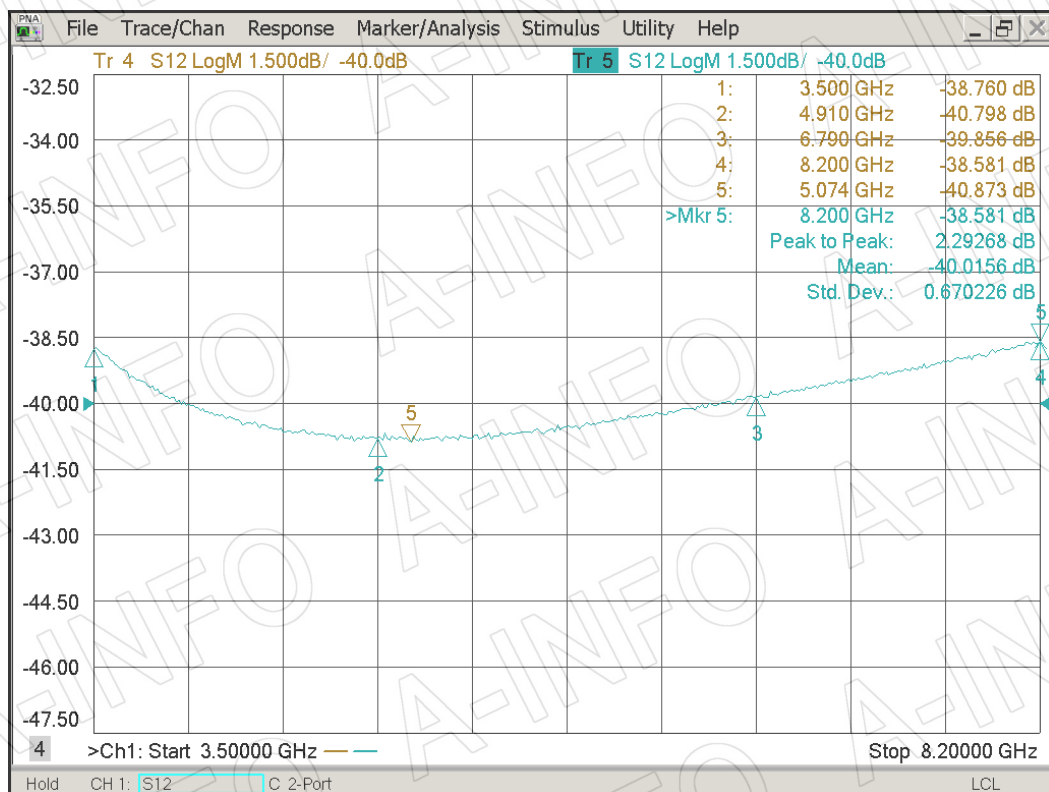


## Test Results

### Coupling Port 1

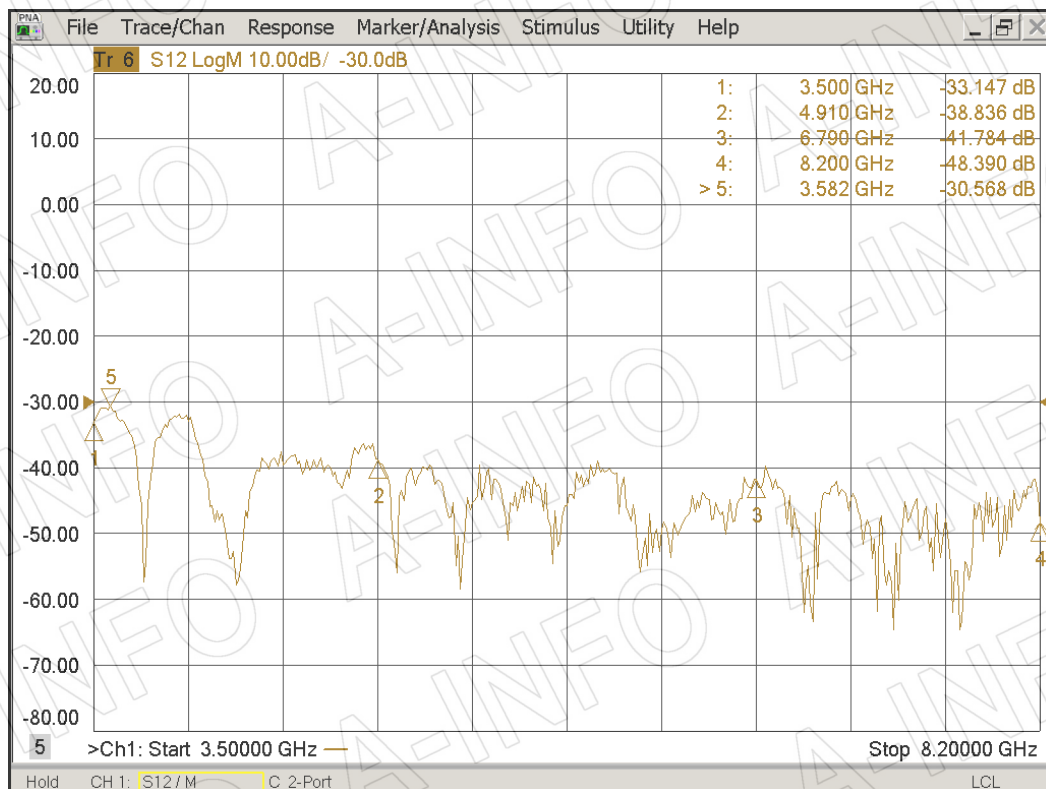


### Port 2

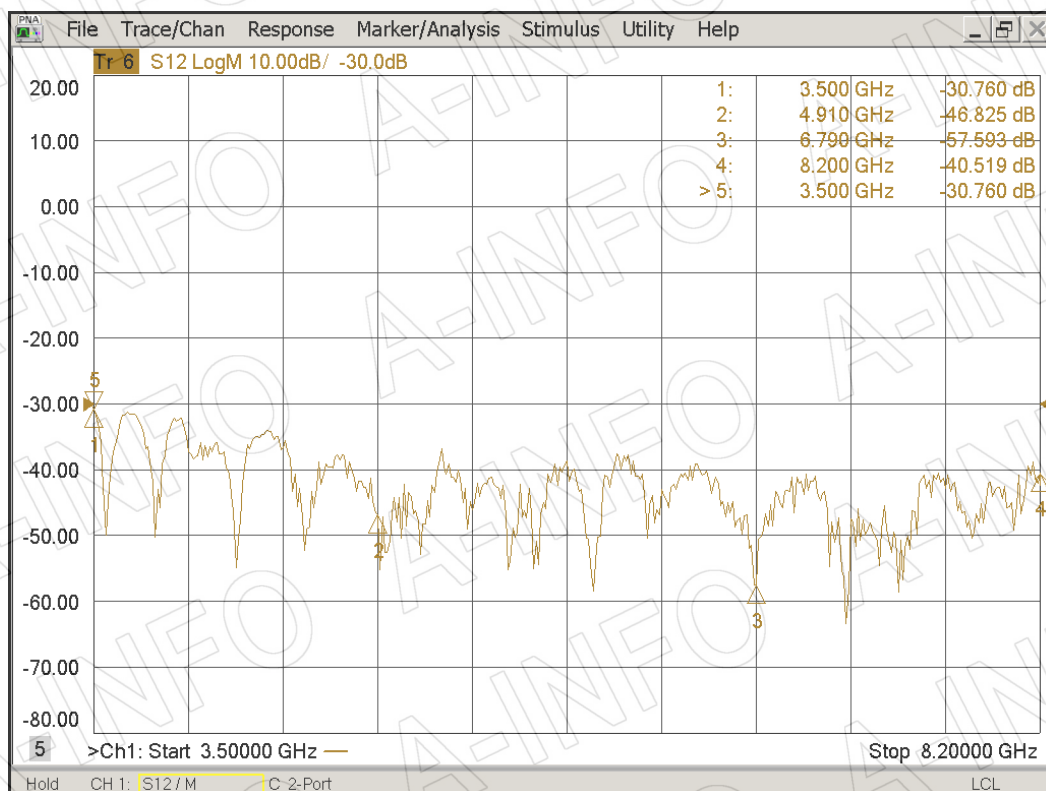


## Directivity

### Port 1

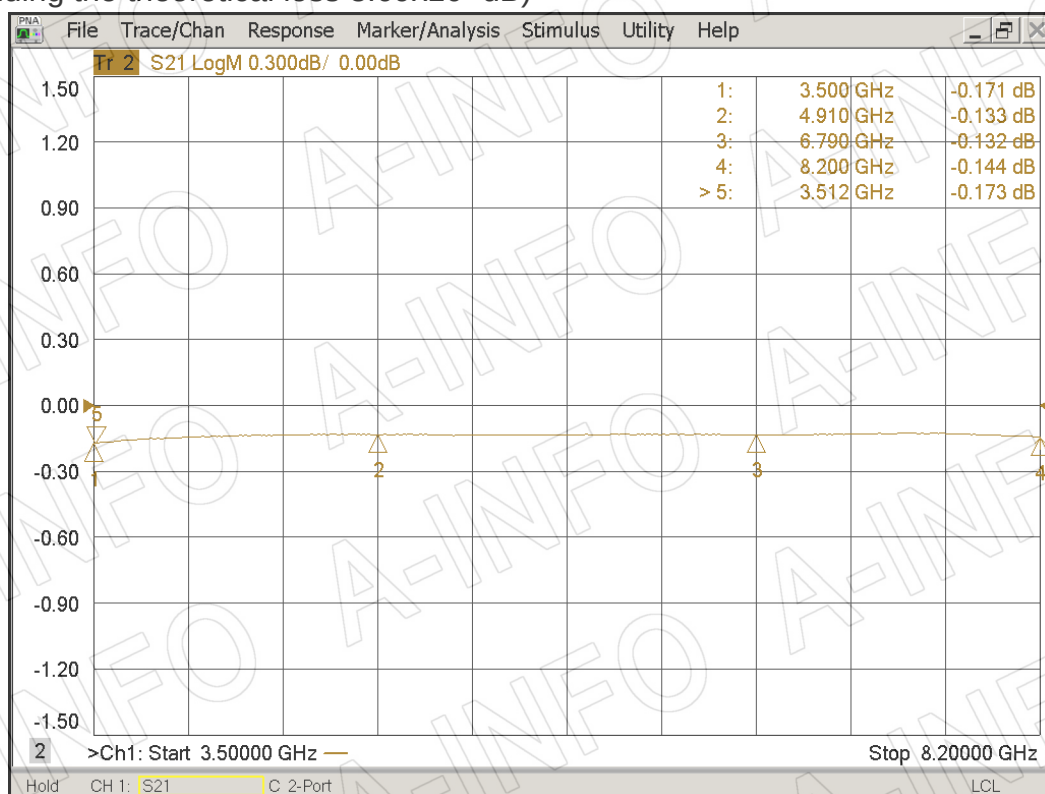


### Port 2

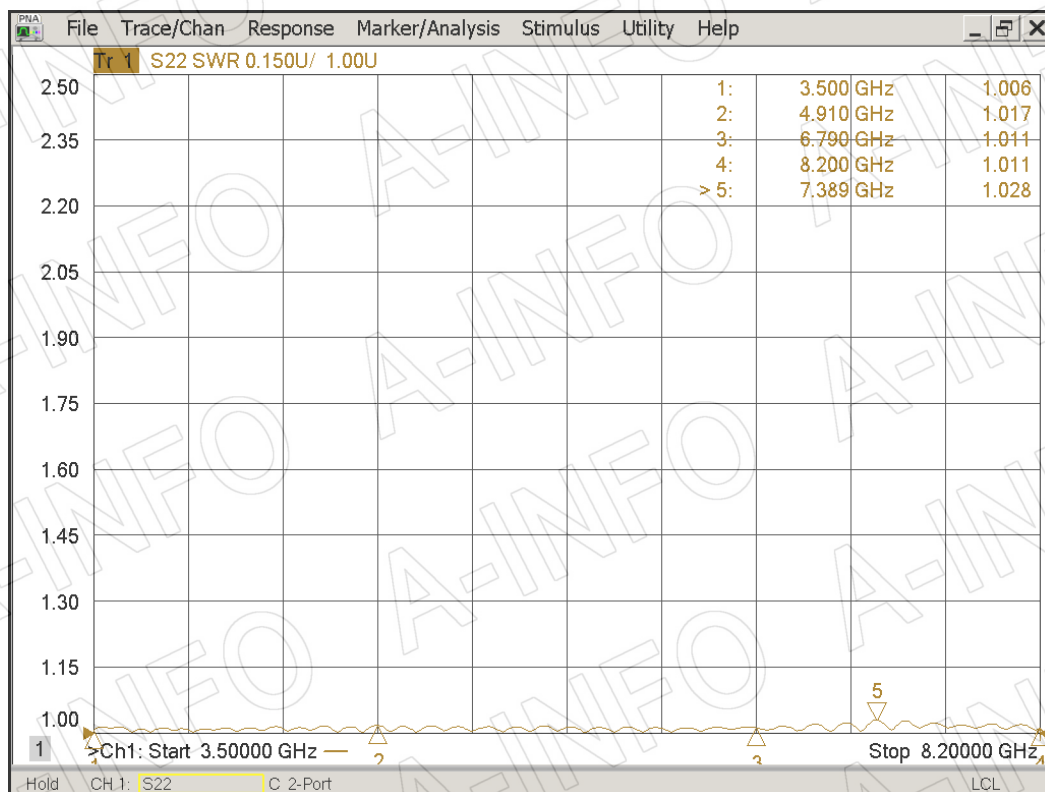




I.L. (Including the theoretical loss  $8.69 \times 10^{-4}$  dB)

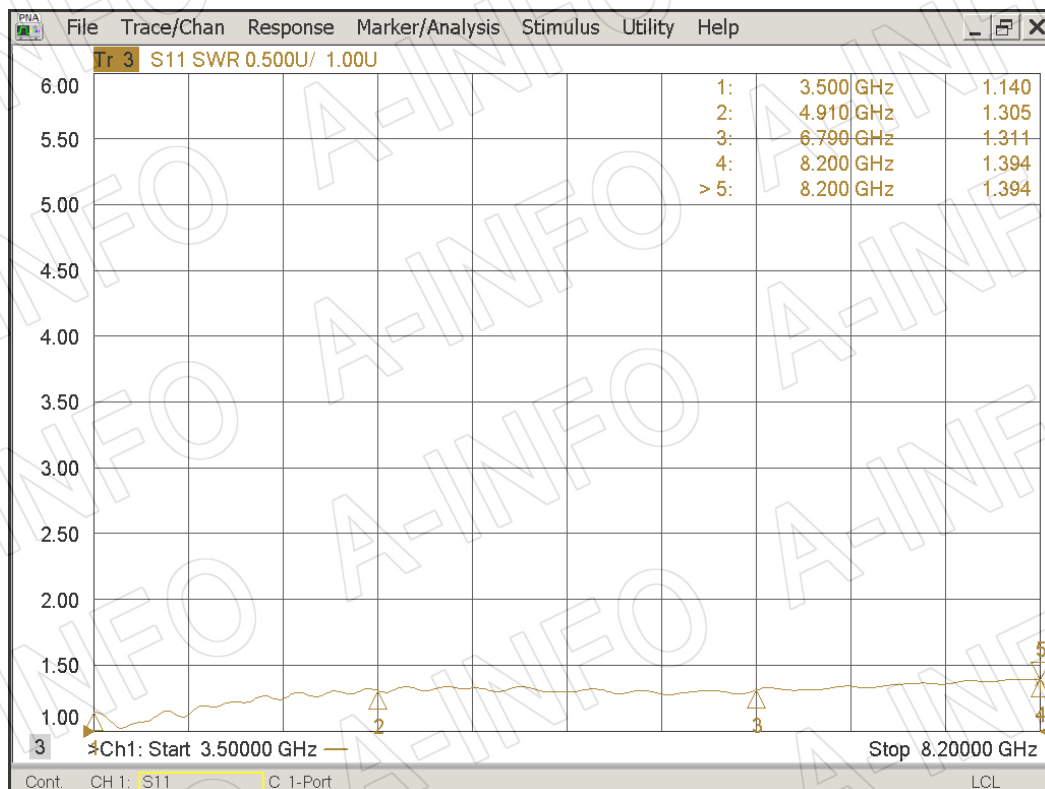


Mainline VSWR



### Secondline VSWR

#### Port 1



#### Port 2

