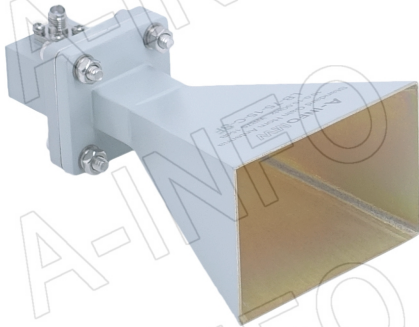


For reference only. See data sheet for the detailed specifications.

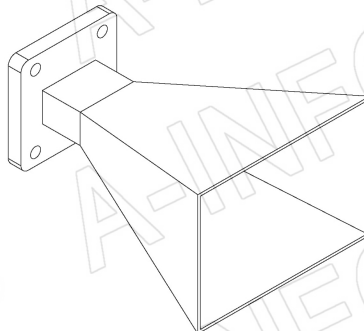
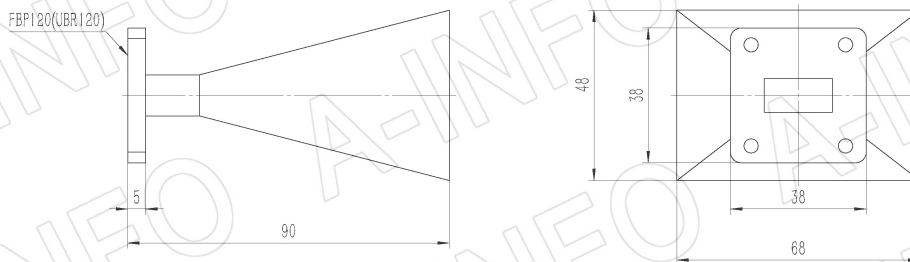
Technical Specification



Frequency Range(GHz)	10.0 – 15.0
Waveguide	WR75
Gain(dBi)	15 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 27 Typ.
	H Plane: 26 Typ.
Cross Pol. Isolation(dB)	45 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FBP120(UBR120) SMA-Female or N-Female
	C Type: or TNC-Female or 7mm 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 68 x 48 x 90
	C Type: 68 x 48 x 120
Net Weight(Kg)	A Type: 0.07 Around
	C Type: 0.12 Around

Outline Drawing (Size: mm)

FBP120 Output (P/N: LB-75-15-A)



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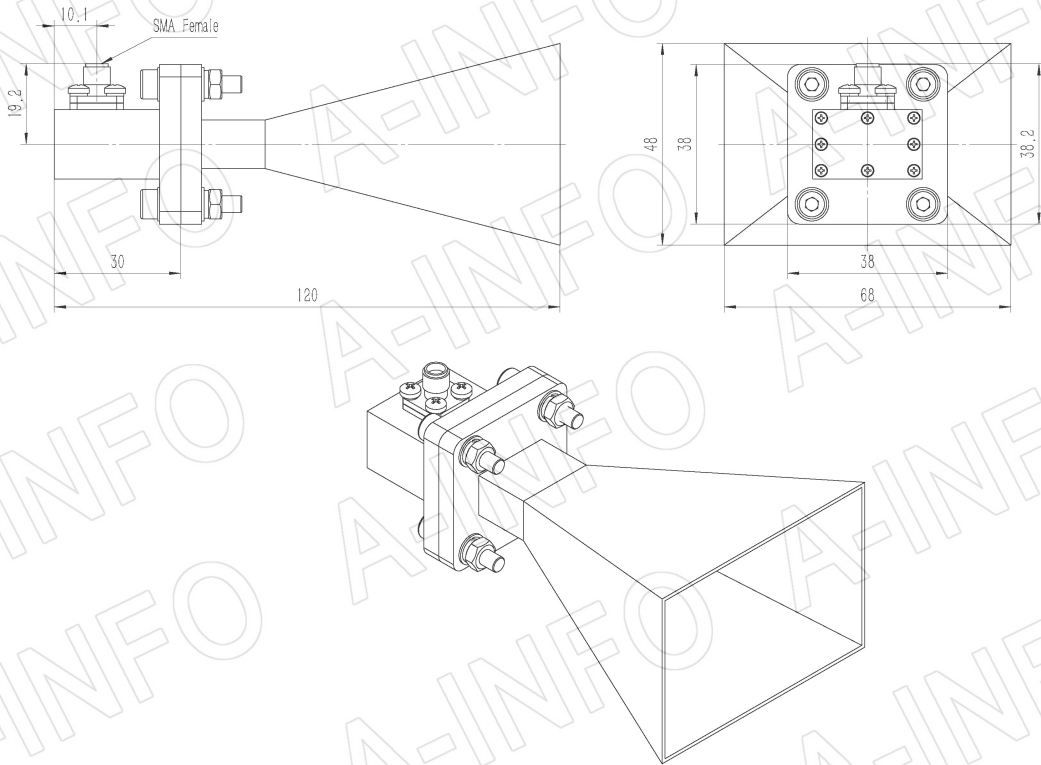
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

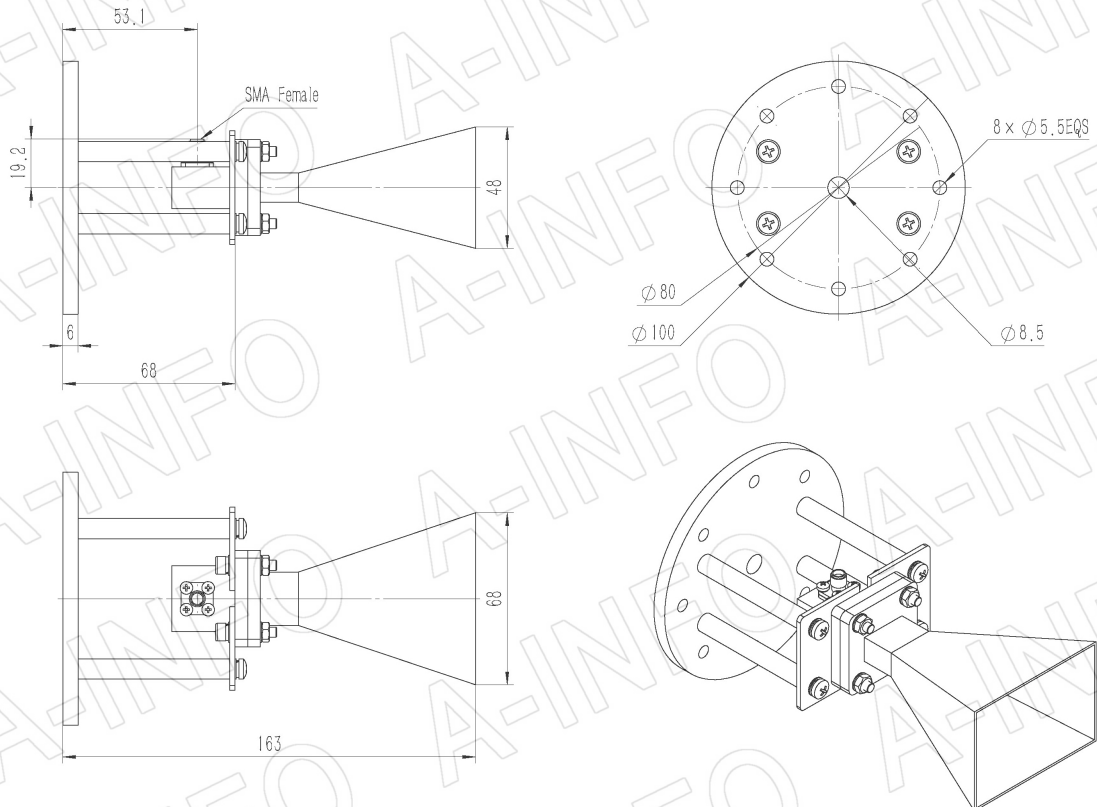
SMA-Female Output (P/N: LB-75-15-C-SF)

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



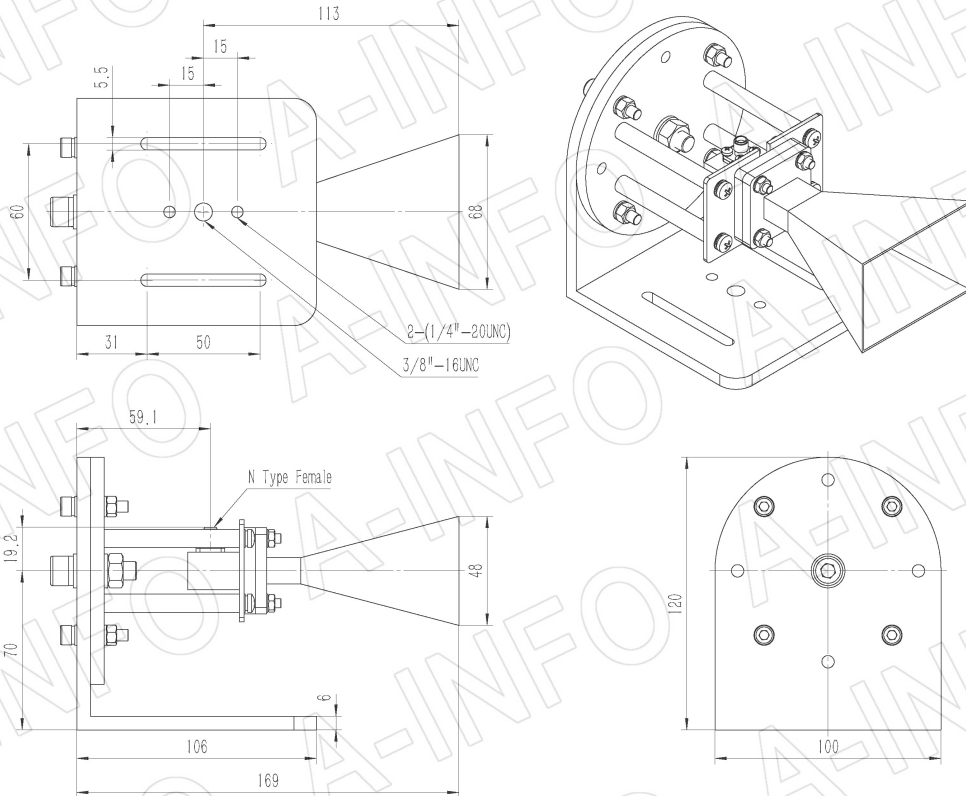
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-75-10-C-MB)

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

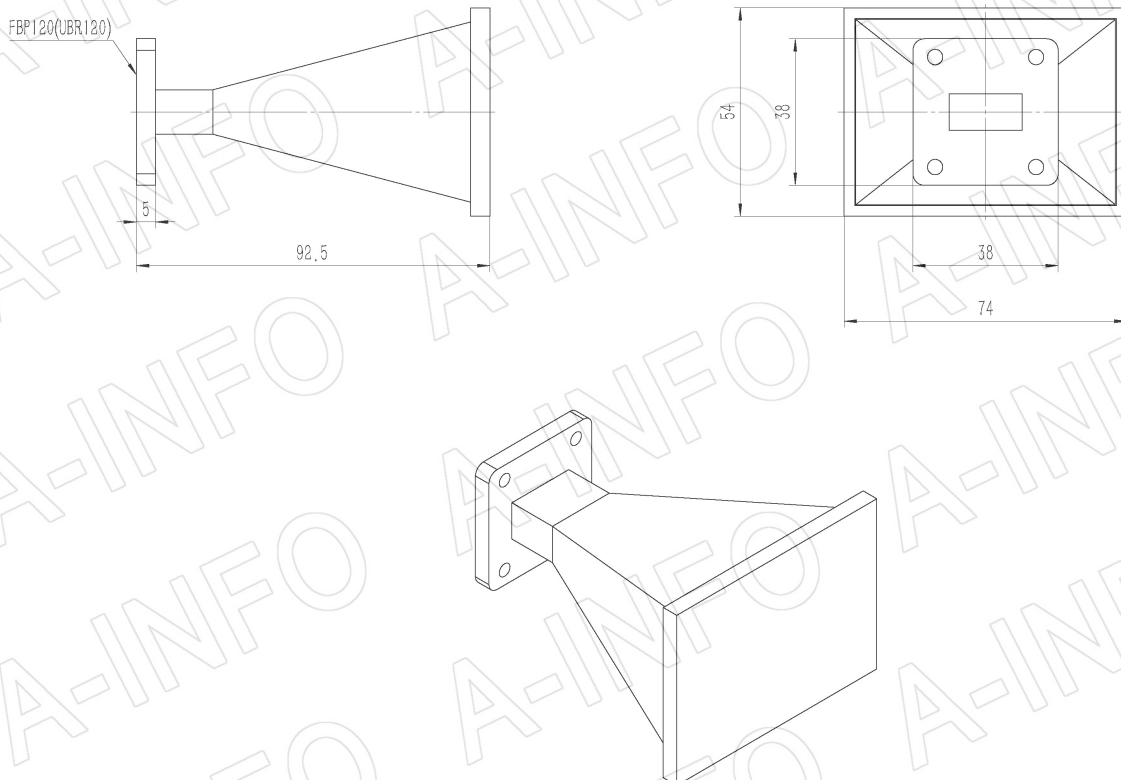


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-75-10-C-MBL)

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

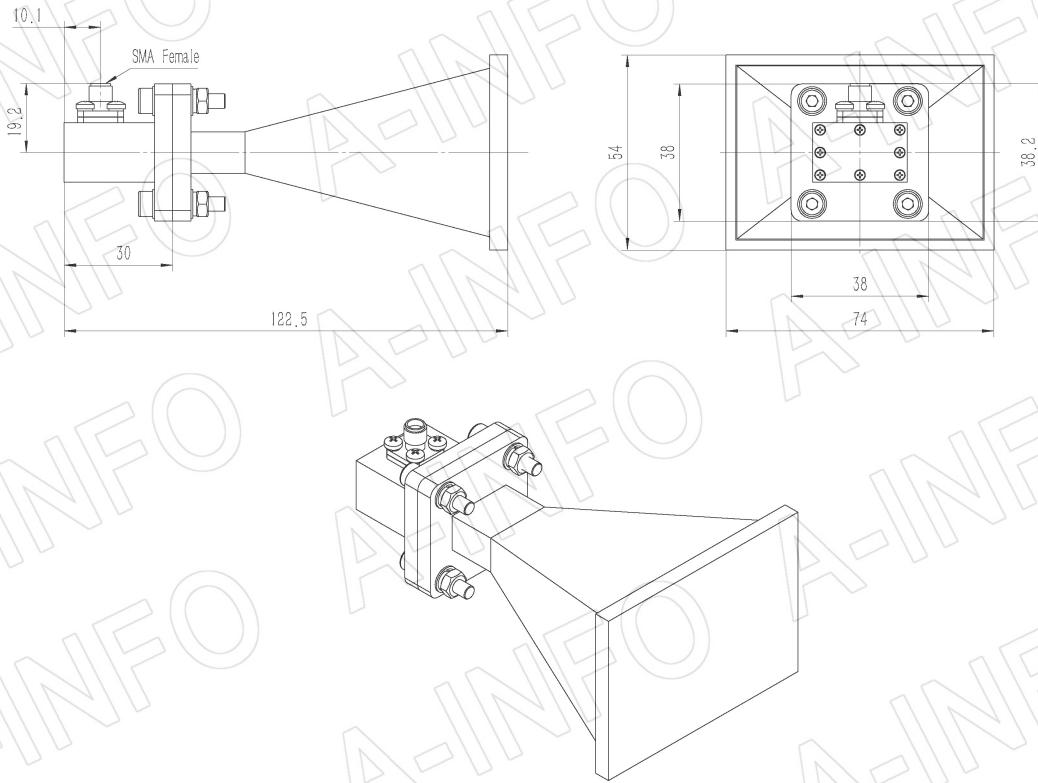


FBP120 Output with Radome (Option, P/N: LB-75-15-ASPO, Outdoor Application)



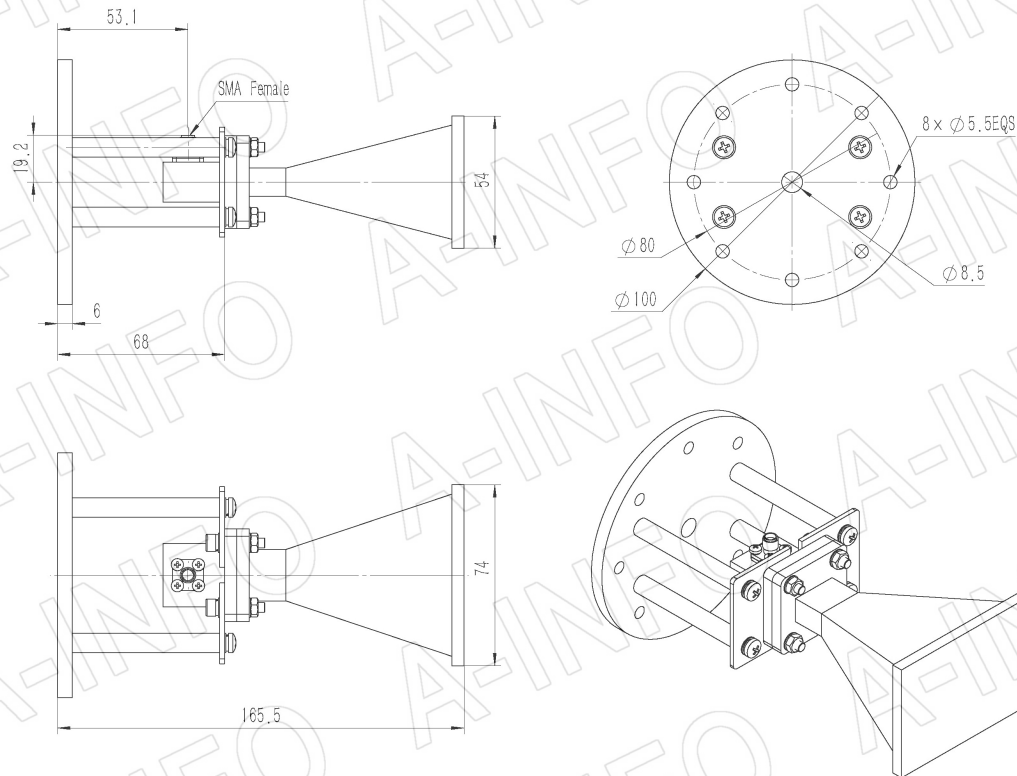
SMA-Female Output with Radome (Option, P/N: LB-75-15-C-SFSP0, Outdoor Application)

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



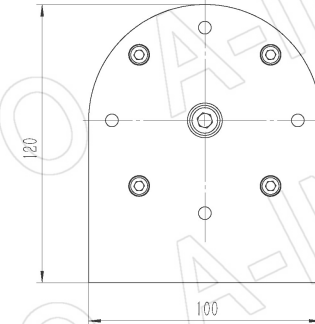
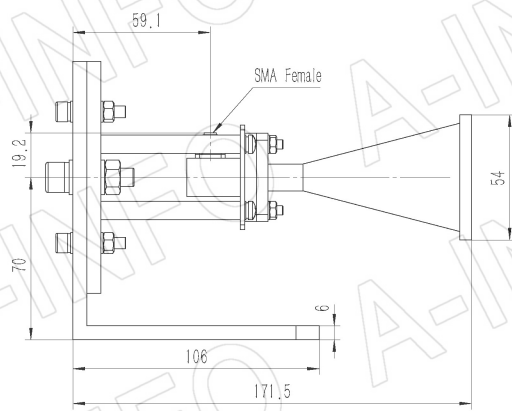
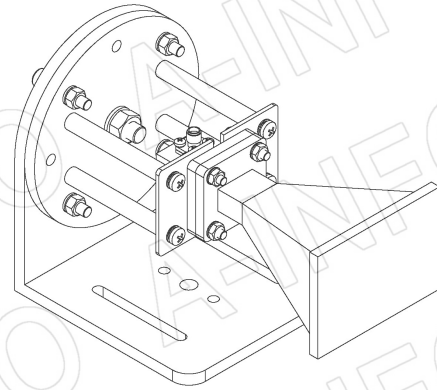
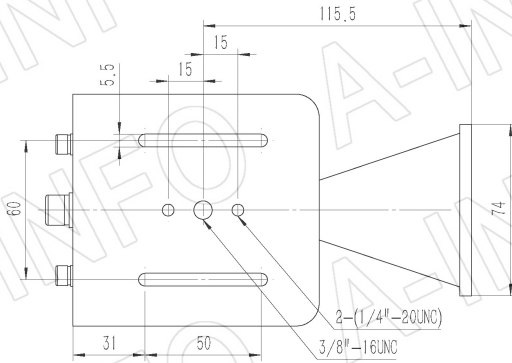
SMA-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-75-10-C-MB & LB-75-15-C-SFSP0, Outdoor Application)

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

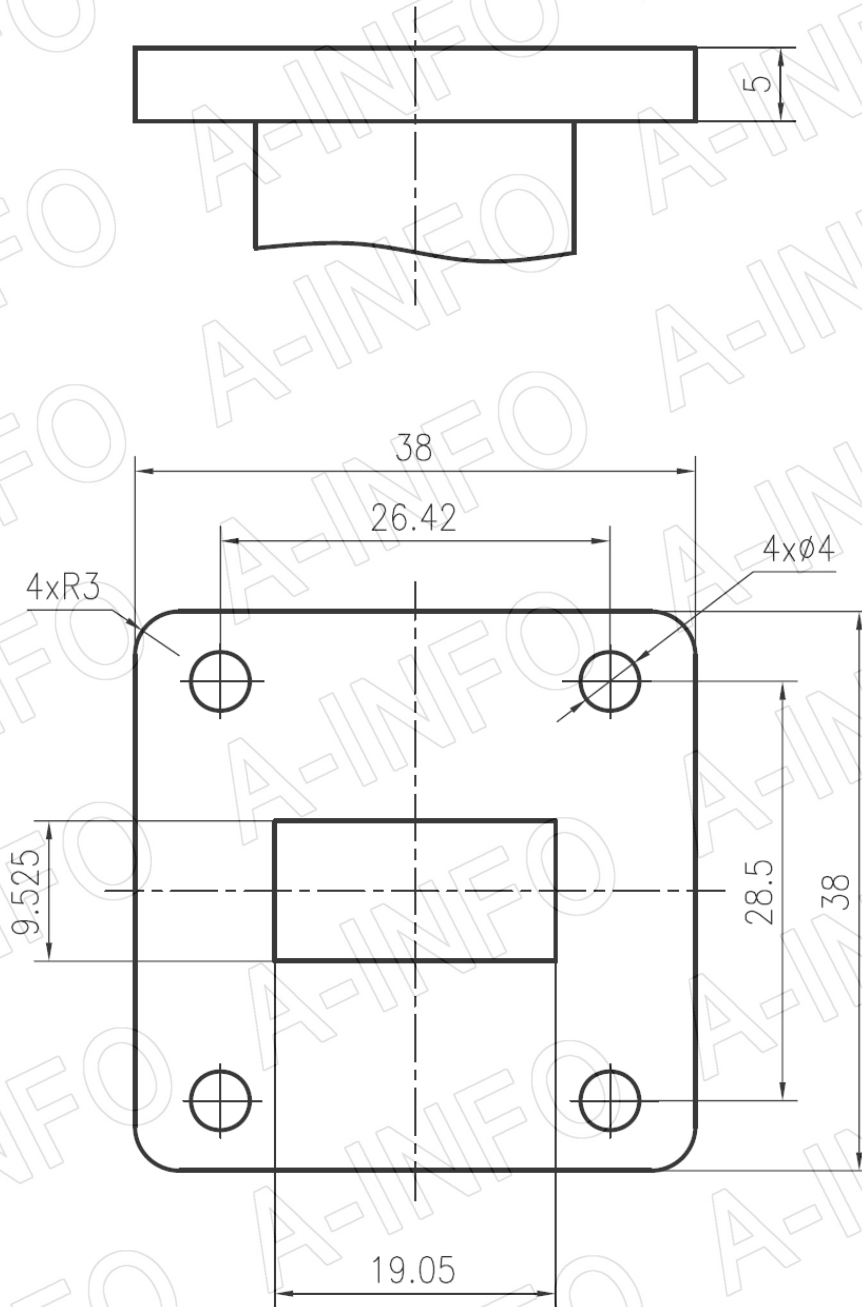


SMA-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-75-10-C-MBL & LB-75-15-C-SFSP0, Outdoor Application)

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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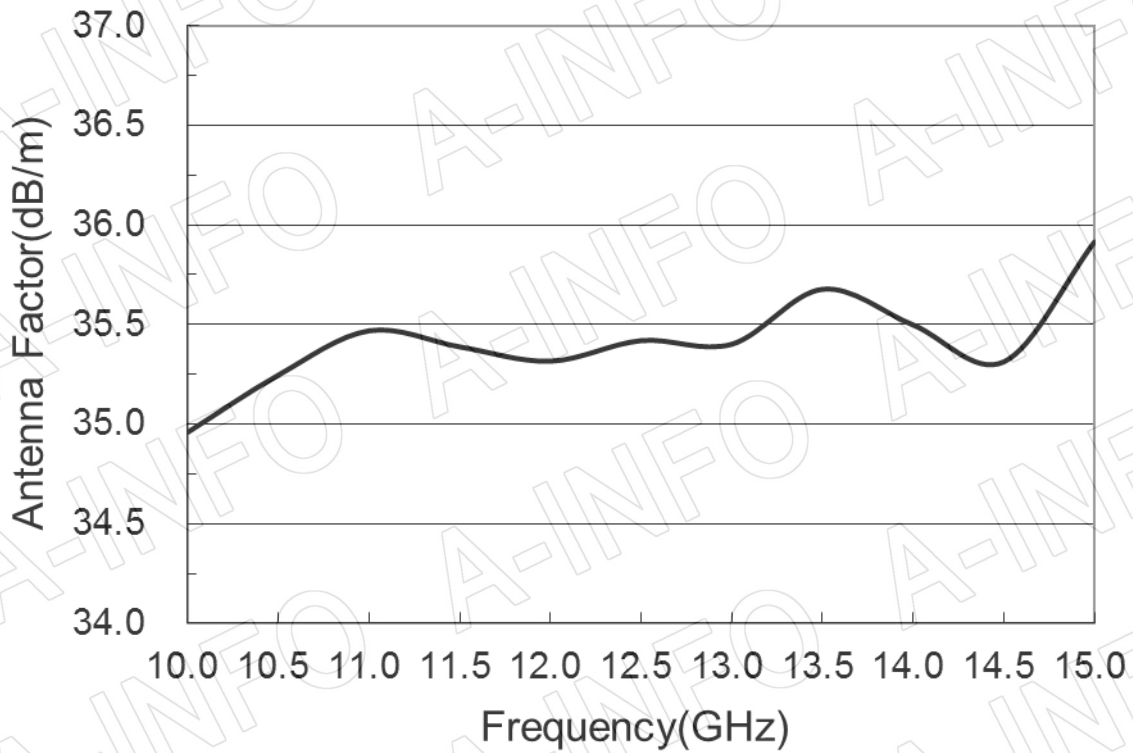
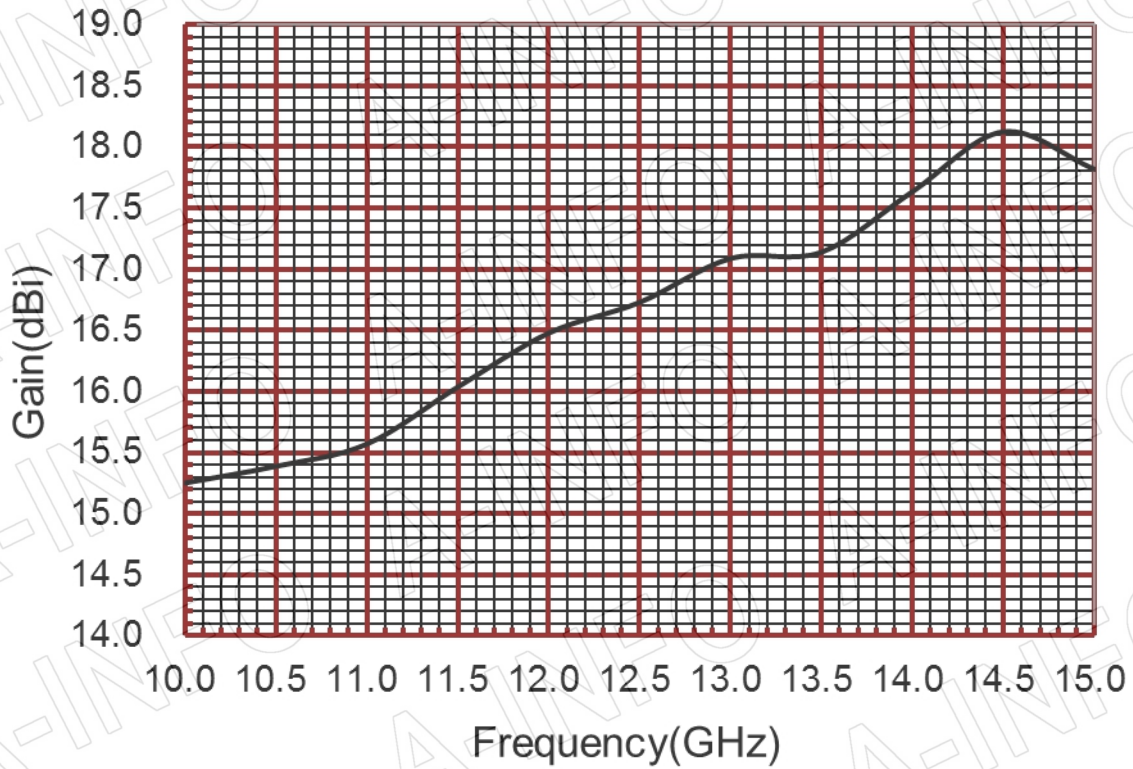
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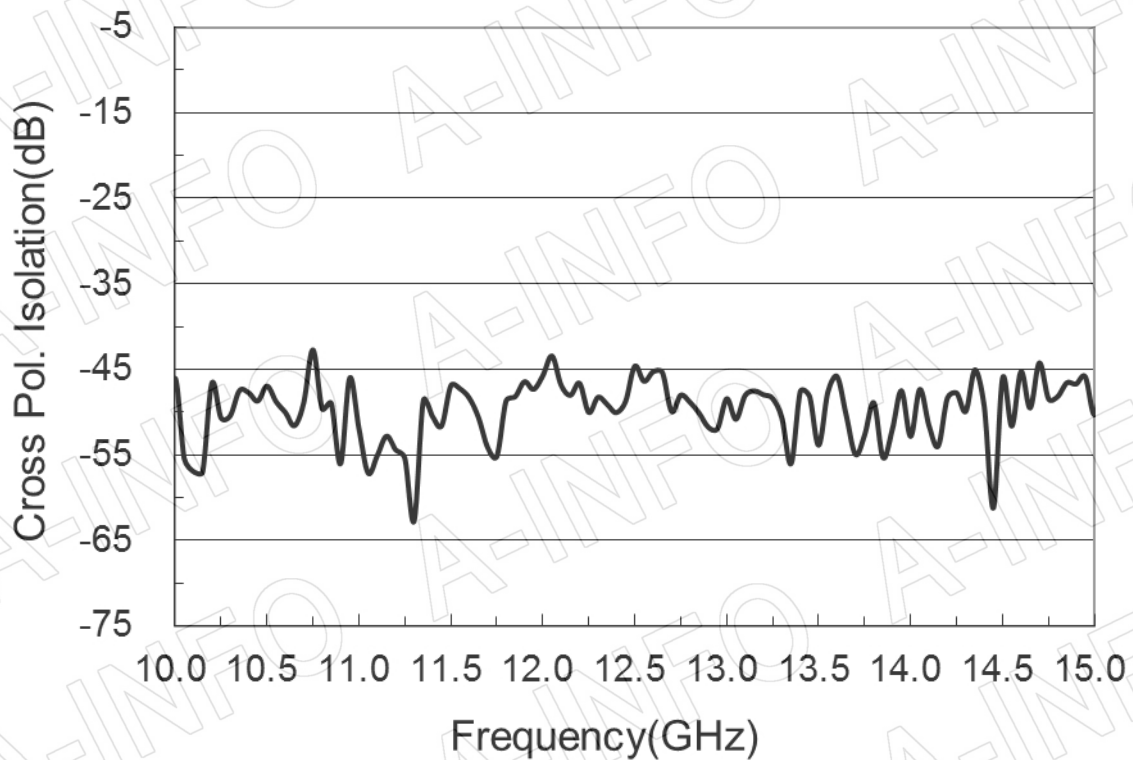
Test Results

1. Gain & Antenna Factor

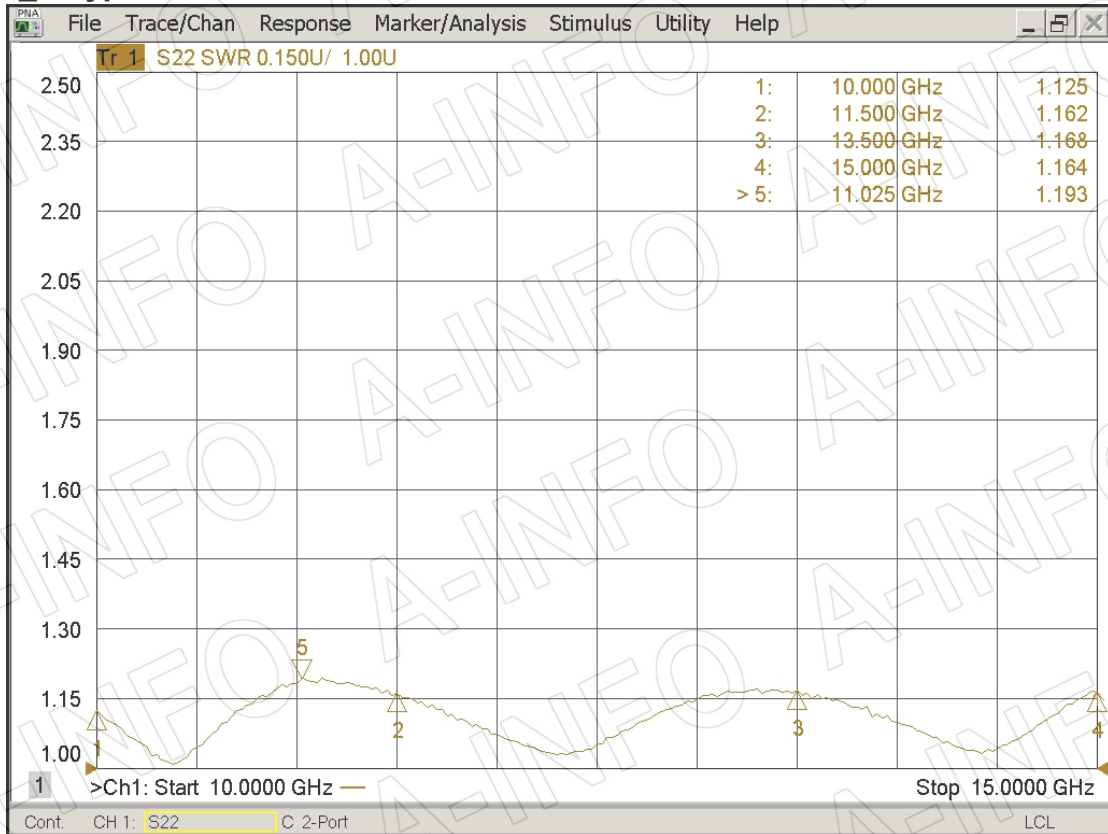


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
10.0	15.25	34.96
10.5	15.39	35.25
11.0	15.57	35.47
11.5	16.04	35.39
12.0	16.48	35.32
12.5	16.73	35.42
13.0	17.09	35.40
13.5	17.14	35.68
14.0	17.64	35.50
14.5	18.12	35.31
15.0	17.82	35.92

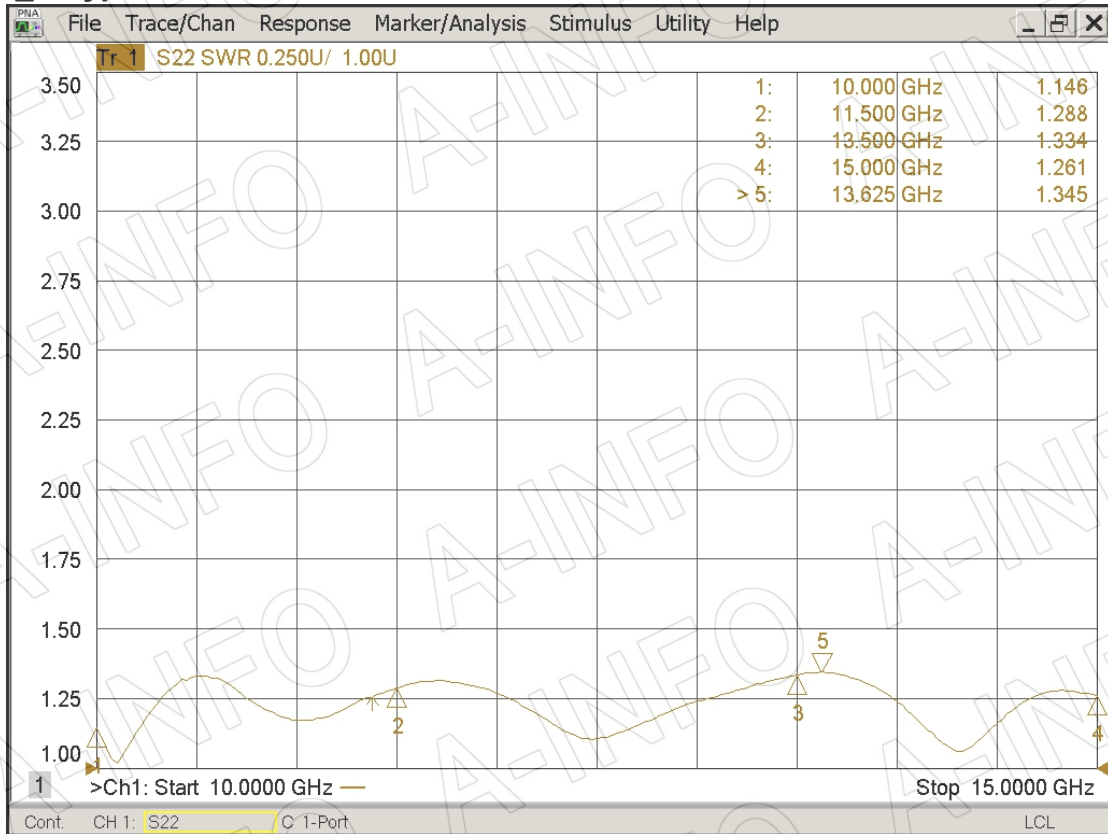
2. Cross Polarization Isolation



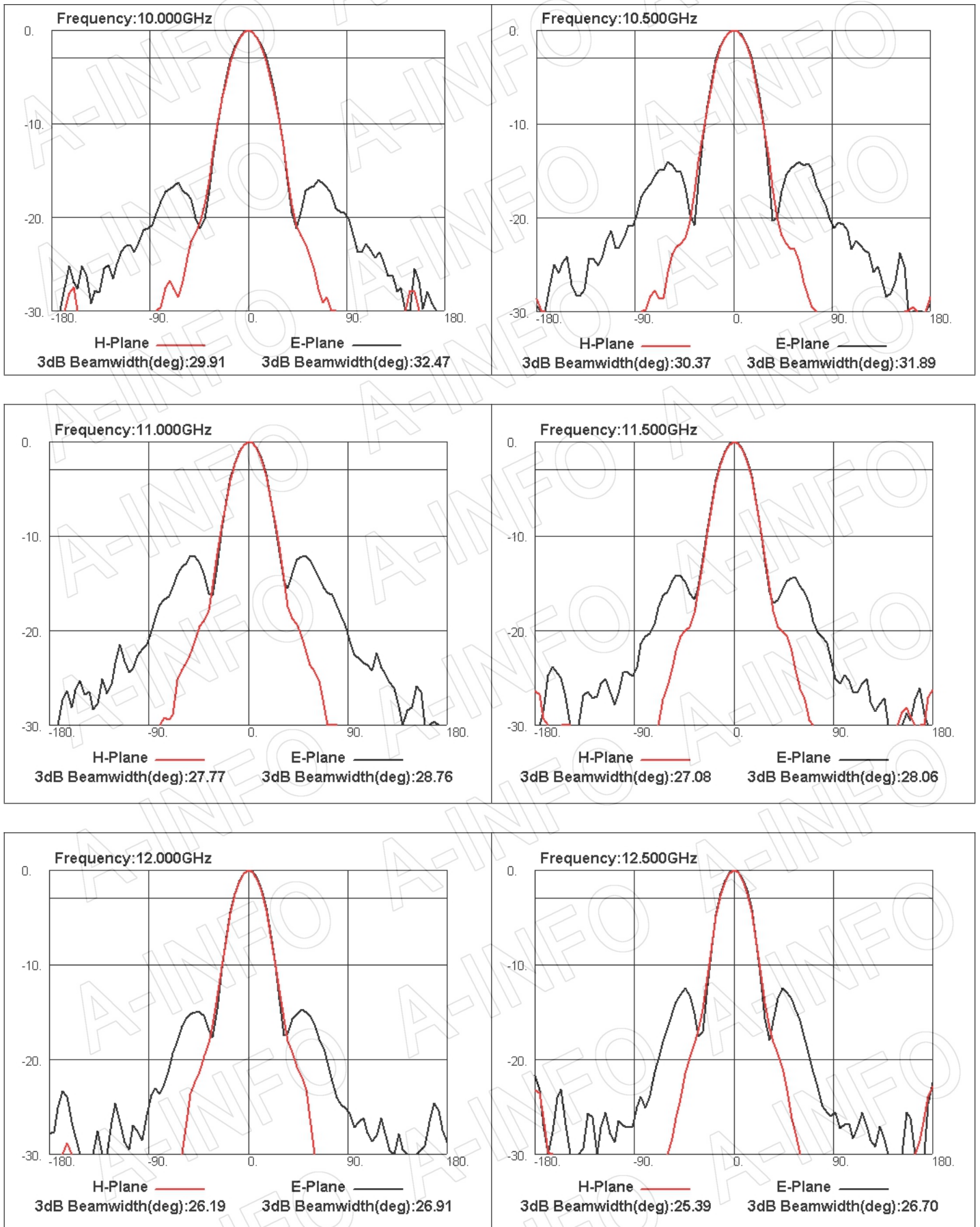
3. VSWR_A Type



VSWR_C Type



4. Pattern



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