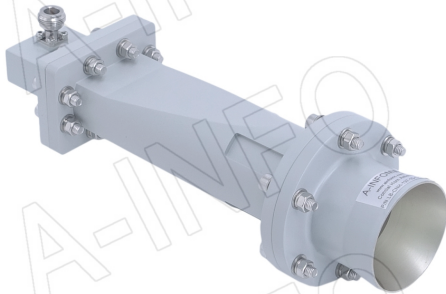


For reference only. See data sheet for the detailed specifications.

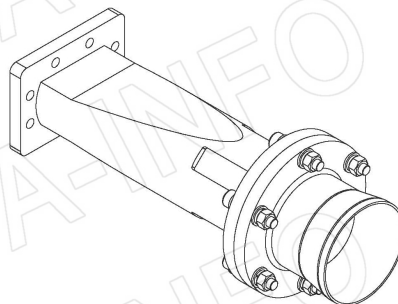
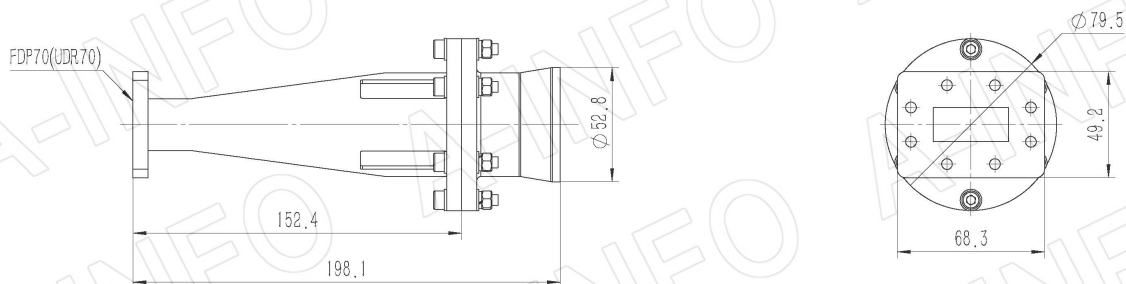
## Technical Specification



Frequency Range(GHz)	5.85 – 8.20
Waveguide	WR137
Gain(dBi)	10 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 49 Typ.
	H Plane: 54 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	A Type: 1.20:1 Max.
	C Type: 1.50:1 Max.
Output	A Type: FDP70(UDR70) N-Female or SMA-Female
	C Type: TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 79.5 x 79.5 x 198.1
	C Type: 79.5 x 79.5 x 246.1
Net Weight(Kg)	A Type: 0.53 Around
	C Type: 0.68 Around

## Outline Drawing (Size: mm)

FDP70 Output (P/N: LB-CN-137-10-A)



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

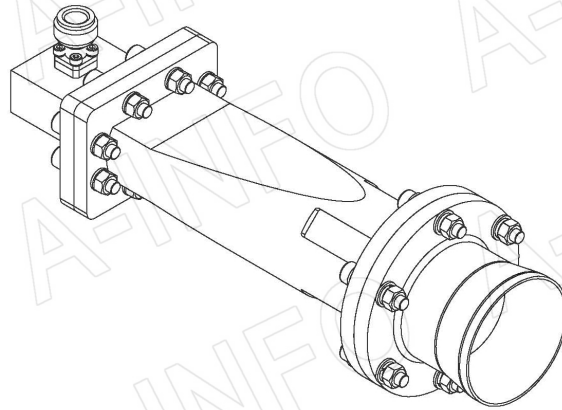
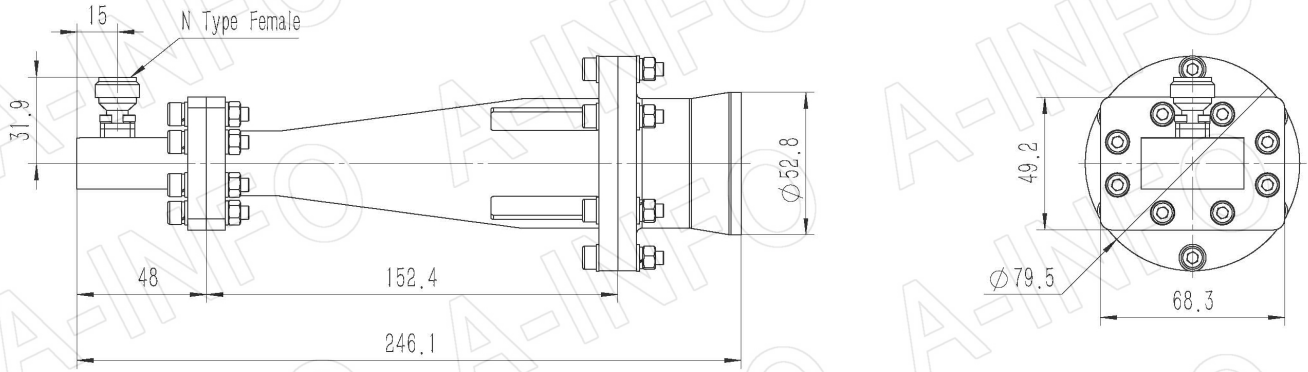
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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

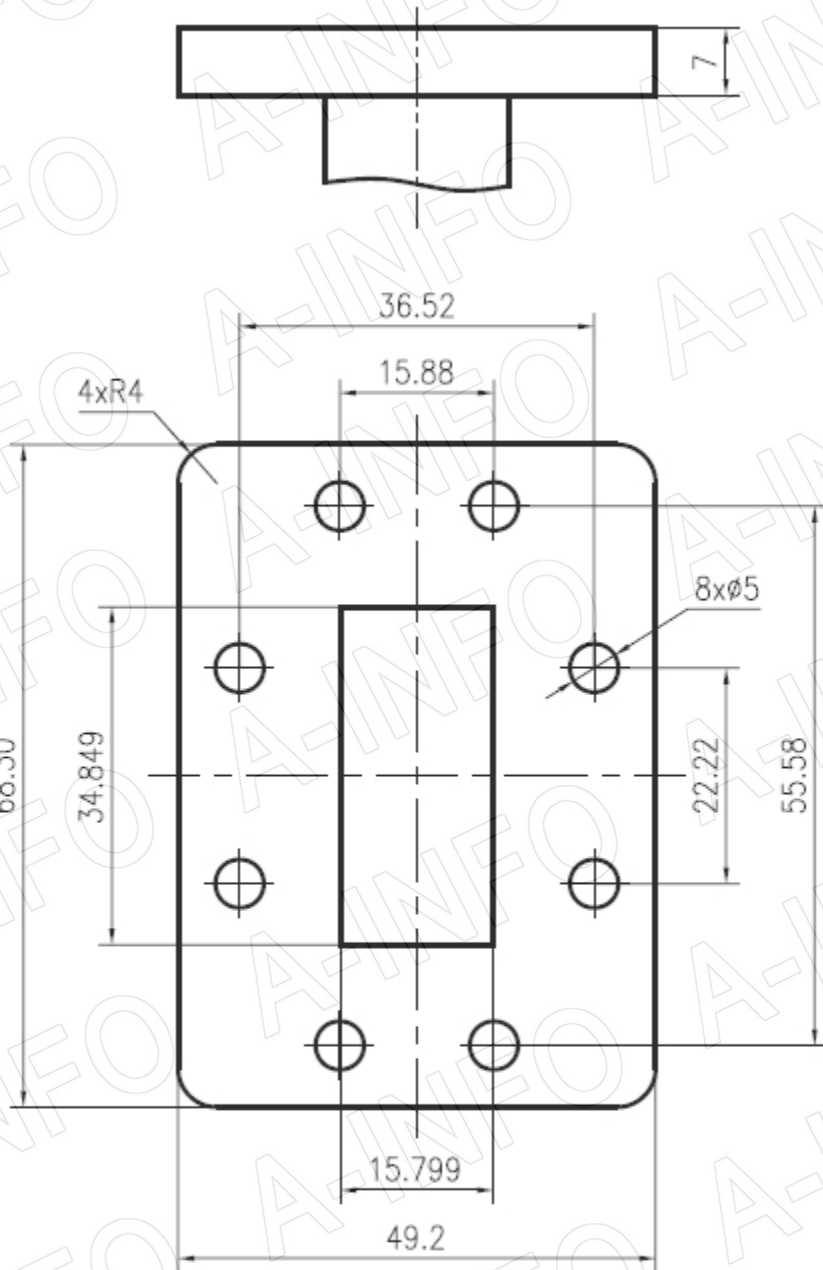
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## N-Female Output (P/N: LB-CNH-137-10-C-NF)

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



## Flange Drawing (Size: mm)



### FDP70

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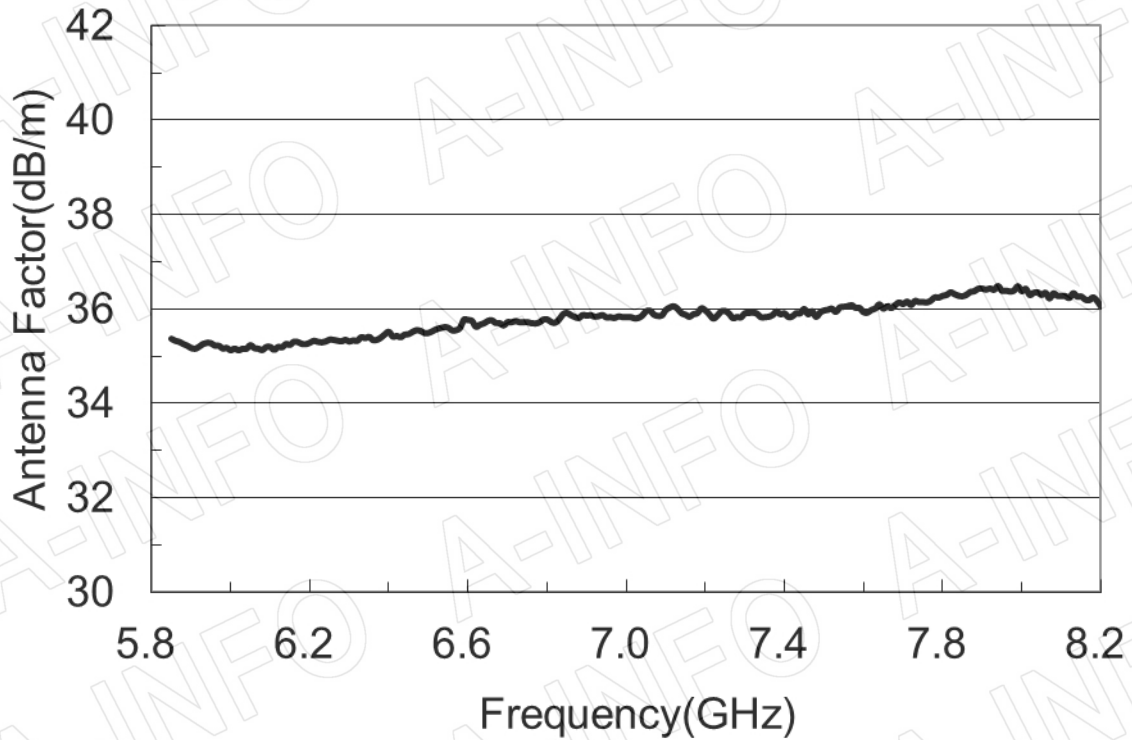
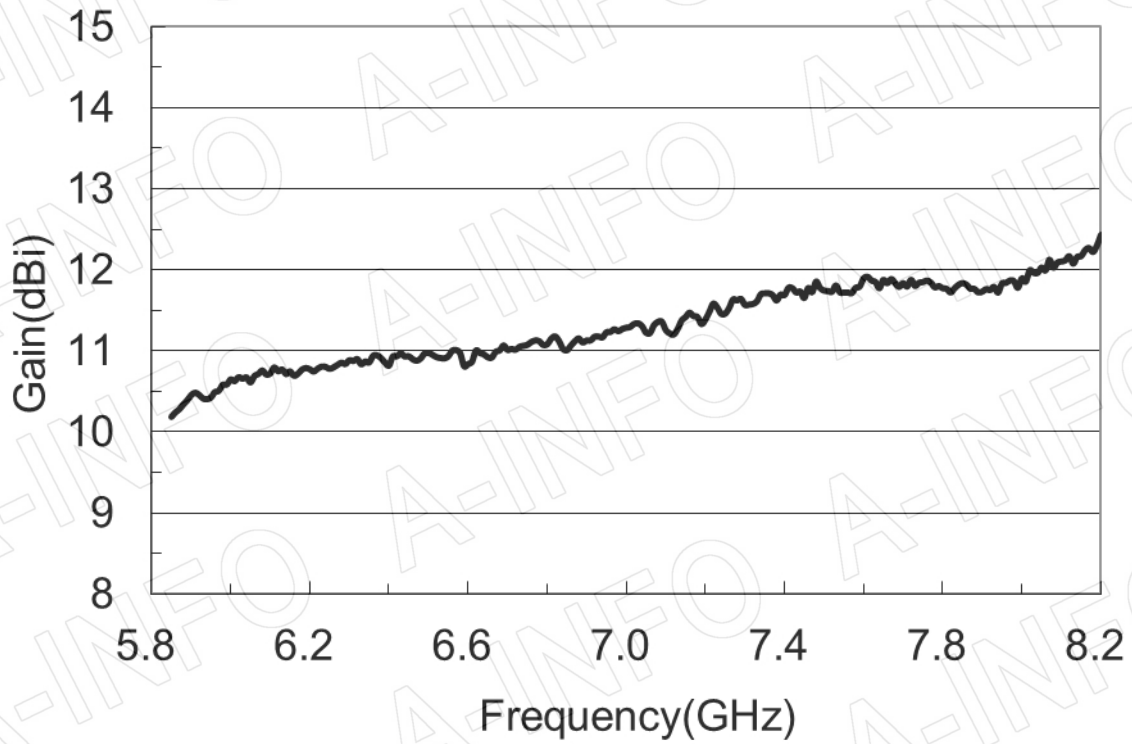
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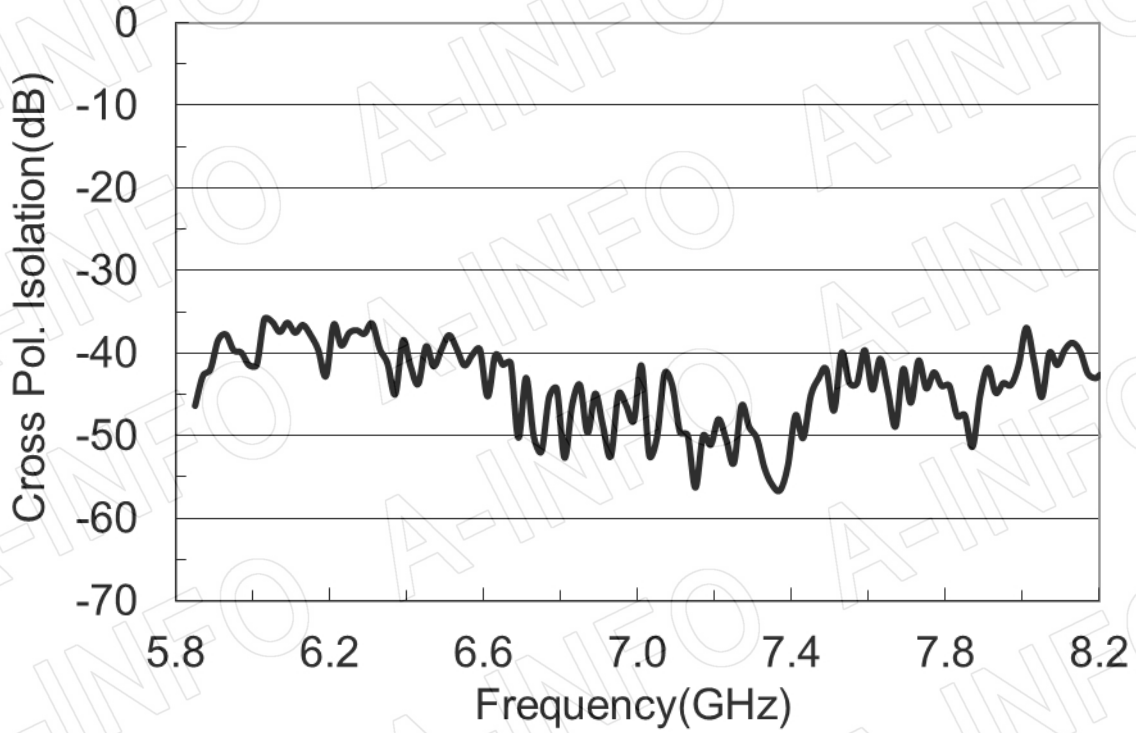
## Test Results

### 1. Gain & Antenna Factor

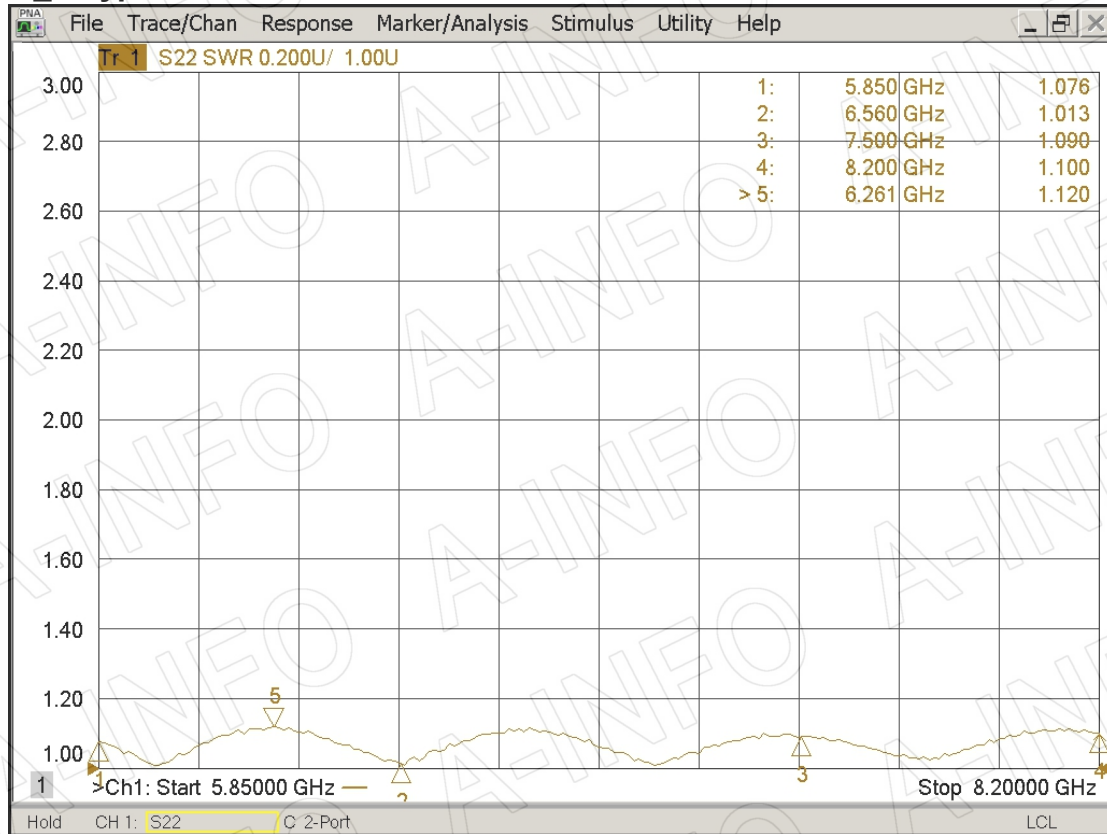




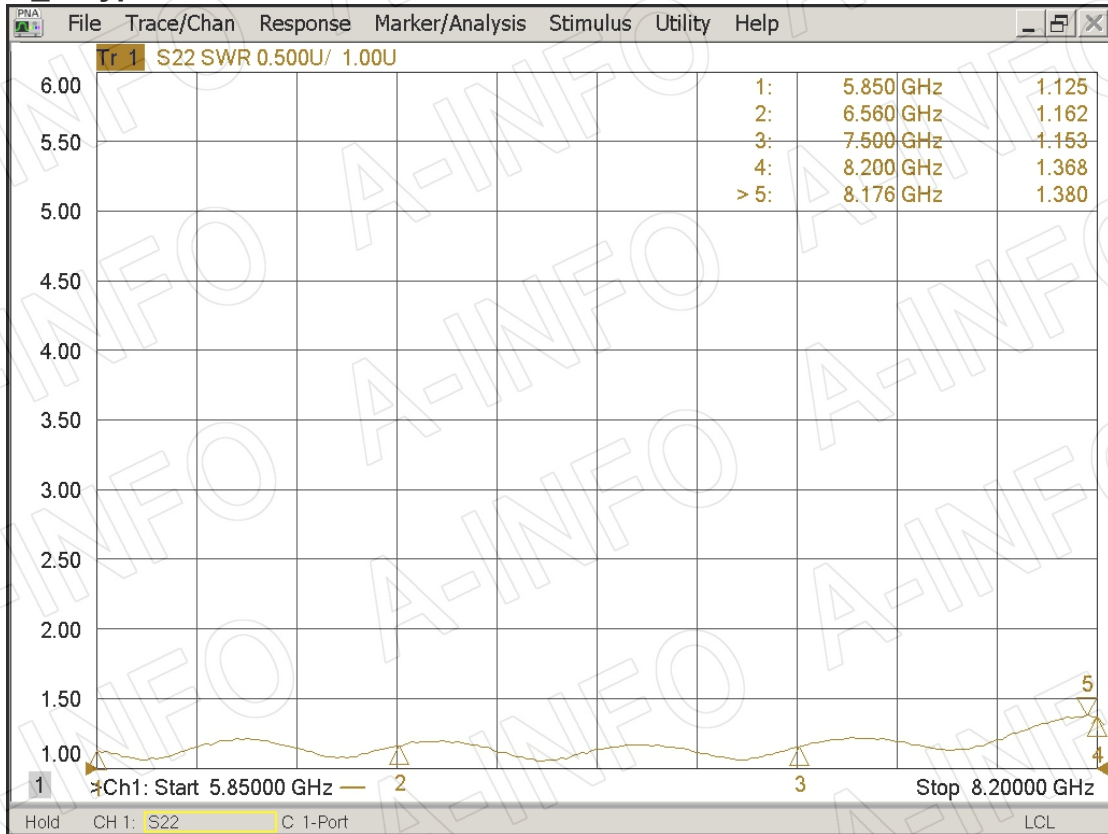
## 2. Cross Polarization Isolation



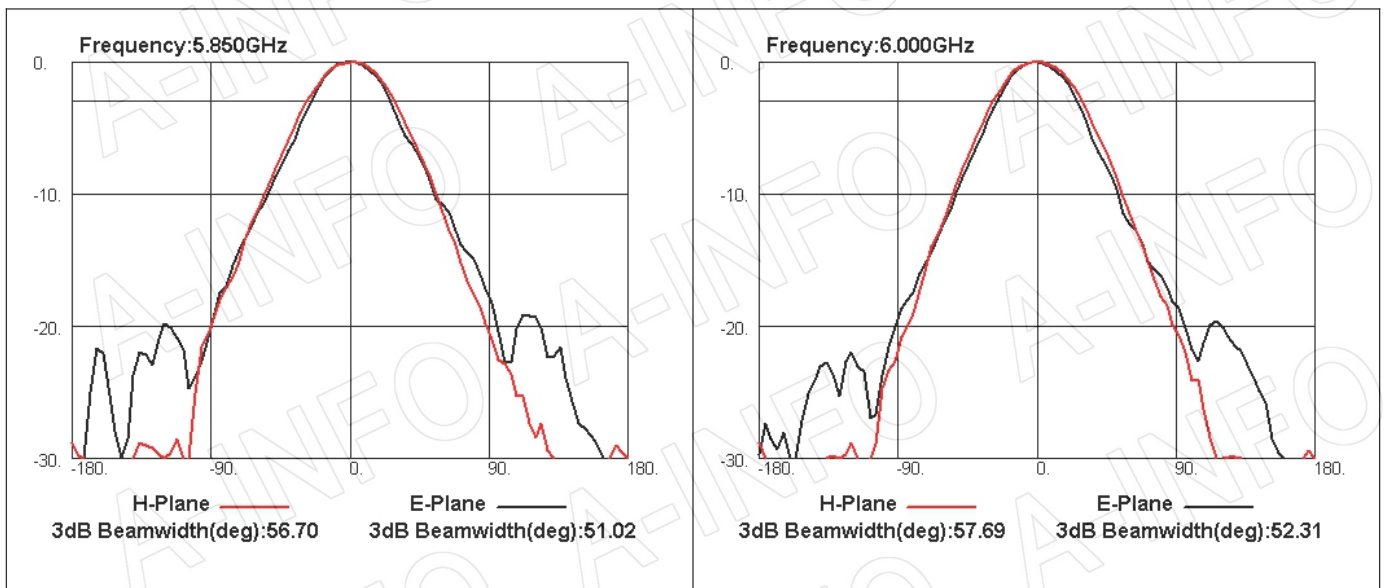
## 3. VSWR\_A Type



## VSWR\_C Type



## 4. Pattern



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