

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

## Technical Specification



|                            |                                                      |
|----------------------------|------------------------------------------------------|
| Frequency Range(GHz)       | 26.5 – 40.0                                          |
| Waveguide                  | WR28                                                 |
| Gain(dBi)                  | 25 Typ.                                              |
| Polarization               | Dual Linear                                          |
| 3dB Beamwidth(deg)         | E Plane: 8 Typ.                                      |
|                            | H Plane: 9 Typ.                                      |
| Cross Pol. Isolation(dB)   | 40 Typ.                                              |
| Port to Port Isolation(dB) | 50 Typ. ; 40 Min.                                    |
| VSWR                       | A Type: 1.60:1 Max.                                  |
|                            | C Type: 1.80:1 Max.                                  |
| Output                     | A Type: FBP320(UBR320)<br>(Modified with 4xM3 Deep4) |
|                            | C Type: 2.92mm-Female<br>or 2.4mm-Female             |
| Material                   | Al                                                   |
| Finish                     | Gold Plated, Gray Paint                              |
| Size(mm)                   | A Type: 79.5 x 79.5 x 249                            |
|                            | C Type: 79.5 x 79.5 x 273                            |
| Net Weight(Kg)             | A Type: 0.53 Around                                  |
|                            | C Type: 0.60 Around                                  |

**PATENT ID (China)**

**ZL202221065441.6**

**AINFO Inc.**

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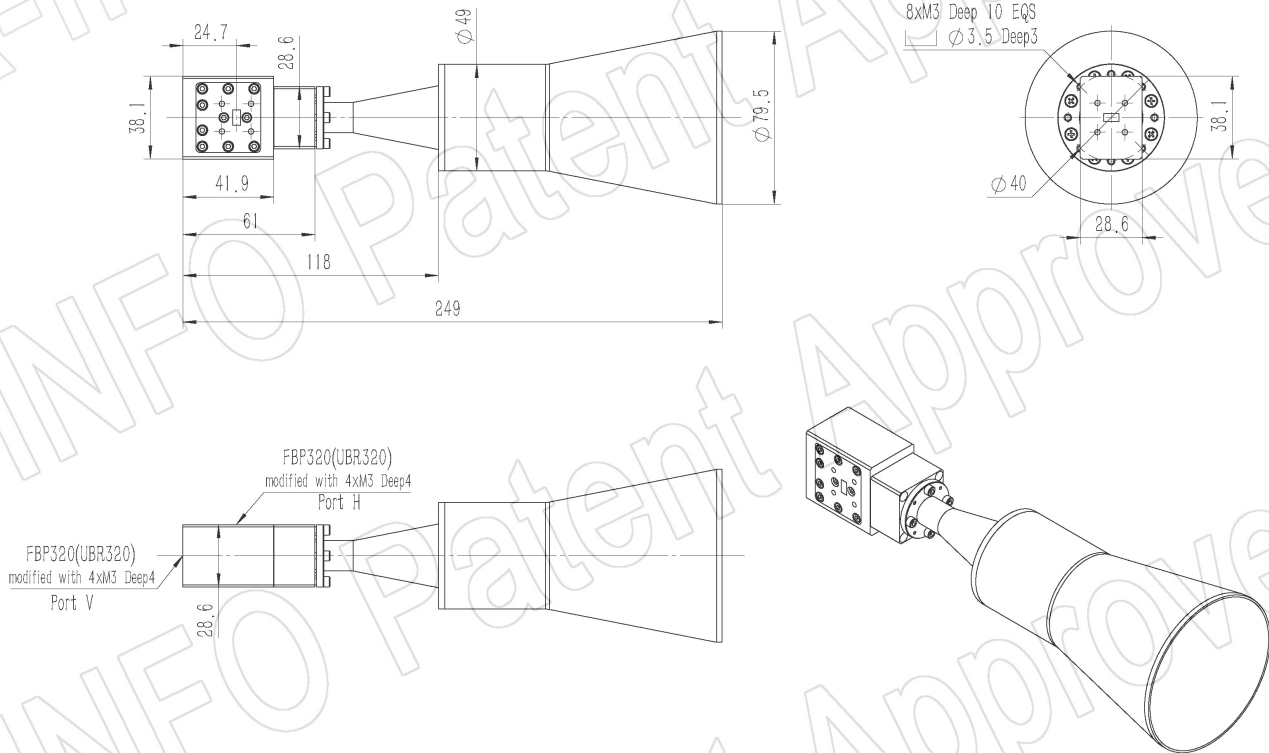
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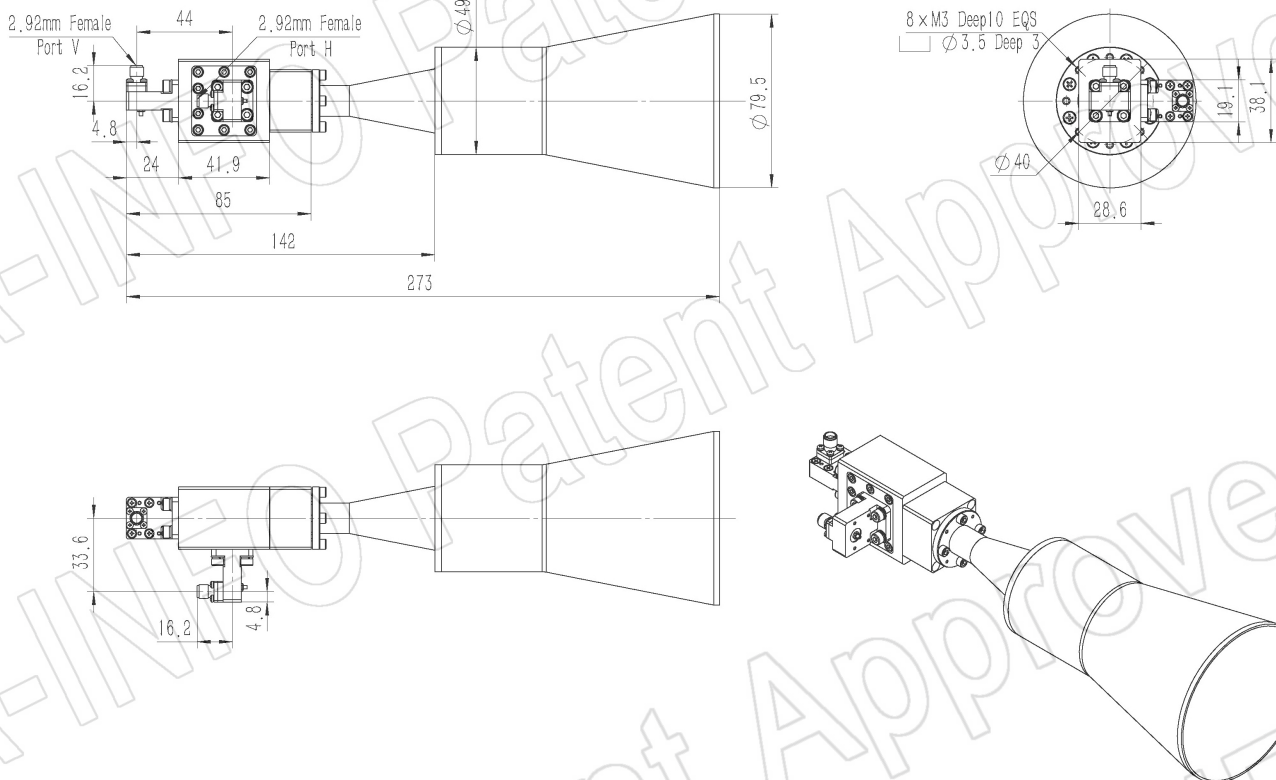
## Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-25-T02-A)



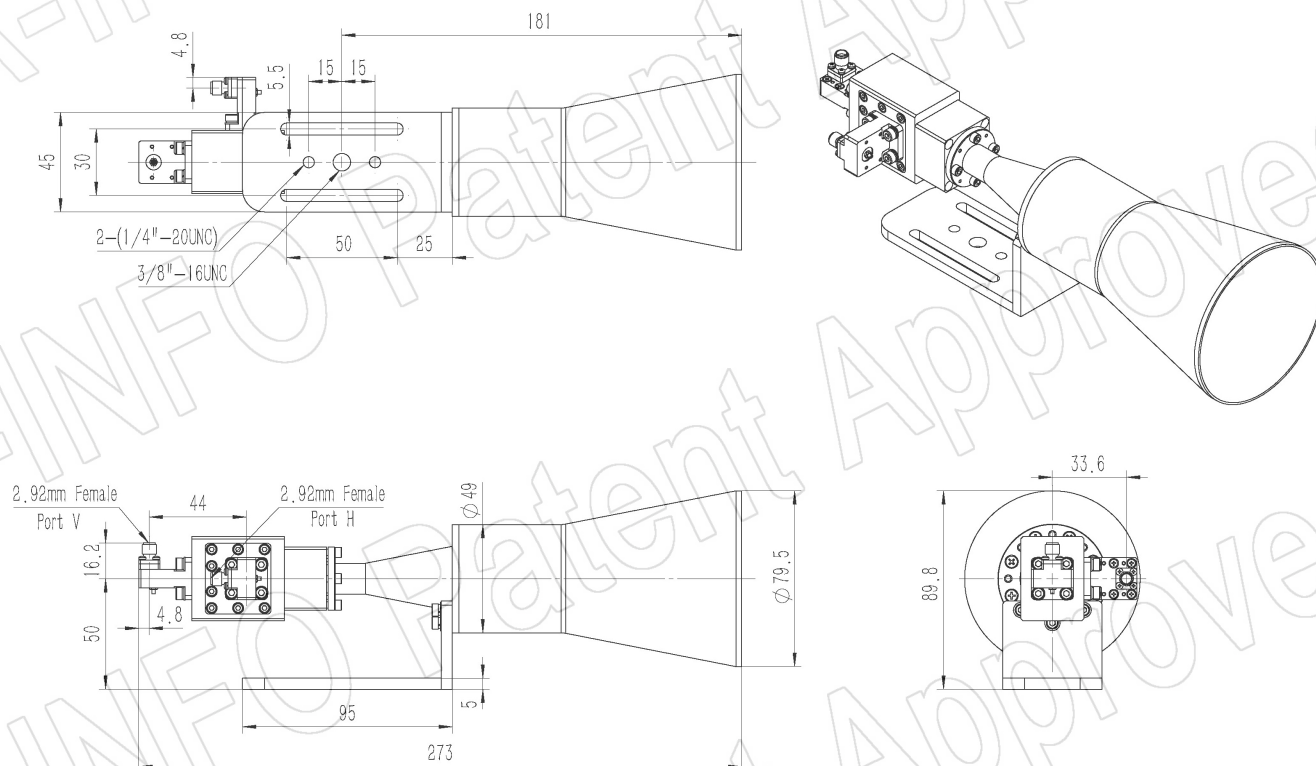
## 2.92mm-Female Output (P/N: LB-CNH-28-25-T02-C-KF)

For 2.4mm-Female output outline drawing, please contact A-INFO.

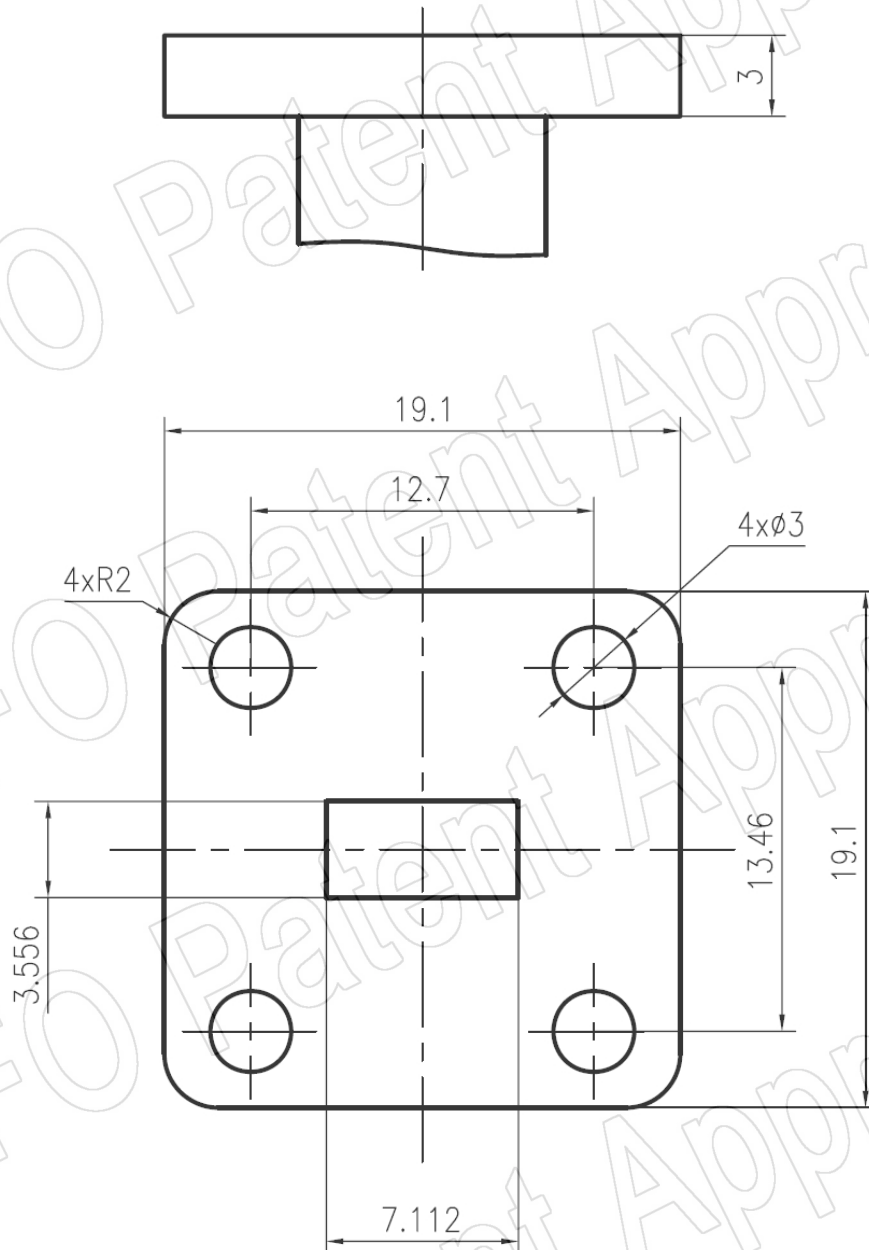


## 2.92mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-28-25-L)

For 2.4mm-Female output outline drawing, please contact A-INFO.



## Flange Drawing (Size: mm)



**FBP320**

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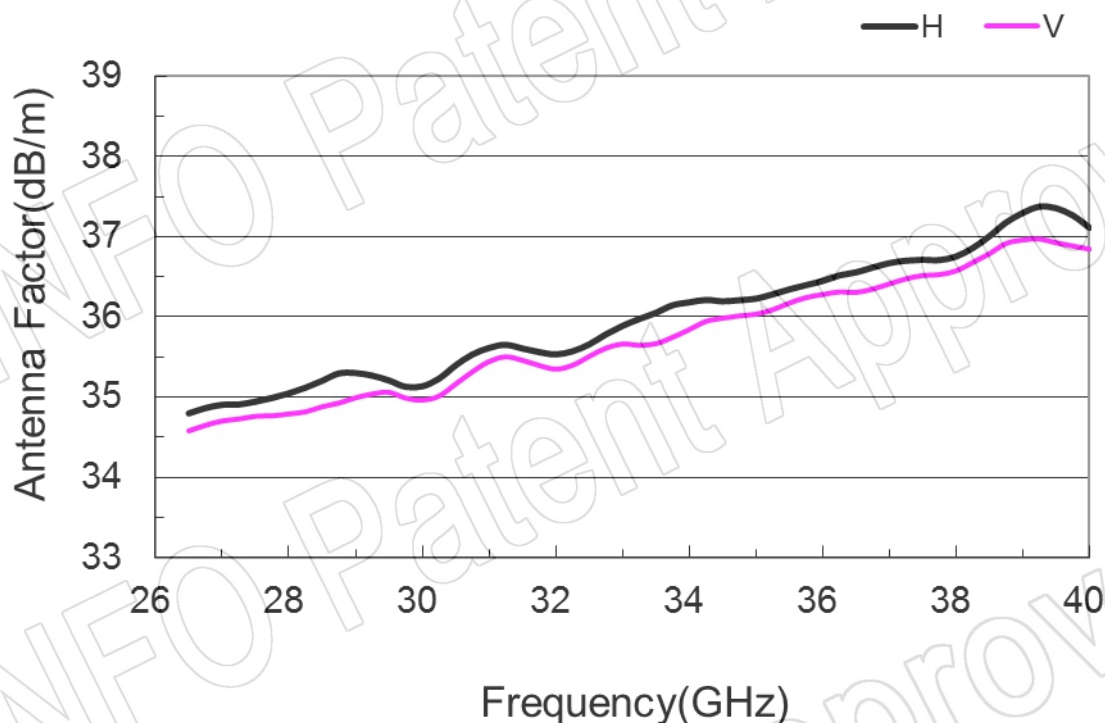
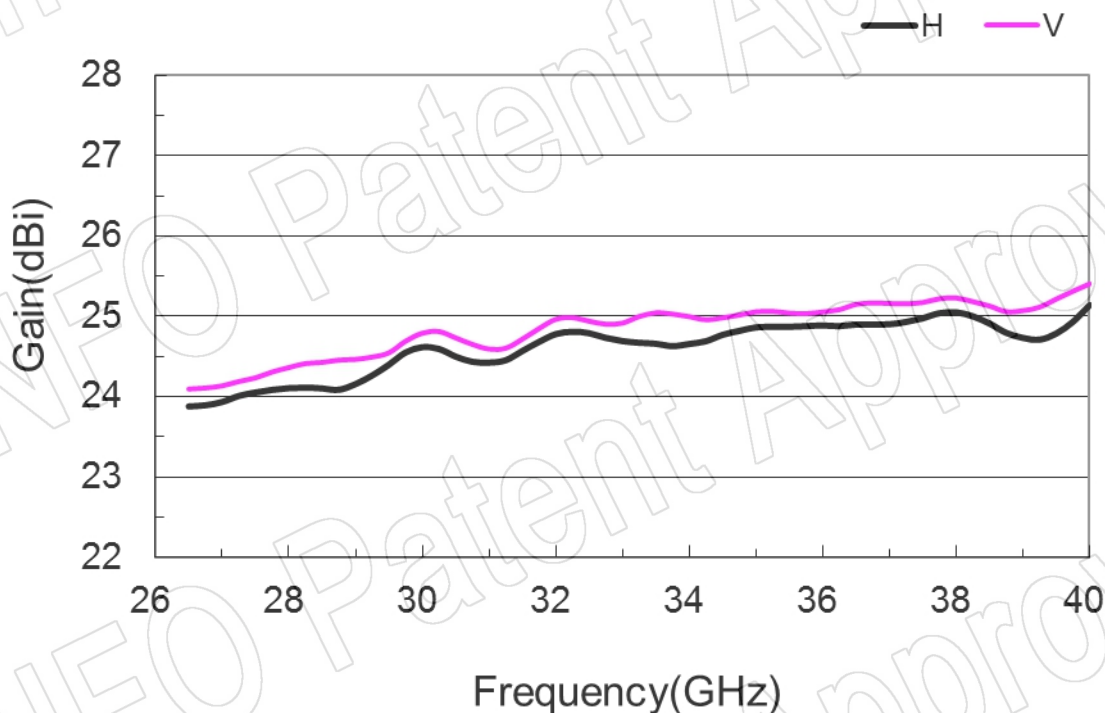
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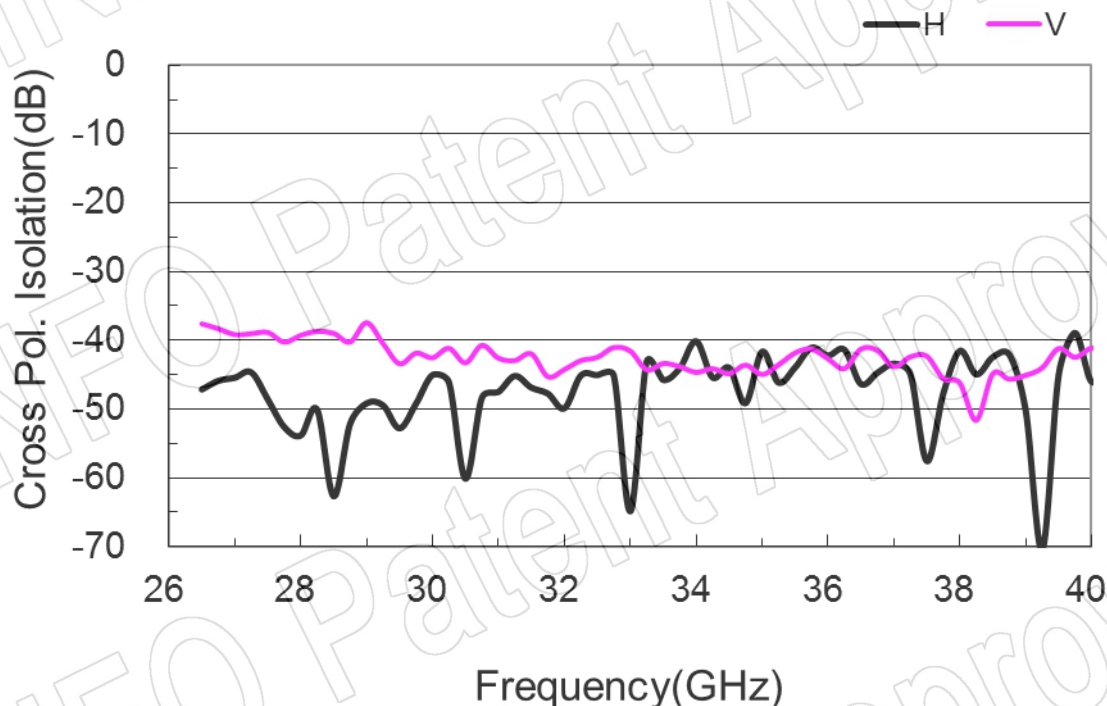


## Test Results

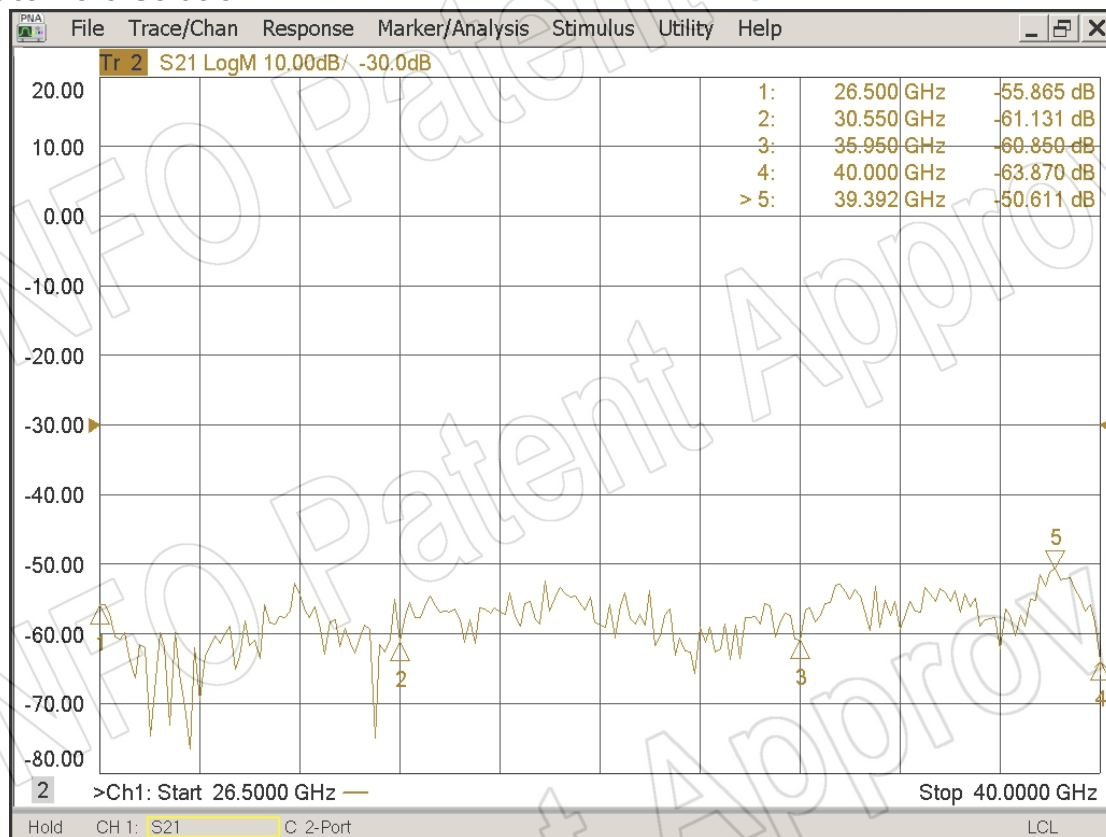
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation

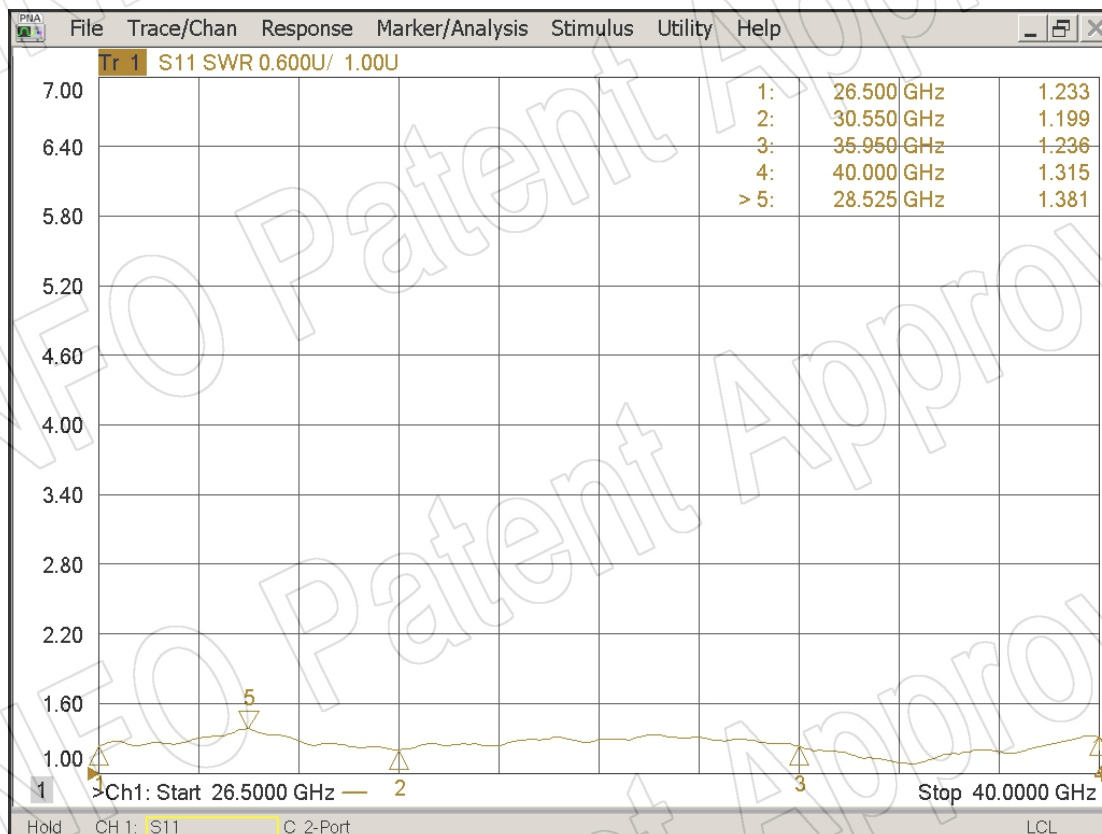


## 3. Port to Port Isolation

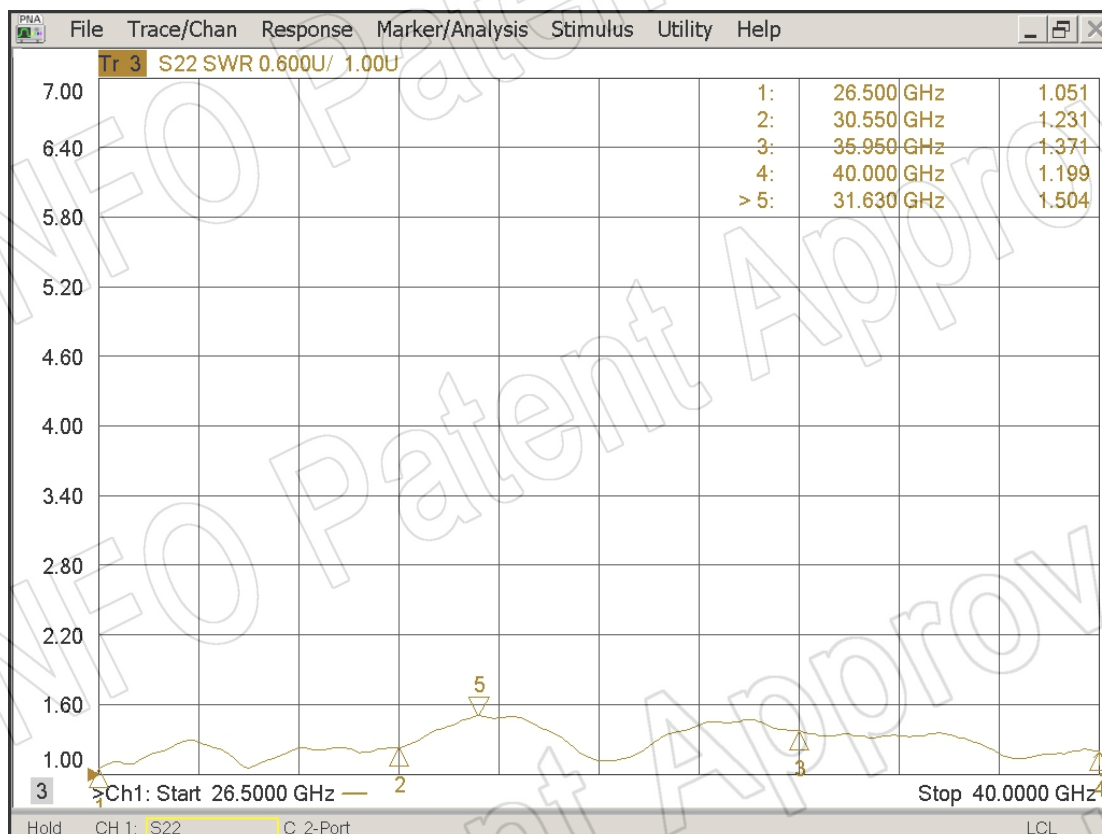


## 4. VSWR\_A Type

Port-H



Port-V



AINFO Inc.

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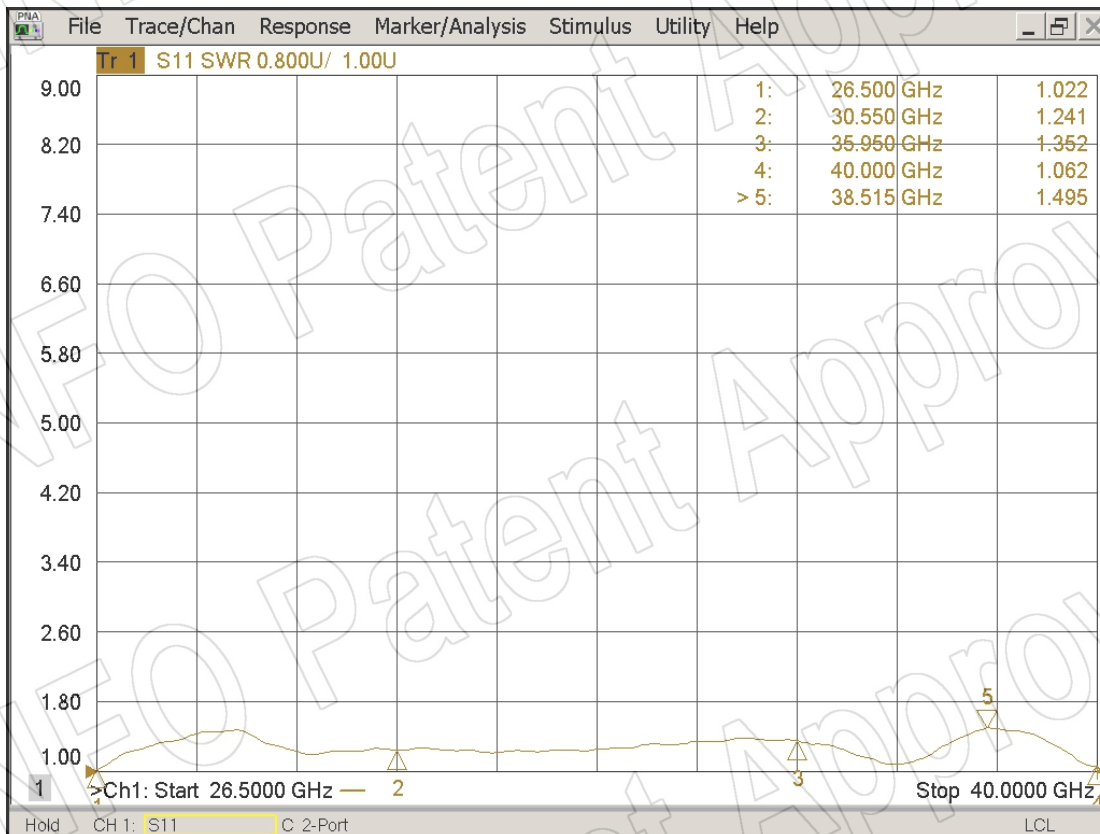
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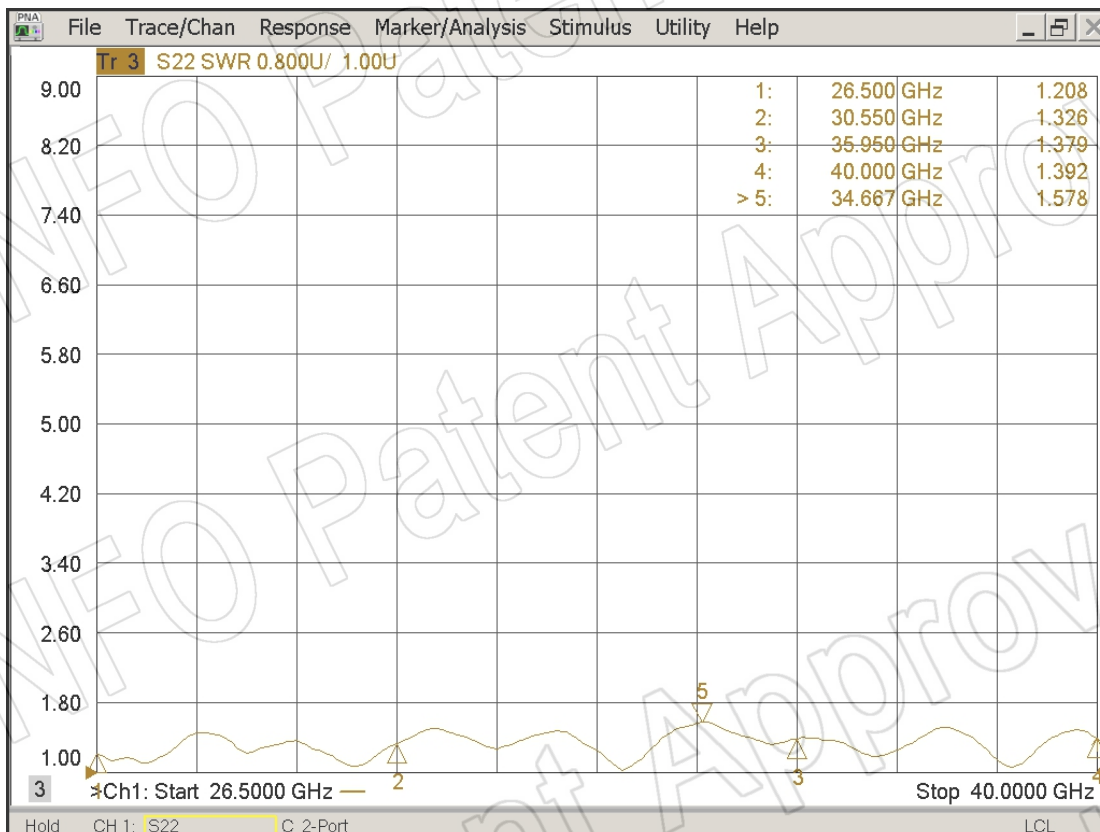
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## VSWR\_C Type

### Port-H



### Port-V





## 5. Pattern

