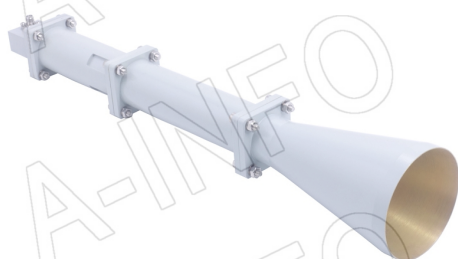


For reference only. See data sheet for the detailed specifications.

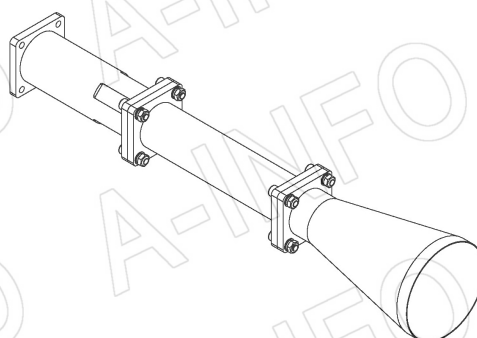
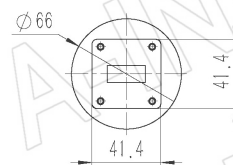
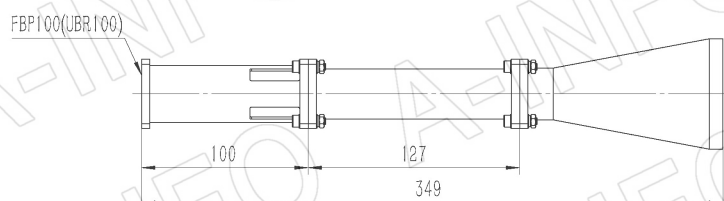
## Technical Specification



|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Frequency Range(GHz) | 8.9 - 11.7                                                                      |
| Waveguide            | WR90                                                                            |
| Gain(dBic)           | 15 Typ.                                                                         |
| Polarization         | RHCP                                                                            |
| Axial Ratio(dB)      | 1.0 Typ.                                                                        |
|                      | 2.0 Max.                                                                        |
| 3dB Beamwidth(deg)   | E Plane: 26 Typ.                                                                |
|                      | H Plane: 27 Typ.                                                                |
| VSWR                 | A Type: 1.15:1 Max.                                                             |
|                      | C Type: 1.50:1 Max.                                                             |
| Output               | A Type: FBP100(UBR100)                                                          |
|                      | C Type: SMA-Female<br>or N-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: 66 x 66 x 349                                                           |
|                      | C Type: 66 x 66 x 387                                                           |
| Net Weight(Kg)       | A Type: 0.50 Around                                                             |
|                      | C Type: 0.55 Around                                                             |

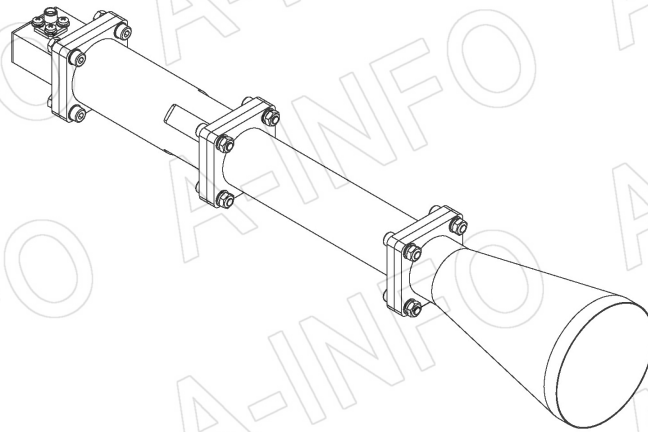
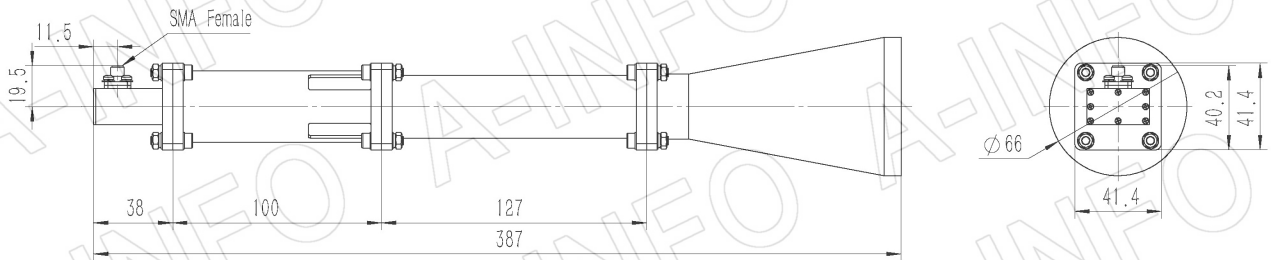
## Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CNH-90-15-R16-A)



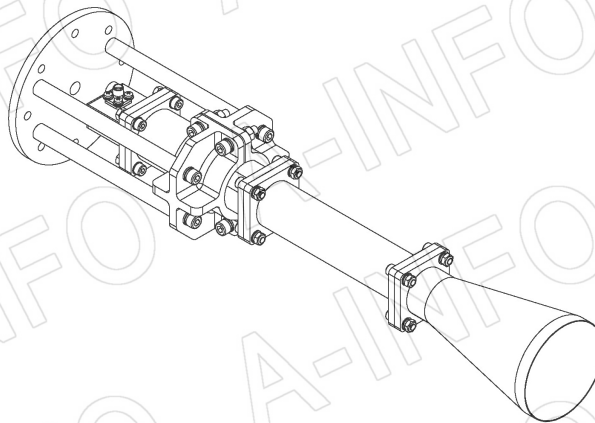
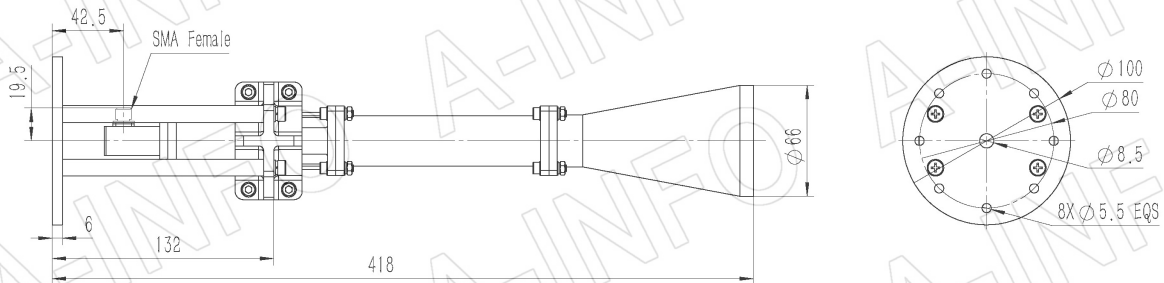
## SMA-Female Output (P/N: LB-CNH-90-15-R16-C-SF)

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



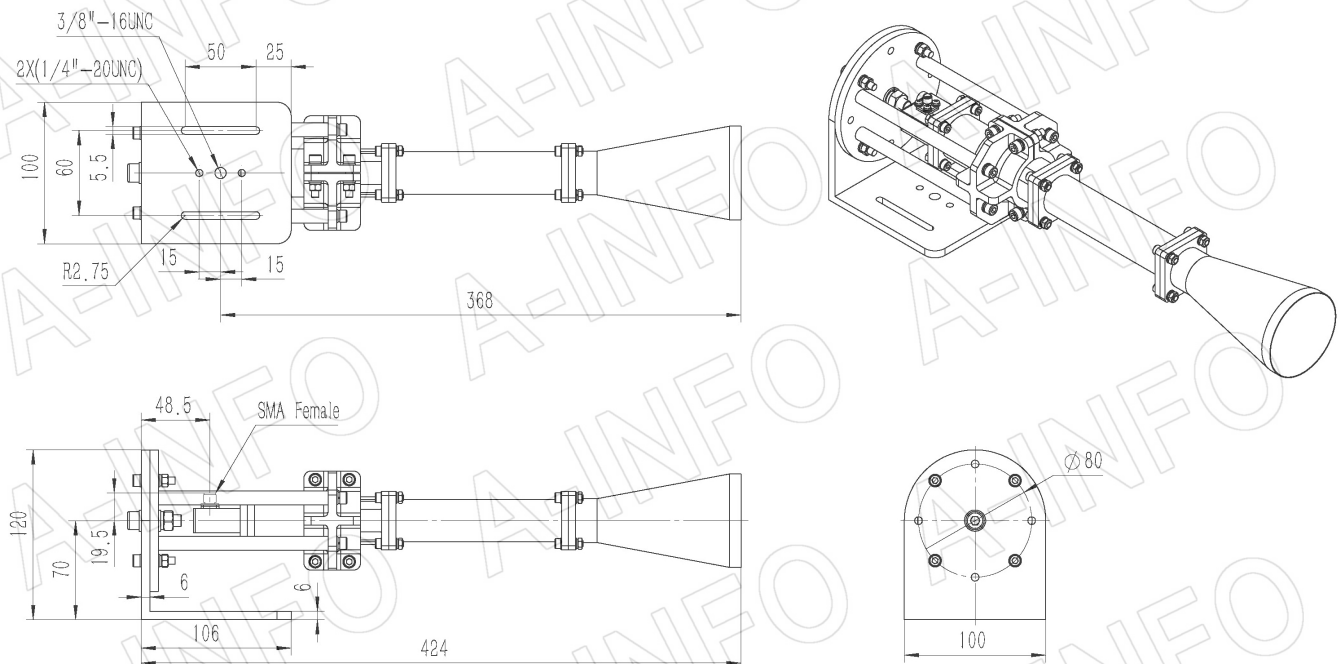
## SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-10-MB)

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

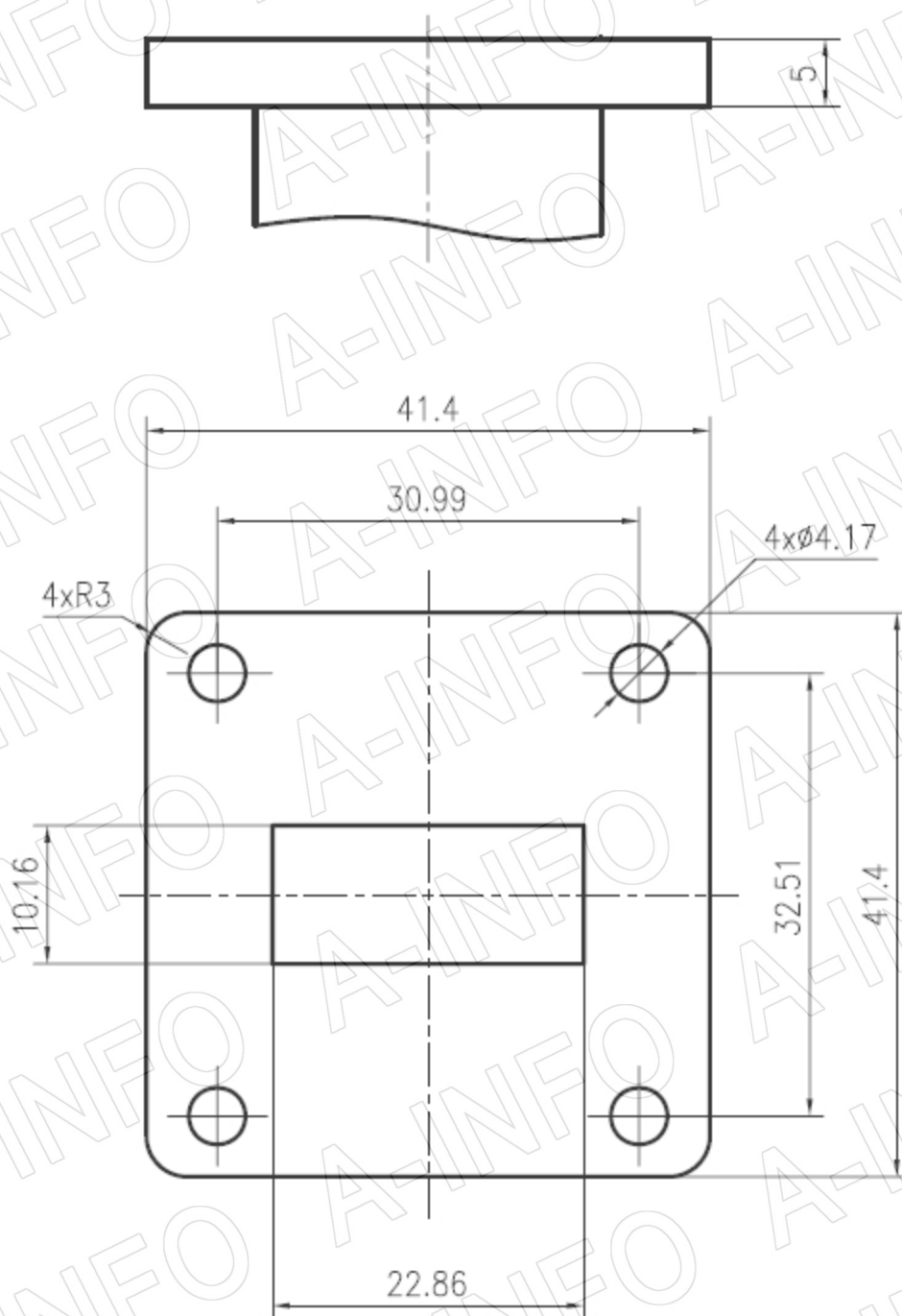


## SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-90-10-MBL)

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



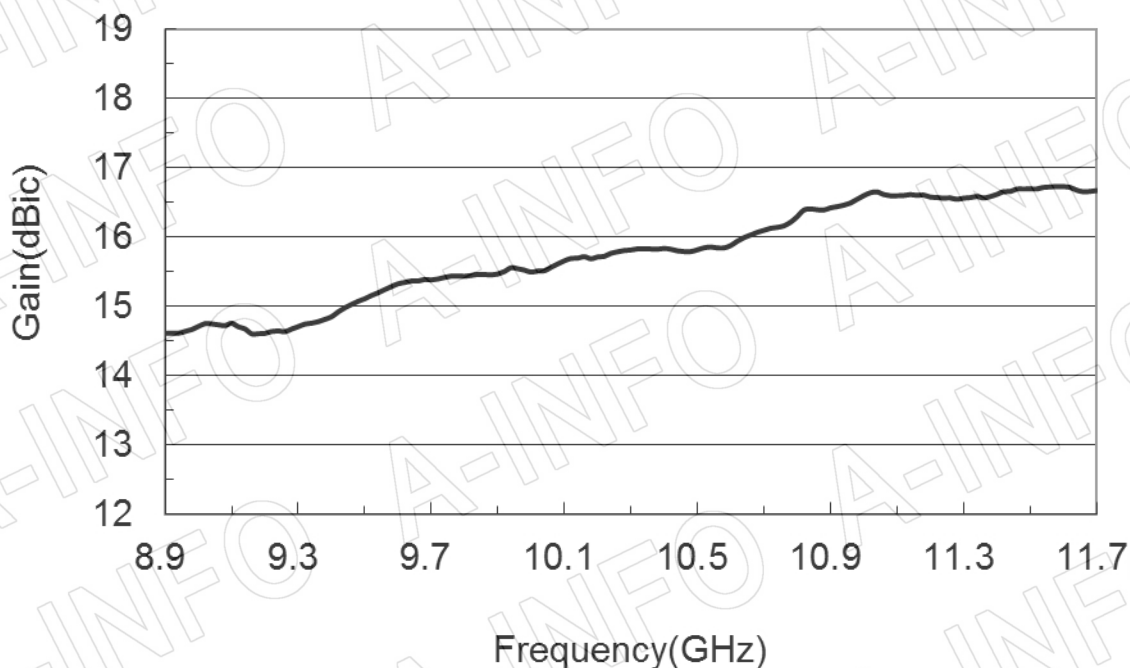
## Flange Drawing (Size: mm)



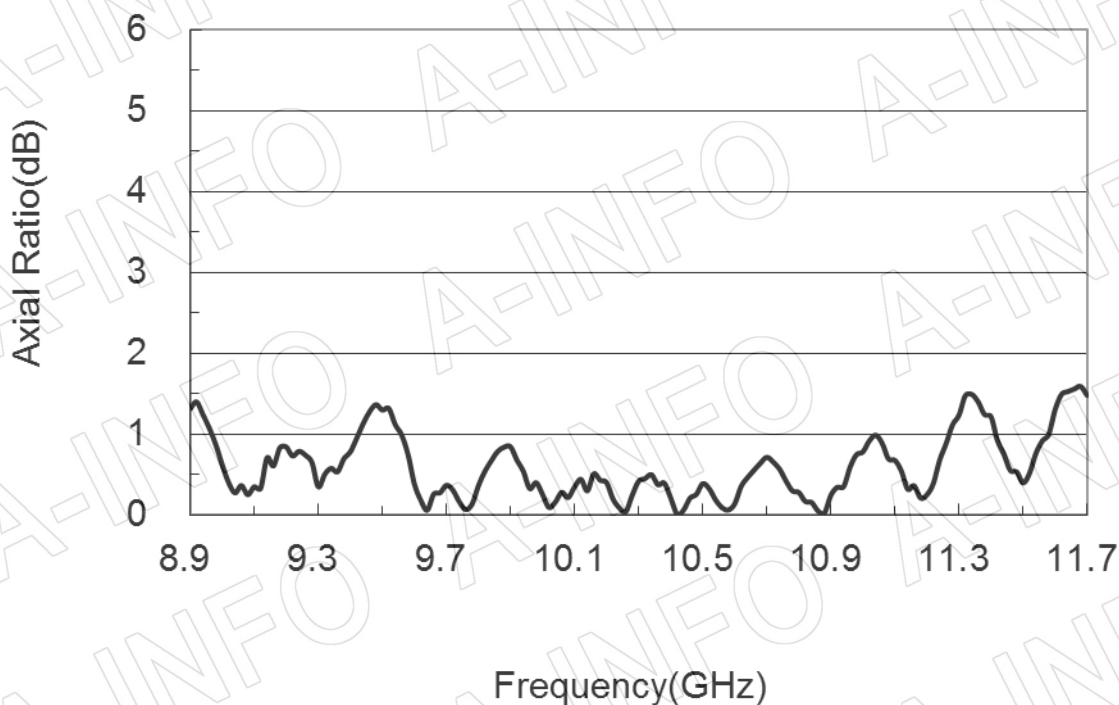
**FBP100**

## Test Results

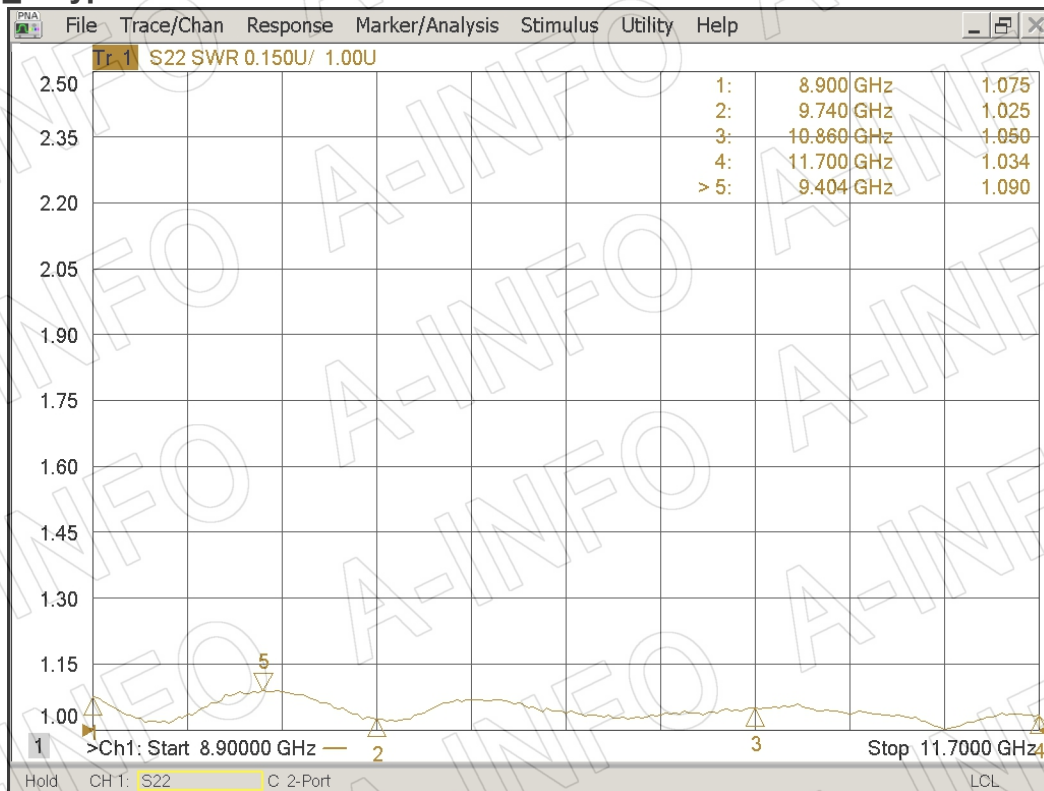
### 1. Gain



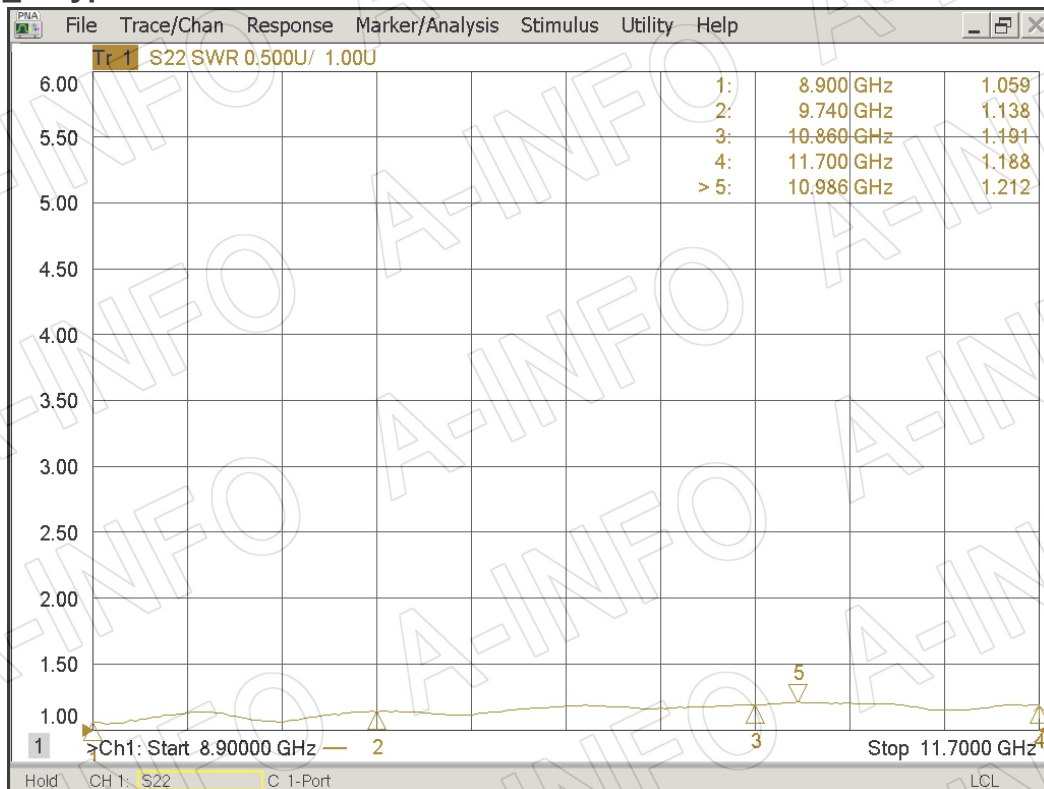
### 2. Axial Ratio



### 3. VSWR\_A Type



### VSWR\_C Type



## 4. Pattern

