

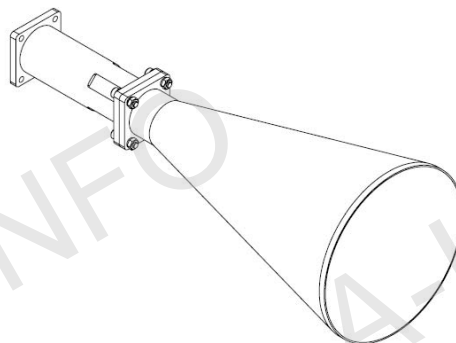
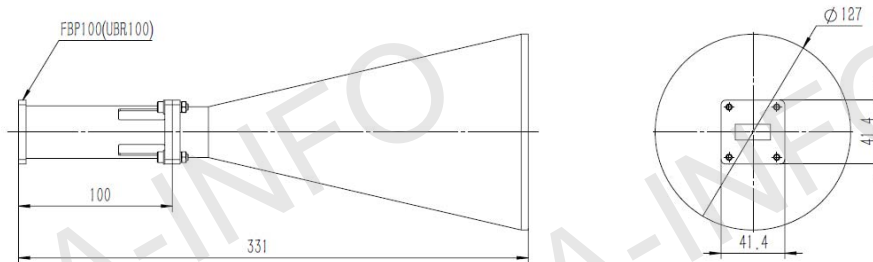
## Technical Specification



Frequency Range(GHz)	8.2-12.4
Waveguide	WR90
Gain(dBi)	20 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 13 Typ.
	H Plane: 15 Typ.
Cross Pol. Isolation(dB)	45 Typ.
VSWR	A Type: 1.25 Max.
	C Type: 1.50 Max.
Output	A Type: FBP100(UBR100)
	SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Size(mm)	A Type: 127 x 127 x 331
	C Type: 127 x 127 x 369
Net Weight(Kg)	A Type: 0.50 Around
	C Type: 0.55 Around

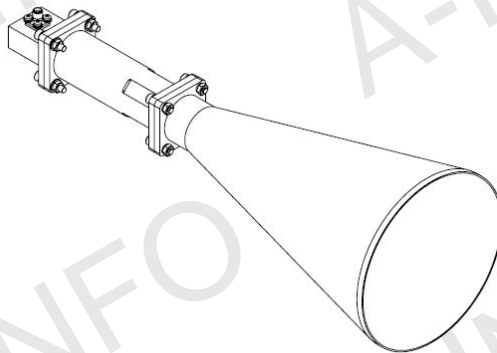
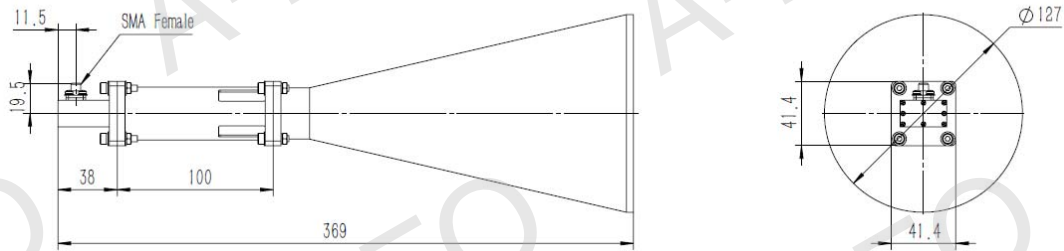
## Outline Drawing (Size: mm)

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



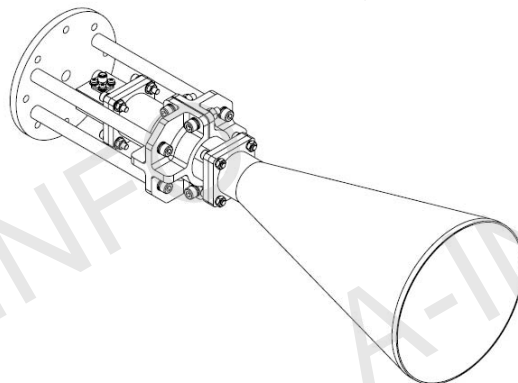
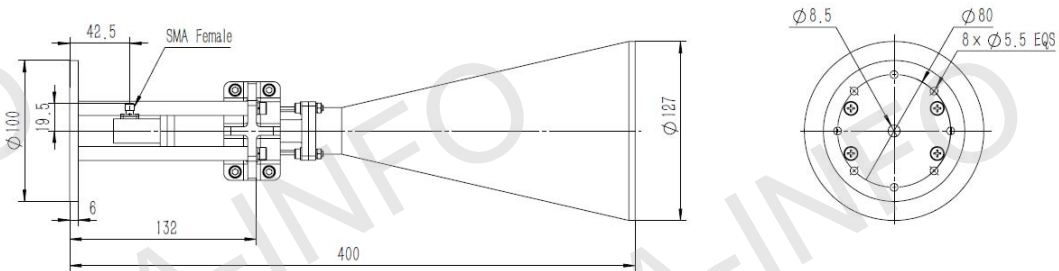
## SMA-Female Output (P/N: LB-CNH-90-20-C-SF)

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



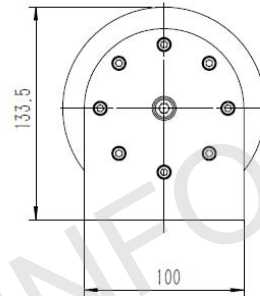
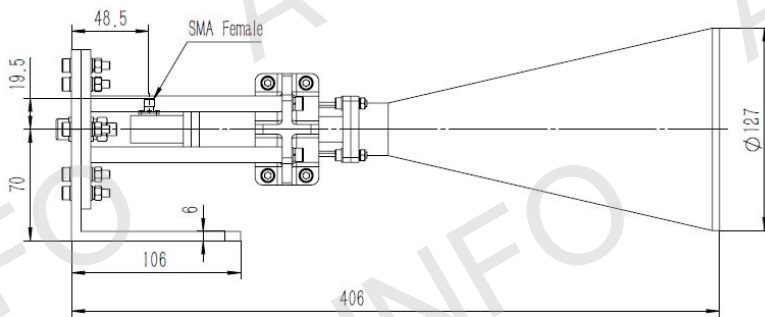
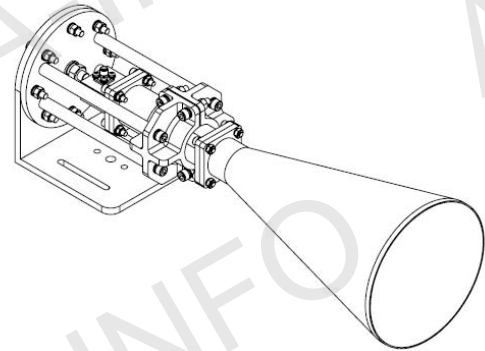
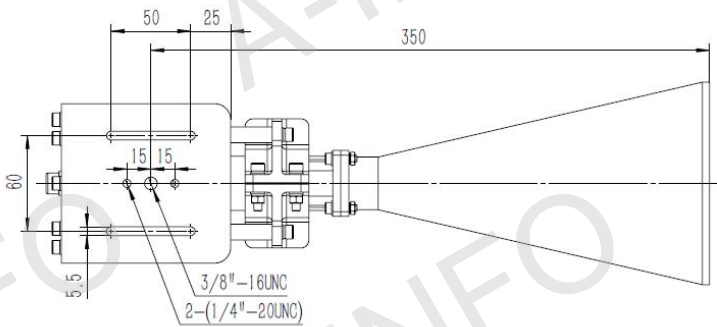
## SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-20-MB)

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

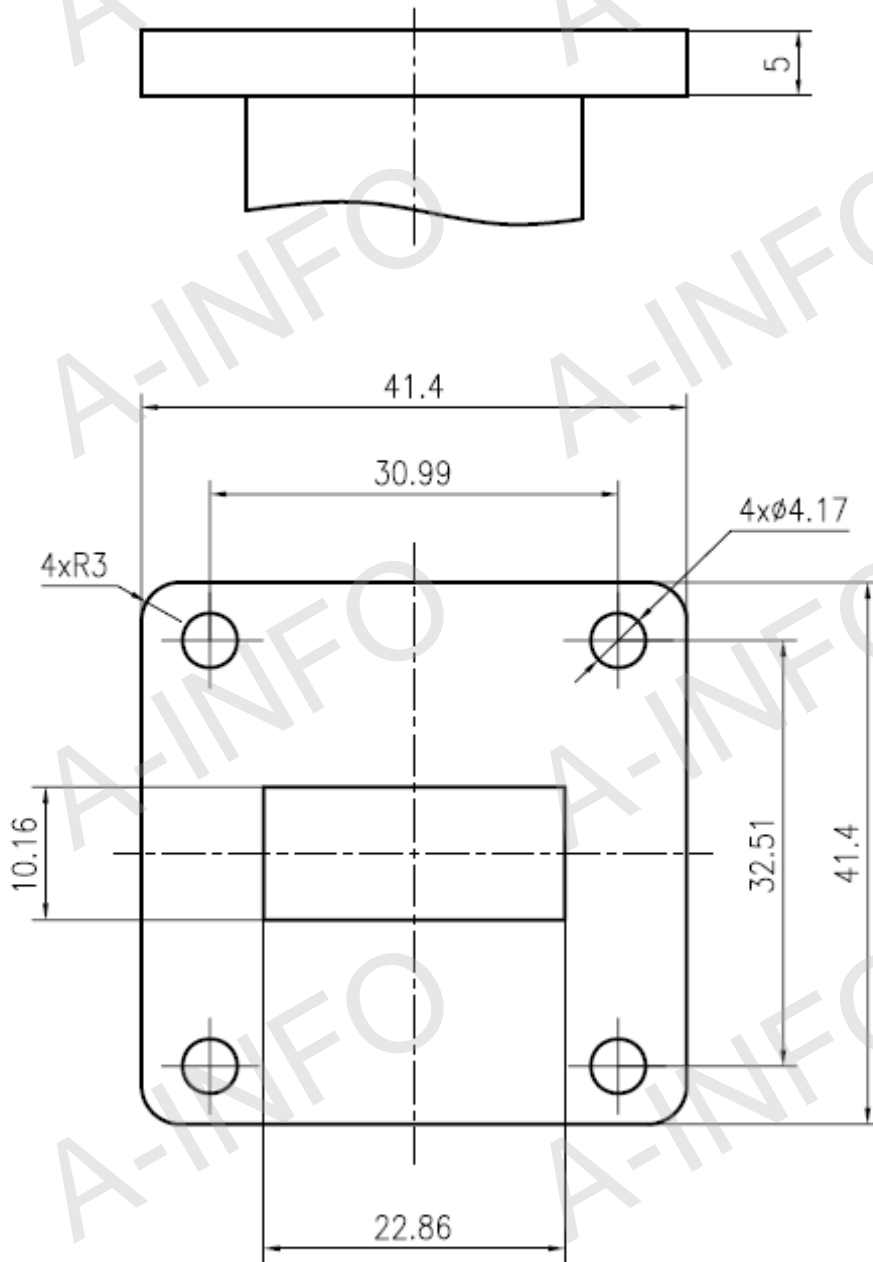


**SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CN-90-20-MBL)**

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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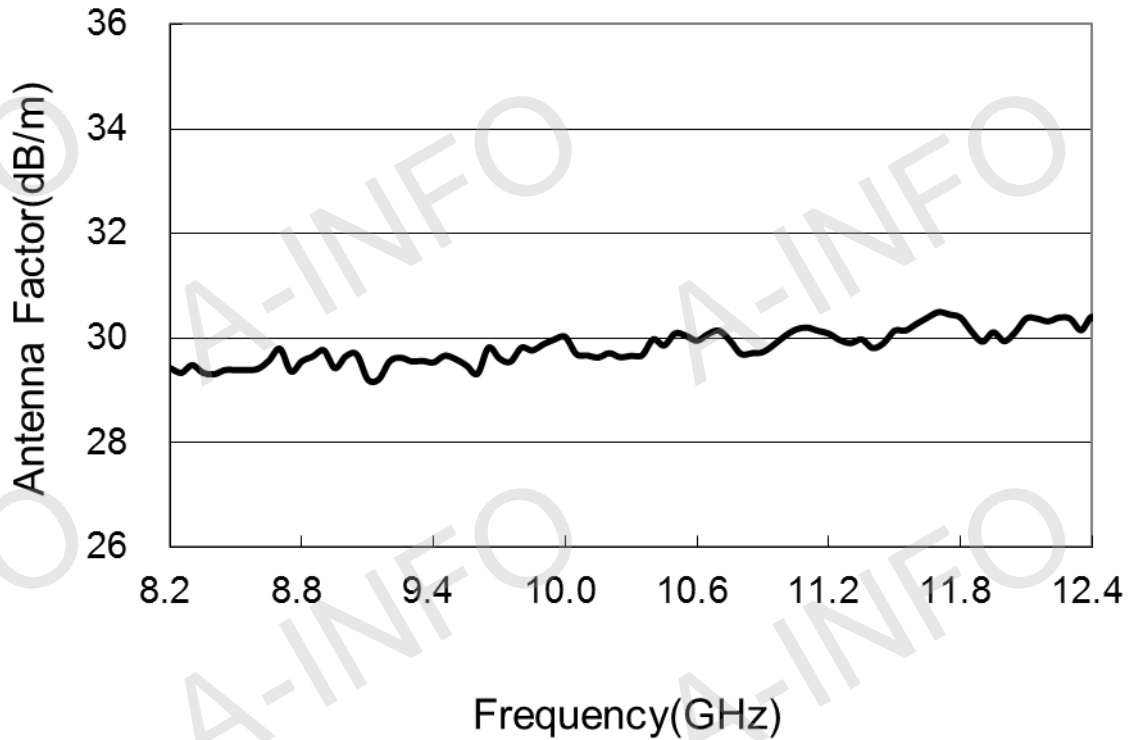
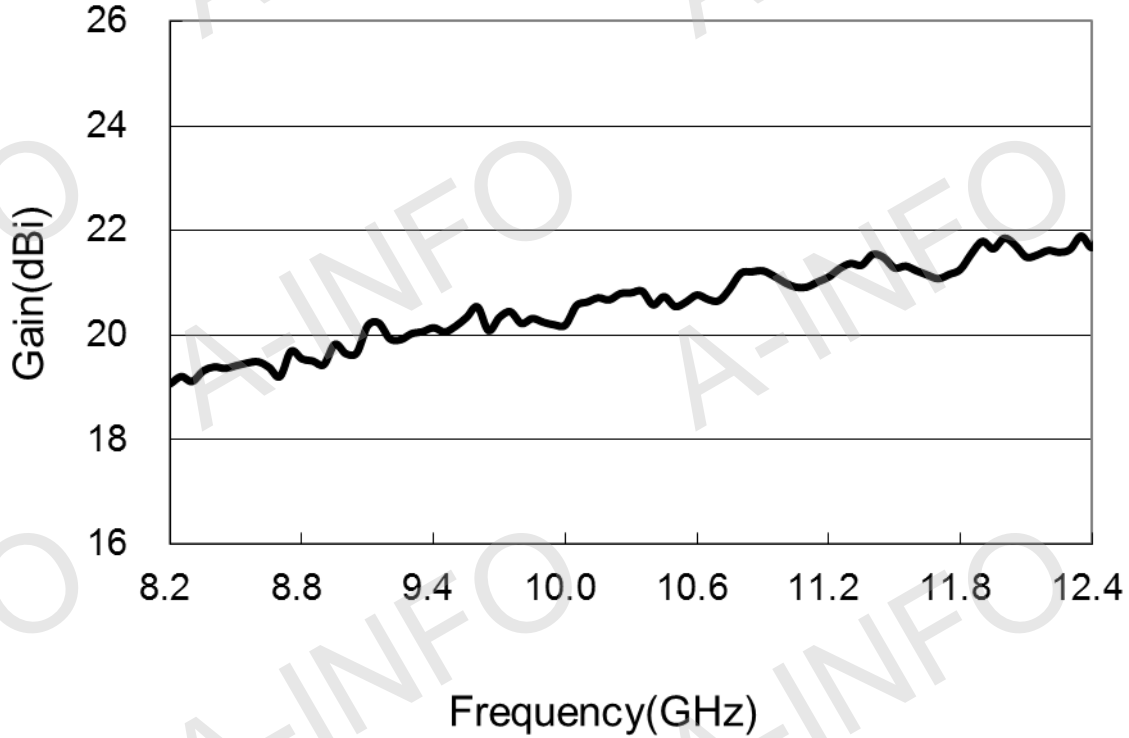
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China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068  
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670

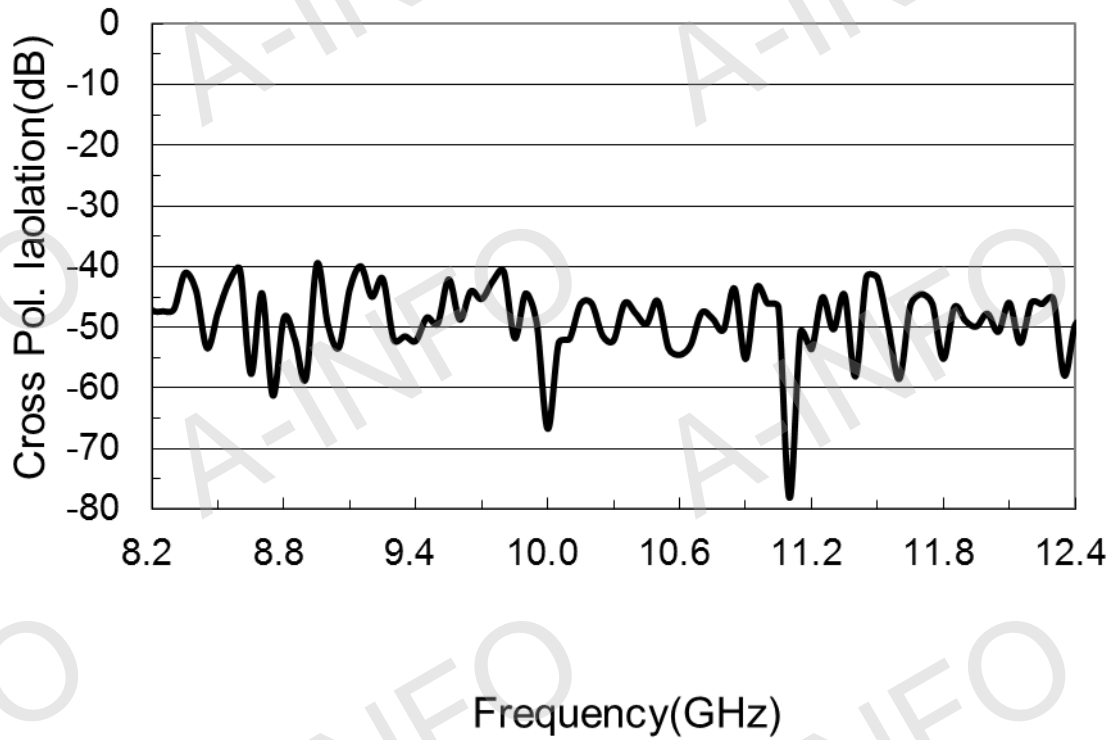
Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

## Test Results

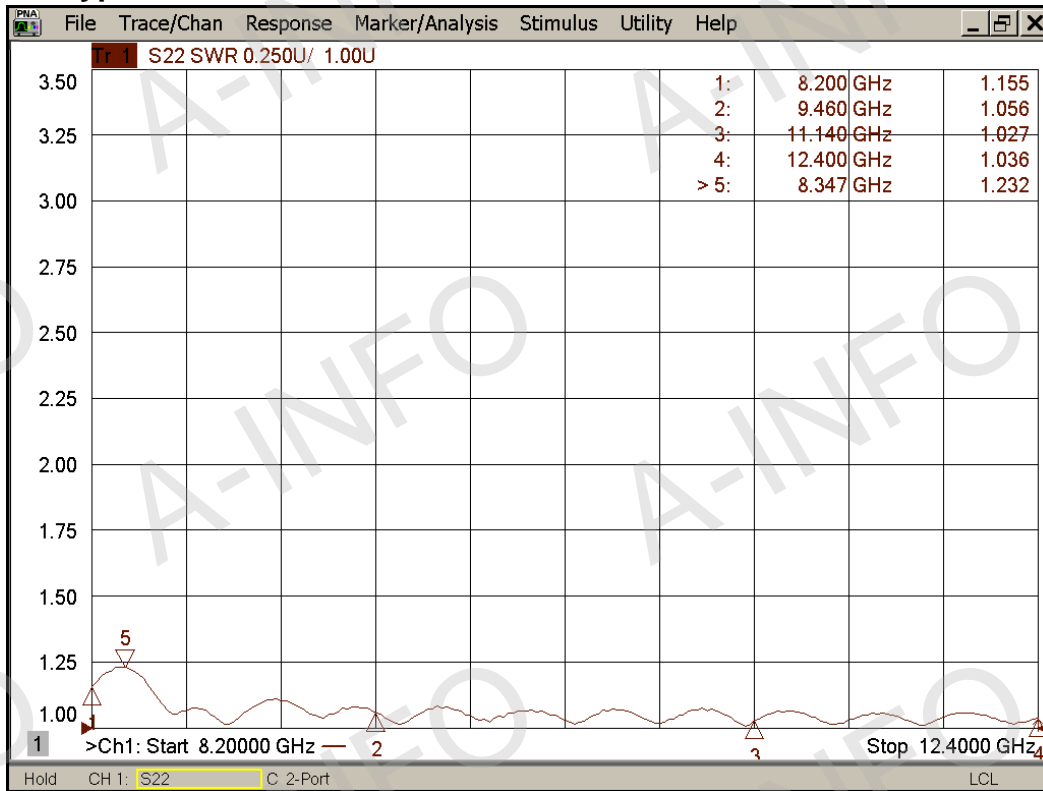
### 1. Gain & Antenna Factor



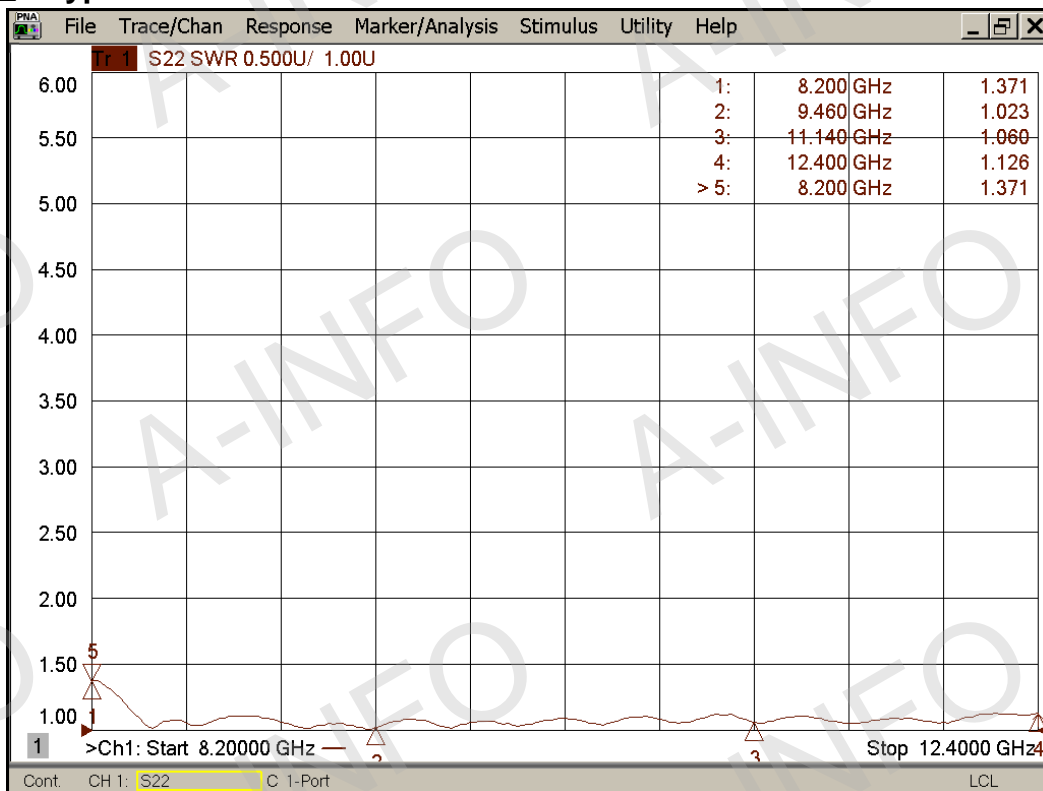
## 2. Cross Polarization Isolation



### 3. VSWR\_A Type



### VSWR\_C Type



## 4. Pattern

