

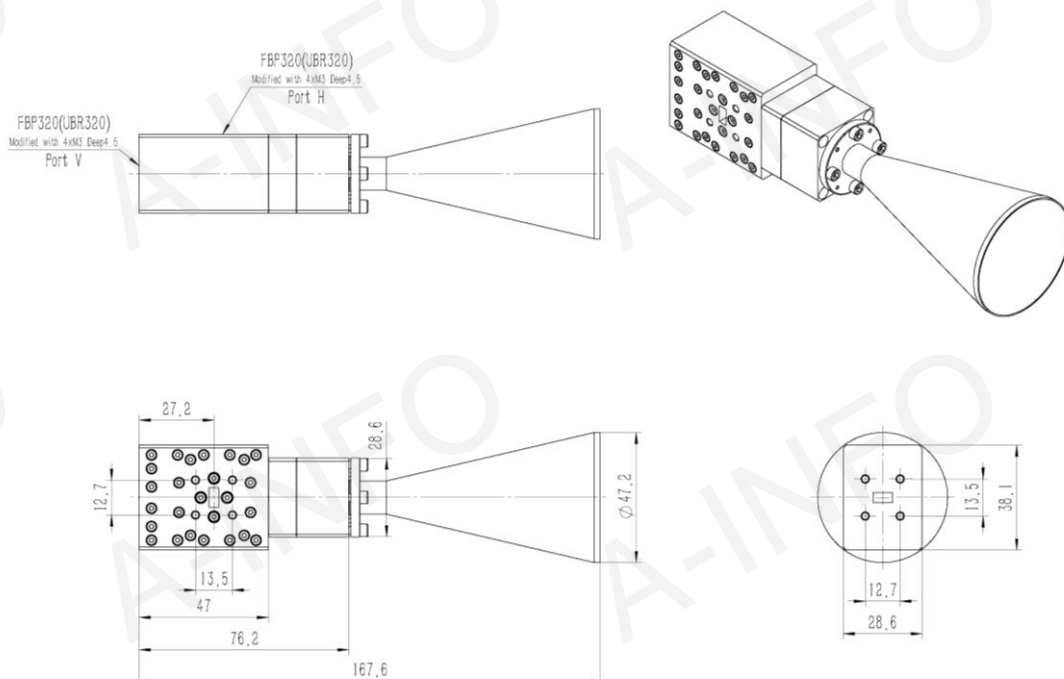
Technical Specification



| | | |
|----------------------------|--------------------|---|
| Frequency Range(GHz) | A Type, WG output: | 23.5 - 43.5 |
| | C Type, 2.4mm-F: | 23.5 - 43.5 |
| | C Type, 2.92mm-F: | 23.5 - 40.0 |
| Waveguide | WR28 | |
| Gain(dBi) | 20 Typ. | |
| Polarization | Dual Linear | |
| 3dB Beamwidth(deg) | E Plane: | 12 Typ. |
| | H Plane: | 15 Typ. |
| Cross Pol. Isolation(dB) | 50 Typ. | |
| | 40 Min. | |
| Port to Port Isolation(dB) | 50 Typ. | |
| | 40 Min. | |
| VSWR | A Type: | 2.0:1 Max. |
| | C Type: | 2.2:1 Max. |
| Output | A Type: | FBP320(UBR320) (Modified with 4xM3 D4.5) |
| | C Type: | 2.4mm-Female or 2.92mm-Female |
| Material | Al | |
| Size(mm) | A Type: | 47.2 x 47.2 x 167.6 |
| | C Type: | 60.76 x 47.2 x 190.48 |
| Net Weight(Kg) | A Type: | 0.23 Around |
| | C Type: | 0.31 Around |

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CNH-28-20-T62-A)



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
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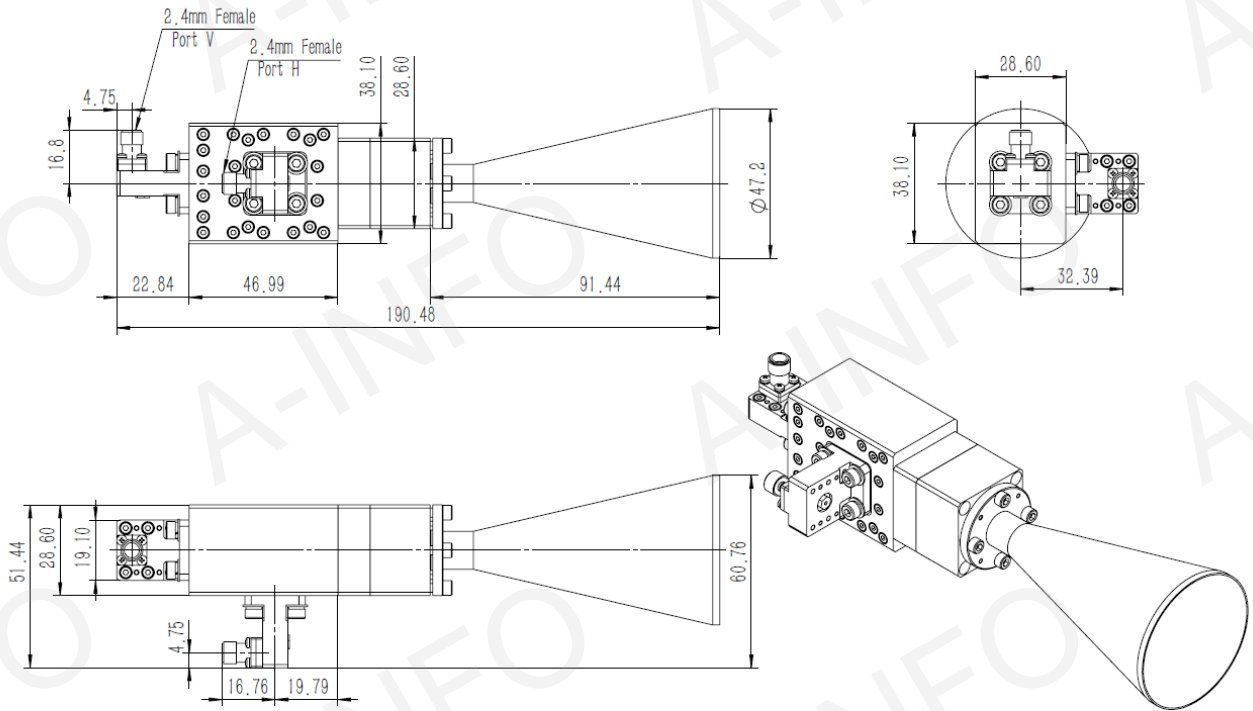
Page 1 of 11

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

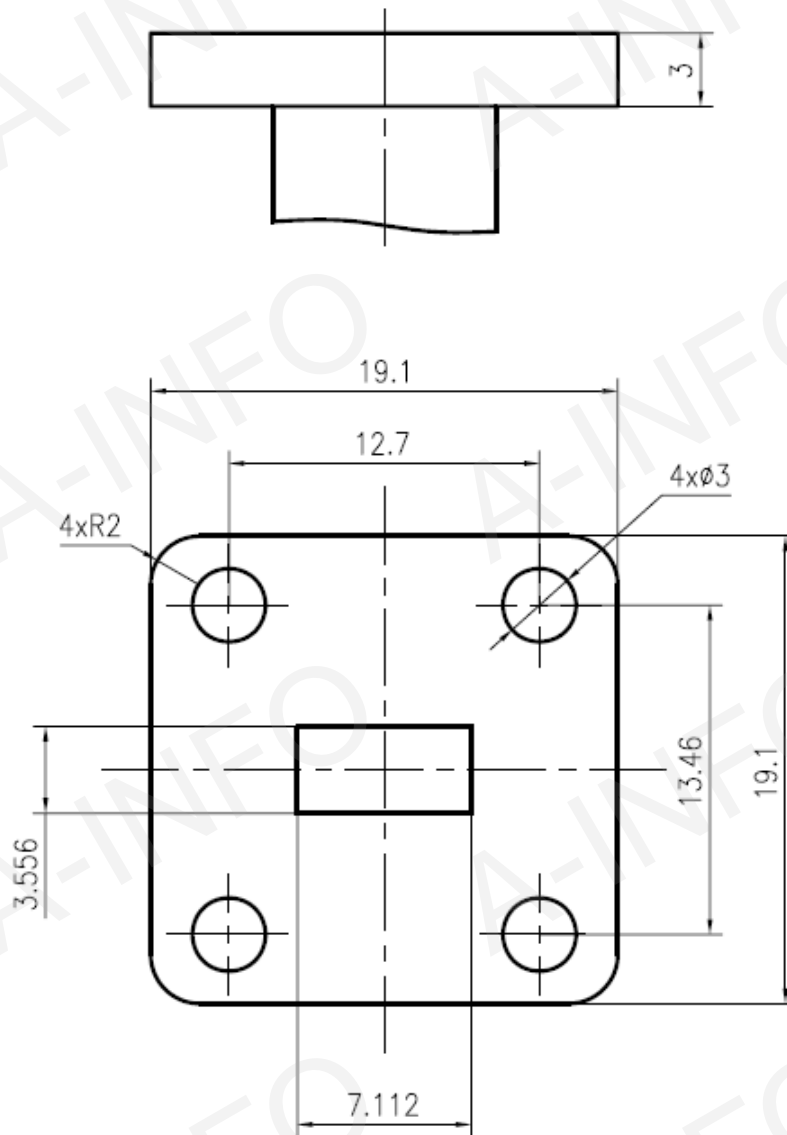
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.4mm-Female Output (P/N: LB-CNH-28-20-T62-C-2.4F)

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



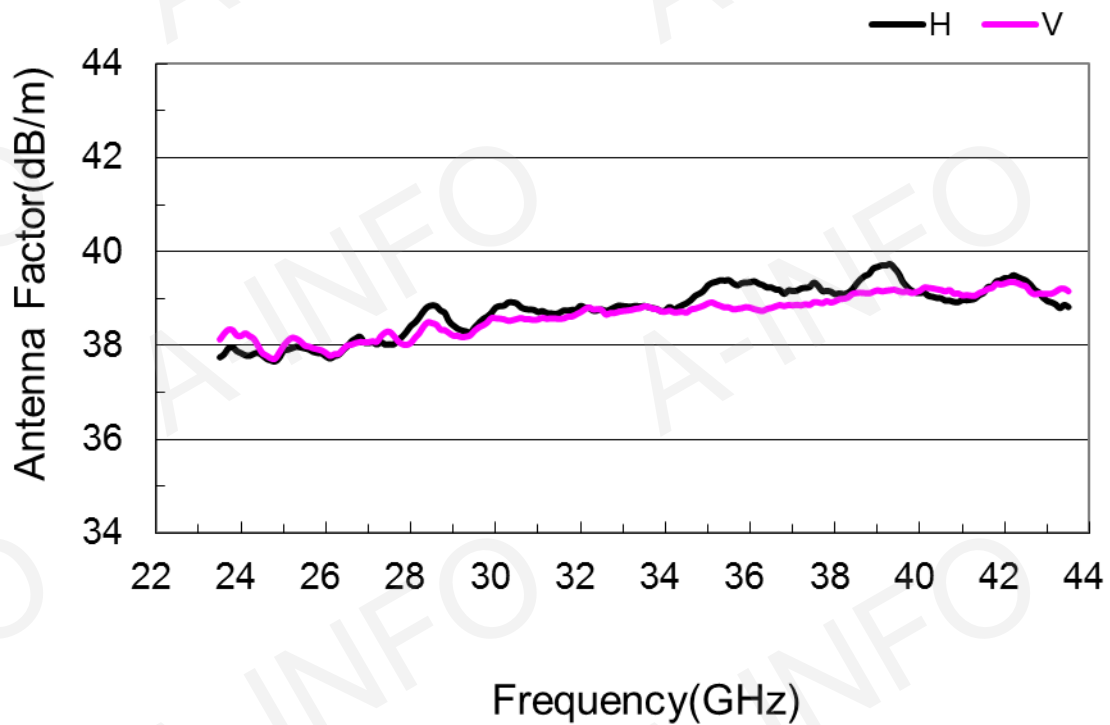
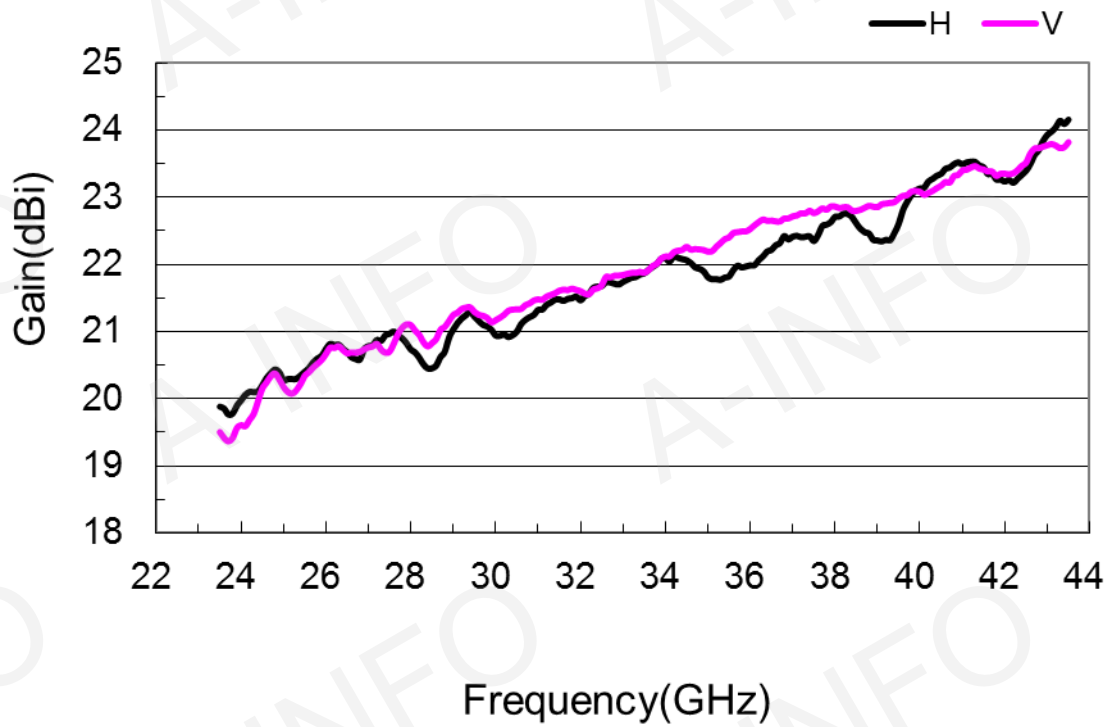
Flange Drawing (Size: mm)



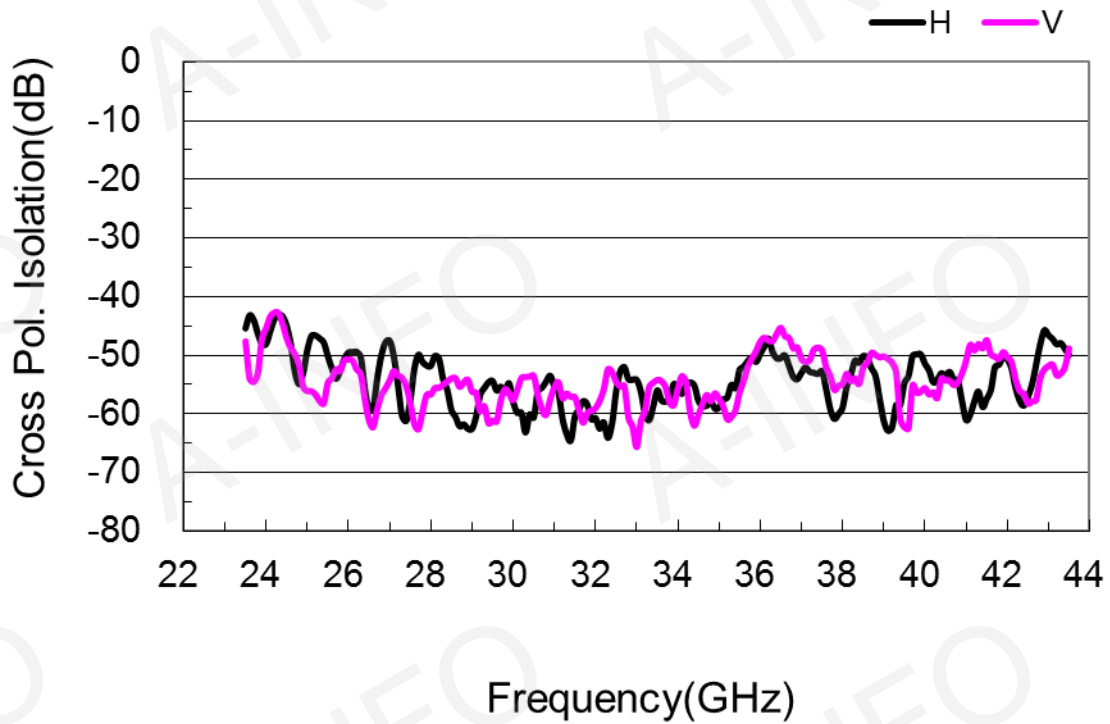
FBP320

Test Results

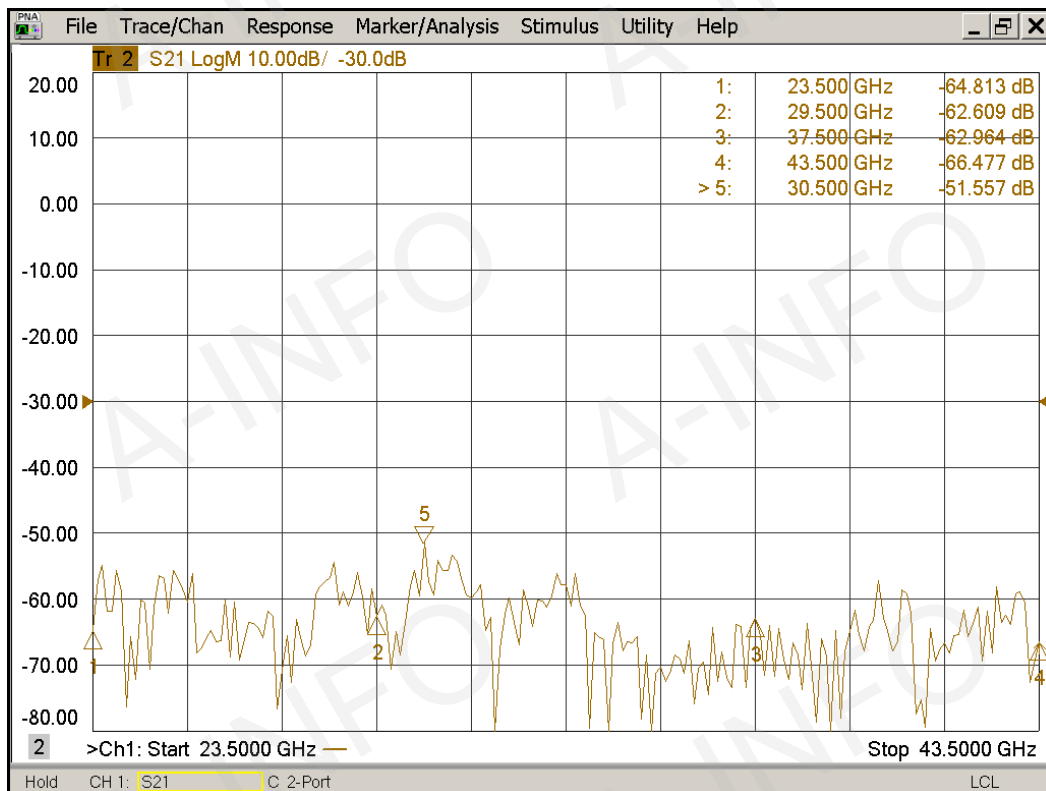
1. Gain & Antenna Factor



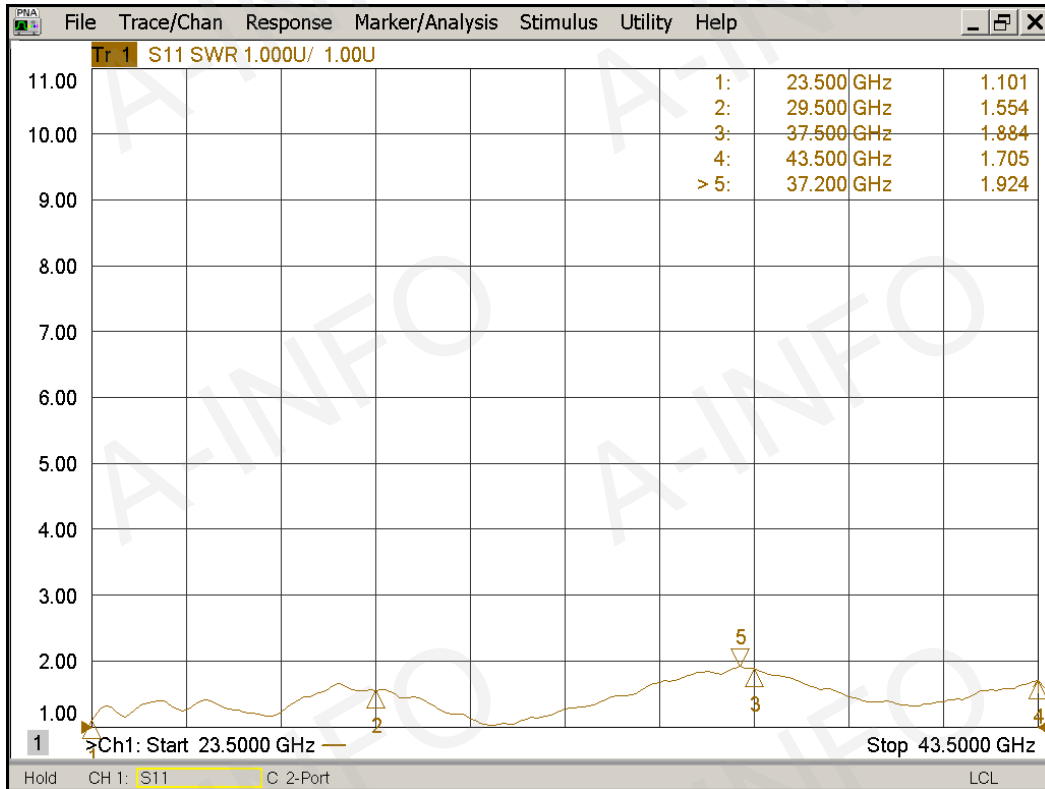
2. Cross Polarization Isolation



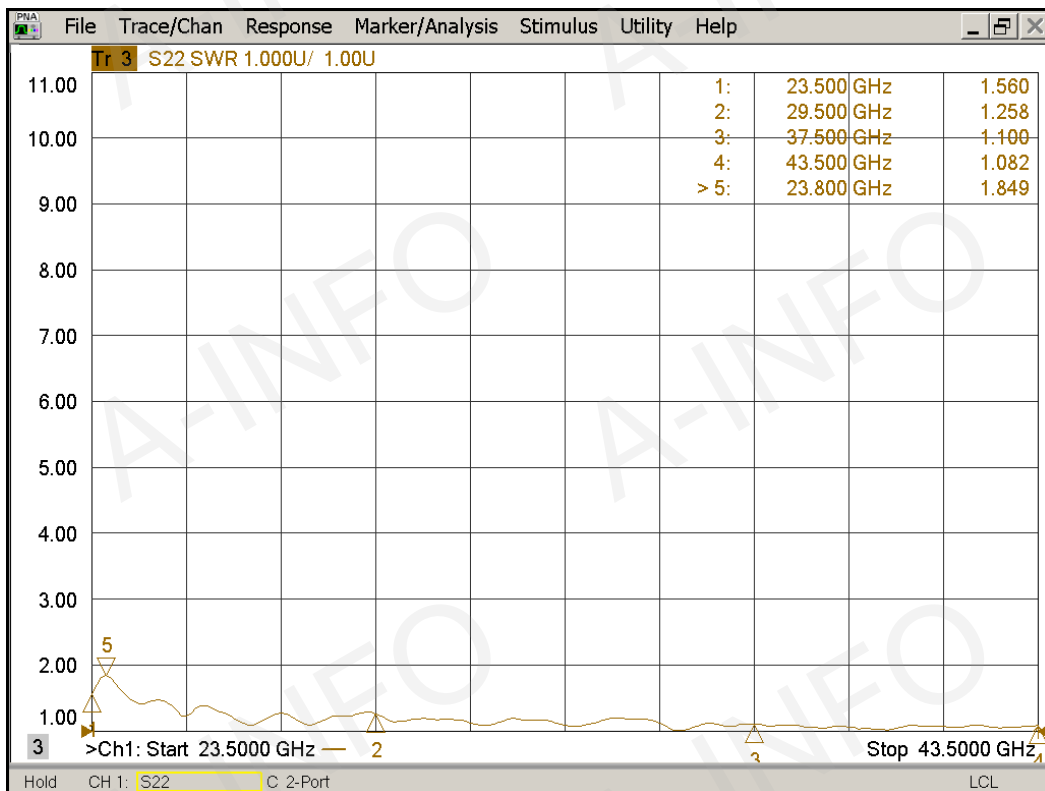
3. Port to Port Isolation



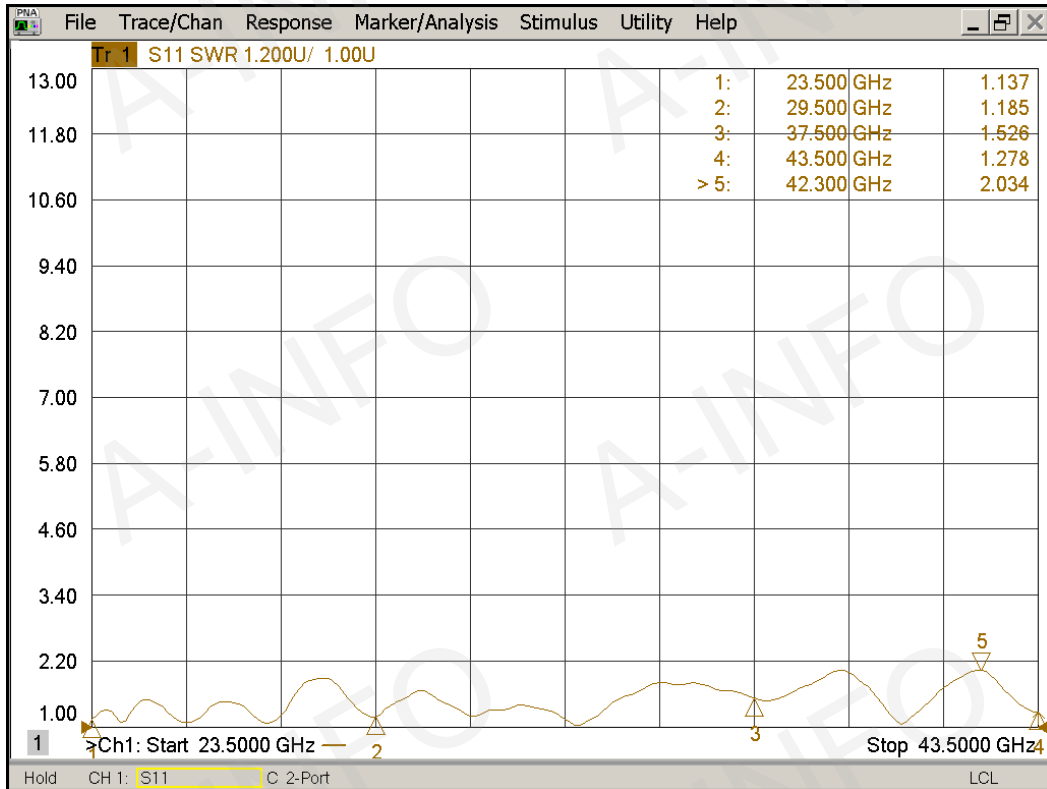
4. VSWR_A Type Port-H



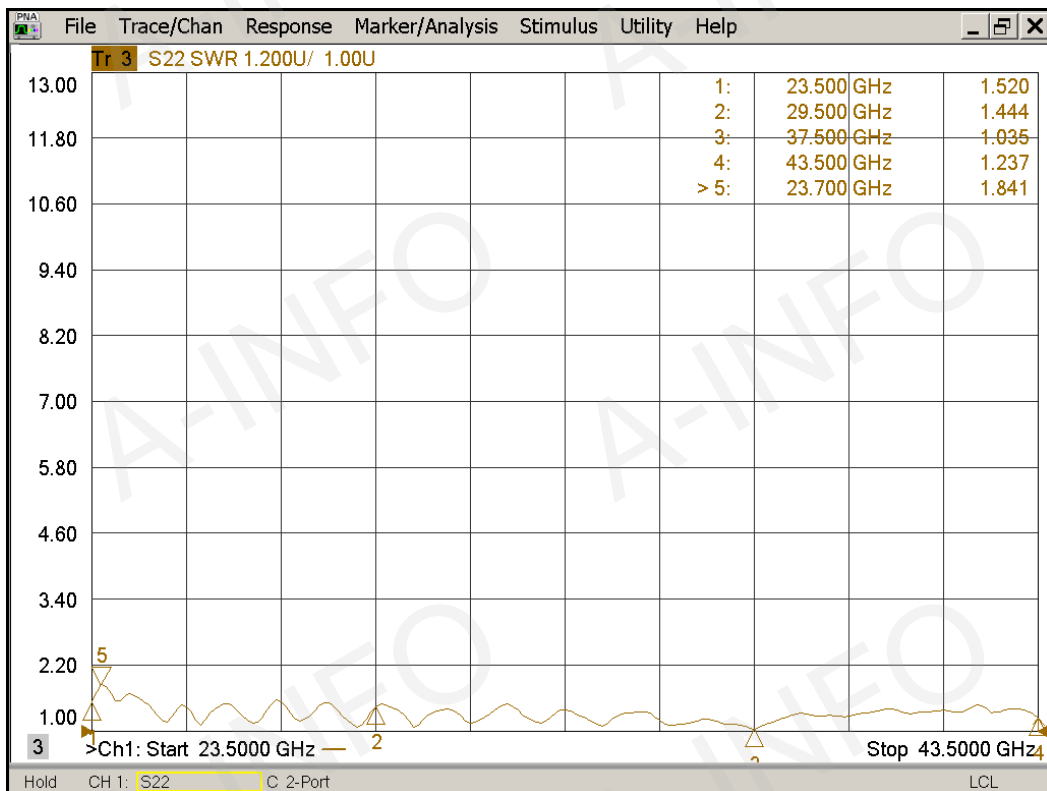
Port-V



VSWR_C Type
Port-H



Port-V



5. Pattern

