

## Technical Specification



Frequency Range(GHz)	0.7 – 18.0
Gain(dBi)	12 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 111 - 13
	H Plane: 78 - 10
Cross Pol. Isolation(dB)	25 Typ.
VSWR	2.0:1 Typ.
Connector	N-Female or SMA-Female
Power Handling(W CW)	N-Female: 300 Max.
	SMA-Female: 50 Max.
Material	Al
Size(mm)	244 x 160.5 x 228
Net Weight(Kg)	1.50 Around

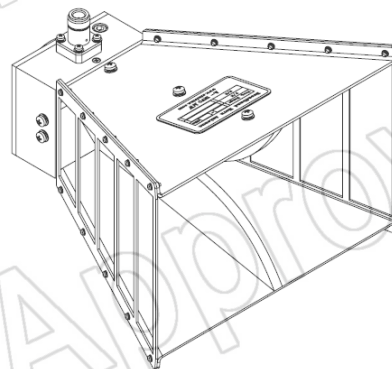
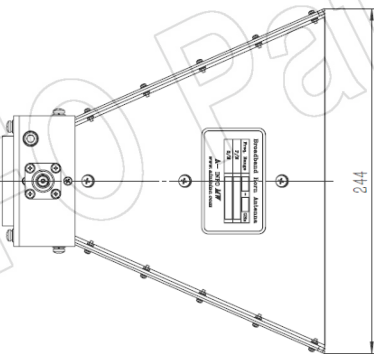
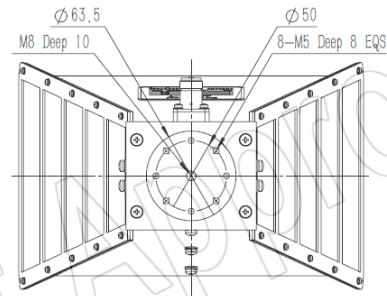
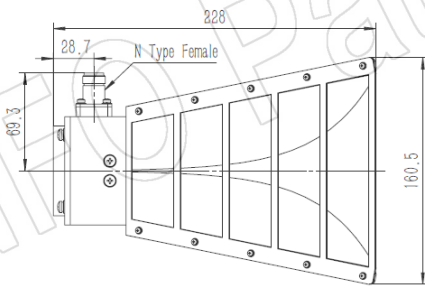
**PATENT ID (China)**

**ZL201621014310.X, ZL201630454754.4**

## Outline Drawing (Size: mm)

N-Female Output (P/N: LB-7180-NF)

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



**AINFO Inc.**

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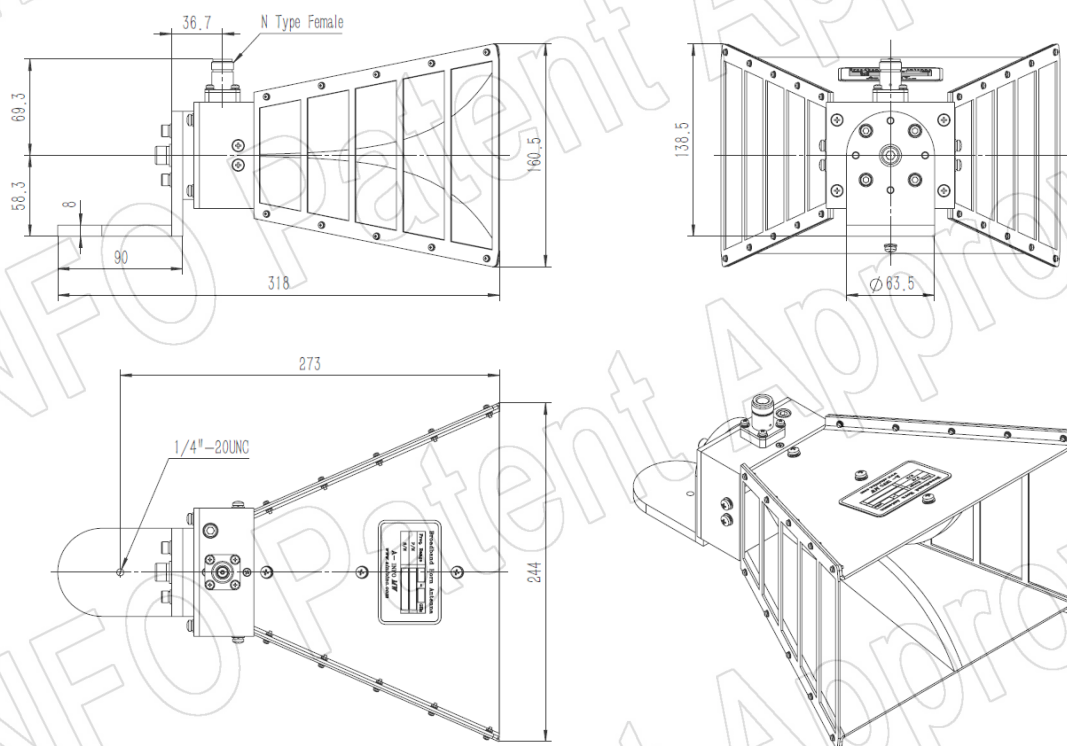
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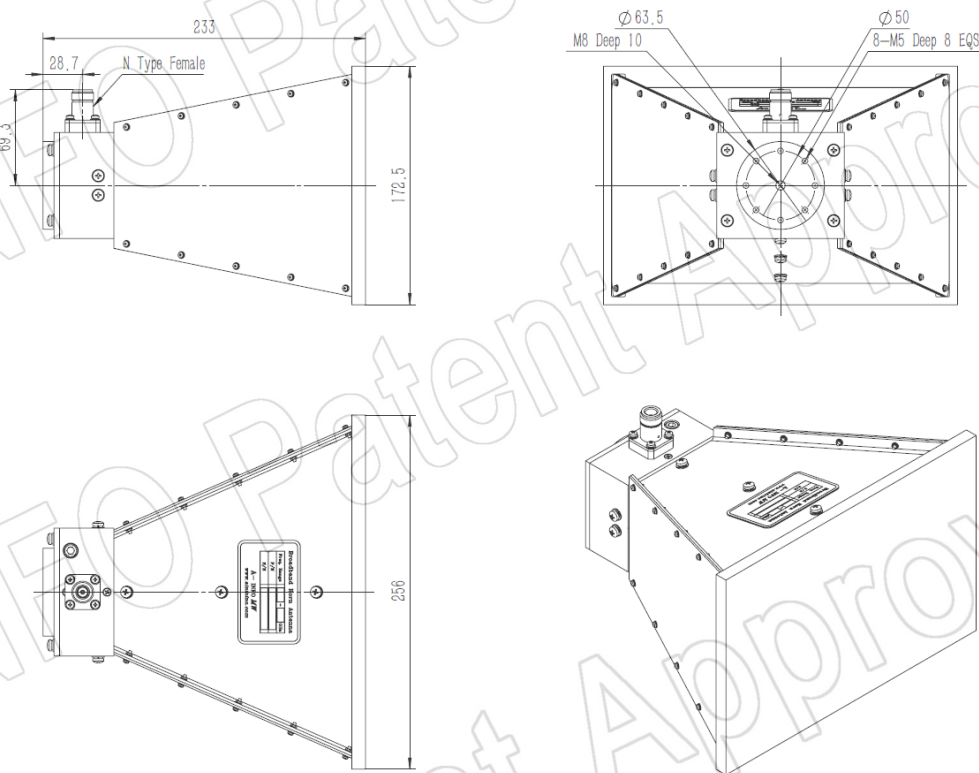
## N-Female Output with L Type Mounting Bracket (Option, P/N: LB-10180-L)

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



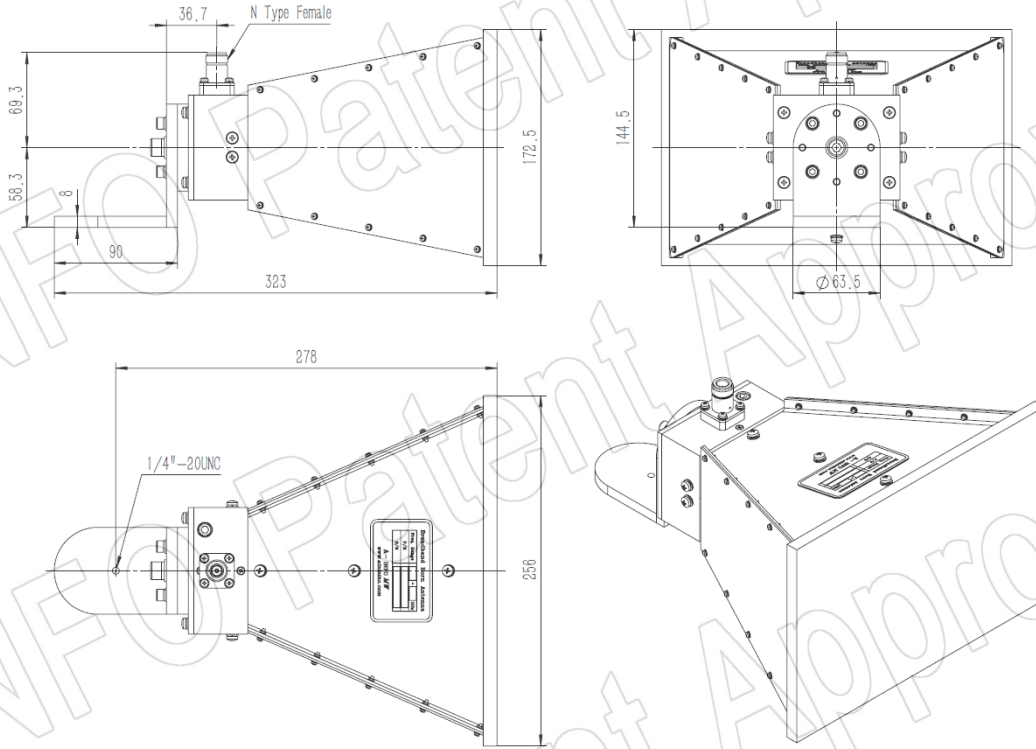
## N-Female Output with Radome (Option, P/N: LB-7180-NFSP0, Outdoor Application)

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



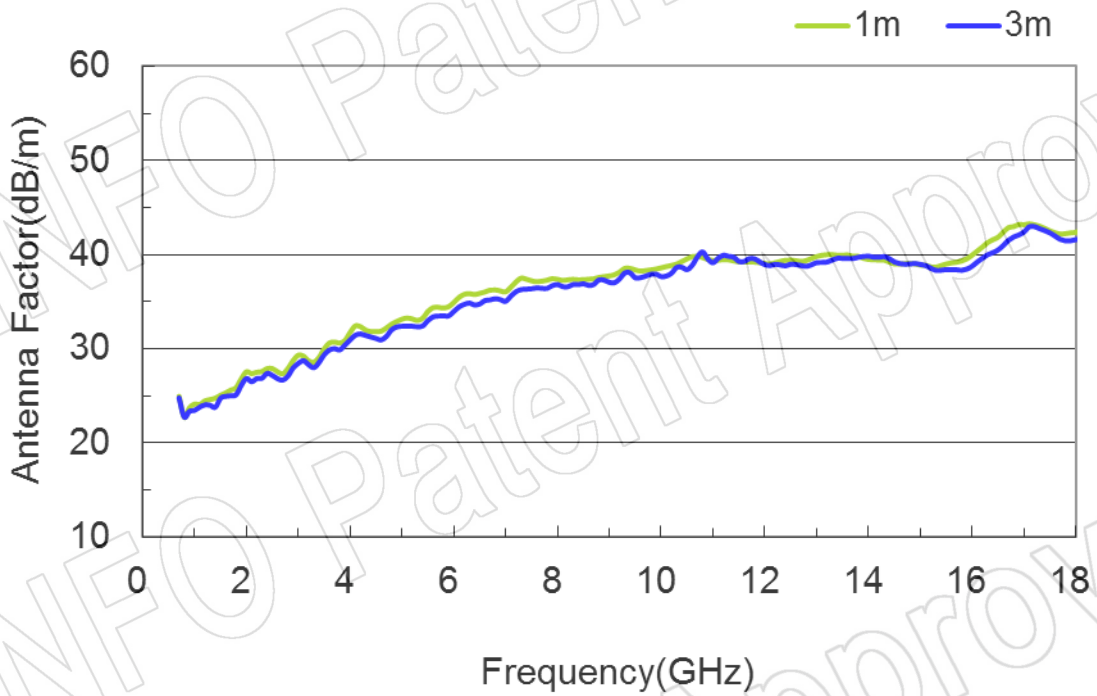
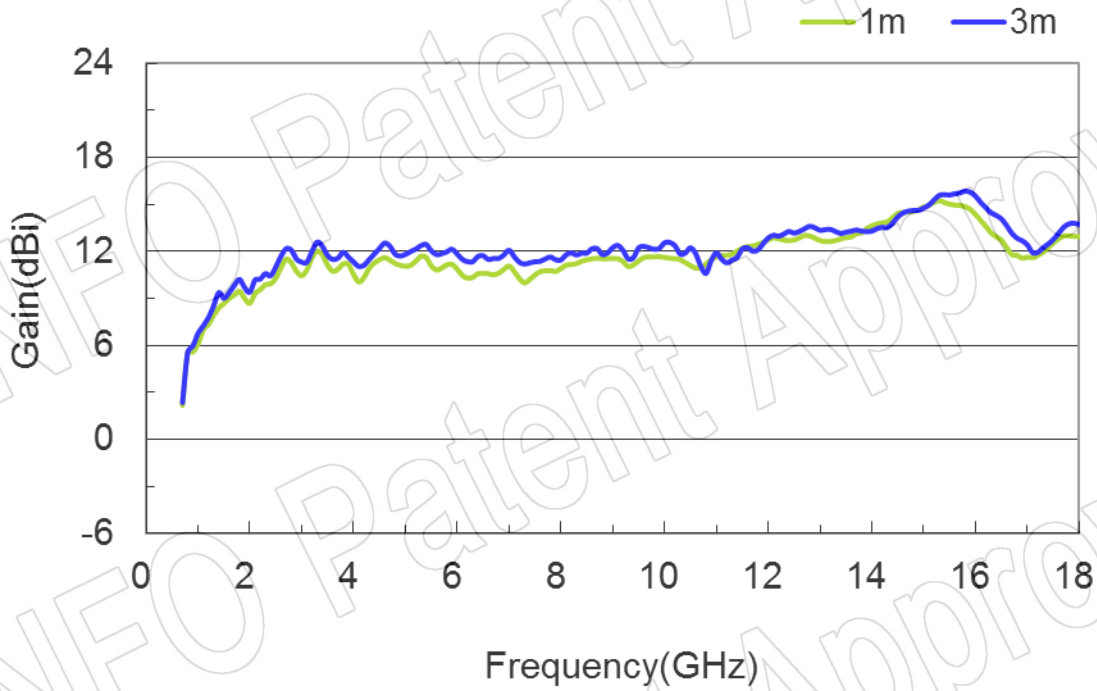
## N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-10180-L & LB-7180-NFSPO, Outdoor Application)

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



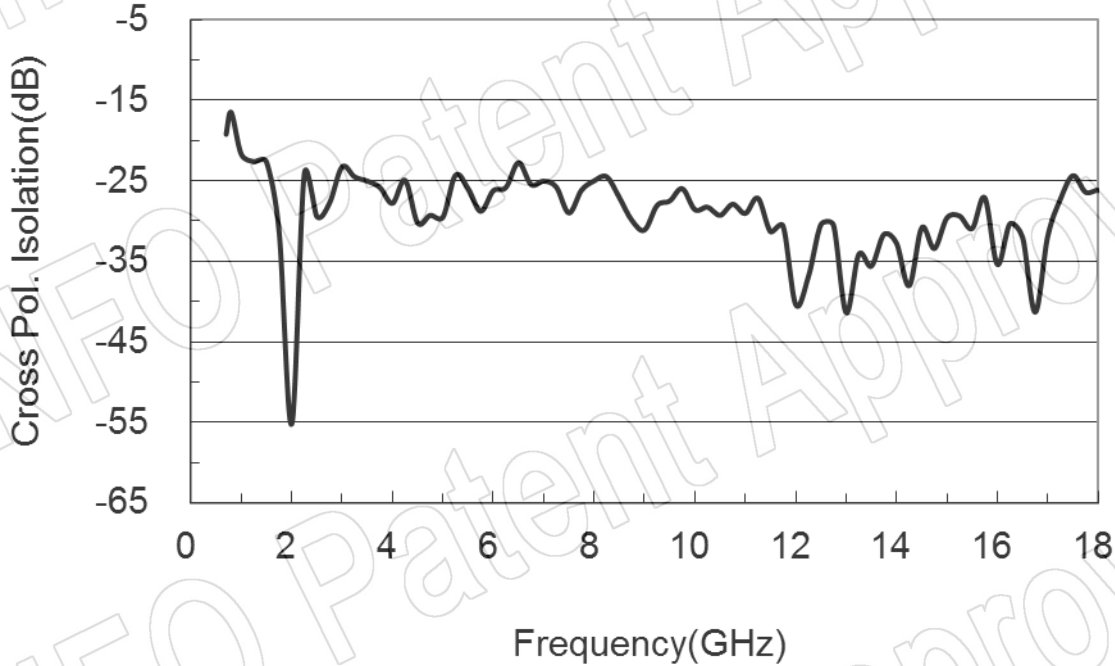
## Test Results

### 1. Gain & Antenna Factor

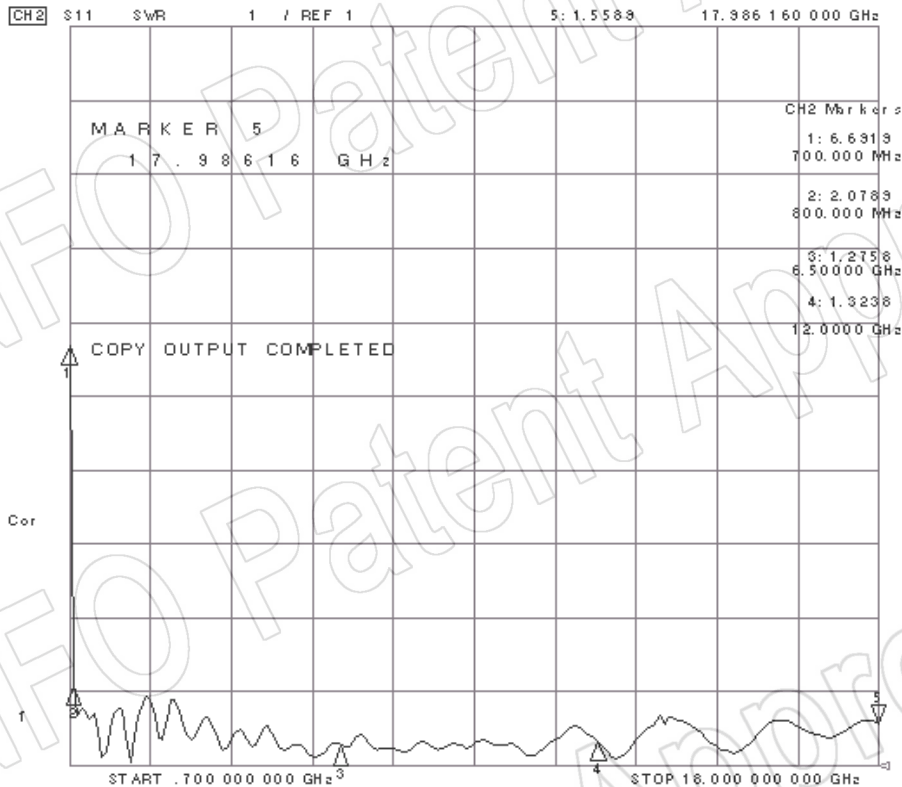




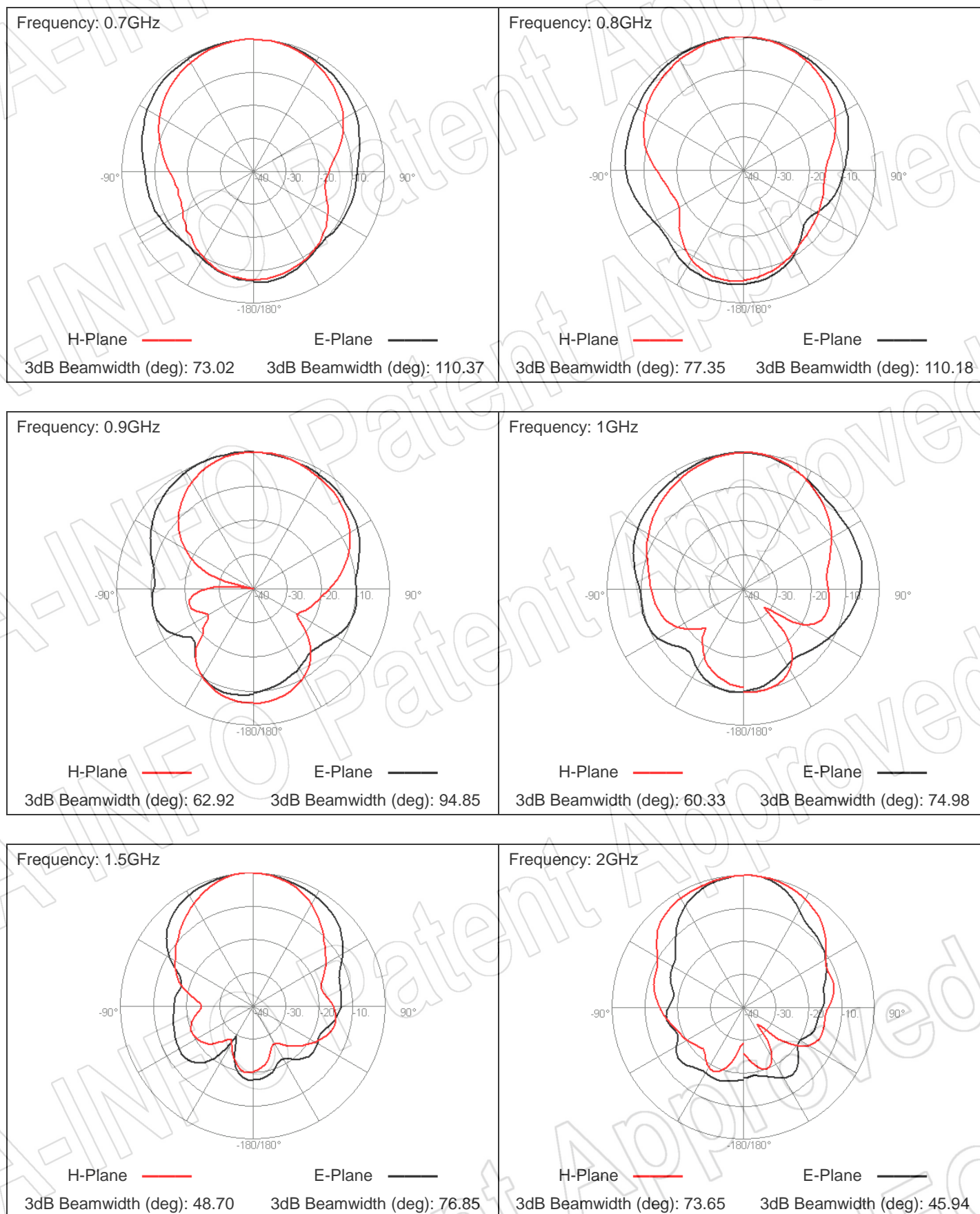
## 2. Cross Polarization Isolation



## 3. VSWR



## 4. Pattern



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