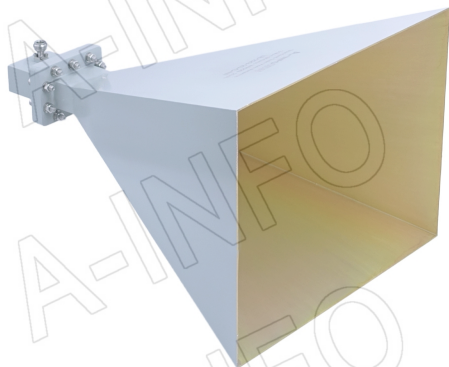


For reference only. See data sheet for the detailed specifications.

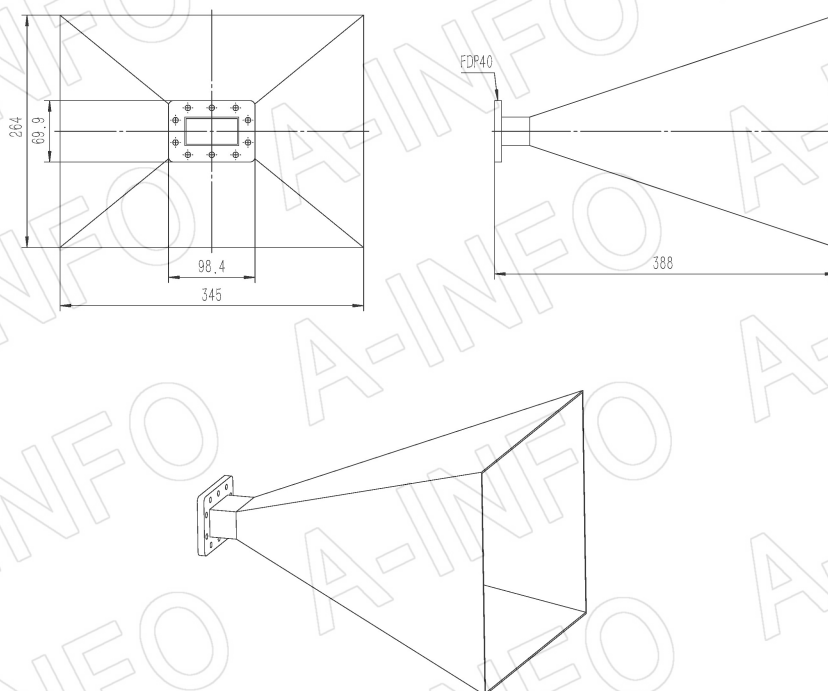
Technical Specification



Frequency Range(GHz)	3.3 – 4.9
Waveguide	WR229
Gain(dBi)	20 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 16 Typ.
	H Plane: 18 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FDP40(UDR40)
	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: 345 x 264 x 388
	C Type: 345 x 264 x 453
Net Weight(Kg)	A Type: 1.7 Around
	C Type: 2.0 Around

Outline Drawing (Size: mm)

FDP40 Output (P/N: LB-229-20-A)



AINFO Inc.

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China(Chengdu):
USA :

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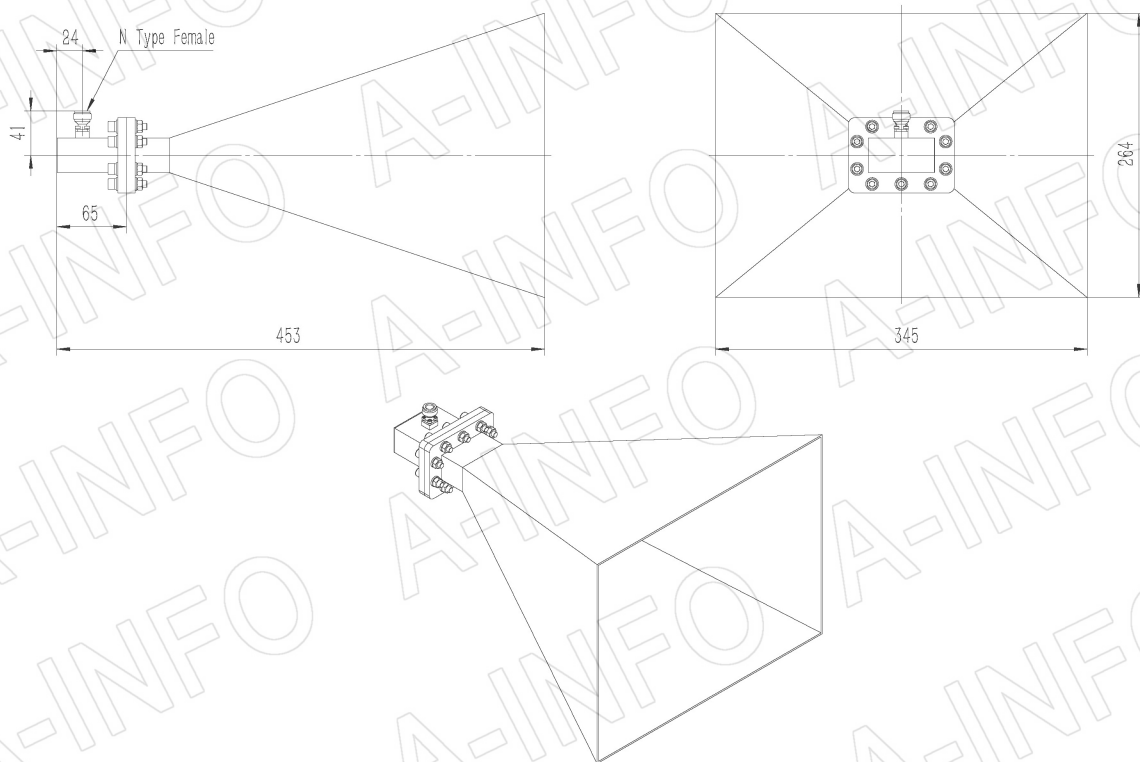
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

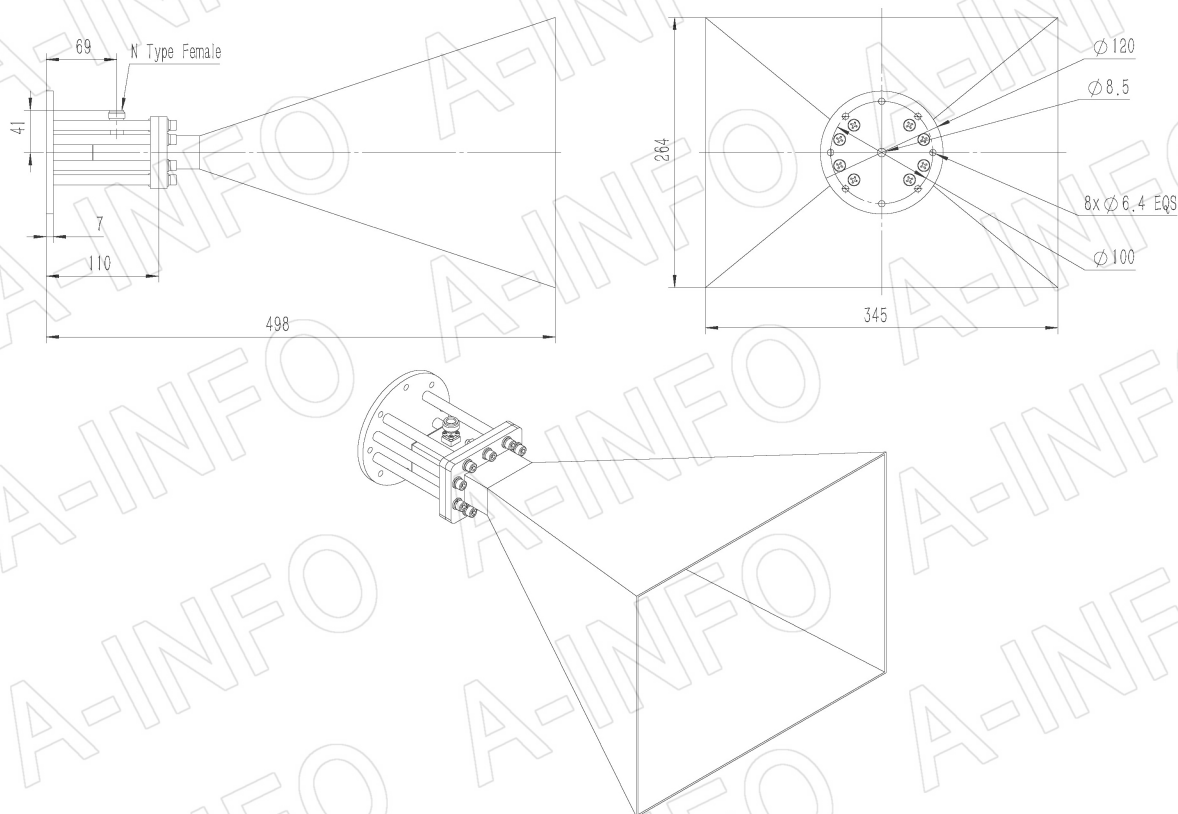
N-Female Output (P/N: LB-229-20-C-NF)

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



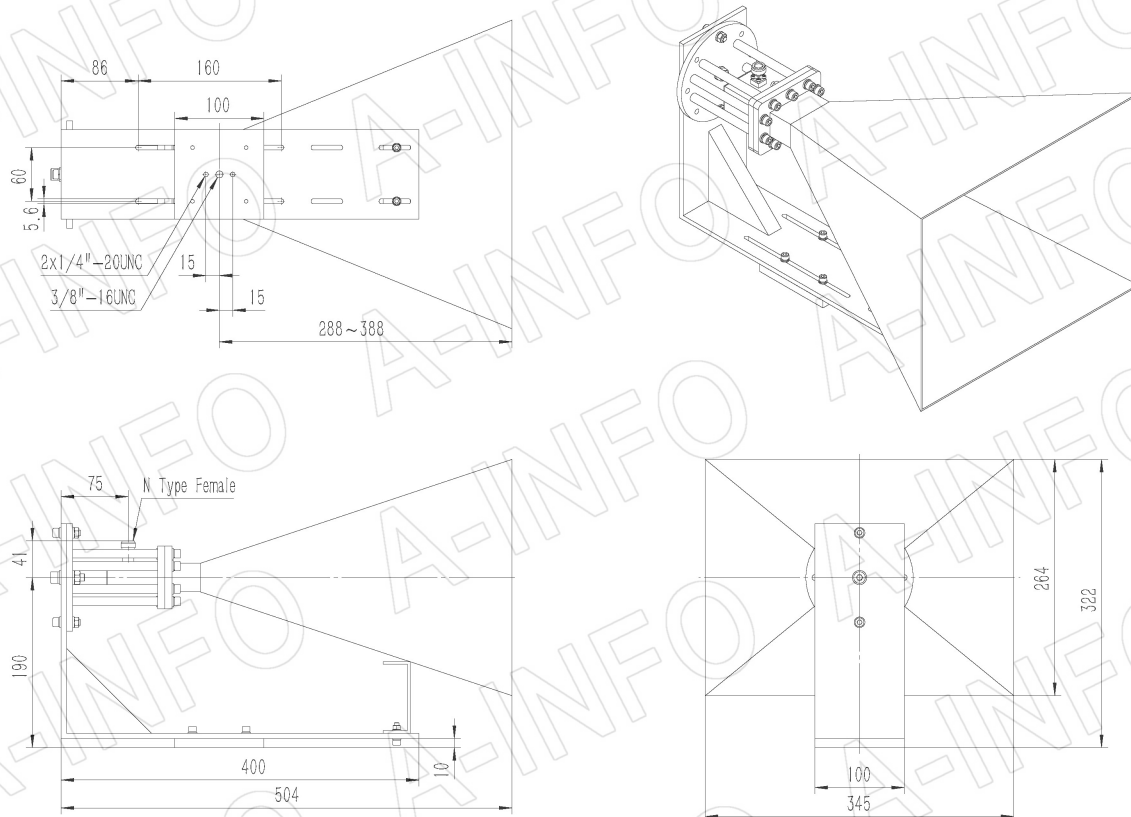
N-Female Output with Round Mounting Bracket (Option, P/N: LB-229-10-C-MB)

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

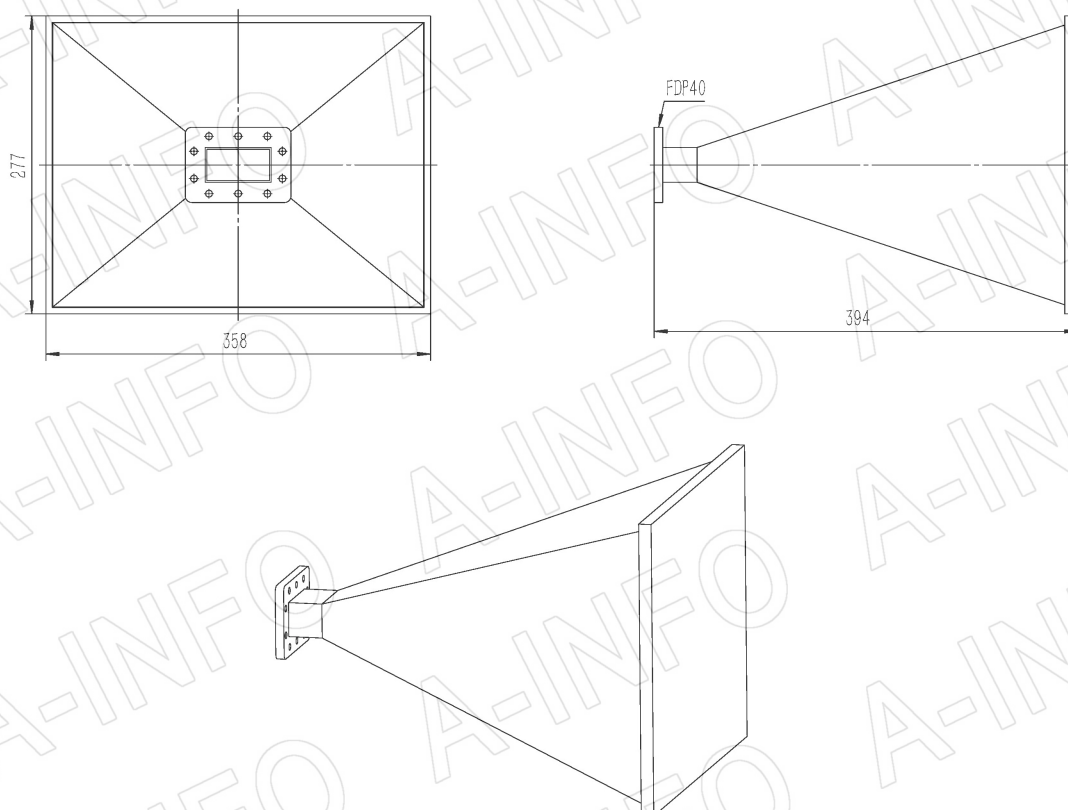


N-Female Output with L Type Mounting Bracket (Option, P/N:LB-229-20-C-MBL)

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

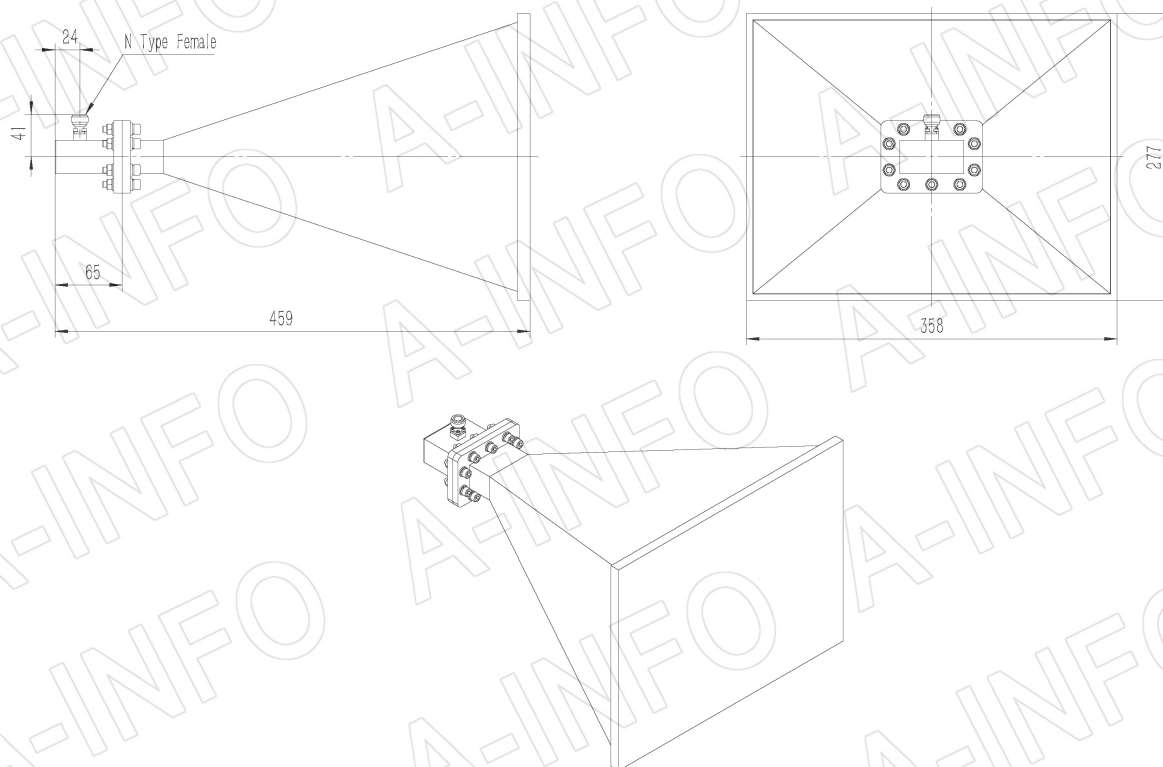


FDP40 Output with Radome (Option, P/N: LB-229-20-ASPO, Outdoor Application)



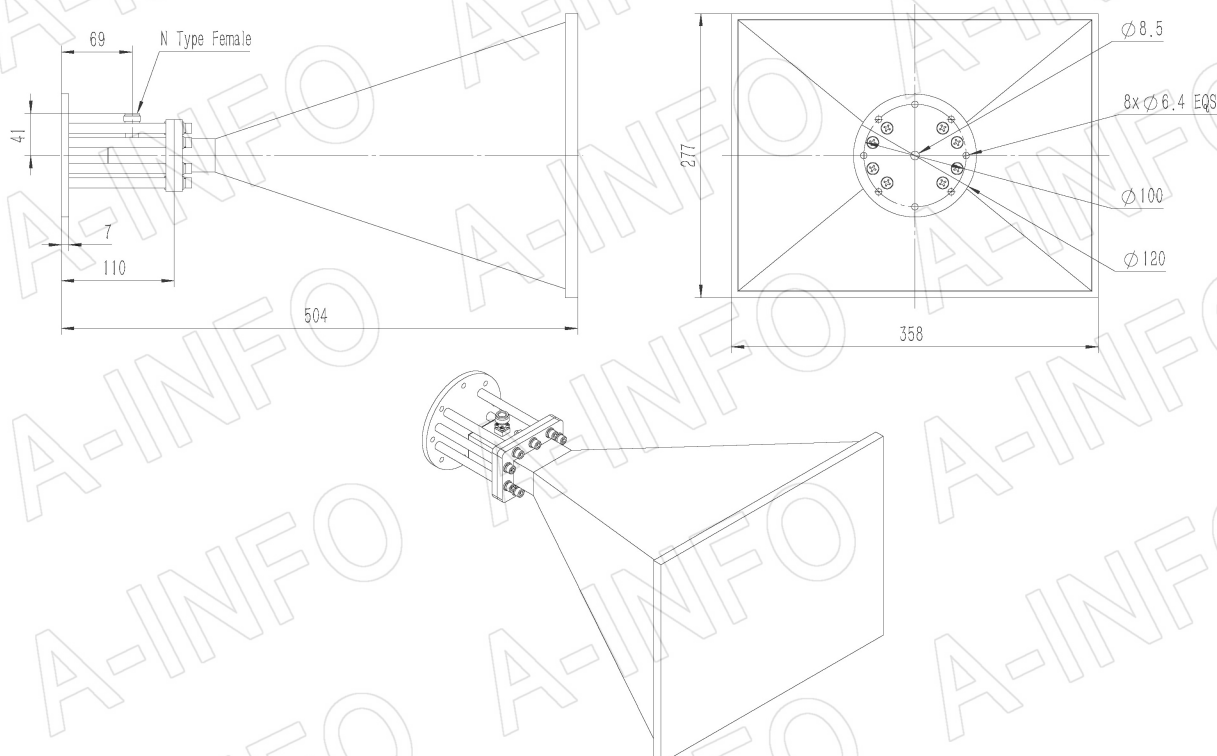
N-Female Output with Radome (Option, P/N: LB-229-20-C-NFSPO, Outdoor Application)

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



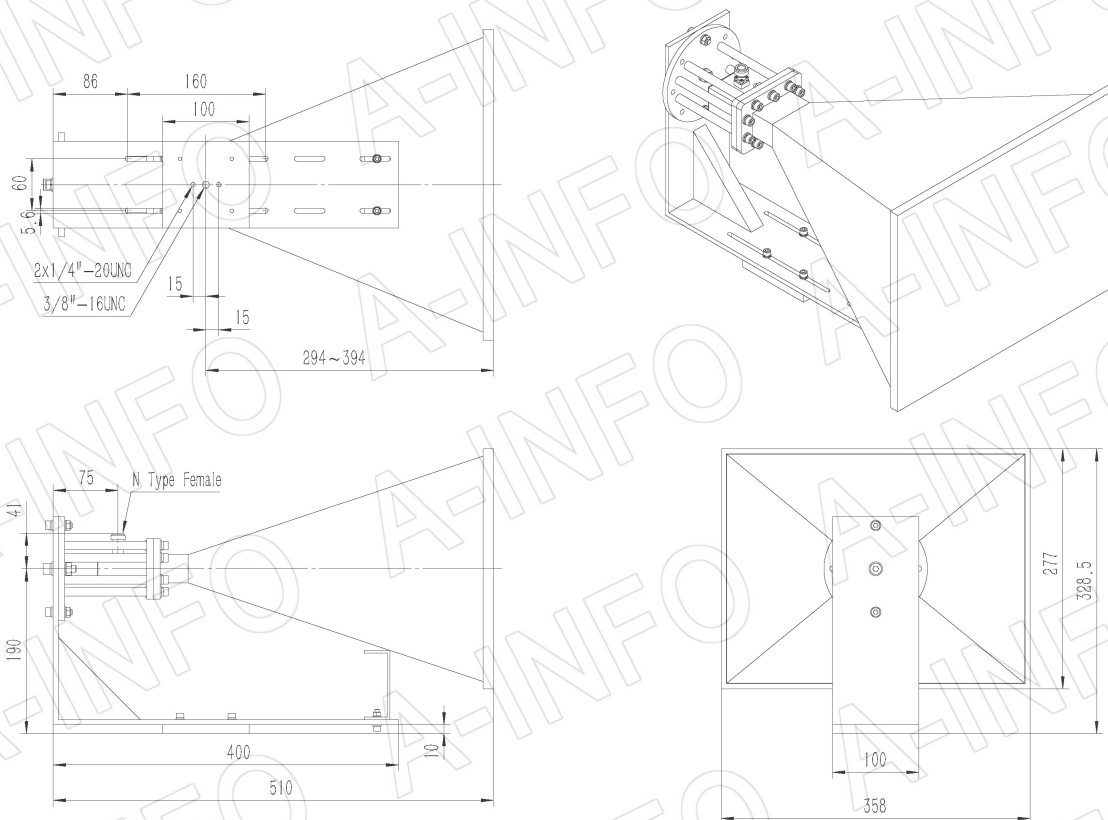
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-229-10-C-MB & LB-229-20-C-NFSPO, Outdoor Application)

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

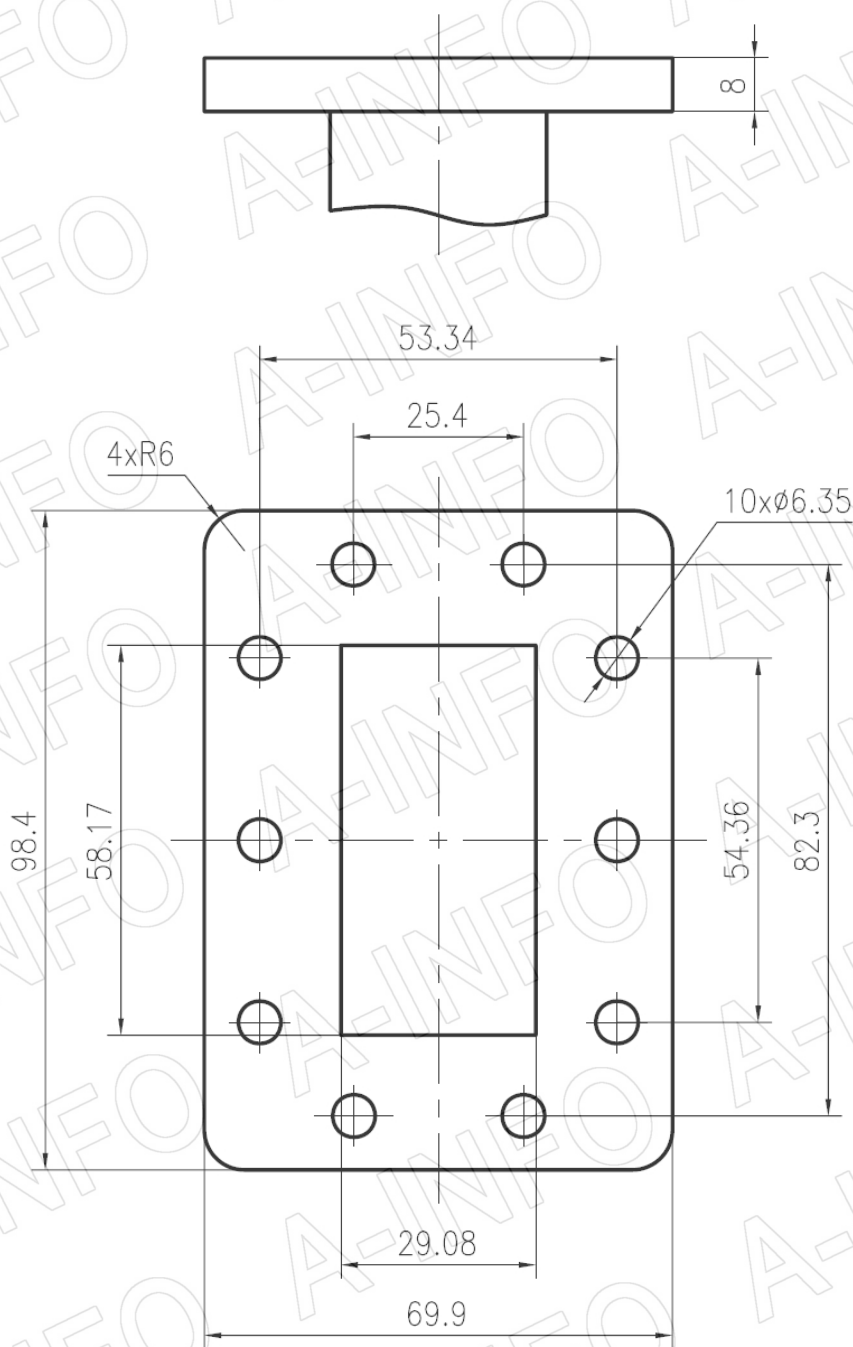


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-229-20-C-MBL & LB-229-20-C-NFSPO, Outdoor Application)

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



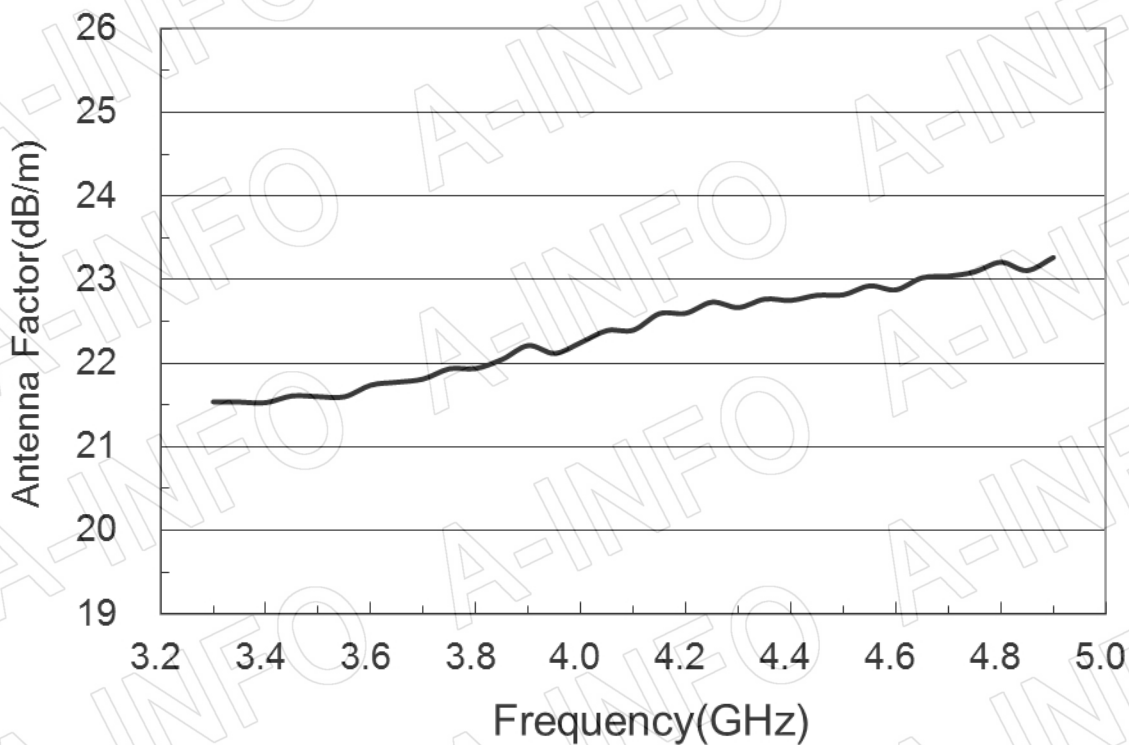
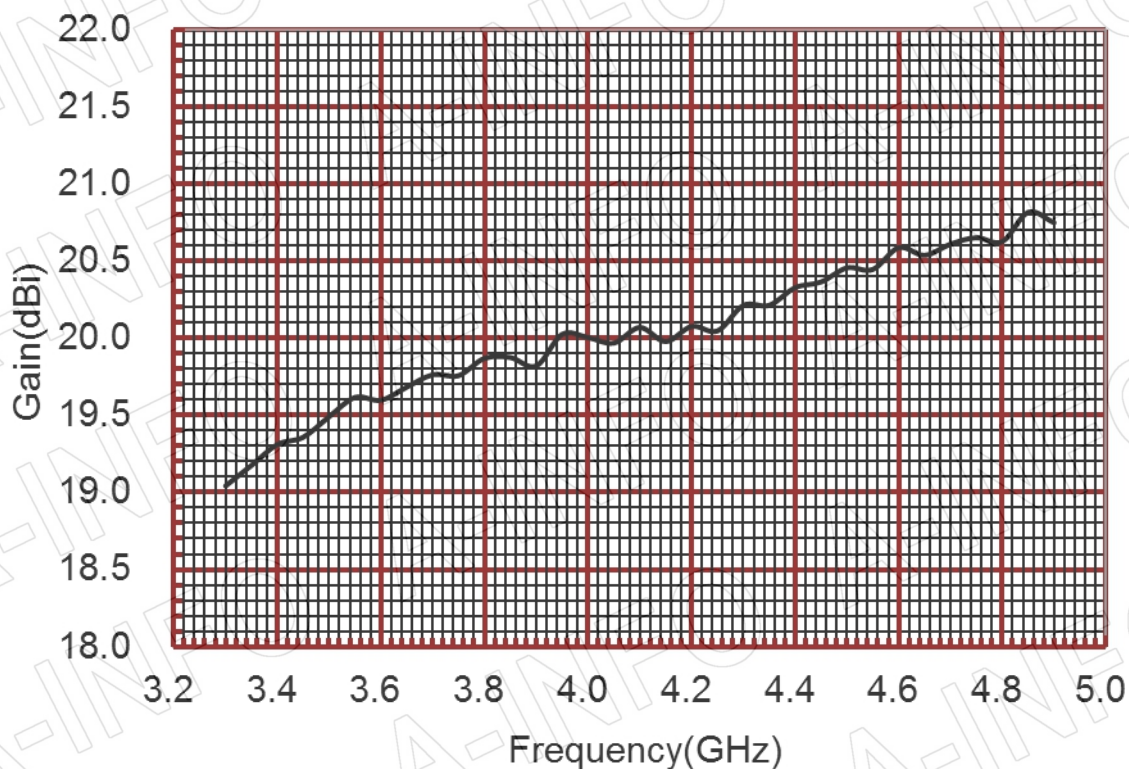
Flange Drawing (Size: mm)



FDP40

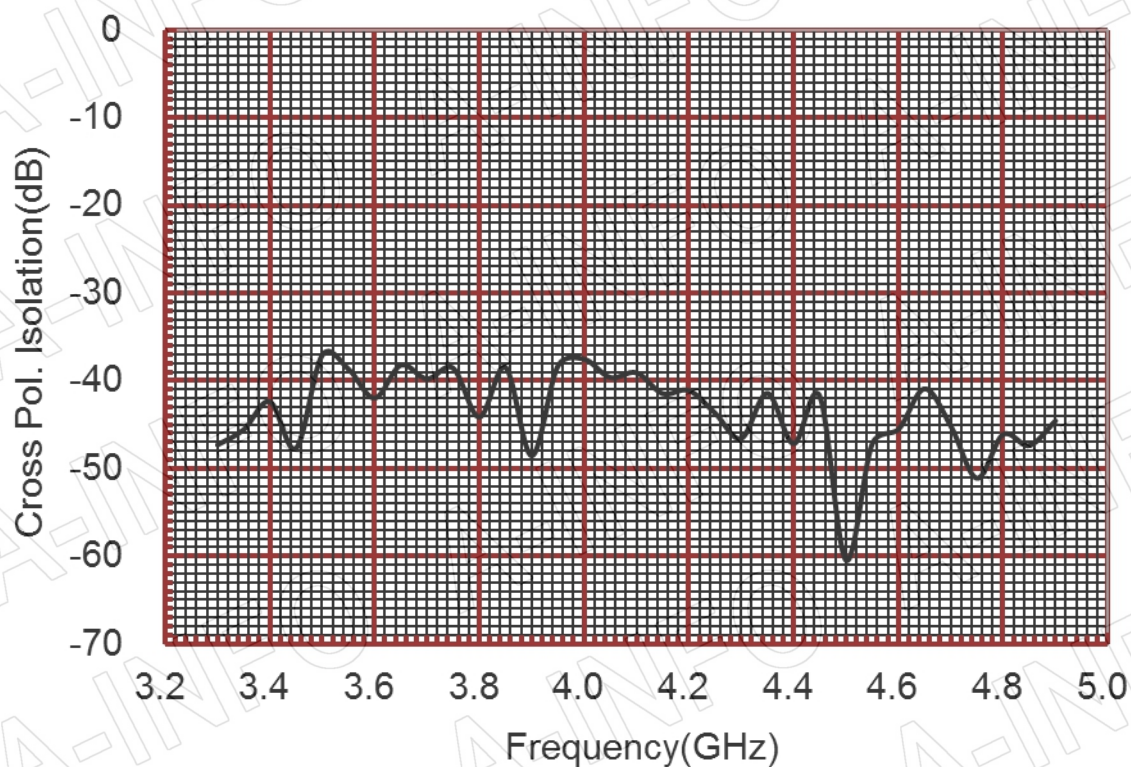
Test Results

1. Gain & Antenna Factor

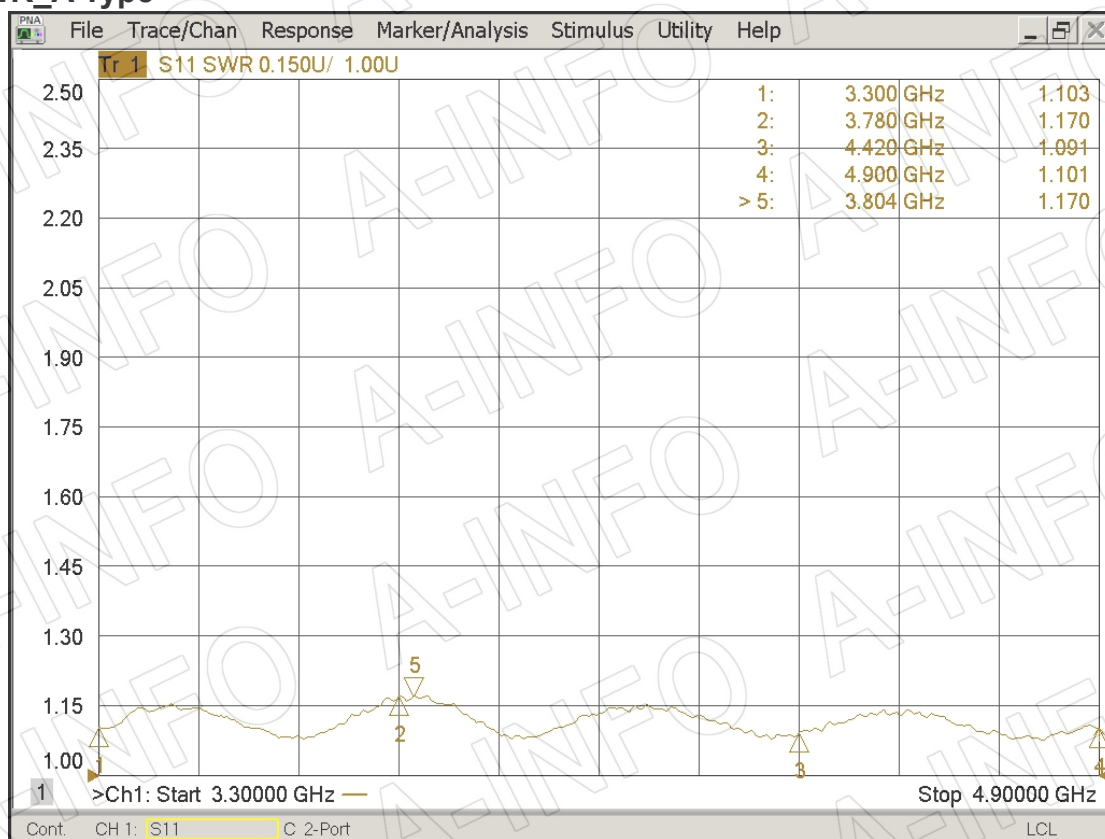


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
3.3	19.04	21.54
3.4	19.31	21.53
3.5	19.49	21.60
3.6	19.60	21.74
3.7	19.76	21.81
3.8	19.87	21.94
3.9	19.82	22.21
4.0	20.00	22.25
4.1	20.07	22.40
4.2	20.08	22.60
4.3	20.21	22.67
4.4	20.33	22.75
4.5	20.45	22.82
4.6	20.59	22.88
4.7	20.61	23.04
4.8	20.63	23.21
4.9	20.75	23.27

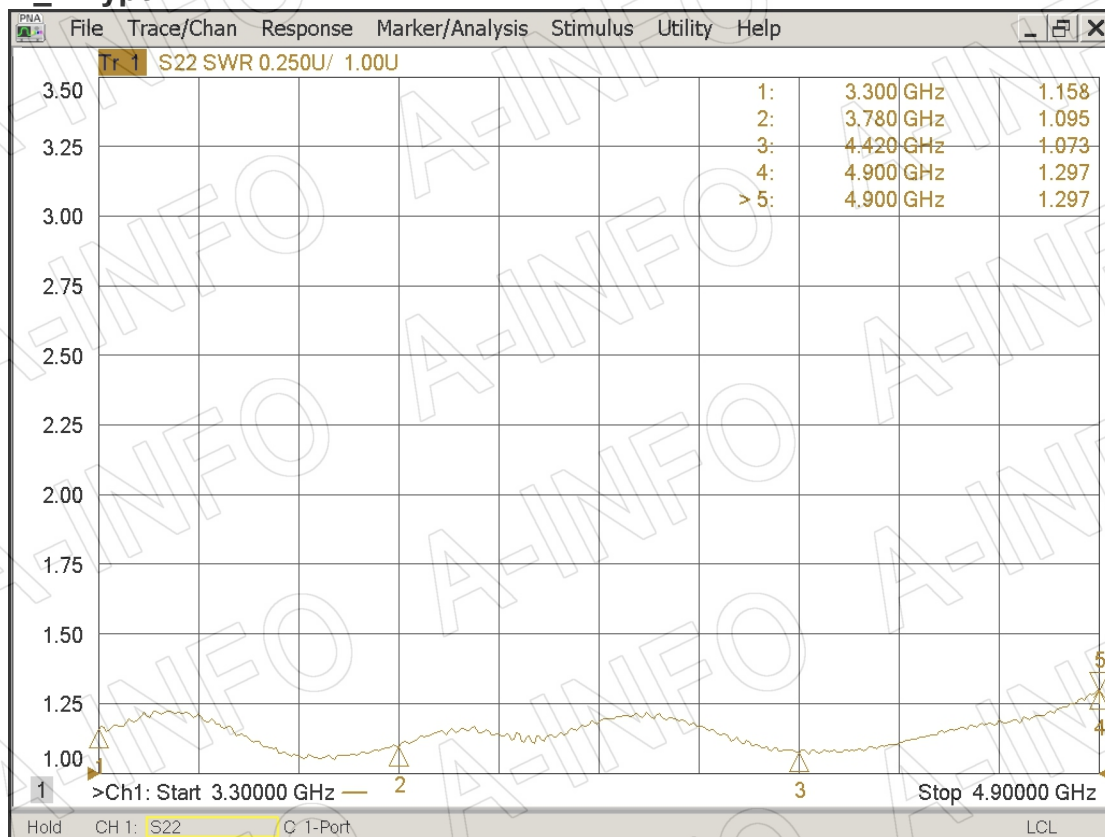
2. Cross Polarization Isolation



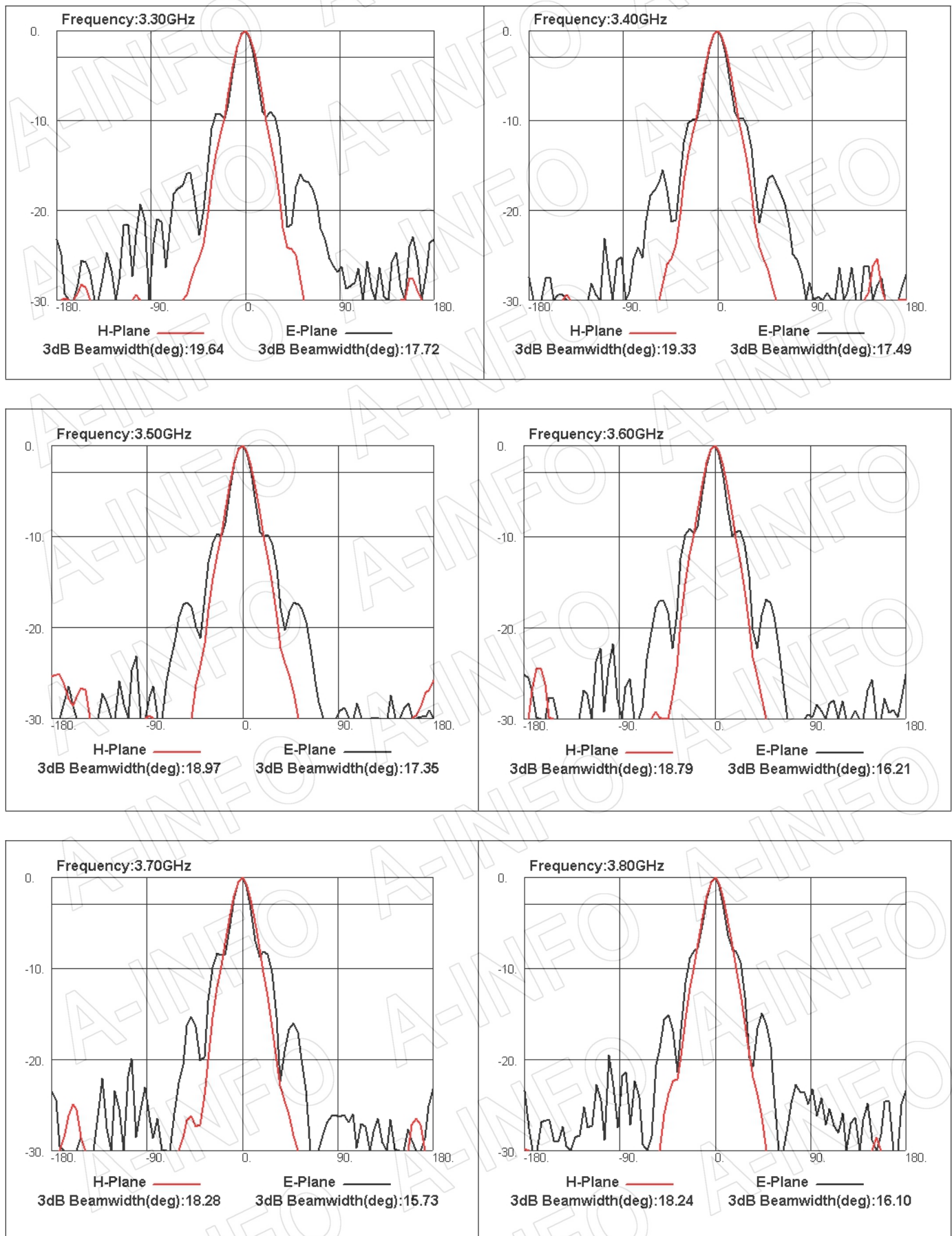
3. VSWR_A Type



VSWR_C Type



4. Pattern



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