

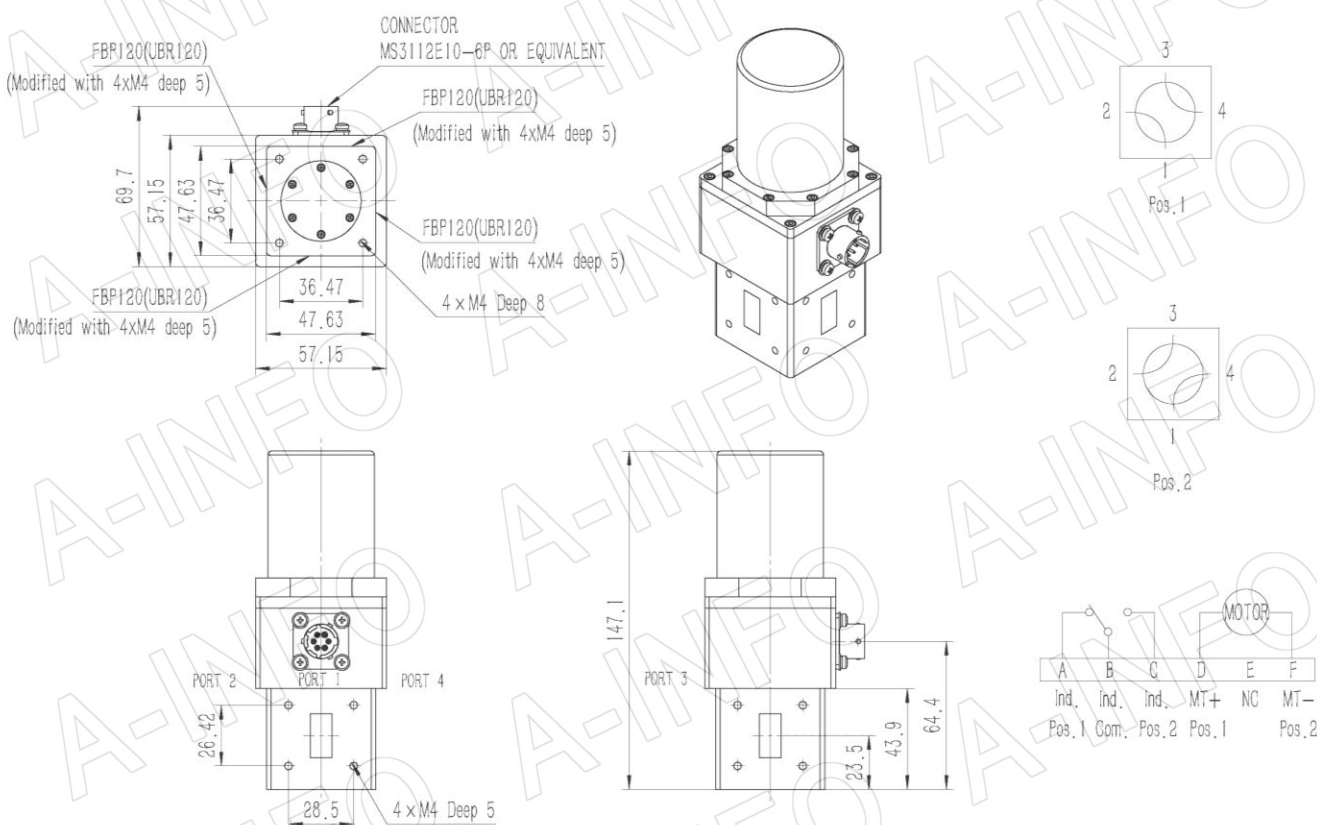
**For reference only. See data sheet for the detailed specifications.**

## Technical Specification



|                           |                                                |
|---------------------------|------------------------------------------------|
| EIA WR                    | WR75                                           |
| Switch Type               | DPDT Latching                                  |
| Frequency Range(GHz)      | 10.0 – 15.0                                    |
| DC Power Supply(V)        | 27 ± 3                                         |
| Current(A)                | 1.0 Max.                                       |
| VSWR                      | 1.10:1 Max.                                    |
| Isolation(dB)             | 60 Min.                                        |
| Insertion Loss(dB)        | 0.1 Max.                                       |
| Switching Speed(ms)       | 110 Max.                                       |
| Power Handling(W CW)      | 800 Max.                                       |
| Peak Power(KW)            | 250                                            |
| Flange                    | FBP120(UBR120)<br>(Modified with 4x M4 deep 5) |
| Operating Temperature(°C) | -55 ~ +85                                      |
| Material                  | Al                                             |
| Size(mm)                  | 57.15 x 69.7 x 147.1                           |
| Net Weight(Kg)            | 0.83 Around                                    |

### Outline Drawing (Size: mm)



AINFO Inc.

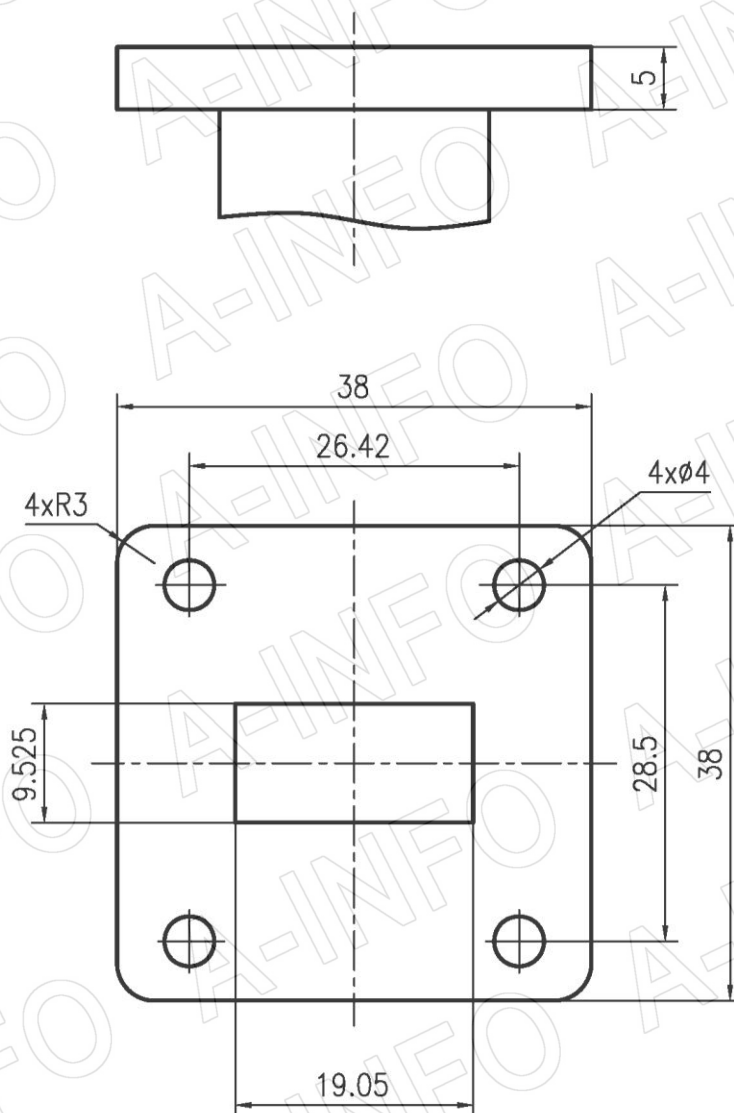
China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
USA: Tel: (+1) 949-639-9688.

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(+86) 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)

## Outline Drawing (Size: mm)



**FBP120**

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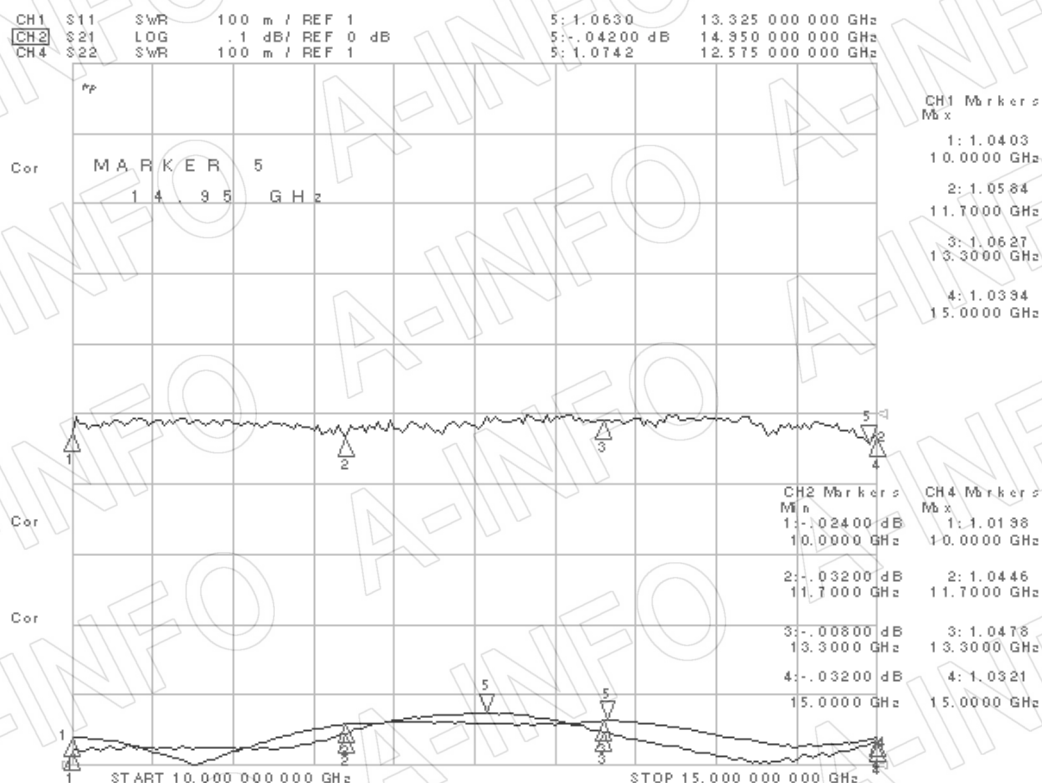
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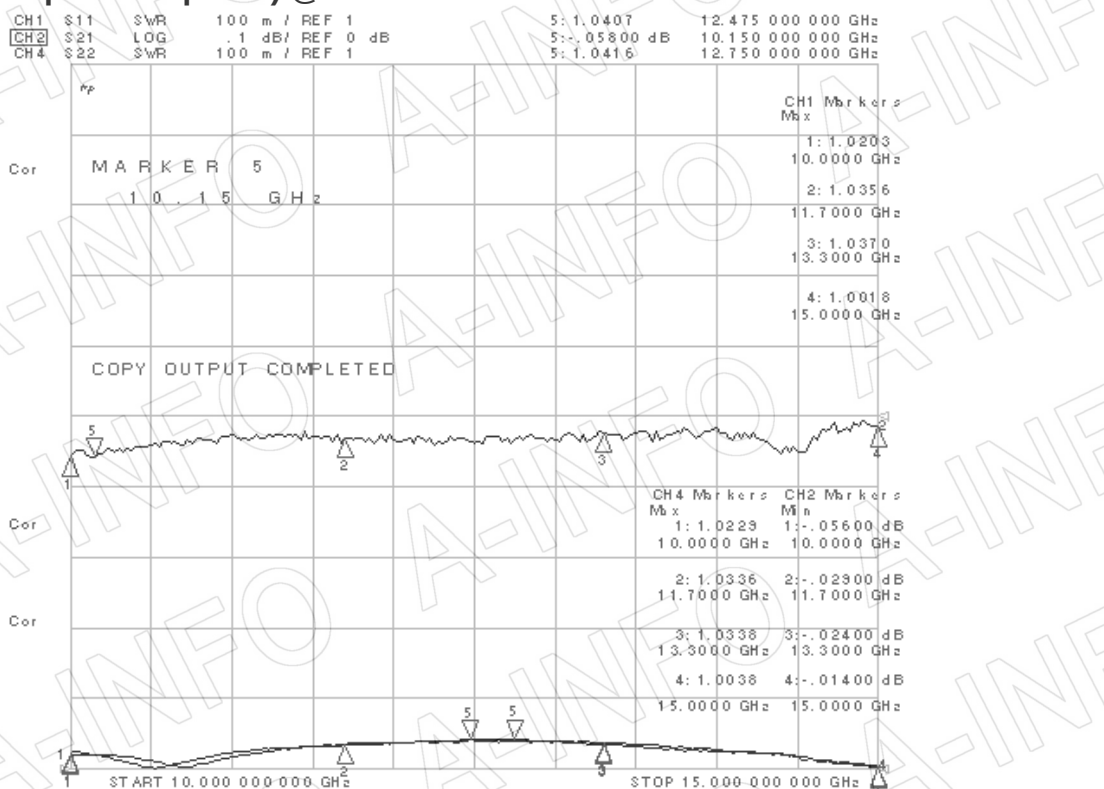
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Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

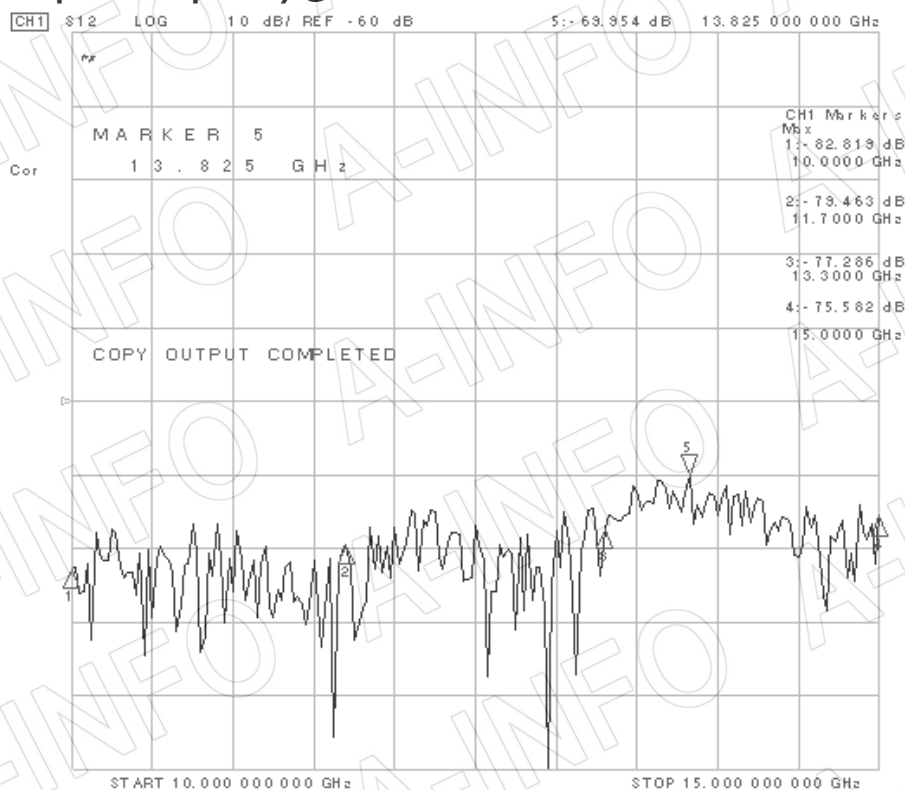
### I.L. (From port 1 to port 2) @Pos. 1



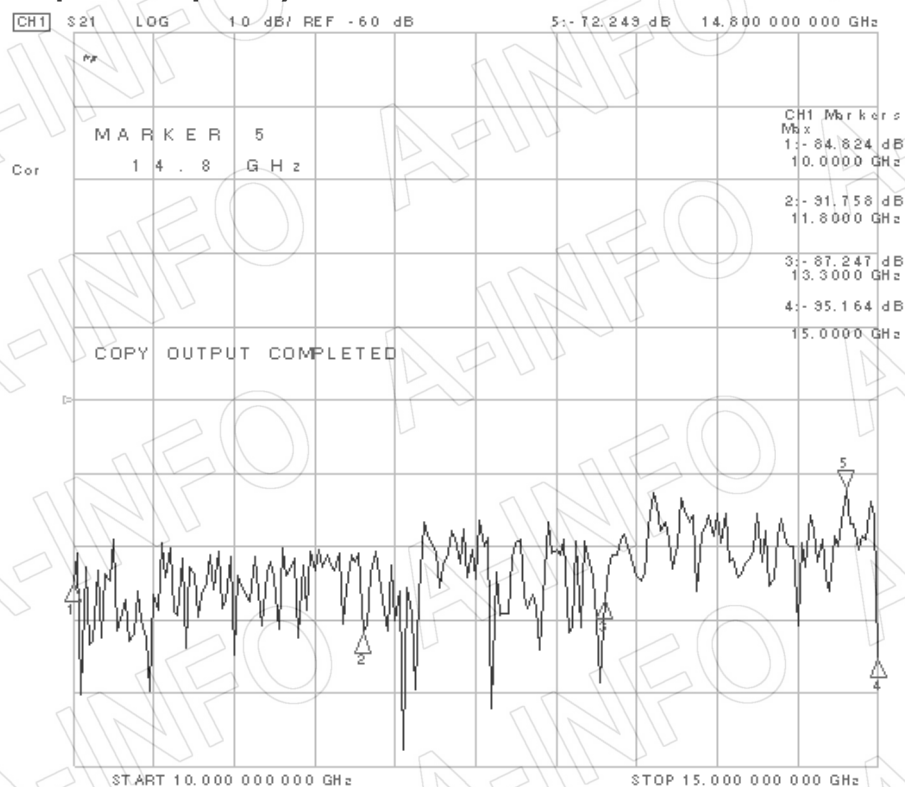
### I.L. (From port 3 to port 4) @Pos. 1



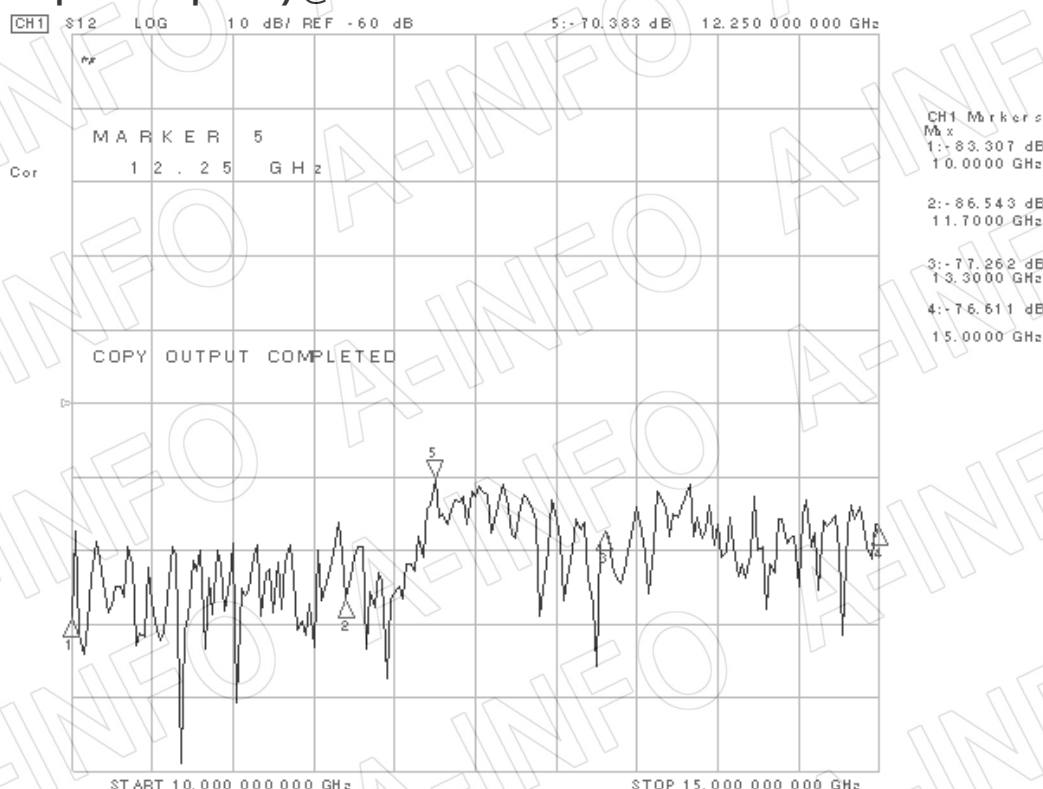
## Iso. (From port 1 to port 3) @ Pos. 1



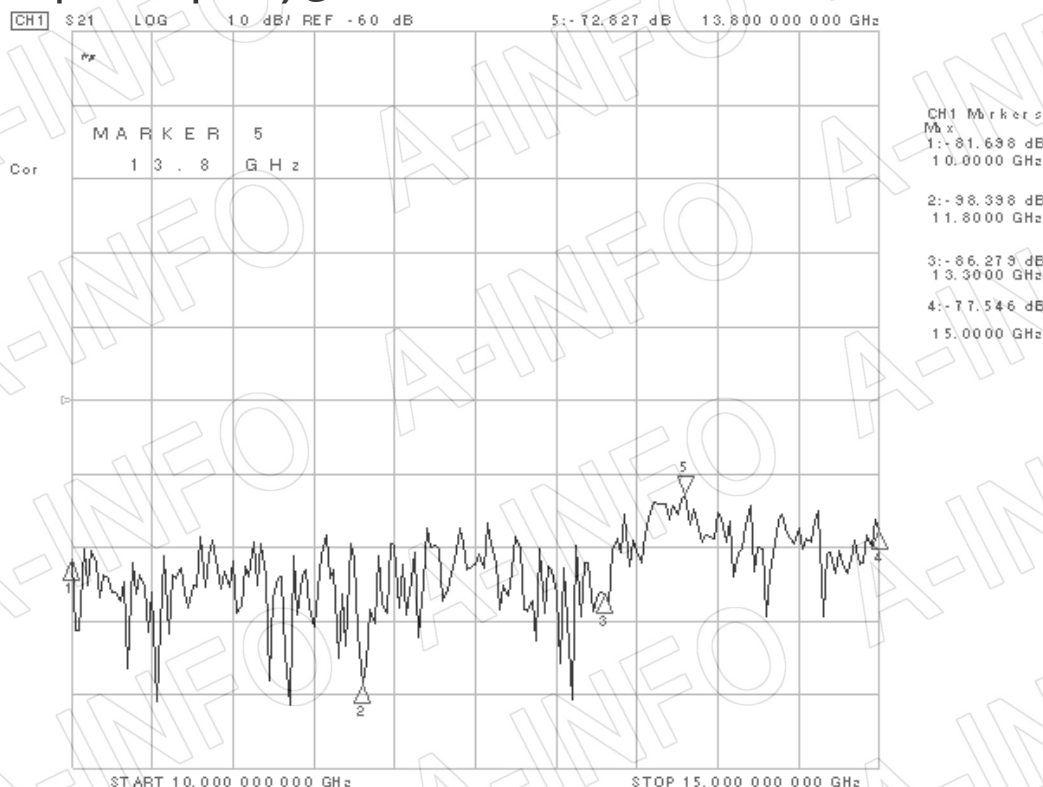
## Iso. (From port 1 to port 4) @ Pos. 1



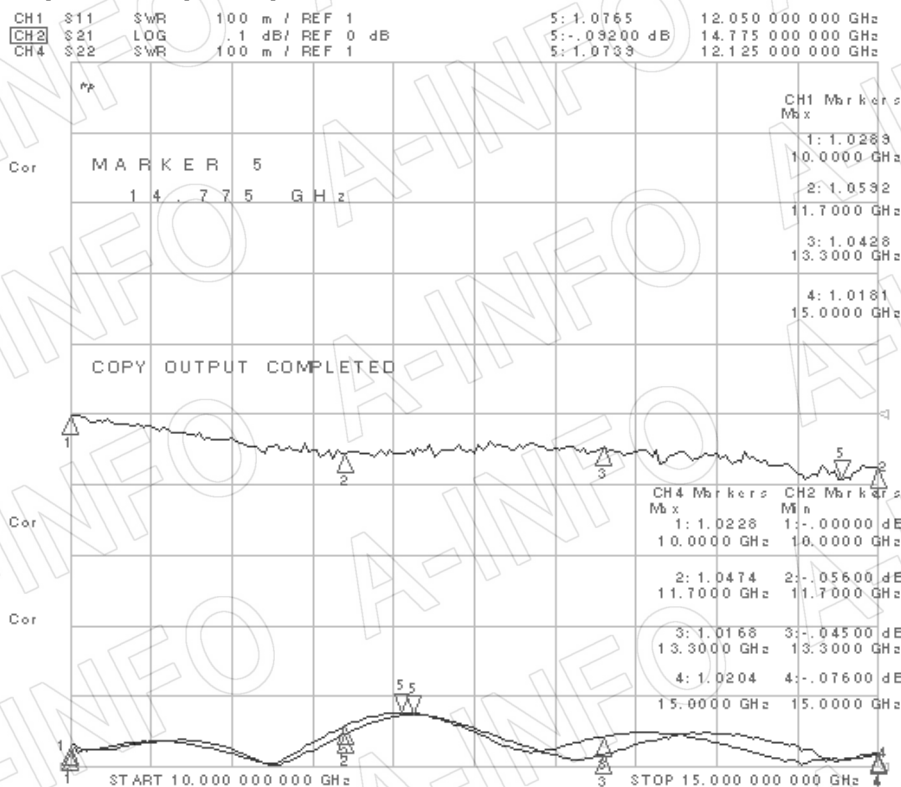
## Iso. (From port 2 to port 4) @ Pos. 1



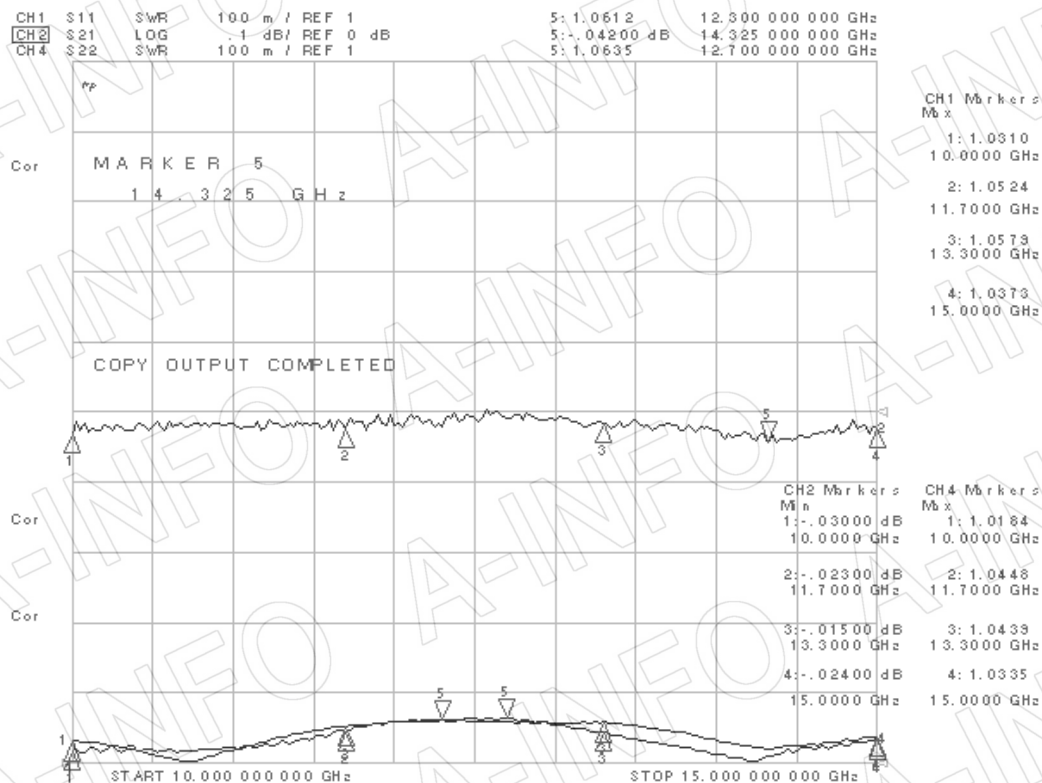
## Iso. (From port 3 to port 2) @ Pos. 1



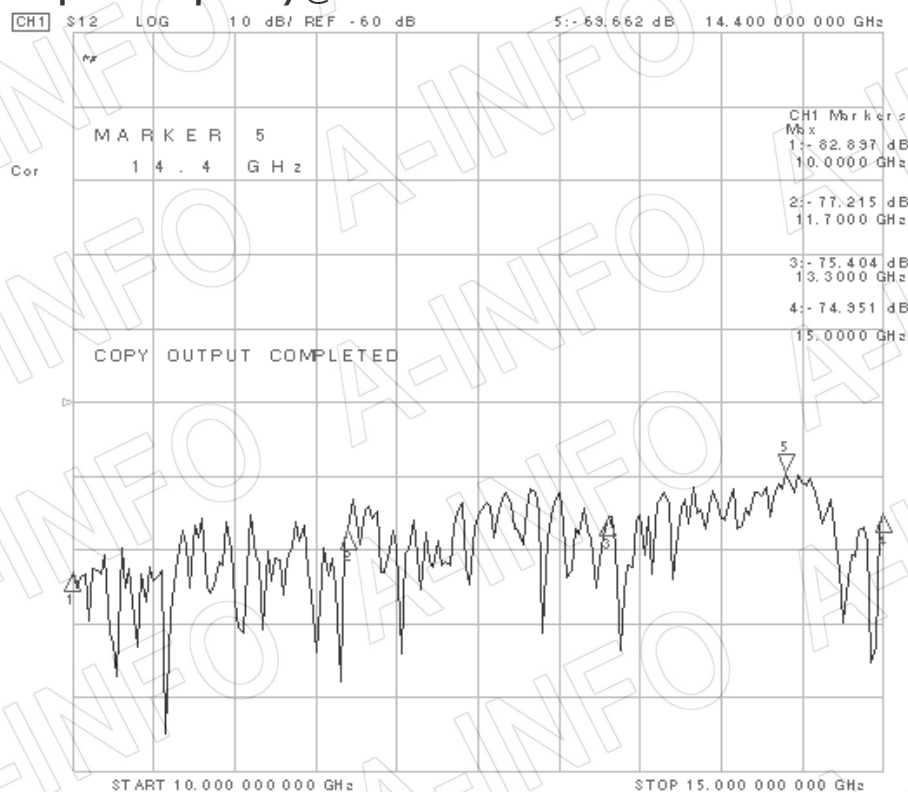
## I.L. (From port 1 to port 3) @ Pos. 2



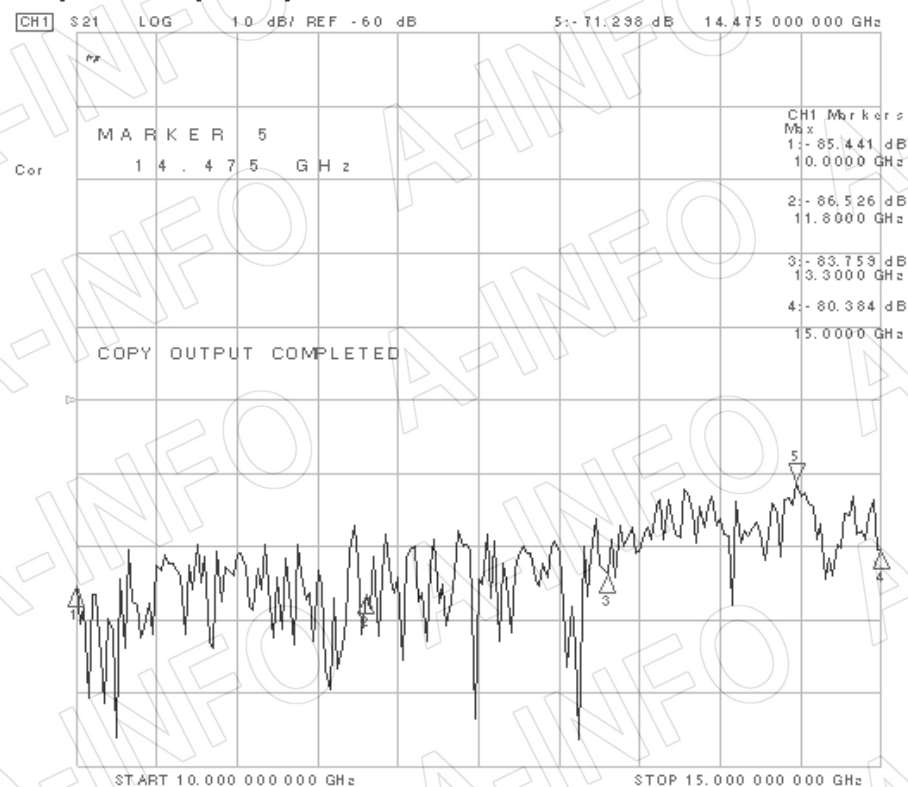
## I.L. (From port 2 to port 4) @ Pos. 2



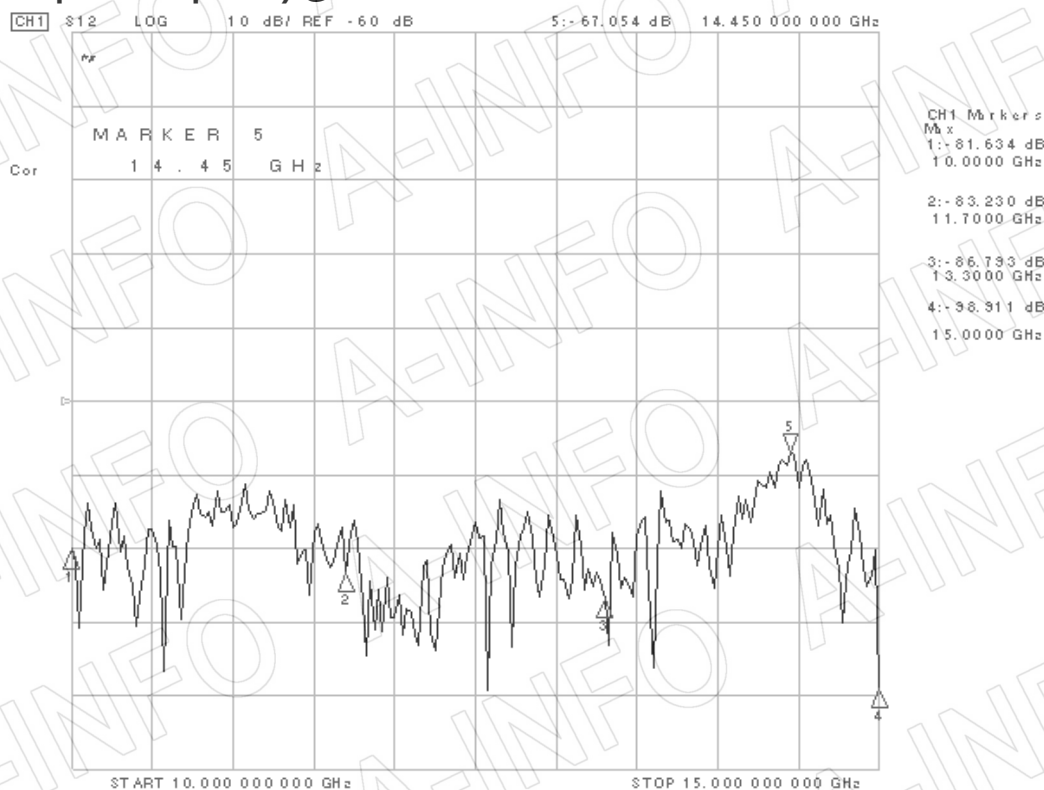
## Iso. (From port 1 to port 2) @ Pos. 2



## Iso. (From port 2 to port 3) @ Pos. 2



## Iso. (From port 3 to port 4) @ Pos. 2



## Iso. (From port 4 to port 1) @ Pos. 2

