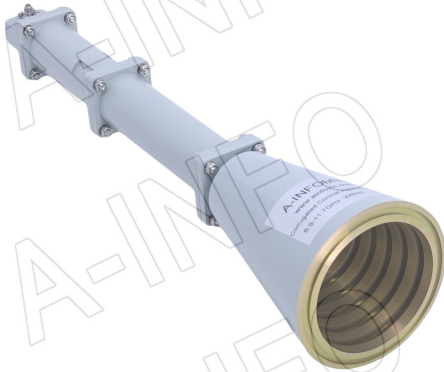


For reference only. See data sheet for the detailed specifications.

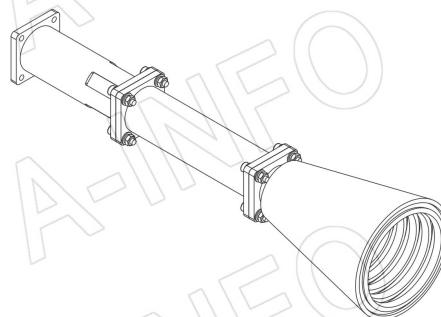
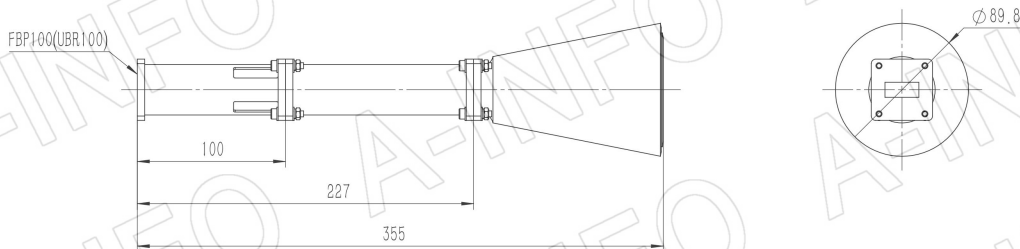
## Technical Specification

Frequency Range(GHz)	8.9 – 11.7
Waveguide	WR90
Gain(dBic)	15 Typ.
Polarization	LHCP
Axial Ratio(dB)	1.5 Typ. ; 3.0 Max.
3dB Beamwidth(deg)	E Plane: 30 Typ.
	H Plane: 30 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: 89.8 x 89.8 x 355
	C Type: 89.8 x 89.8 x 393
Net Weight(Kg)	A Type: 0.76 Around
	C Type: 0.82 Around



## Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CH-90-15-L16-A)



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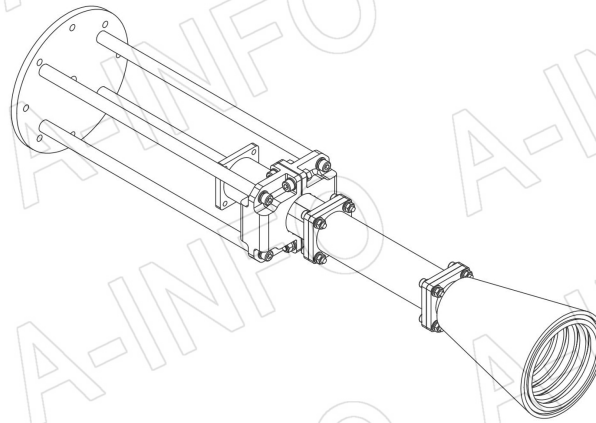
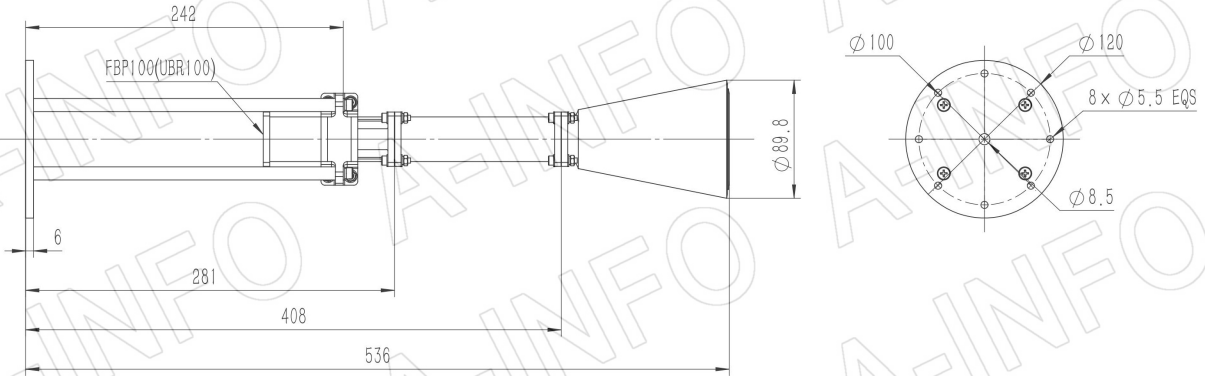
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USA : Tel: (+1) 949-639-9688,

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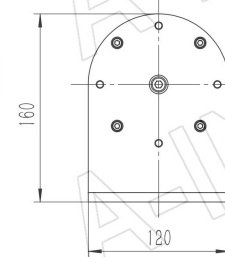
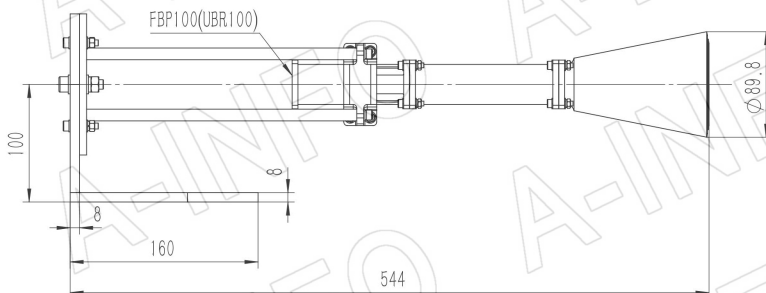
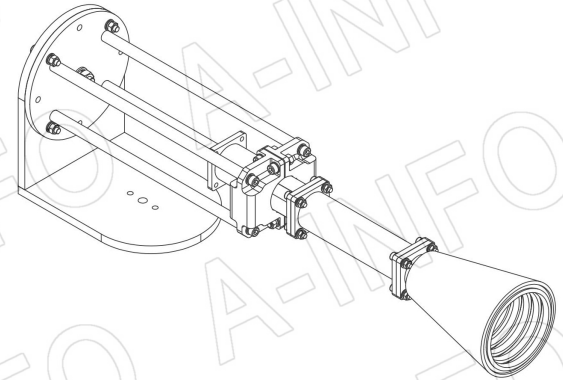
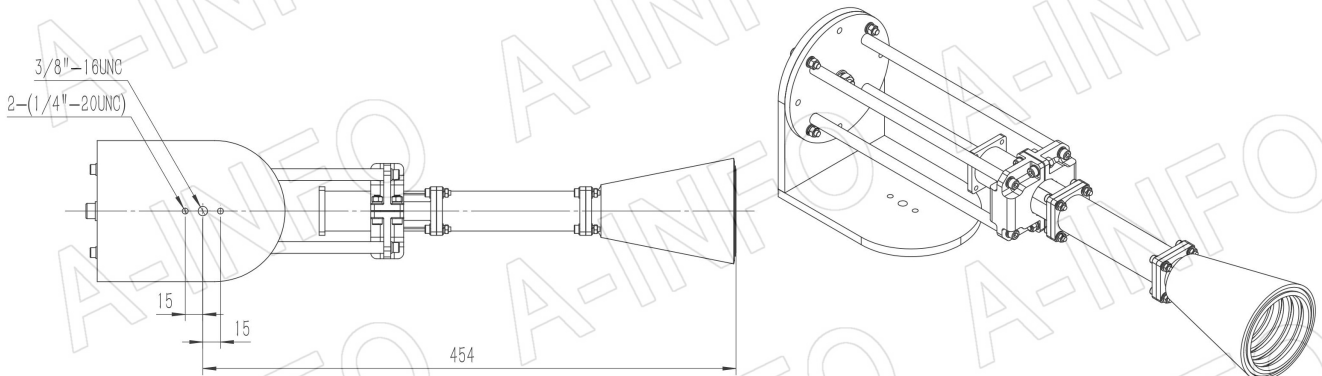
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(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

FBP100 Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-10-MB)



FBP100 Output with L Type Mounting Bracket (Option, P/N: LB-CNH-90-10-MBL)



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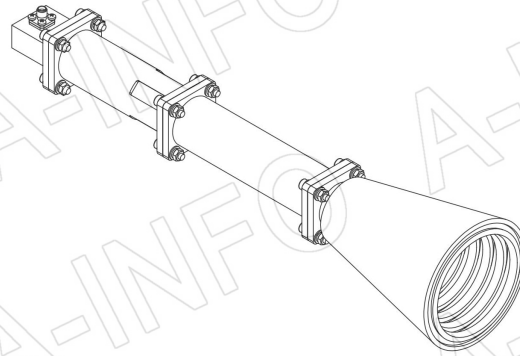
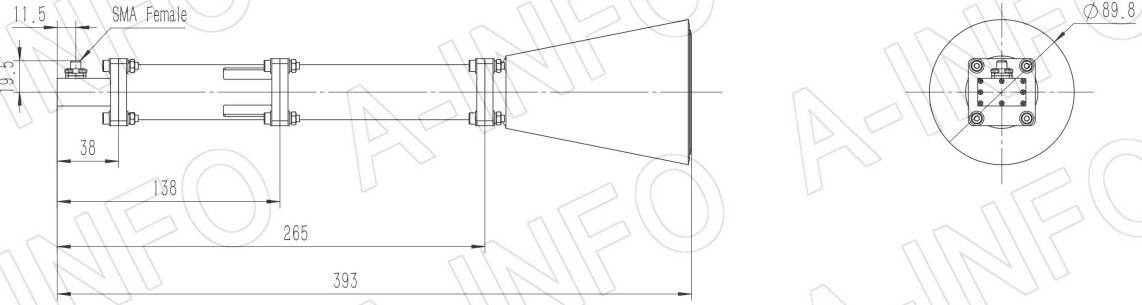
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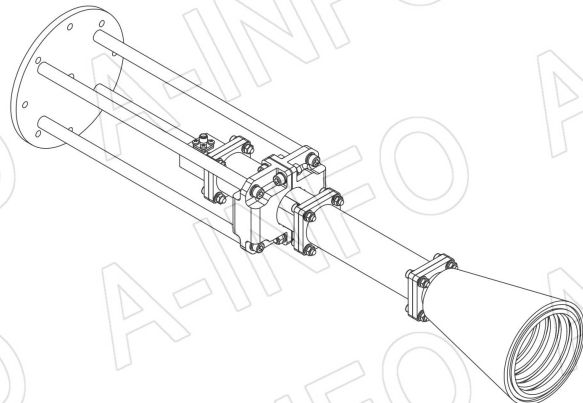
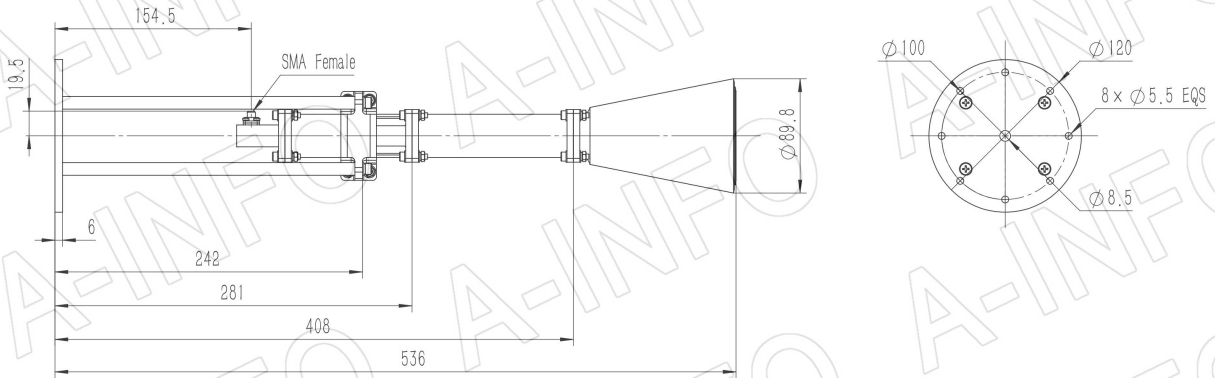
## SMA-Female Output (P/N: LB-CH-90-15-L16-C-SF)

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



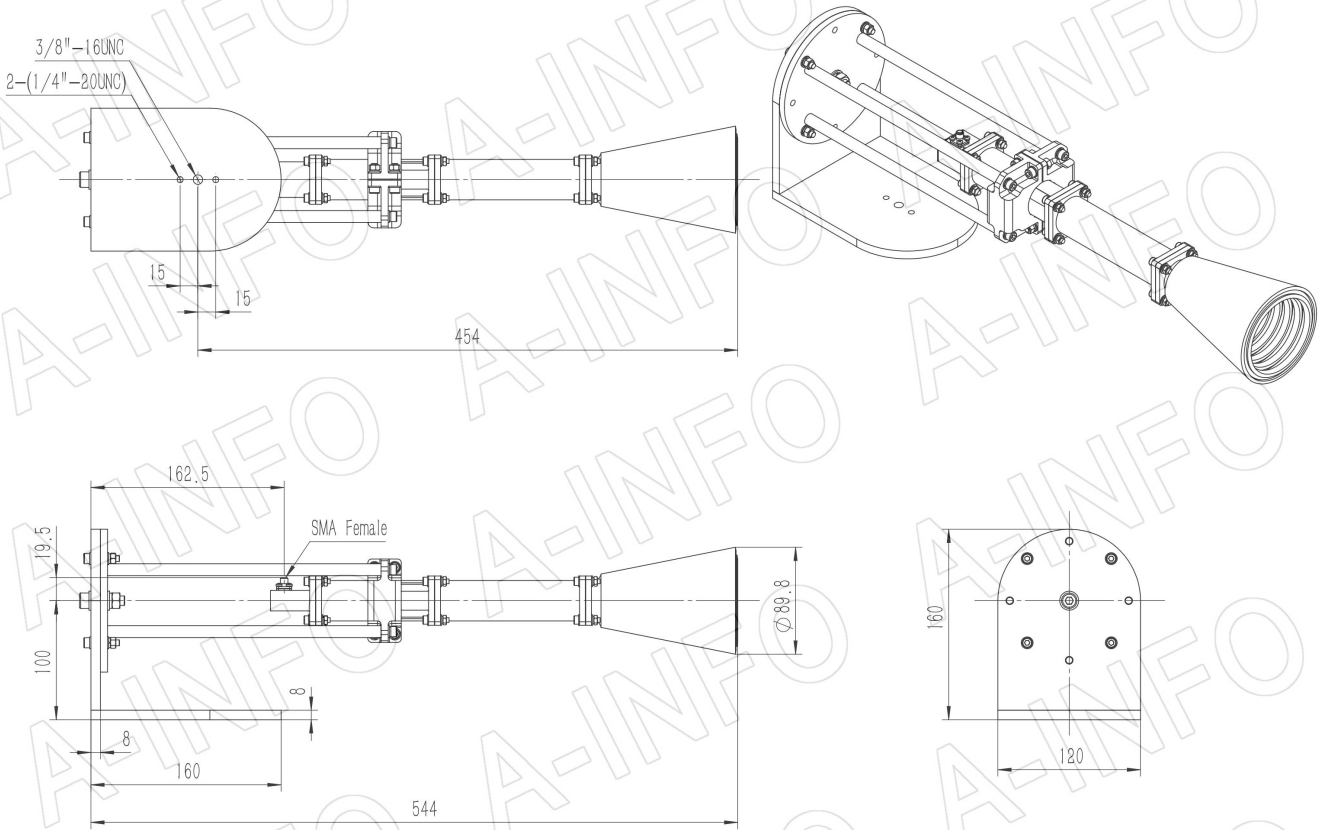
## SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-10-MB)

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

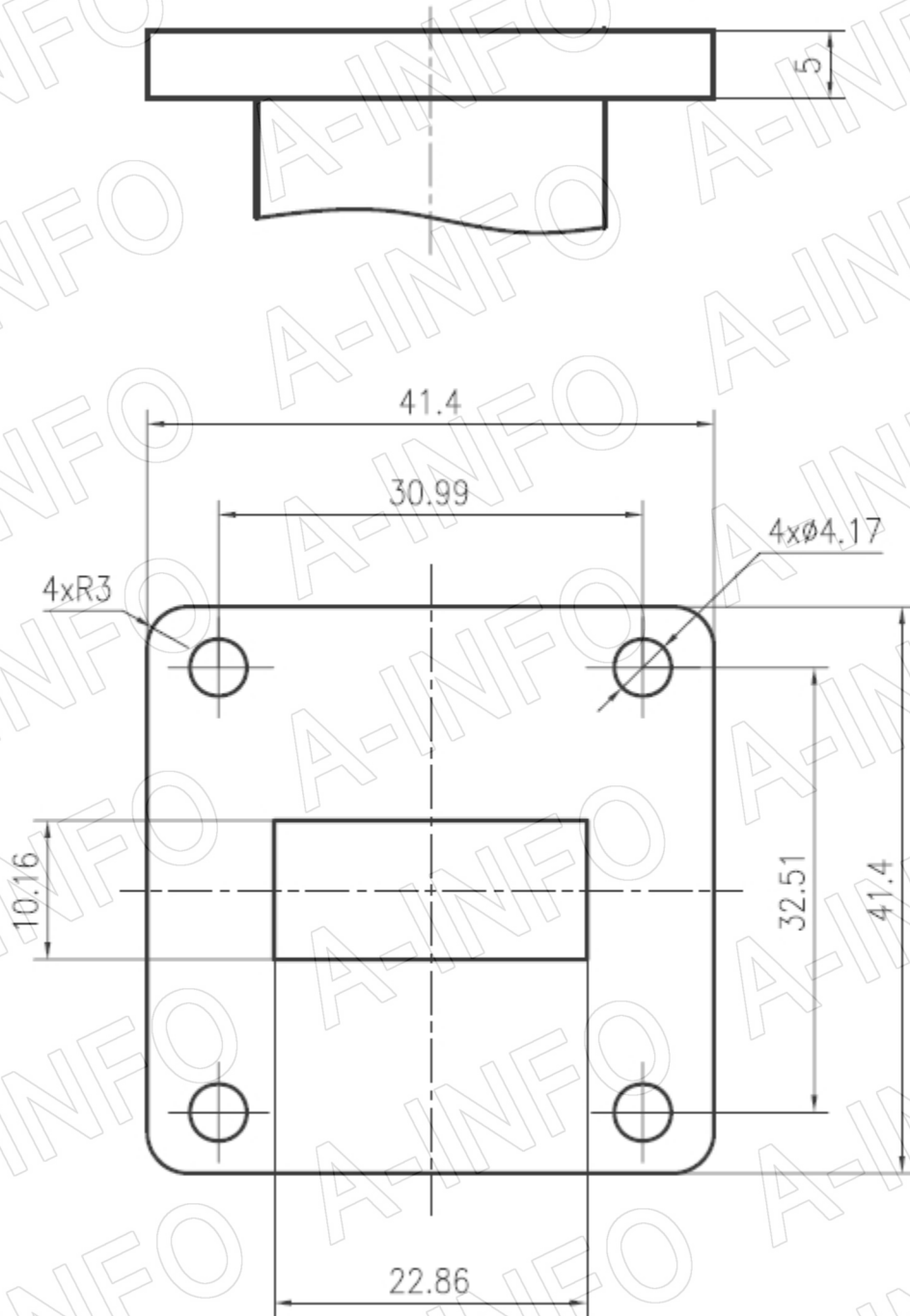


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-90-10-MBL)

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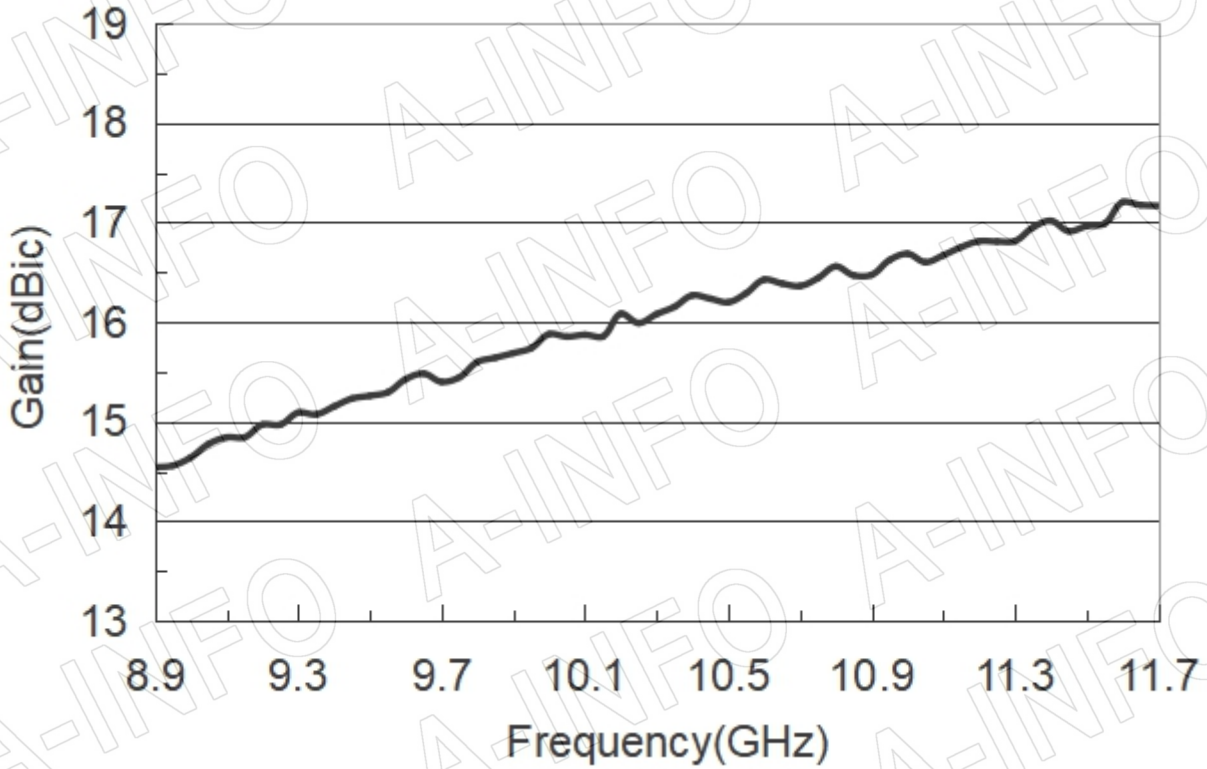
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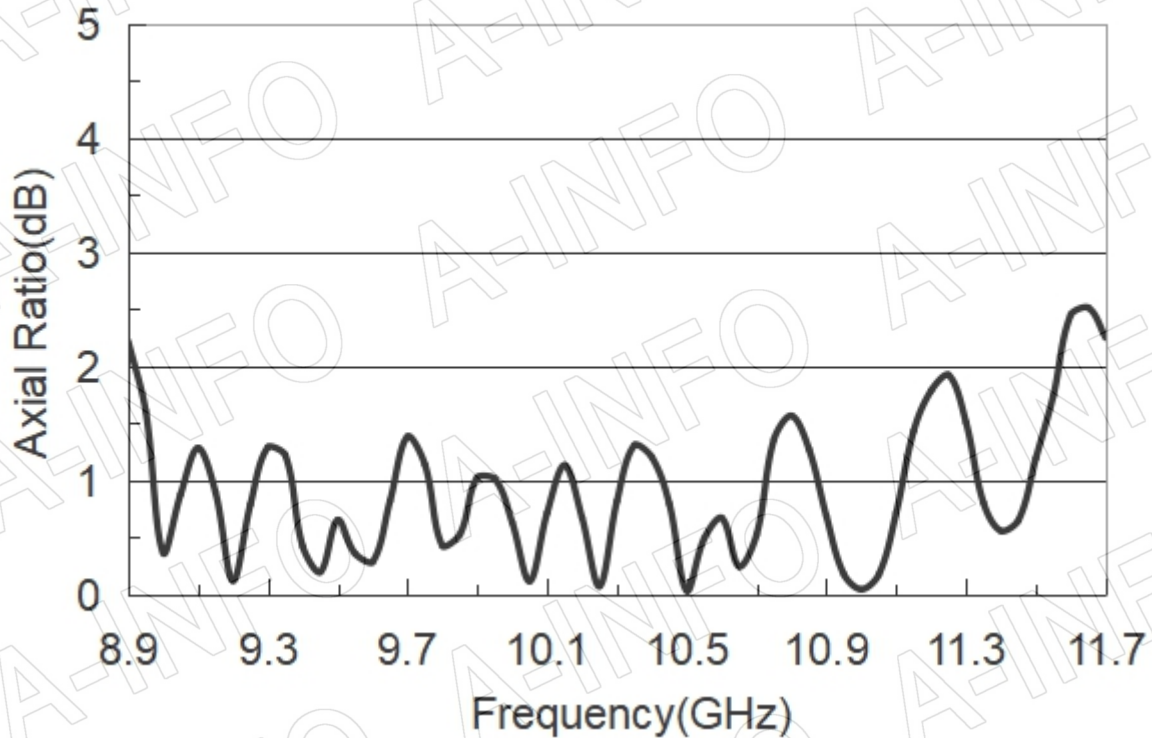
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

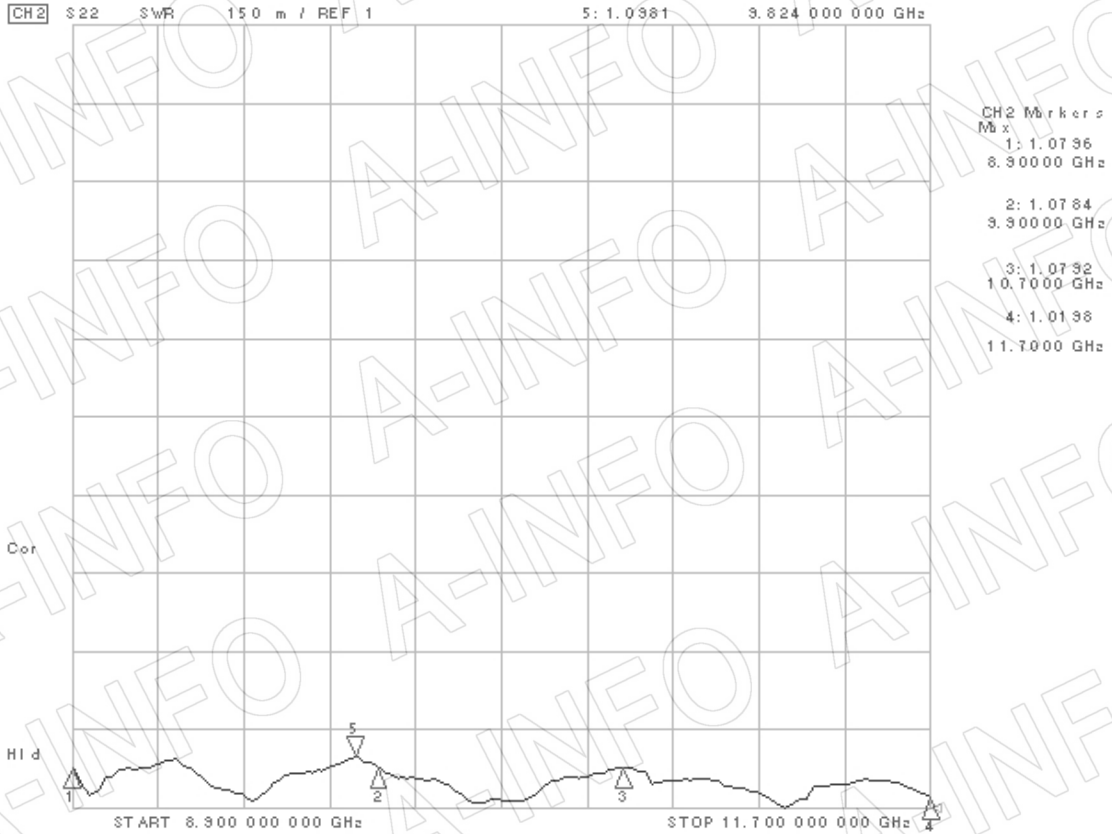
### 1. Gain



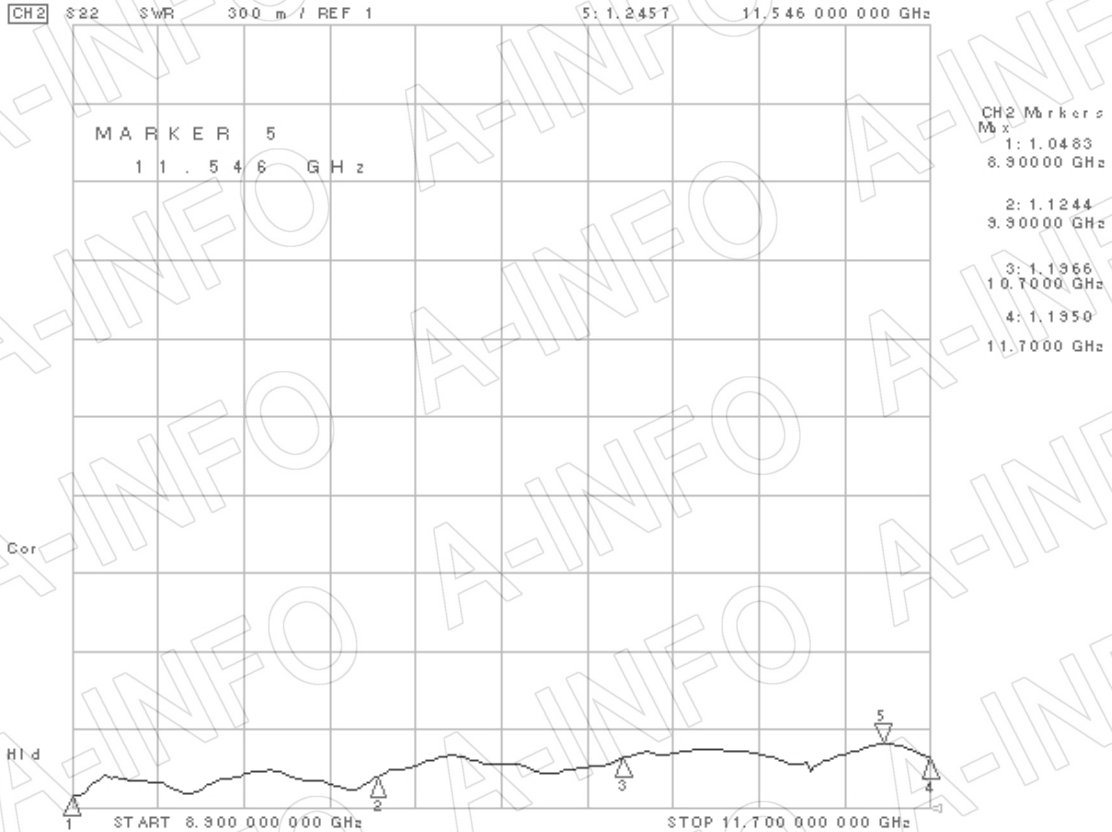
### 2. Axial Ratio



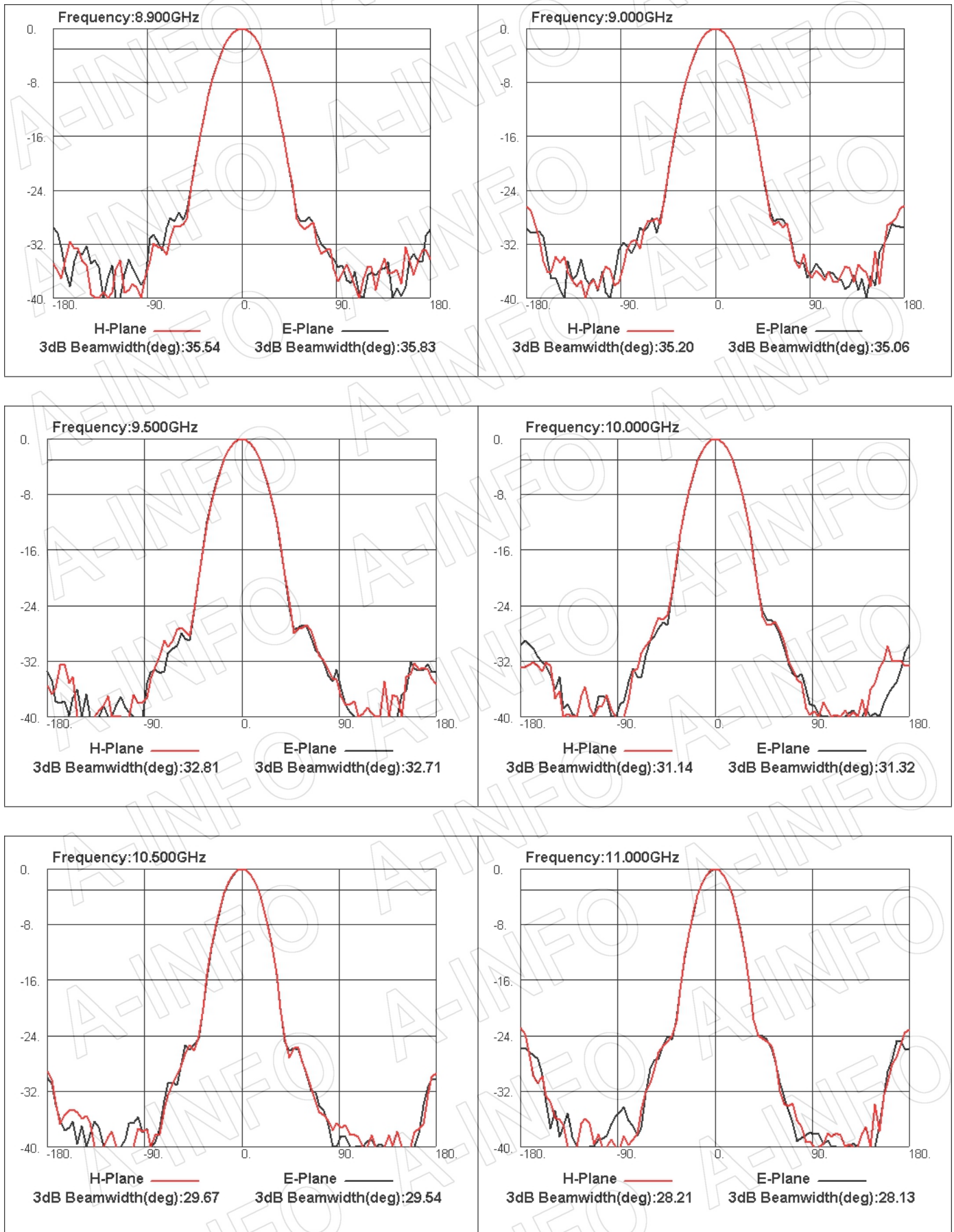
### 3. VSWR\_A Type



### VSWR\_C Type



## 4. Pattern



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