

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

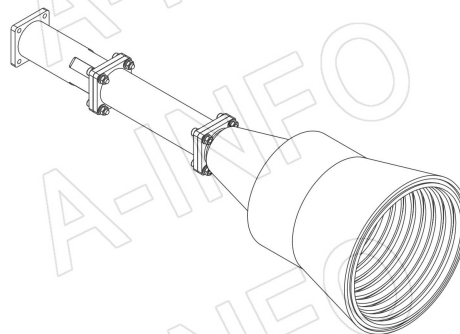
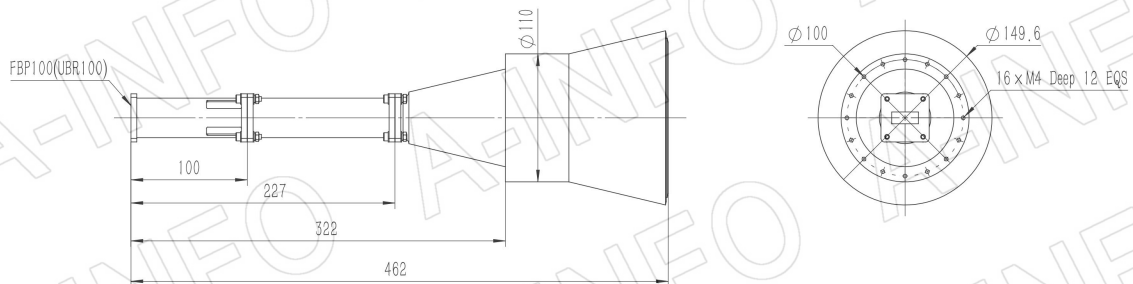
## Technical Specification



Frequency Range(GHz)	8.9 – 11.7
Waveguide	WR90
Gain(dBic)	20 Typ.
Polarization	RHCP
Axial Ratio(dB)	1.5 Typ. ; 3.0 Max.
3dB Beamwidth(deg)	E Plane: 17 Typ.
	H Plane: 17 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.30:1 Typ.
Output	A Type: FBP100(UBR100)
	C Type: SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 149.6 x 149.6 x 462
	C Type: 149.6 x 149.6 x 500
Net Weight(Kg)	A Type: 1.70 Around
	C Type: 1.80 Around

## Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CH-90-20-R16-A)



**AINFO Inc.**

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

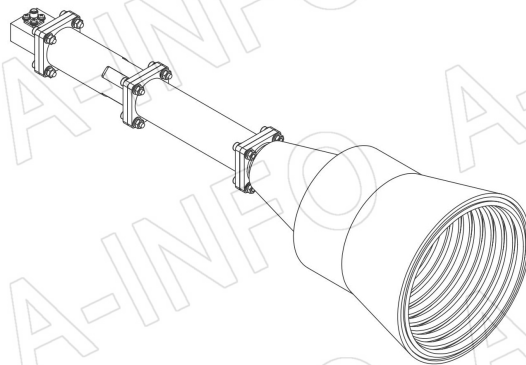
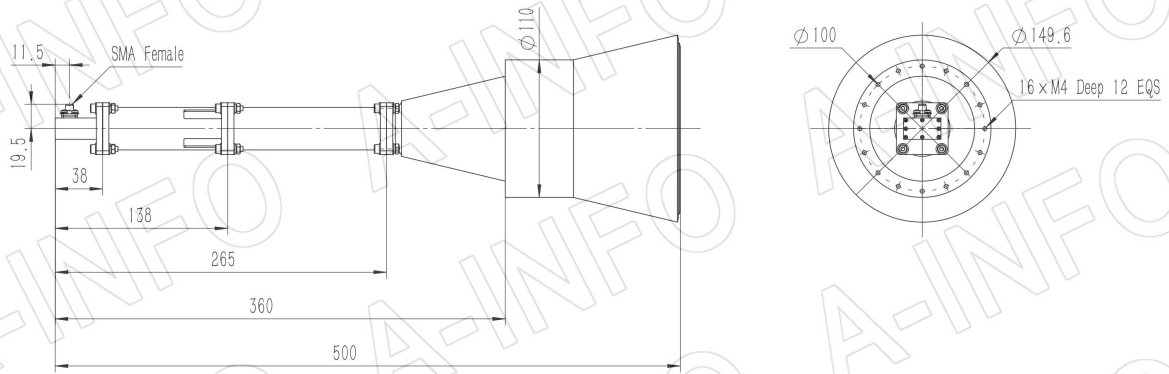
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Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

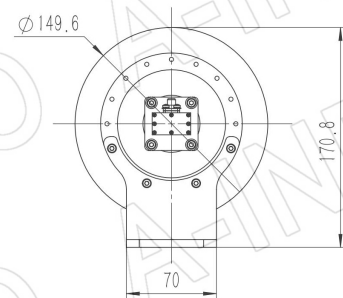
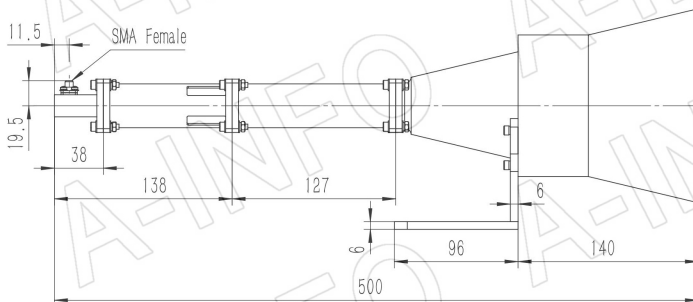
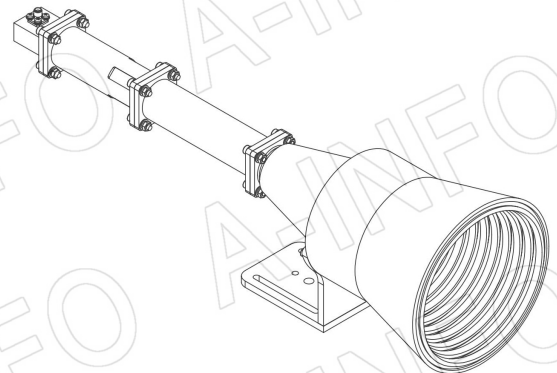
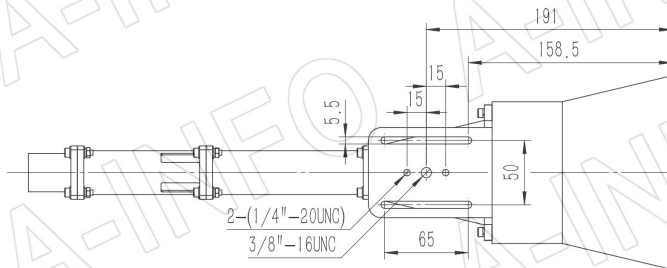
## SMA-Female Output (P/N: LB-CH-90-20-R16-C-SF)

For N-Female, TNC-Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

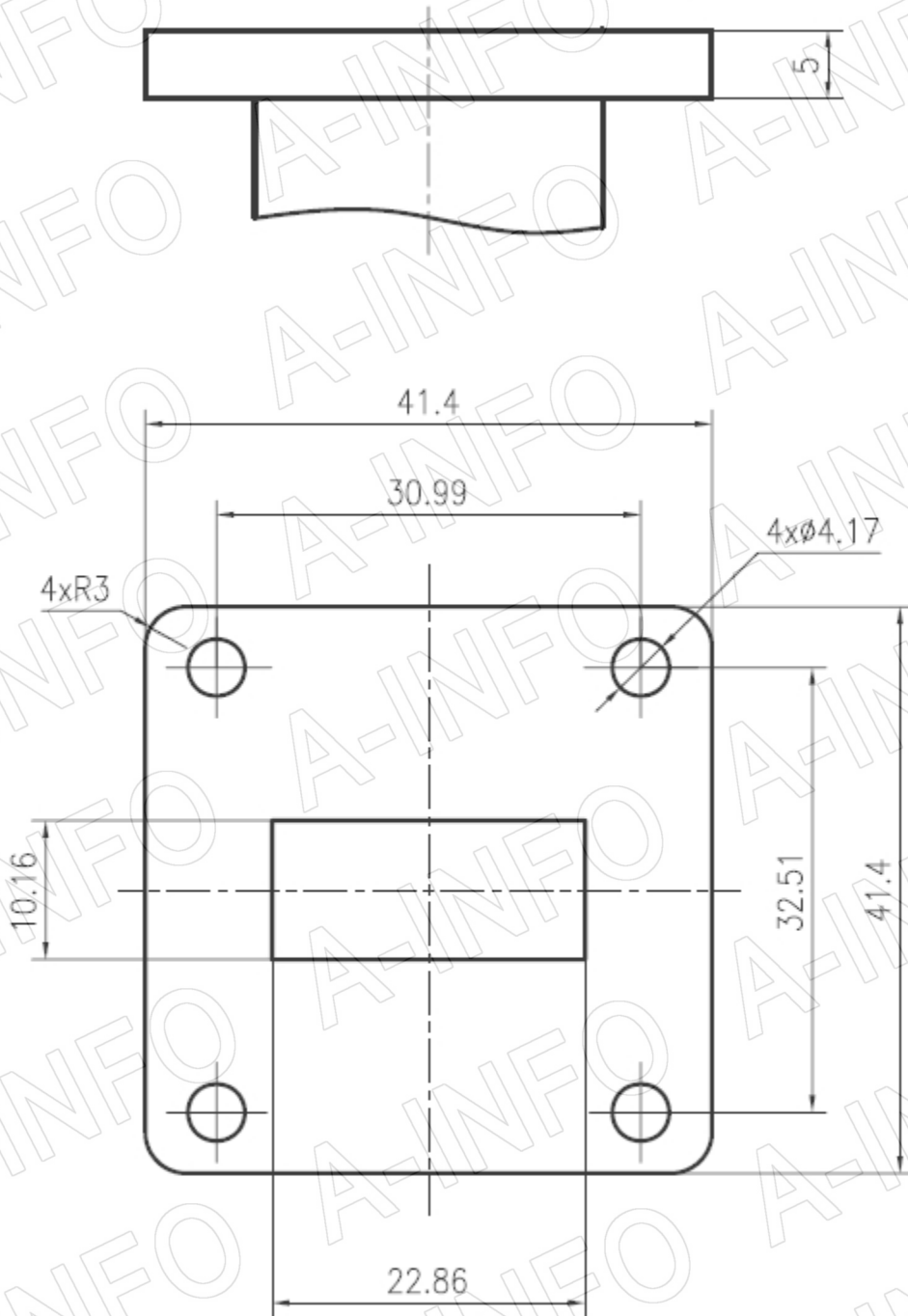


## SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CH-90-20-L)

For N-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



## Flange Drawing (Size: mm)



**FBP100**

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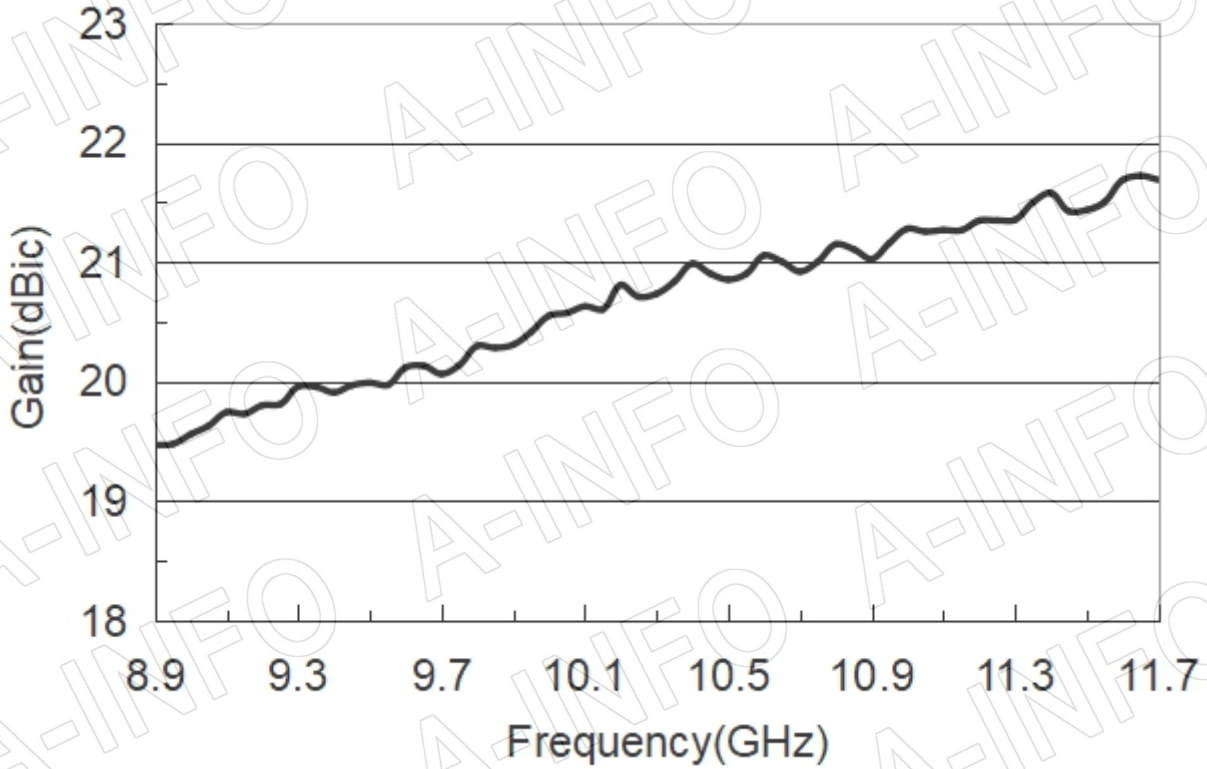
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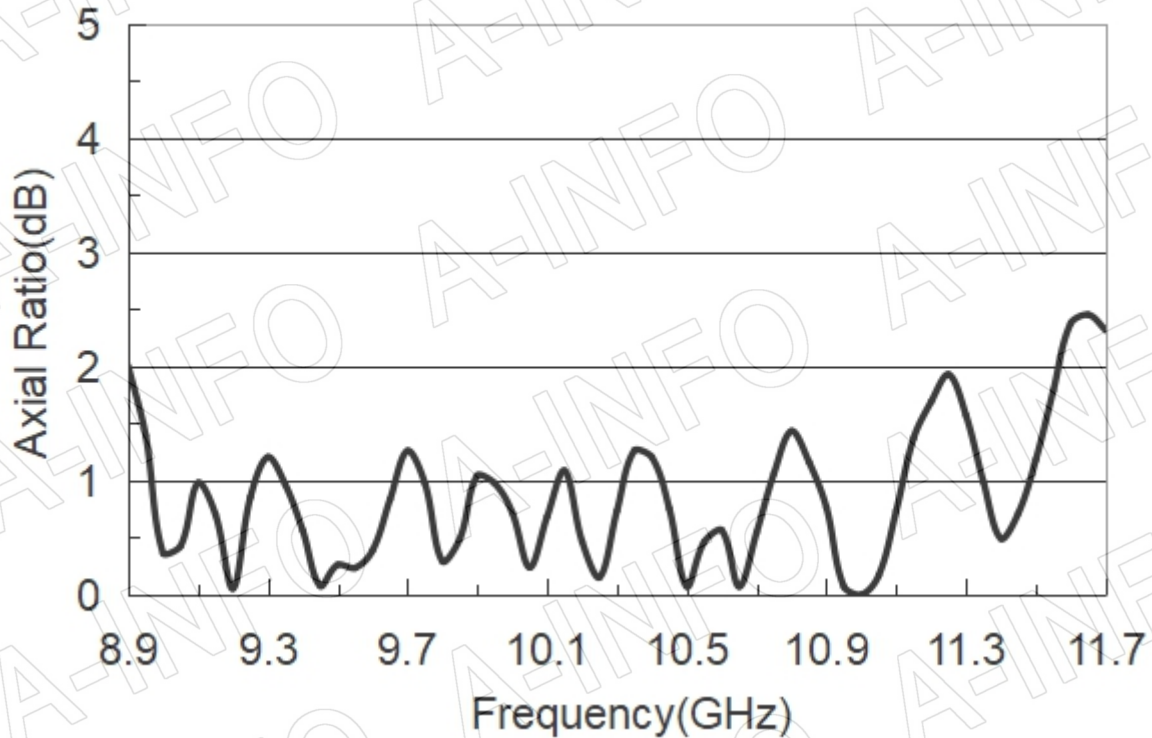
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## Test Results

### 1. Gain

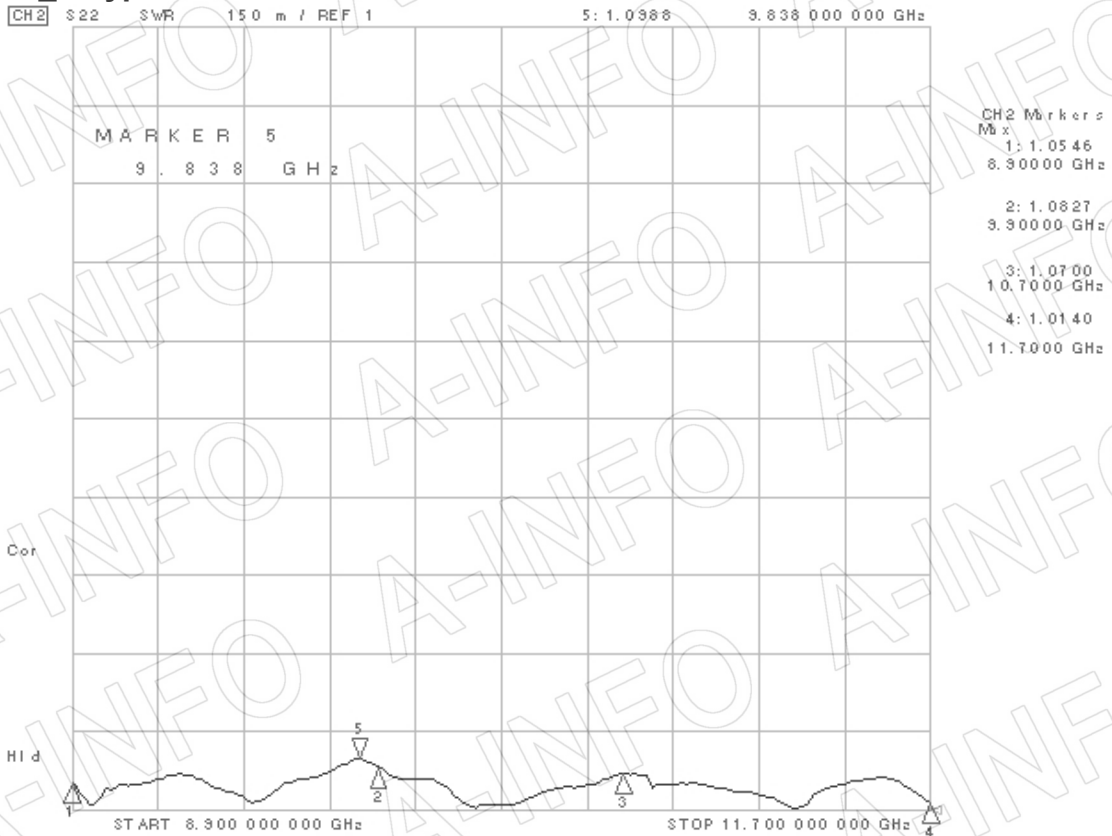


### 2. Axial Ratio

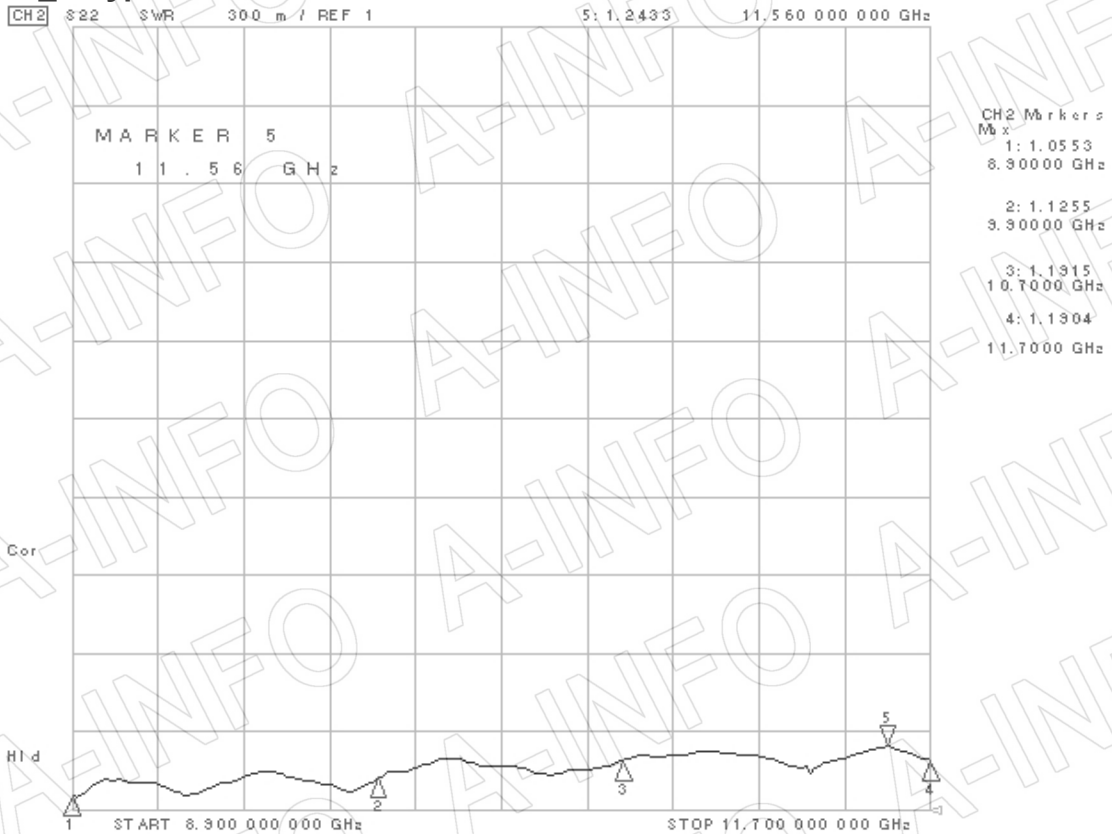




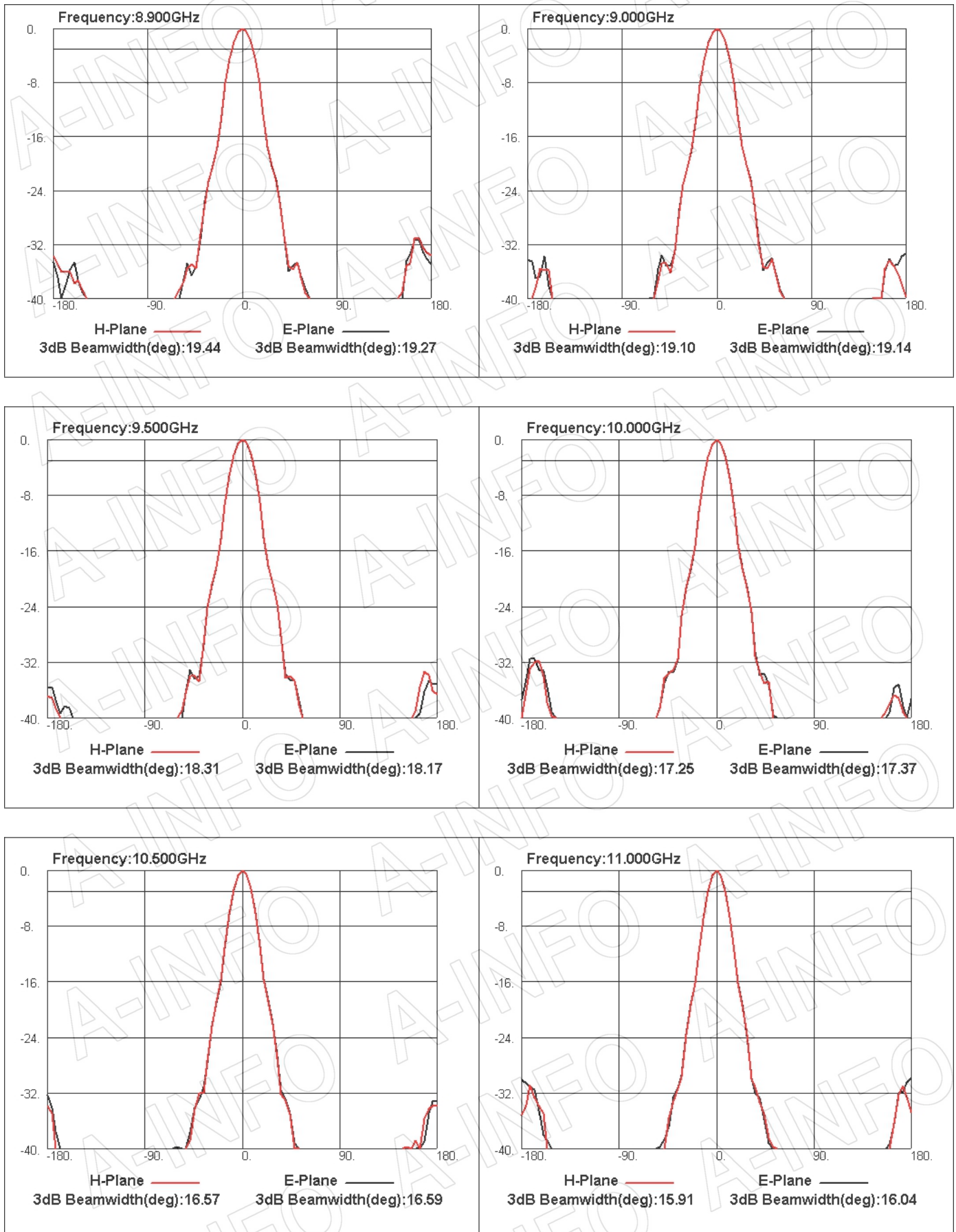
### 3. VSWR\_A Type



### VSWR\_C Type



## 4. Pattern



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