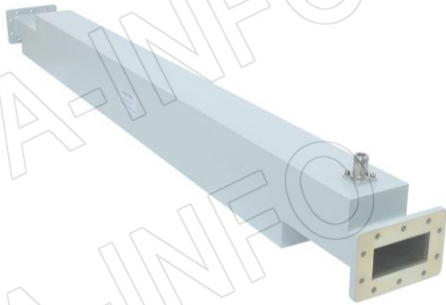


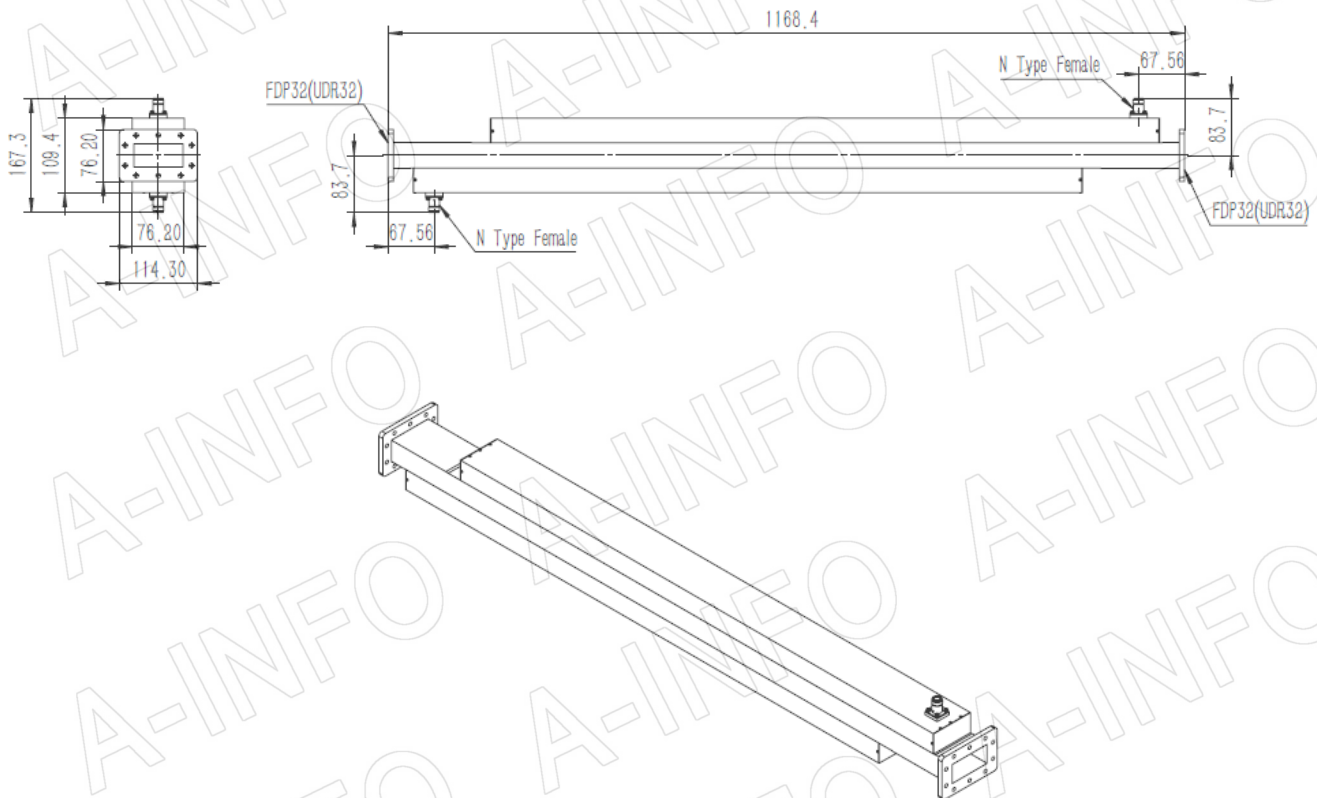
For reference only. See data sheet for the detailed specifications.

## Technical Specification



|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| EIA WR                    | WR284                                                   |
| Frequency Range(GHz)      | 2.60 – 3.95                                             |
| Coupling(dB)              | 20                                                      |
| Coupling Accuracy(dB)     | ±0.9 Max.                                               |
| Frequency Sensitivity(dB) | ±0.7 Max.                                               |
| Directivity(dB)           | 30 Min.                                                 |
| Insertion Loss(dB)        | 0.2 Max.<br>(Not including the theoretical loss 0.09dB) |
| Mainline VSWR             | 1.05:1 Max.                                             |
| Secondline VSWR           | 1.25:1 Max.                                             |
| Flange                    | FDP32(UDR32)                                            |
| Coupling Port             | N-Female                                                |
| Material                  | Al                                                      |
| Size(mm)                  | 1168.4 x 114.3 x 167.3                                  |
| Net Weight(Kg)            | 4.0 Around                                              |

## Outline Drawing (Size: mm)



AINFO Inc.

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

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

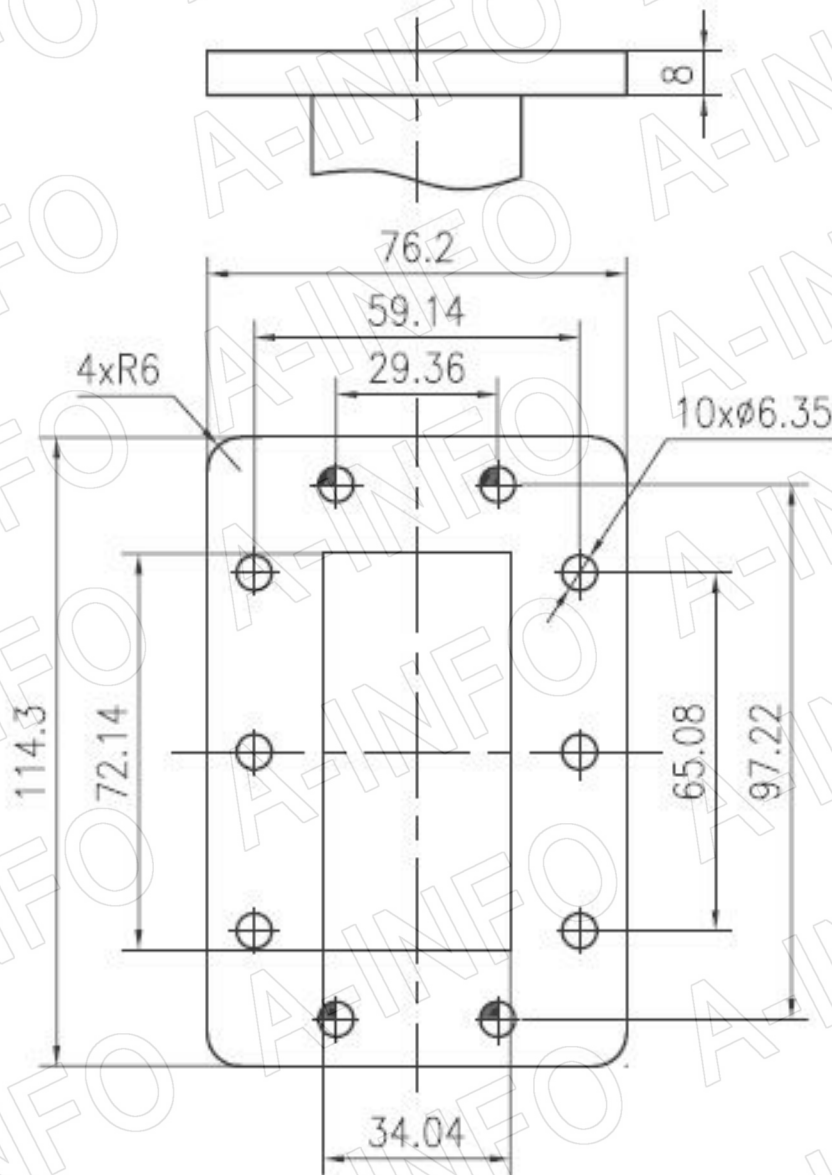
Page 1 of 6

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

## Flange Drawing (Size: mm)

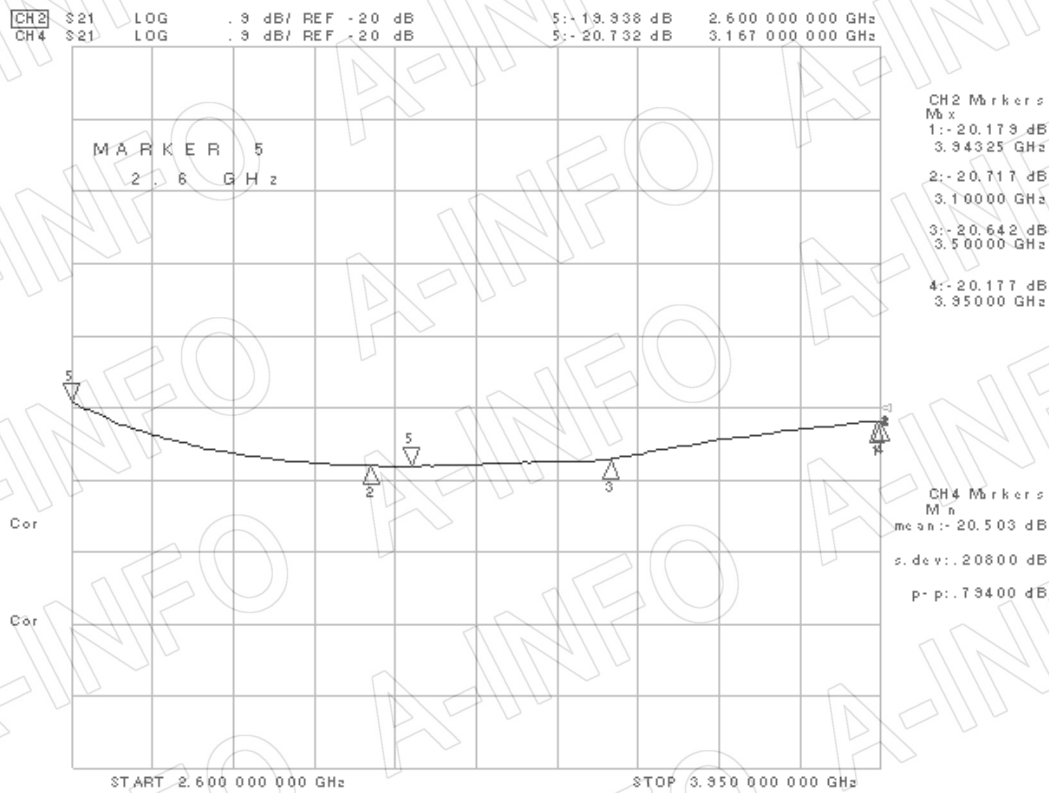


FDP32

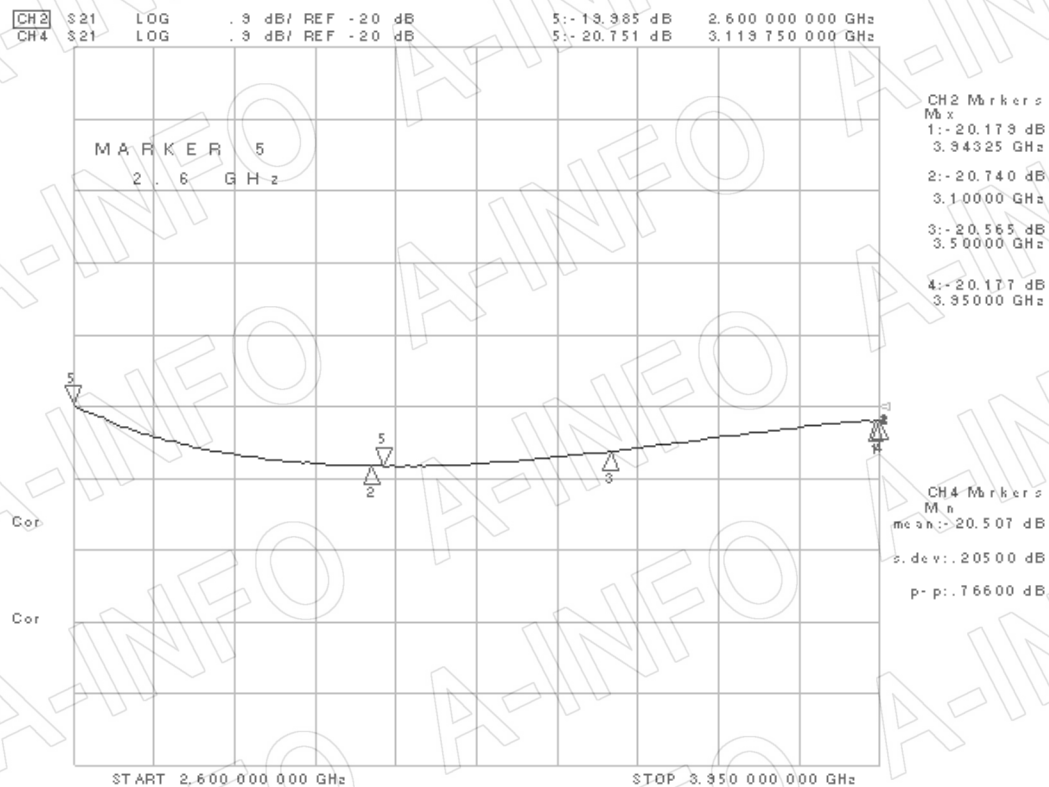
## Test Results

### Coupling

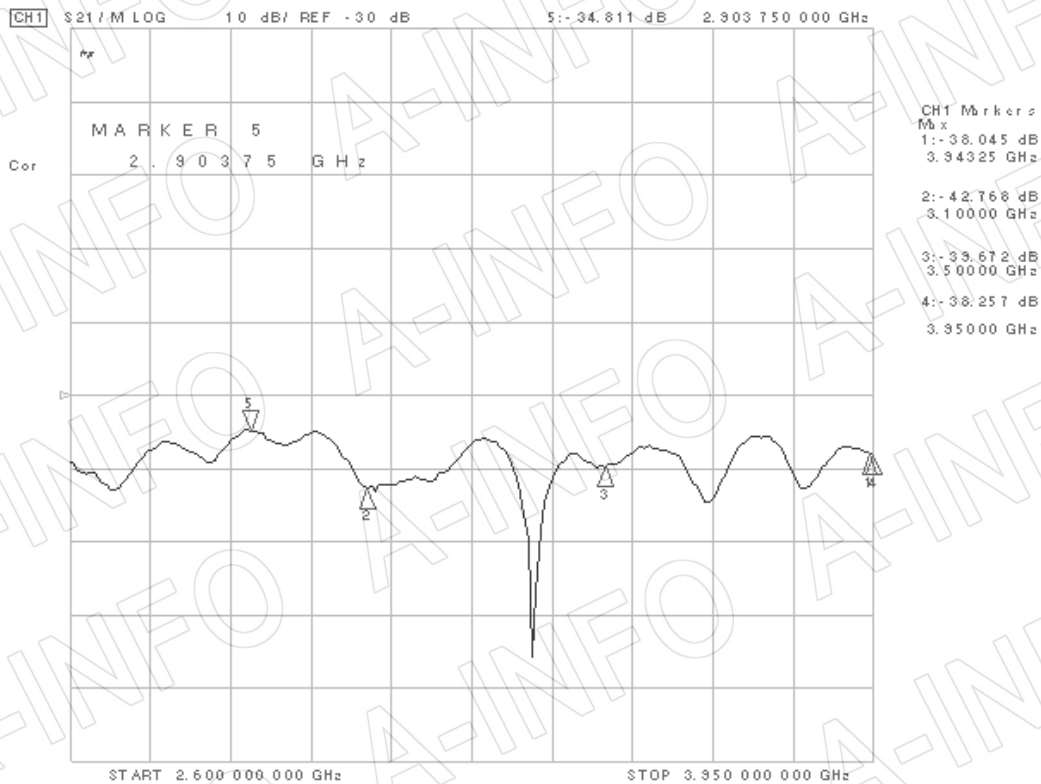
#### Port1



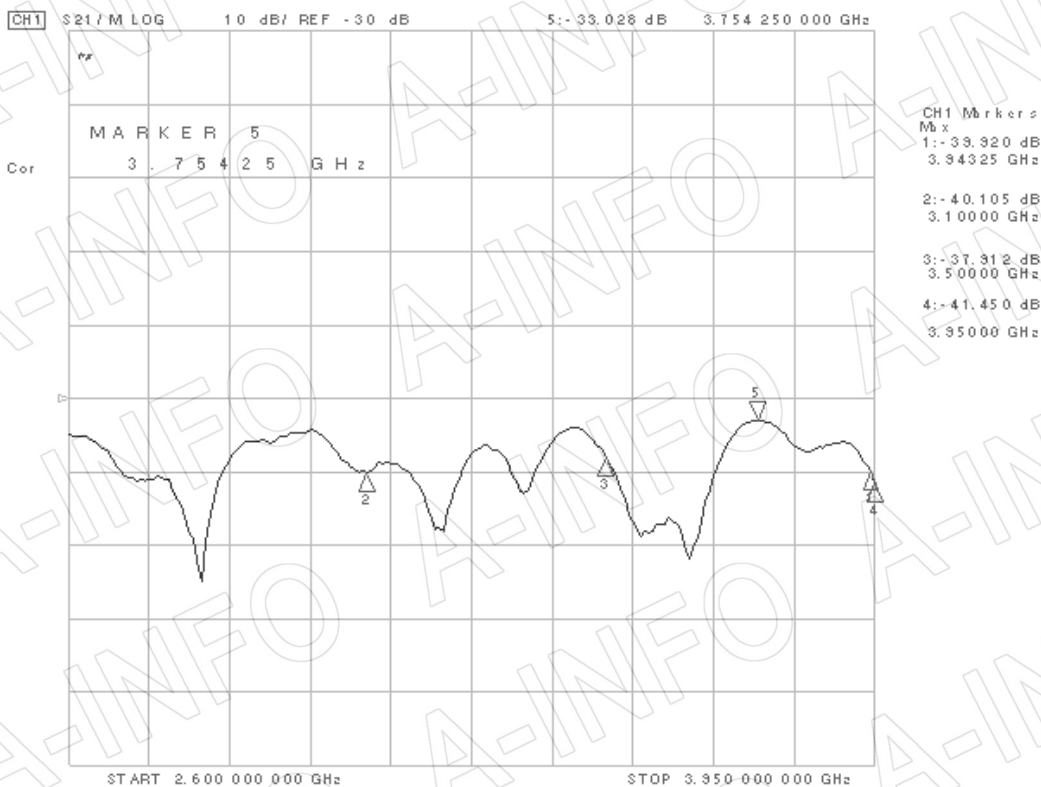
#### Port2



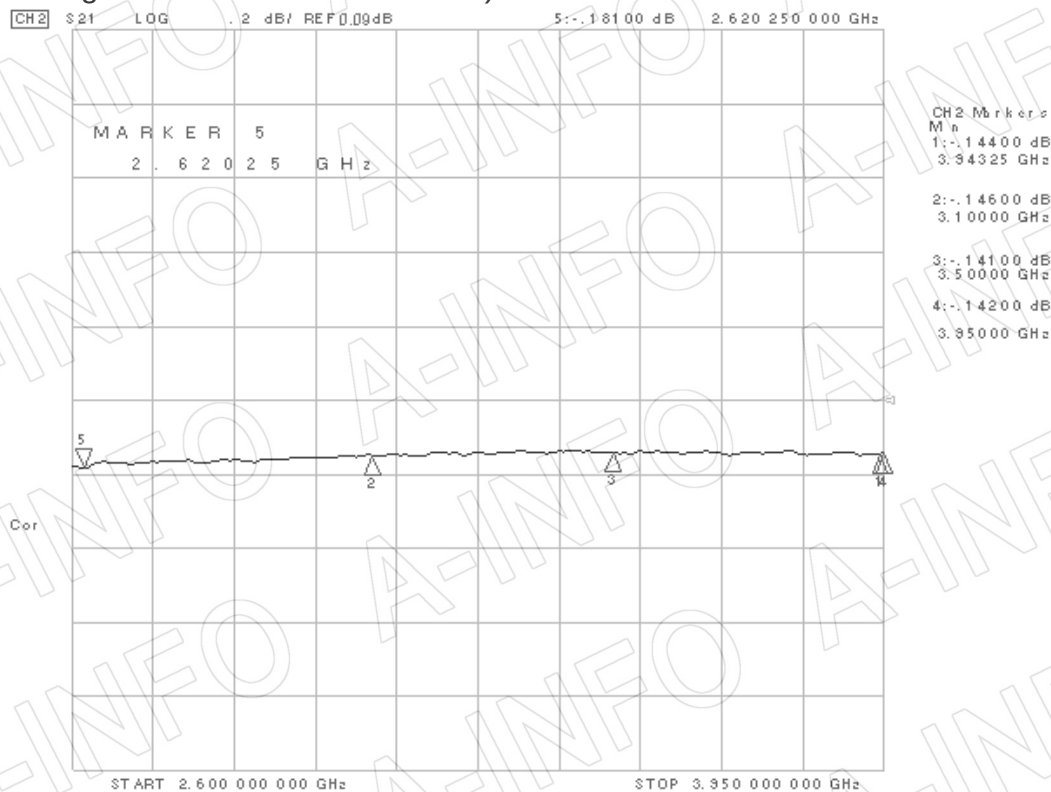
## Directivity Port1



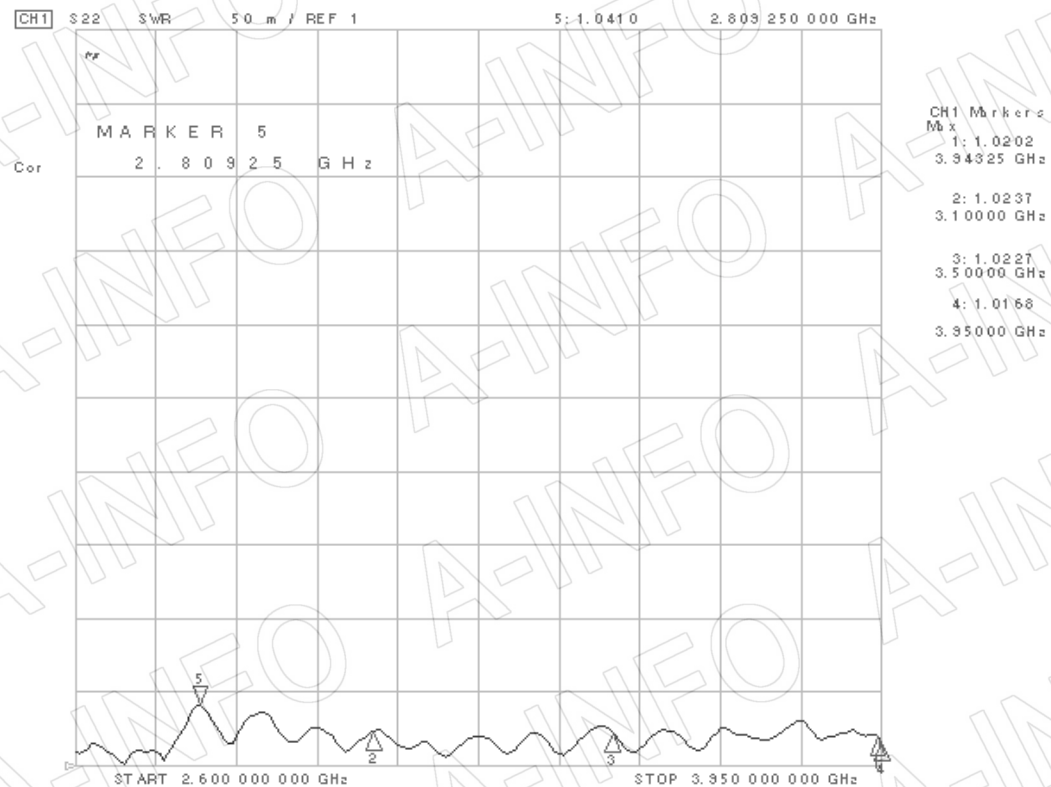
## Port2



I.L. (Including the theoretical loss 0.09dB)



Mainline VSWR



AINFO Inc.

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

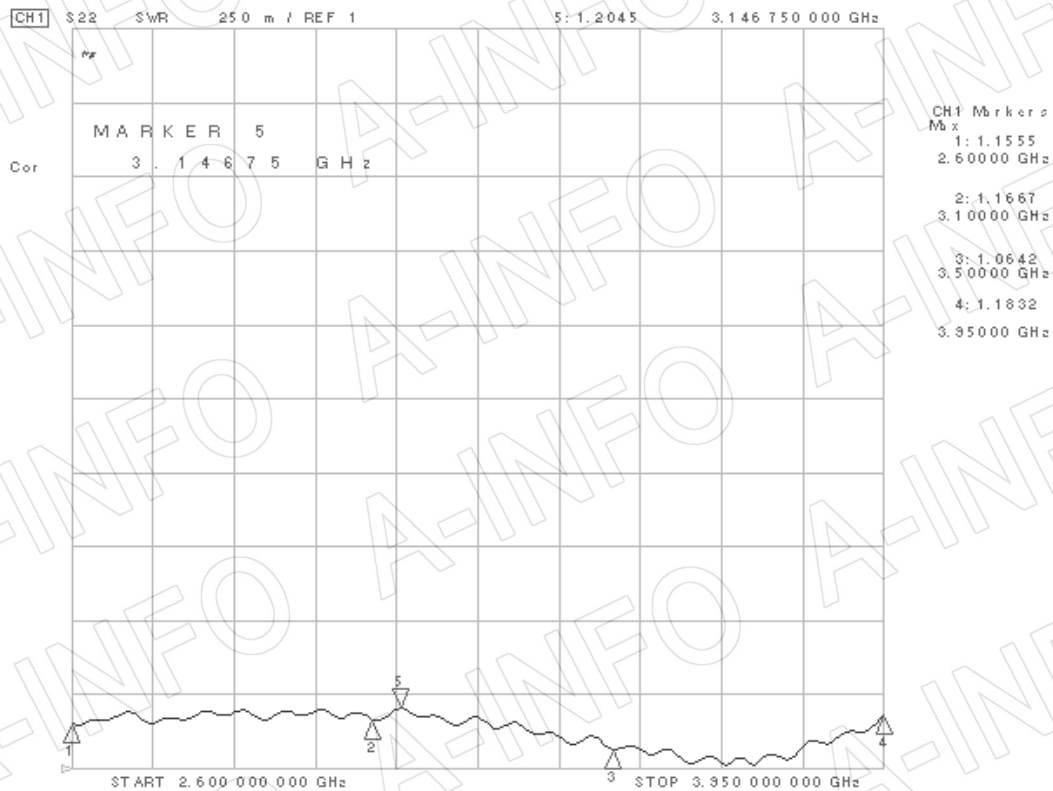
Page 5 of 6

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

## Secondline VSWR

### Port1



### Port2

