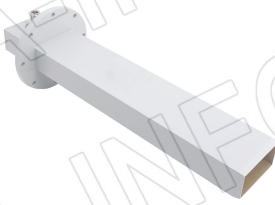


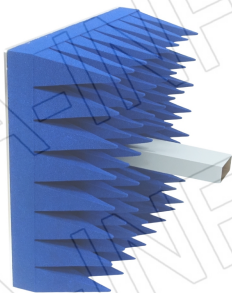
For reference only. See data sheet for the detailed specifications.

## Technical Specification

284EWGN



284EWGN-A1

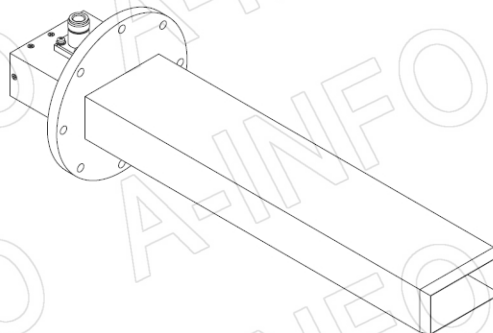
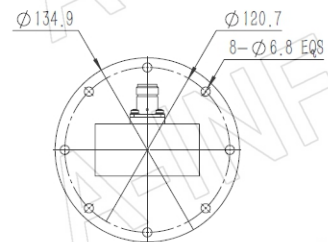
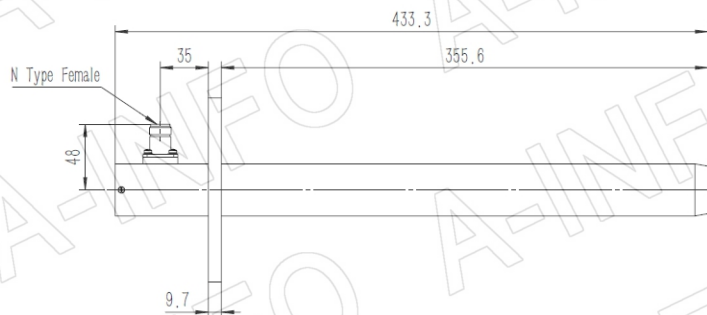


|                          |                                             |
|--------------------------|---------------------------------------------|
| Frequency Range(GHz)     | 2.60 - 3.95                                 |
| Waveguide                | WR284                                       |
| Gain(dBi)                | 5 Typ.                                      |
| Polarization             | Linear                                      |
| 3dB Beamwidth(deg)       | E Plane: 94 Typ.                            |
|                          | H Plane: 60 Typ.                            |
| Cross Pol. Isolation(dB) | 30 Typ.                                     |
| VSWR                     | 2.0:1 Typ.                                  |
| Output                   | N-Female<br>or SMA-Female<br>or 7/16-Female |
| Material                 | Al                                          |
| Finish                   | Chemical Conversion Coating,<br>Gray Paint  |
| Size(mm)                 | 284EWGx: 134.9 x 134.9 x 433.3              |
|                          | 284EWGx-A1: 480 x 480 x 433.3               |
| Net Weight(Kg)           | 284EWGx: 0.94 Around                        |
|                          | 284EWGx-A1: 4.61 Around                     |

## Outline Drawing (Size: mm)

### N-Female Output (P/N: 284EWGN)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



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

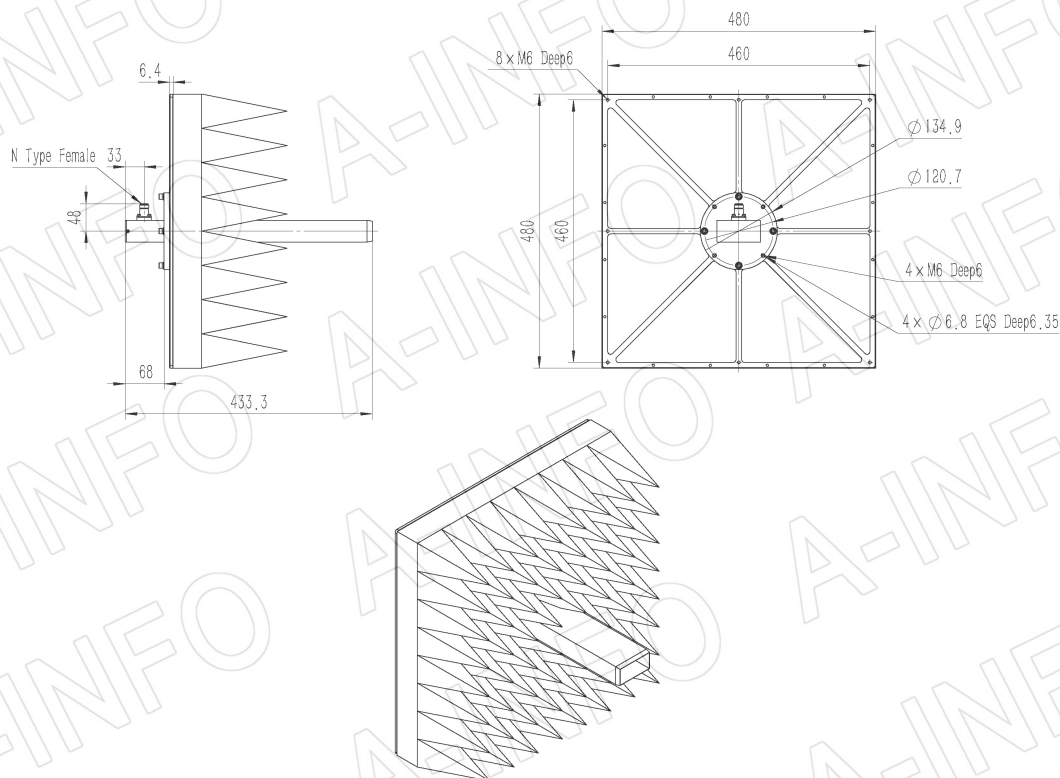
Page 1 of 6

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

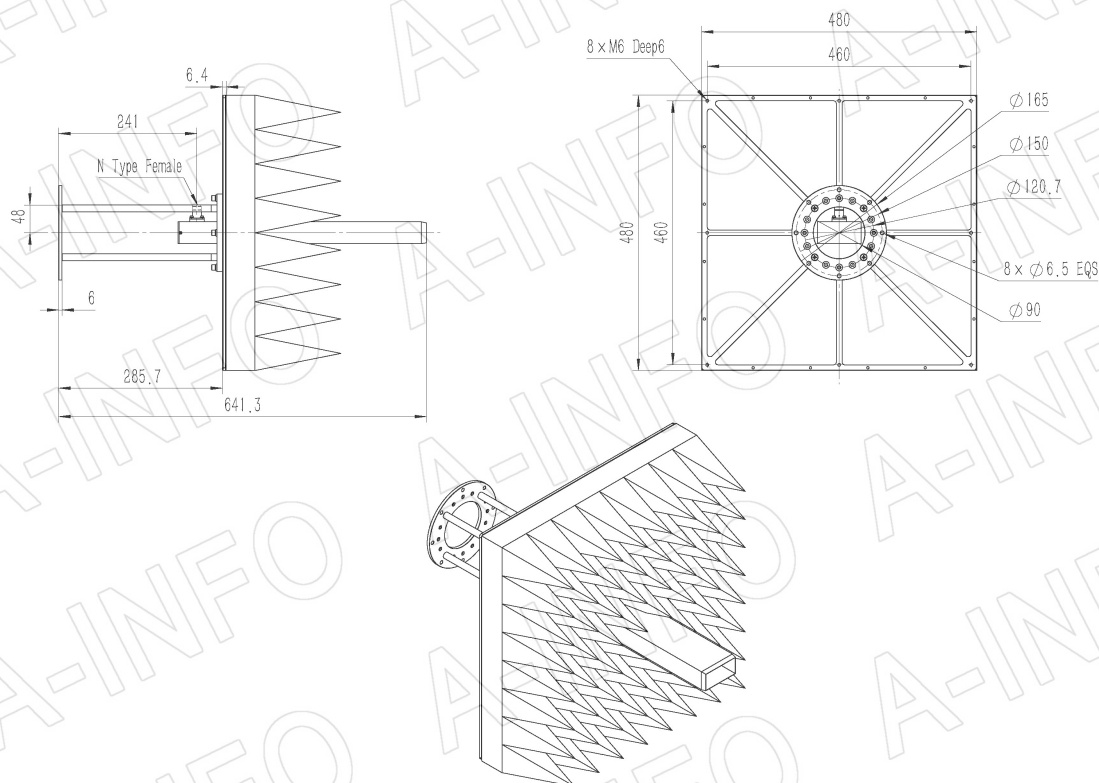
## N-Female Output, Equipped with Absorber (Option, P/N: 284EWGN-A1)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



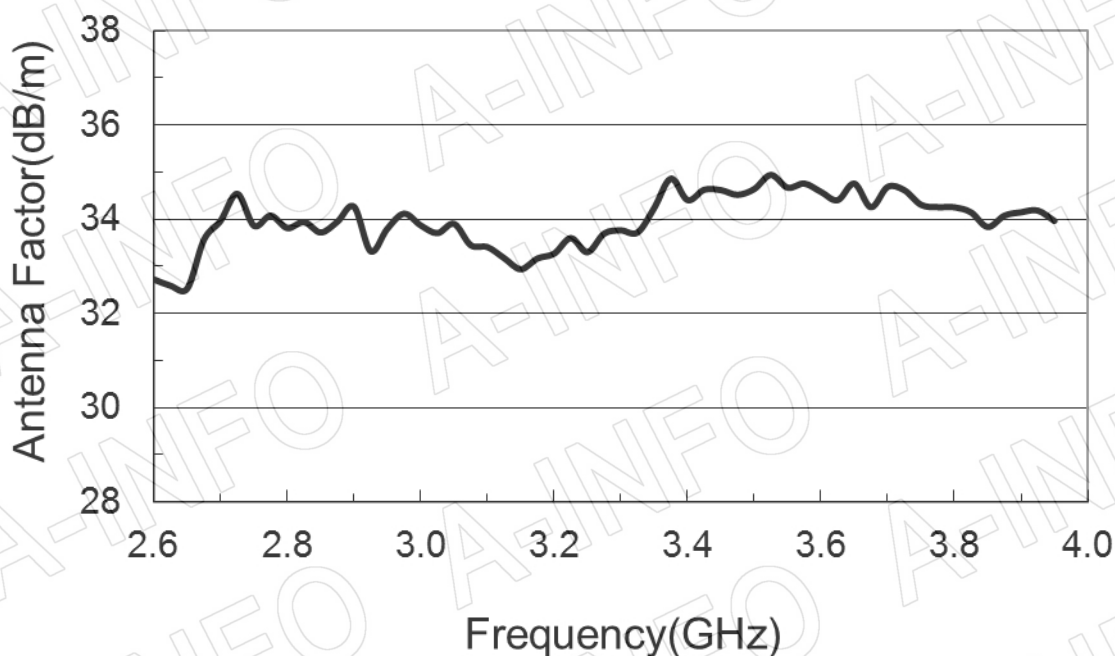
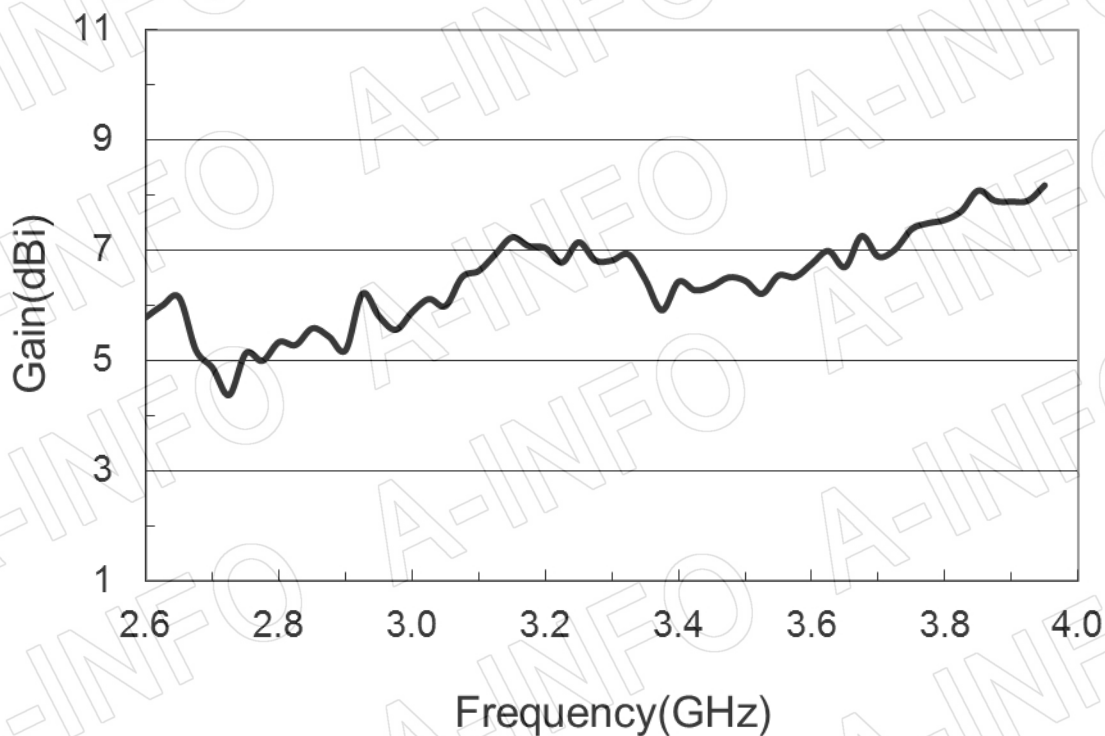
## N-Female Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB10 & 284EWGN-A1)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



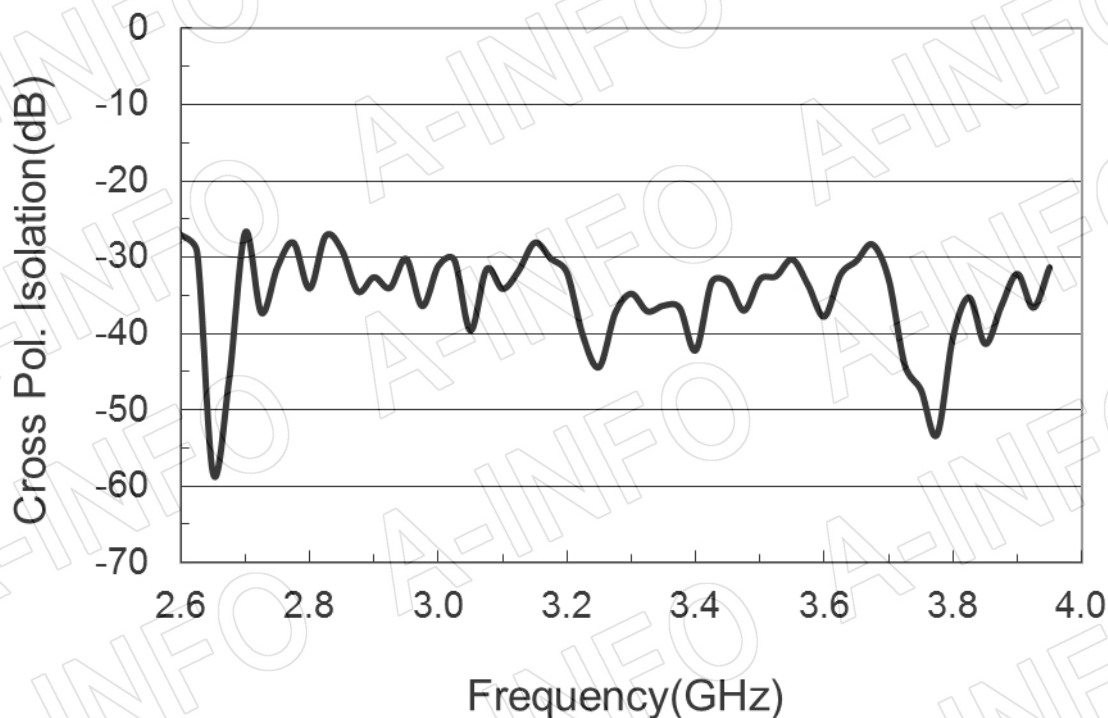
## Test Results

### 1. Gain & Antenna Factor

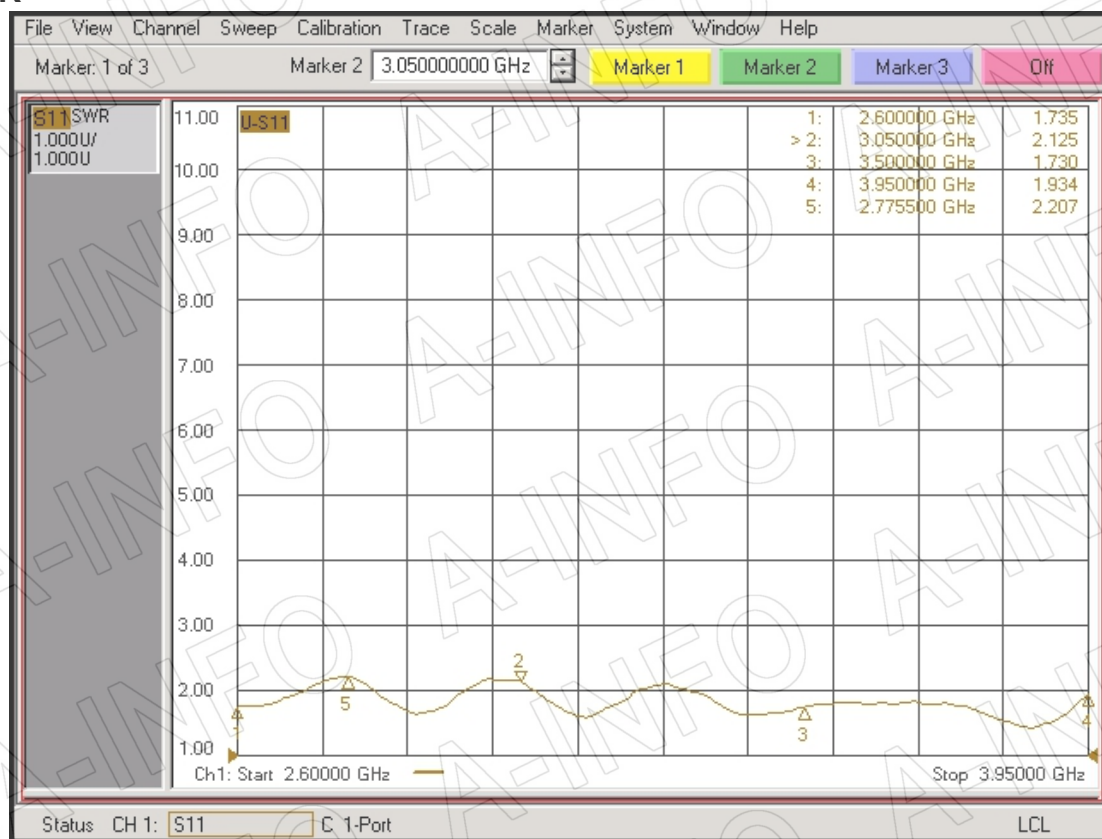




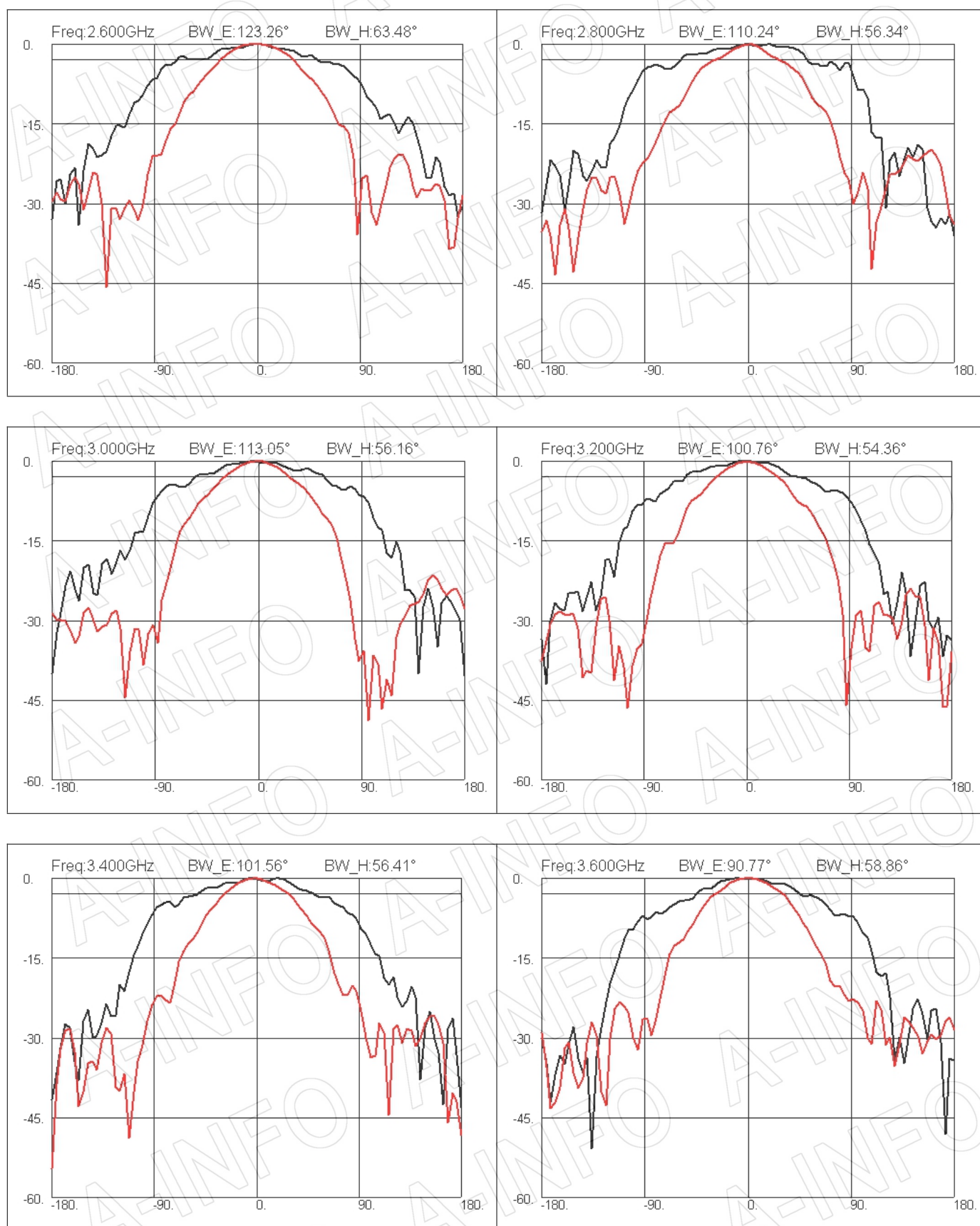
## 2. Cross Polarization Isolation



## 3. VSWR



## 4. Pattern



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Page 5 of 6

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