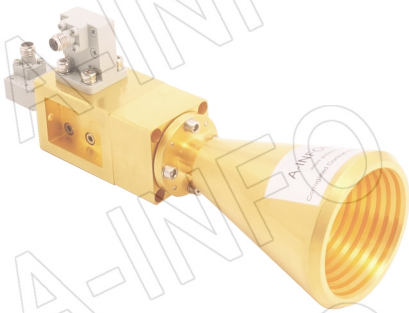


For reference only. See data sheet for the detailed specifications.

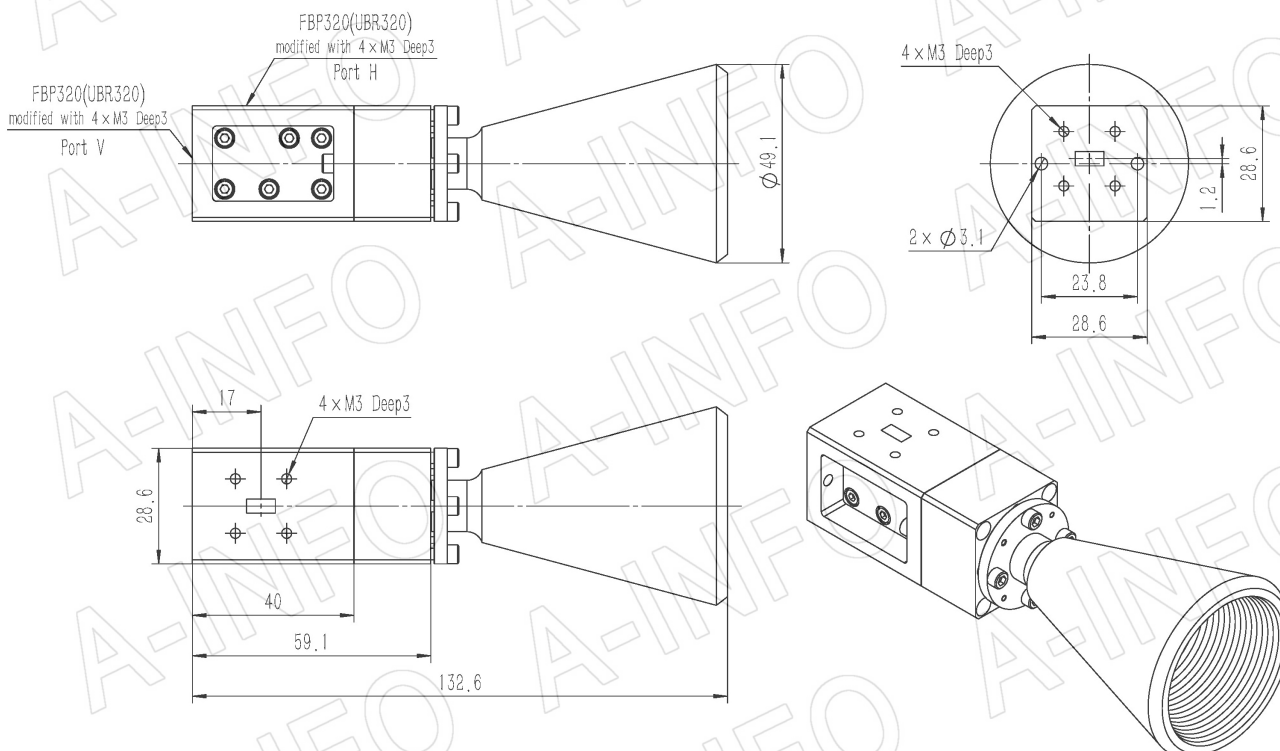
## Technical Specification



Frequency Range(GHz)	26.0 – 35.0	
Waveguide	WR28	
Gain(dBi)	20 Typ.	
Polarization	Dual Linear	
3dB Beamwidth(deg)	E Plane:	18 Typ.
	H Plane:	18 Typ.
Cross Pol. Isolation(dB)	40 Typ.	
Port to Port Isolation(dB)	40 Typ. ; 30 Min.	
VSWR	A Type:	1.60:1 Typ.
	C Type:	1.60:1 Typ.
Output	A Type:	FBP320(UBR320) (modified with 4xM3 D3)
	C Type:	2.92mm-Female or 2.4mm-Female
Material	Cu	
Finish	Gold Plated, Gray Paint	
Size(mm)	A Type:	49.1 x 49.1 x 132.6
	C Type:	49.1 x 62.9 x 156.6
Net Weight(Kg)	A Type:	0.47 Around
	C Type:	0.54 Around

## Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CH-28-20-T26-A)



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USA: Tel: (+1) 949-639-9688,

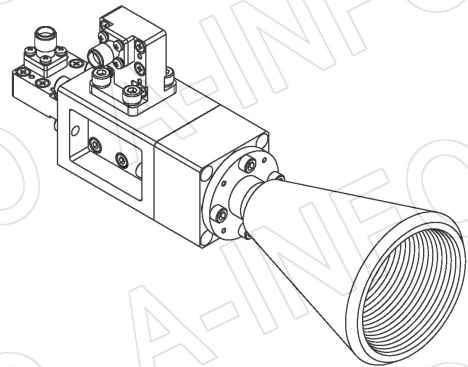
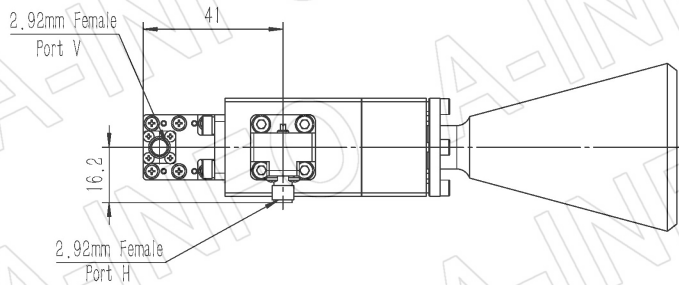
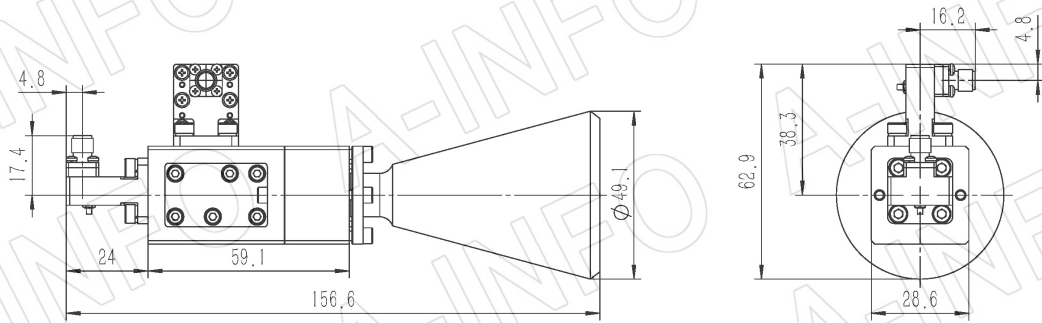
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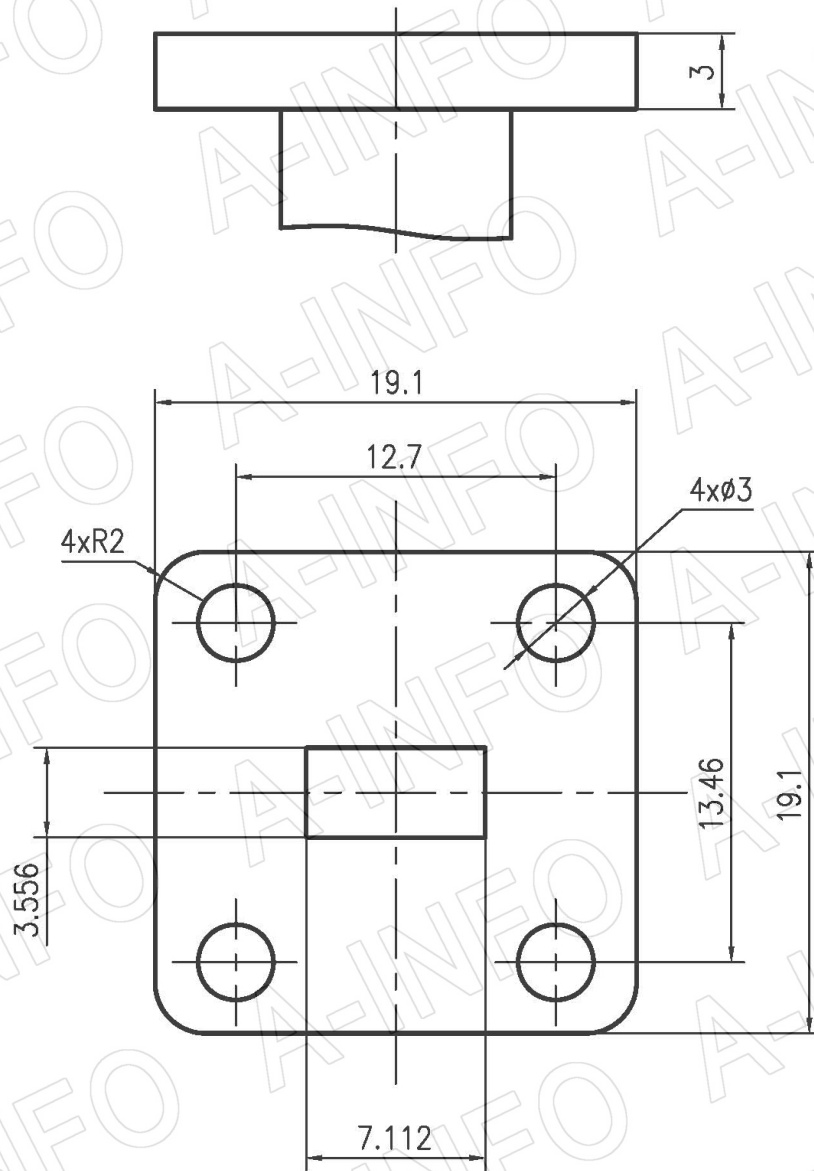
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

**2.92mm-Female Output (P/N: LB-CH-28-20-T26-C-KF)**

For 2.4mm-Female output outline drawing, please contact A-INFO.



## Flange Drawing (Size: mm)



### FBP320

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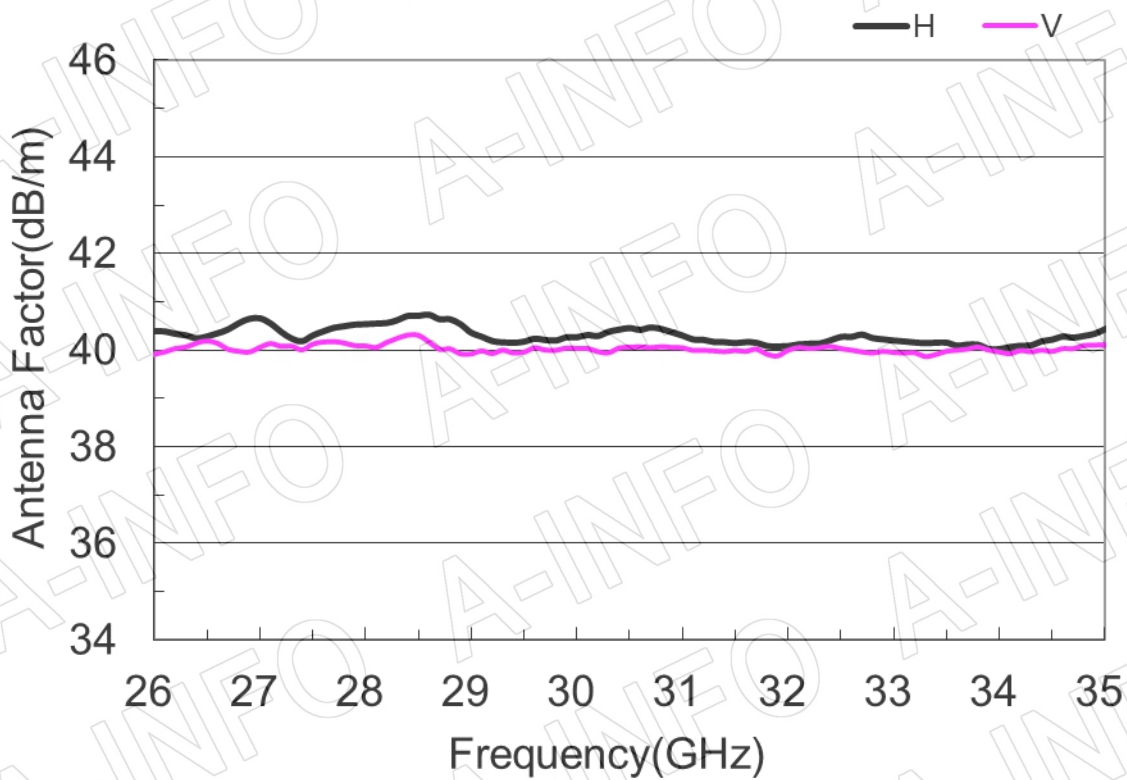
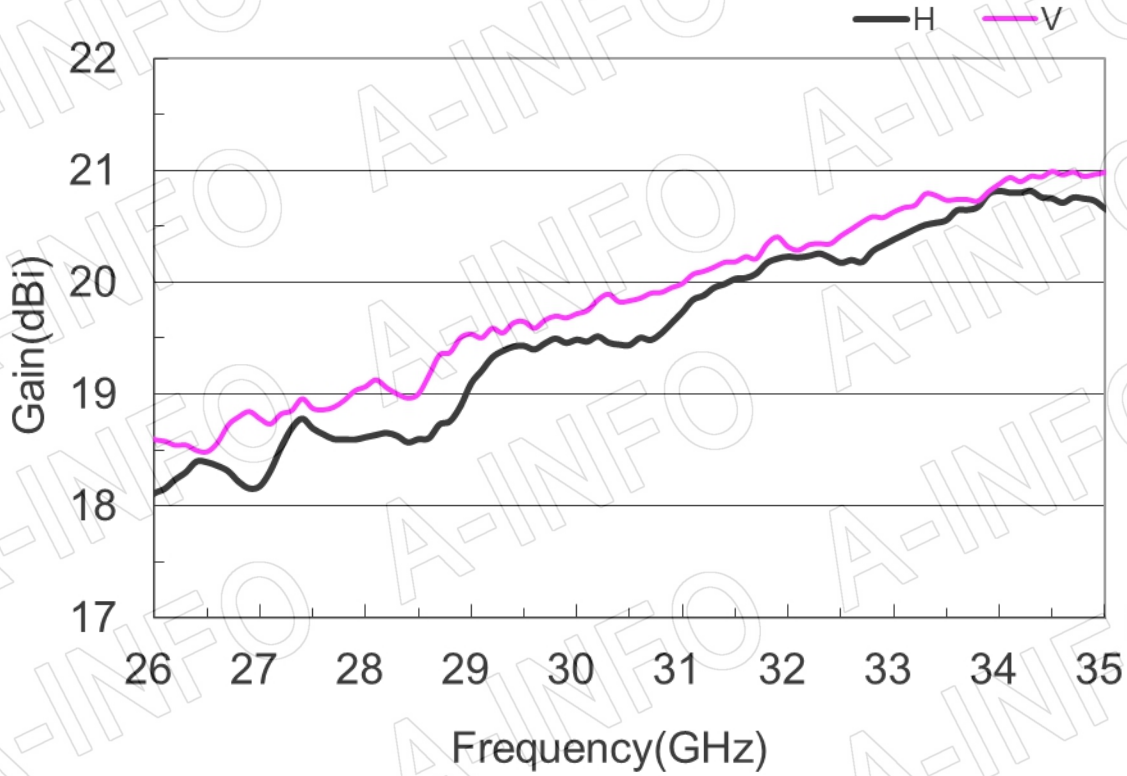
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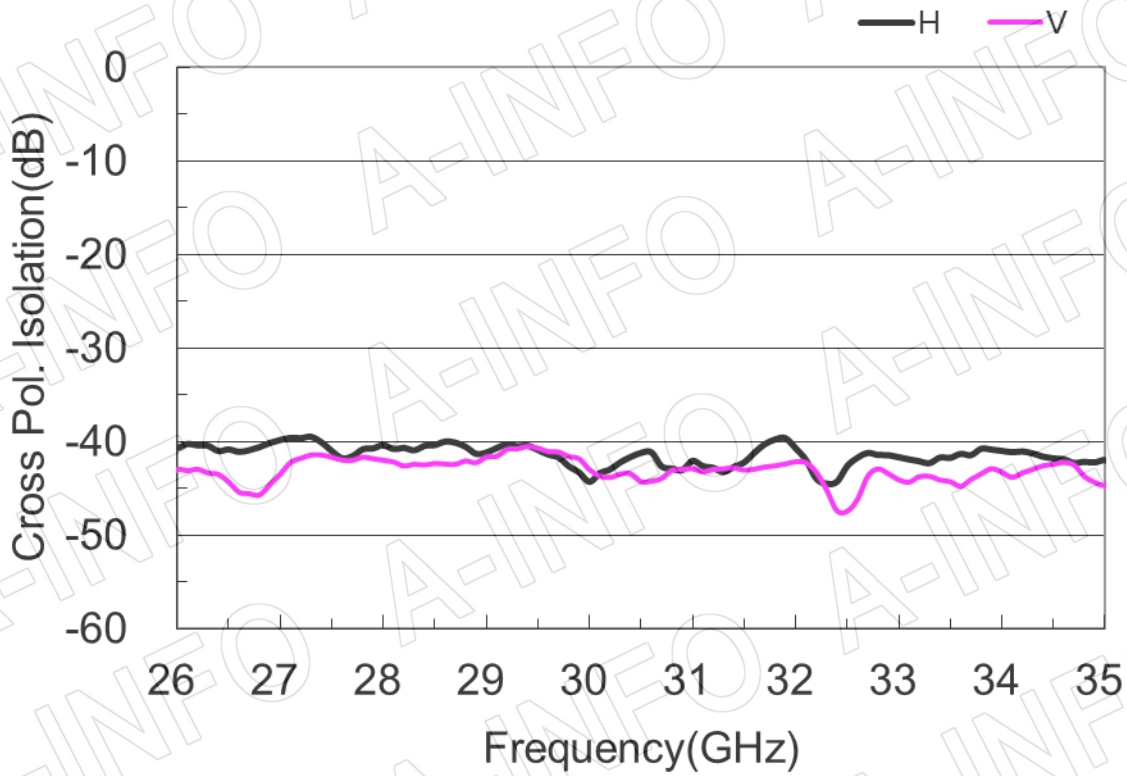
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Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

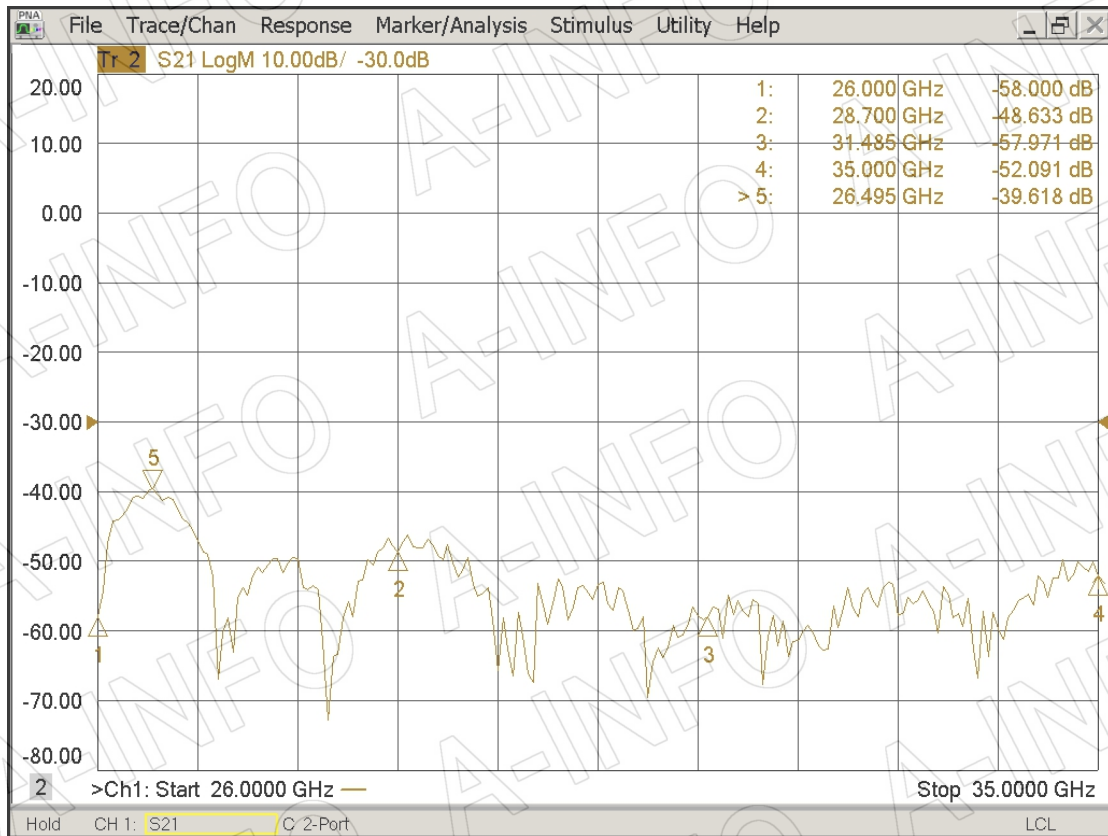
### 1. Gain & Antenna Factor



## 2. Cross Polarization Isolation

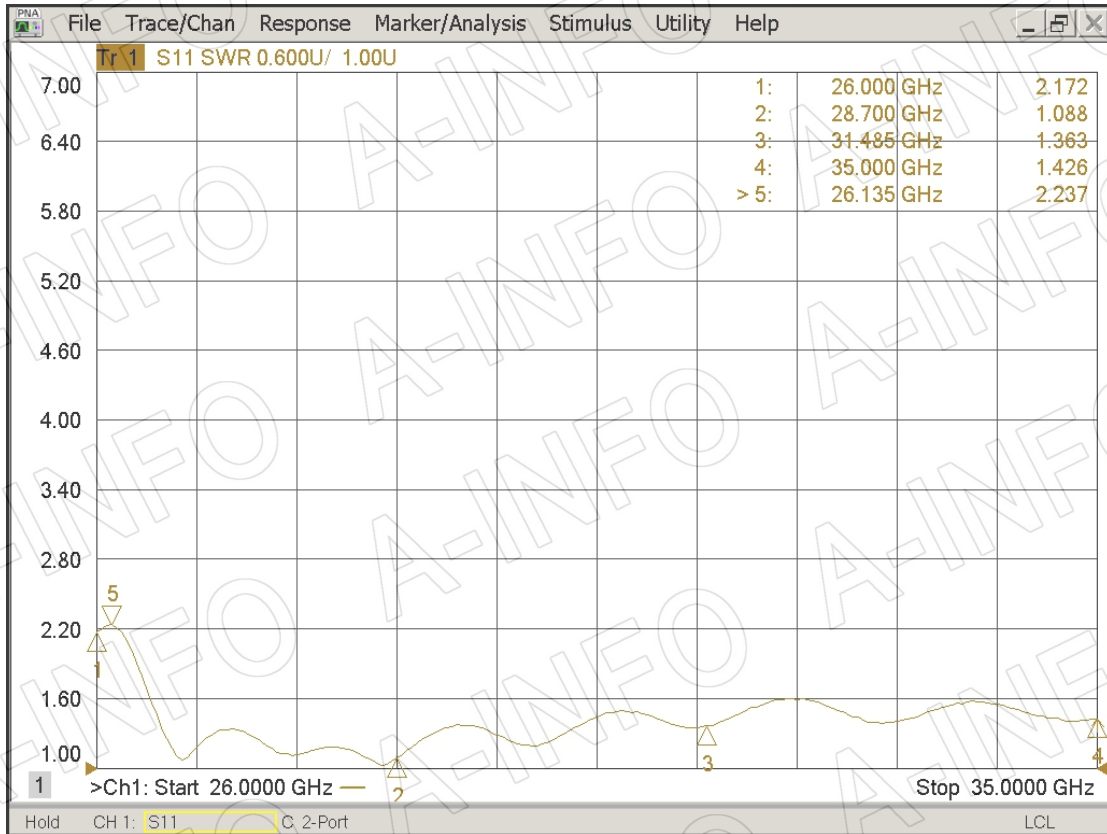


## 3. Port to Port Isolation

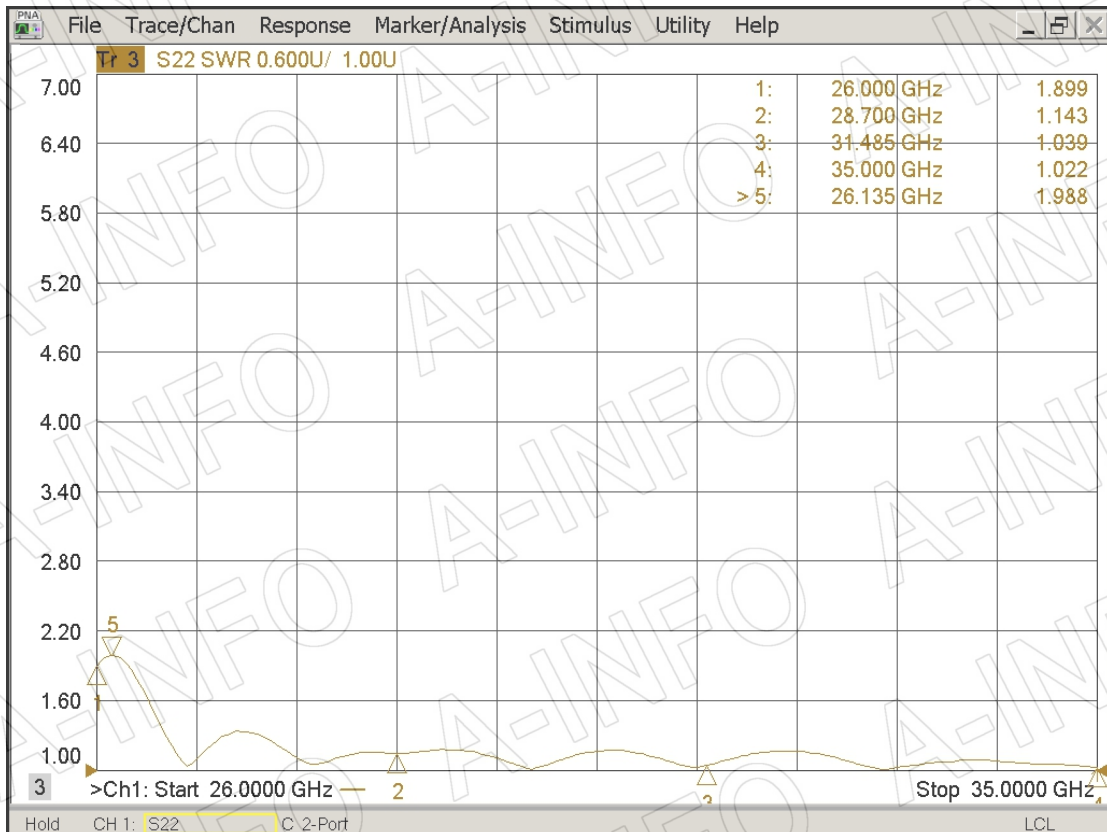


## 4. VSWR\_A Type

### Port-H

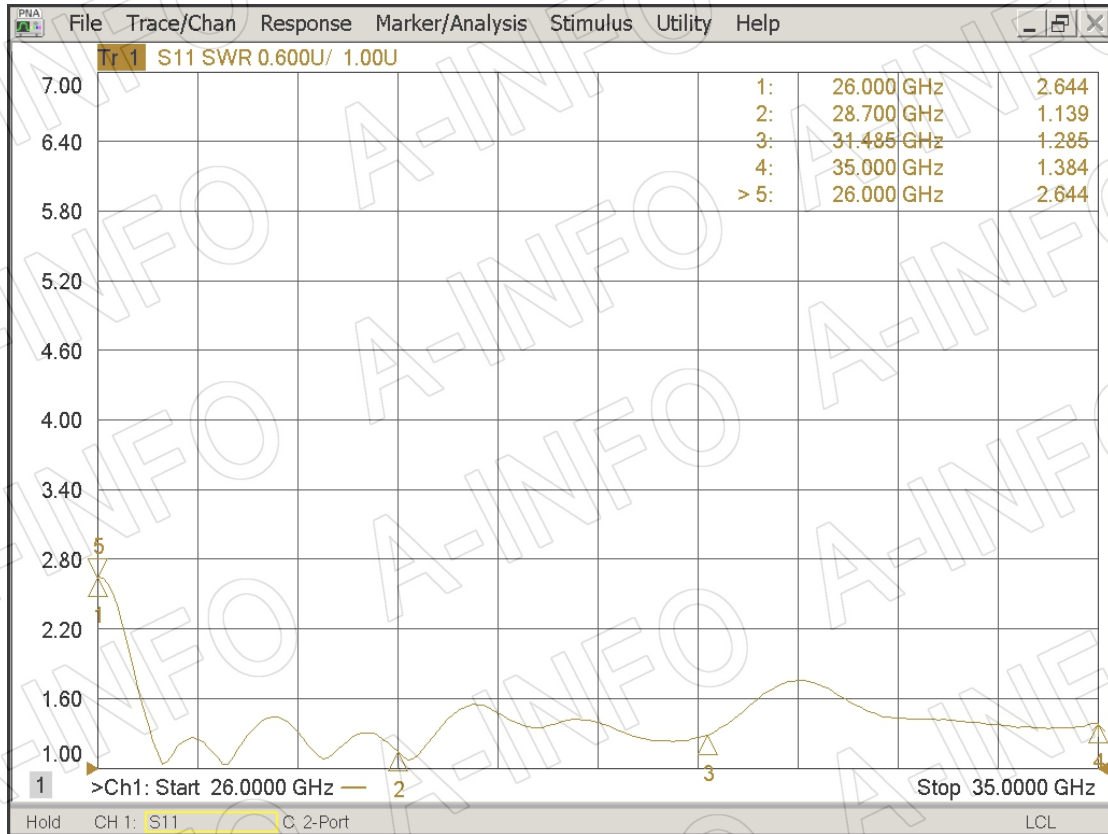


### Port-V

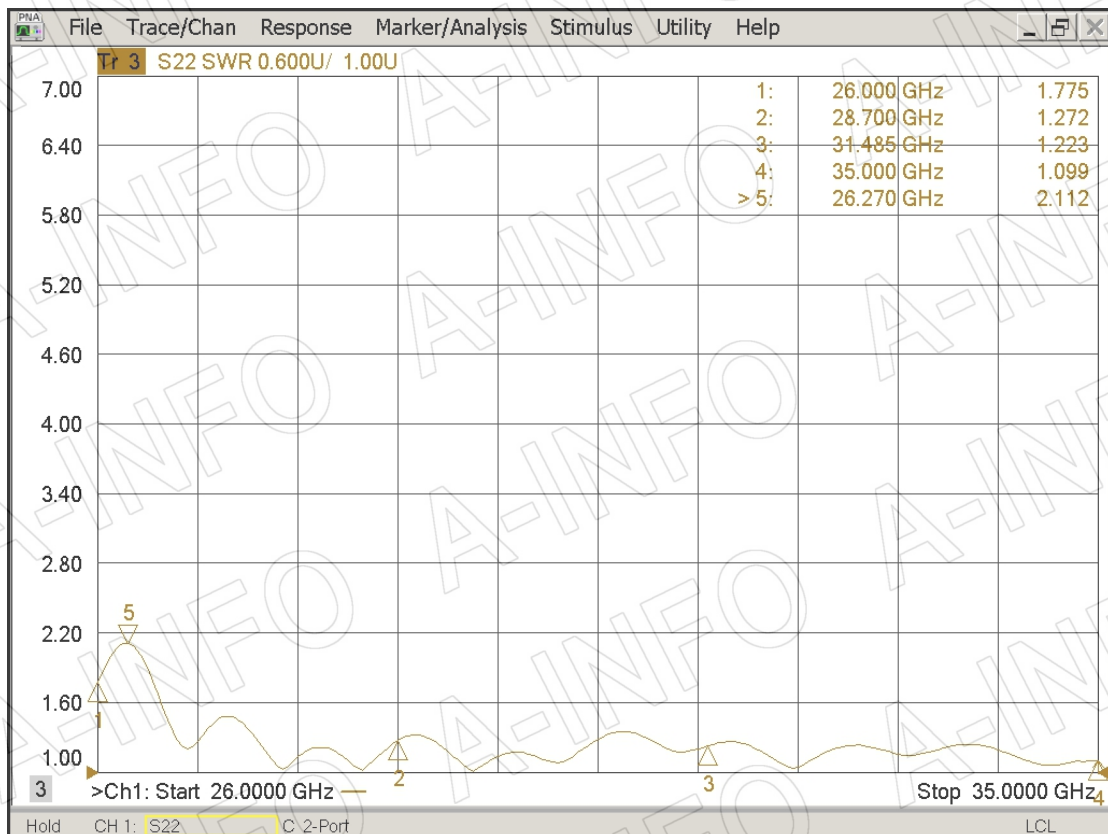


## VSWR\_C Type

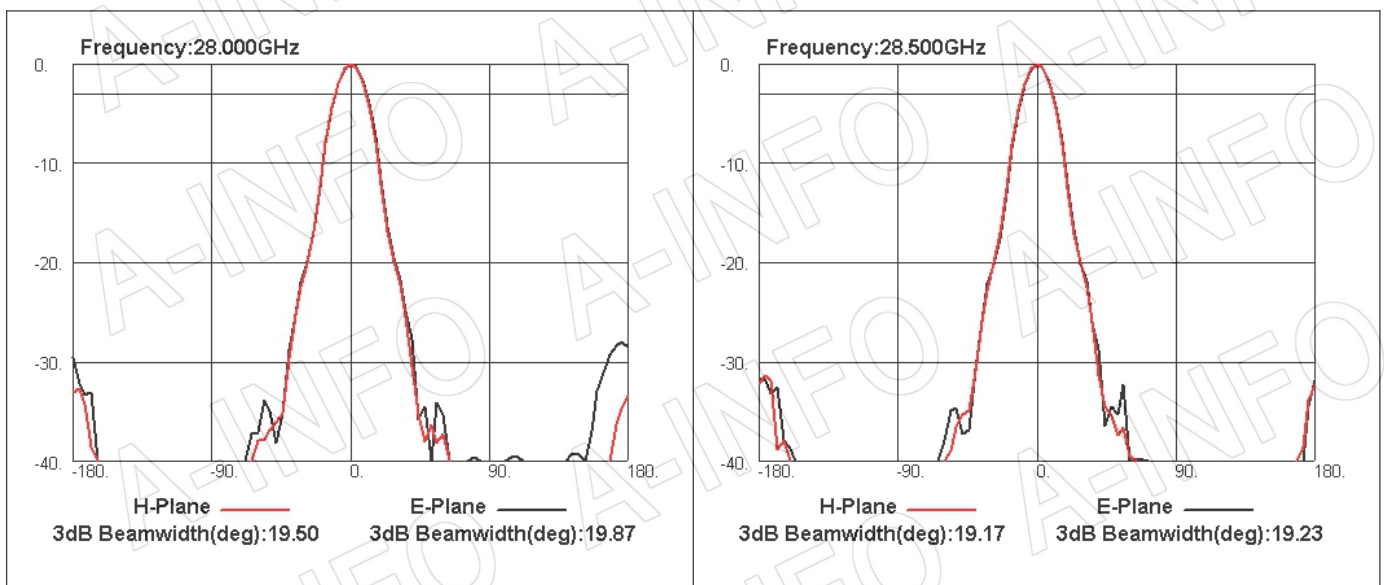
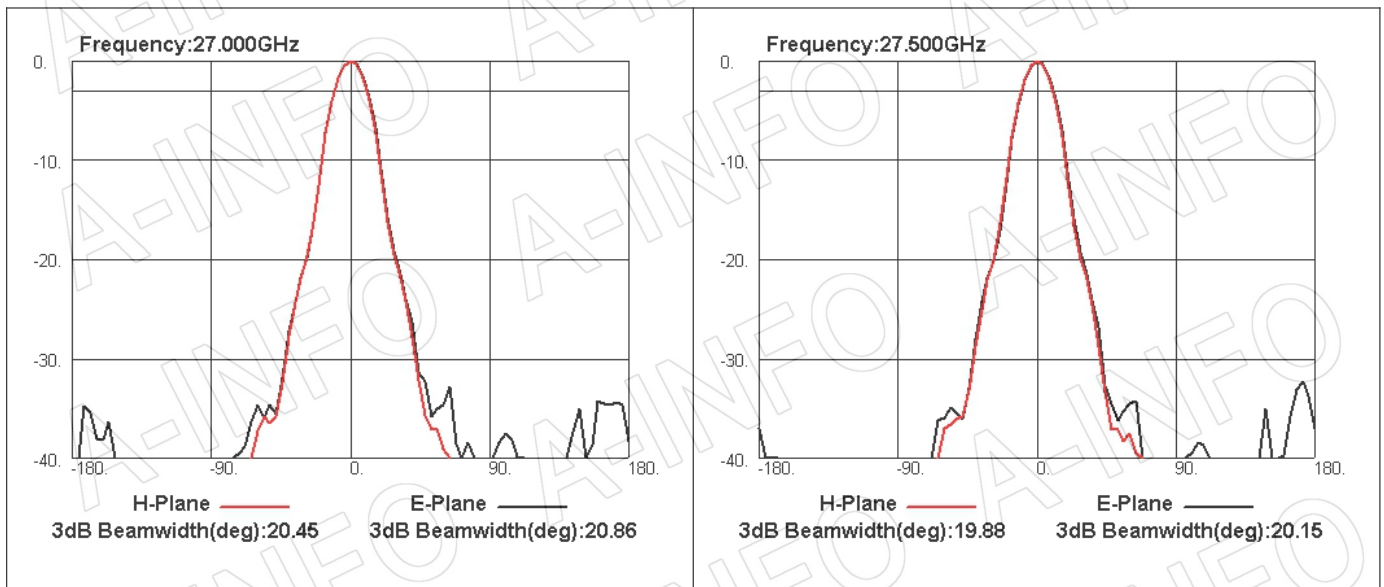
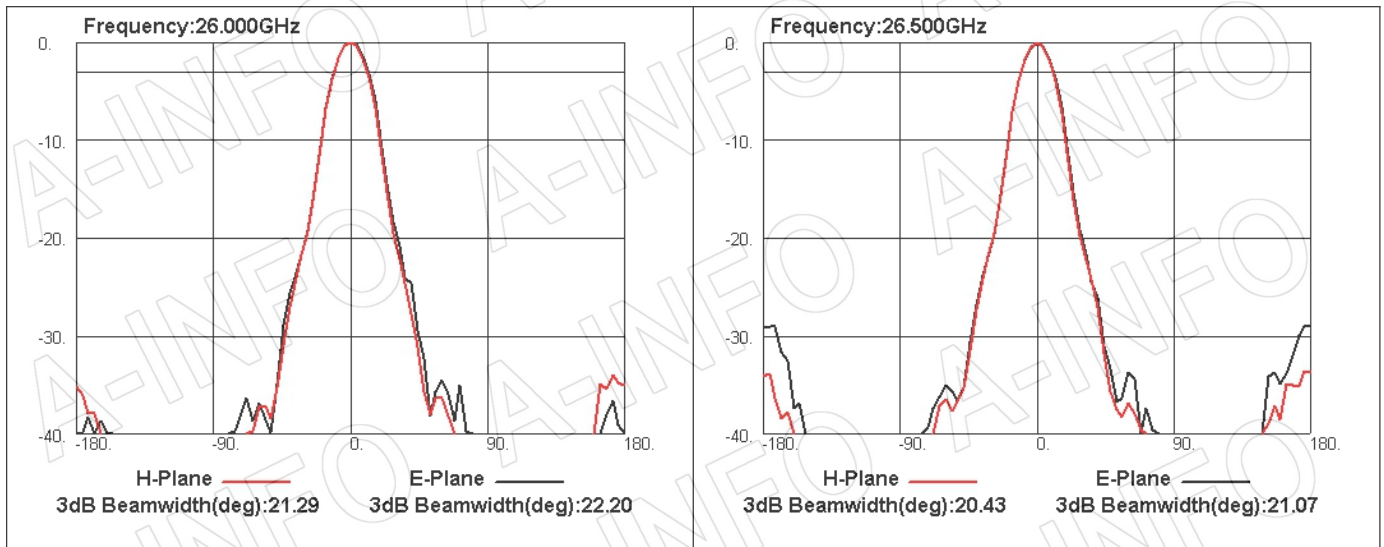
### Port-H



### Port-V



## 5. Pattern



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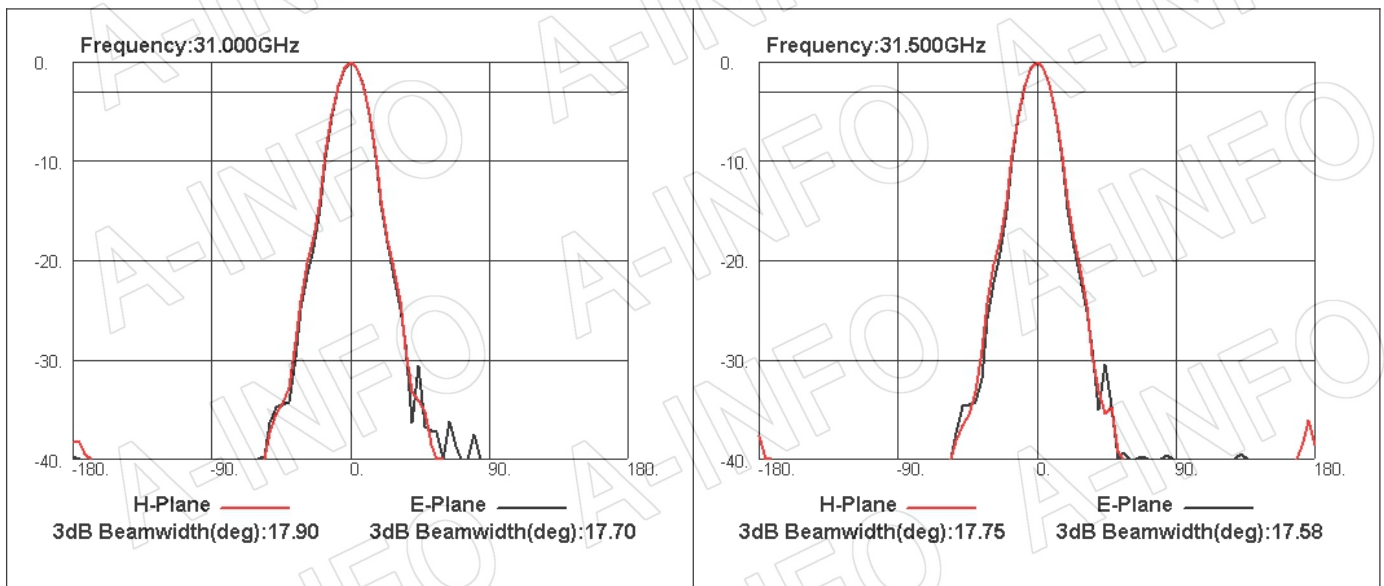
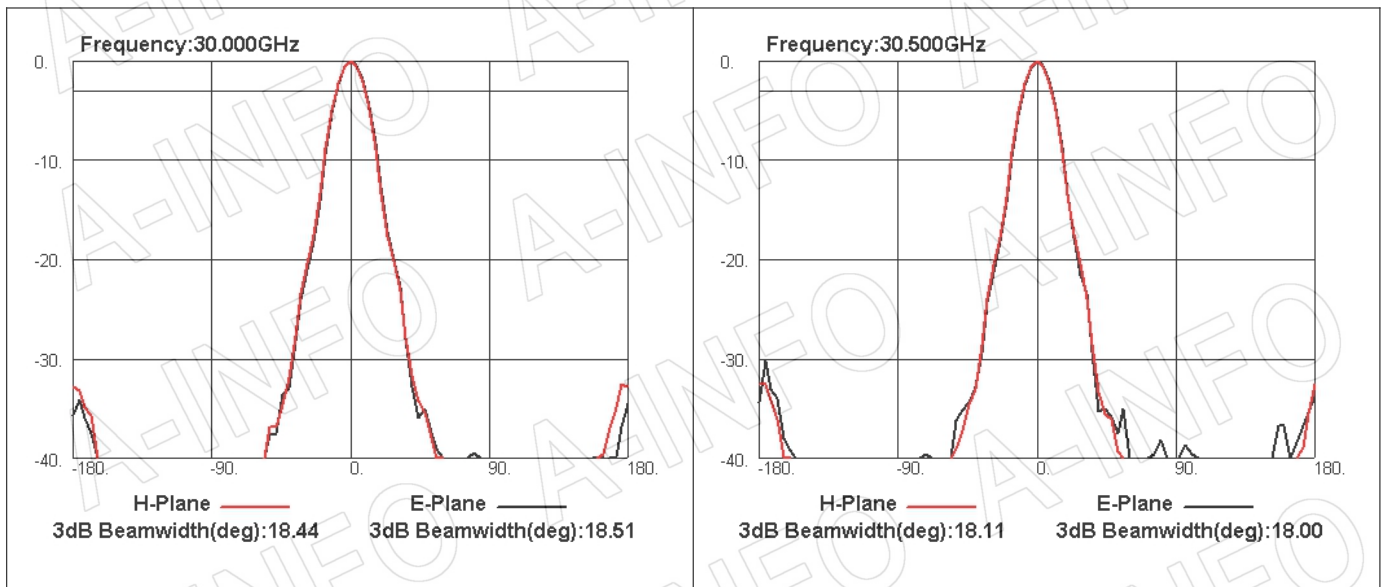
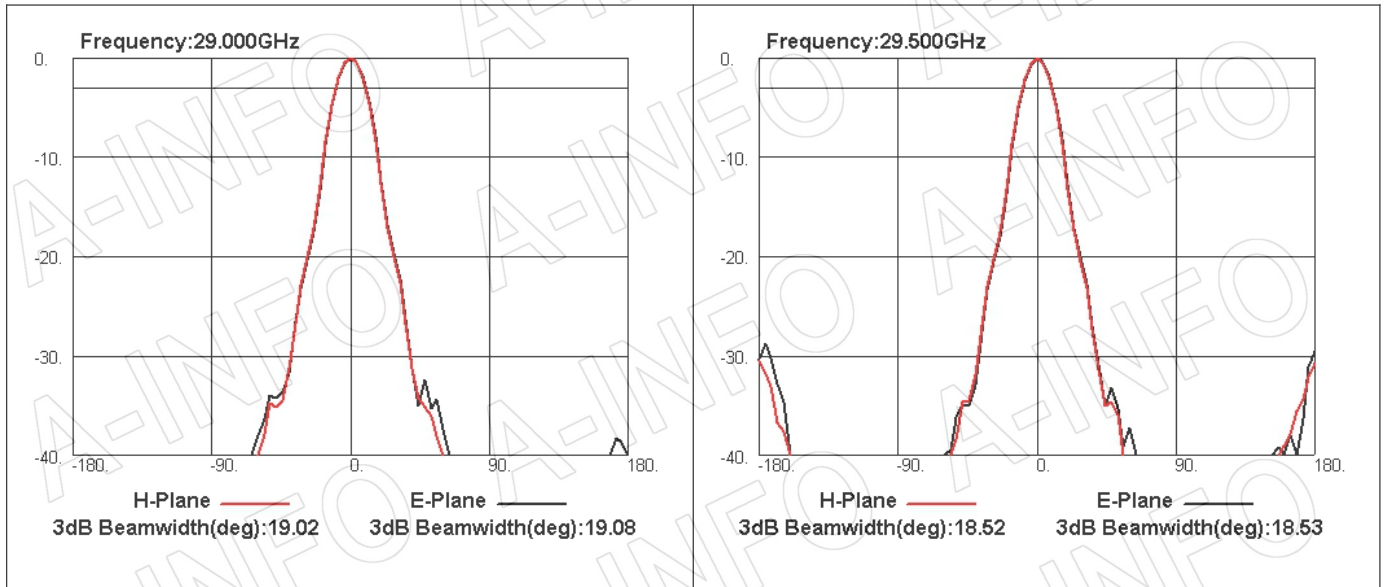
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 USA: Tel: (+1) 949-639-9688,

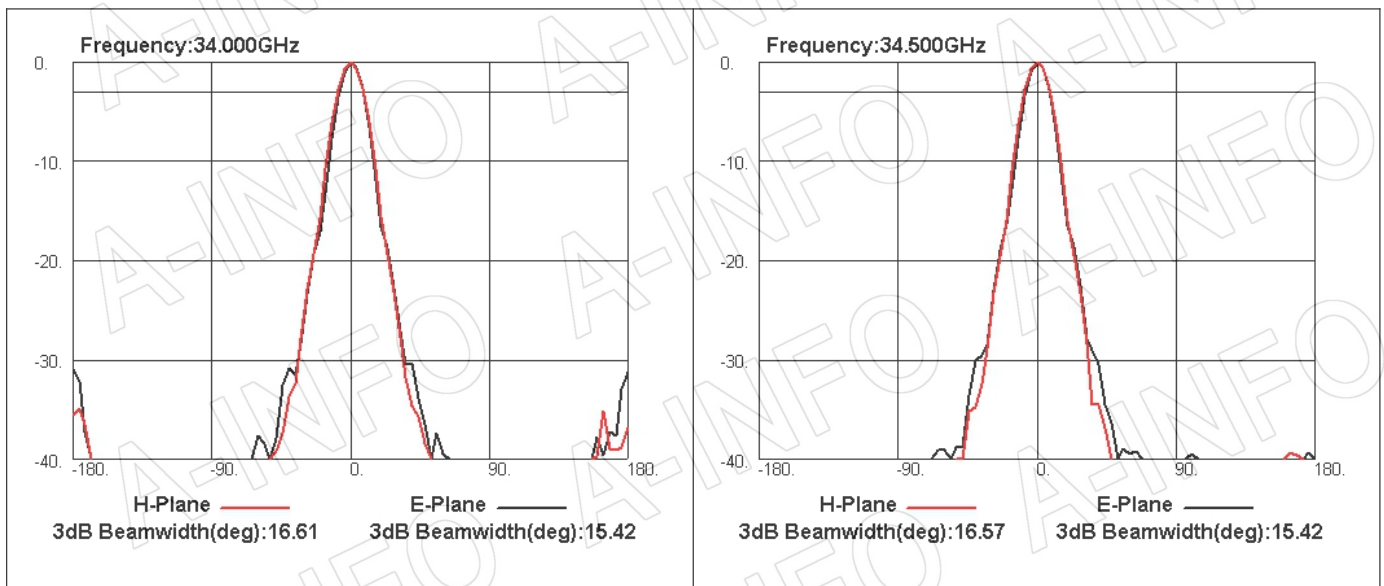
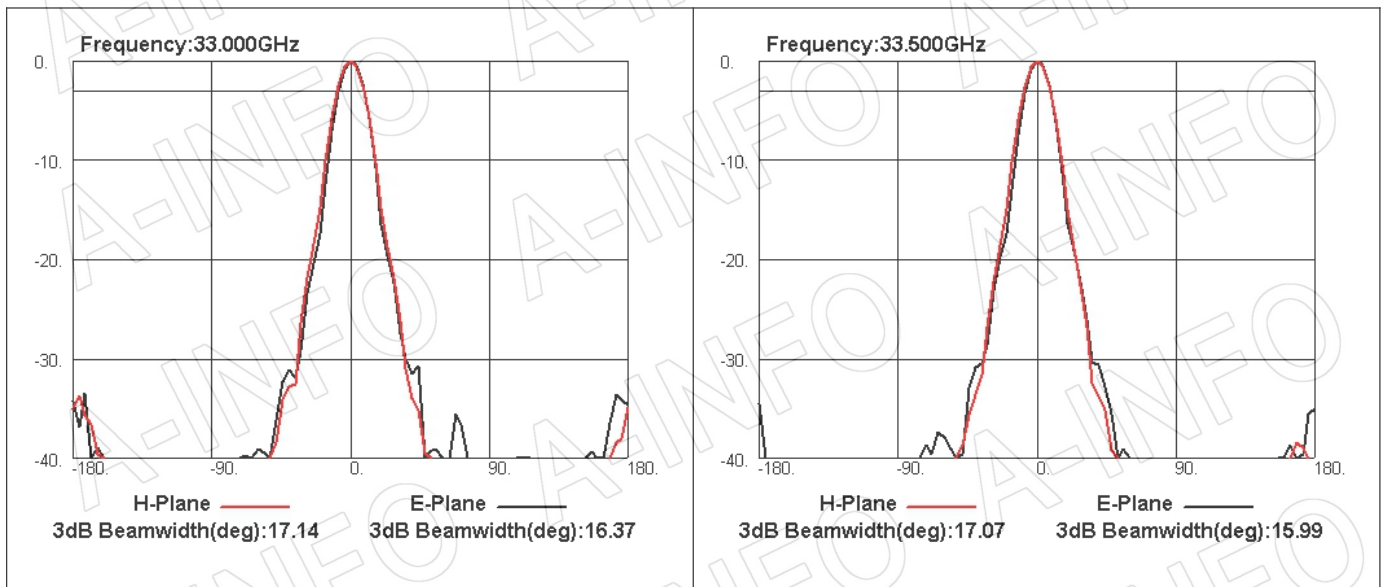
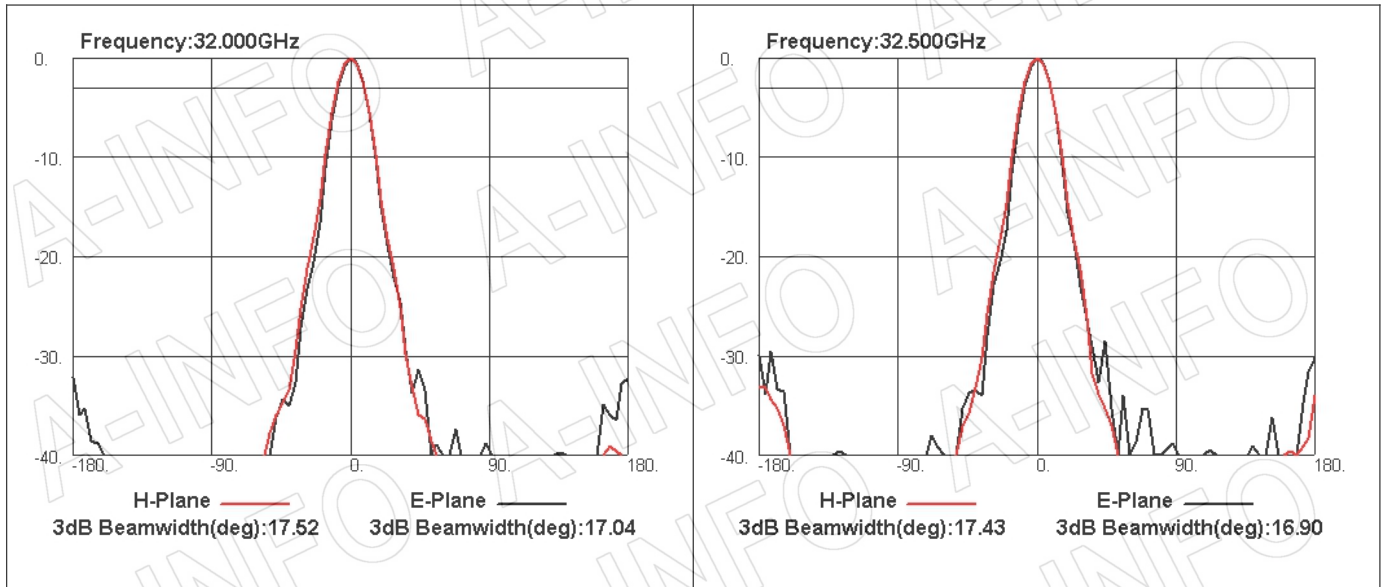
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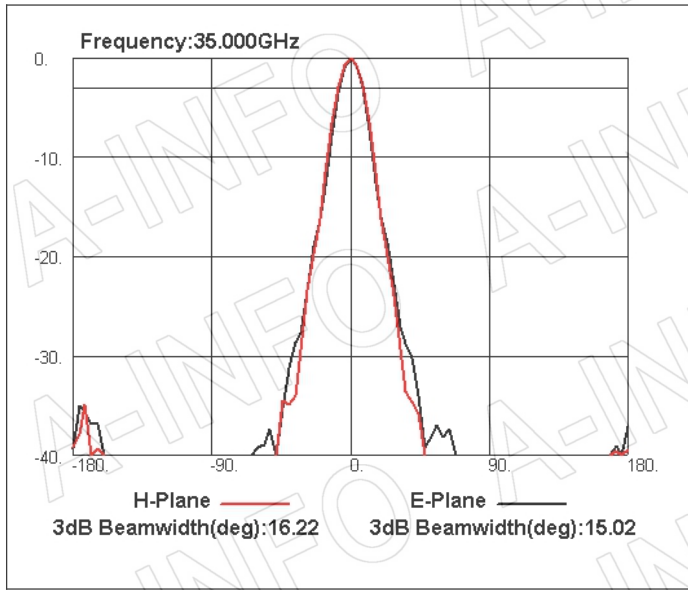
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