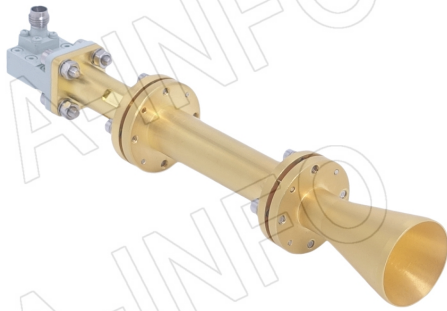


For reference only. See data sheet for the detailed specifications.

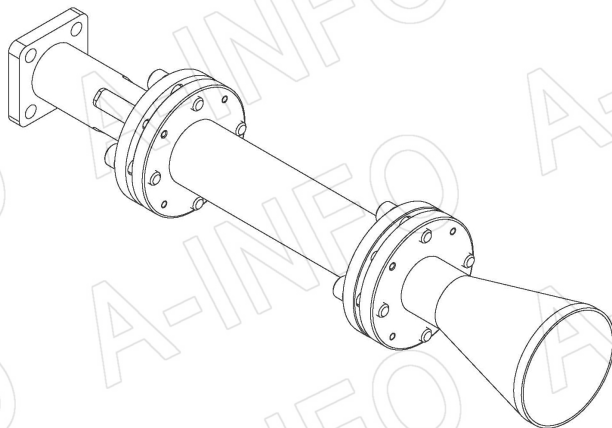
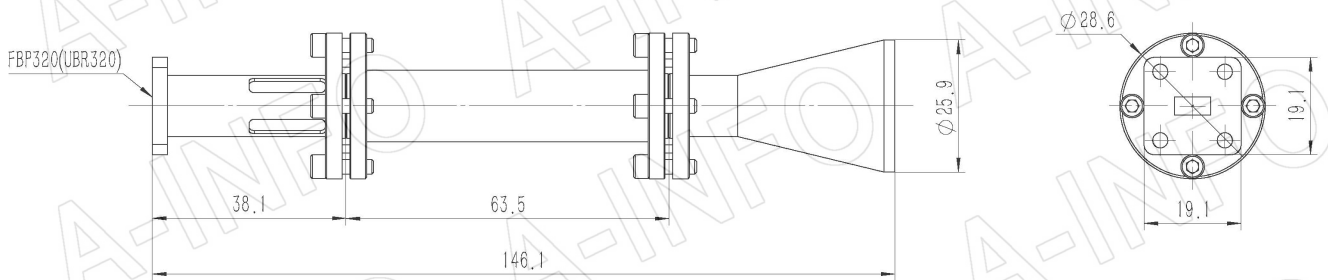
## Technical Specification



|                      |                                       |
|----------------------|---------------------------------------|
| Frequency Range(GHz) | 23.5 – 43.5                           |
| Waveguide            | WR28                                  |
| Gain(dBic)           | 15 Typ.                               |
| Polarization         | RHCP                                  |
| Axial Ratio(dB)      | 2.5 Typ. ; 4.0 Max.                   |
| 3dB Beamwidth(deg)   | E Plane: 24 Typ.                      |
|                      | H Plane: 24 Typ.                      |
| VSWR                 | A Type: 1.25:1 Max.                   |
|                      | C Type: 1.50:1 Max.                   |
| Output               | A Type: FBP320(UBR320)                |
|                      | C Type: 2.4mm-Female or 2.92mm-Female |
| Material             | Al                                    |
| Finish               | Gold Plated                           |
| Size(mm)             | A Type: 28.6 x 28.6 x 146.1           |
|                      | C Type: 28.6 x 31.1 x 168.9           |
| Net Weight(Kg)       | A Type: 0.11 Around                   |
|                      | C Type: 0.15 Around                   |

## Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-15-R62-A)



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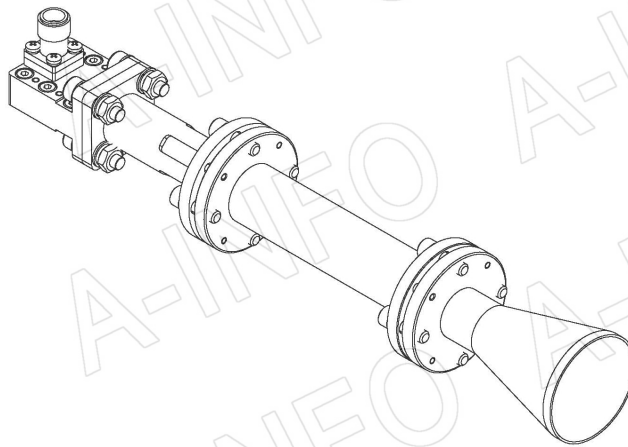
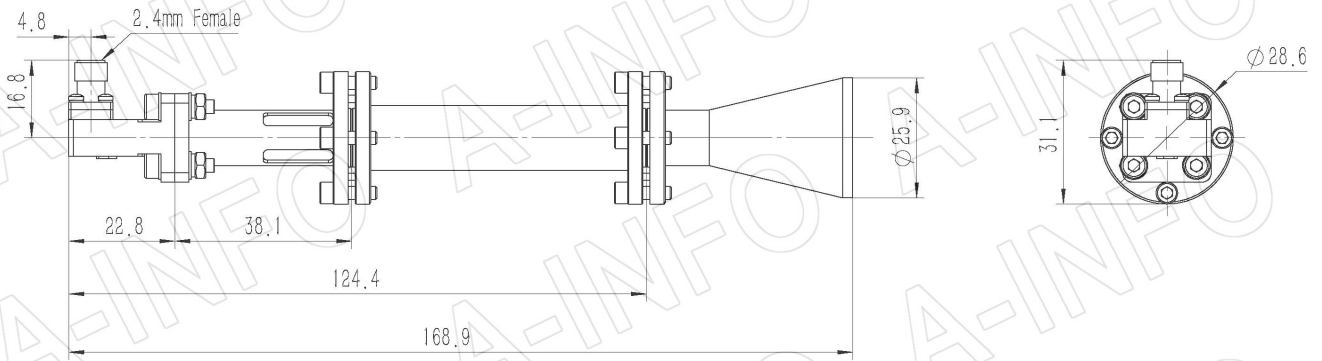
China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
USA: Tel: (+1) 949-639-9688,

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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

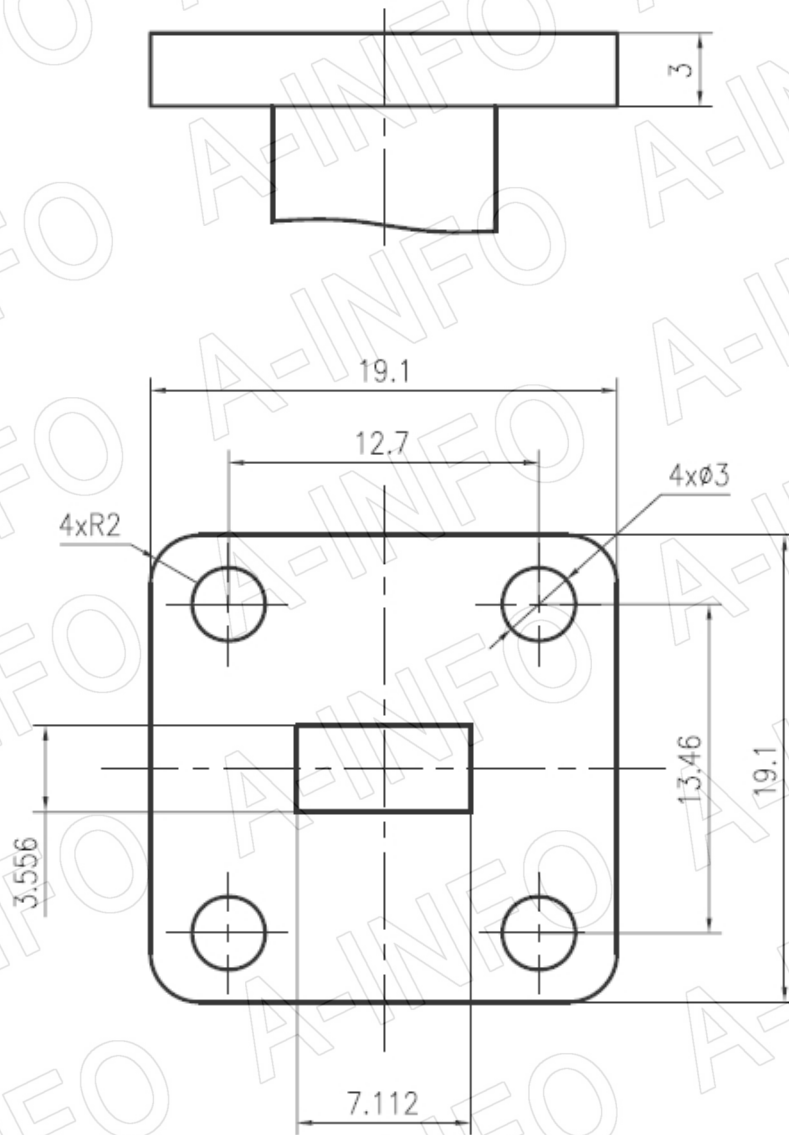
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## 2.4mm-Female Output (P/N: LB-CNH-28-15-R62-C-2.4F)

For 2.92mm-Female output outline drawing, please contact A-INFO.



## Flange Drawing (Size: mm)



FBP320

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USA : Tel: (+1) 949-639-9688,

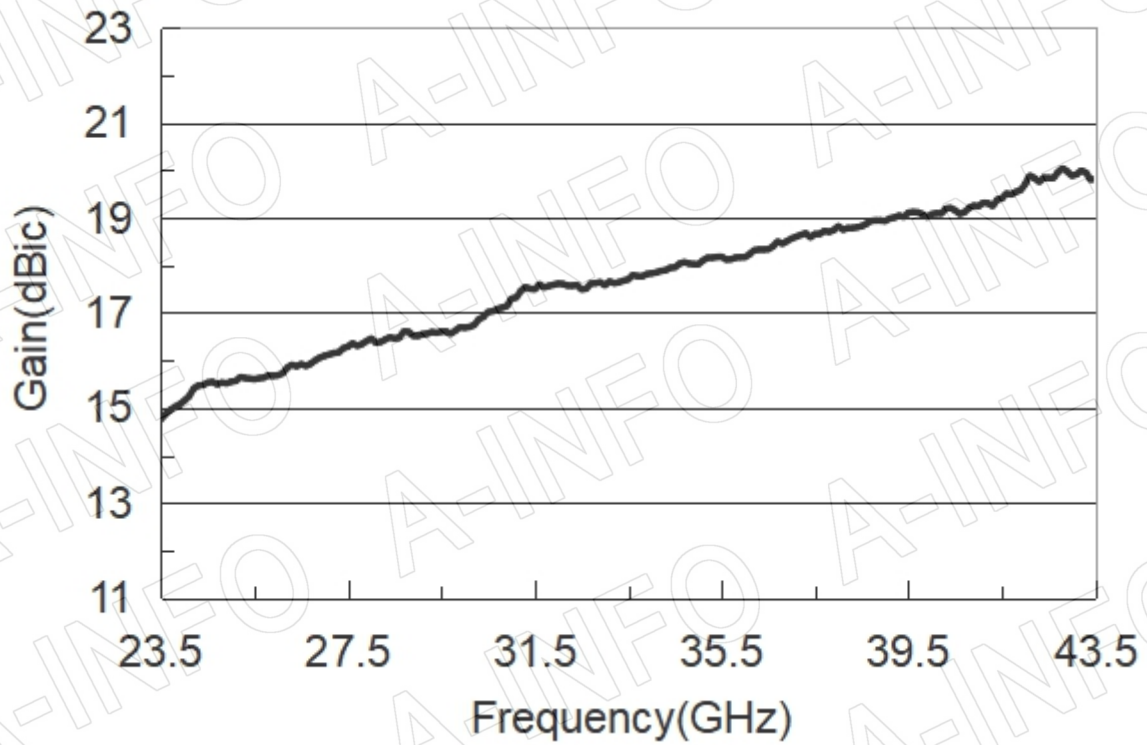
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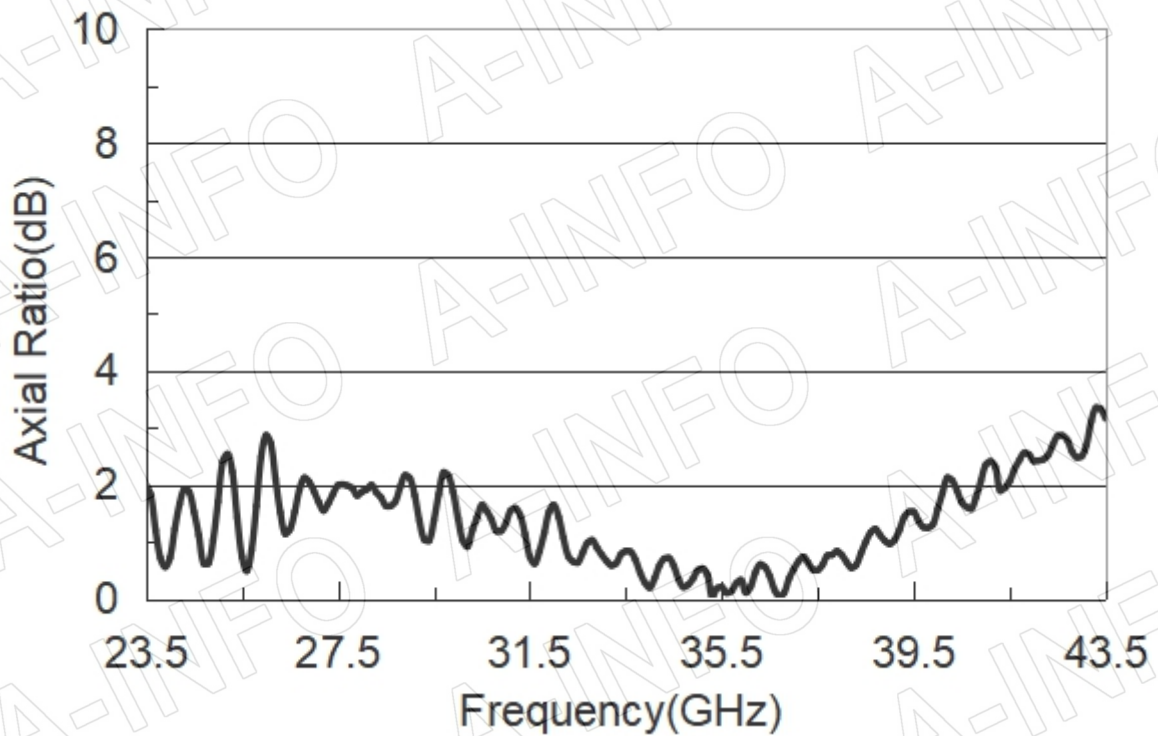
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

### 1. Gain

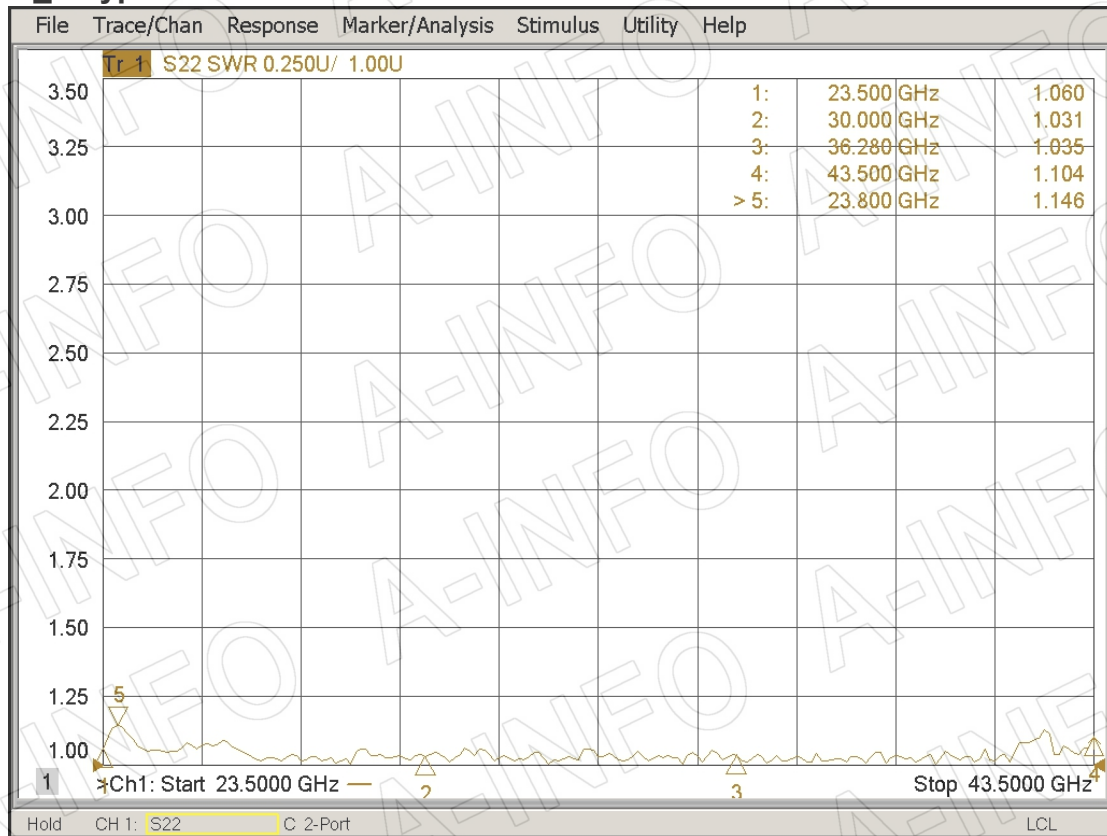


### 2. Axial Ratio

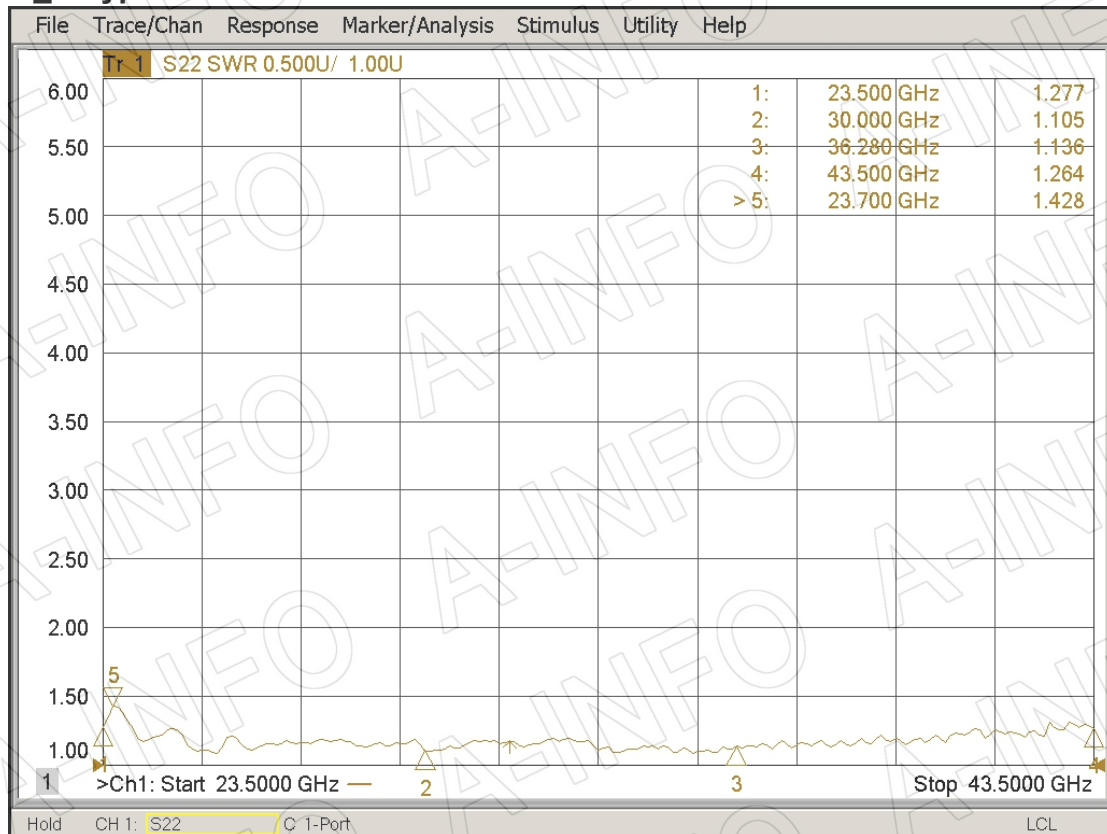




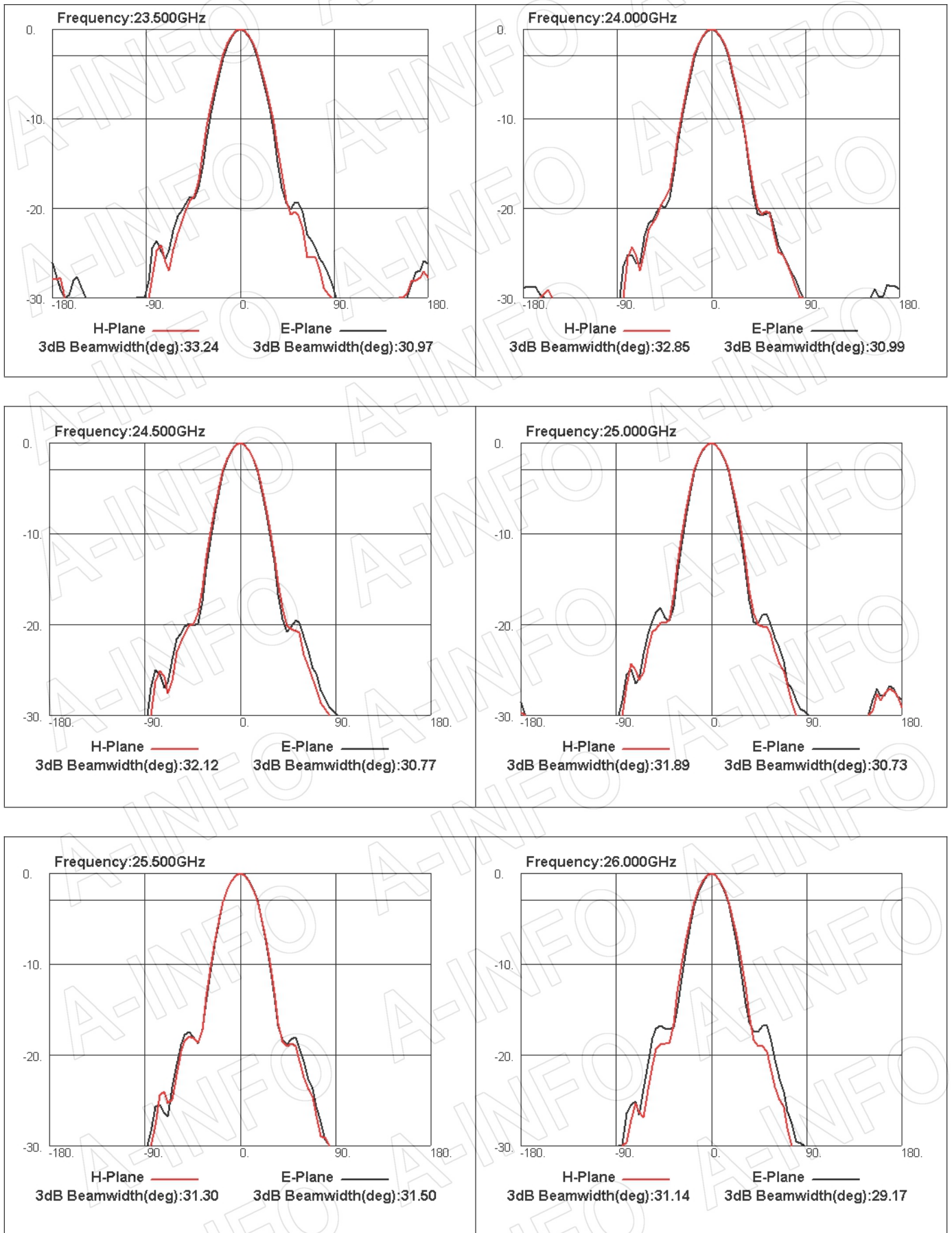
### 3. VSWR\_A Type



### VSWR\_C Type



## 4. Pattern



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