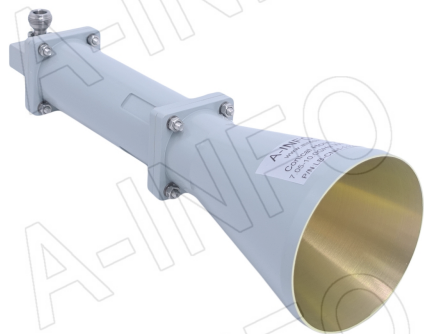


For reference only. See data sheet for the detailed specifications.

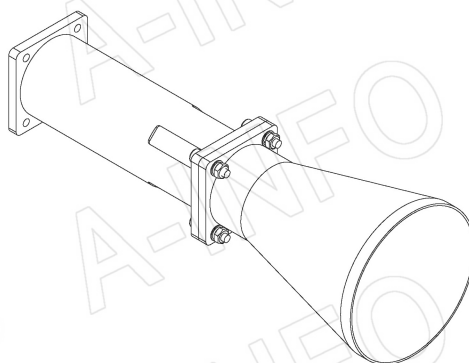
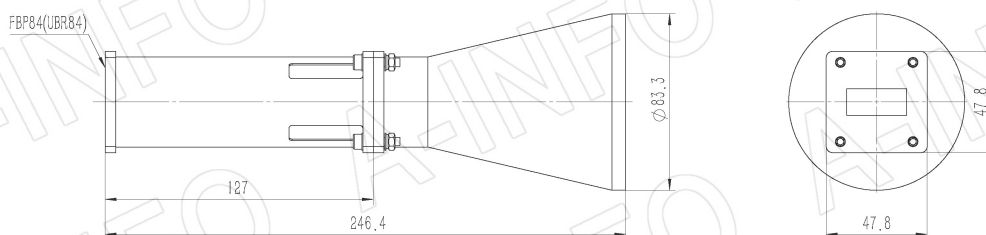
Technical Specification



| | |
|--------------------------|---|
| Frequency Range(GHz) | 7.05 – 10.0 |
| Waveguide | WR112 |
| Gain(dBi) | 15 Typ. |
| Polarization | Linear |
| 3dB Beamwidth(deg) | E Plane: 25 Typ. |
| | H Plane: 31 Typ. |
| Cross Pol. Isolation(dB) | 45 Typ. |
| VSWR | A Type: 1.20:1 Max. |
| | C Type: 1.50:1 Max. |
| Output | A Type: FBP84(UBR84) |
| | C Type: N-Female or SMA-Female or TNC-Female or 7mm or 3.5mm-Female |
| Material | Al |
| Finish | Chemical Conversion Coating, Gray Paint |
| Size(mm) | A Type: 83.3 x 83.3 x 246.4 |
| | C Type: 83.3 x 83.3 x 286.4 |
| Net Weight(Kg) | A Type: 0.50 Around |
| | C Type: 0.57 Around |

Outline Drawing (Size: mm)

FBP84 Output (P/N: LB-CNH-112-15-A)



AINFO Inc.

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

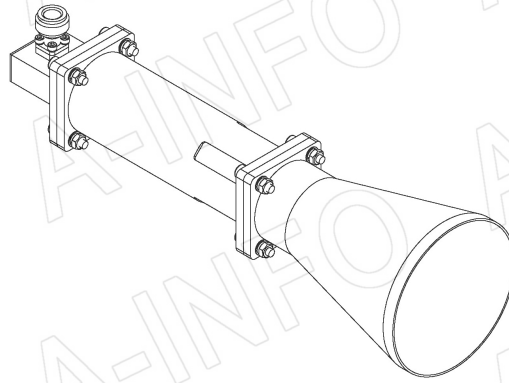
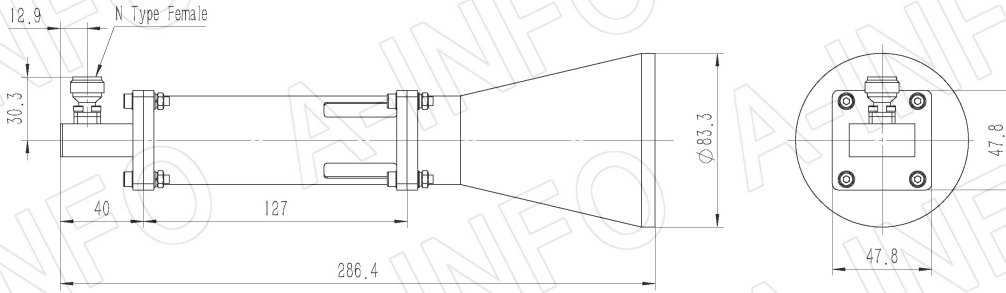
Page 1 of 8

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

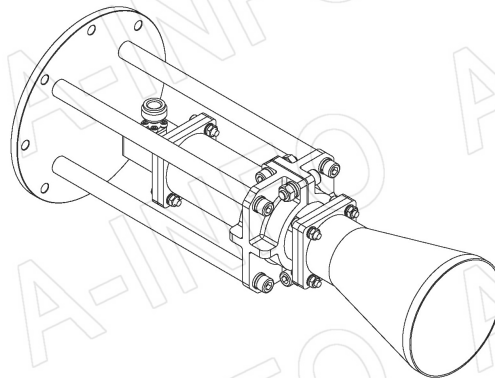
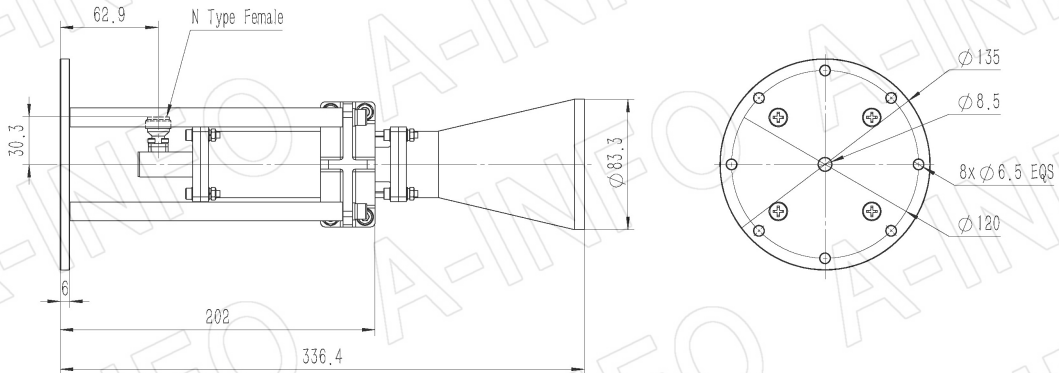
N-Female Output (P/N: LB-CNH-112-15-C-NF)

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-CNH-112-10-MB)

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



AINFO Inc.

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

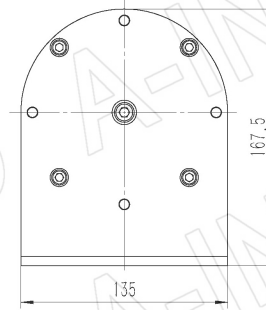
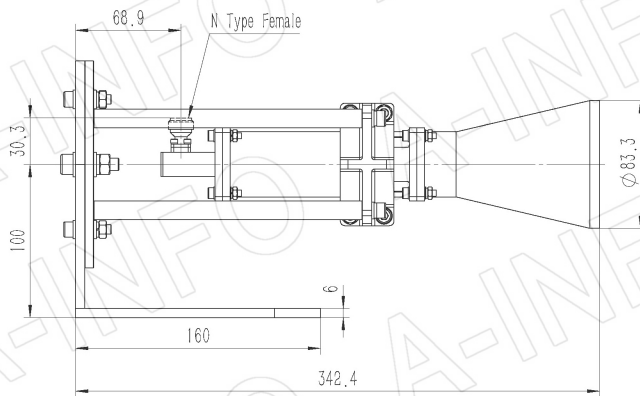
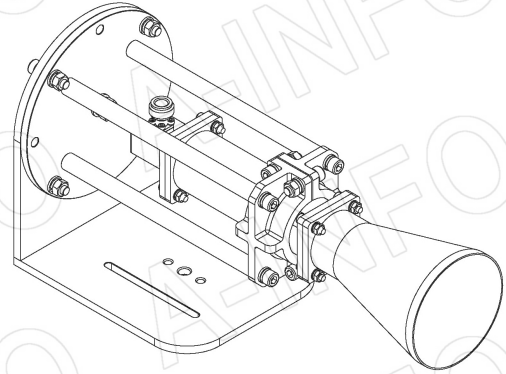
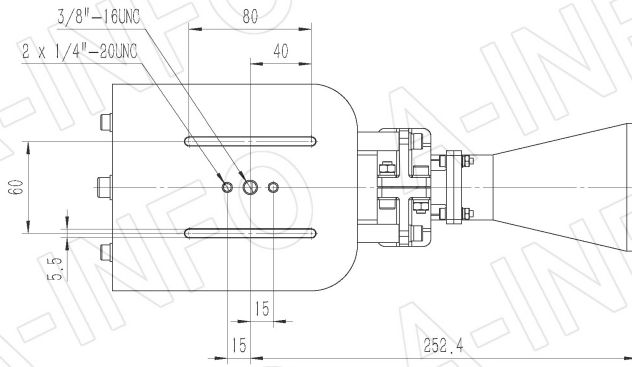
Page 2 of 8

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
 (+86) 28-8519-3044 Fax: (+86) 28-8519-3068
 (+1) 949-639-9608 Fax: (+1) 949-639-9670

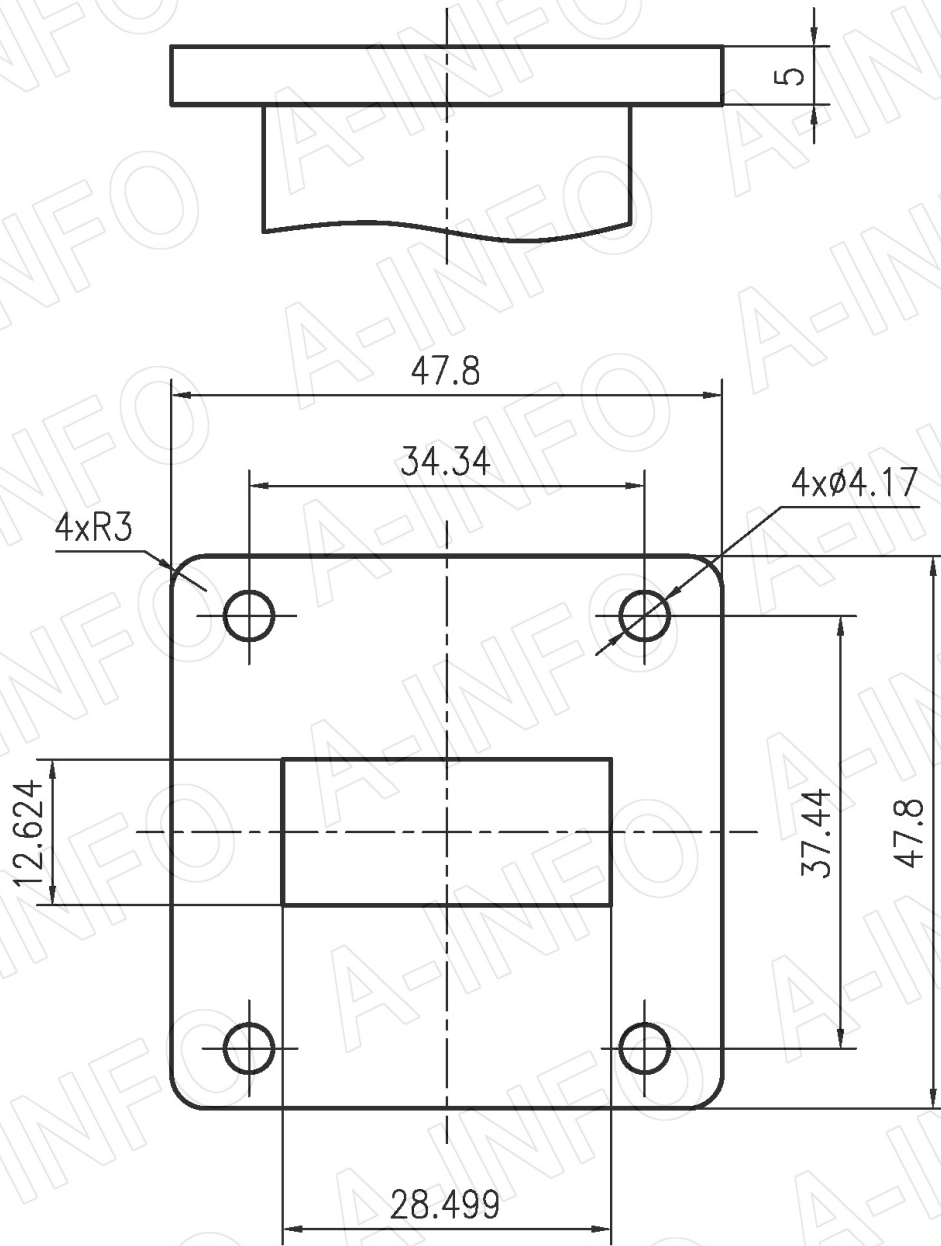
Website: www.ainfoinc.com
 Email: sales@ainfoinc.com

N-Female Output with L Type Mounting Bracket (Option, P/N: LB-CN-112-10-MBL)

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



Flange Drawing (Size: mm)



FBP84

AINFO Inc.

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

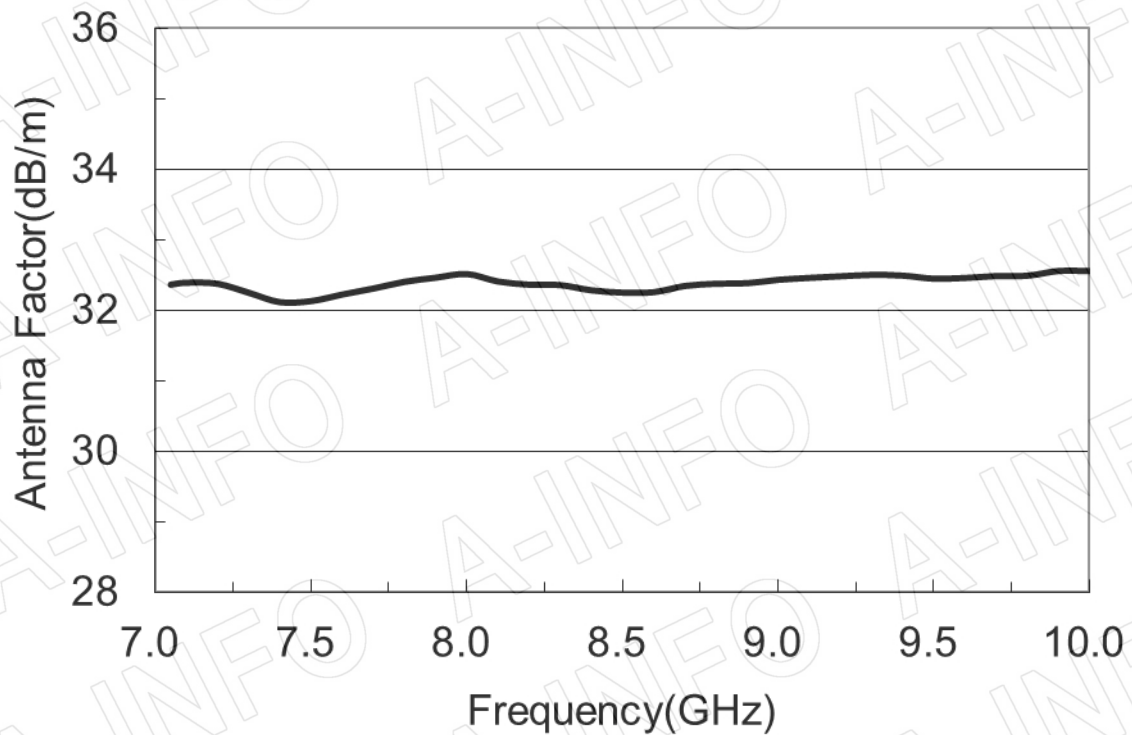
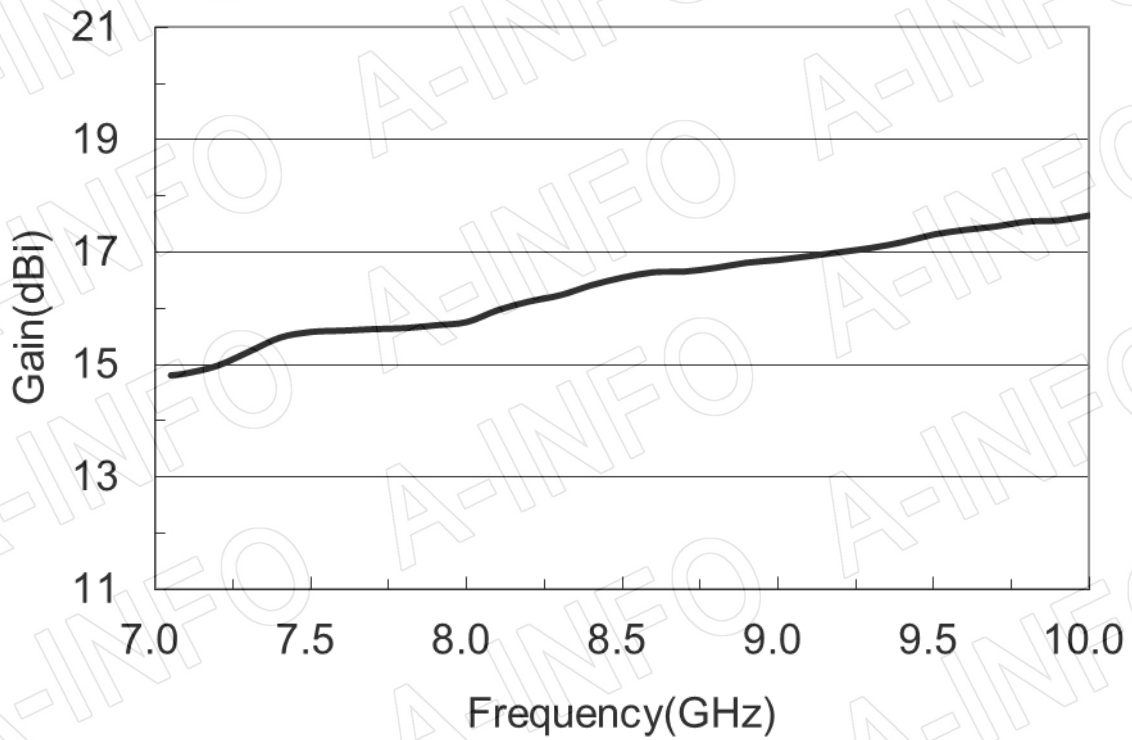
Page 4 of 8

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

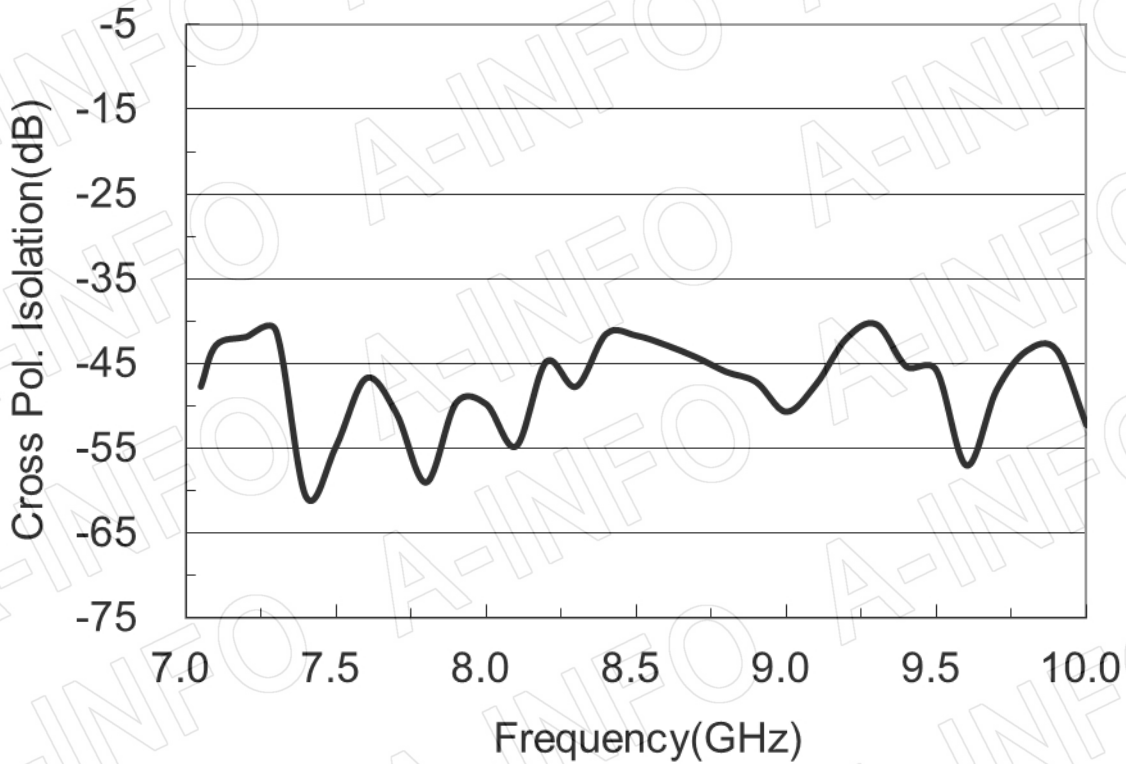
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

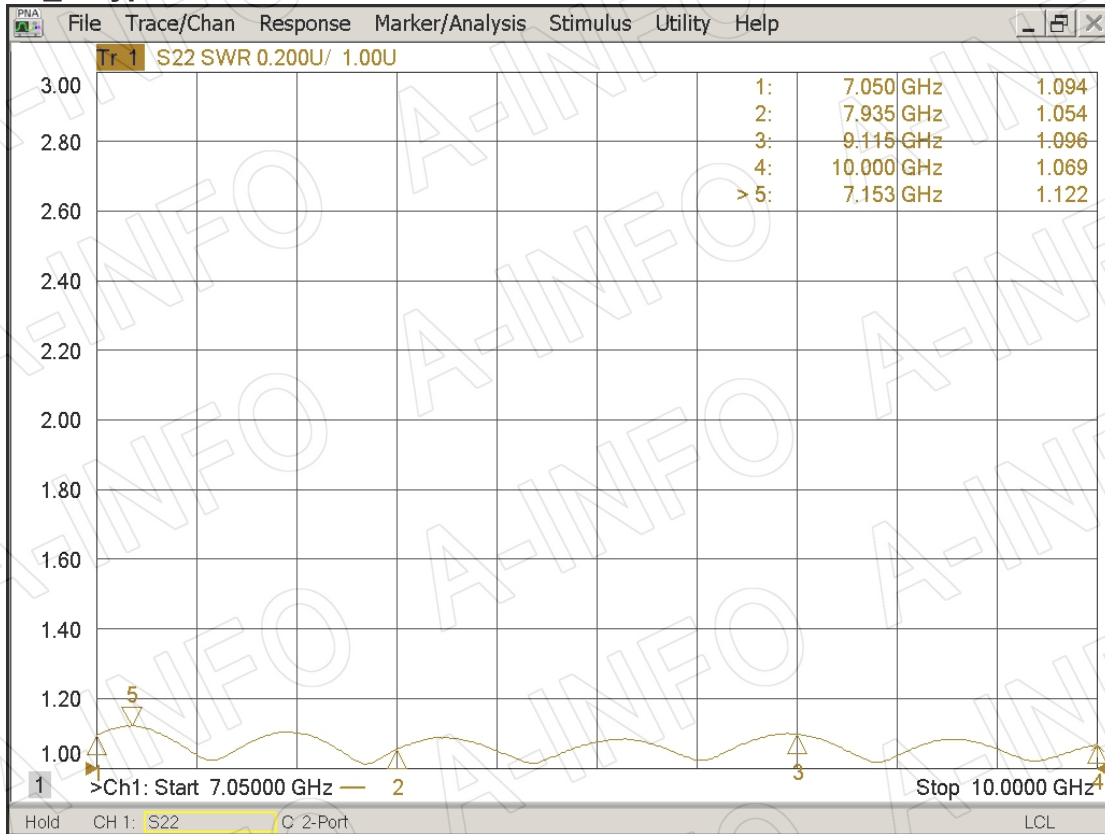
1. Gain & Antenna Factor



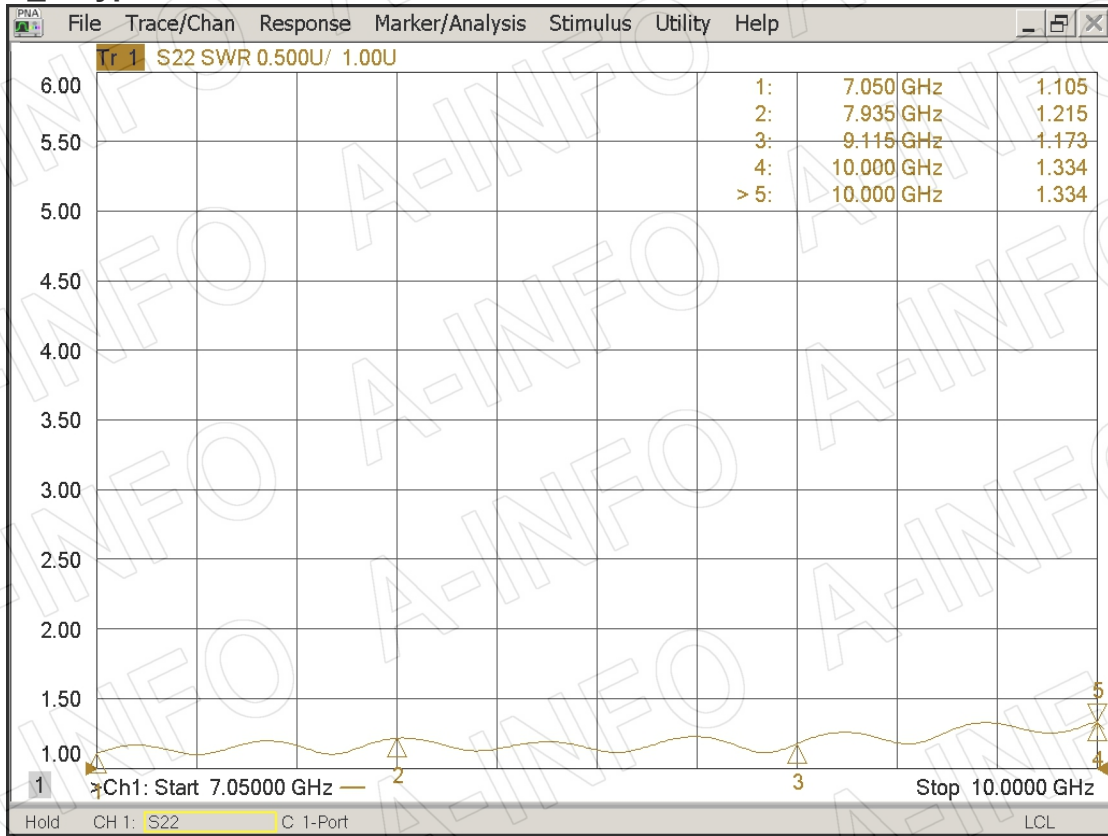
2. Cross Polarization Isolation



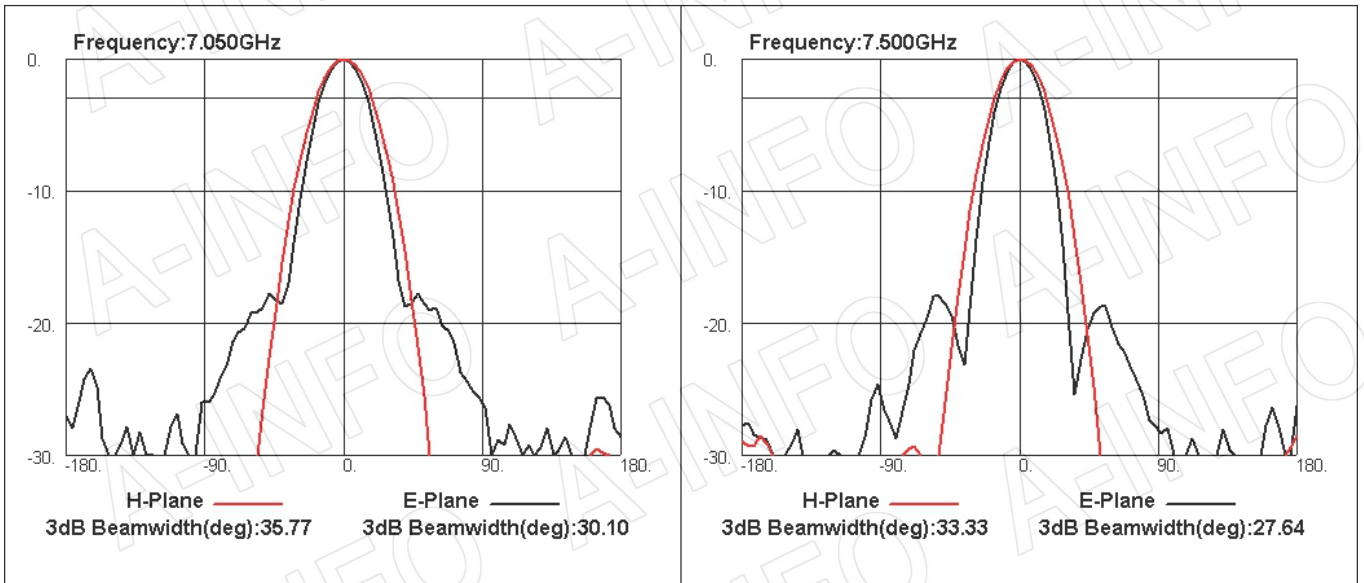
3. VSWR_A Type



VSWR_C Type



4. Pattern



AINFO Inc.

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

Page 7 of 8
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

