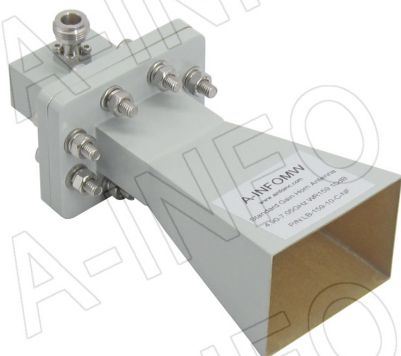


For reference only. See data sheet for the detailed specifications.

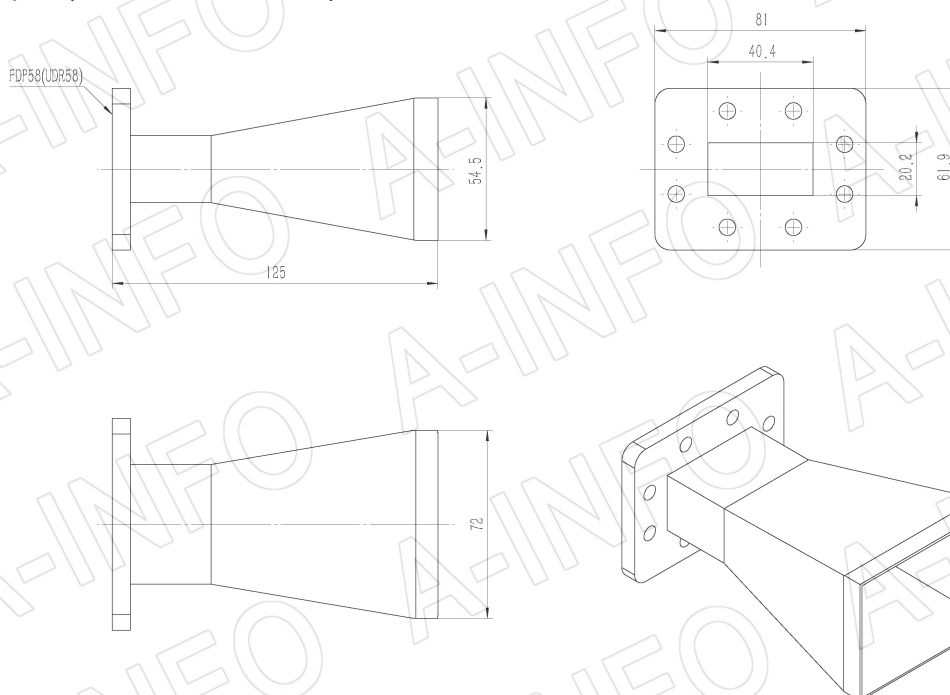
Technical Specification



Frequency Range(GHz)	4.90 – 7.05
Waveguide	WR159
Gain(dBi)	10 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 55 Typ.
	H Plane: 50 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FDP58(UDR58)
	N-Female or SMA-Female C Type: or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 81 x 61.9 x 125
	C Type: 81 x 65 x 175
Net Weight(Kg)	A Type: 0.20 Around
	C Type: 0.40 Around

Outline Drawing (Size: mm)

FDP58 Output (P/N: LB-159-10-A)



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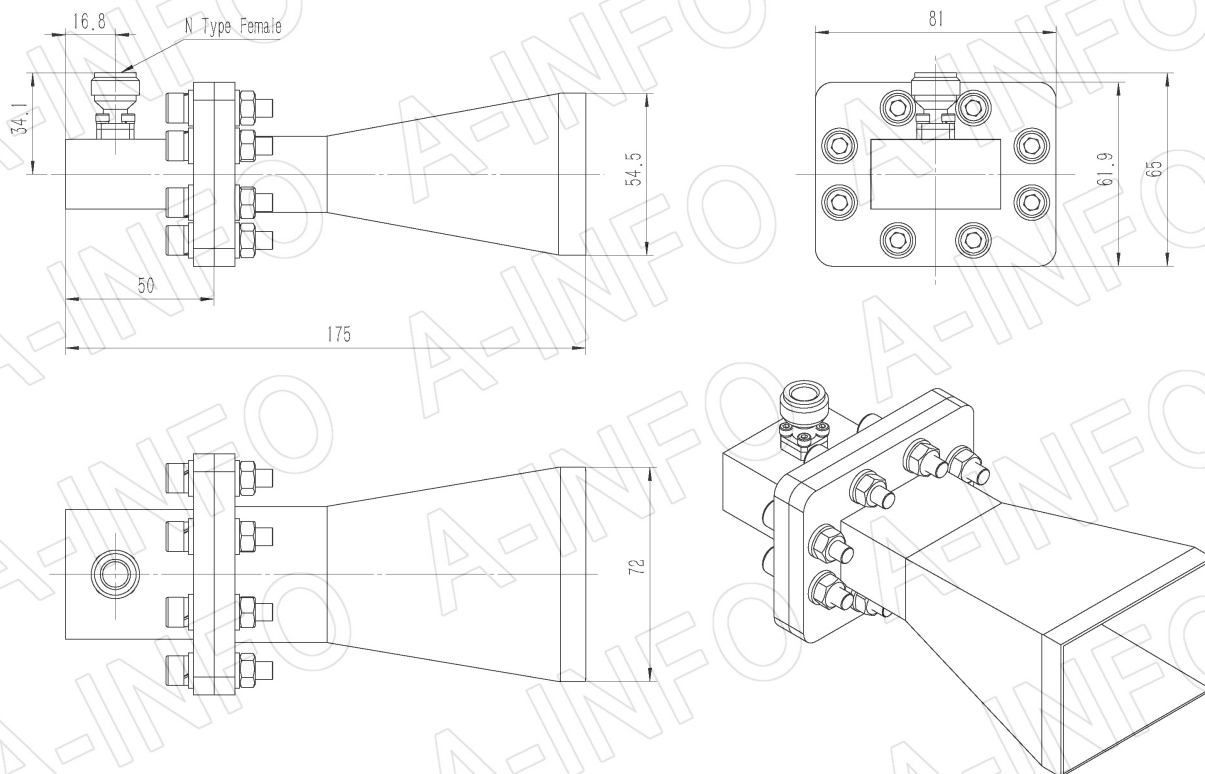
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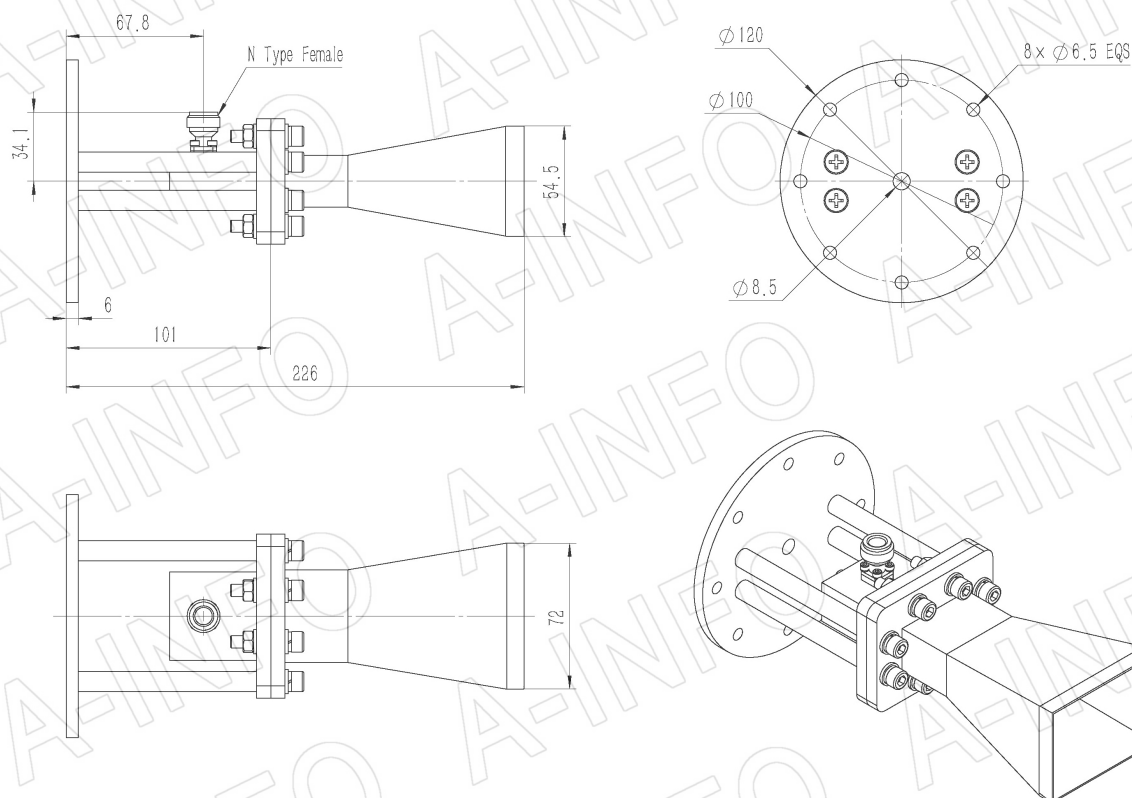
N-Female Output (P/N: LB-159-10-C-NF)

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



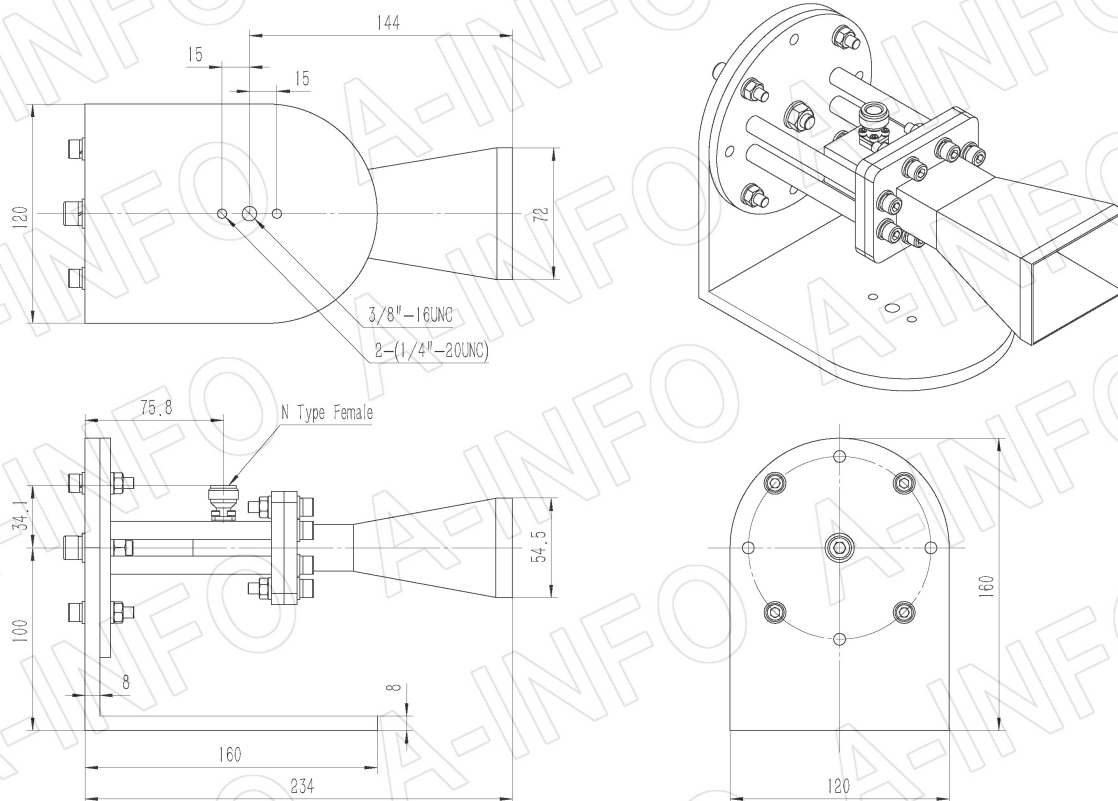
N-Female Output with Round Mounting Bracket (Option, P/N: LB-159-10-C-MB)

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

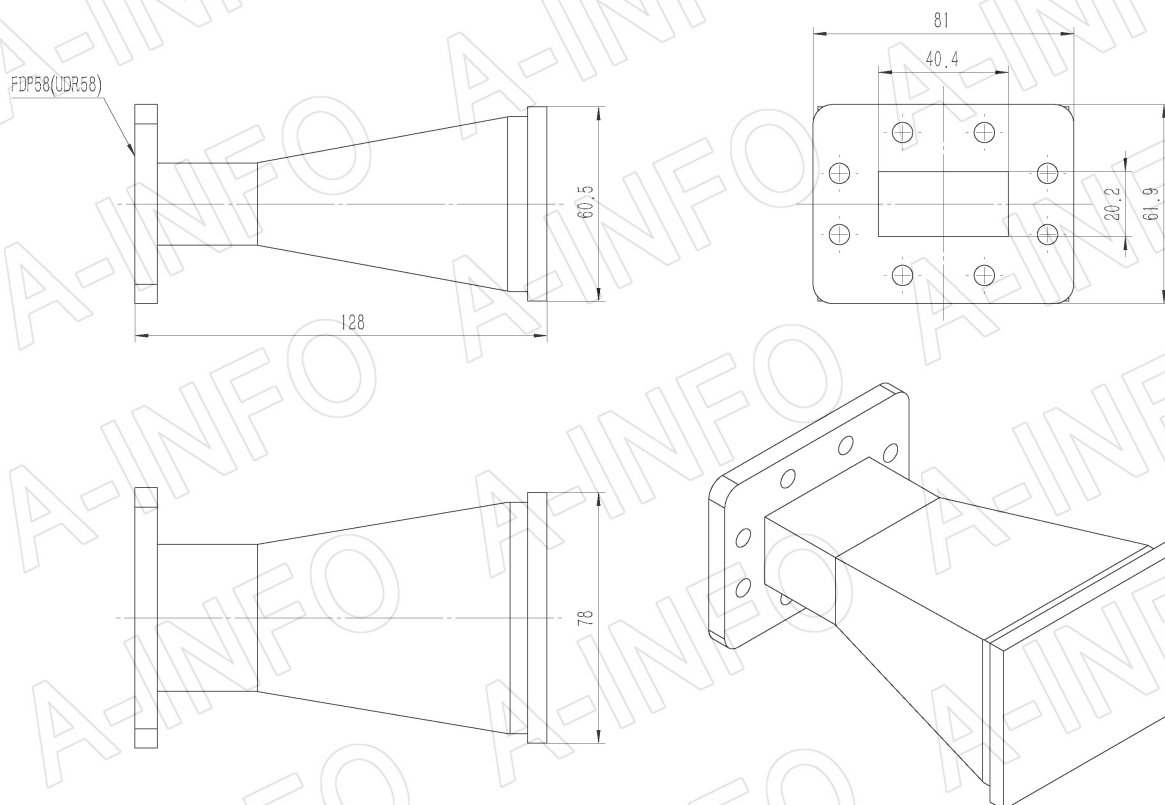


N-Female Output with L Type Mounting Bracket (Option, P/N:LB-159-10-C-MBL)

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

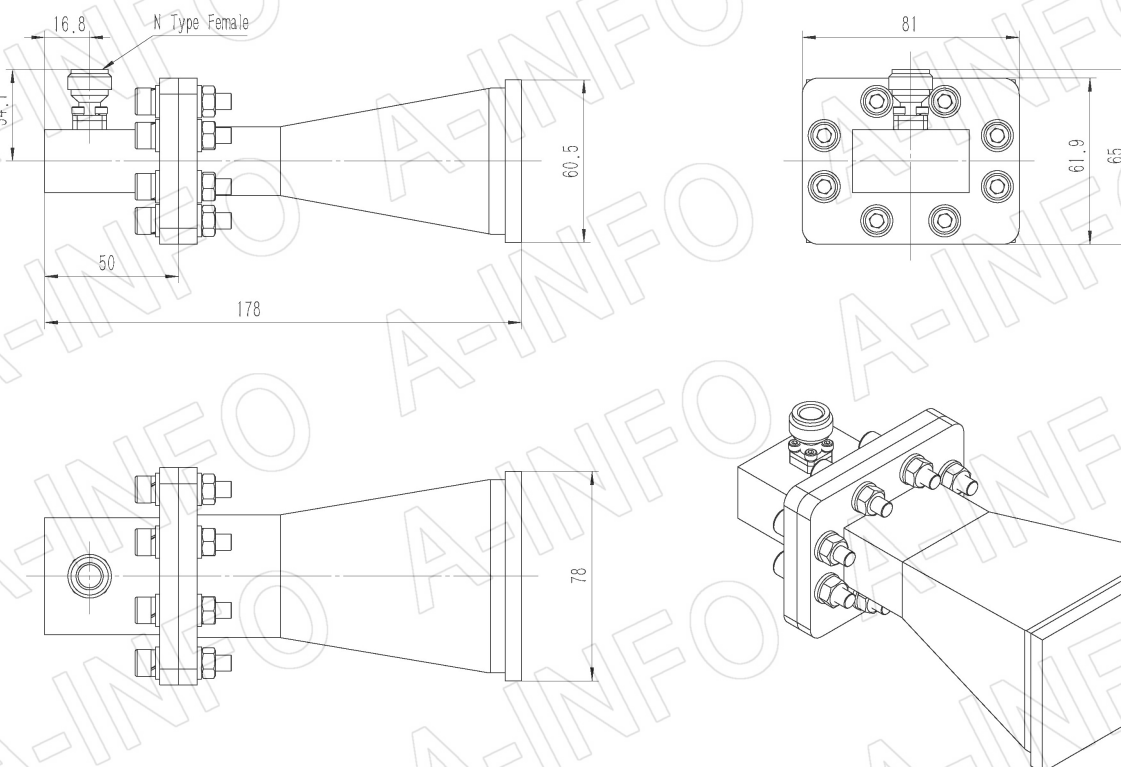


FDP58 Output with Radome (Option, P/N: LB-159-10-ASPO, Outdoor Application)



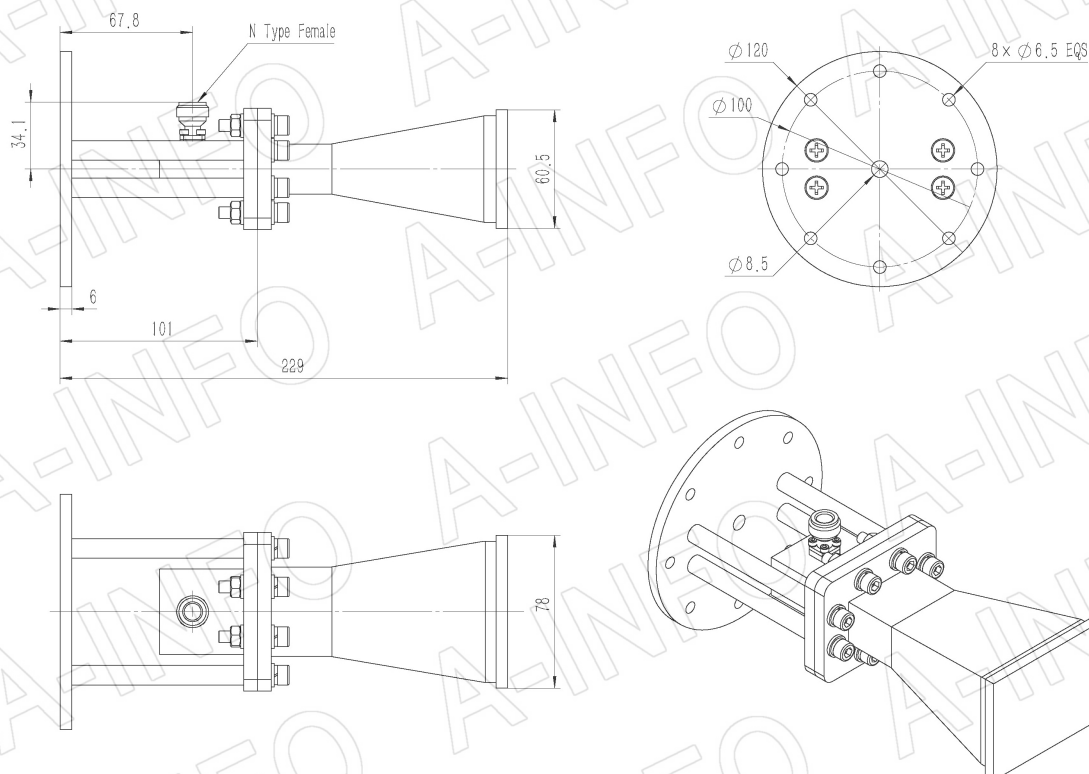
N-Female Output with Radome (Option, P/N: LB-159-10-C-NFSPO, Outdoor Application)

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



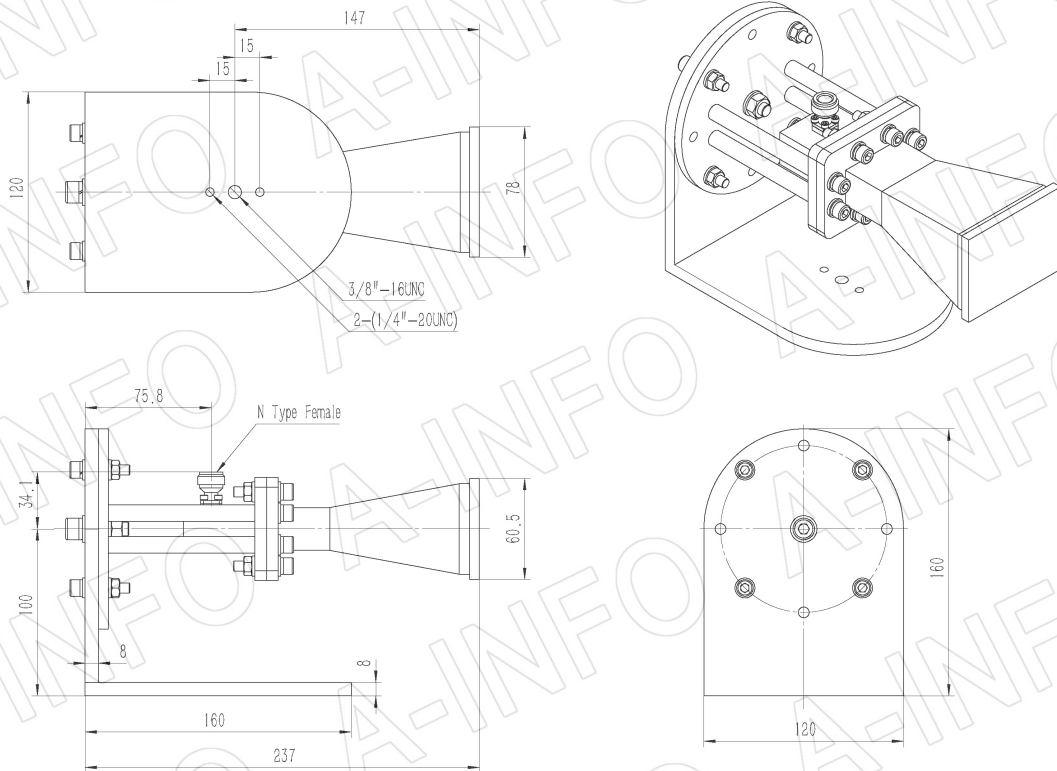
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-159-10-C-MB & LB-159-10-C-NFSPO, Outdoor Application)

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

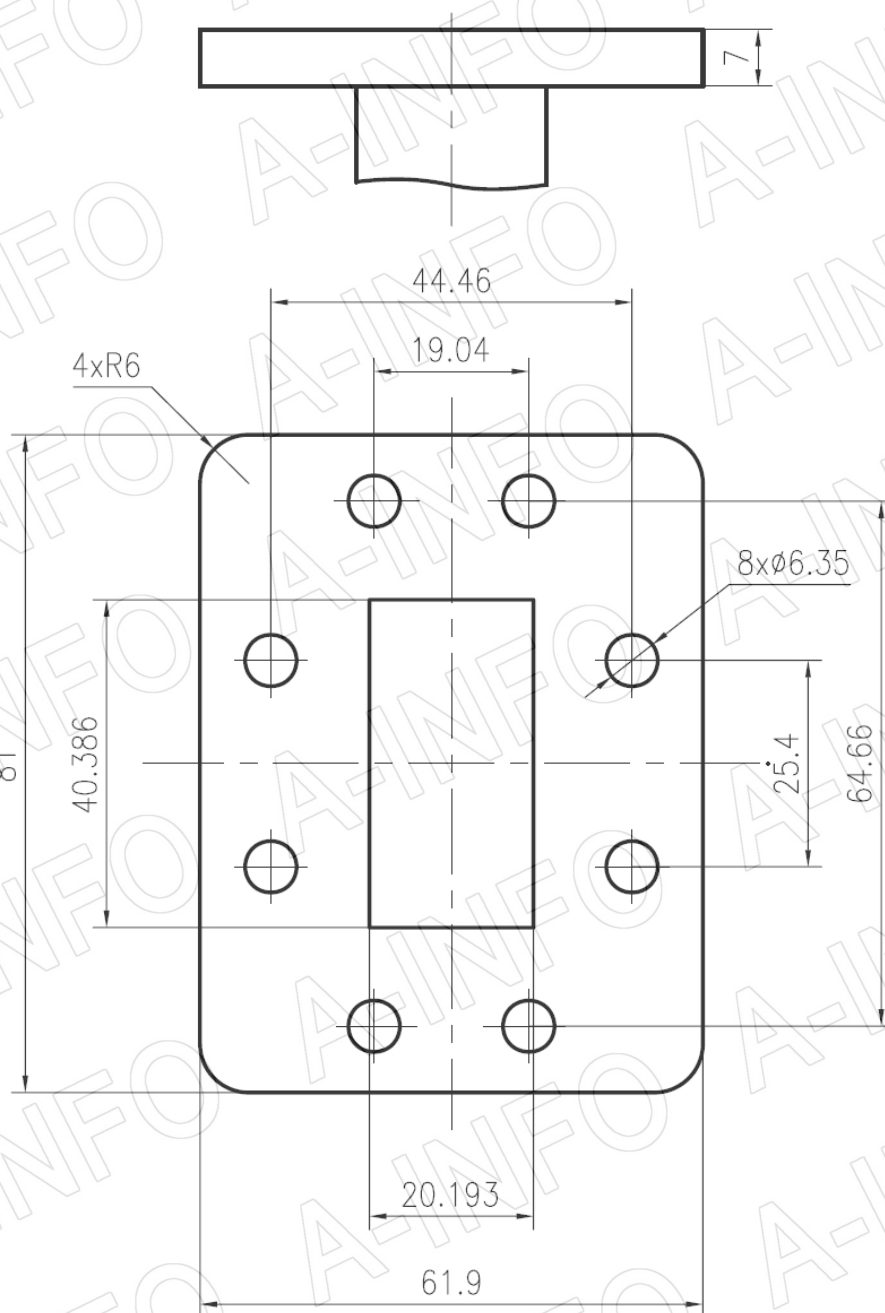


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-159-10-C-MBL & LB-159-10-C-NFSP0, Outdoor Application)

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



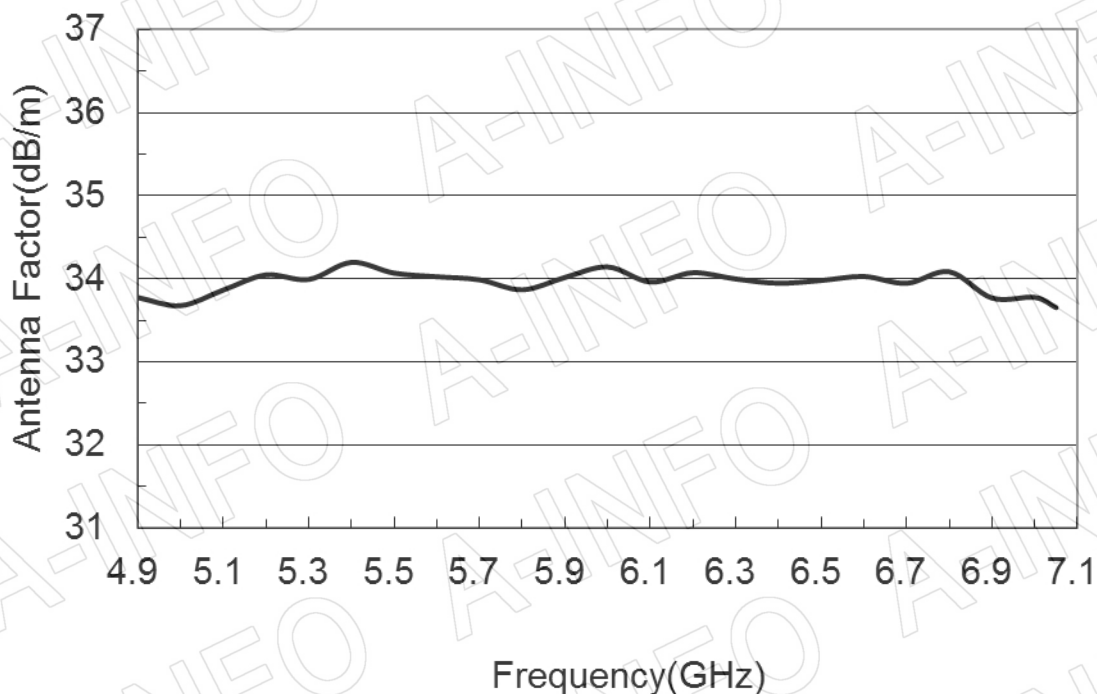
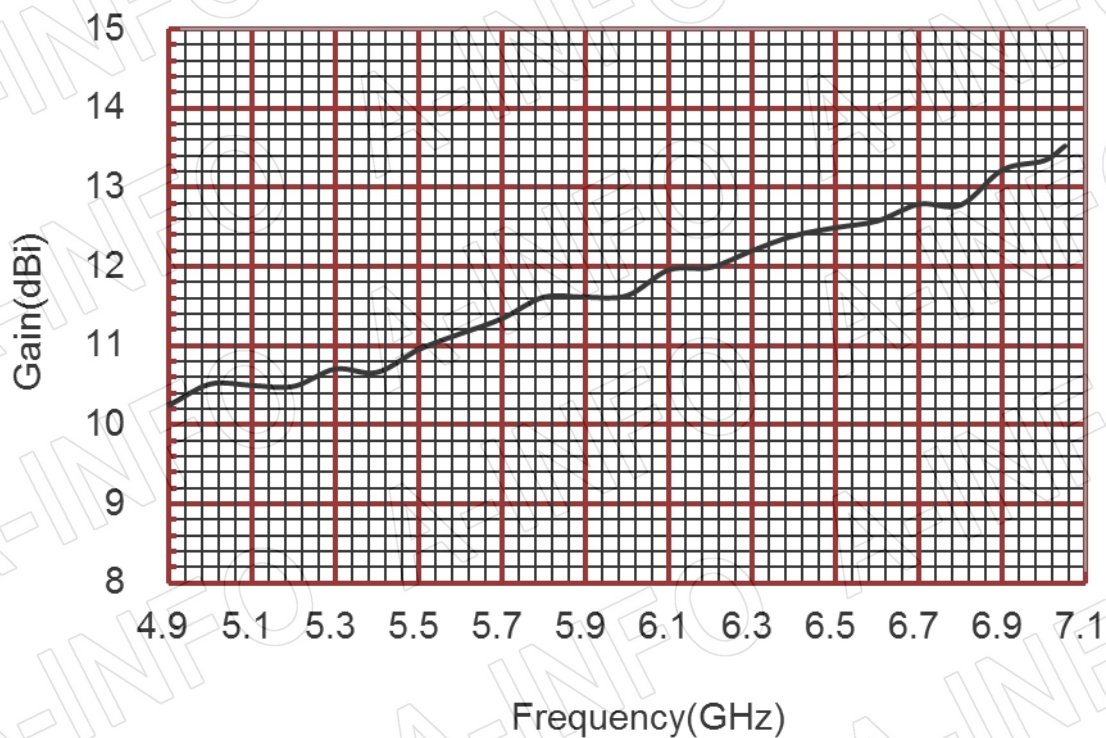
Flange Drawing (Size: mm)



FDP58

Test Results

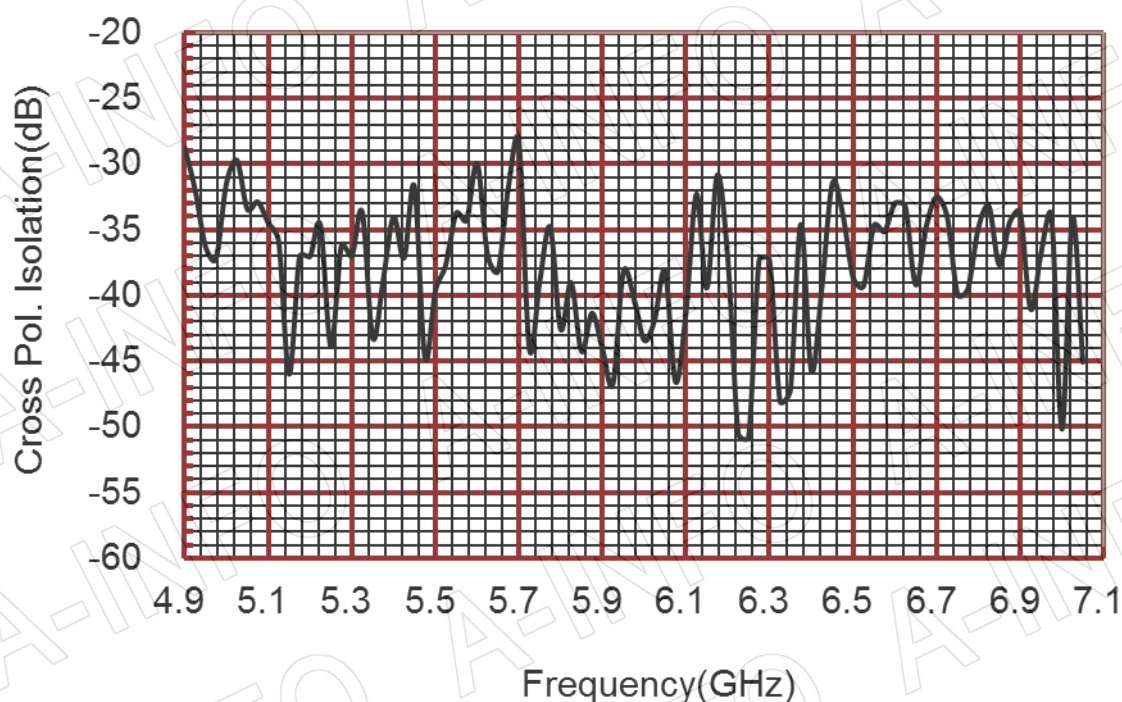
1. Gain & Antenna Factor



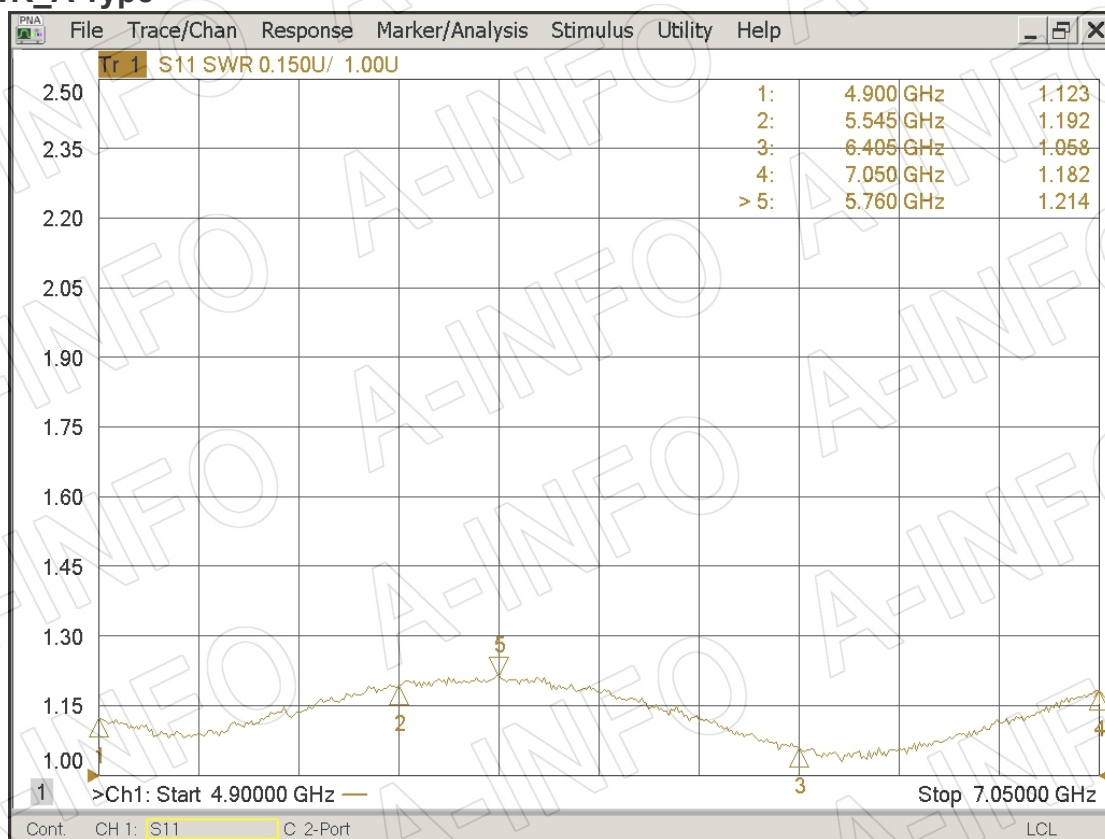
Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
4.90	10.24	33.77
5.00	10.51	33.68
5.10	10.50	33.87
5.20	10.48	34.05
5.30	10.70	33.99
5.40	10.66	34.20
5.50	10.95	34.07
5.60	11.15	34.02
5.70	11.34	33.99
5.80	11.61	33.87
5.90	11.61	34.02
6.00	11.63	34.14

Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
6.10	11.96	33.96
6.20	11.99	34.07
6.30	12.20	34.00
6.40	12.39	33.95
6.50	12.49	33.98
6.60	12.57	34.03
6.70	12.79	33.95
6.80	12.78	34.09
6.90	13.22	33.77
7.00	13.34	33.78
7.05	13.52	33.65

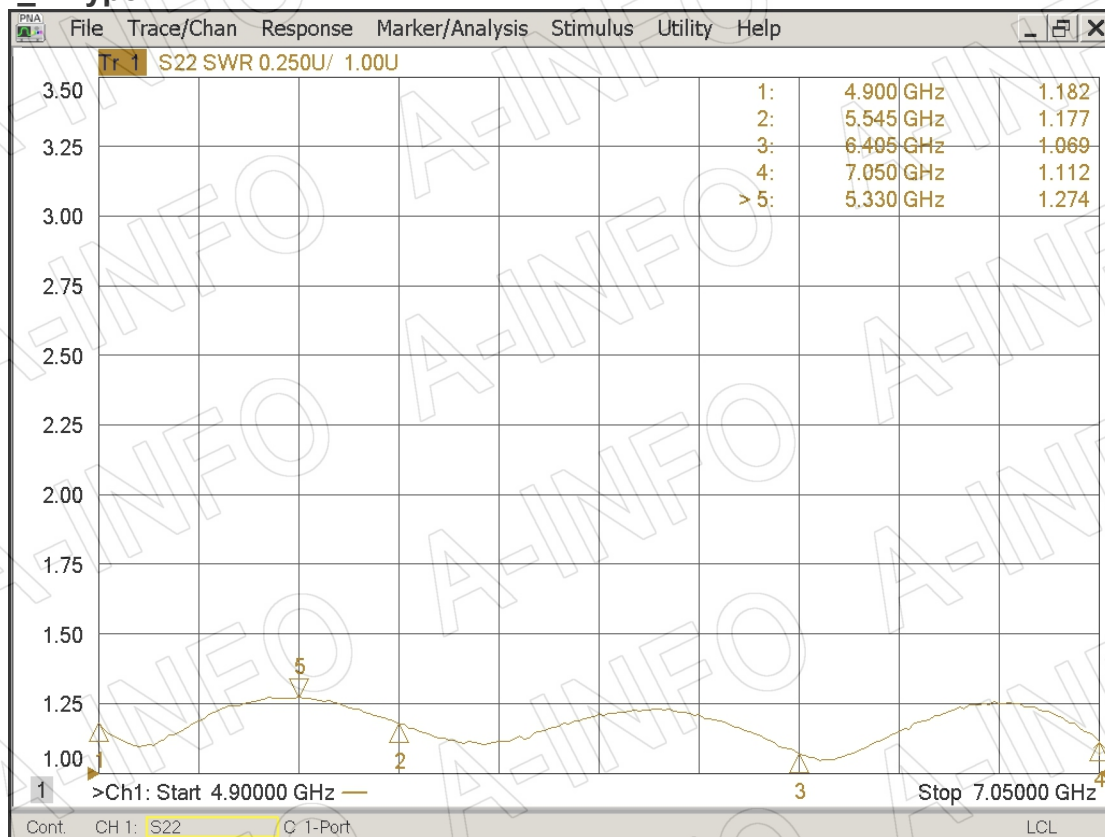
2. Cross Polarization Isolation



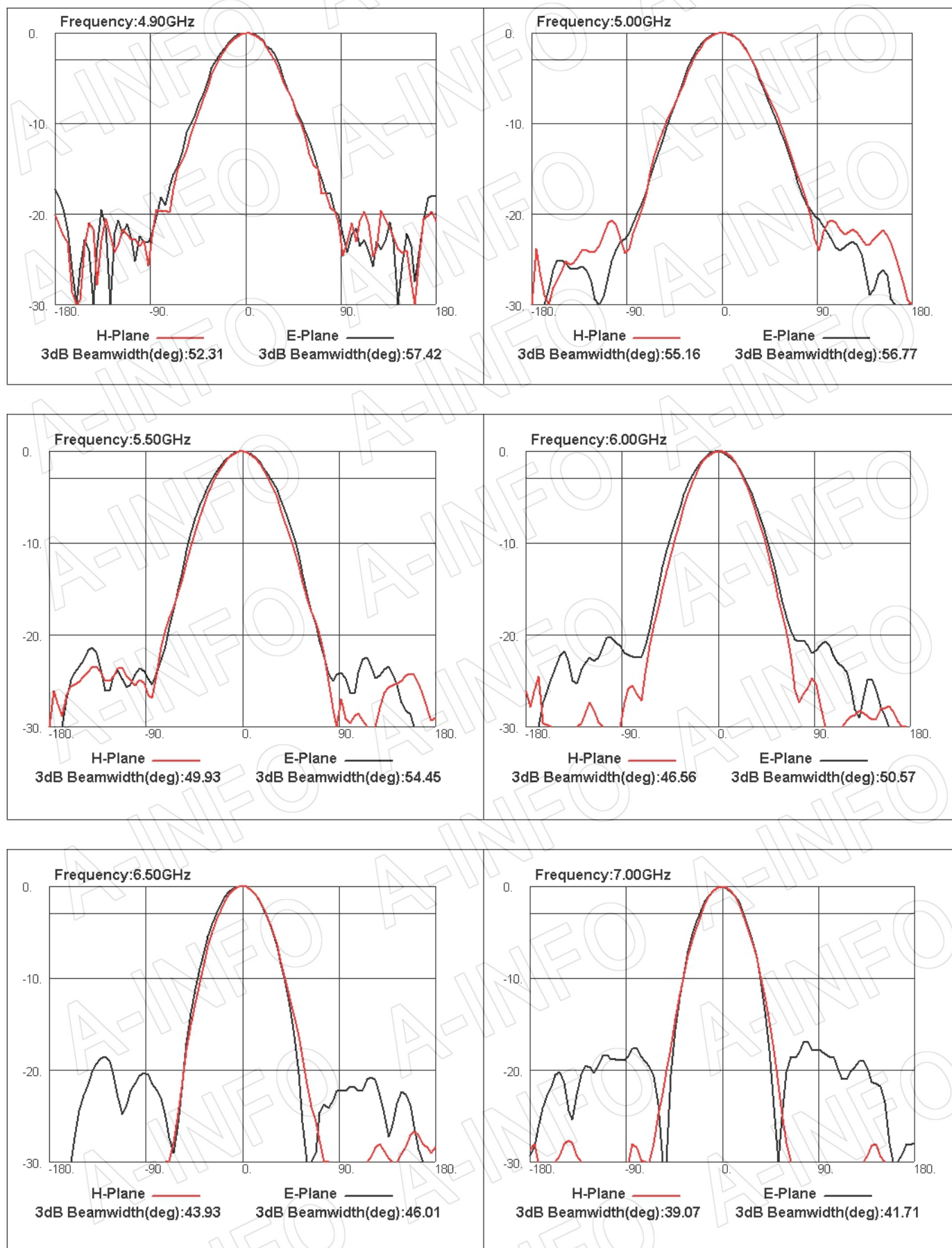
3. VSWR_A Type



VSWR_C Type



4. Pattern



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