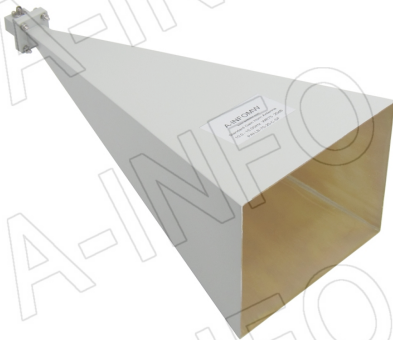


For reference only. See data sheet for the detailed specifications.

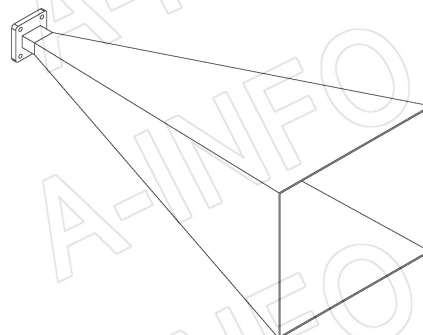
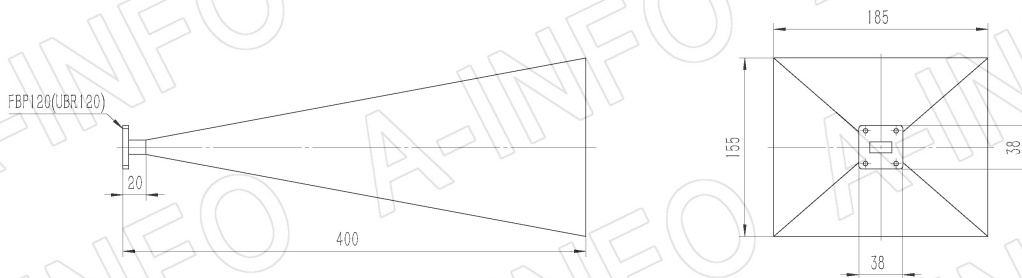
Technical Specification

Frequency Range(GHz)	10.0 - 15.0
Waveguide	WR75
Gain(dBi)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 9 Typ.
	H Plane: 10 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	A Type: 1.10:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FBP120(UBR120)
	SMA-Female or N-Female C Type: or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 185 x 155 x 400
	C Type: 185 x 155 x 430
Net Weight(Kg)	A Type: 0.60 Around
	C Type: 0.65 Around



Outline Drawing (Size: mm)

FBP120 Output (P/N: LB-75-25-A)



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

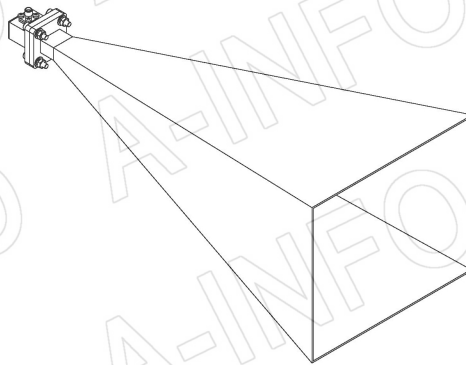
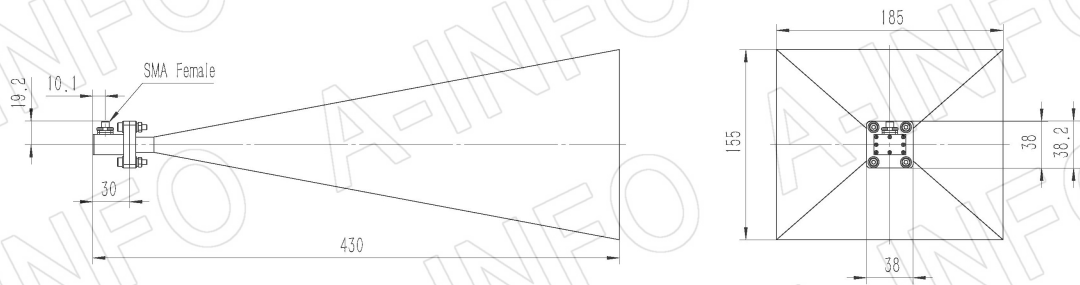
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(+1) 949-639-9608 Fax: (+1) 949-639-9670

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

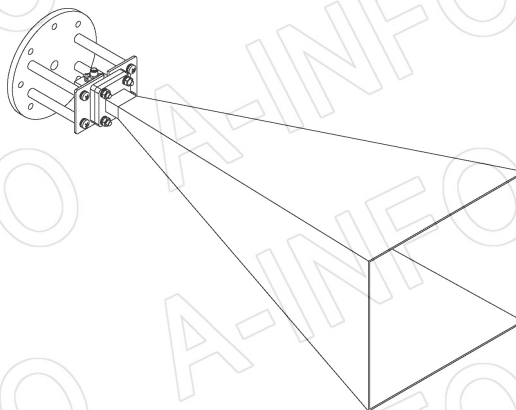
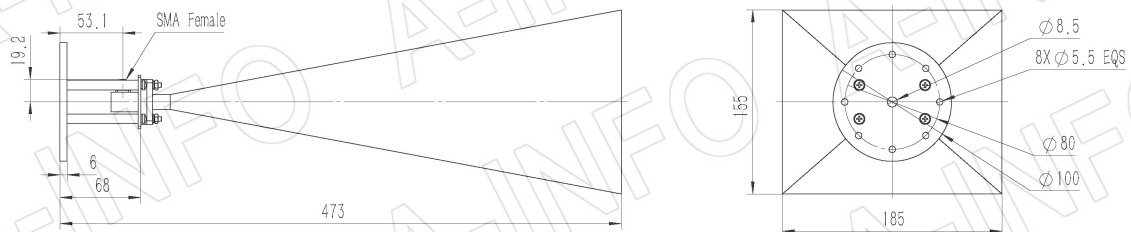
SMA-Female Output (P/N: LB-75-25-C-SF)

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



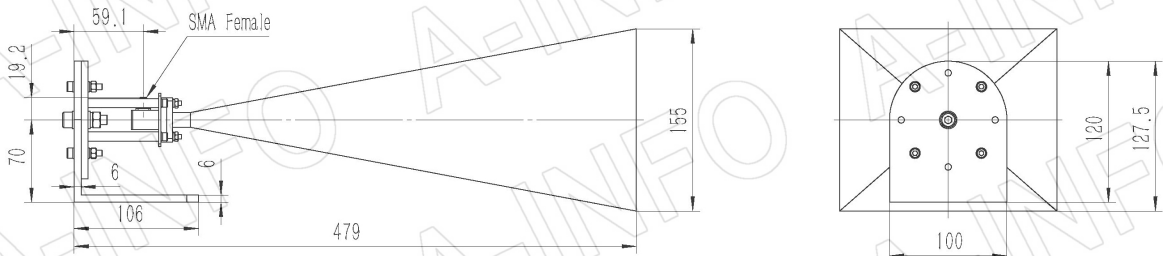
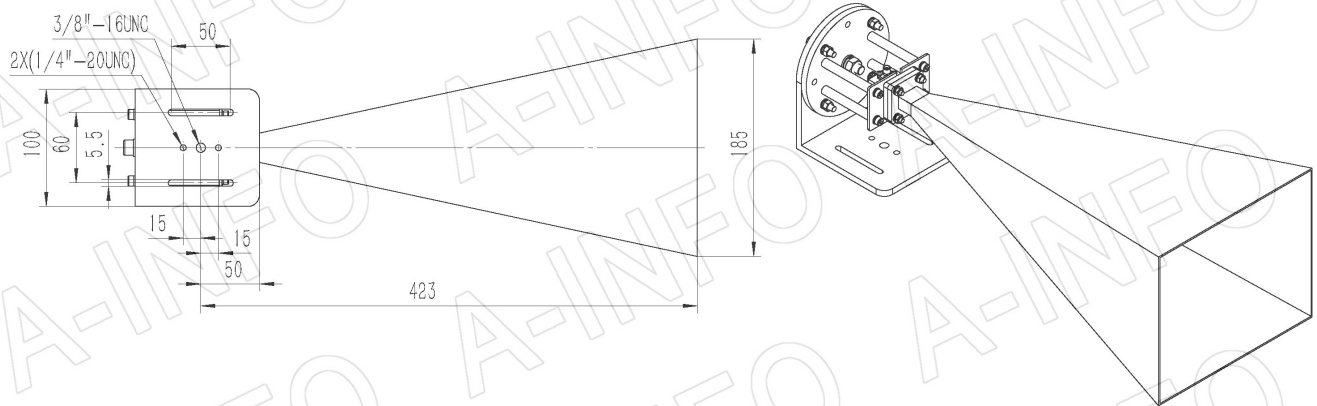
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-75-10-C-MB)

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

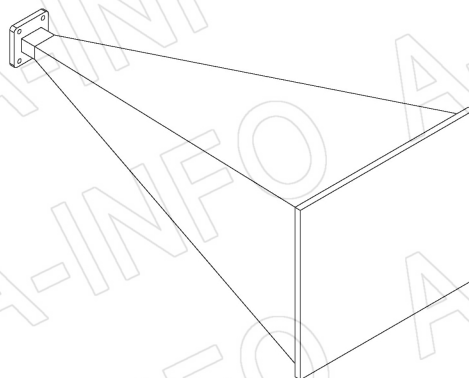
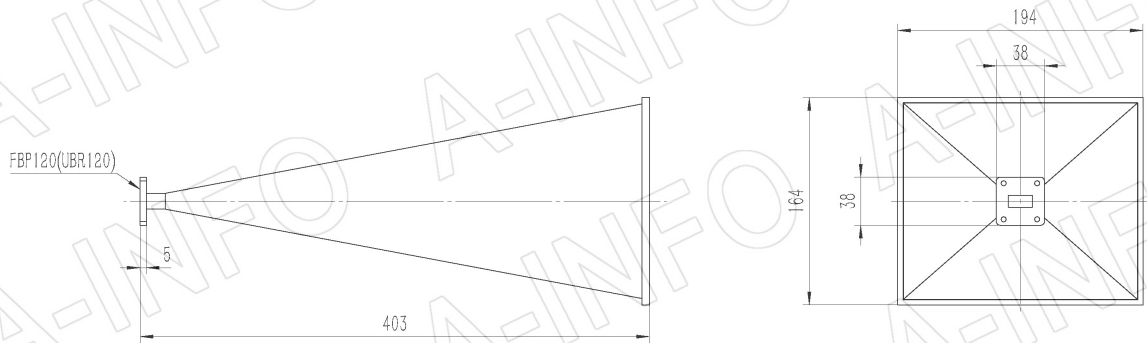


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-75-10-C-MBL)

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

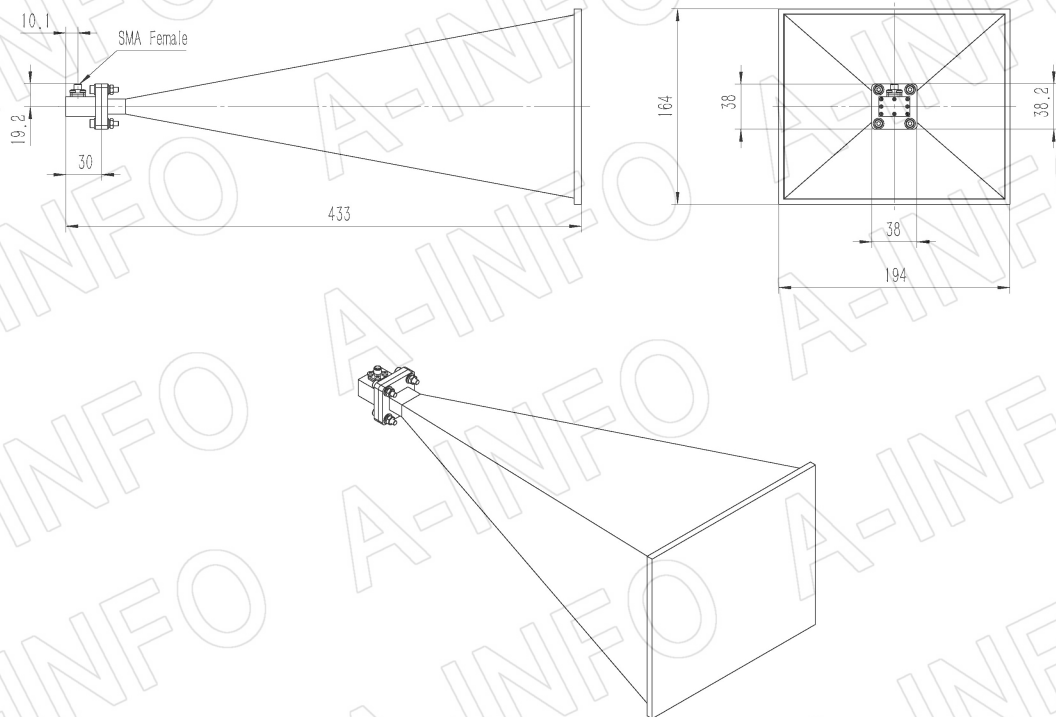


FBP120 Output with Radome (Option, P/N: LB-75-25-ASPO, Outdoor Application)



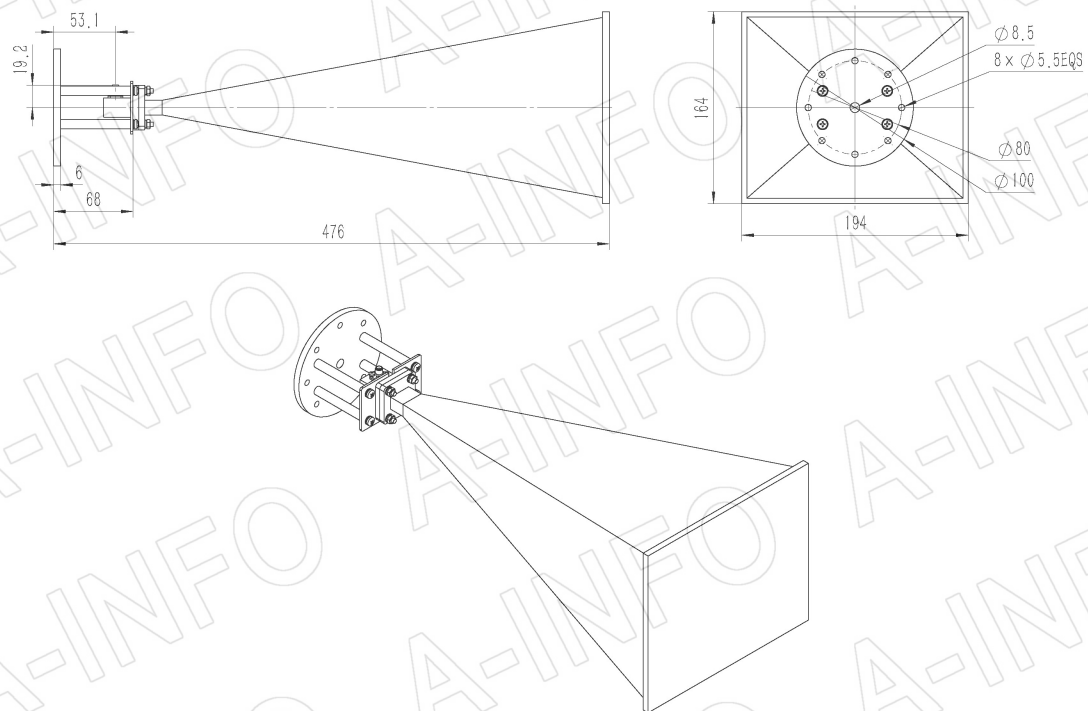
SMA-Female Output with Radome (Option, P/N: LB-75-25-C-SFSP0, Outdoor Application)

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



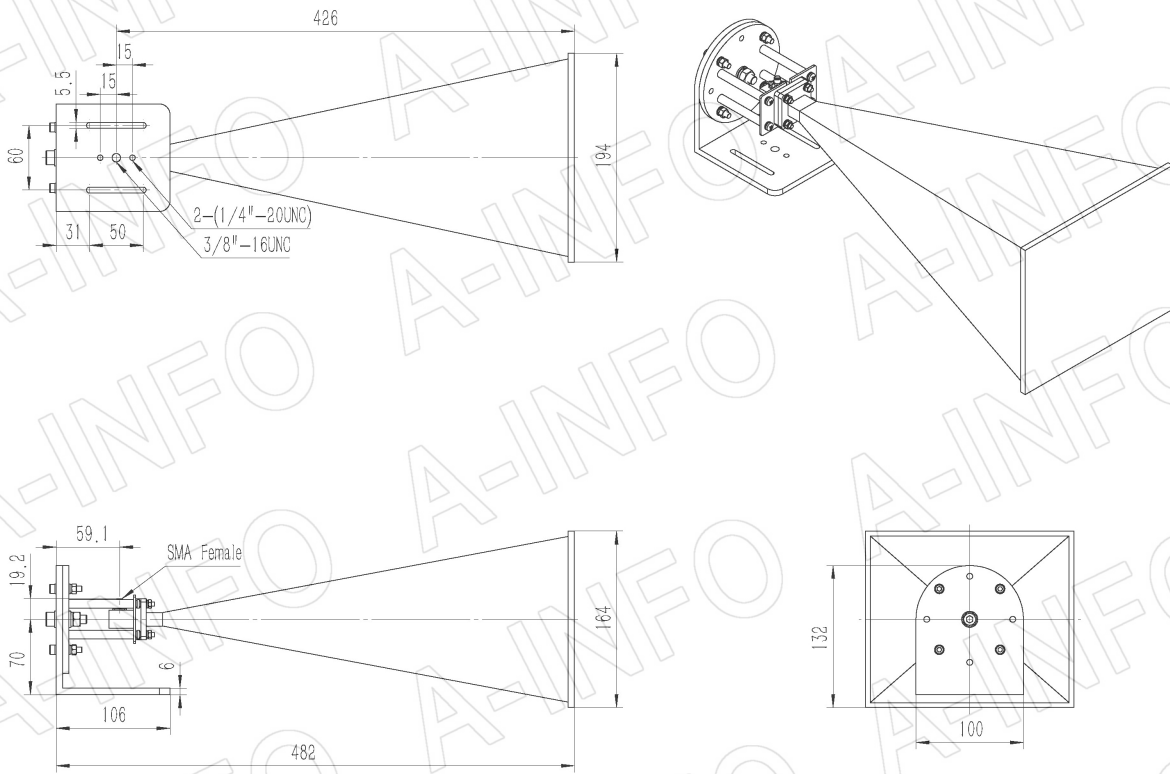
SMA-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-75-10-C-MB & LB-75-25-C-SFSP0, Outdoor Application)

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

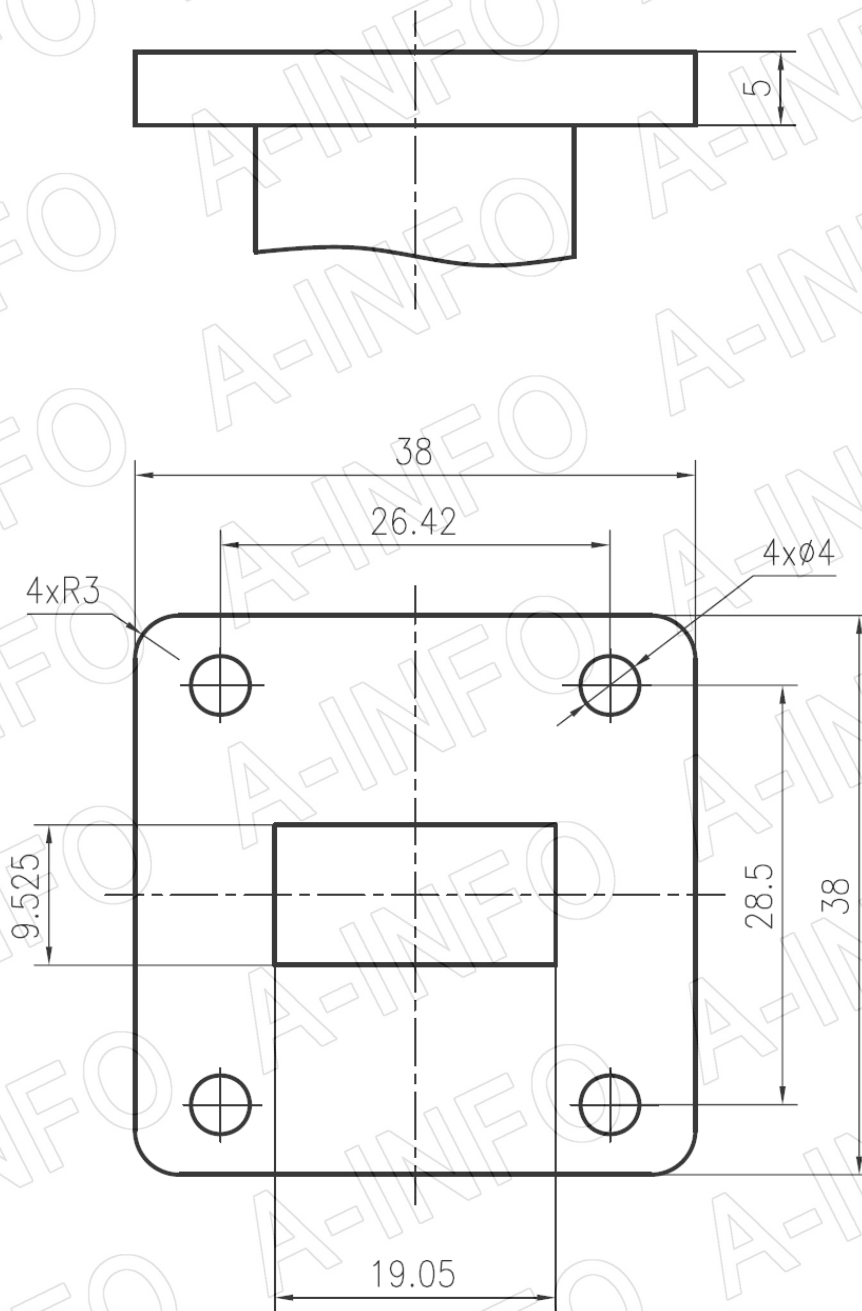


SMA-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-75-10-C-MBL & LB-75-25-C-SFSP0, Outdoor Application)

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



Flange Drawing (Size: mm)



FBP120

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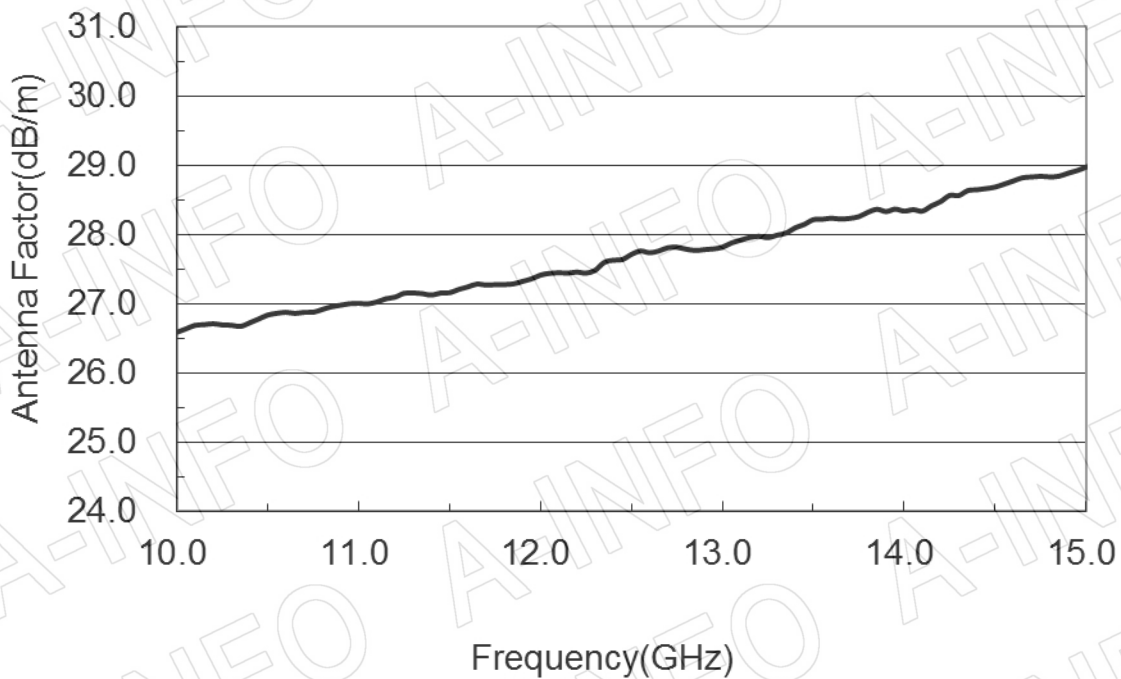
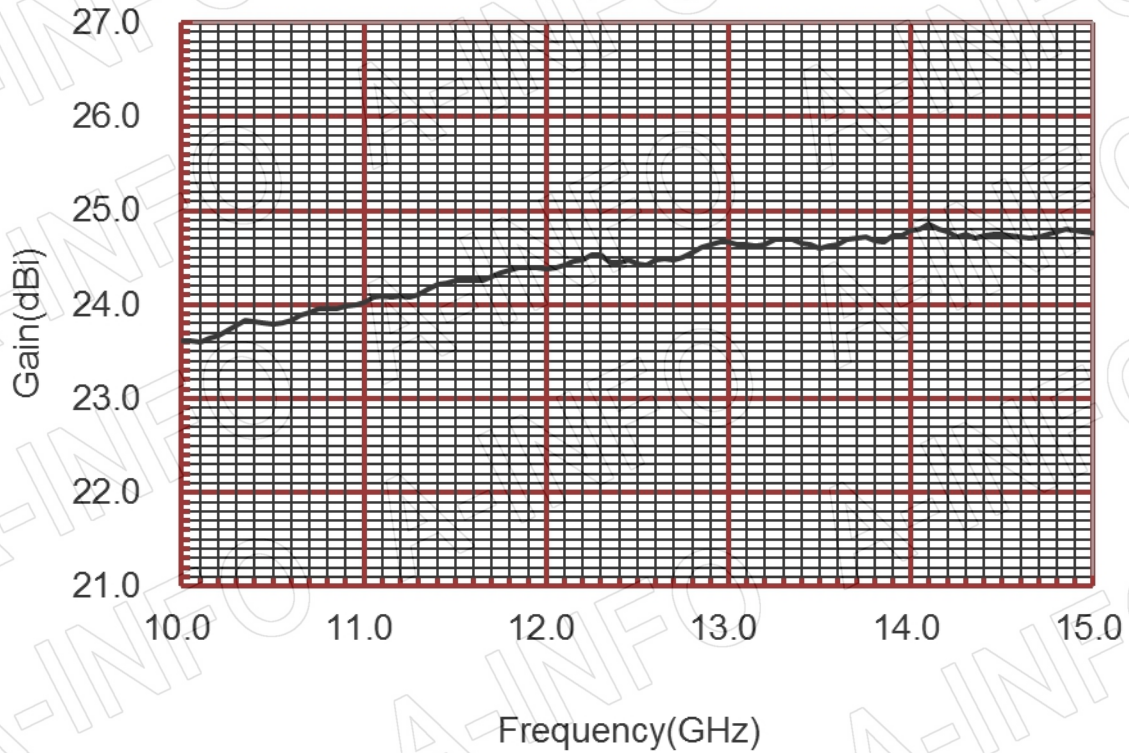
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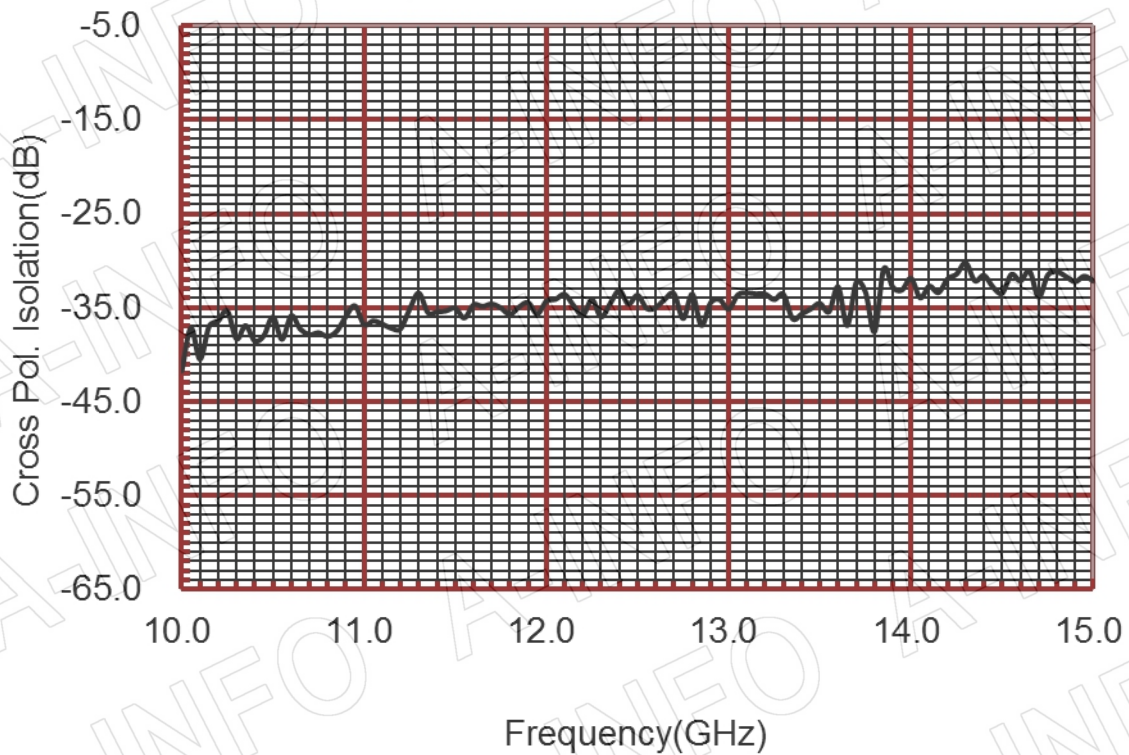
Test Results

1. Gain & Antenna Factor

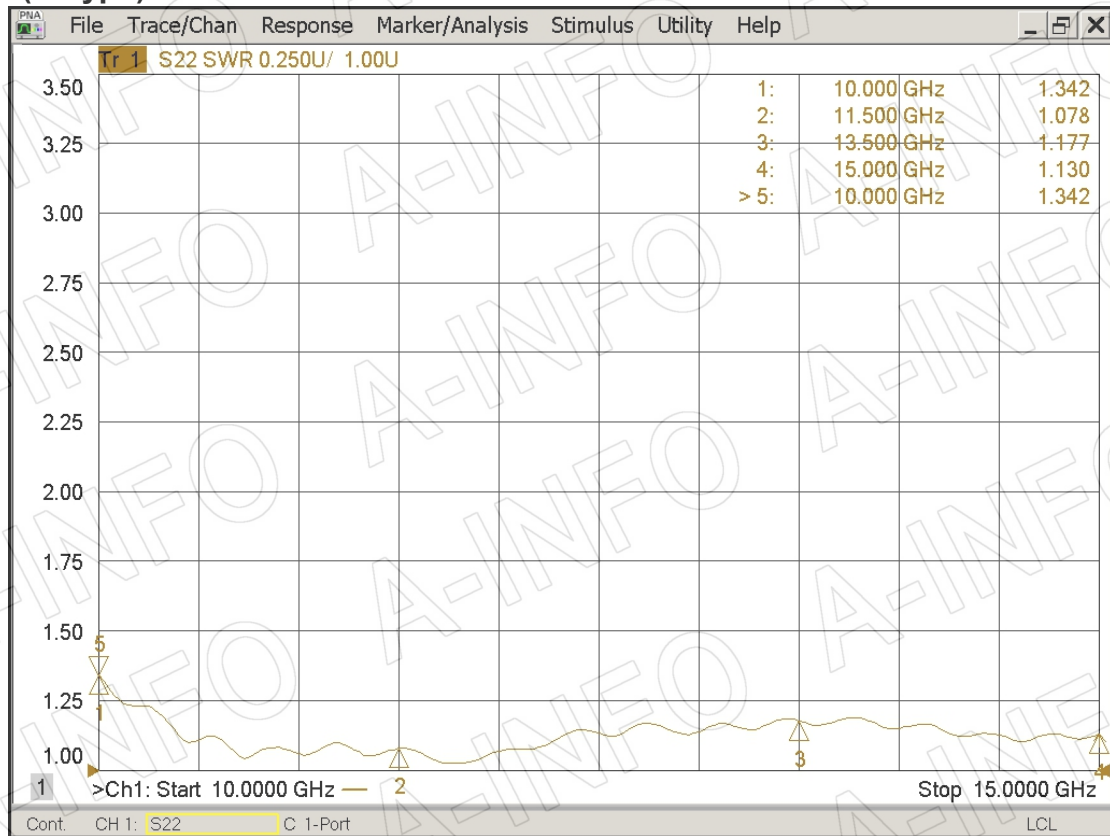


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
10.00	23.62	26.59
10.50	23.79	26.84
11.00	24.03	27.01
11.50	24.26	27.16
12.00	24.38	27.42
12.50	24.43	27.71
13.00	24.67	27.82
13.50	24.60	28.22
14.00	24.79	28.34
14.50	24.75	28.69
15.00	24.76	28.97

2. Cross Polarization Isolation



3. VSWR(C Type)



4. Pattern

