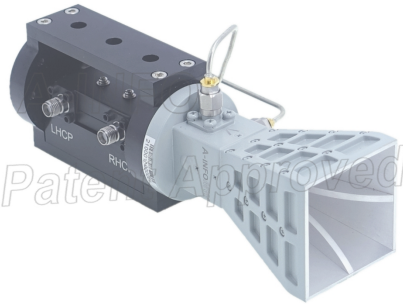


For reference only. See data sheet for the detailed specifications.

## Technical Specification



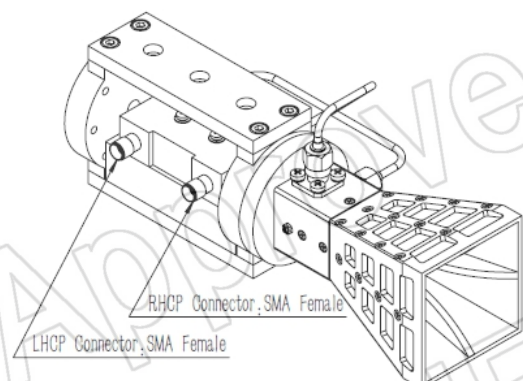
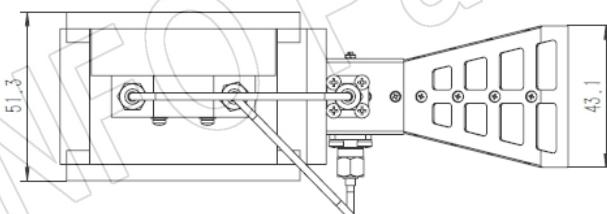
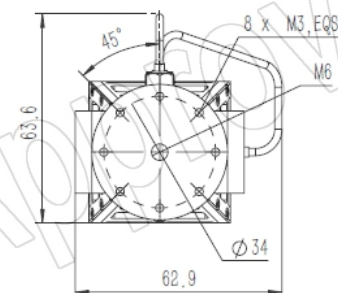
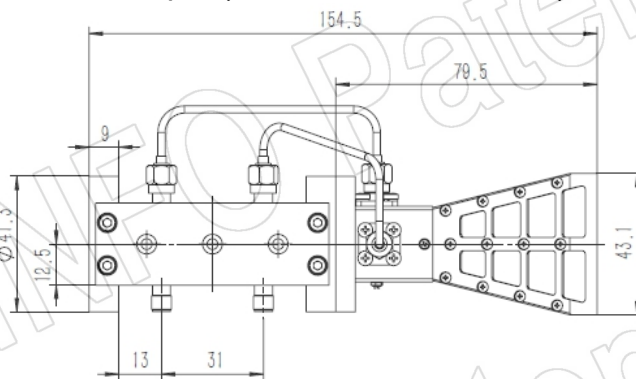
Frequency Range(GHz)	6.0 - 18.0
Gain(dBic)	12 Typ.
Polarization	Dual Circular
Axial Ratio(dB)	2.0 Typ.
	4.0 Max.
3dB Beamwidth(deg)	E Plane: 76 - 29
	H Plane: 75 - 30
Port to Port Isolation(dB)	15 Typ.
VSWR	2.0:1 Max.
Connector	SMA-Female
Power Handling(W CW)	20 Max.
Material	Al
Finish	Chemical Conversion Coating and Anodizing, Gray Paint
Size(mm)	62.9 x 63.6 x 154.5
Net Weight(Kg)	0.34 Around

**PATENT ID (China)**

**ZL201822143668.8, ZL201630458327.3**

## Outline Drawing (Size: mm)

SMA-Female Output (P/N: LB-SJ-60180-P03)



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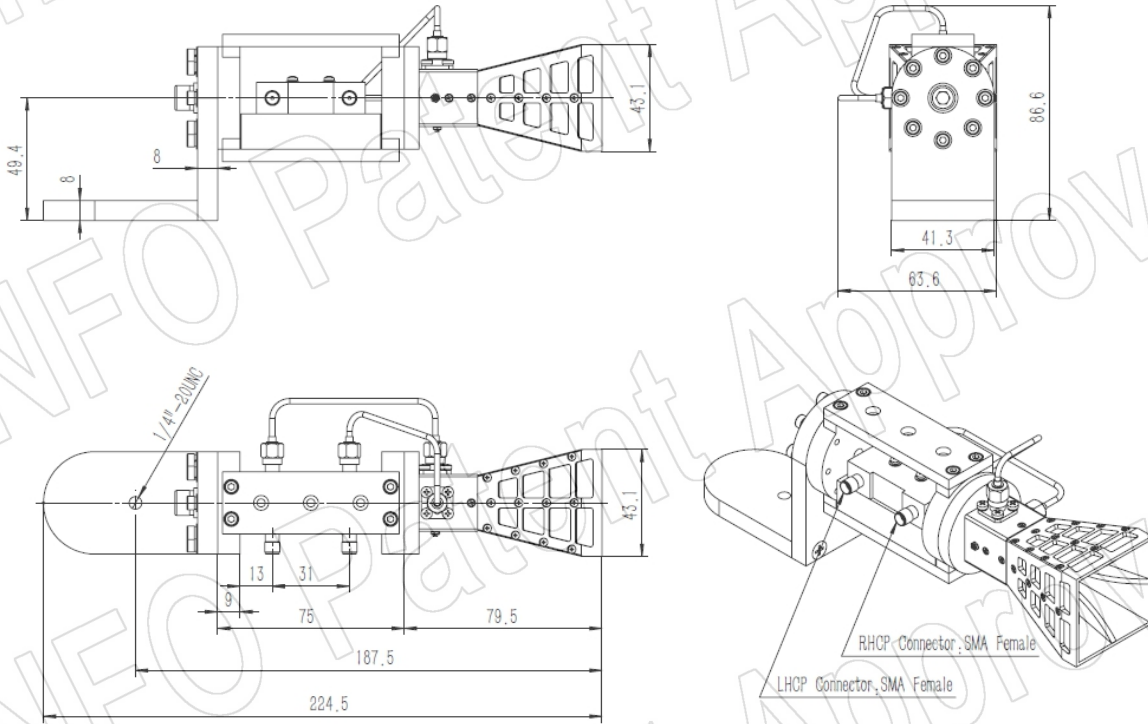
(+86) 10-6266-7327  
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(+1) 949-639-9608

Page 1 of 15

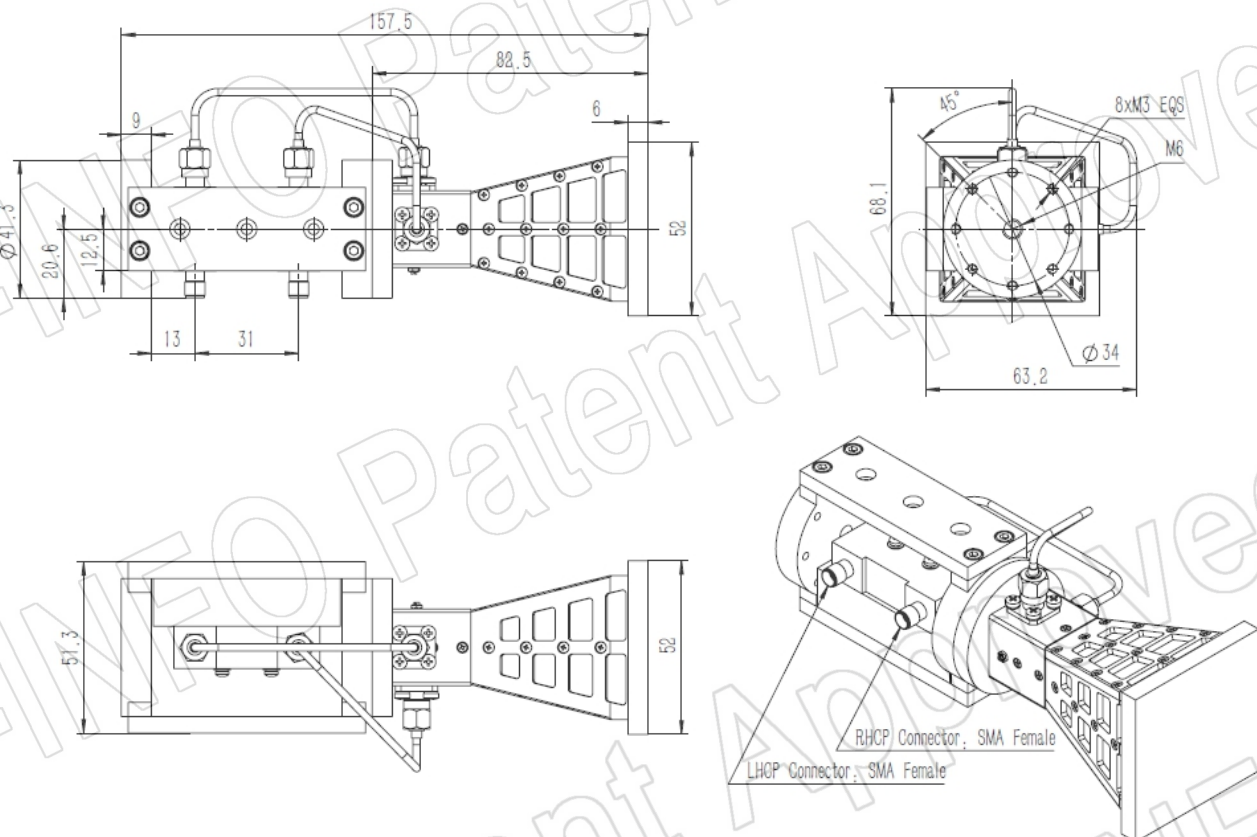
Fax: (+86) 10-6266-7379  
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Fax: (+1) 949-639-9670

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

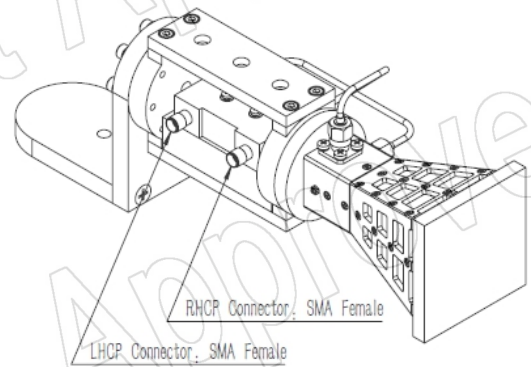
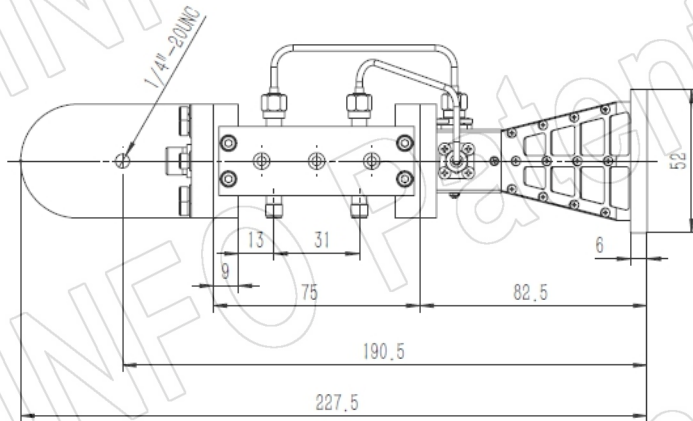
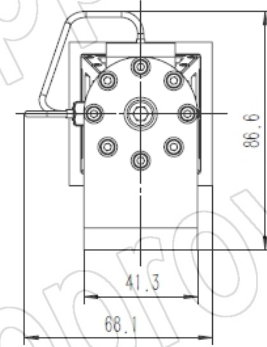
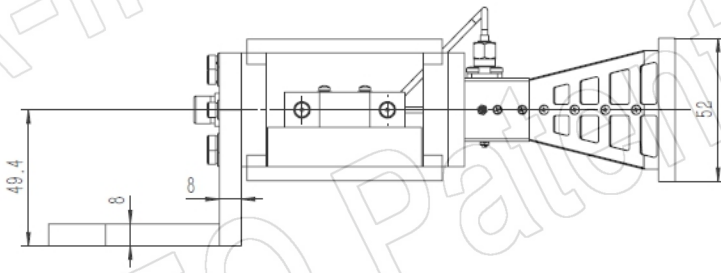
**SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-20180-L)**



**SMA-Female Output with Radome (Option, P/N: LB-SJ-60180-P03SPO, Outdoor Application)**



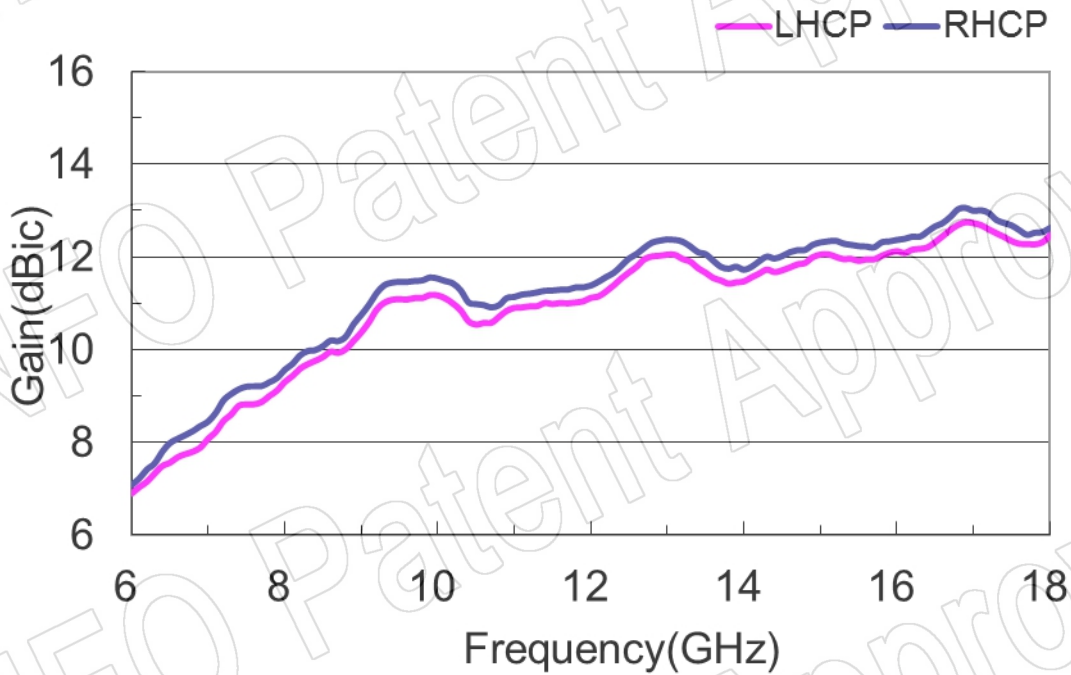
SMA-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-20180-L & LB-SJ-60180-P03SPO, Outdoor Application)



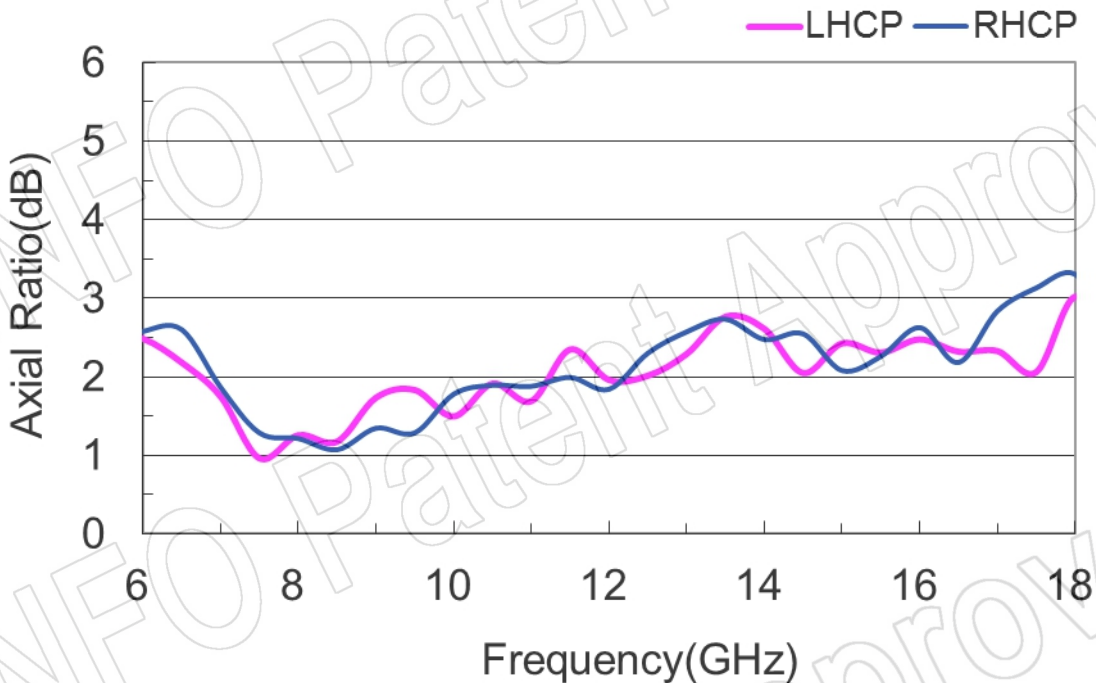


## Test Results

### 1. Gain

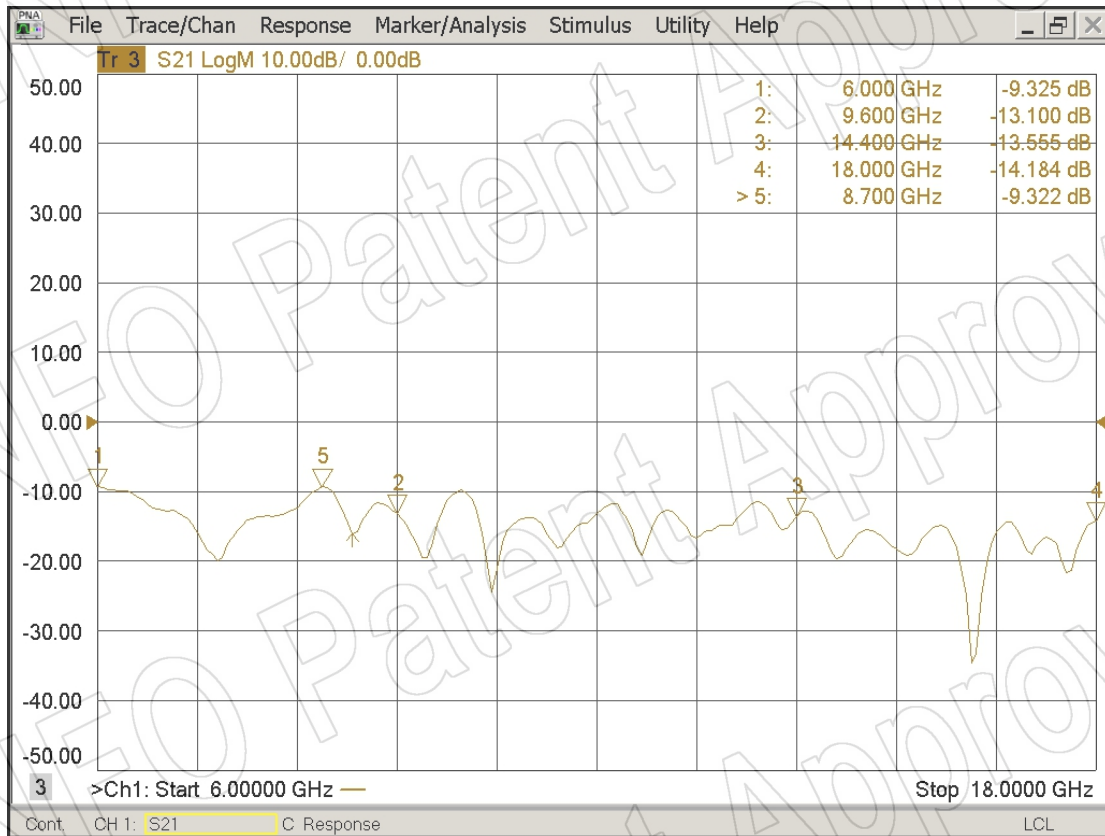


### 2. Axial Ratio

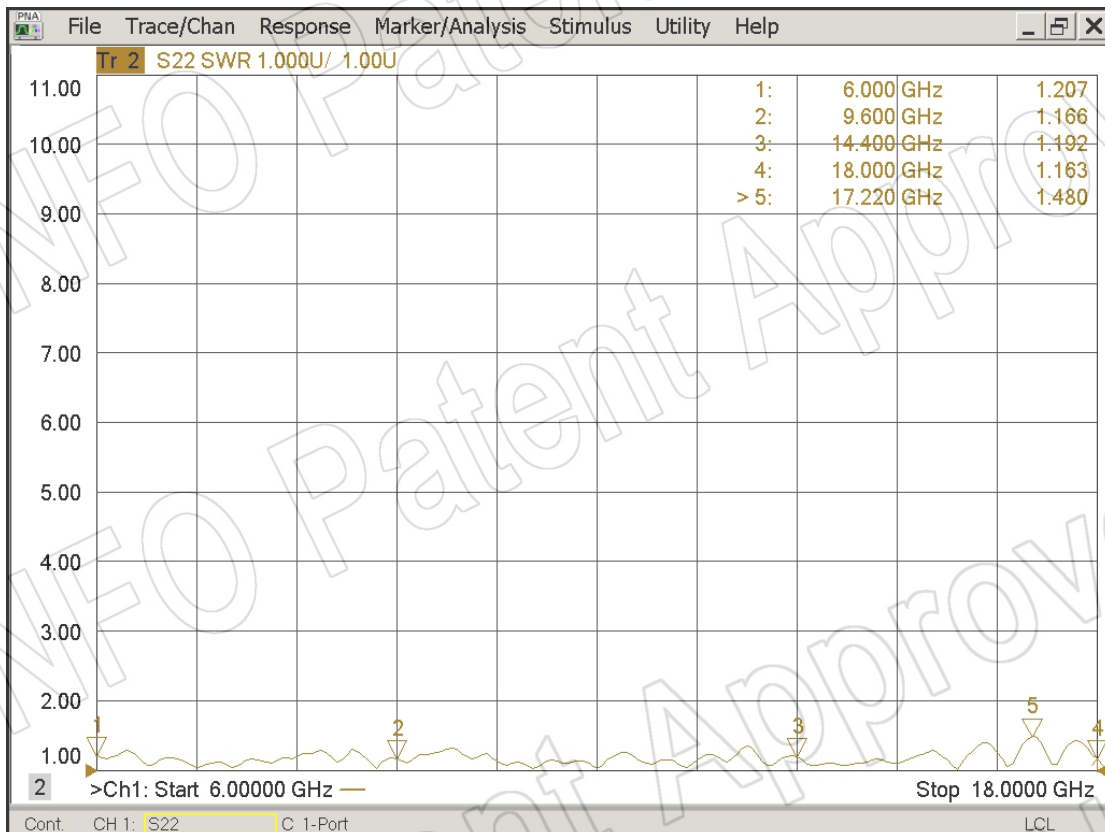




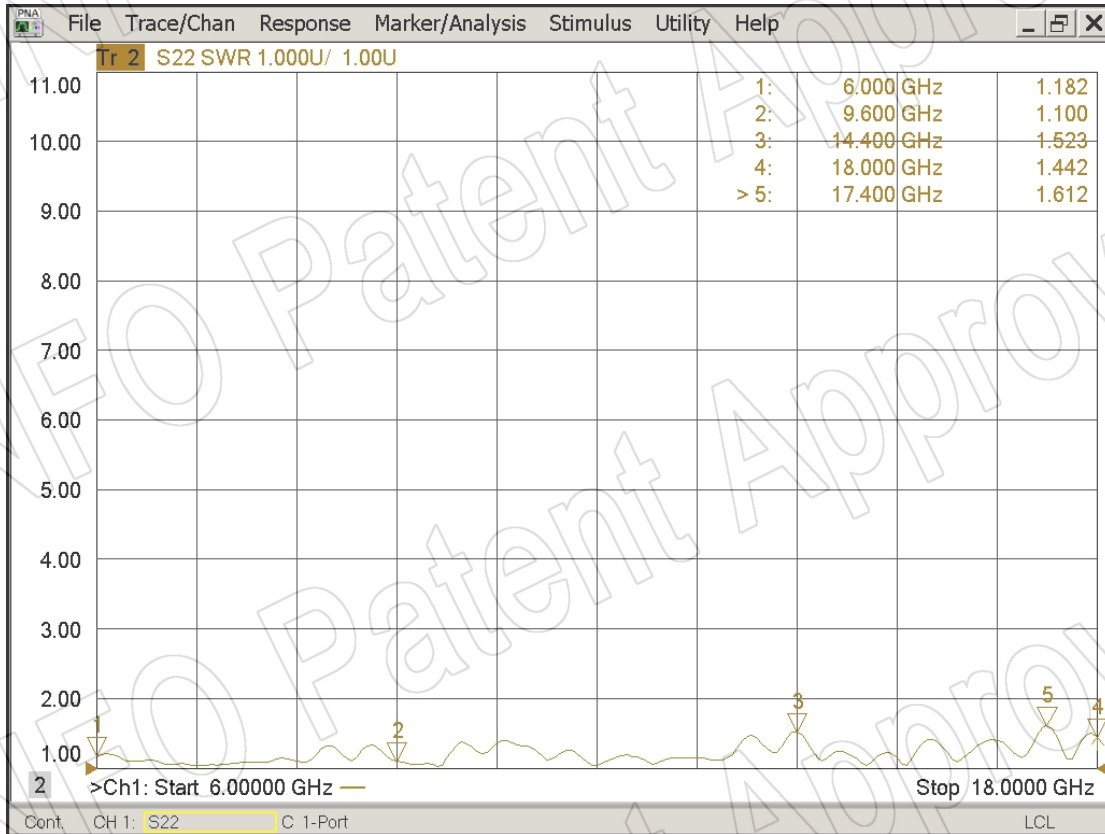
### 3. Port to Port Isolation



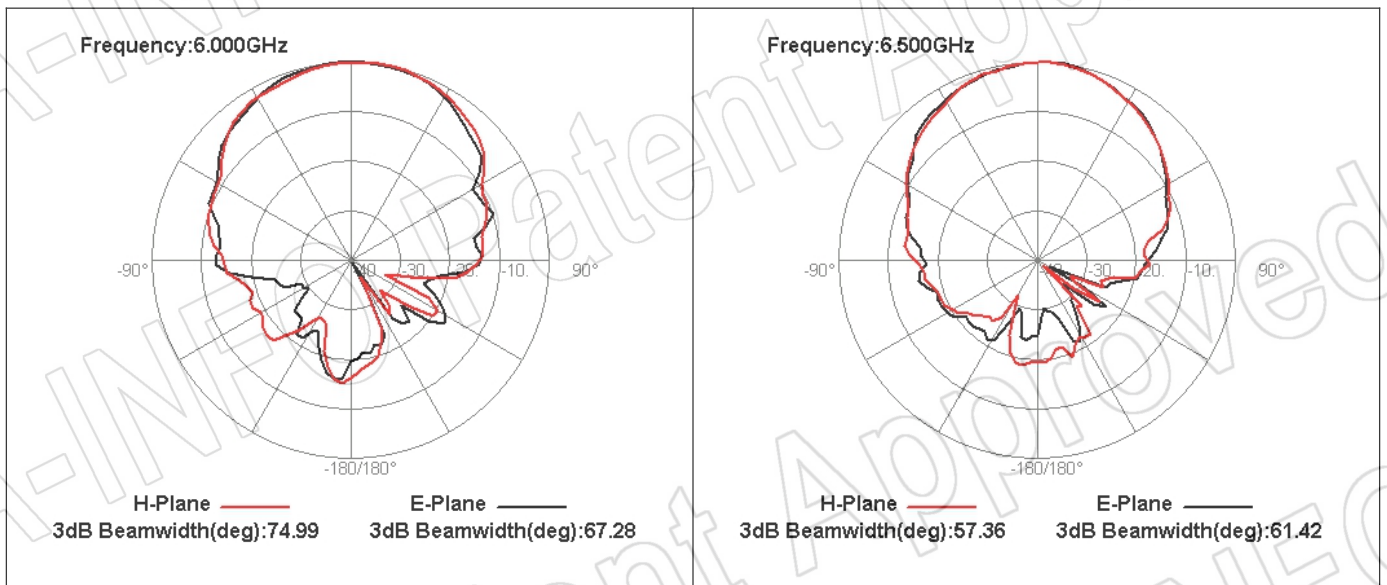
### 4. VSWR LHCP

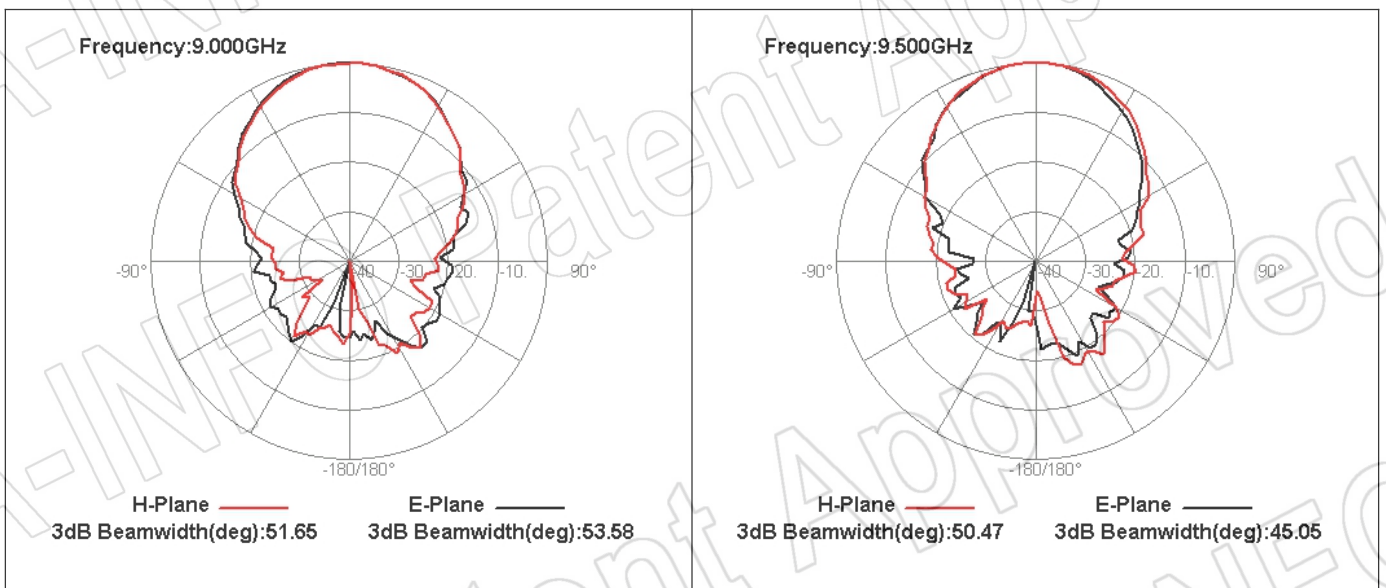
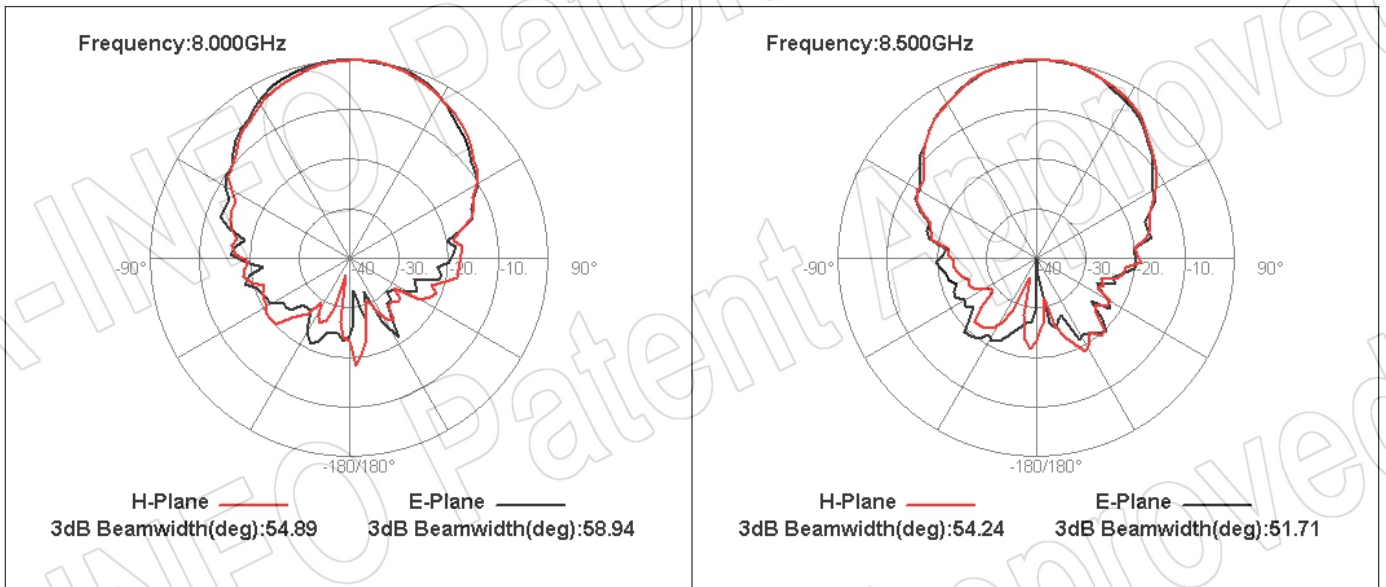
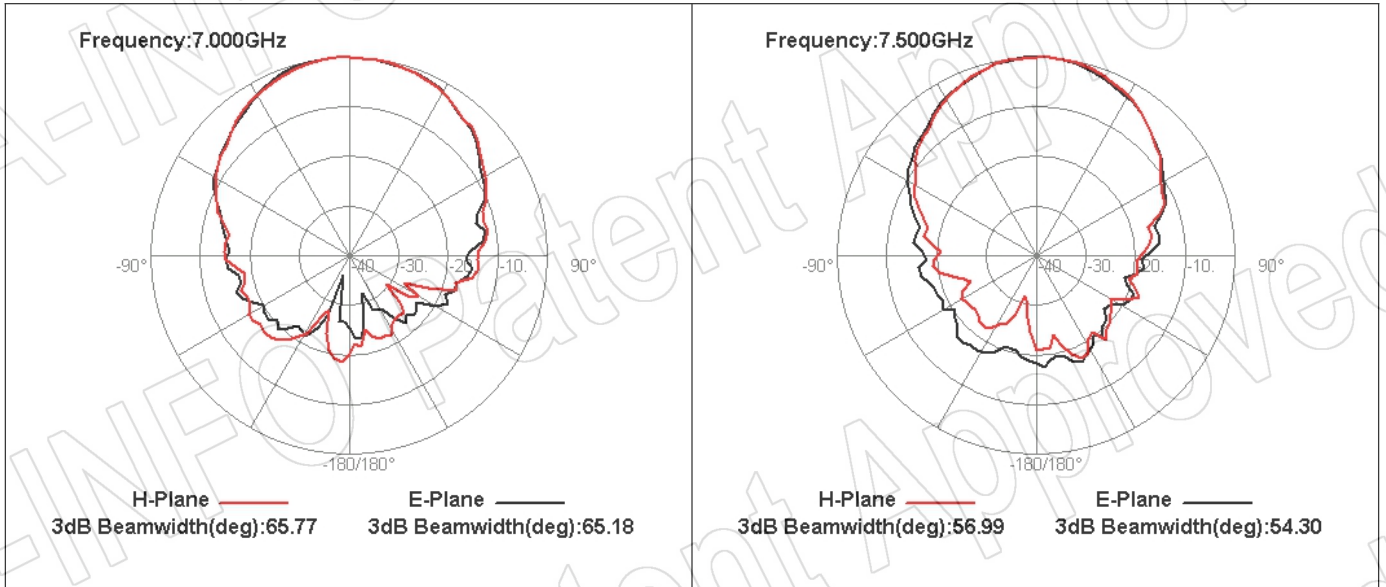


## RHCP

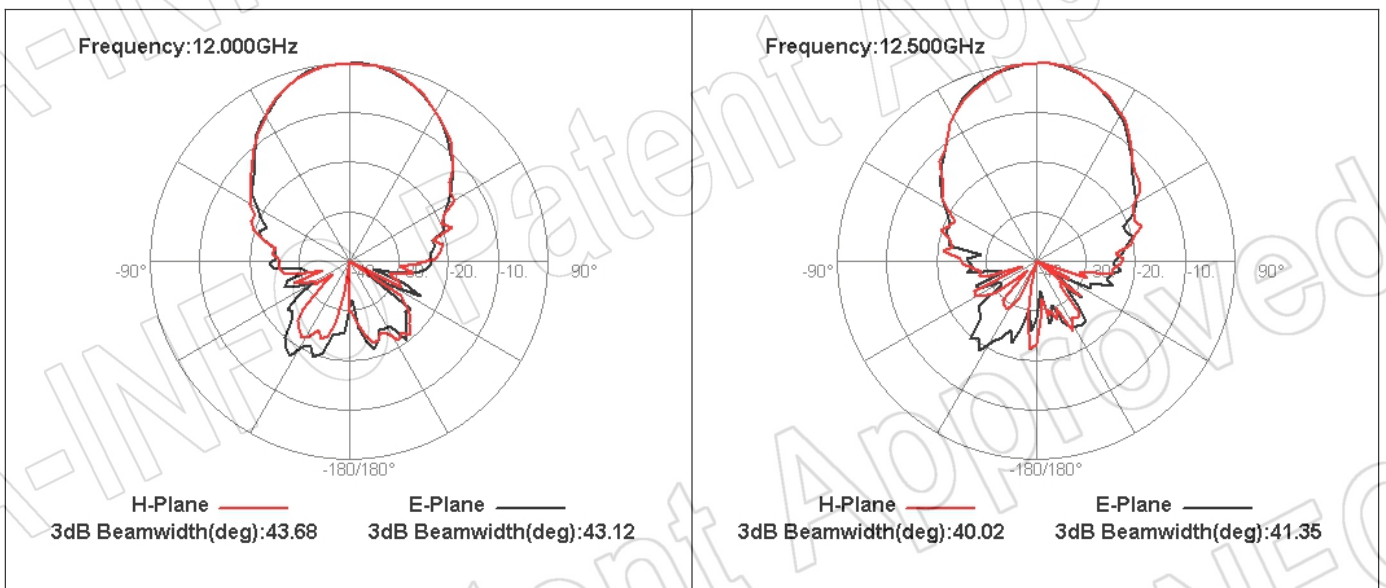
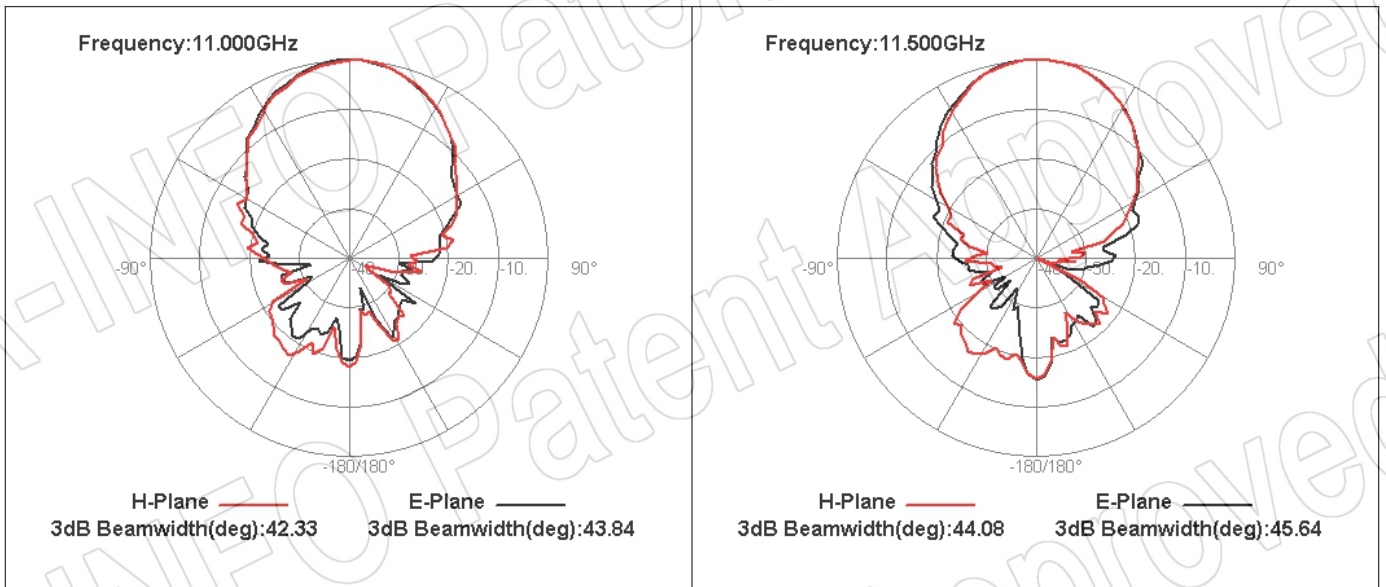
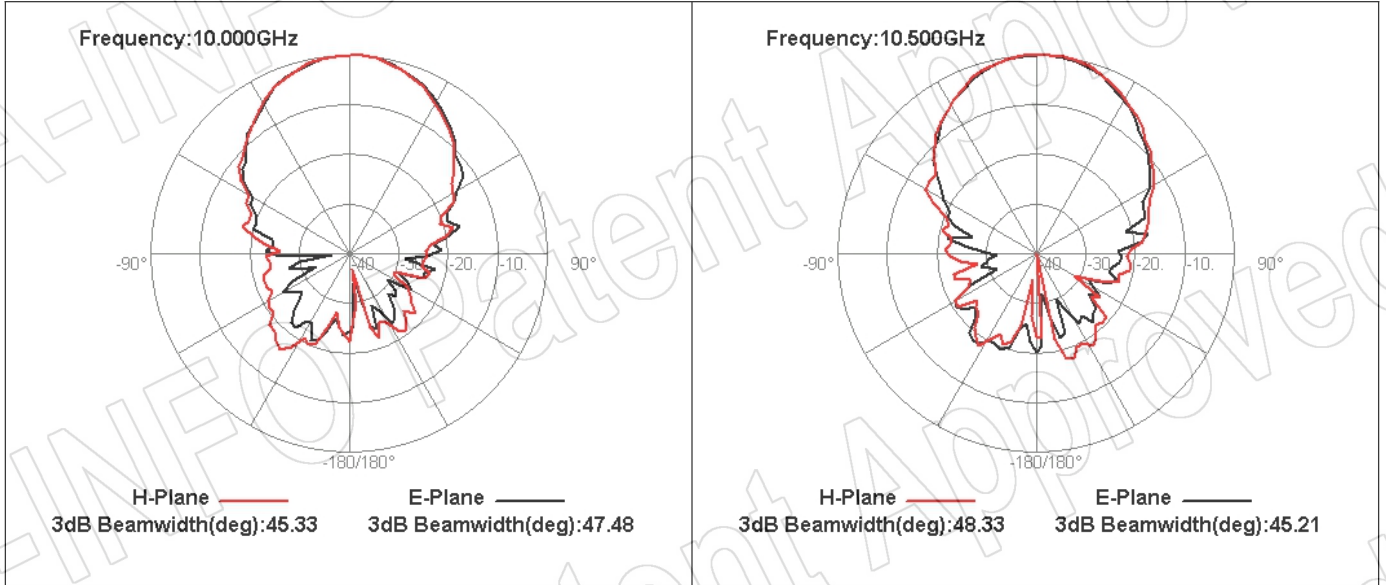


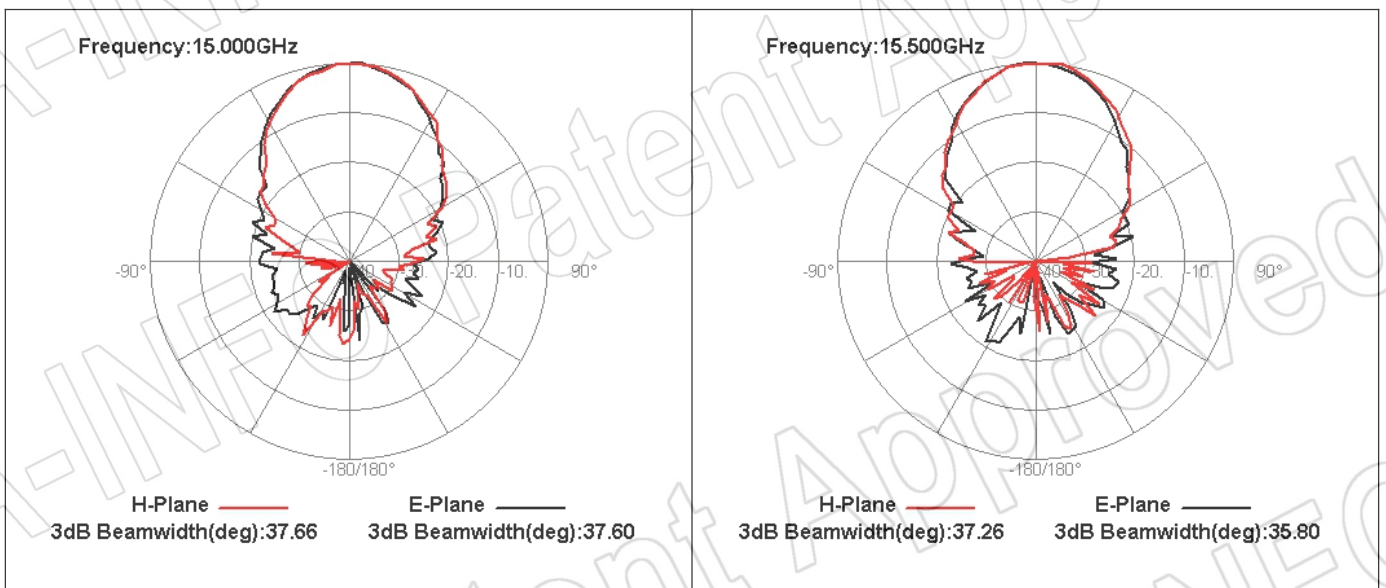
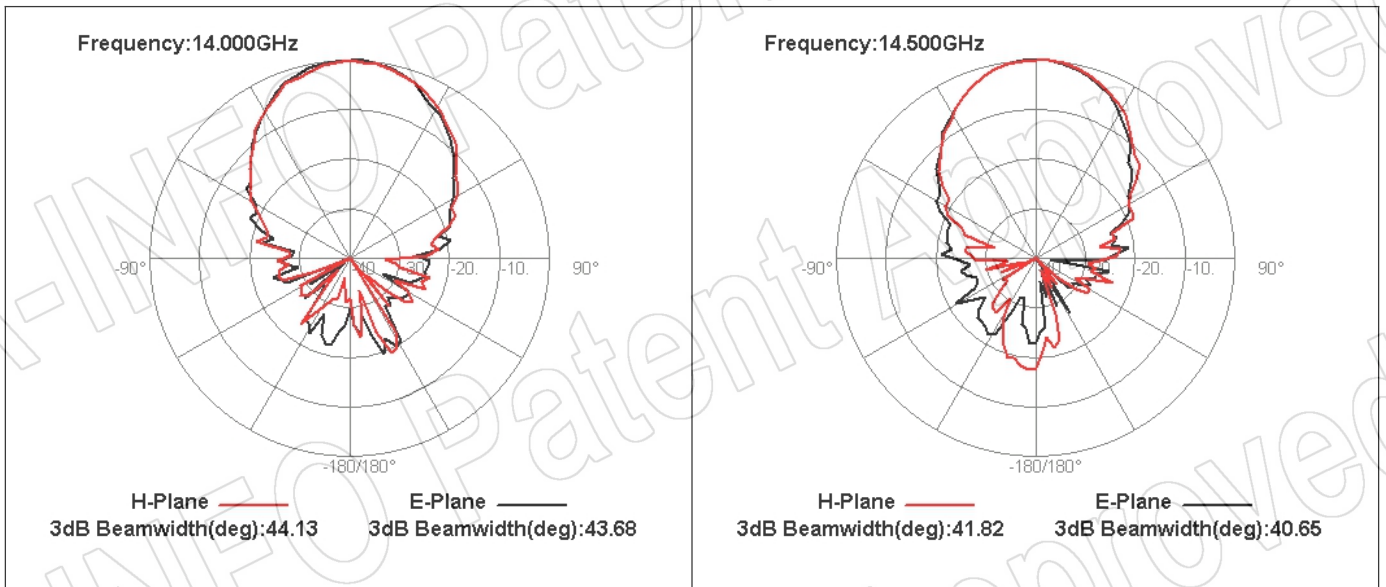
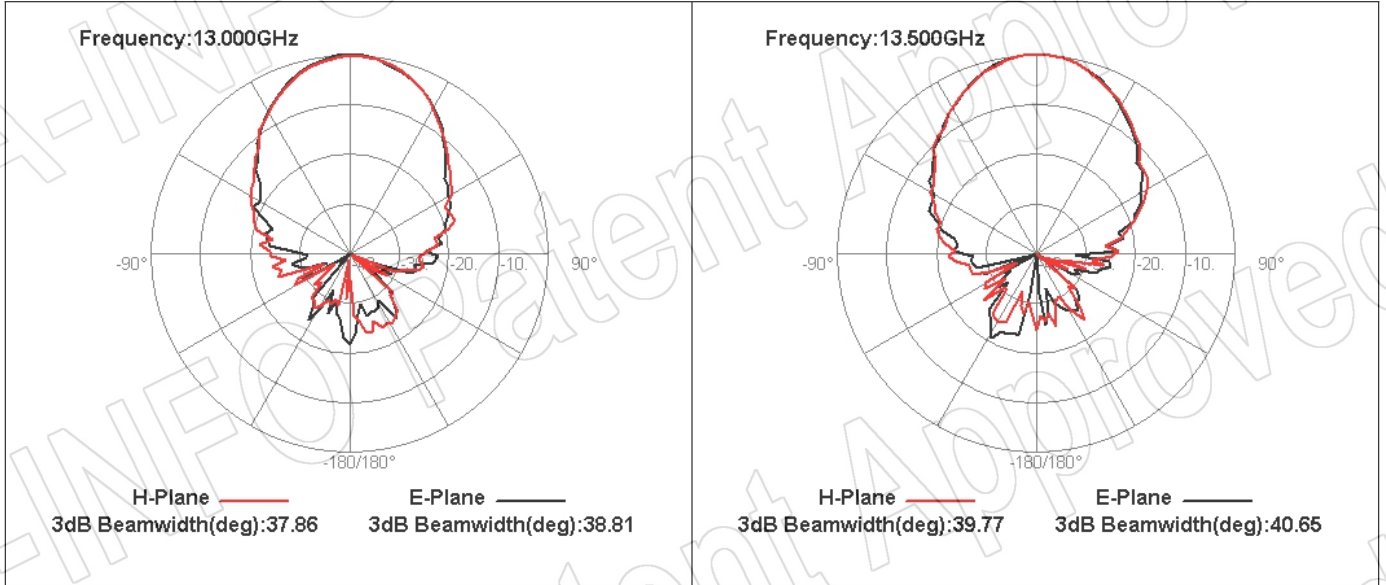
## 5. Pattern LHCP

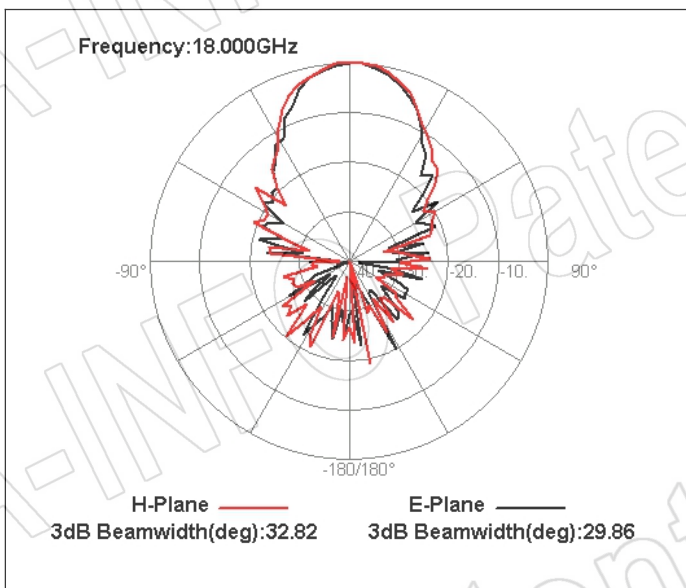
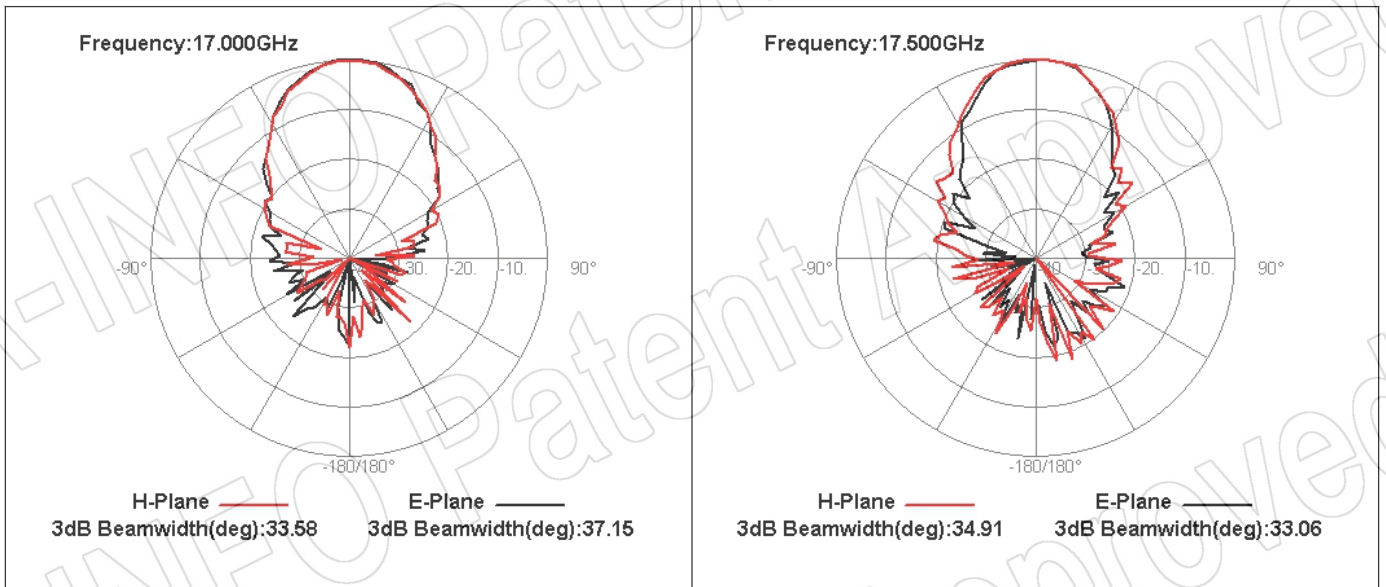
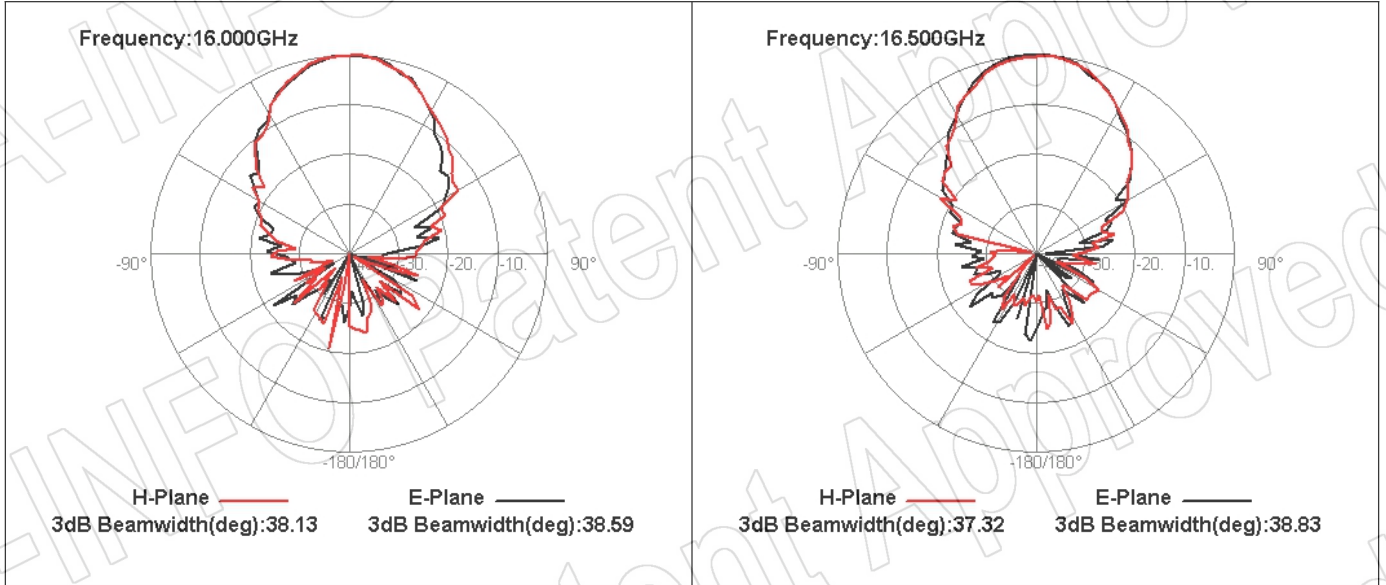






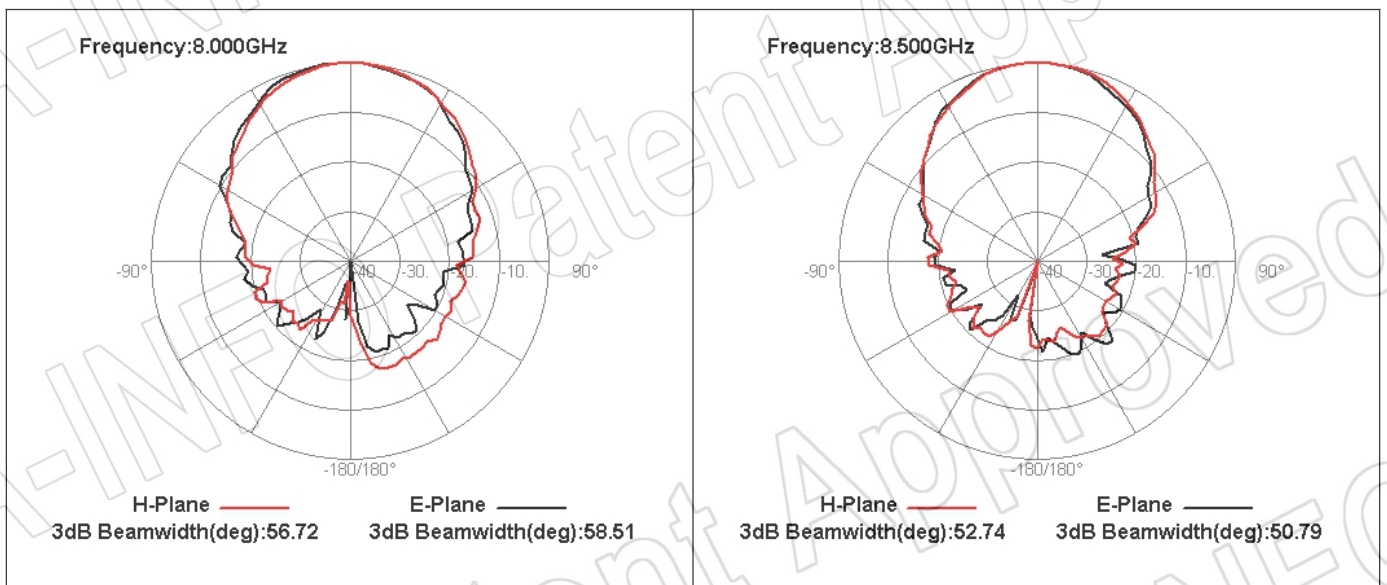
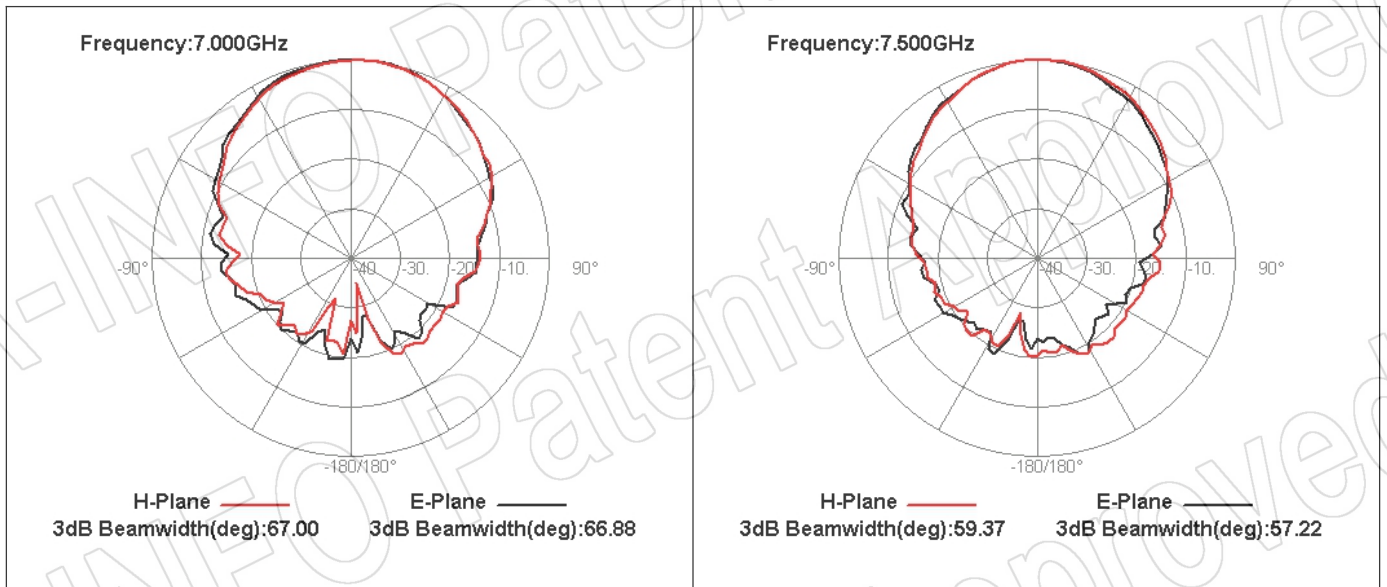
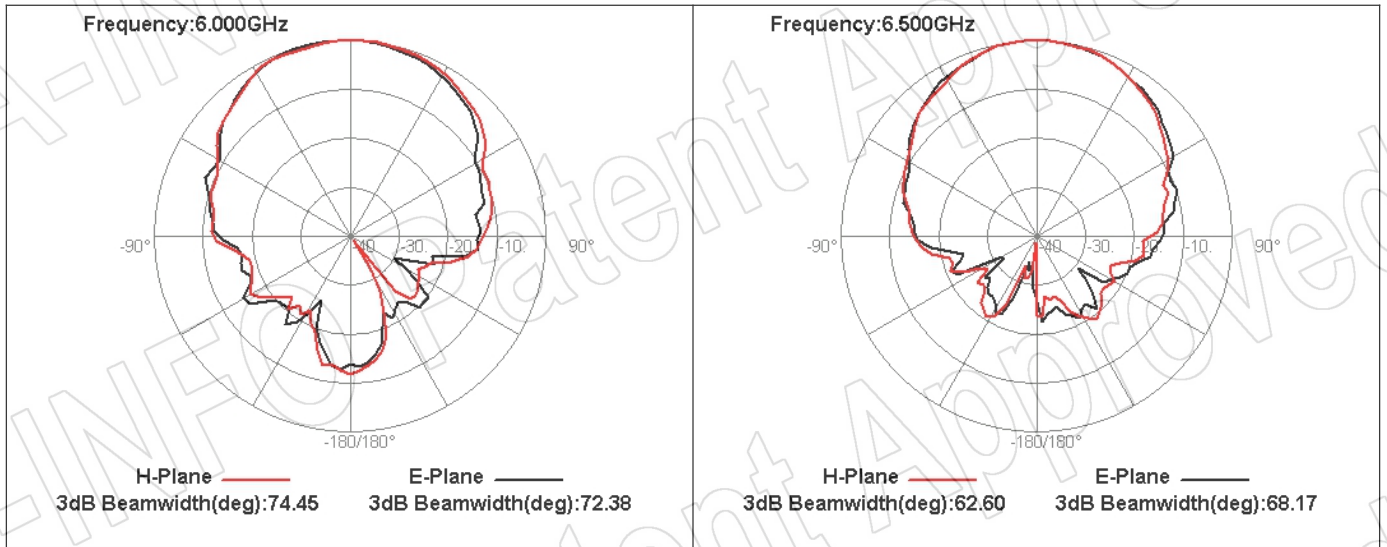


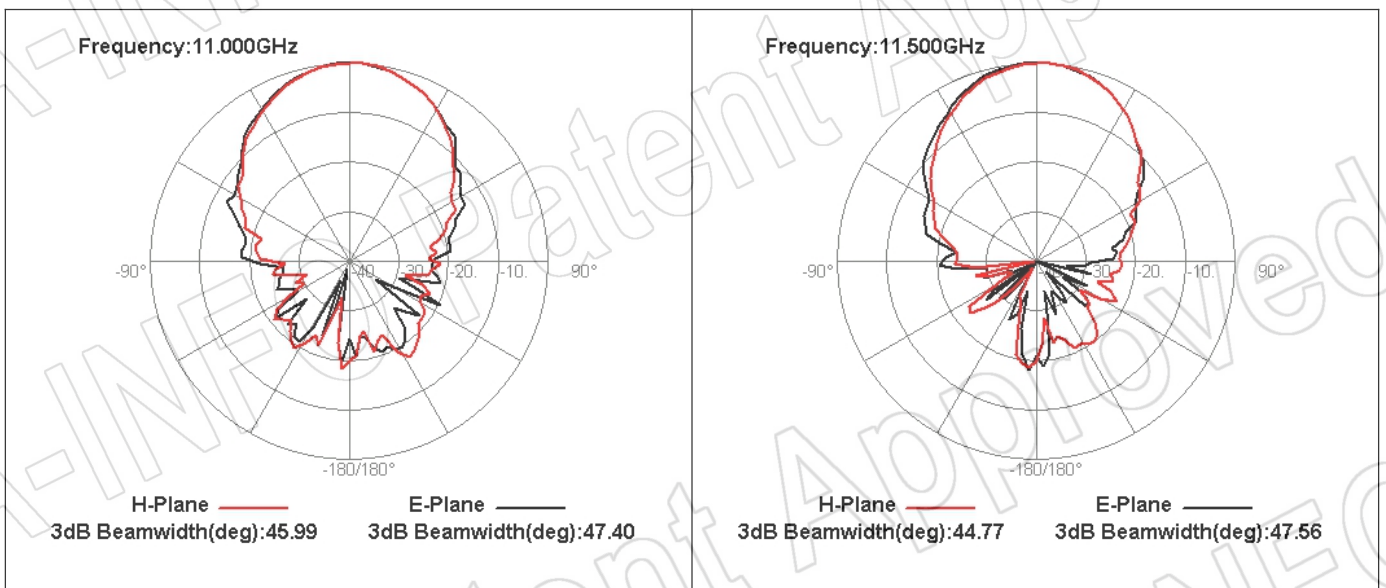
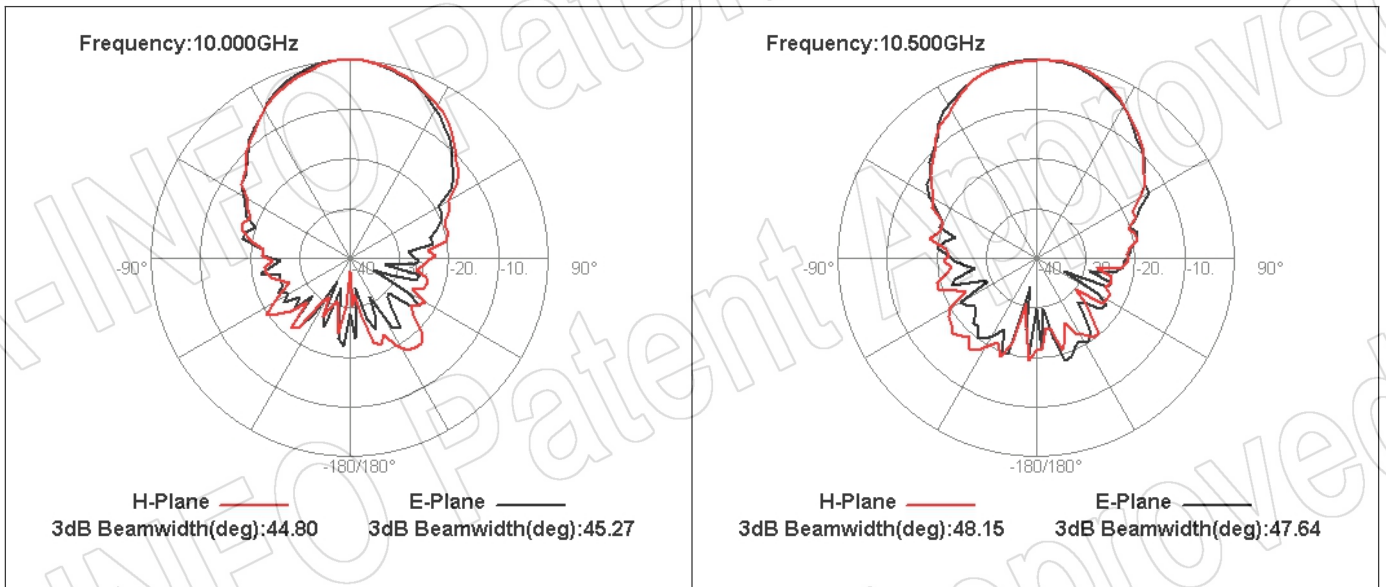
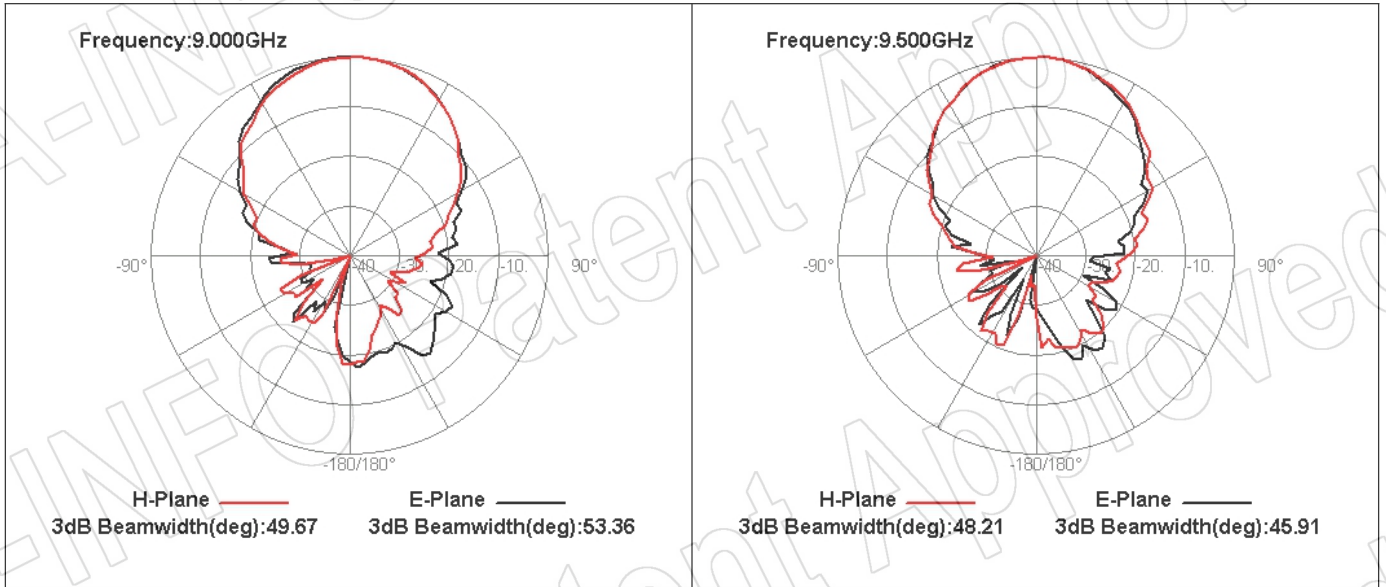


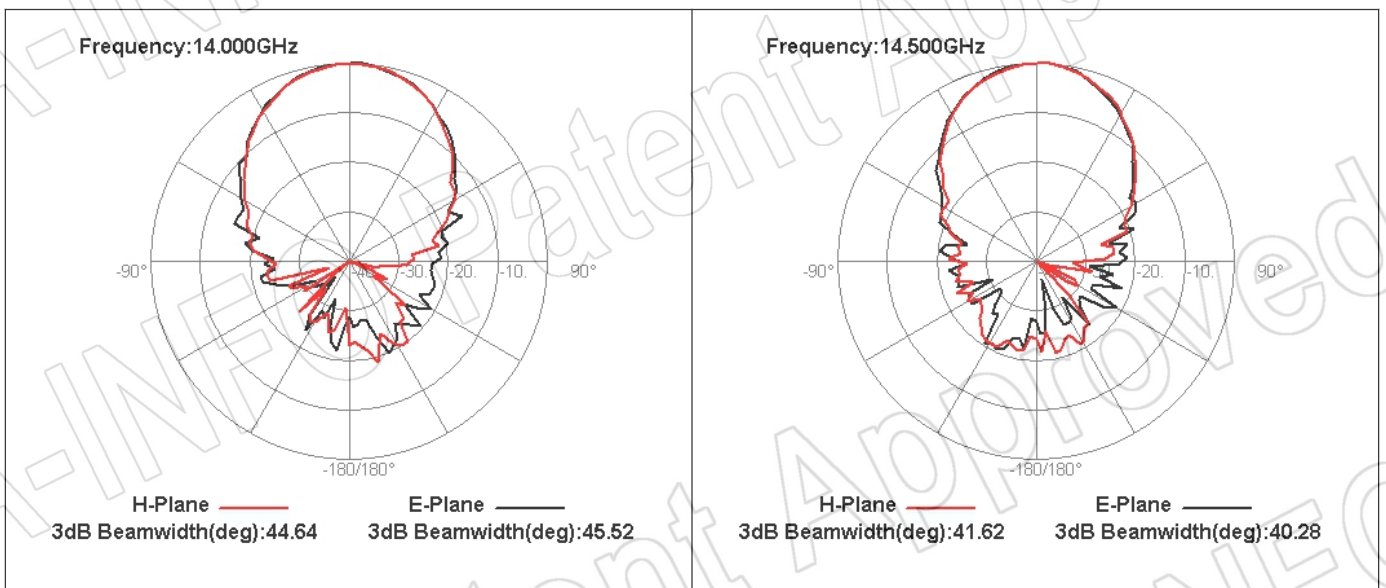
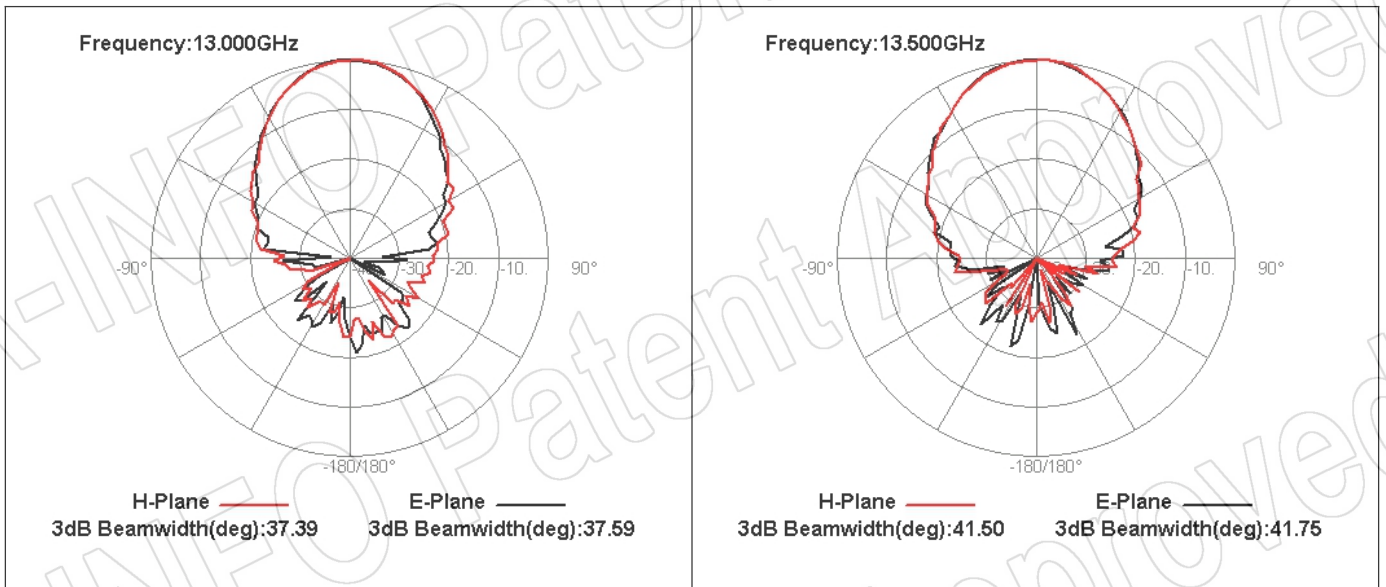
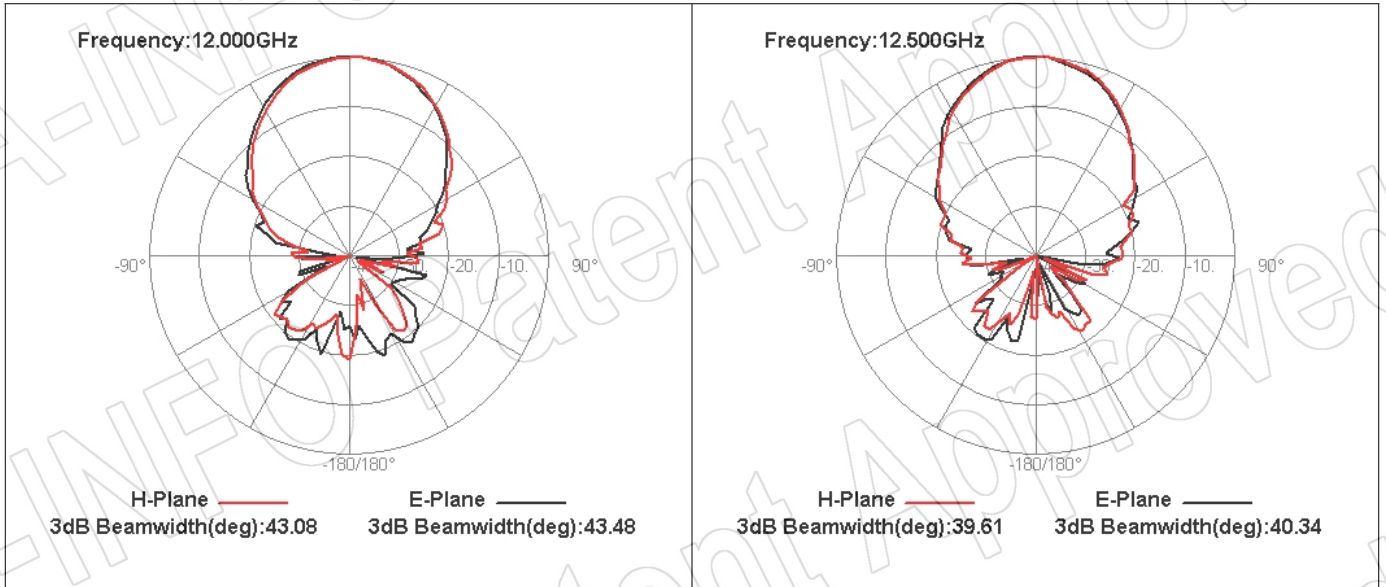




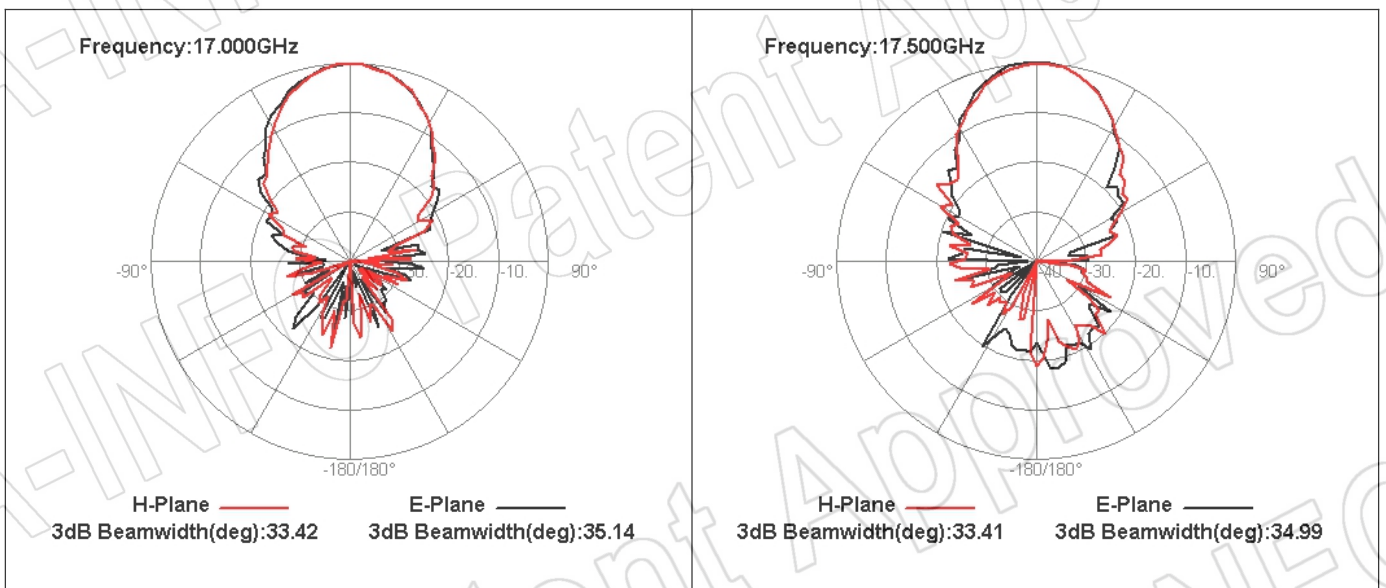
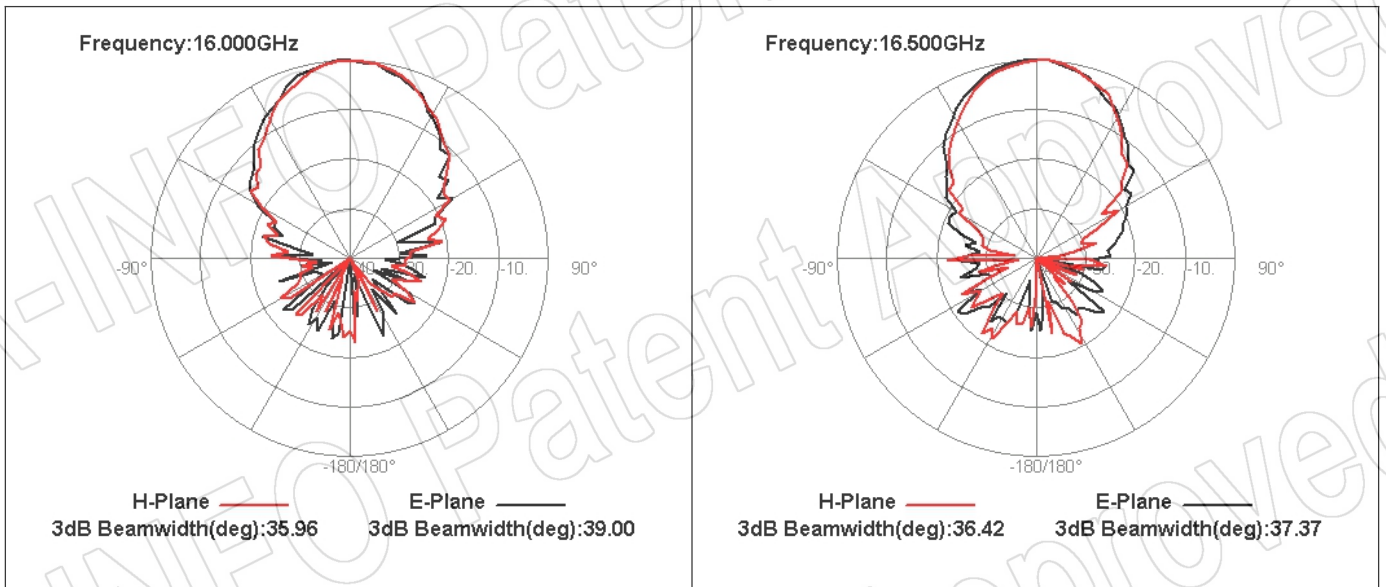
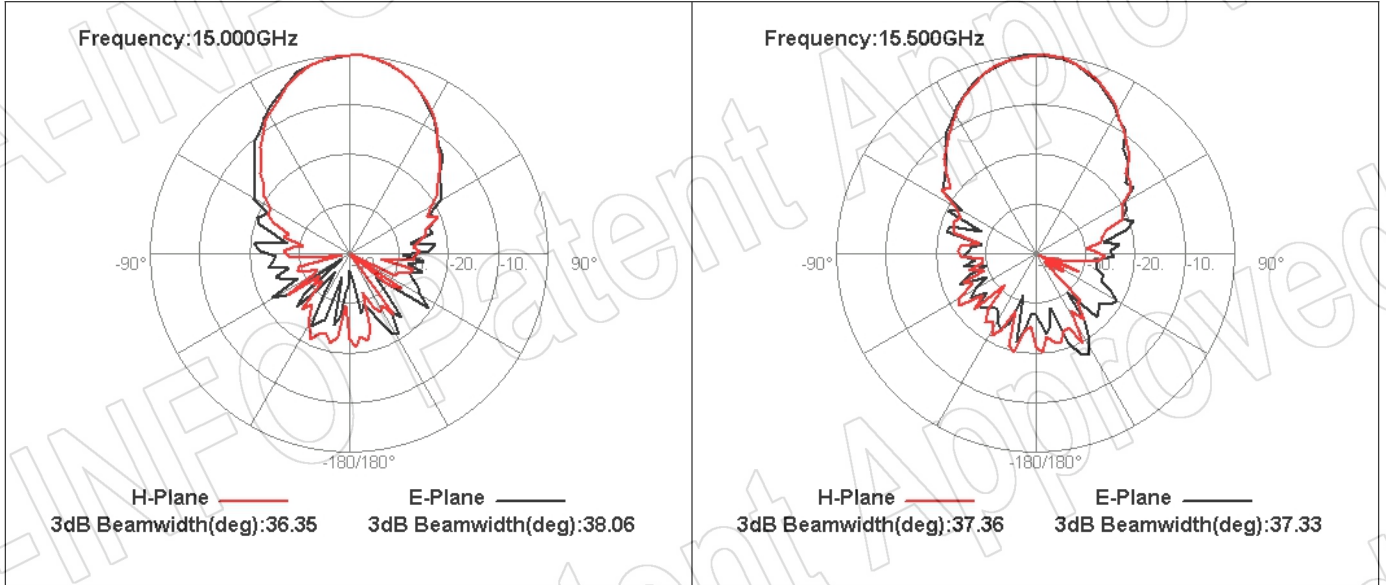
## RHCP

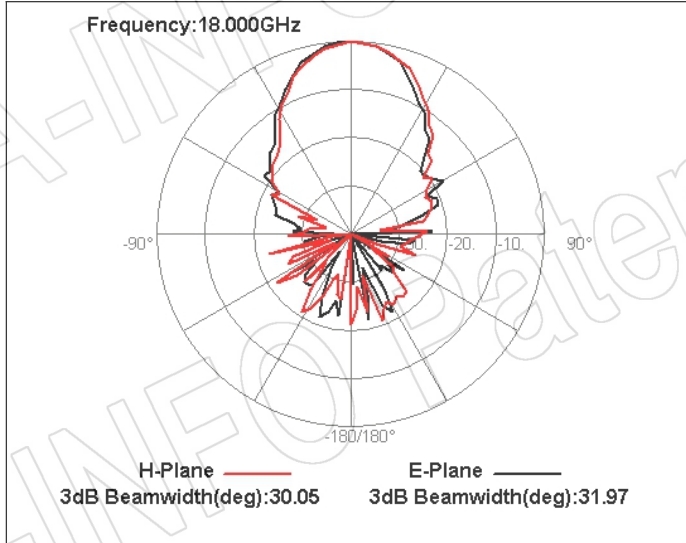












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