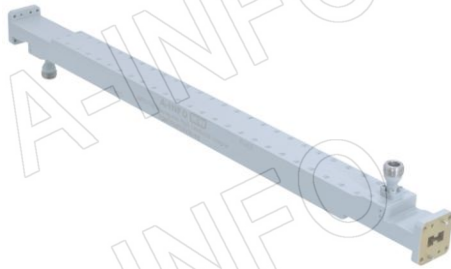


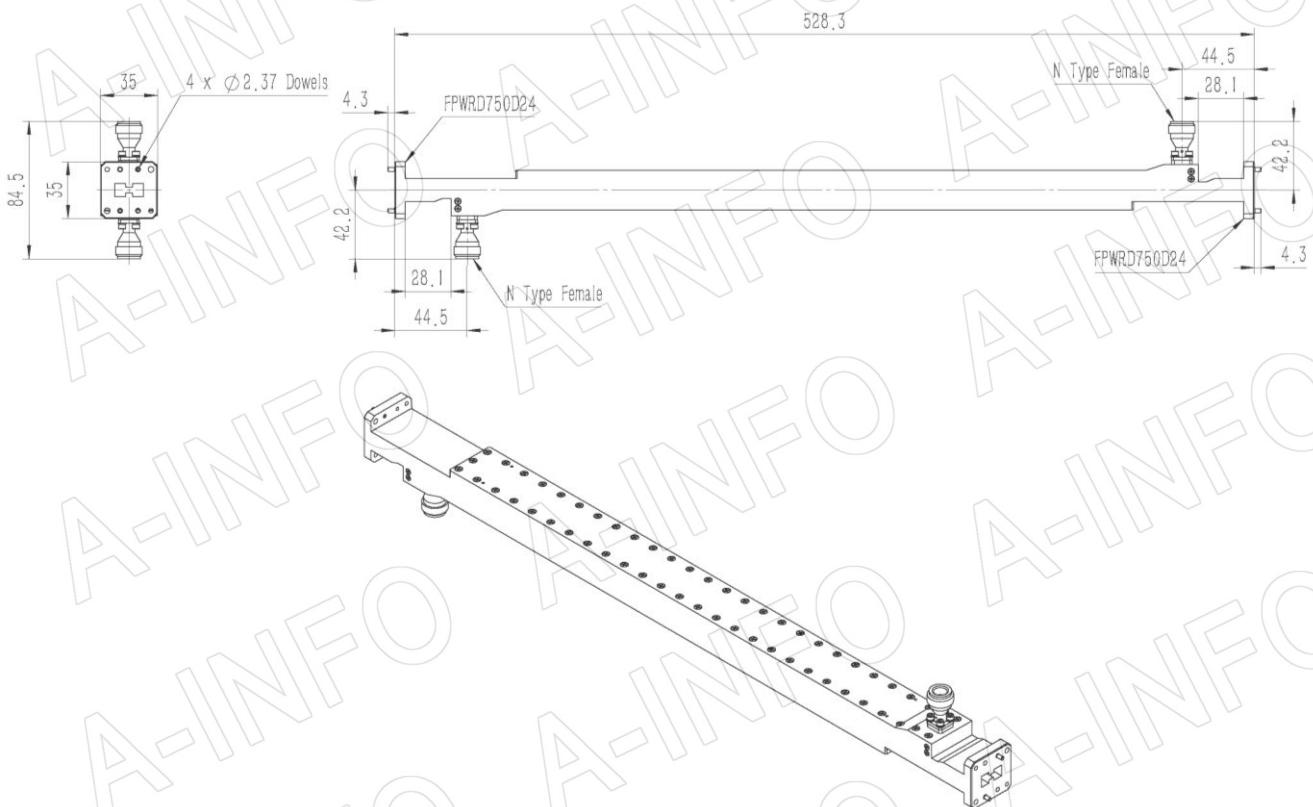
For reference only. See data sheet for the detailed specifications.

## Technical Specification



|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| EIA WRD                   | WRD750                                                  |
| Frequency Range(GHz)      | 7.5 – 18.0                                              |
| Coupling(dB)              | 10                                                      |
| Coupling Accuracy(dB)     | ±1.5 Max.                                               |
| Frequency Sensitivity(dB) | ±1.5 Max.                                               |
| Directivity(dB)           | 30 Min.                                                 |
| Insertion Loss(dB)        | 1.2 Max.<br>(Not including the theoretical loss 0.97dB) |
| Mainline VSWR             | 1.15:1 Max.                                             |
| Secondline VSWR           | 1.50:1 Max.                                             |
| Flange                    | FPWRD750D24                                             |
| Coupling Port             | N-Female                                                |
| Material                  | Al                                                      |
| Size(mm)                  | 528.3 x 35 x 84.5                                       |
| Net Weight(Kg)            | 0.92 Around                                             |

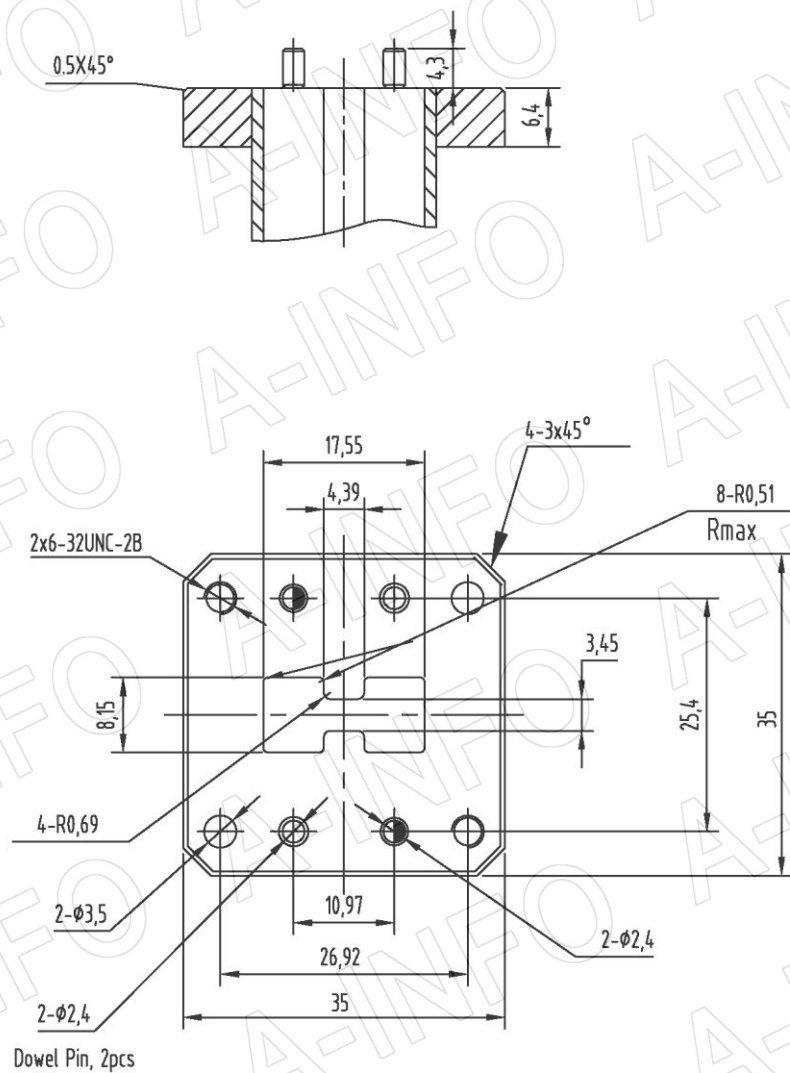
## Outline Drawing (Size: mm)



## Flange Drawing (Size: mm)

### FPWRD750D24

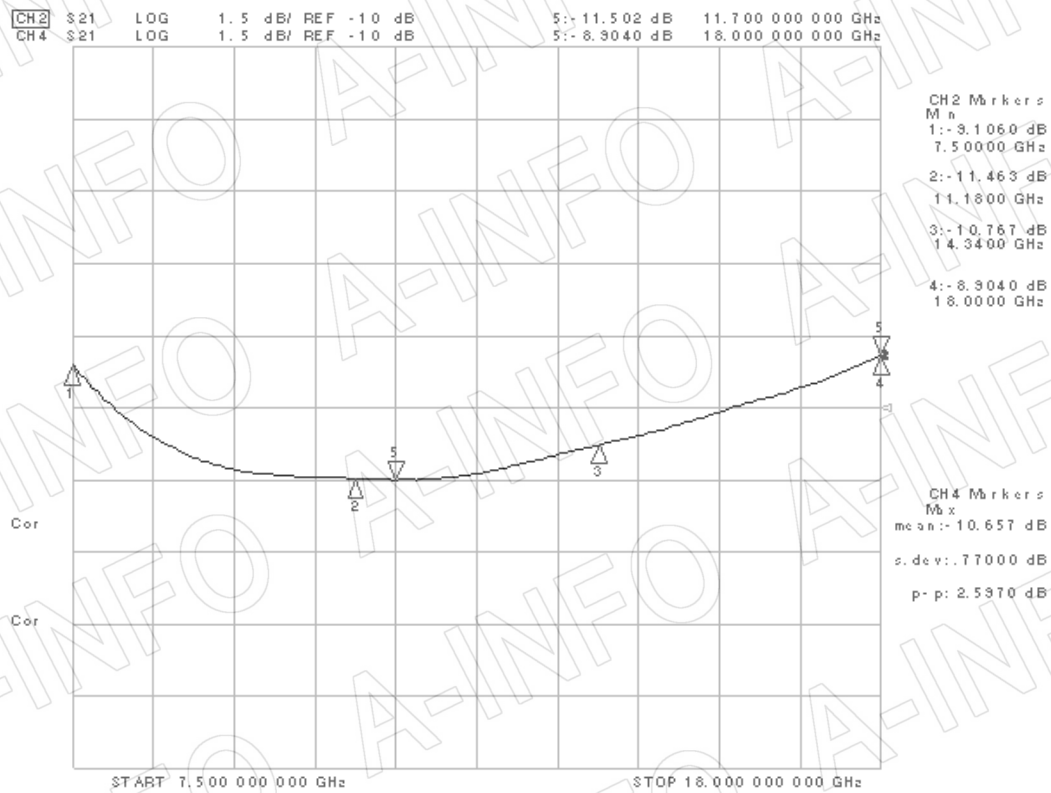
(With two through mounting holes  
and two screws holes)



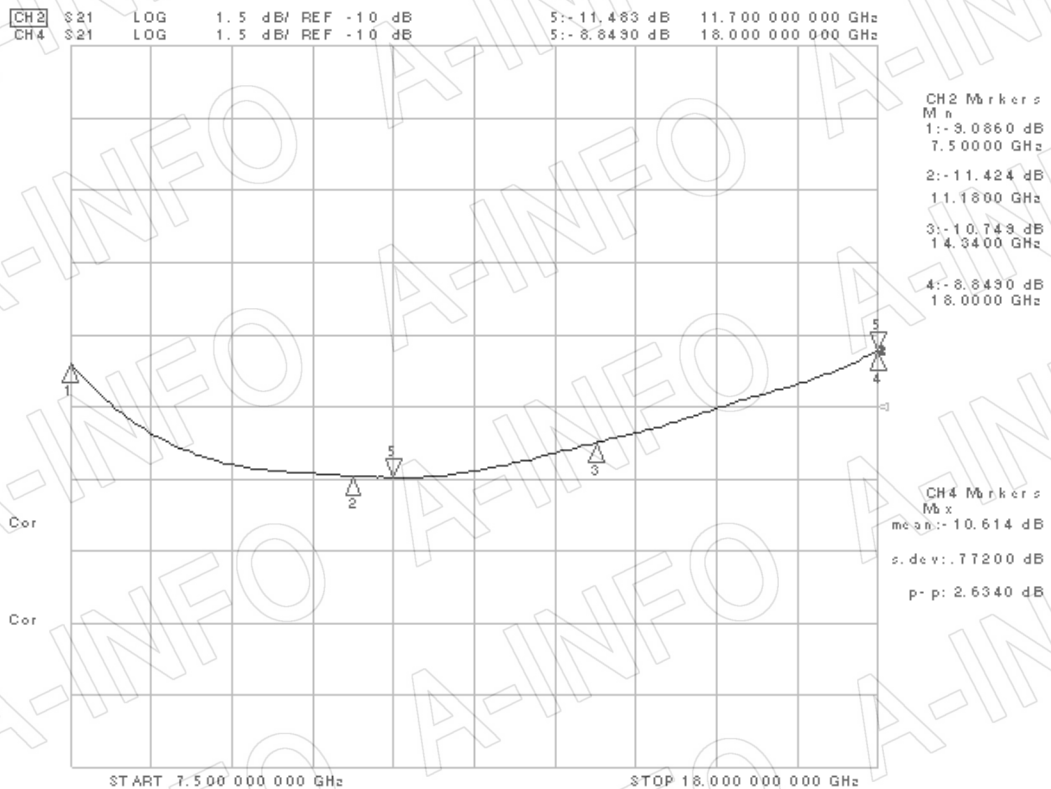
## Test Results

### Coupling

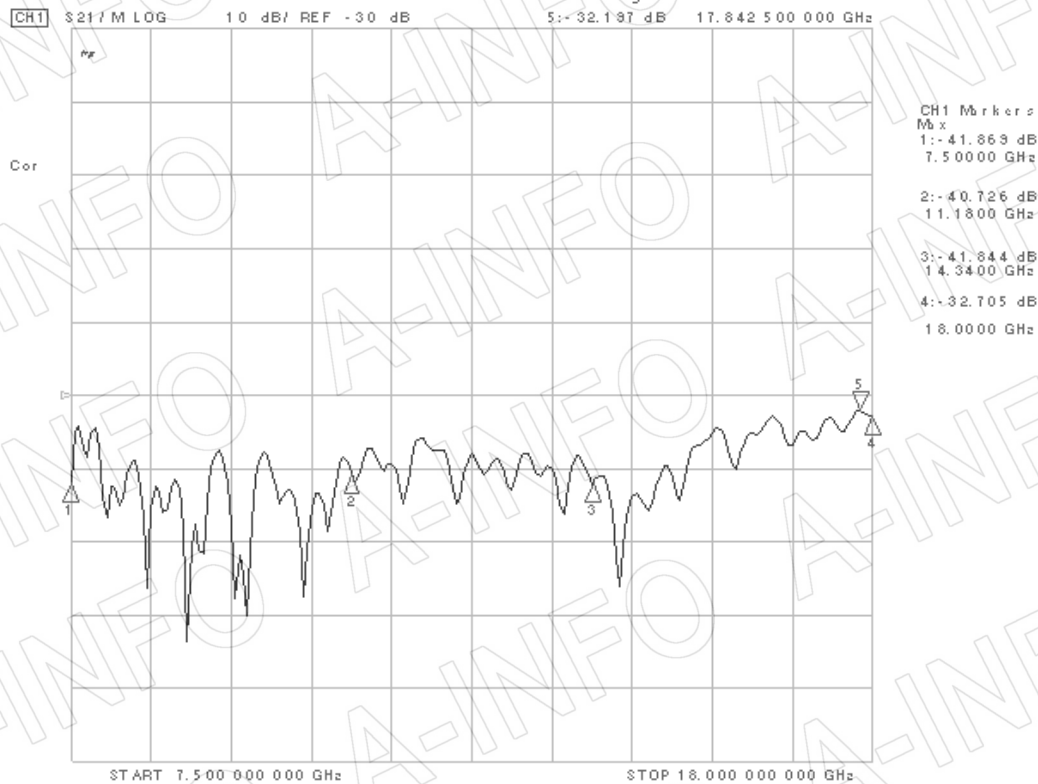
#### Port 1



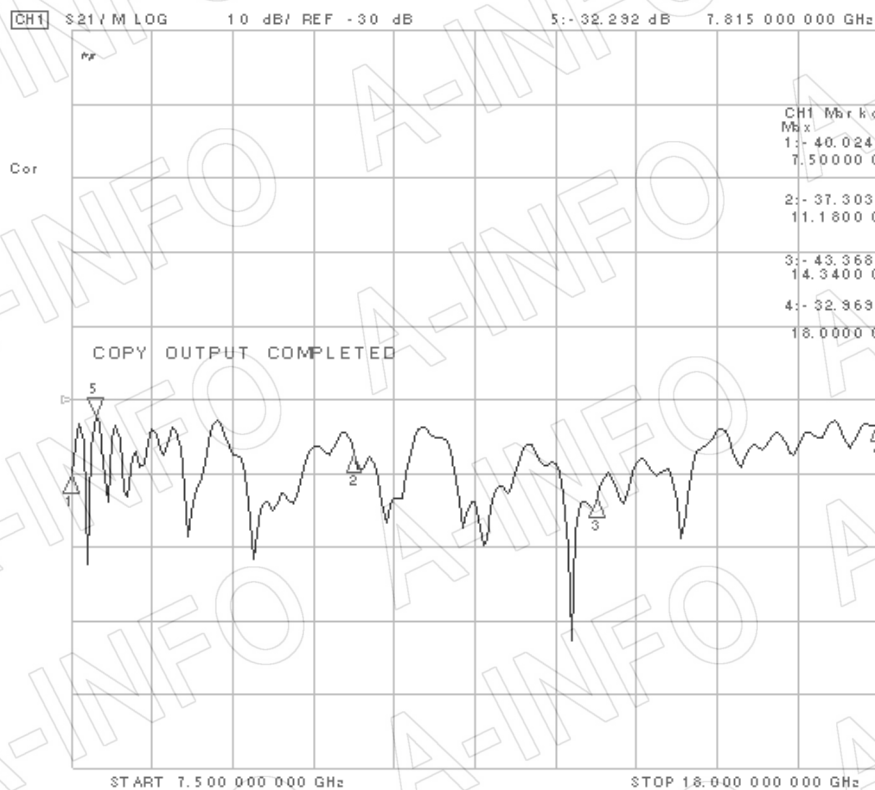
#### Port 2



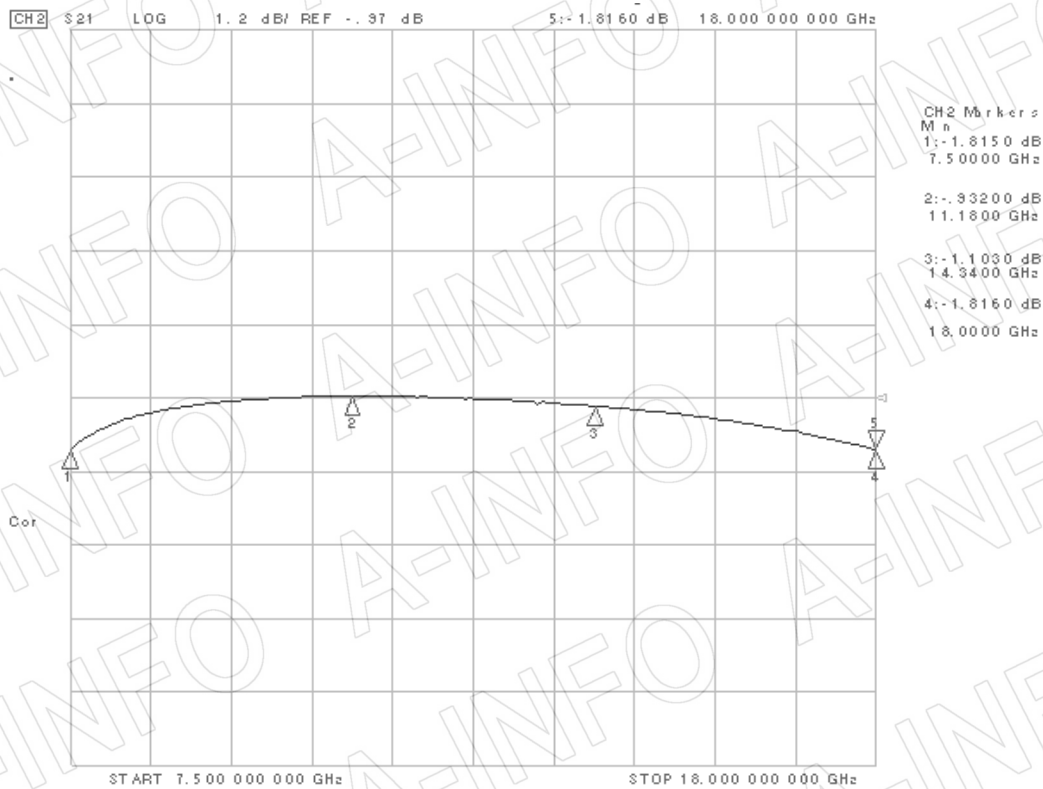
### Directivity Port 1



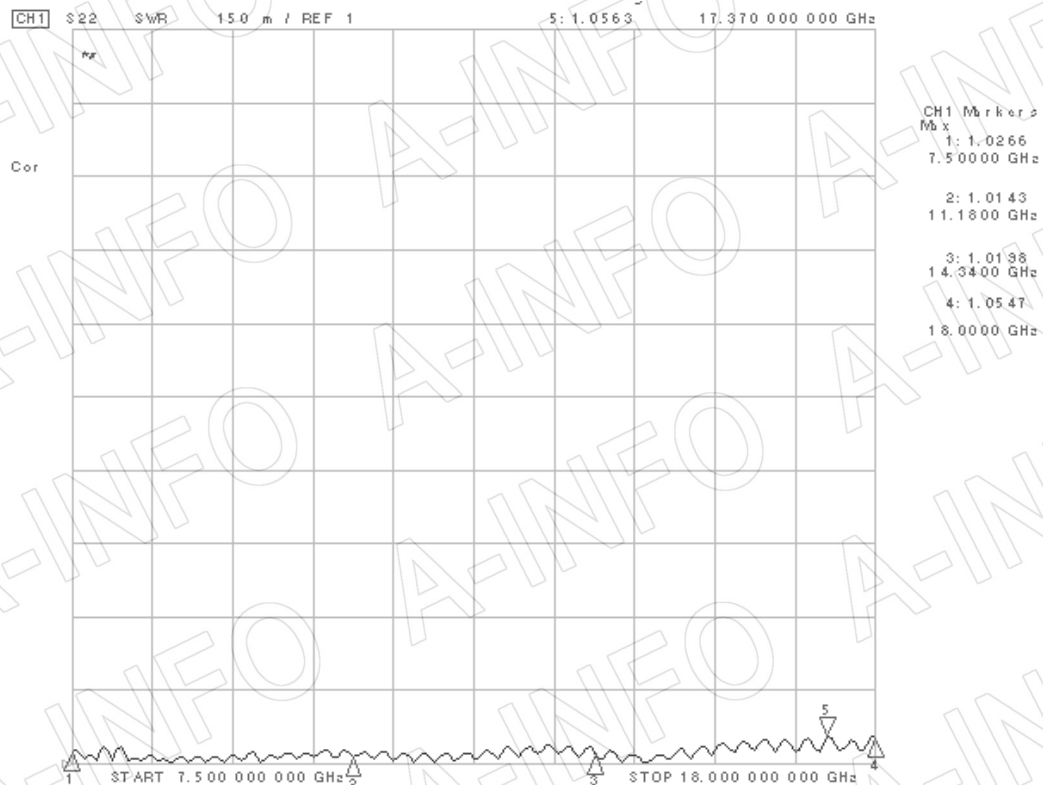
### Port 2



I.L. (Including the theoretical loss 0.97dB)

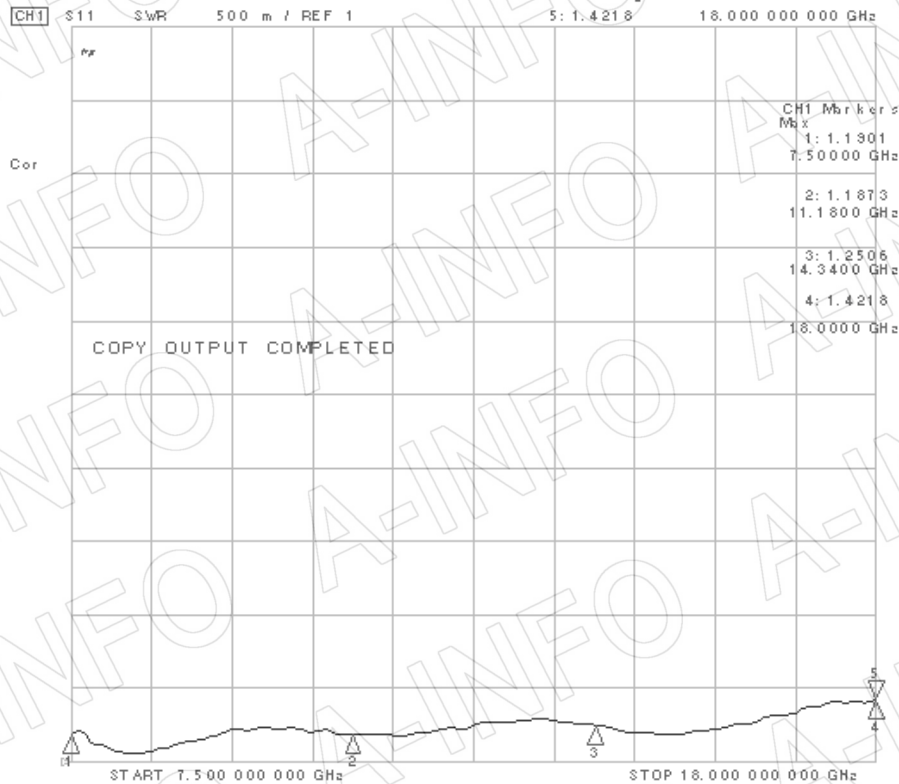


Mainline VSWR



### Secondline VSWR

#### Port 1



#### Port 2

