

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

## Technical Specification

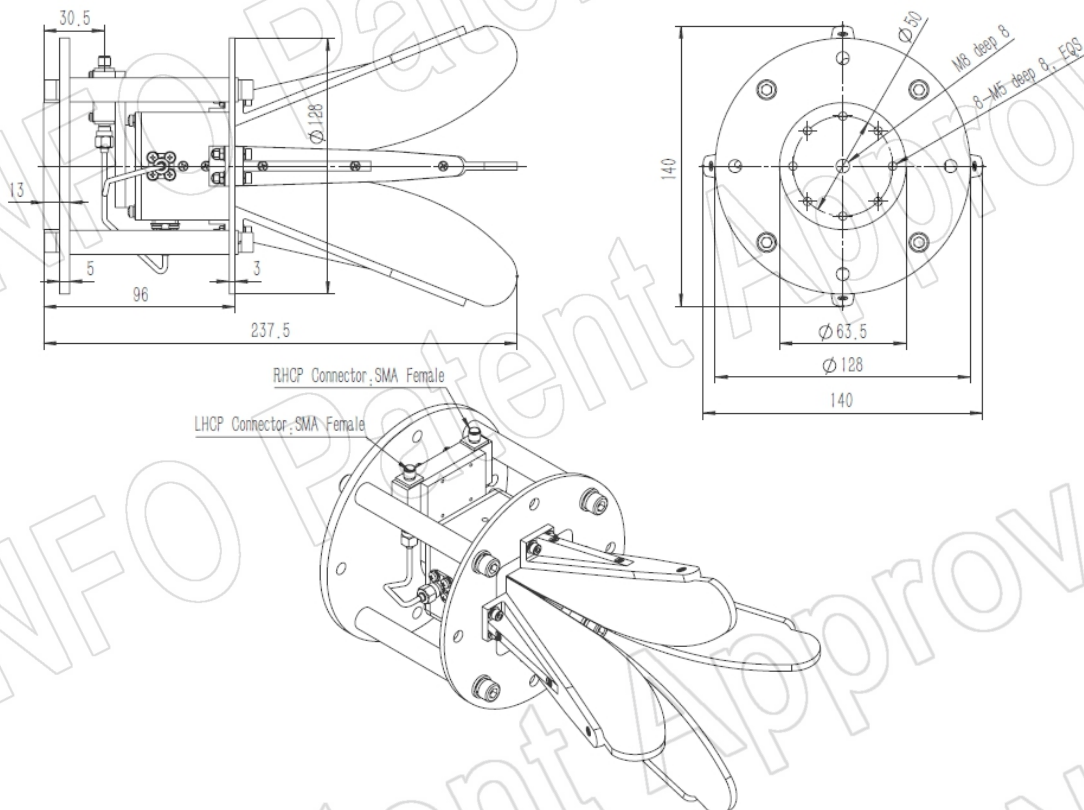


Frequency Range(GHz)	2.0 – 18.0
Gain(dBic)	11.5 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	4.0 Typ.
	9.0 Max.
3dB Beamwidth(deg)	E Plane: 56 - 17
	H Plane: 91 - 12
Port to Port Isolation(dB)	15 Typ.
VSWR	2.0:1 Max.
Connector	SMA-Female
Power Handling(W CW)	20 Max.
Material	Al
Finish	Chemical Conversion Coating and Nickel Plated, Black Paint
Size(mm)	140 x 140 x 237.5
Net Weight(Kg)	1.12 Around

**PATENT ID (US)**
**US 11139578**
**PATENT ID (China)**
**ZL201822143668.8, ZL201822143669.2, ZL201630454775.6**

## Outline Drawing (Size: mm)

SMA-Female Output (P/N: LB-OSJ-20180-P03)


**AINFO Inc.**

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

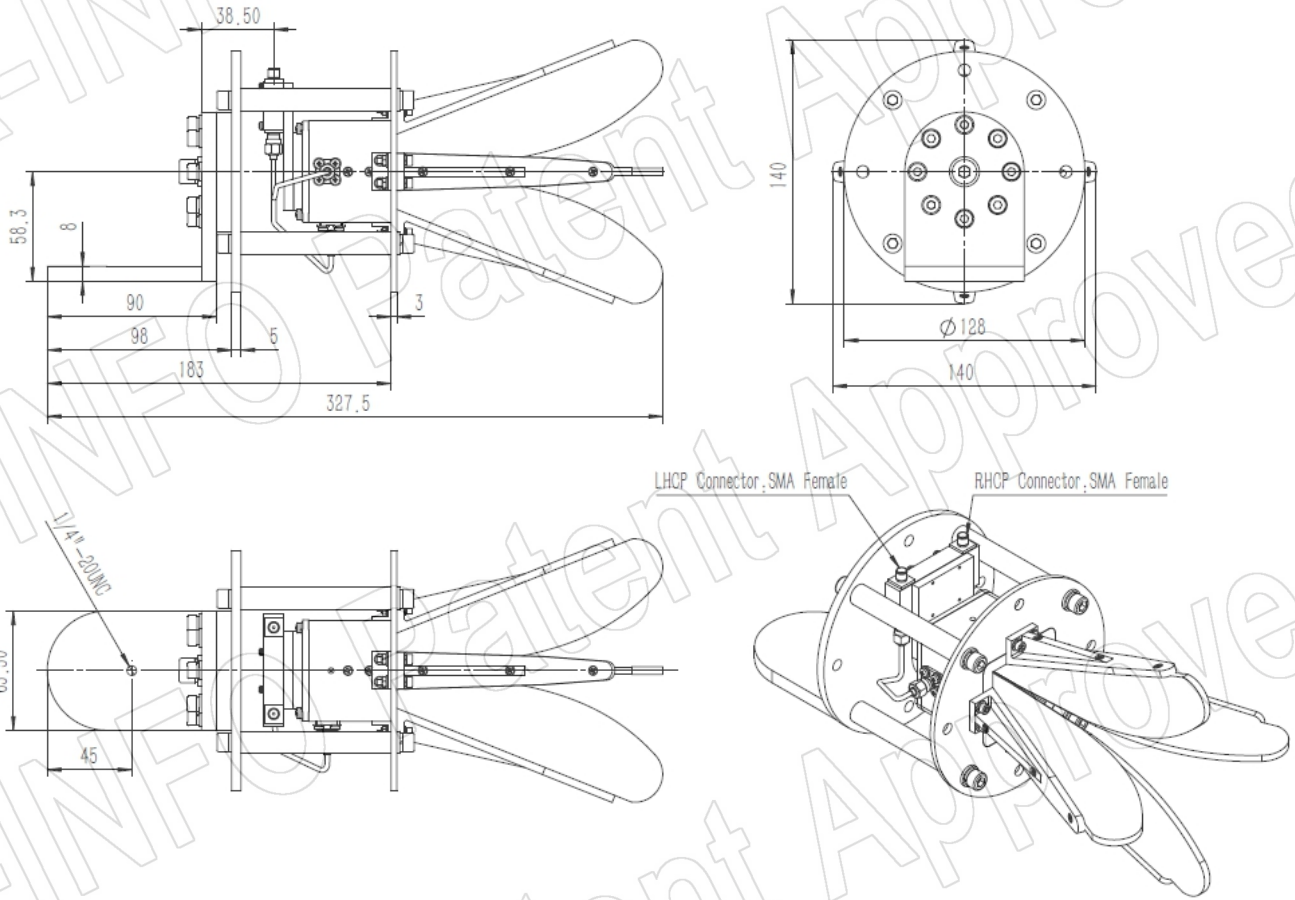
Tel: (+86) 10-6266-7326,  
Tel: (+86) 28-8519-2786,  
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Fax: (+86) 10-6266-7379  
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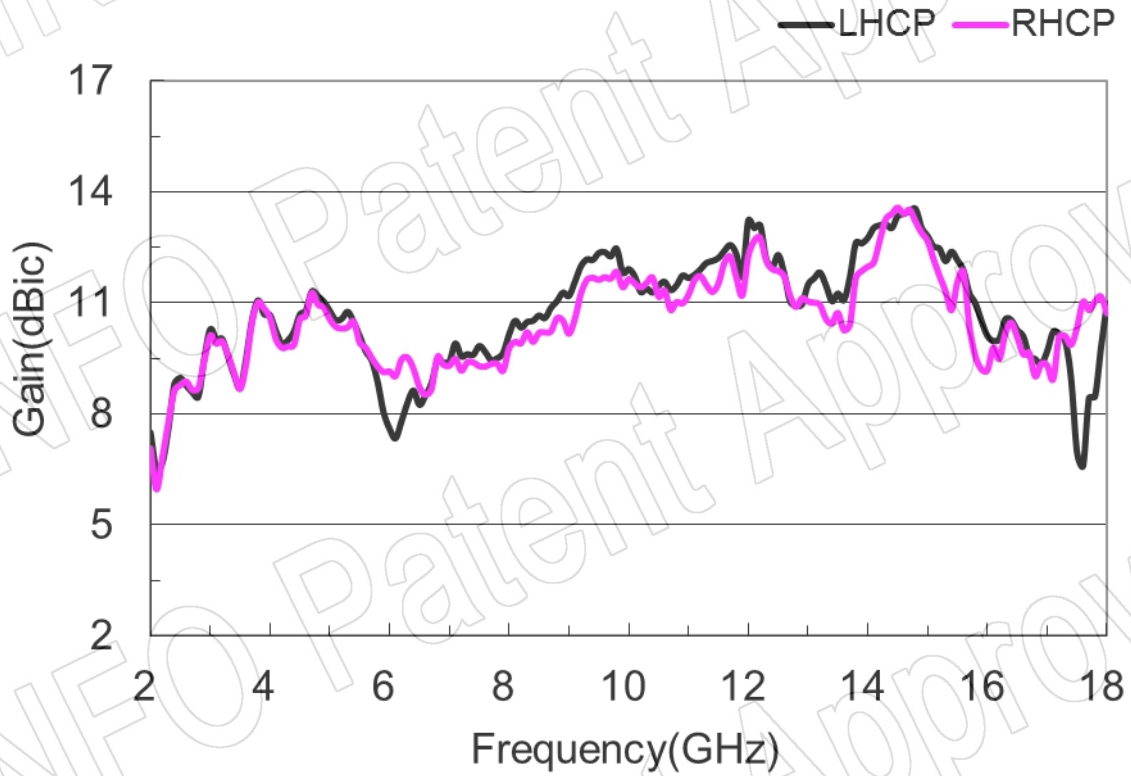
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-10180-L)

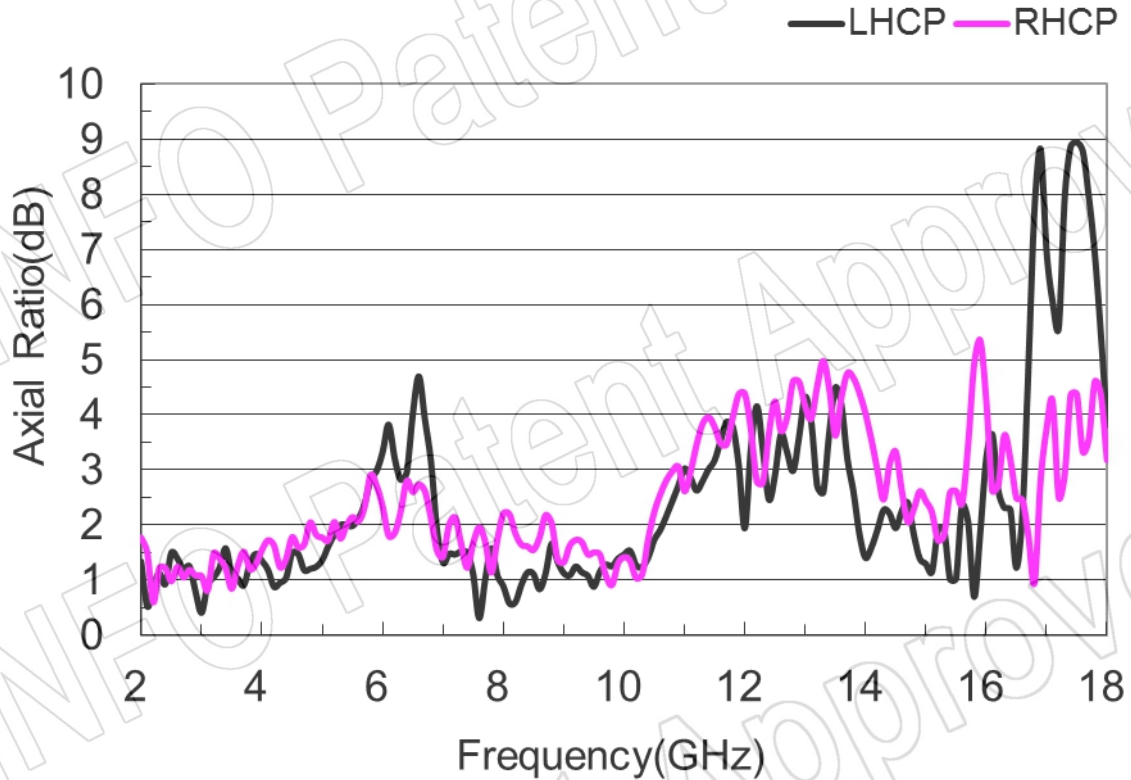


## Test Results

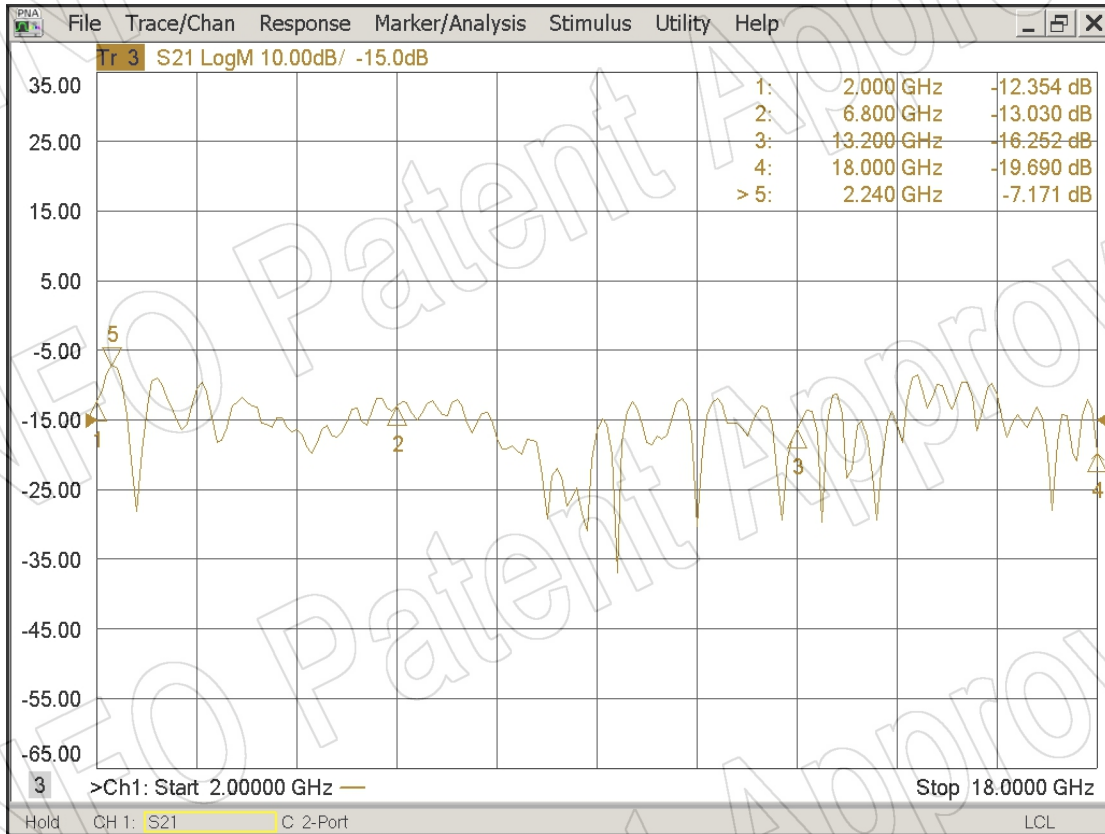
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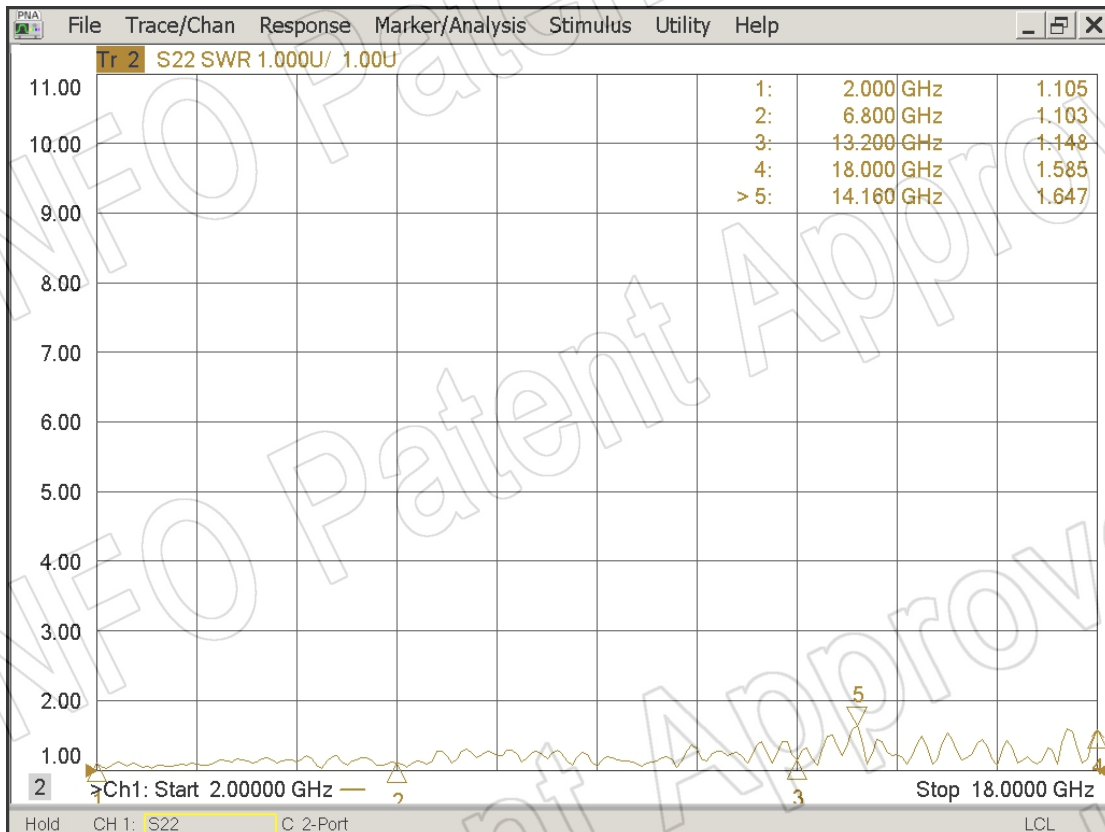
### 2. Axial Ratio



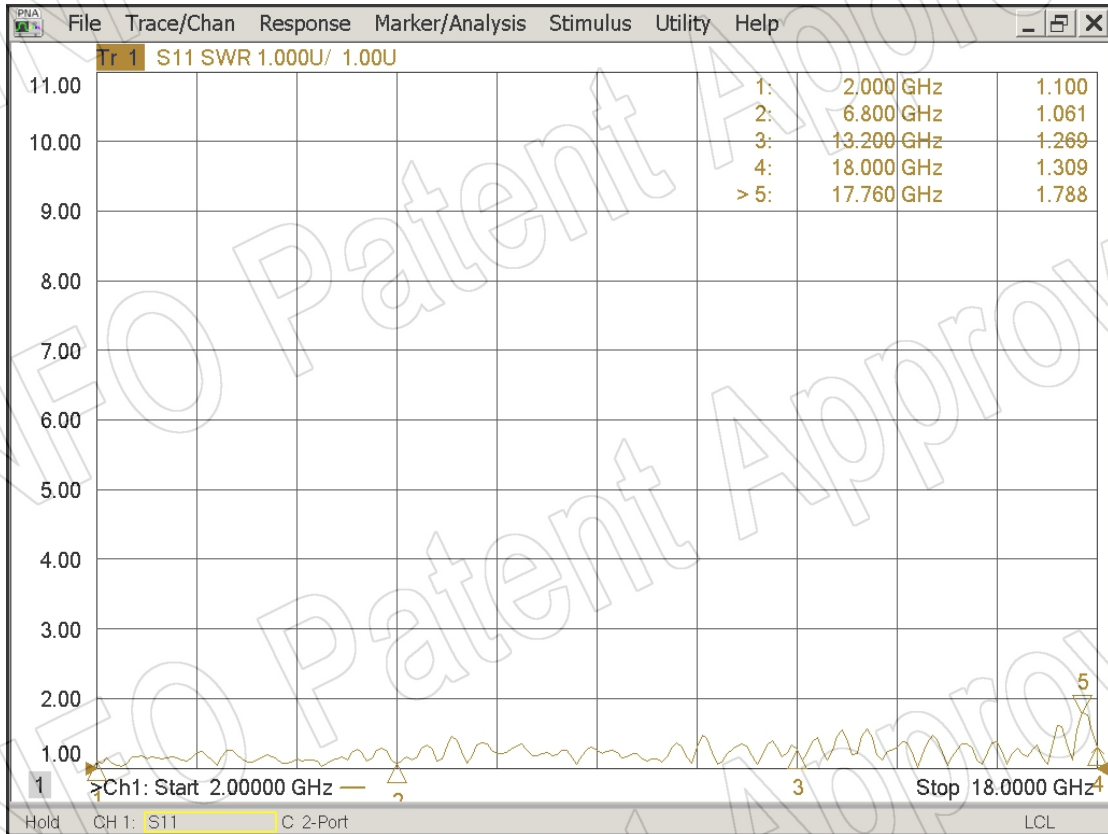
### 3. Port to Port Isolation



### 4. VSWR LHCP

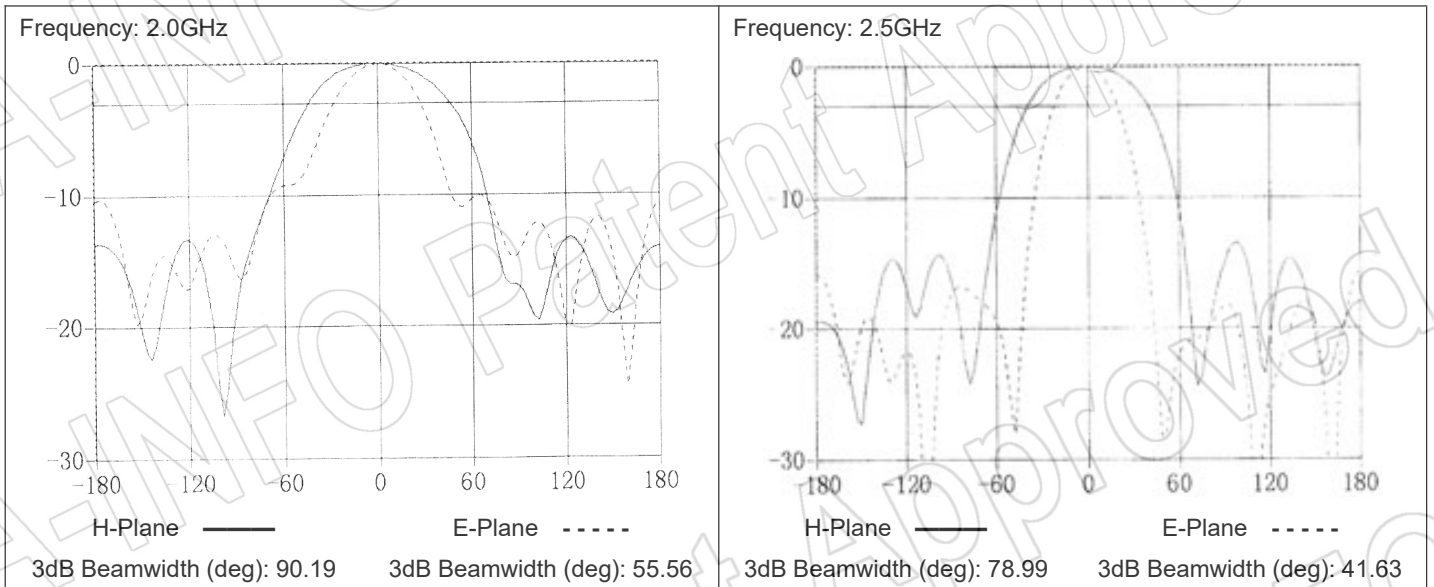


## RHCP



## 5. Pattern

### LHCP



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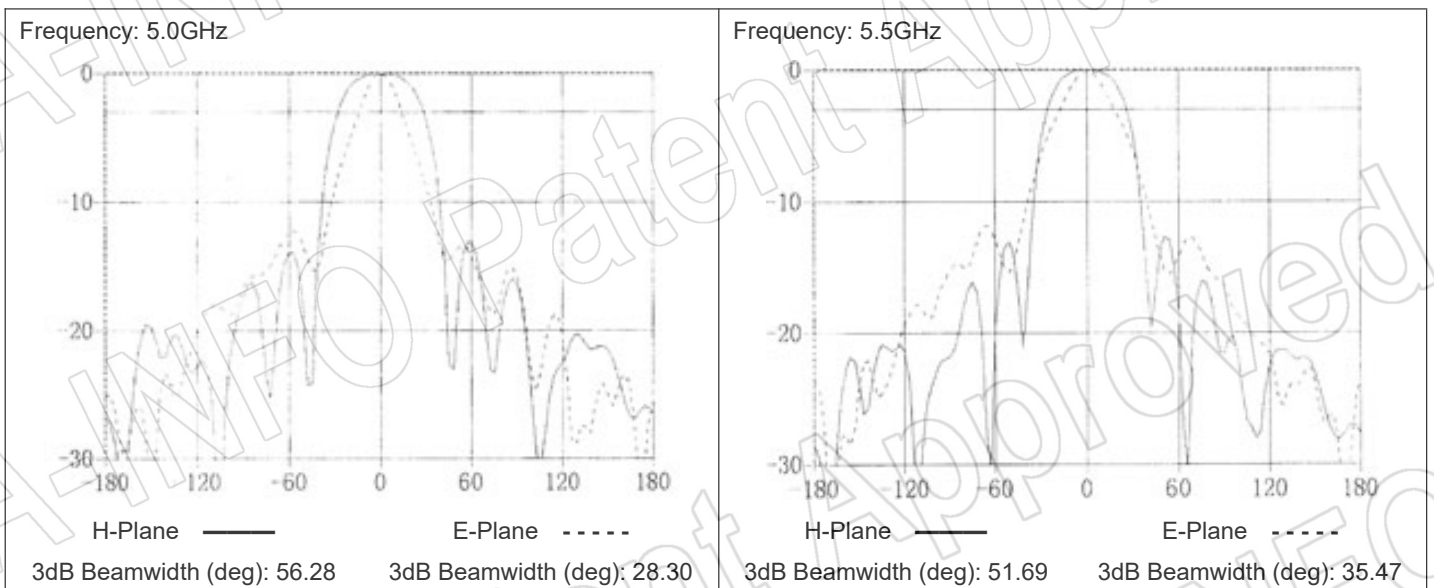
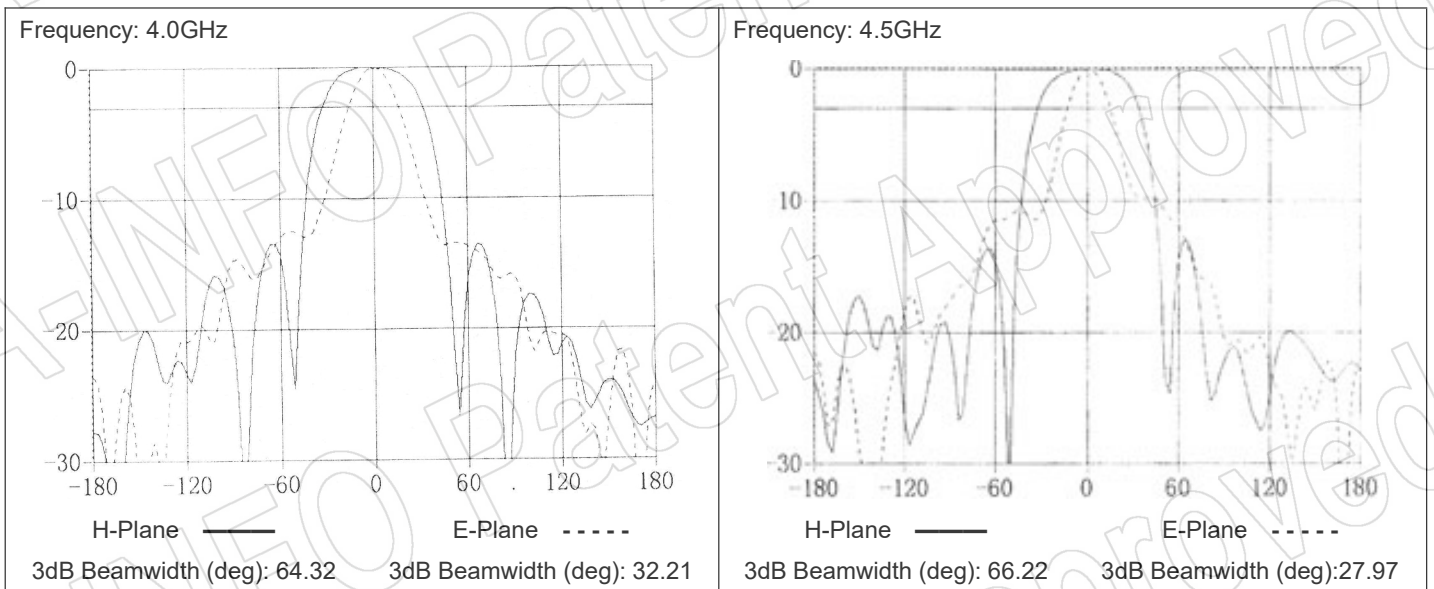
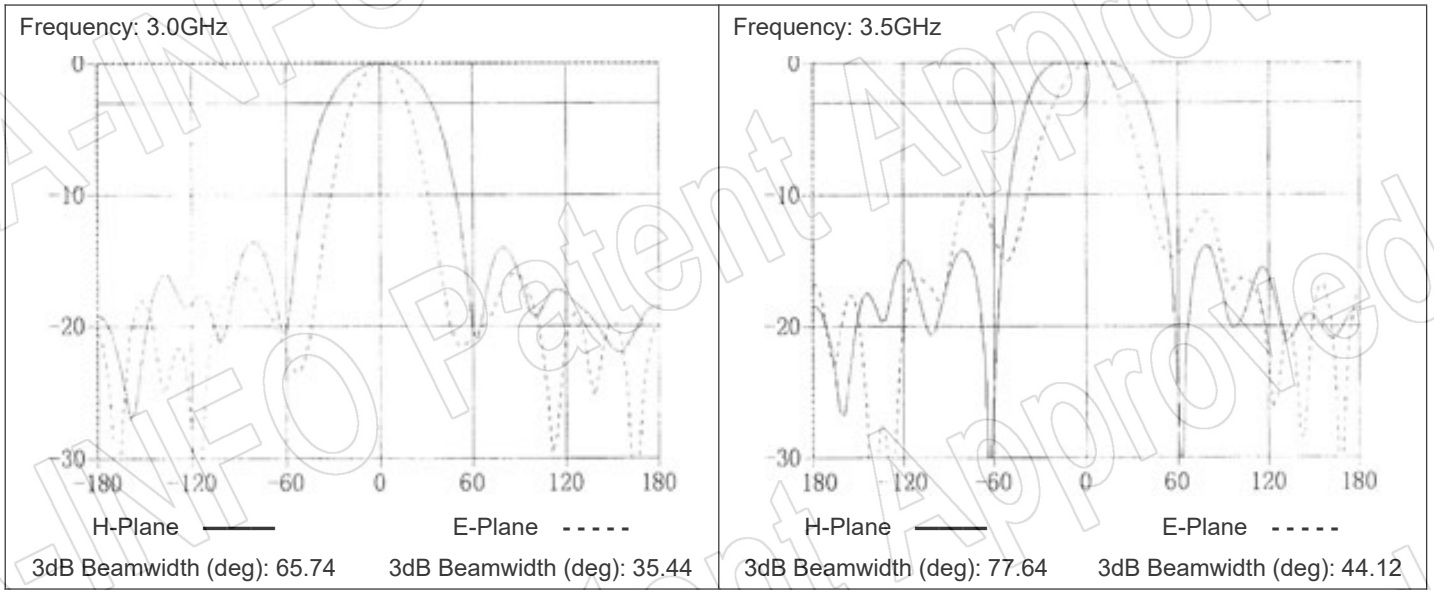
China(Beijing):  
China(Chengdu):  
USA :

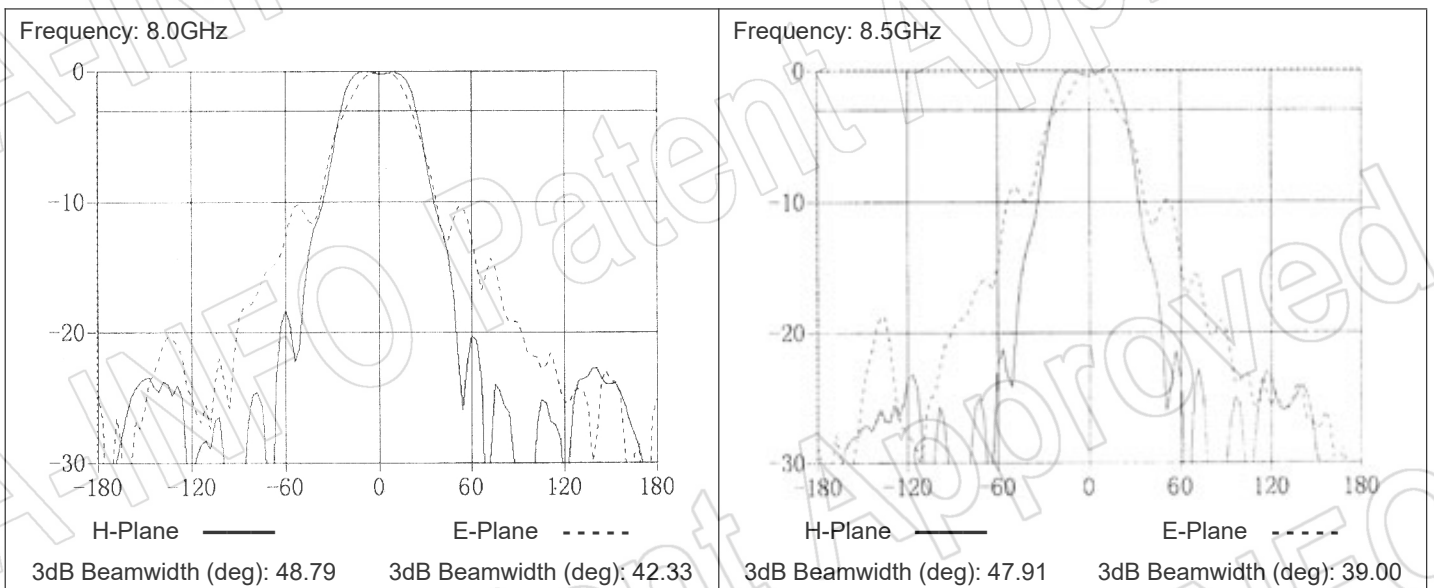
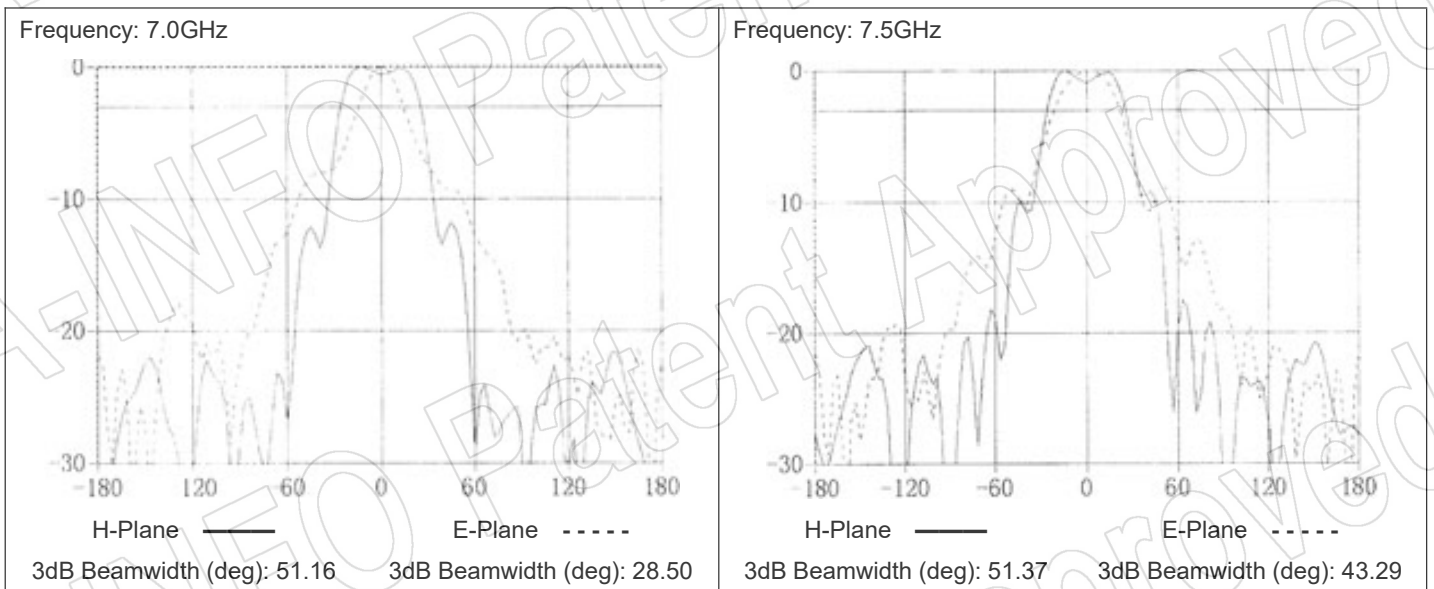
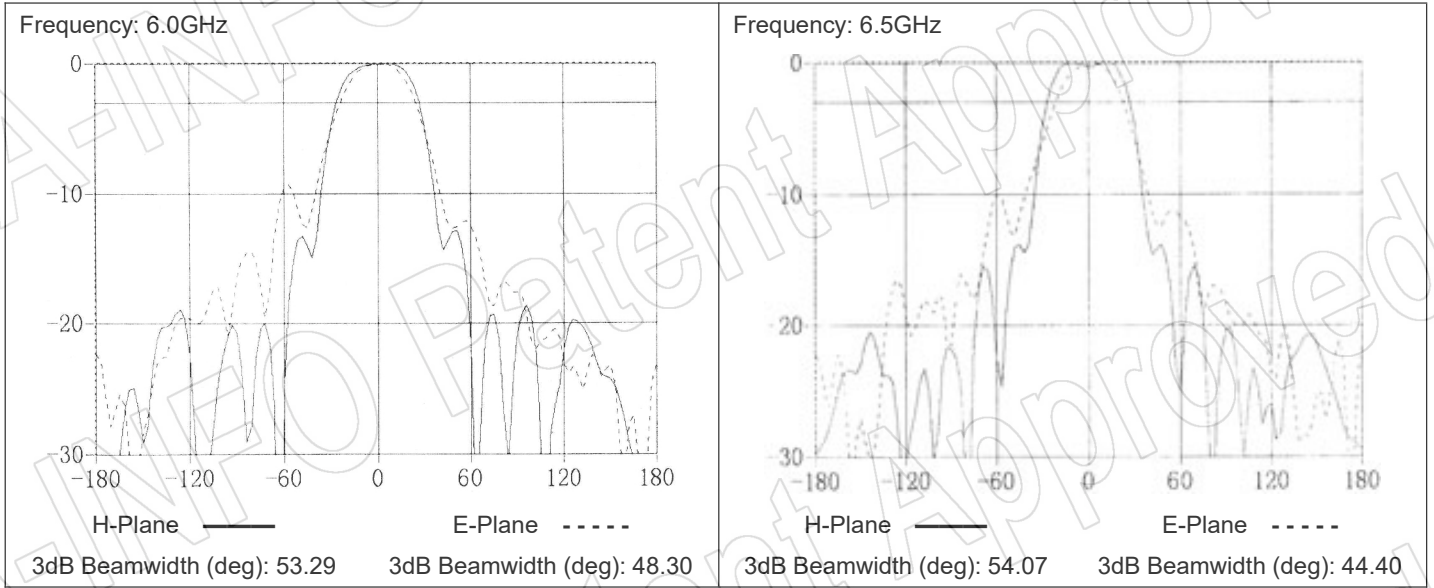
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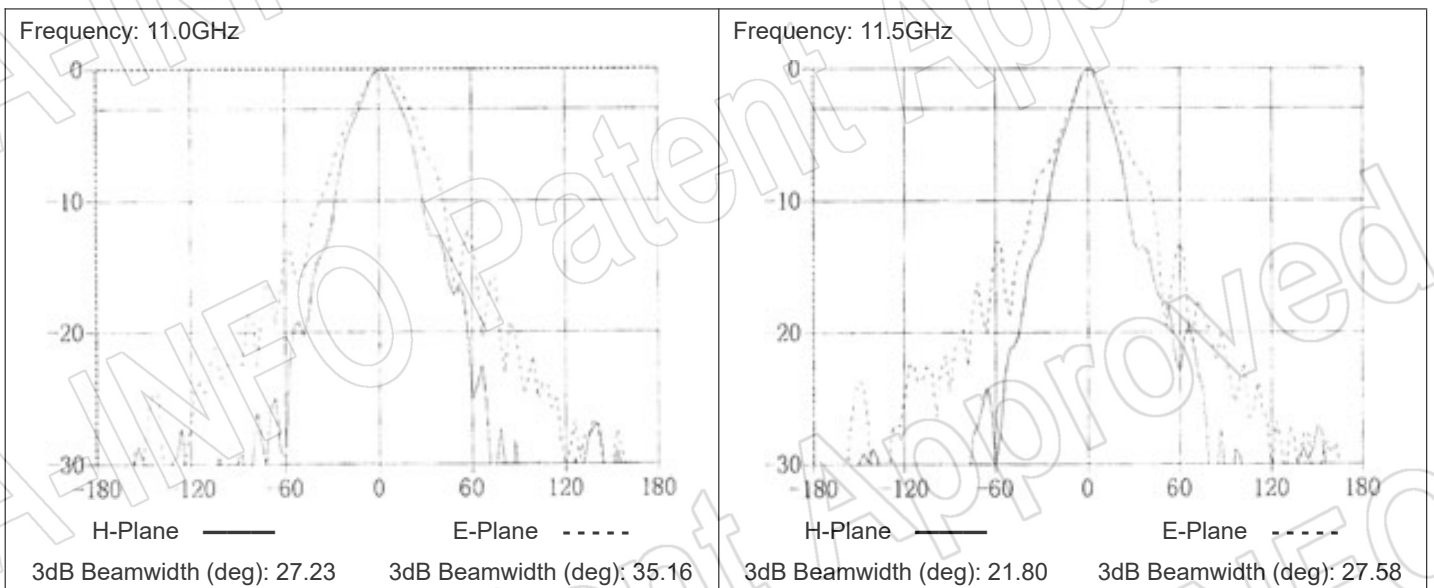
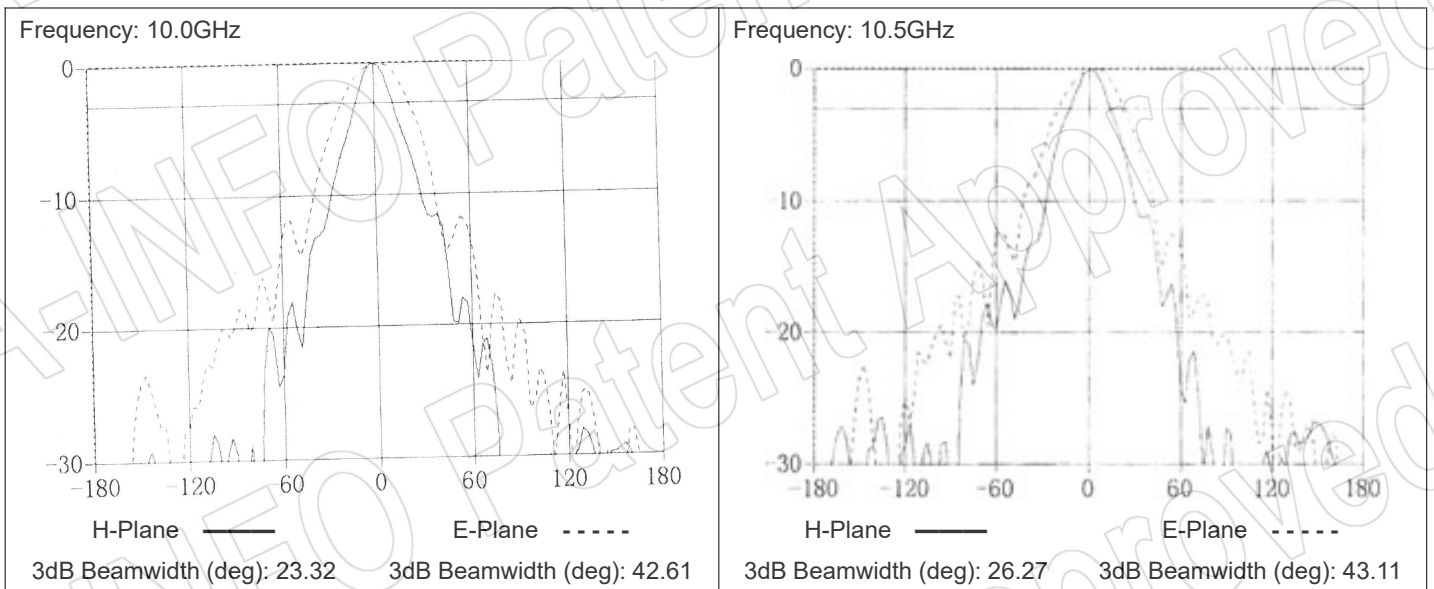
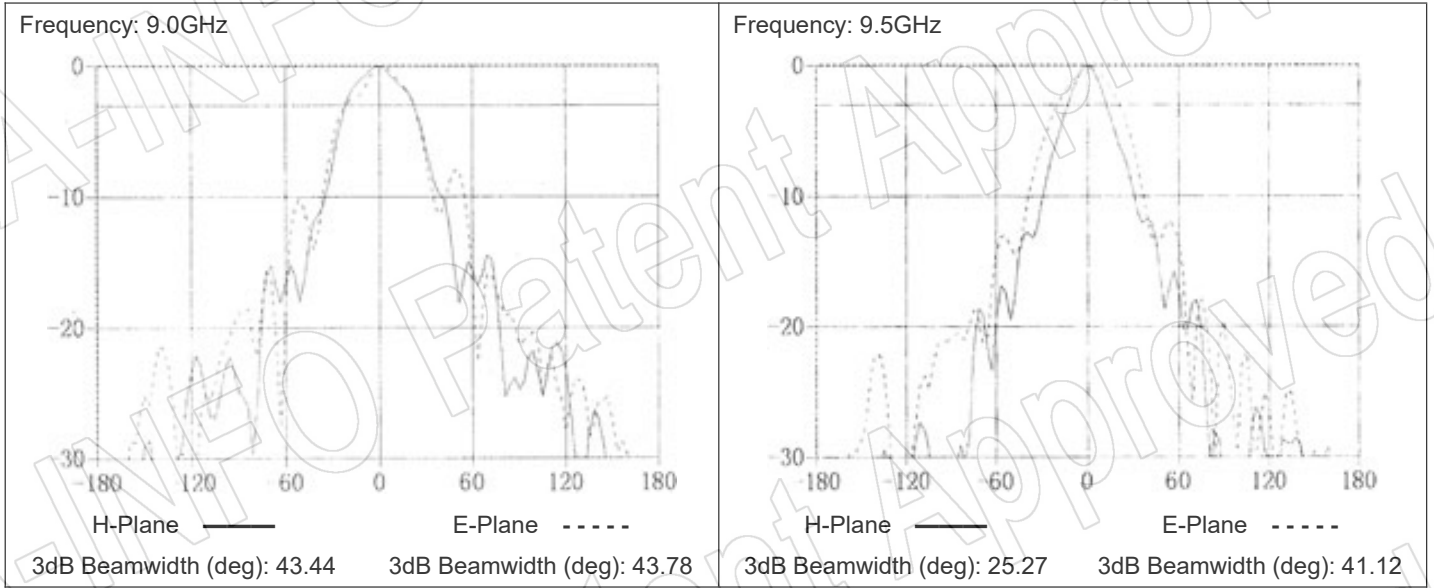
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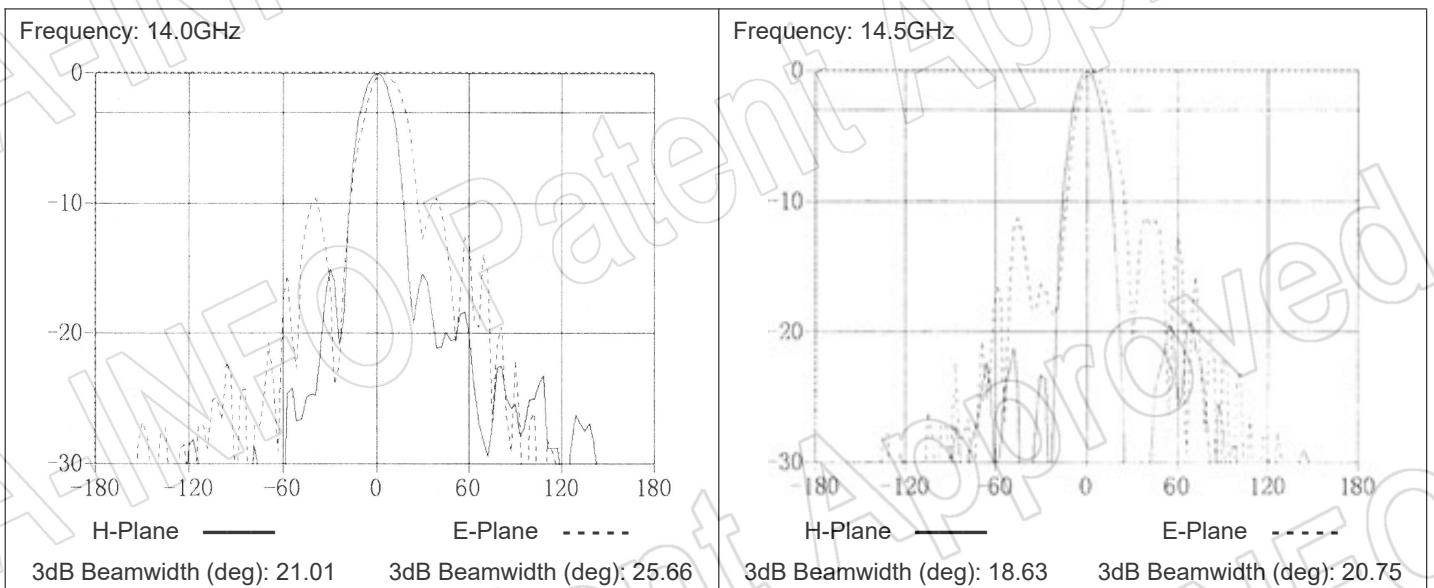
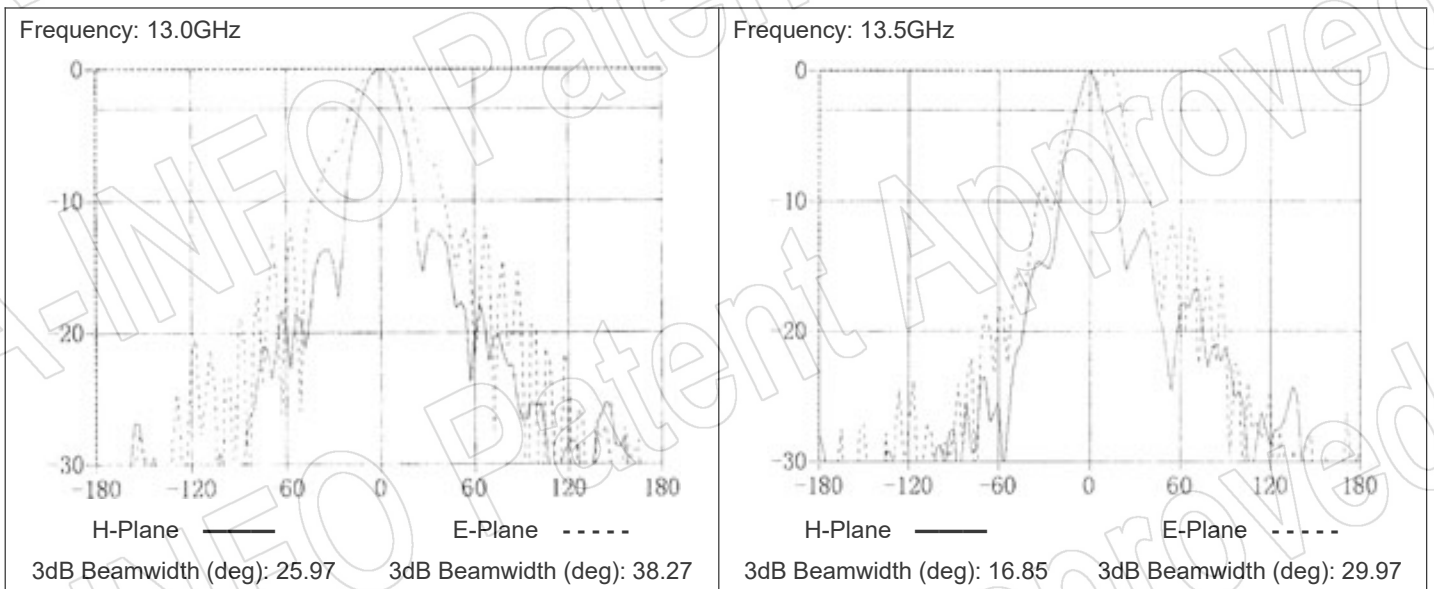
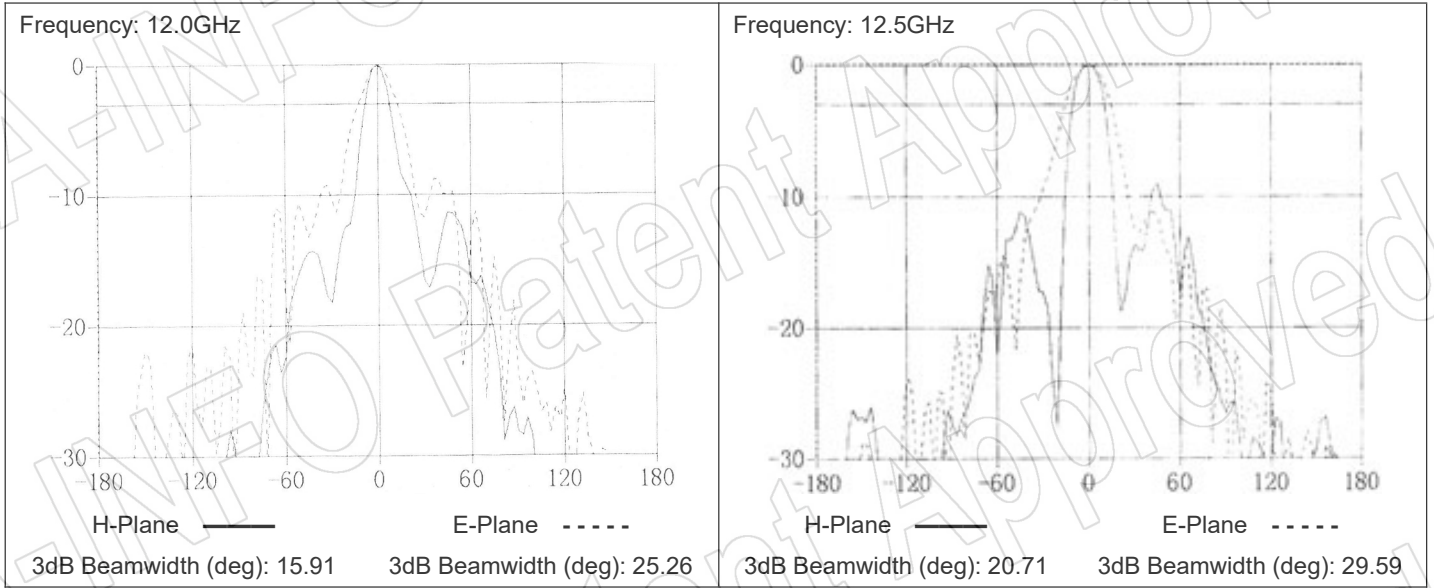
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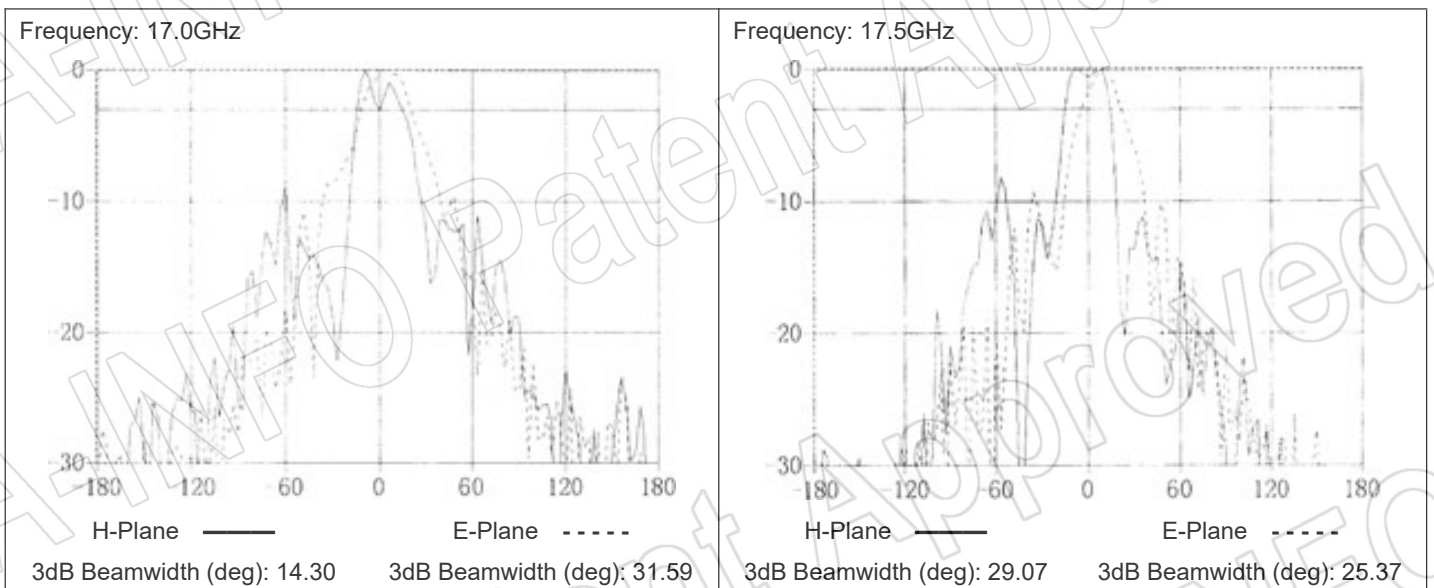
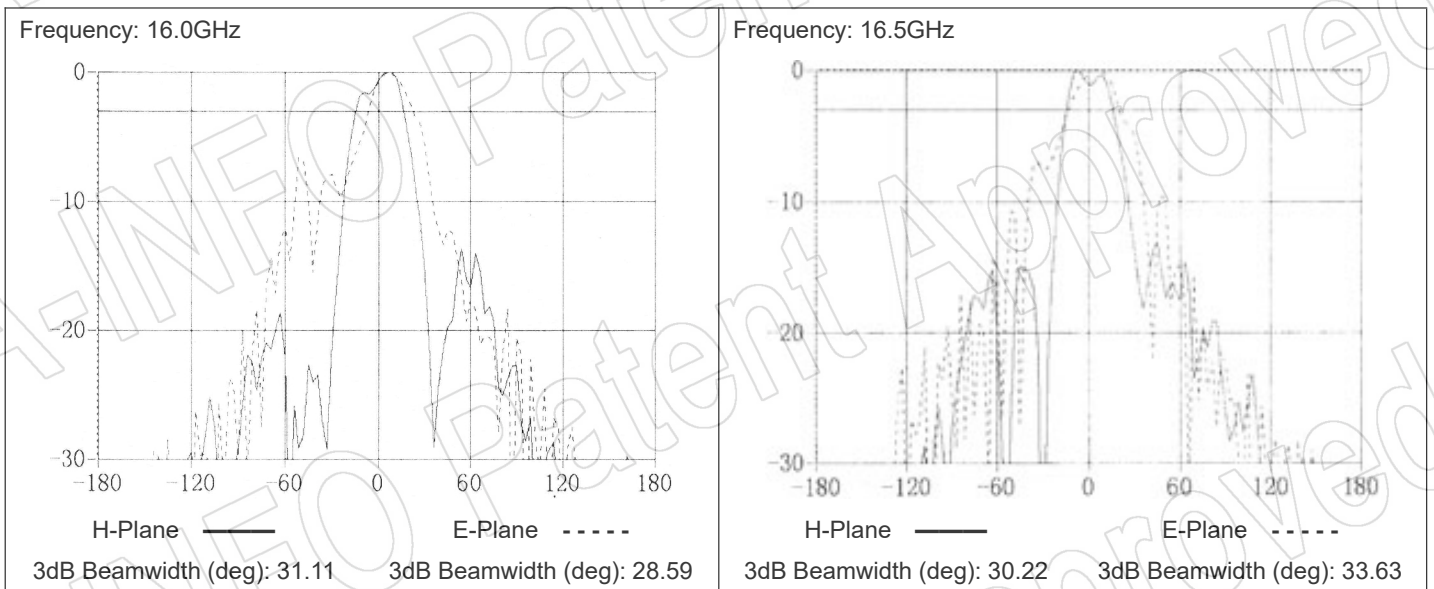
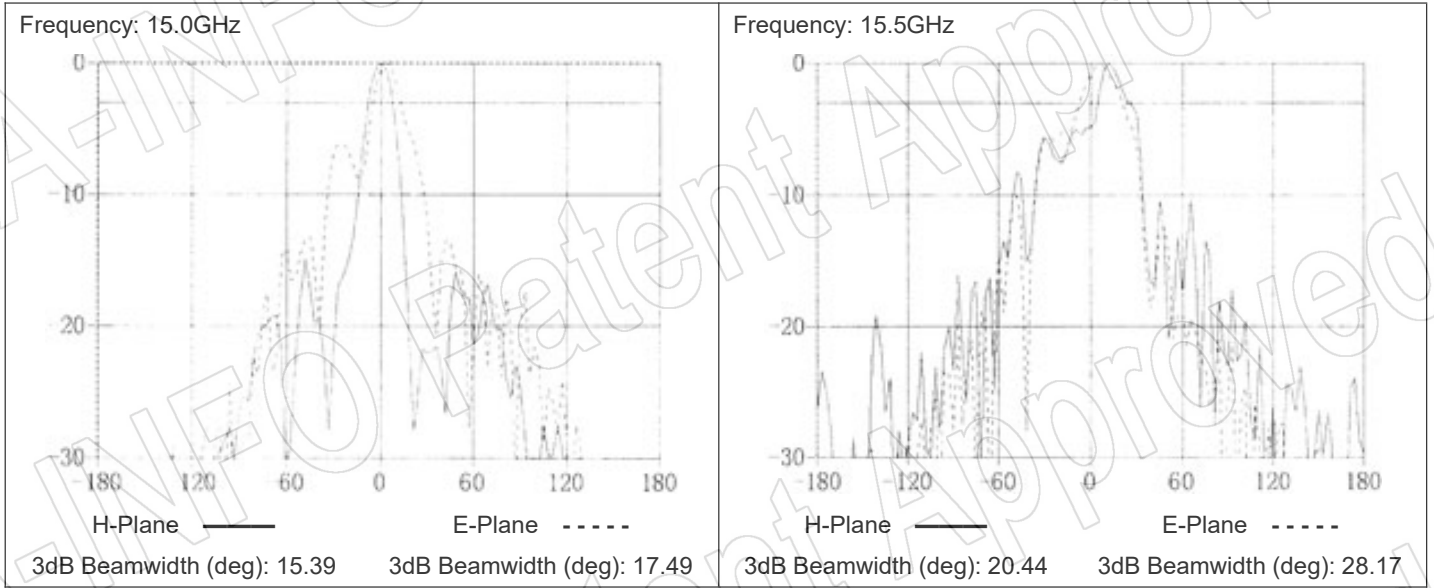


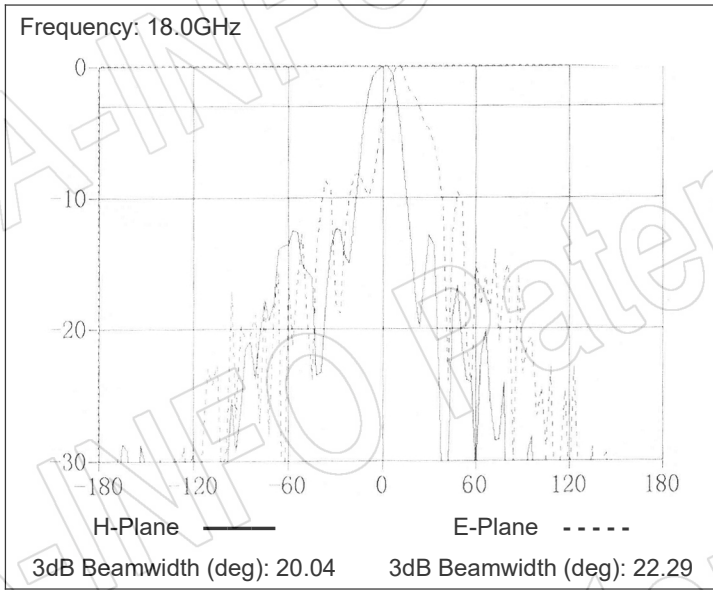












## RHCP

