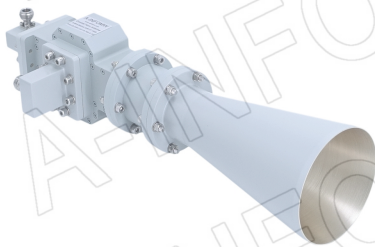


For reference only. See data sheet for the detailed specifications.

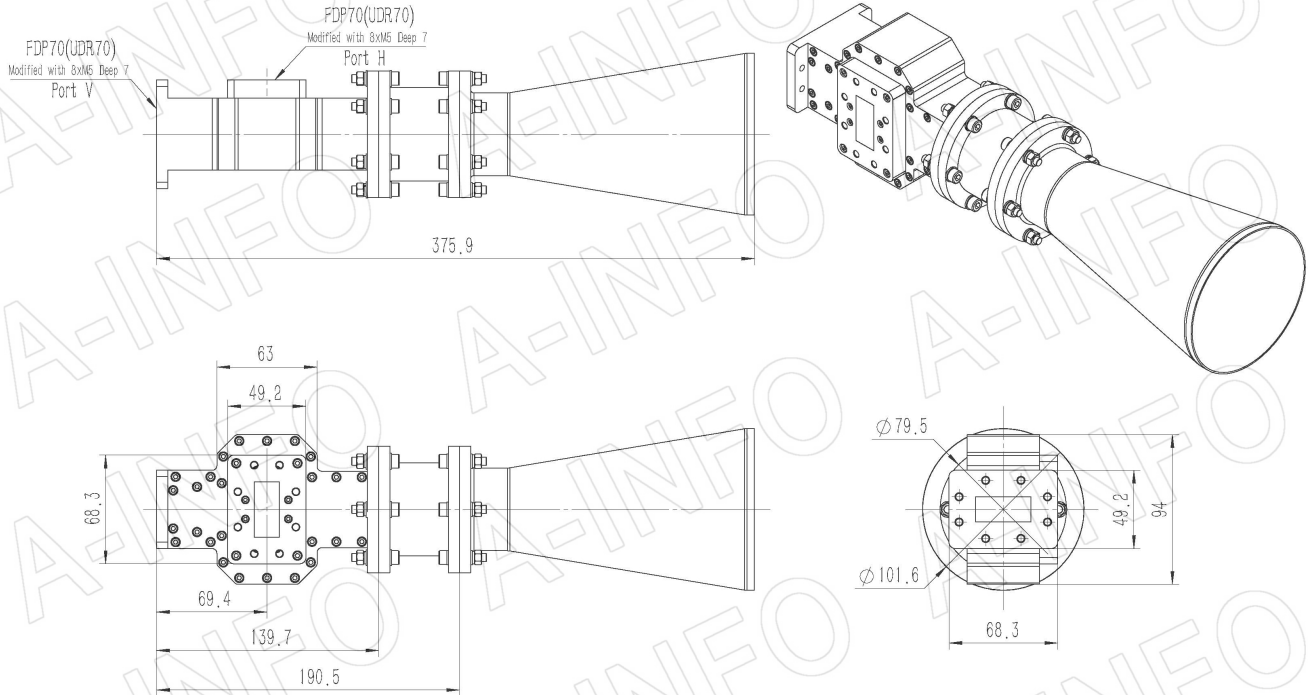
## Technical Specification



Frequency Range(GHz)	5.85 – 8.20
Waveguide	WR137
Gain(dBi)	15 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 25 Typ.
	H Plane: 31 Typ.
Cross Pol. Isolation(dB)	45 Typ.
Port to Port Isolation(dB)	55 Typ. ; 45 Min.
VSWR	A Type: 1.60:1 Max.
	C Type: 1.80:1 Max.
Output	A Type: FDP70(UDR70) (Modified with 4xM4 Deep 7)
	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: 101.6 x 101.6 x 375.9
	C Type: 133 x 101.6 x 423.9
Net Weight(Kg)	A Type: 1.71 Around
	C Type: 1.96 Around

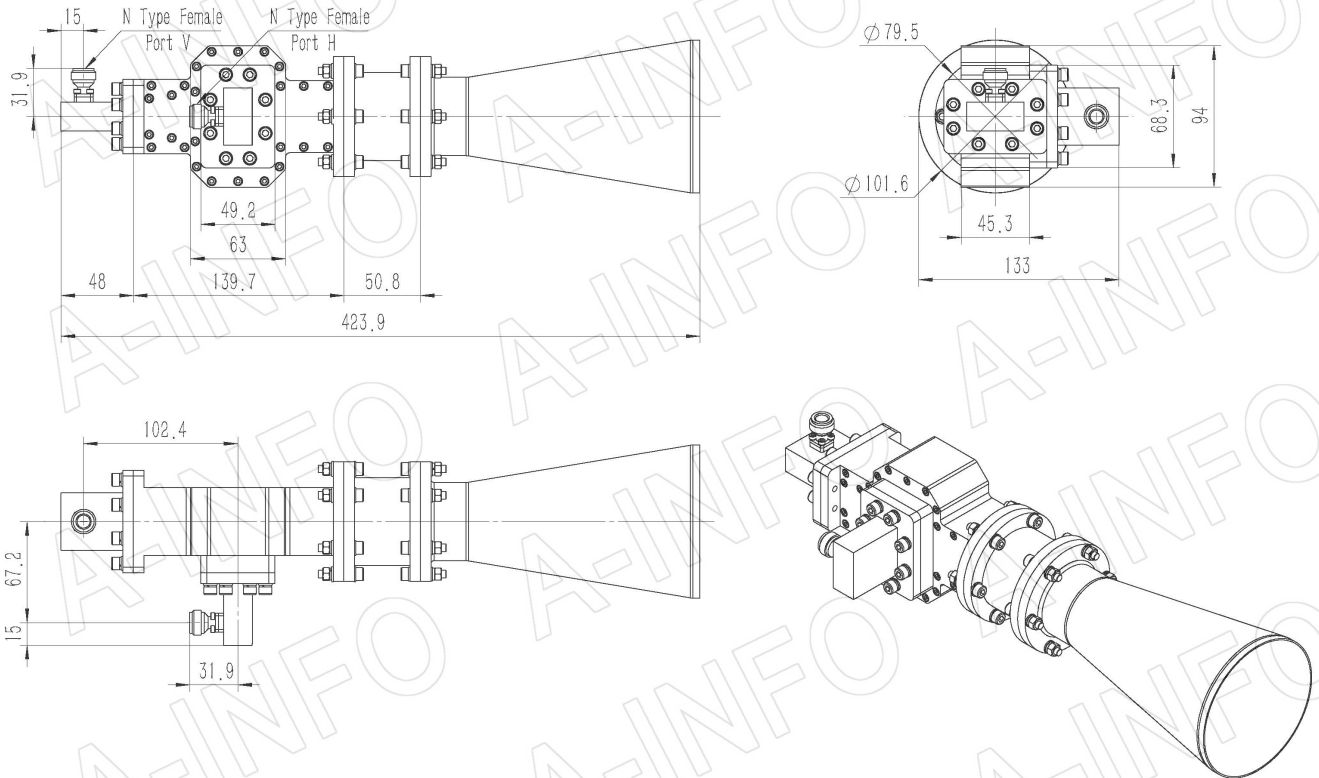
## Outline Drawing (Size: mm)

### FDP70 Output (P/N: LB-CNH-137-15-T02-A)

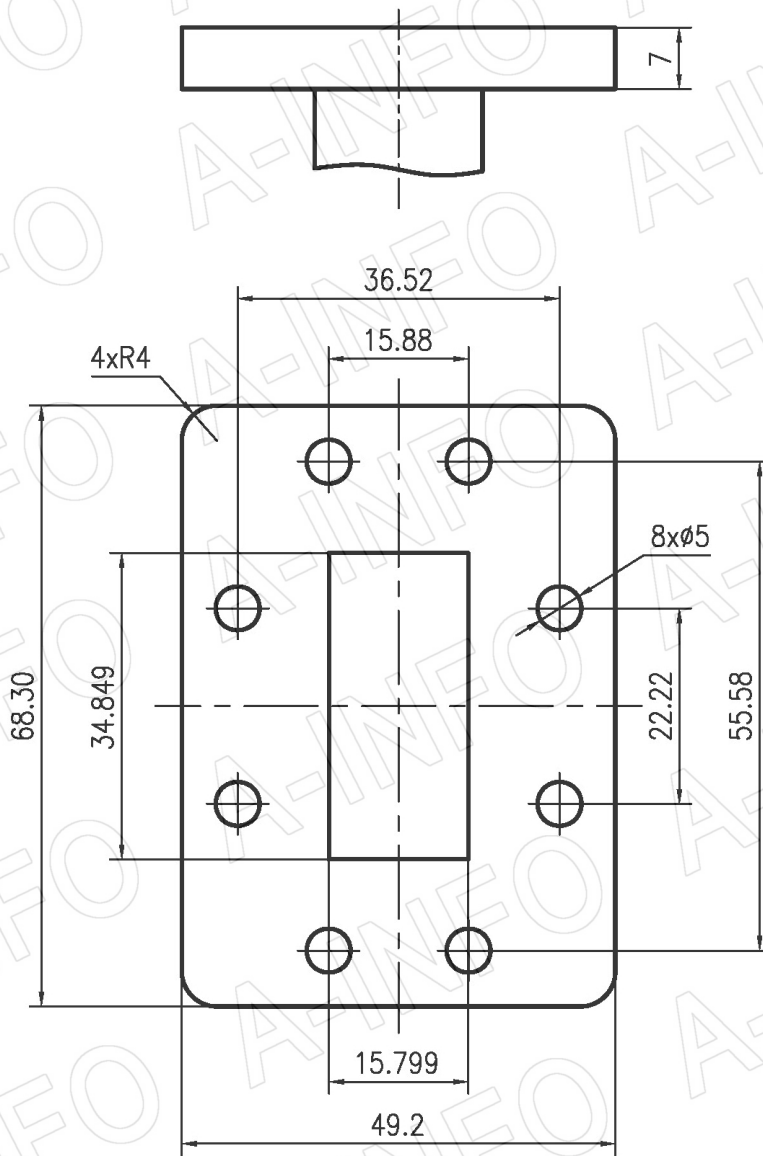


### N-Female Output (P/N: LB-CNH-137-15-T02-C-NF)

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

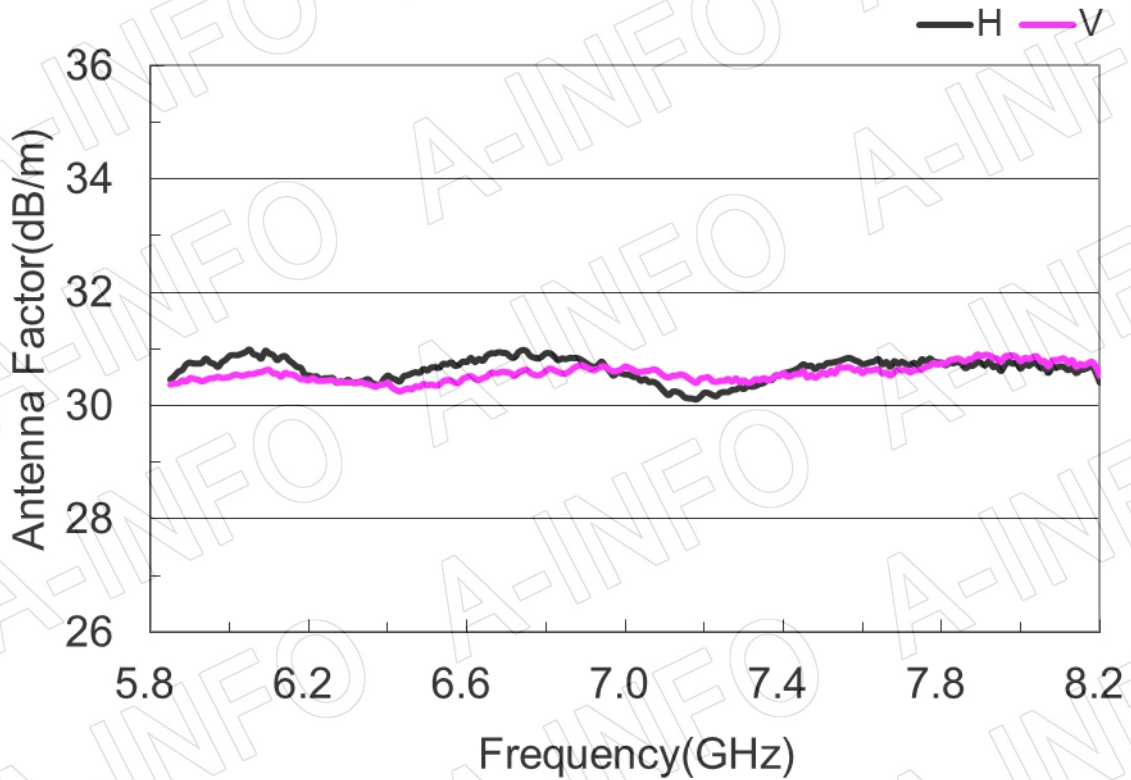
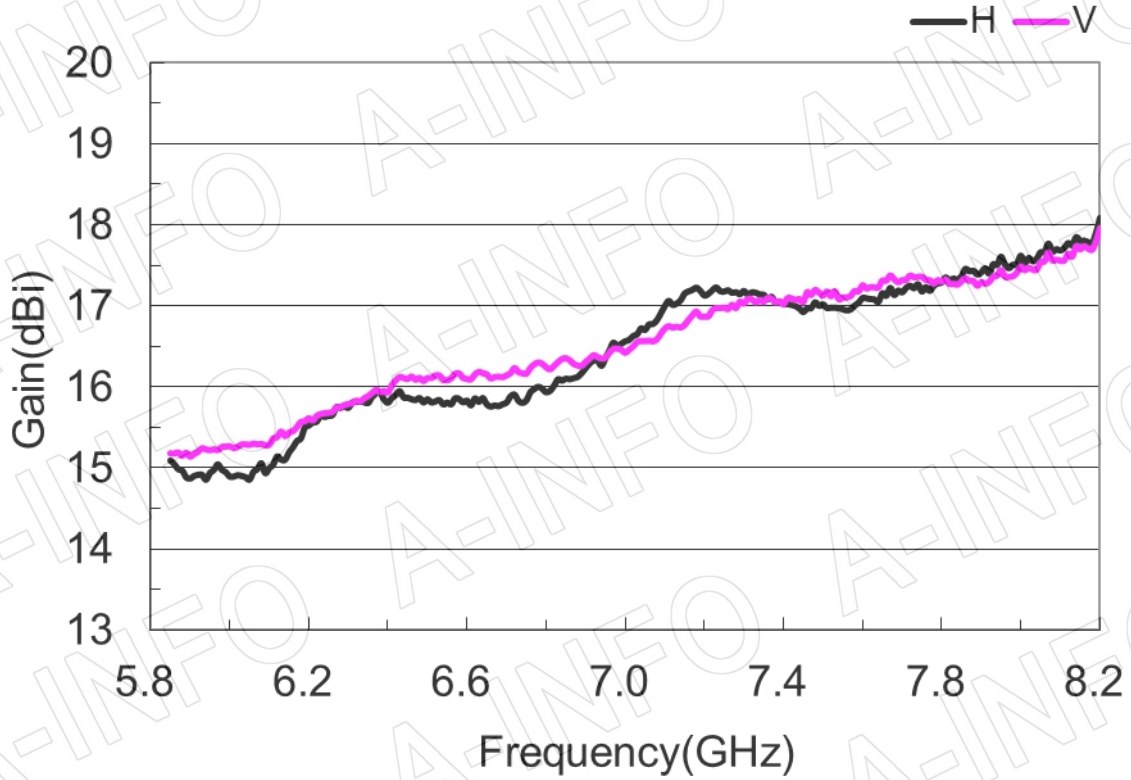
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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
(+1) 949-639-9608 Fax: (+1) 949-639-9670

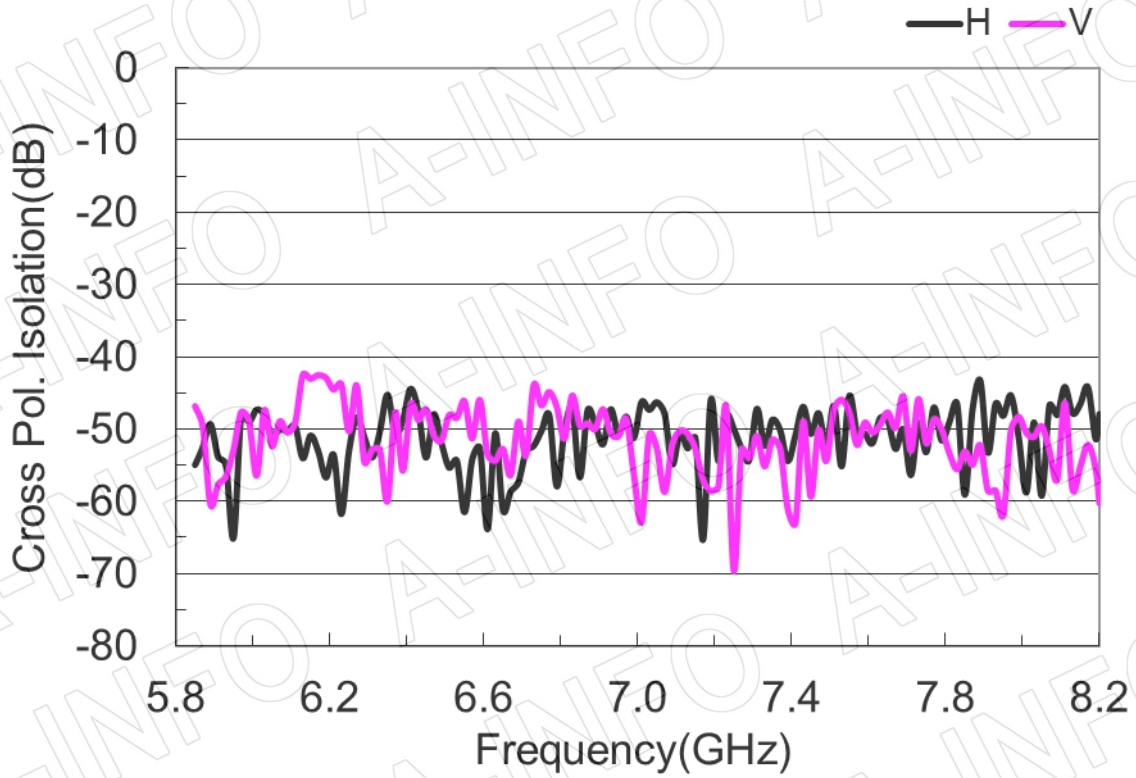
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

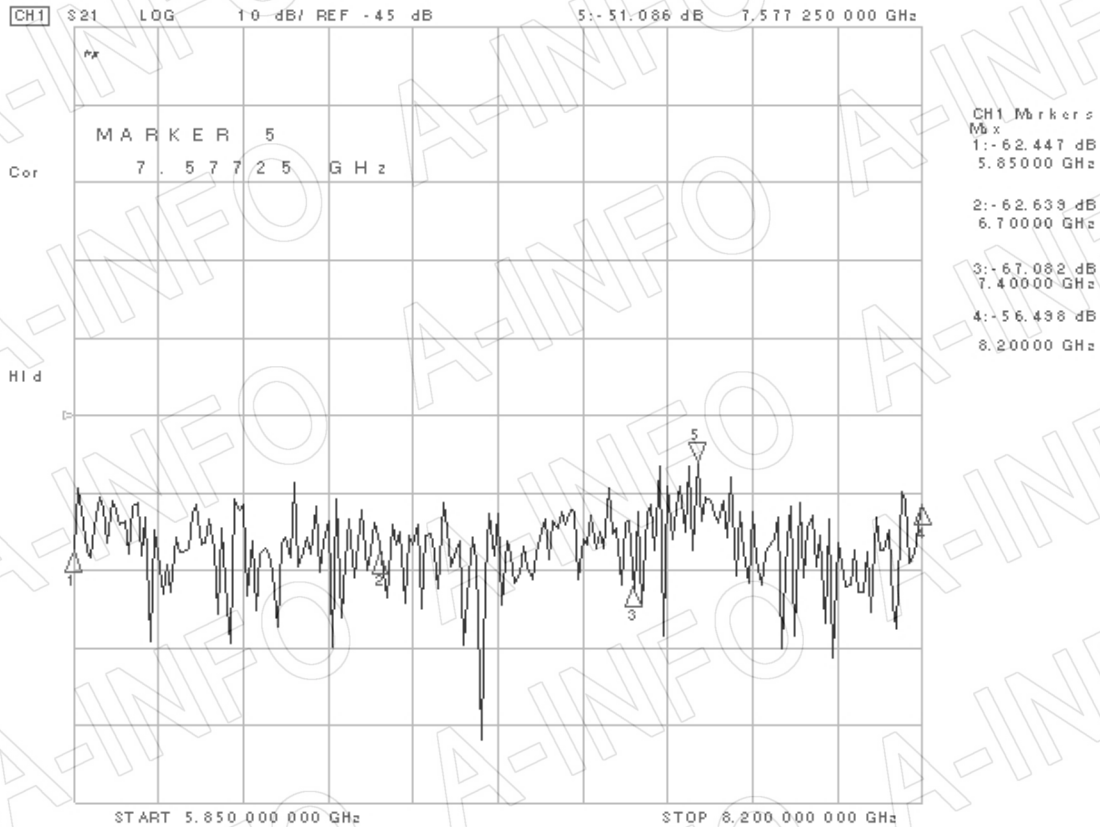
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation

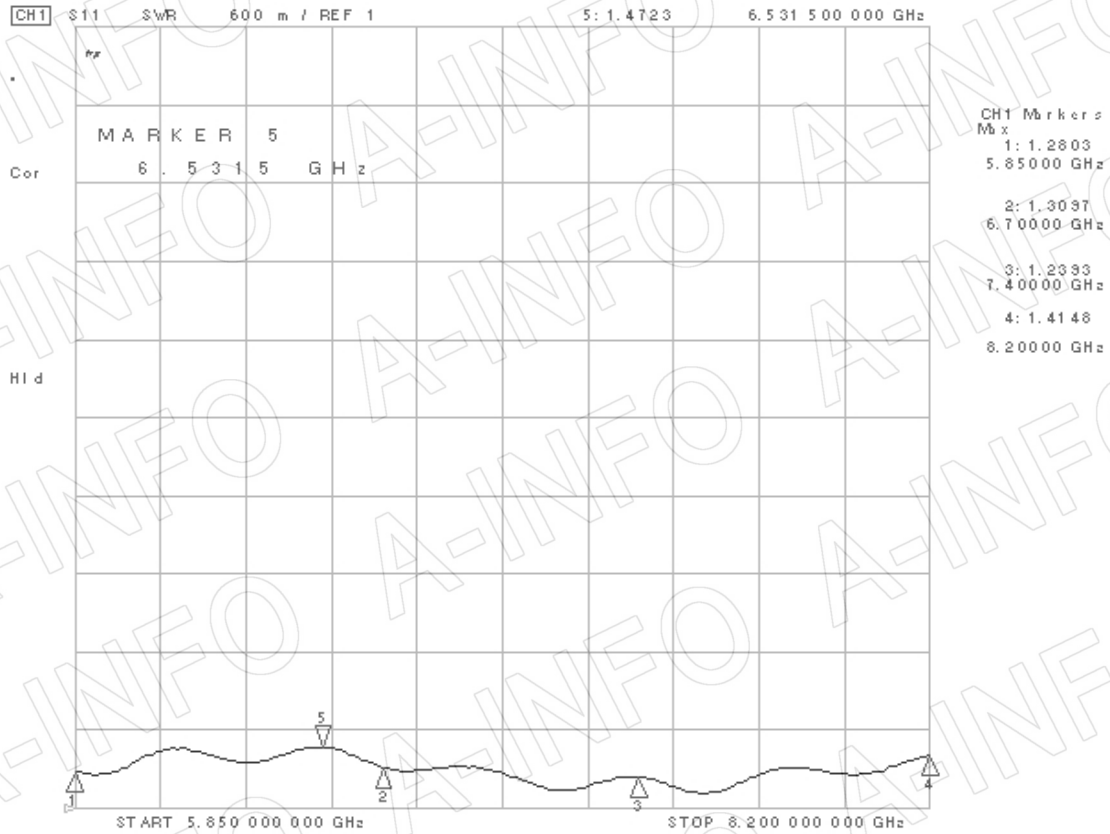


## 3. Port to Port Isolation

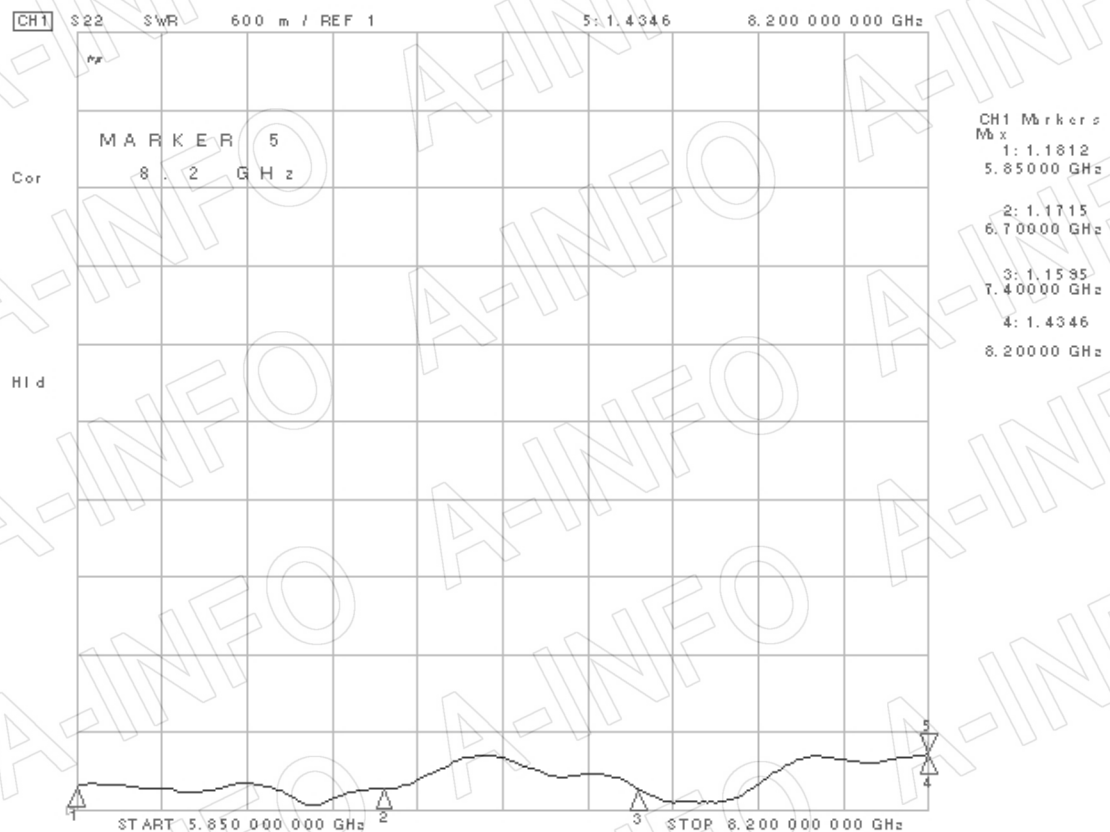


## 4. VSWR\_A Type

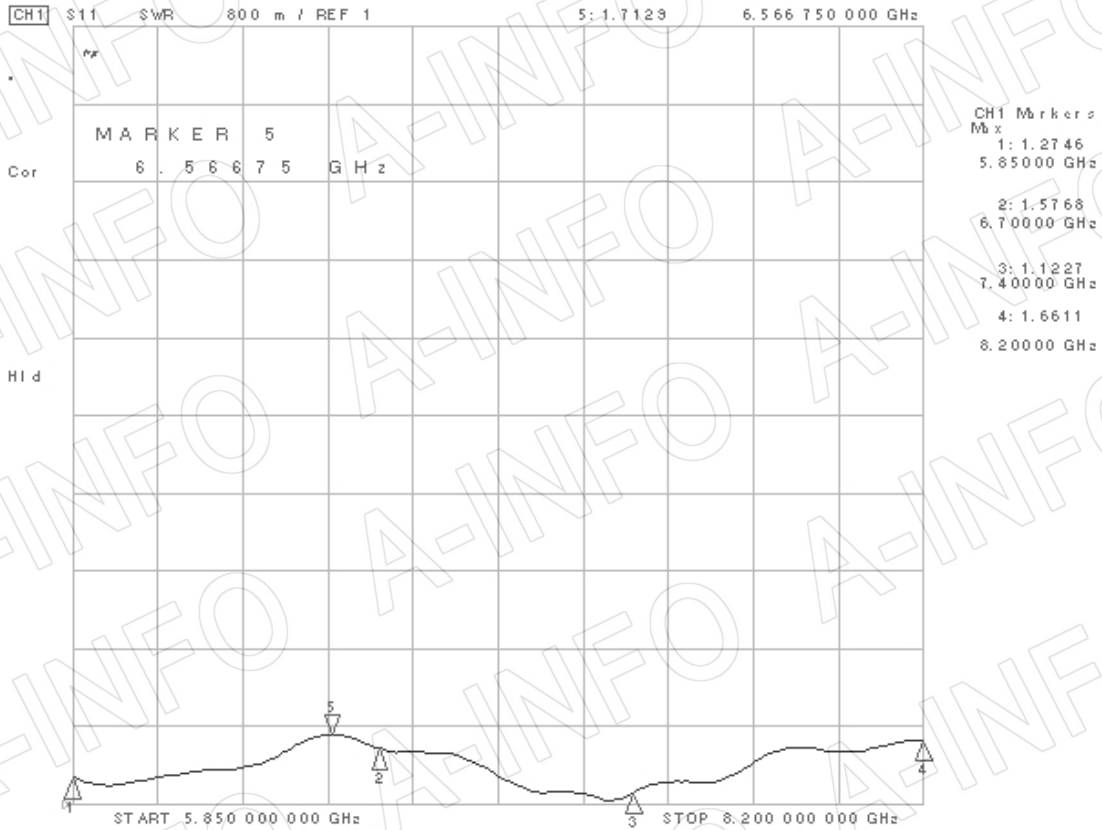
### Port-H



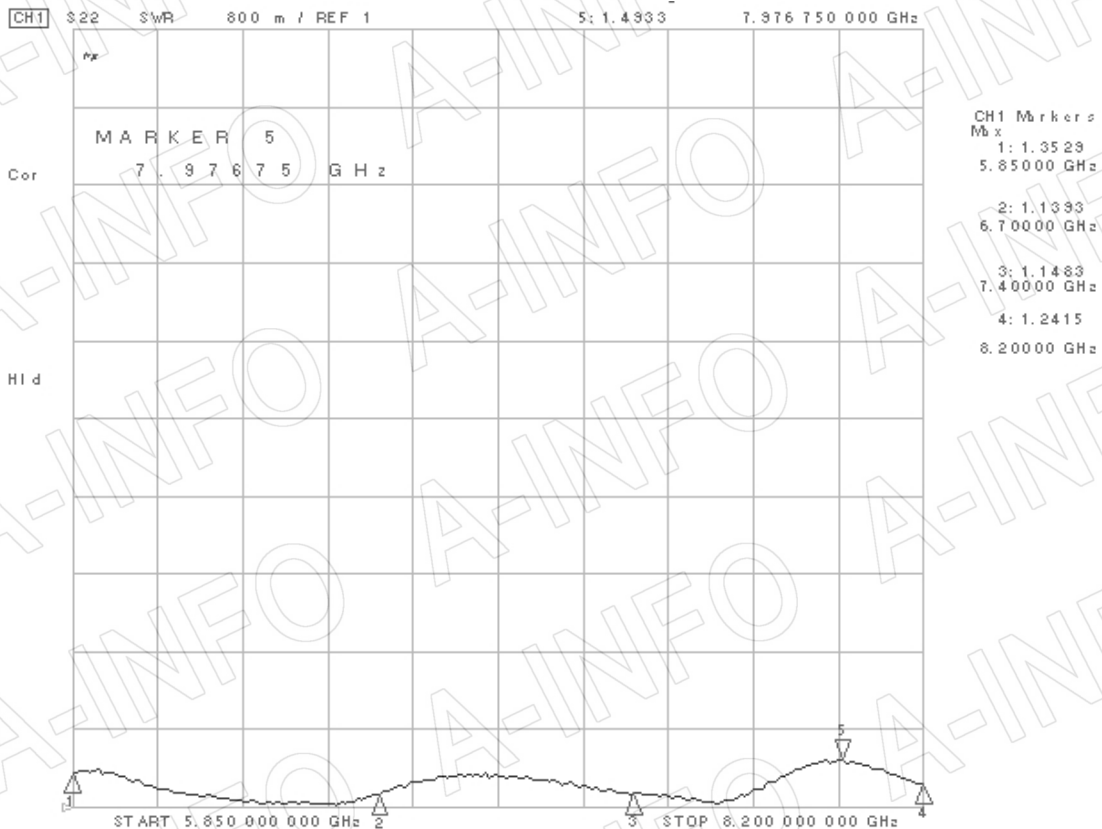
### Port-V



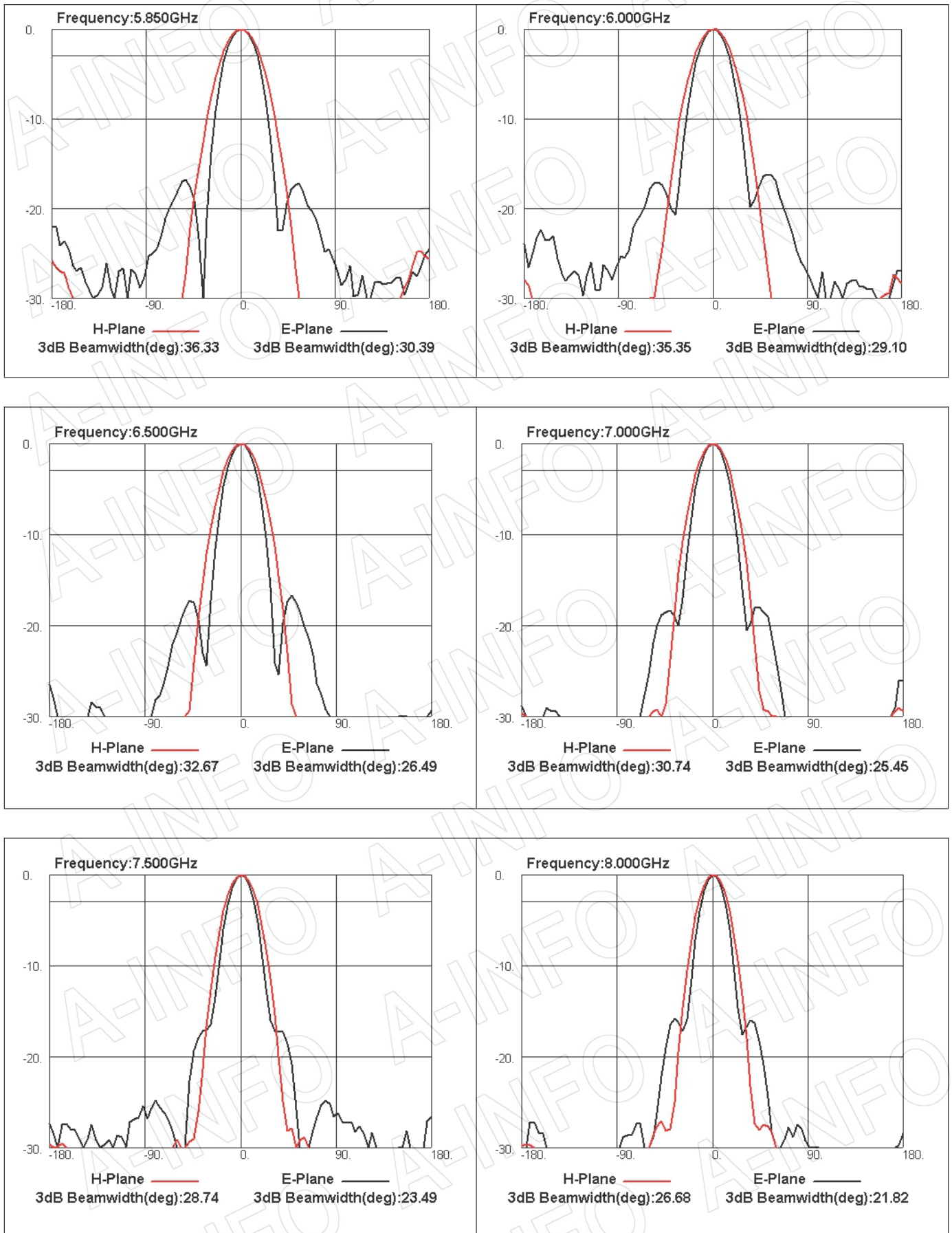
## VSWR\_C Type Port-H



## Port-V



## 5. Pattern



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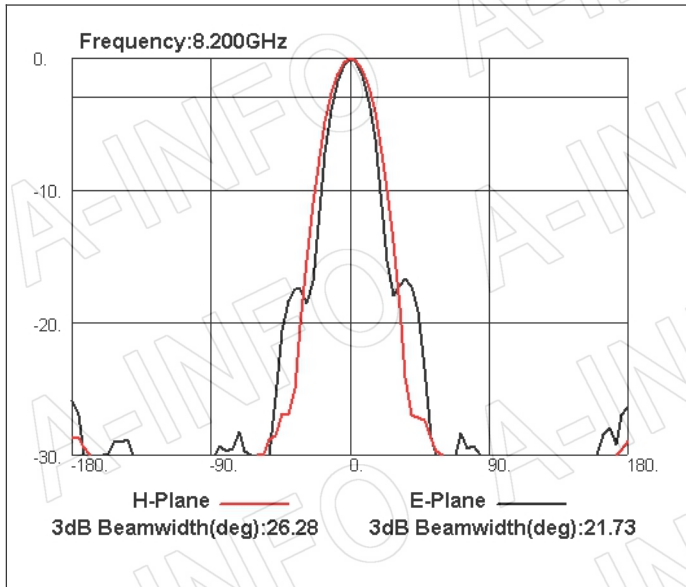
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