

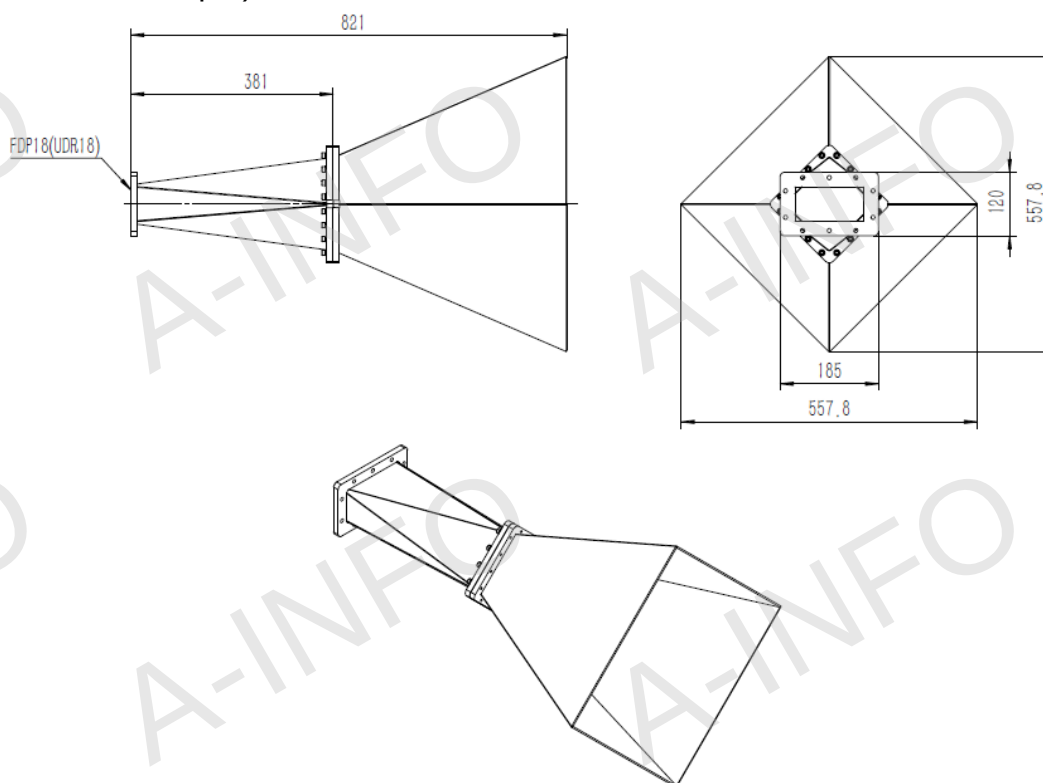
## Technical Specification



|                          |                                |
|--------------------------|--------------------------------|
| Frequency Range(GHz)     | 1.45-2.20                      |
| Waveguide                | WR510                          |
| Gain(dBi)                | 15 Typ.                        |
| Polarization             | Linear                         |
| 3dB Beamwidth(deg)       | E Plane: 27 Typ.               |
|                          | H Plane: 27 Typ.               |
| Sidelobe(dB)             | E Plane: -20 Max.              |
|                          | H Plane: -25 Max.              |
| Cross Pol. Isolation(dB) | -35 Typ.                       |
| VSWR                     | A Type: 1.2:1 Max.             |
|                          | C Type: 1.5:1 Max.             |
| Output                   | A Type: FDP18(UDR18)           |
|                          | C Type: N-Female or SMA-Female |
| Material                 | Al                             |
| Size(mm)                 | A Type: 557.8 x 557.8 x 821    |
|                          | C Type: 557.8 x 557.8 x 932    |
| Net Weight(Kg)           | A Type: 7.0 Around             |
|                          | C Type: 8.0 Around             |

## Outline Drawing (Size: mm)

A Type(With FDP18 Output)



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China(Beijing):  
 China(Chengdu):  
 USA :

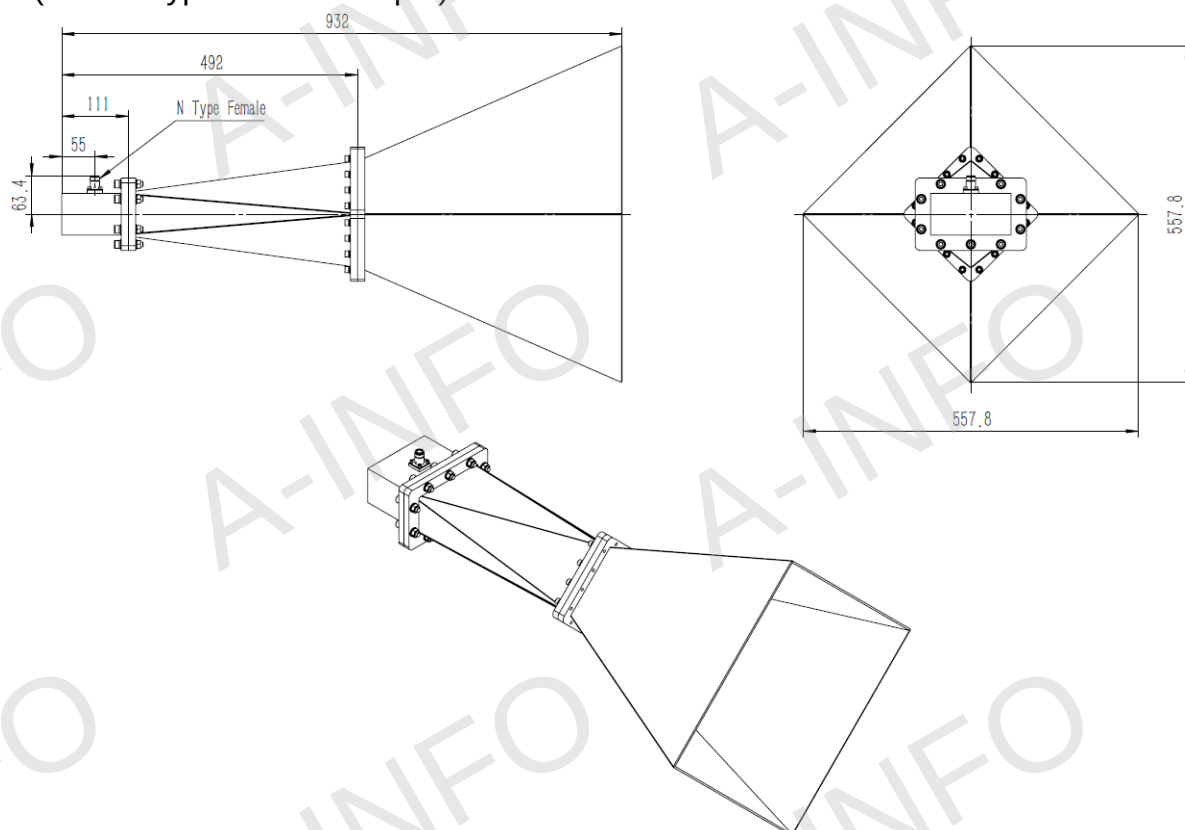
Tel: (+86) 10-6266-7326,  
 Tel: (+86) 28-8519-2786,  
 Tel: (+1) 949-639-9688,

(+86) 10-6266-7327  
 (+86) 28-8519-3044  
 (+1) 949-639-9608

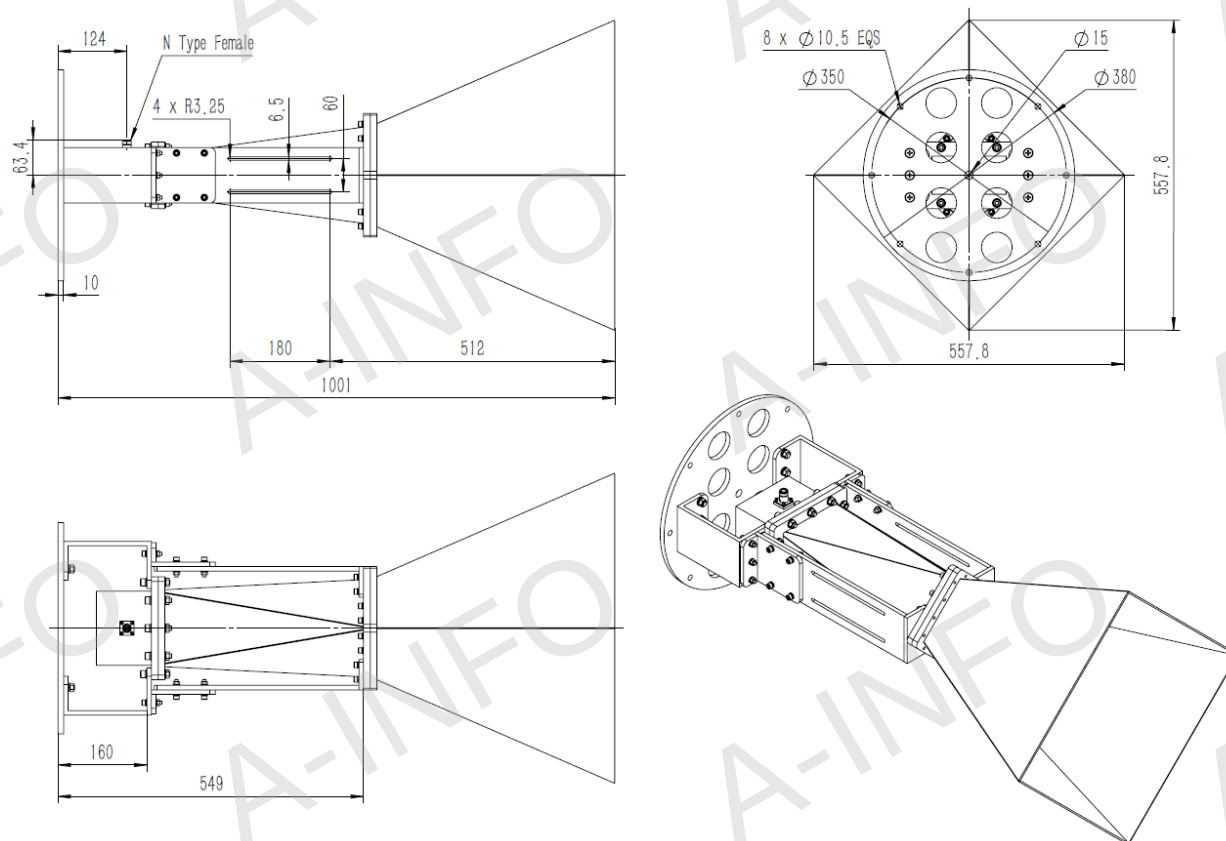
Fax: (+86) 10-6266-7379  
 Fax: (+86) 28-8519-3068  
 Fax: (+1) 949-639-9670

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

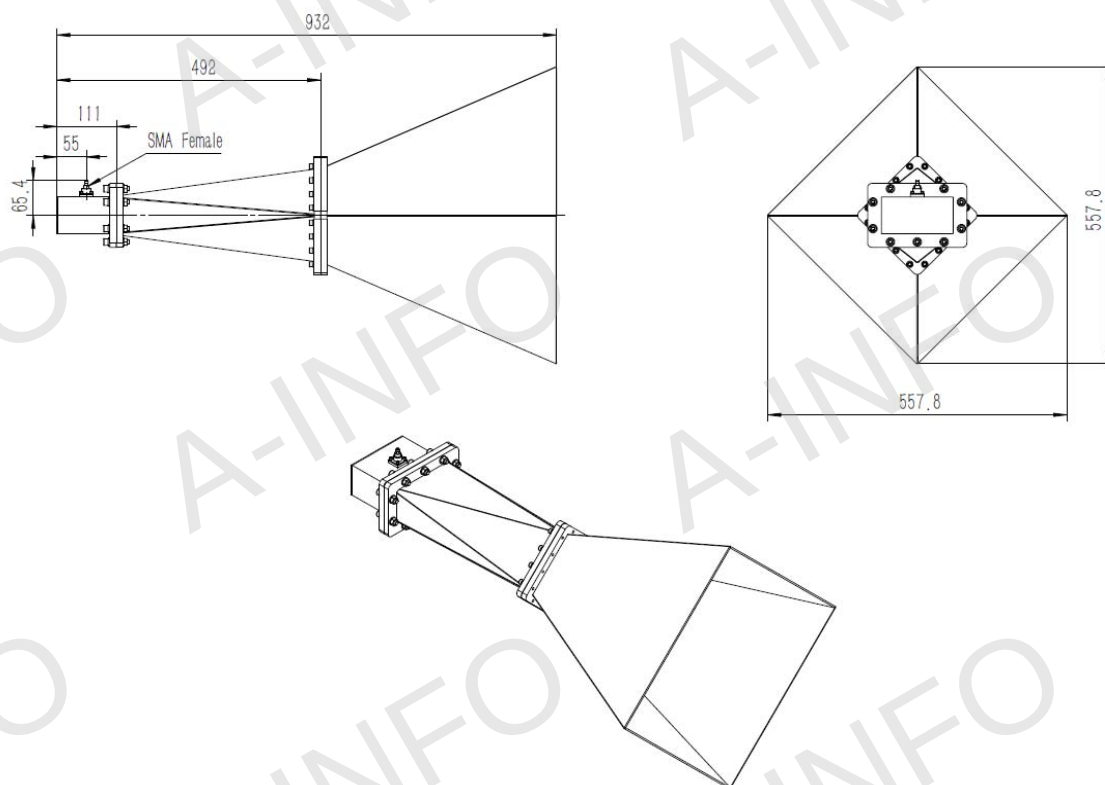
## C Type (With N Type Female Output)



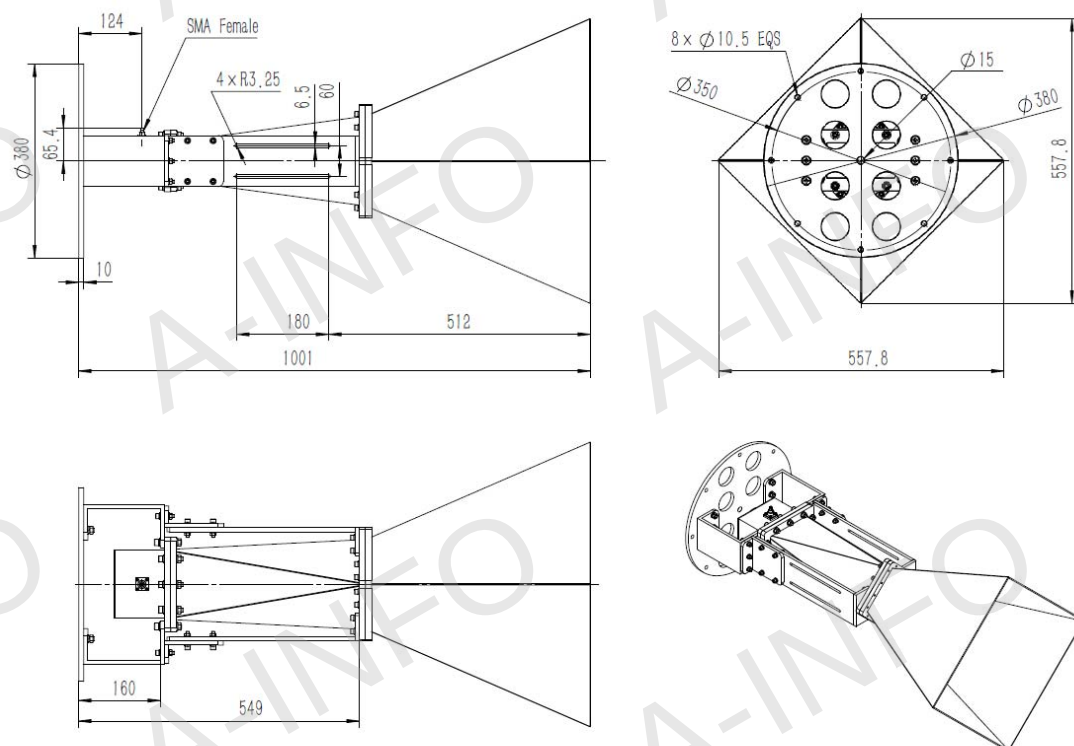
## C Type (With N Type Female Output & Round Mounting Bracket)



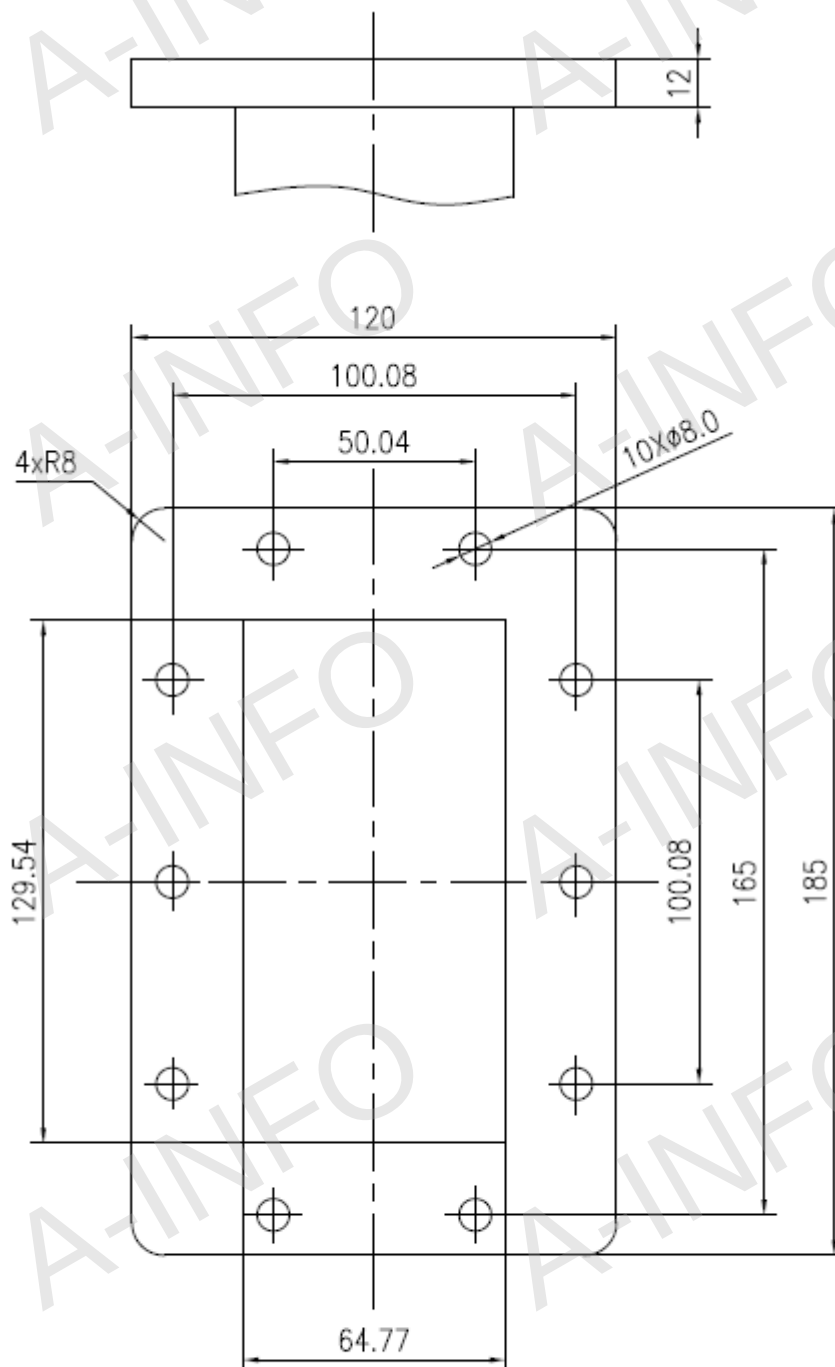
## C Type (With SMA Female Output)



## C Type (With SMA Female Output & Round Mounting Bracket)



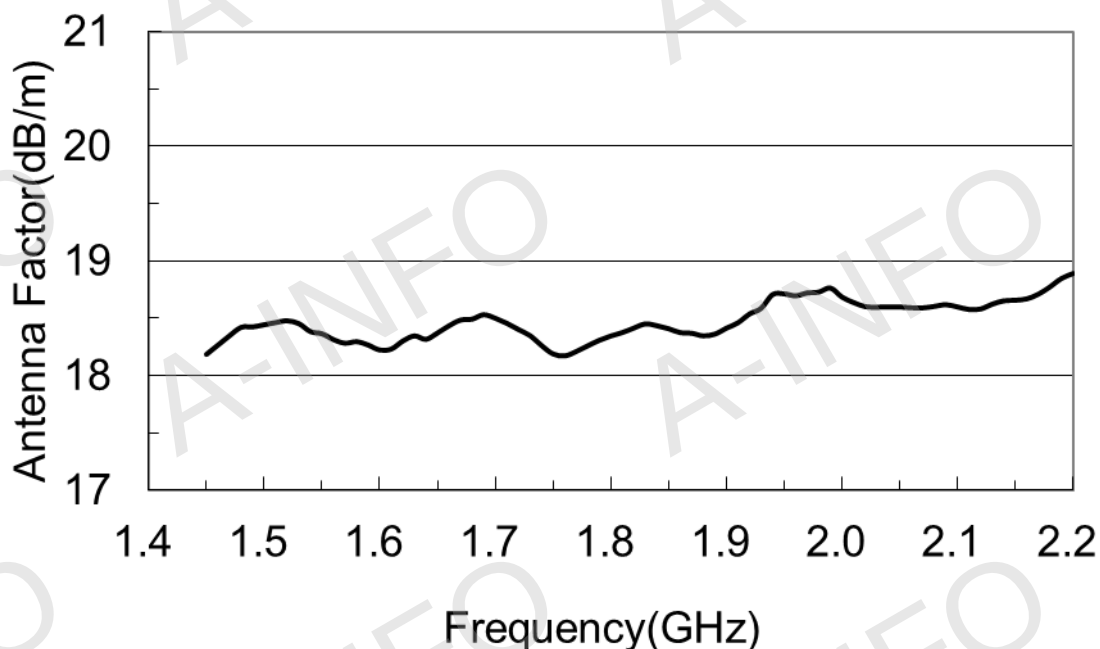
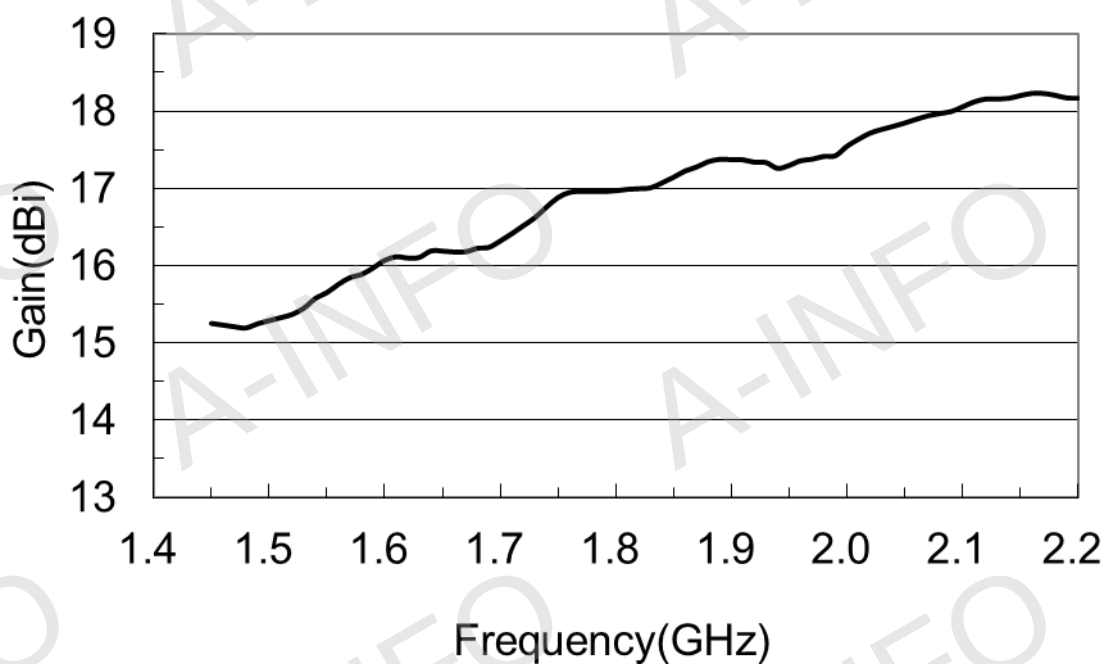
## Flange Drawing (Size: mm)



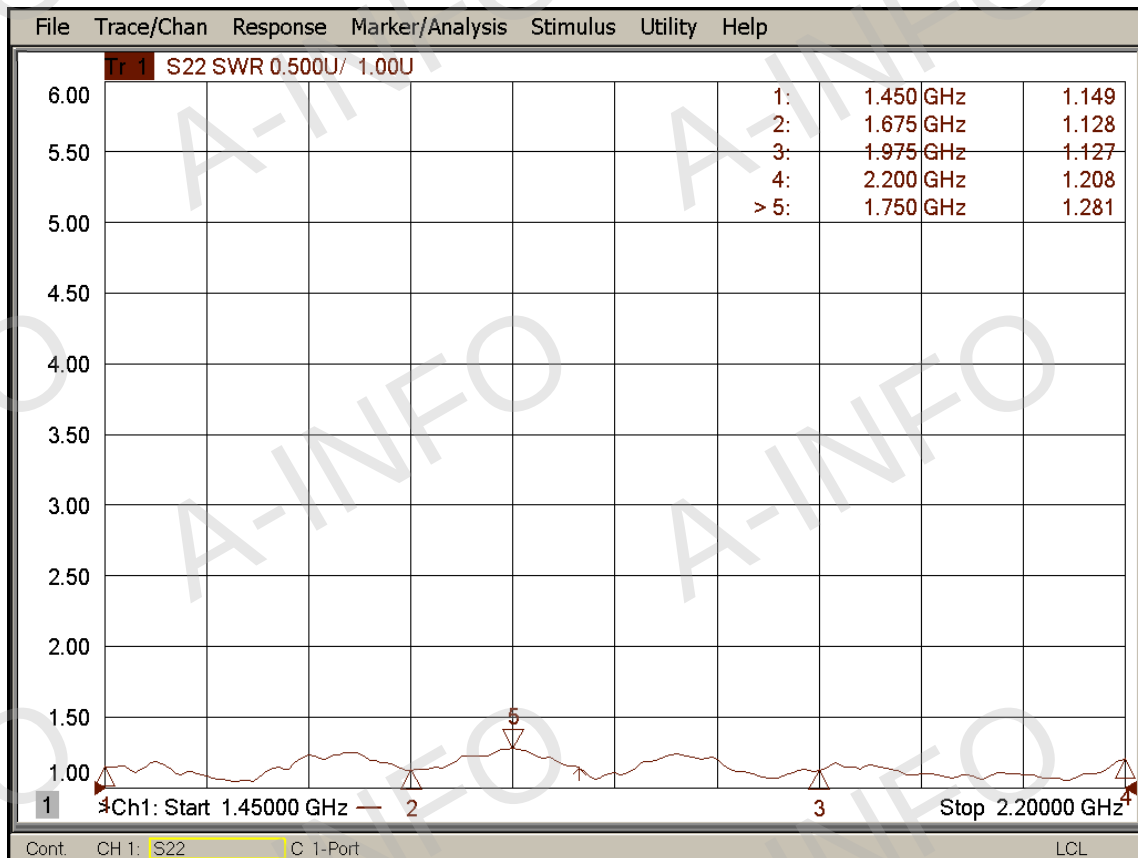
## FDP18

## Test Results

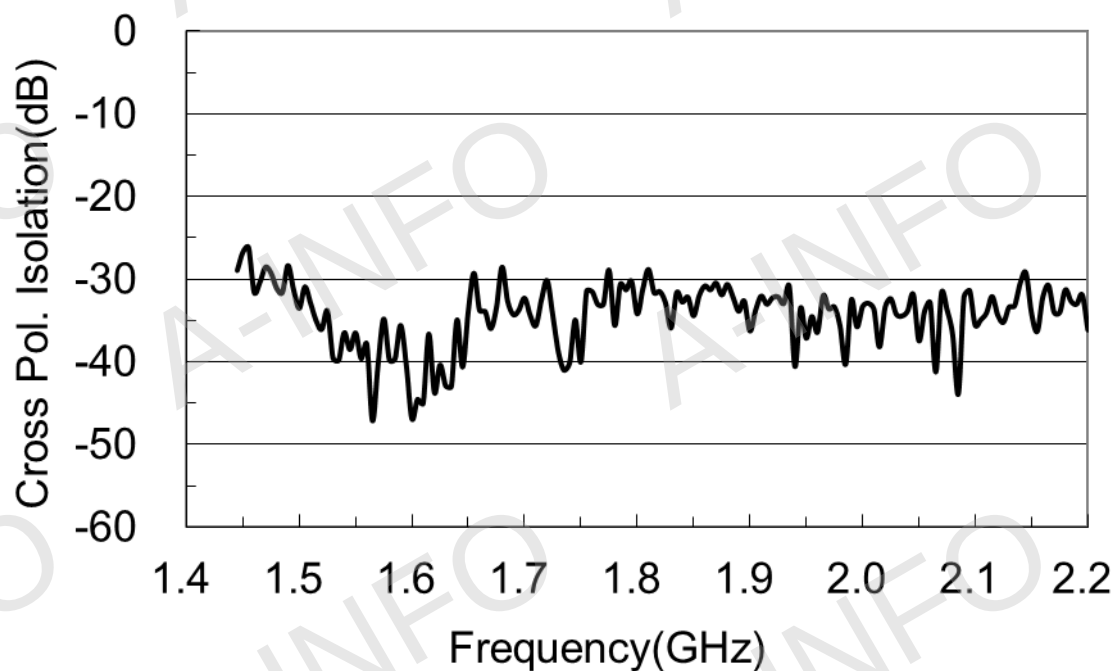
### 1. Gain and Antenna Factor



## 2. VSWR



## 3. Cross Polarization Isolation



## 4. Pattern

