

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

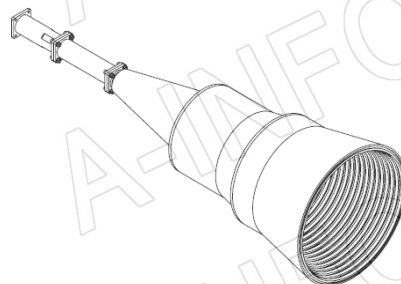
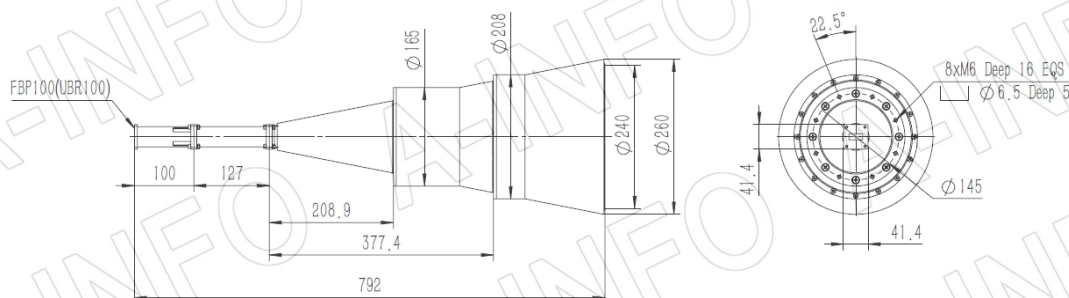
## Technical Specification



Frequency Range(GHz)	8.9 - 11.7
Waveguide	WR90
Gain(dBic)	25 Typ.
Polarization	LHCP
Axial Ratio(dB)	1.5 Typ. ; 3.0 Max.
3dB Beamwidth(deg)	E Plane: 9 Typ.
	H Plane: 9 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: 260 x 260 x 792
	C Type: 260 x 260 x 830
Net Weight(Kg)	A Type: 6.35 Around
	C Type: 6.40 Around

## Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CH-90-25-L16-A)



**AINFO Inc.**

China(Beijing): Tel: (+86) 10-6266-7326,  
China(Chengdu): Tel: (+86) 28-8519-2786,  
USA: Tel: (+1) 949-639-9688,

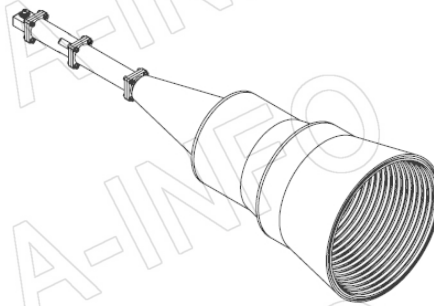
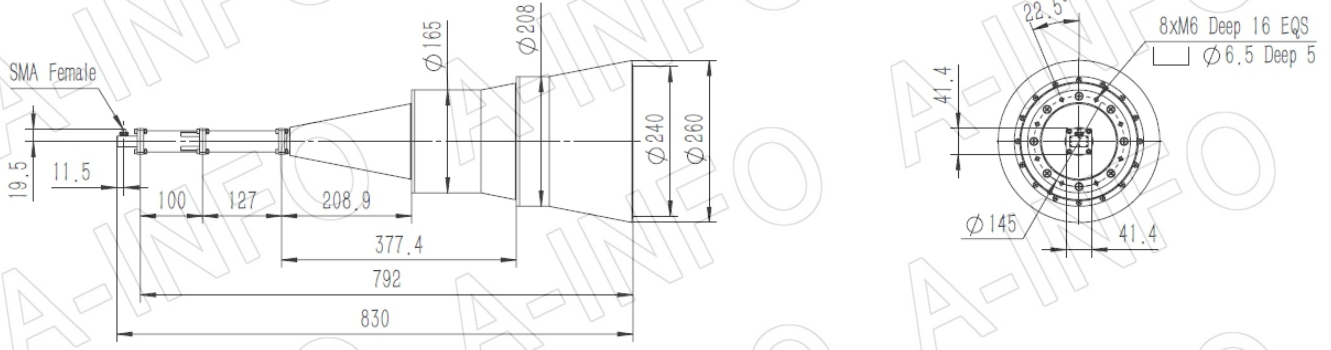
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(+1) 949-639-9608 Fax: (+1) 949-639-9670

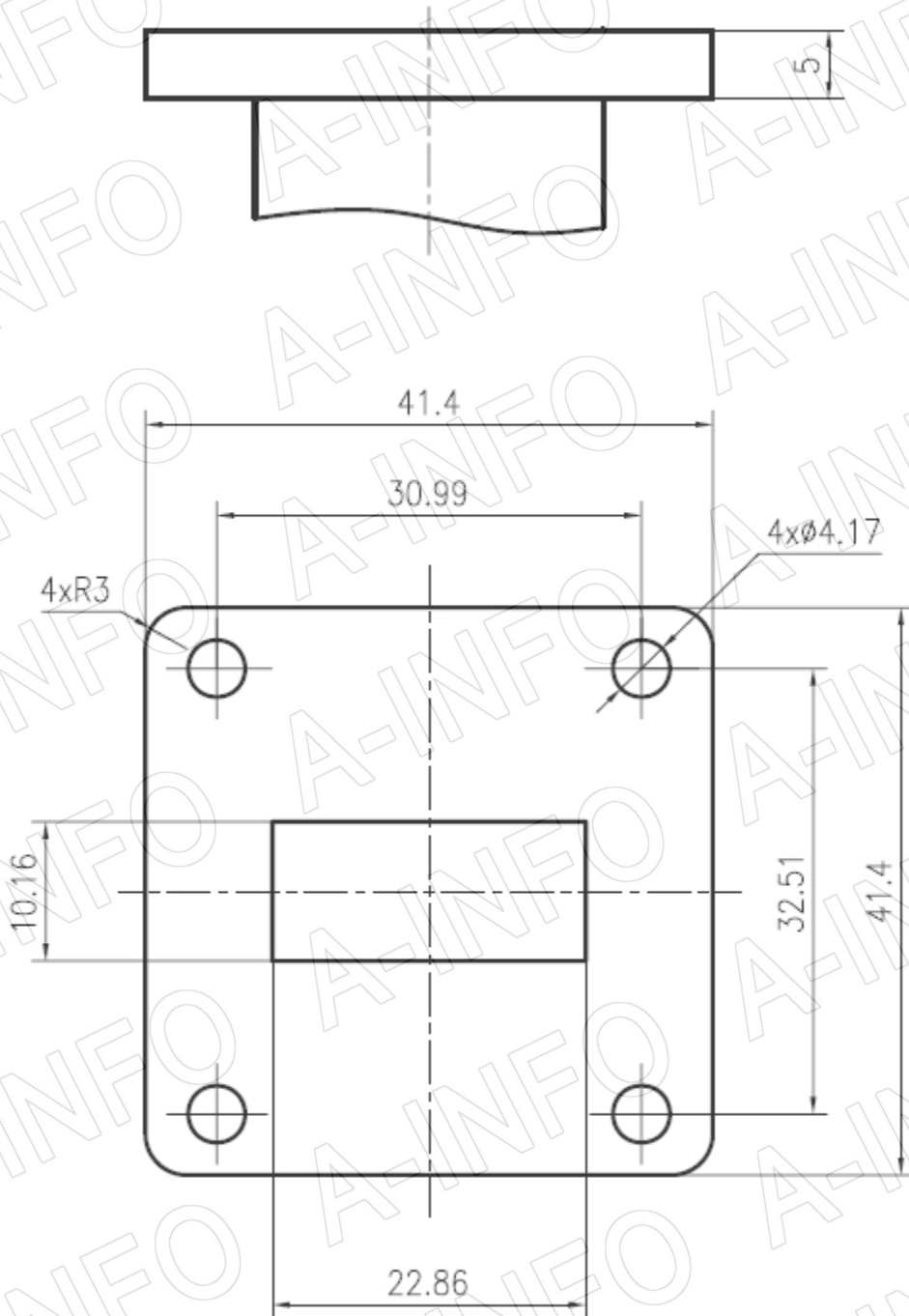
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## SMA-Female Output (P/N: LB-CH-90-25-L16-C-SF)

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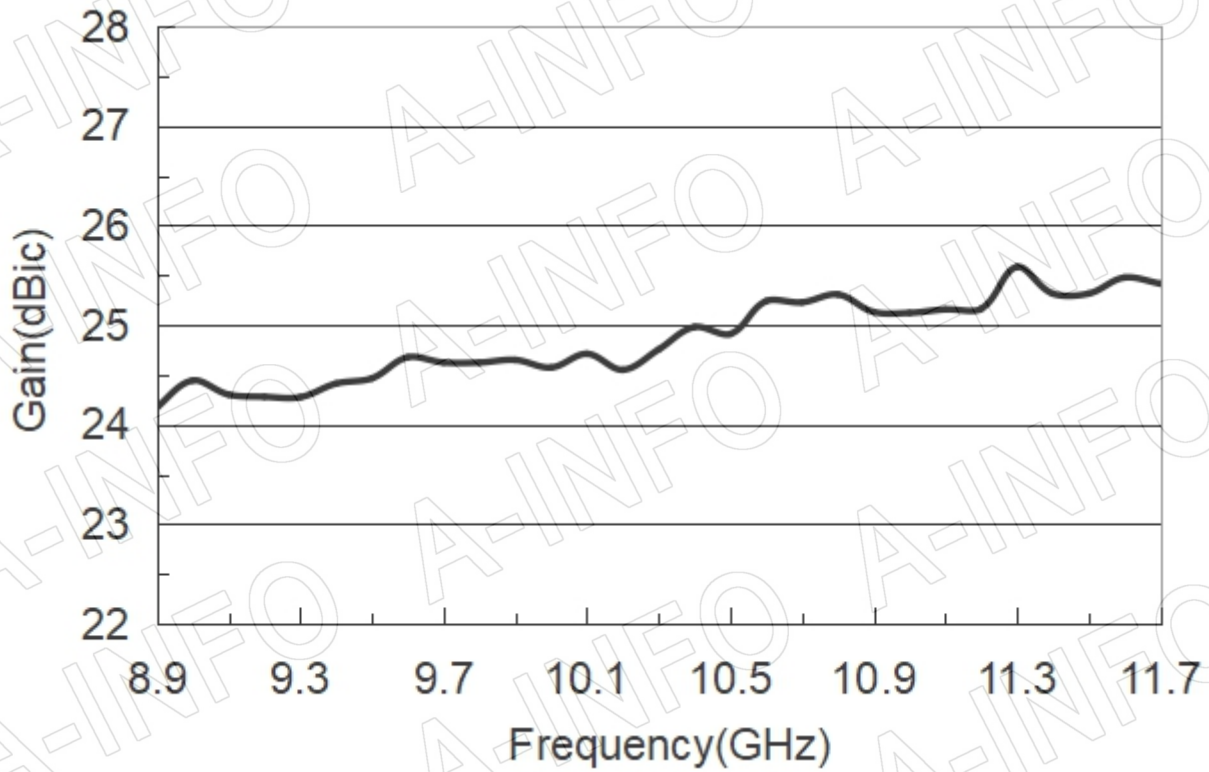
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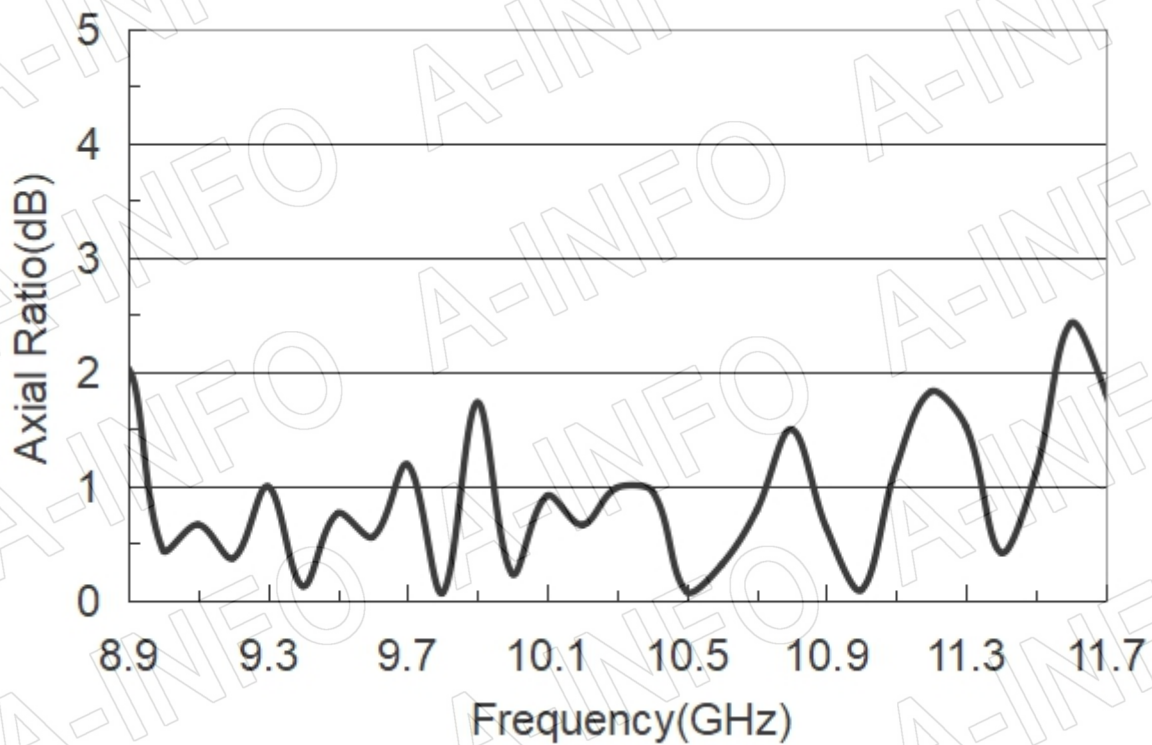
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
 Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

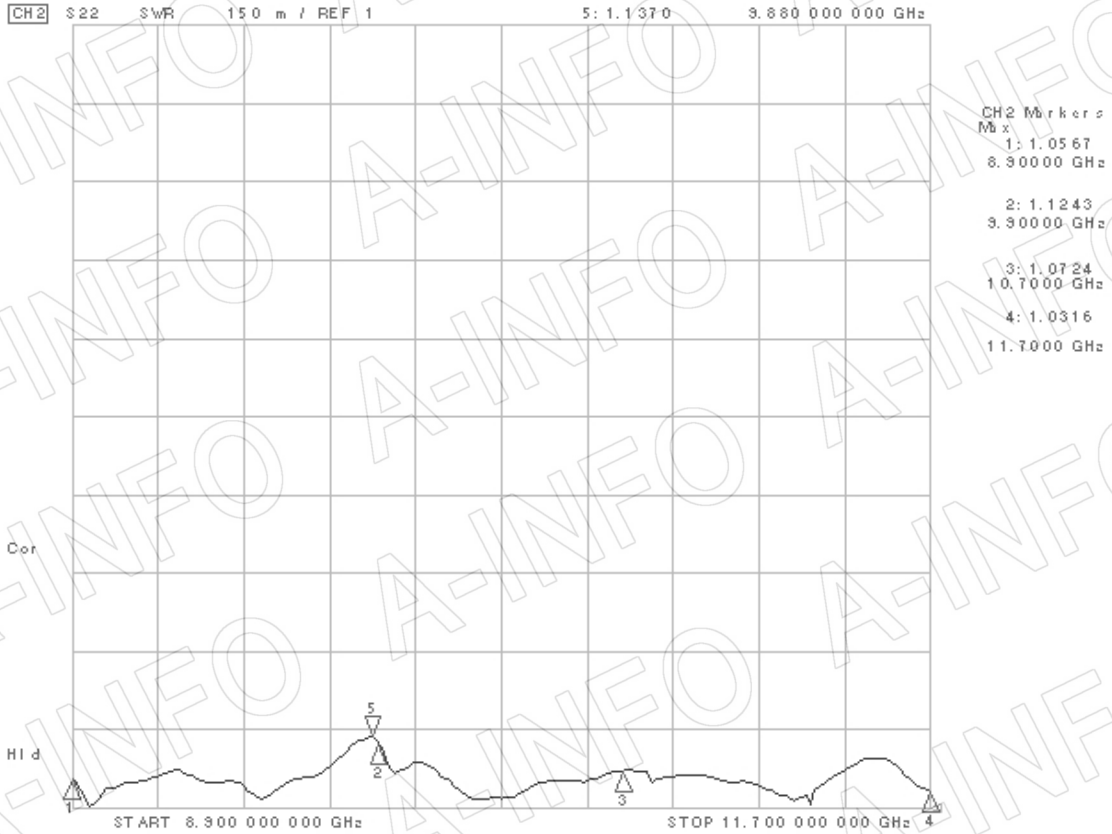
### 1. Gain



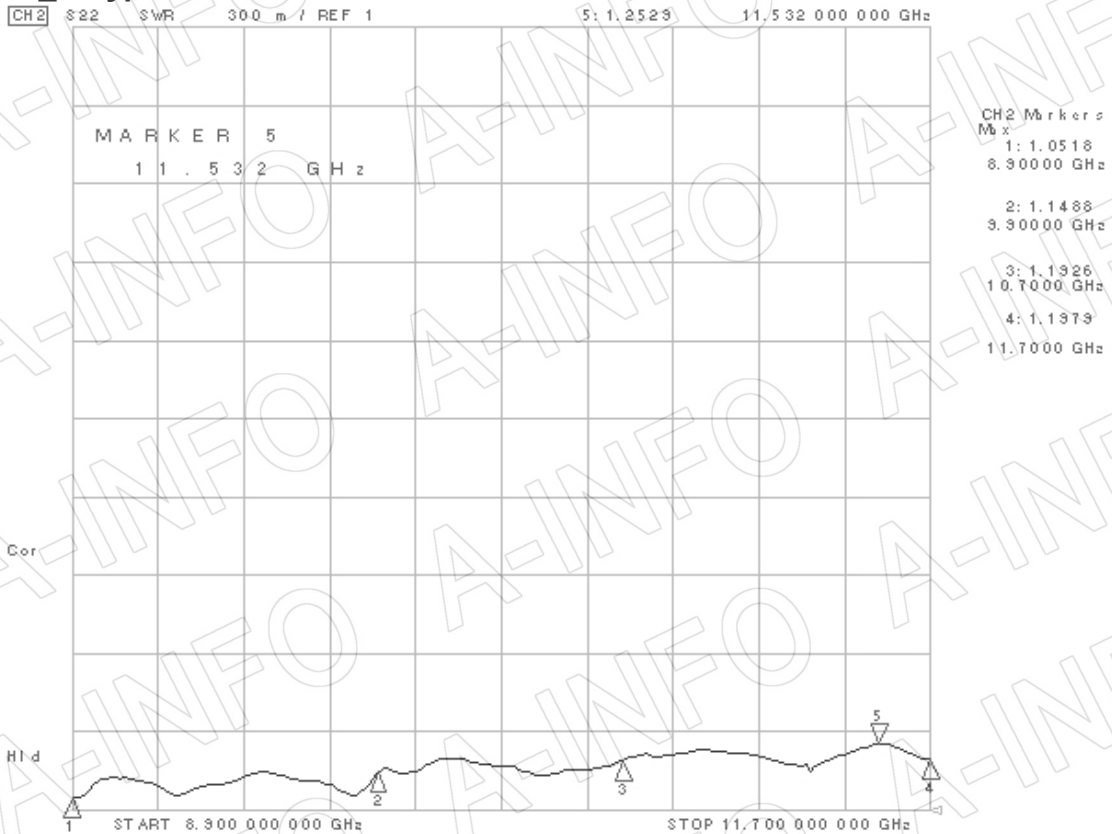
### 2. Axial Ratio



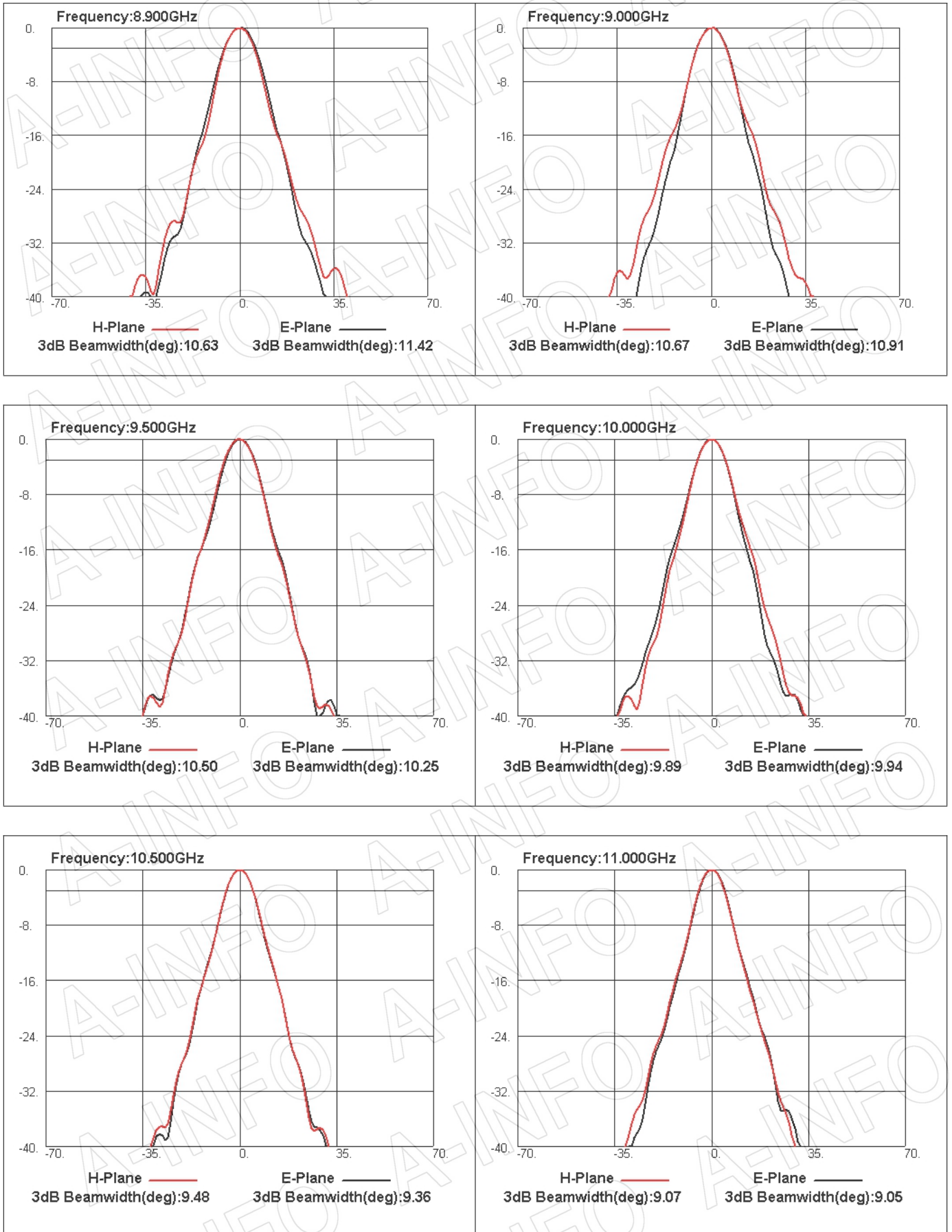
### 3. VSWR\_A Type



### VSWR\_C Type



## 4. Pattern



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