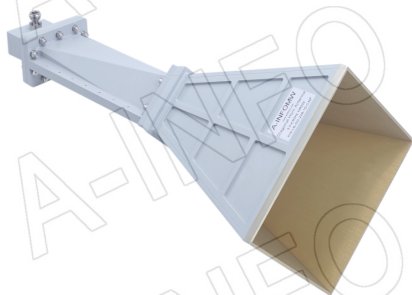


For reference only. See data sheet for the detailed specifications.

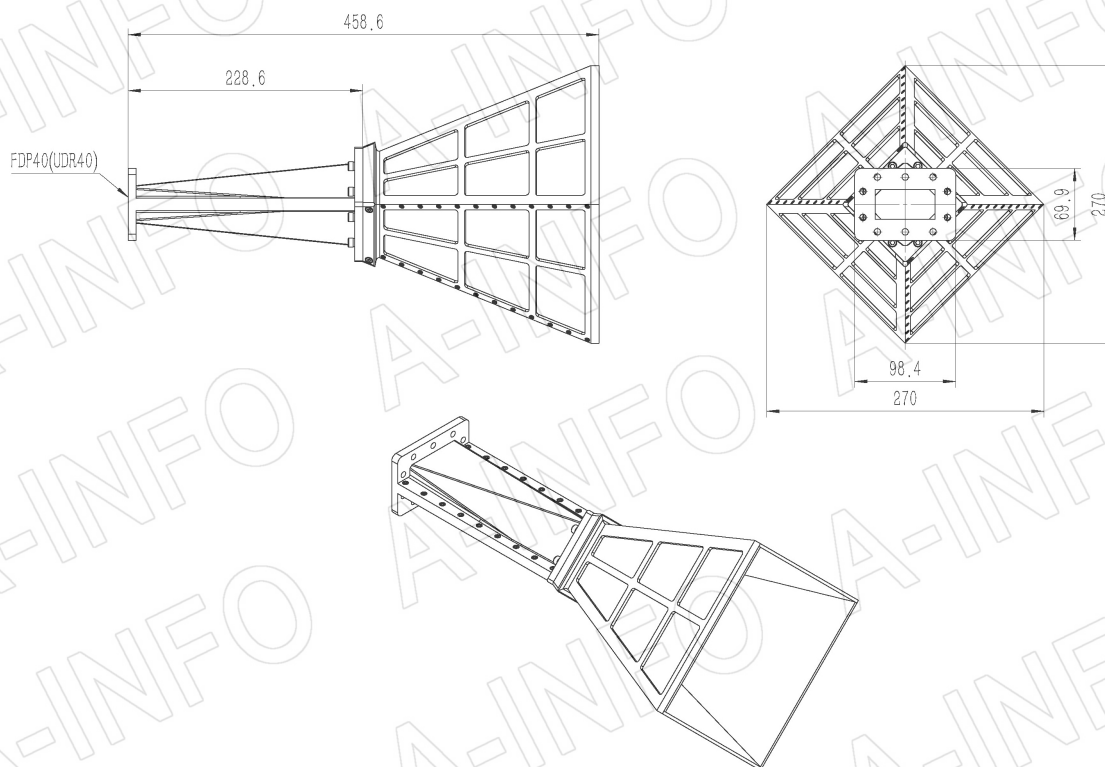
## Technical Specification



|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| Frequency Range(GHz)     | 3.30 – 4.90                                                                     |
| Waveguide                | WR229                                                                           |
| Gain(dBi)                | 15 Typ.                                                                         |
| Polarization             | Linear                                                                          |
| 3dB Beamwidth(deg)       | E Plane: 25 Typ.                                                                |
|                          | H Plane: 23 Typ.                                                                |
| Side Lobe Level(dB)      | E Plane: 31 Min.                                                                |
|                          | H Plane: 36 Min.                                                                |
| Cross Pol. Isolation(dB) | 40 Typ.                                                                         |
| VSWR                     | A Type: 1.20:1 Max.                                                             |
|                          | C Type: 1.50:1 Max.                                                             |
| Output                   | A Type: FDP40(UDR40)                                                            |
|                          | C Type: N-Female<br>or SMA-Female<br>or TNC-Female<br>or 7mm<br>or 3.5mm-Female |
| Material                 | Al                                                                              |
| Finish                   | Chemical Conversion Coating,<br>Gray Paint                                      |
| Size(mm)                 | A Type: 270 x 270 x 458.6                                                       |
|                          | C Type: 270 x 270 x 523.6                                                       |
| Net Weight(Kg)           | A Type: 1.83 Around                                                             |
|                          | C Type: 2.09 Around                                                             |

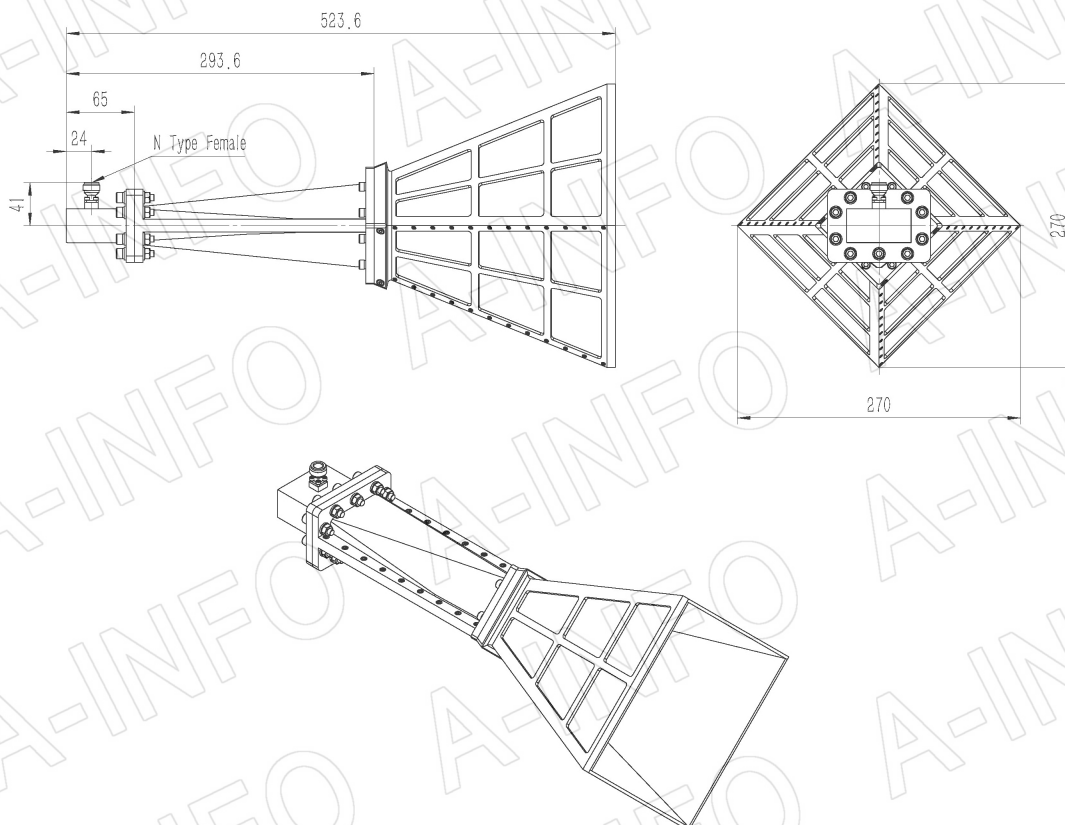
## Outline Drawing (Size: mm)

FDP40 Output (P/N: LB-DG-229-15-A)



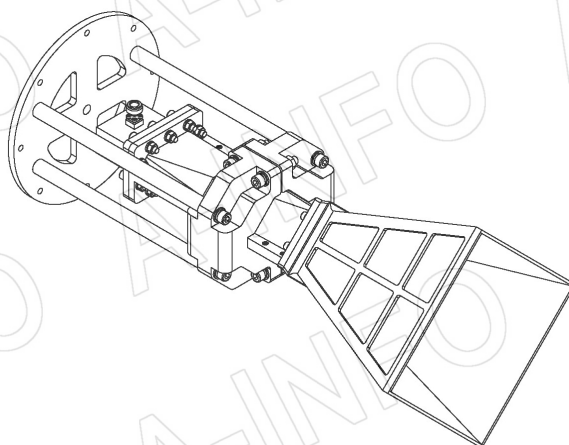
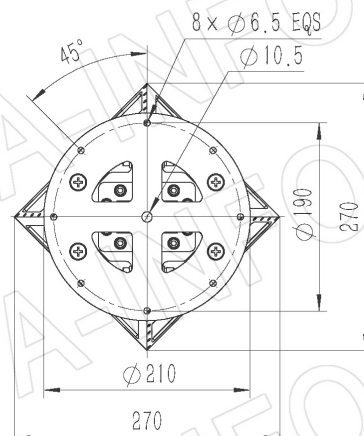
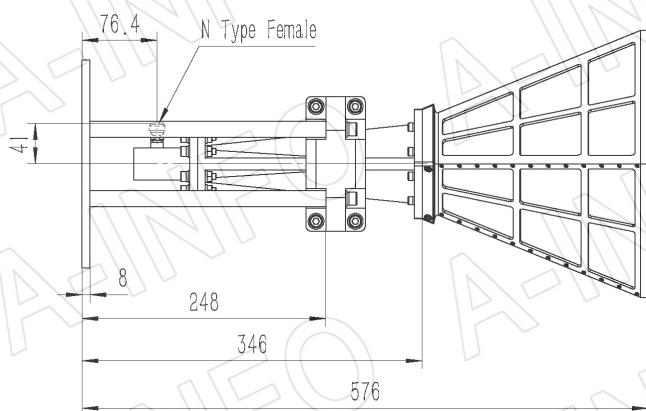
## N-Female Output (P/N: LB-DG-229-15-C-NF)

For SMA-Female, TNC-Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

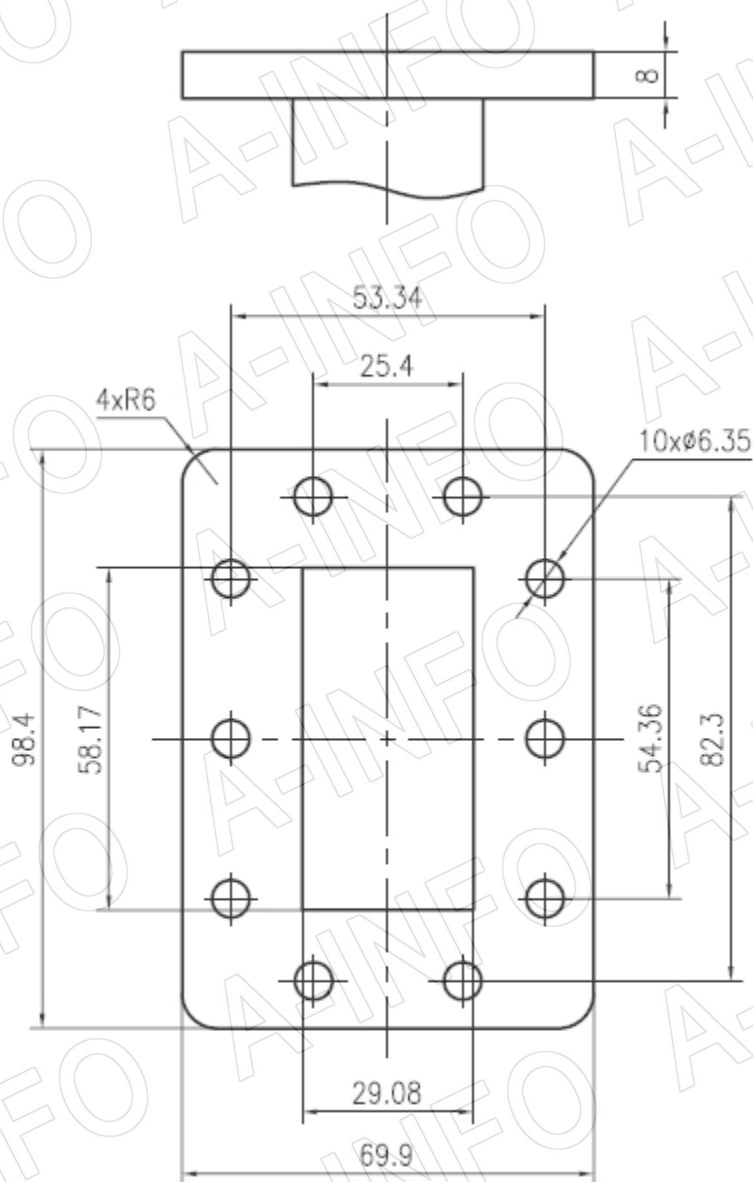


## N-Female Output with Round Mounting Bracket (Option, P/N: LB-DG-229-15-MB)

For SMA-Female, TNC-Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



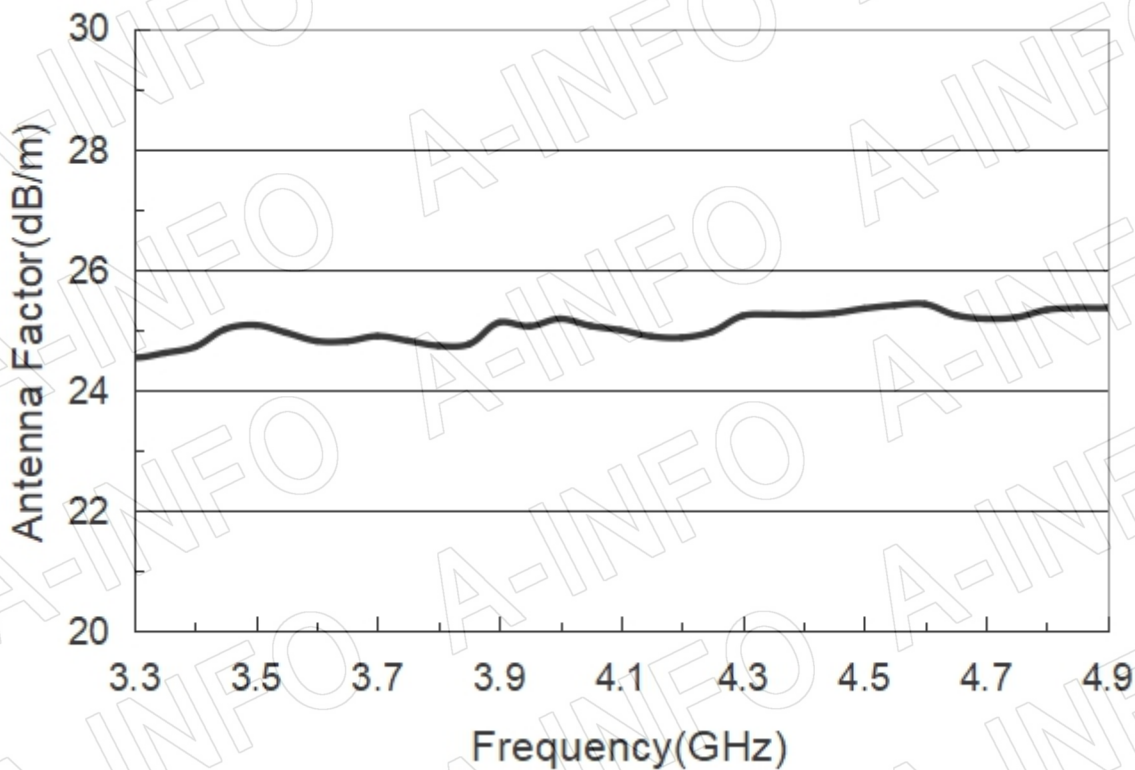
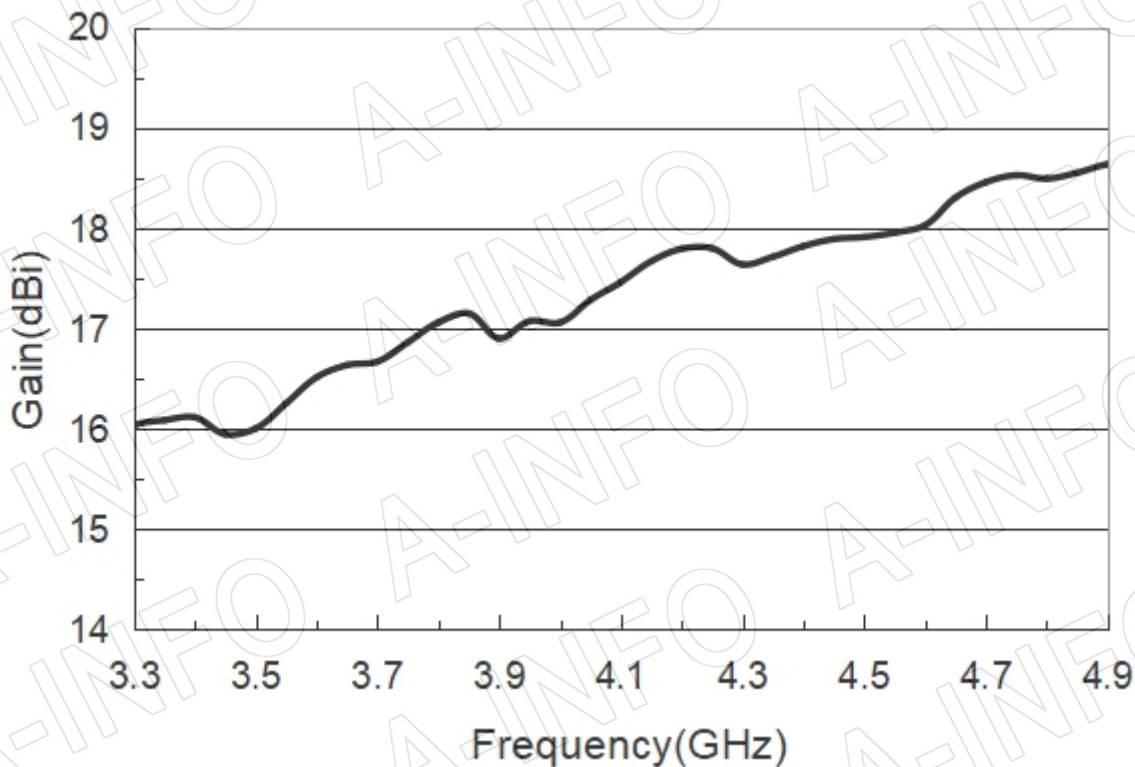
## Flange Drawing (Size: mm)



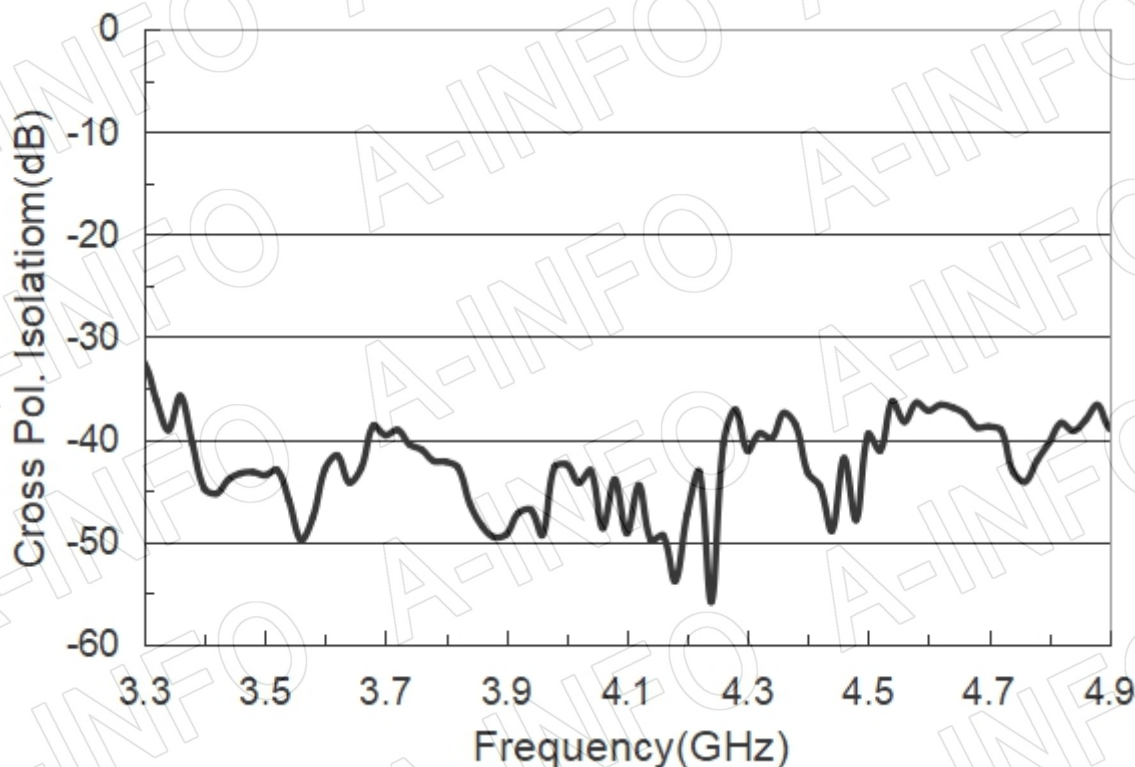
FDP40

## Test Results

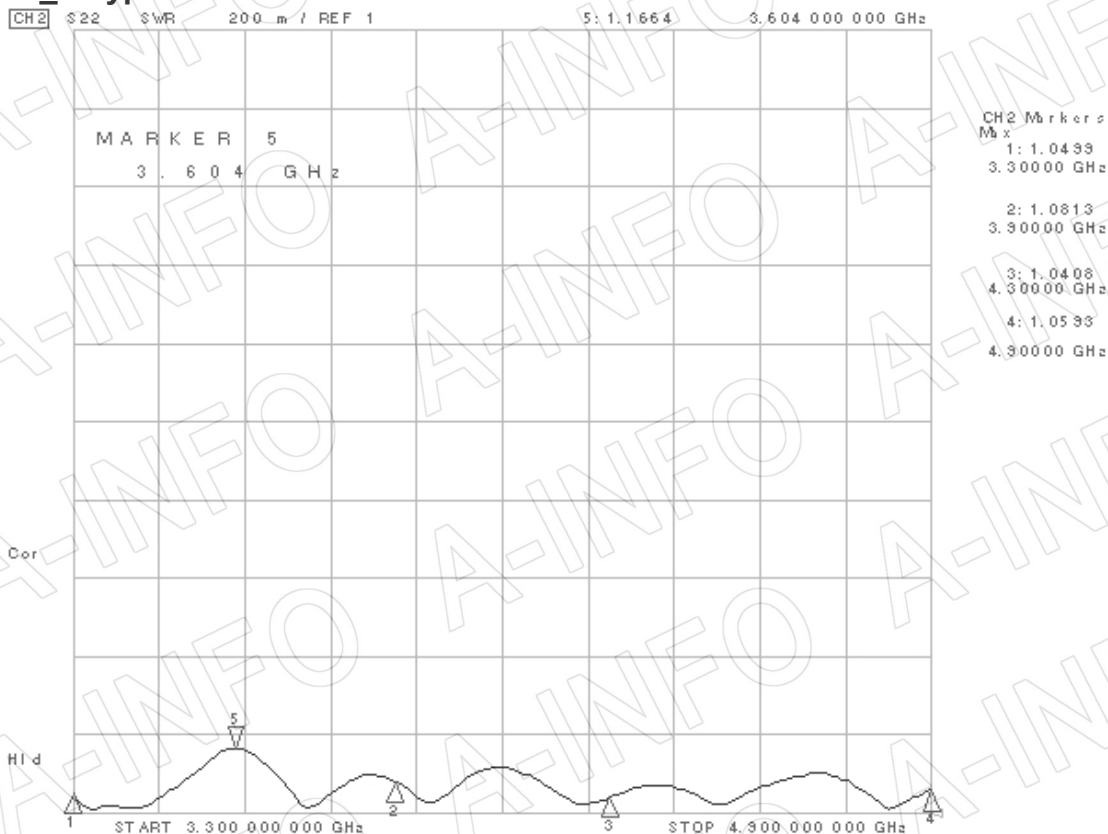
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation



## 3. VSWR\_A Type



AINFO Inc.

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

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

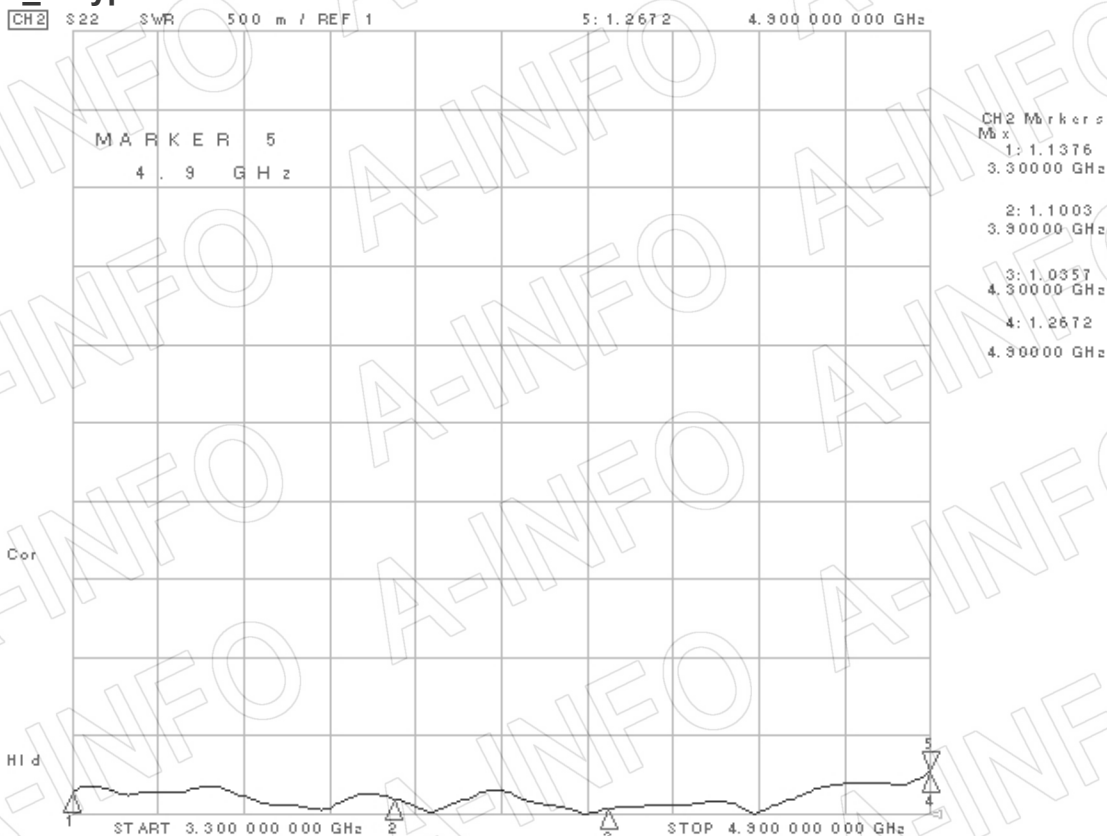
(+86) 10-6266-7327  
(+86) 28-8519-3044  
(+1) 949-639-9608

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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)

## VSWR\_C Type



## 4. Pattern

