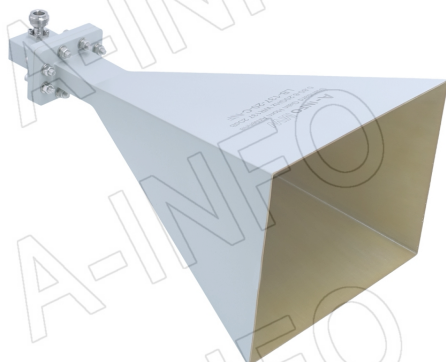


For reference only. See data sheet for the detailed specifications.

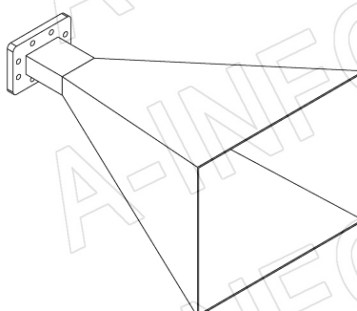
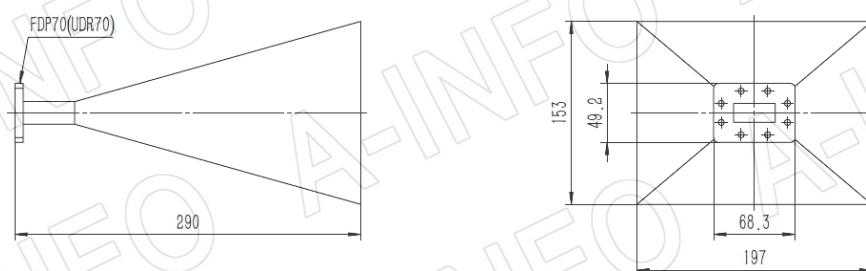
Technical Specification



Frequency Range(GHz)	5.85 – 8.20
Waveguide	WR137
Gain(dBi)	20 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 15 Typ.
	H Plane: 17 Typ.
Cross Pol. Isolation(dB)	45 Typ.
VSWR	A Type: 1.10:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FDP70(UDR70)
	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: 197 x 153 x 290
	C Type: 197 x 153 x 338
Net Weight(Kg)	A Type: 0.6 Around
	C Type: 0.7 Around

Outline Drawing (Size: mm)

FDP70 Output (P/N: LB-137-20-A)



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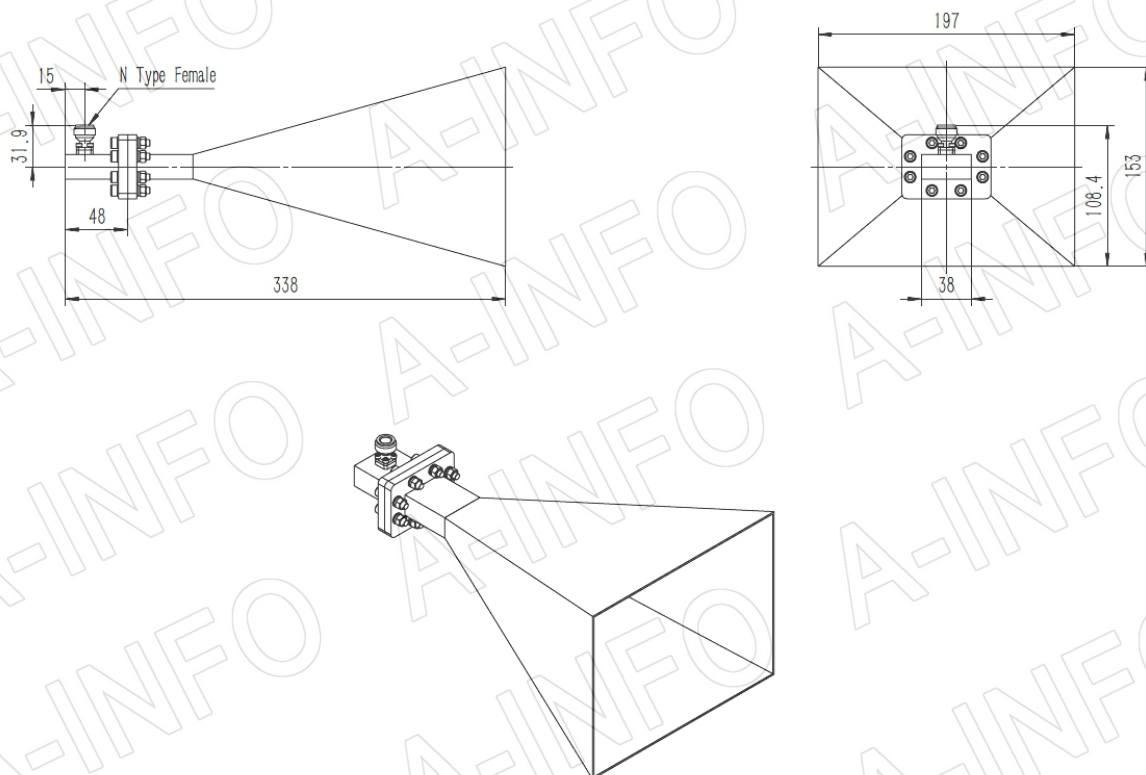
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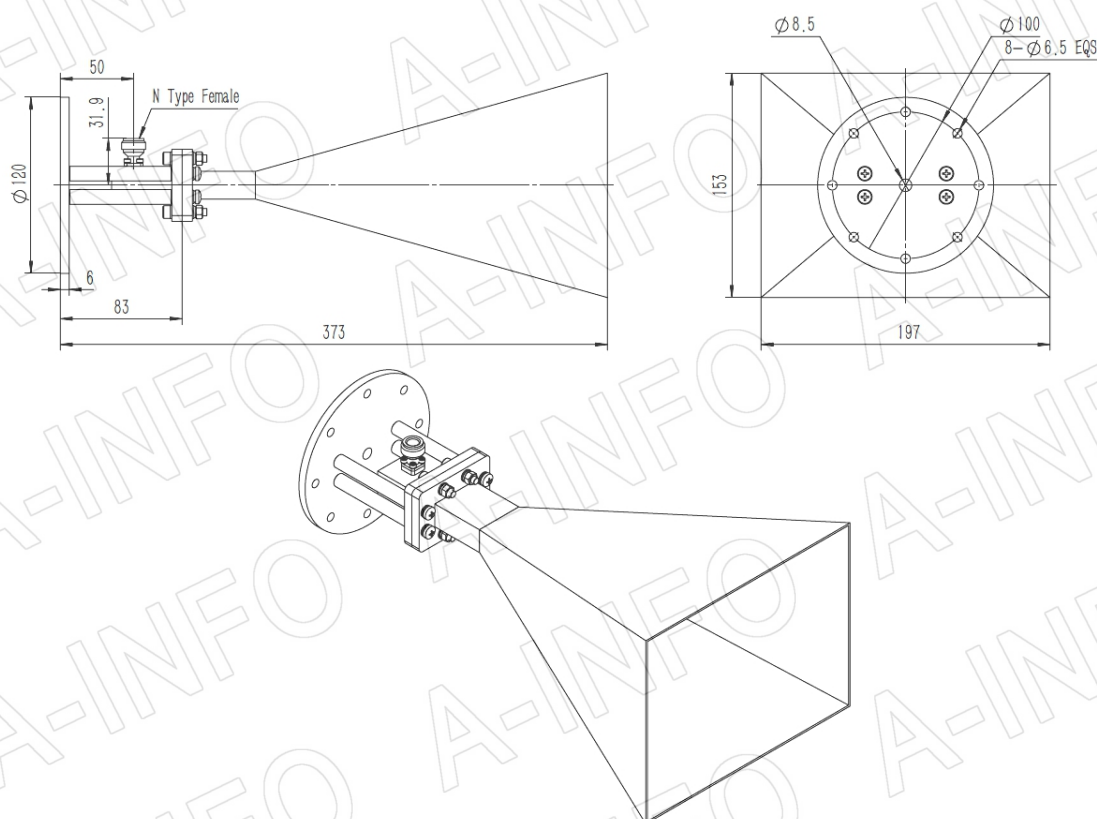
N-Female Output (P/N: LB-137-20-C-NF)

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



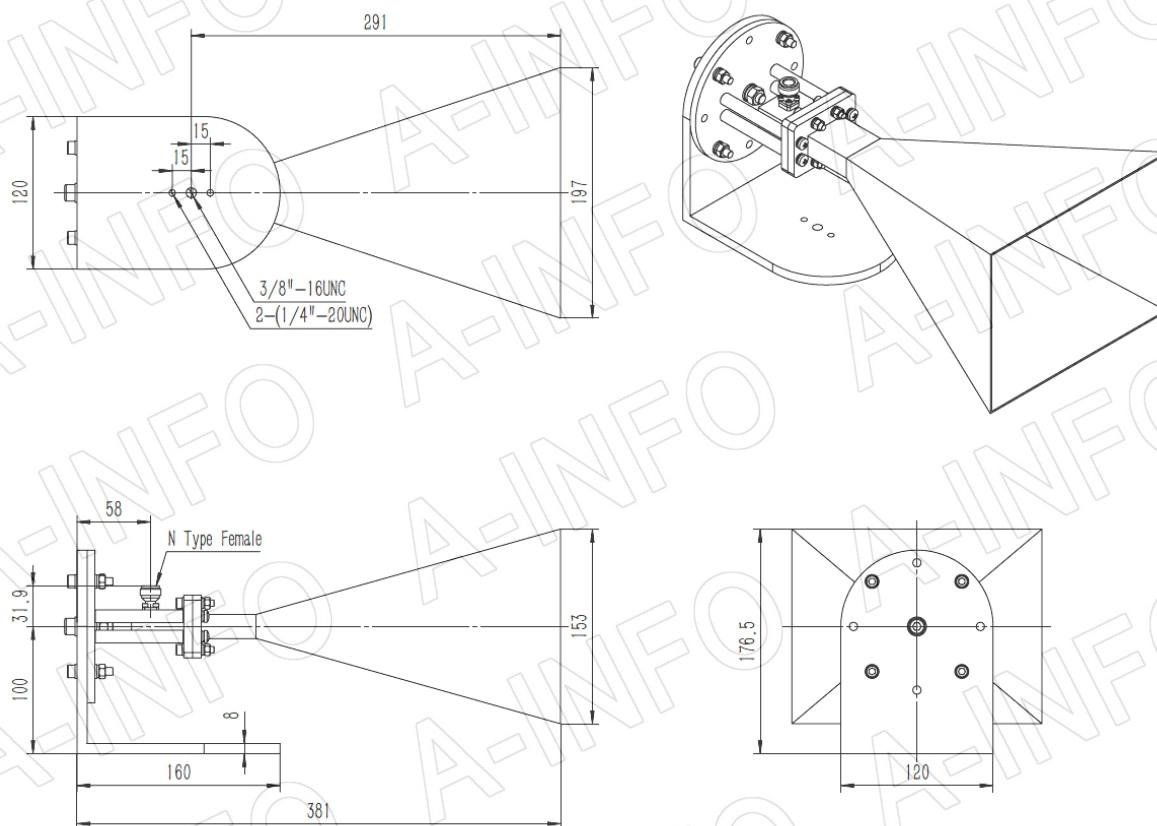
N-Female Output with Round Mounting Bracket (Option, P/N: LB-137-10-C-MB)

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

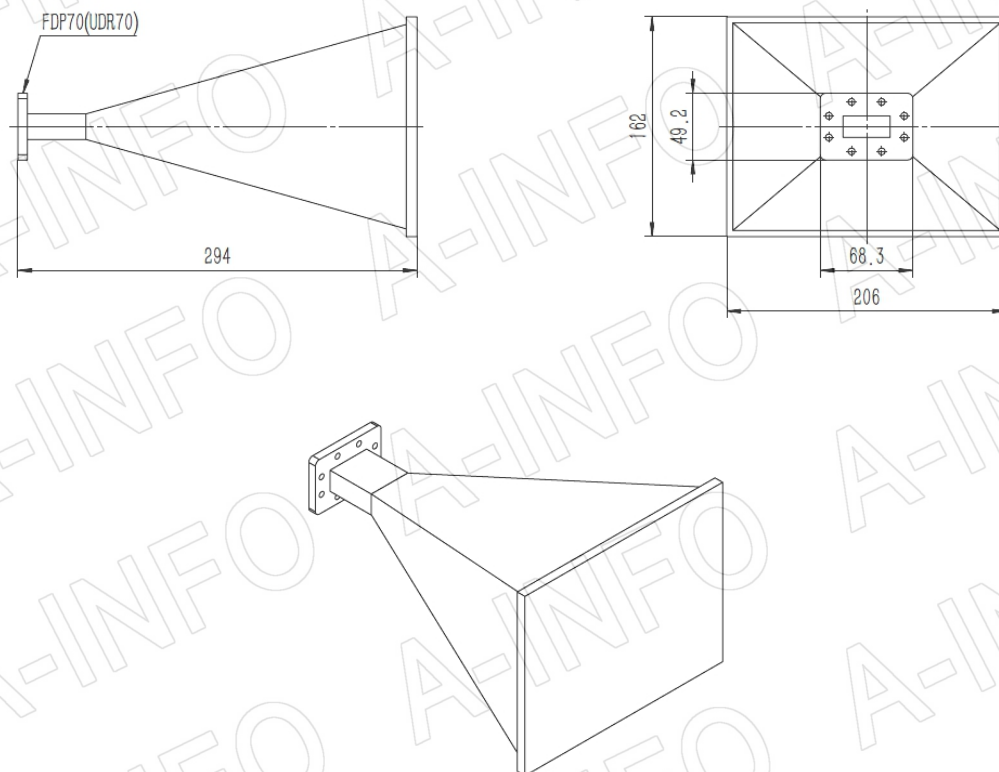


N-Female Output with L Type Mounting Bracket (Option, P/N:LB-137-10-C-MBL)

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

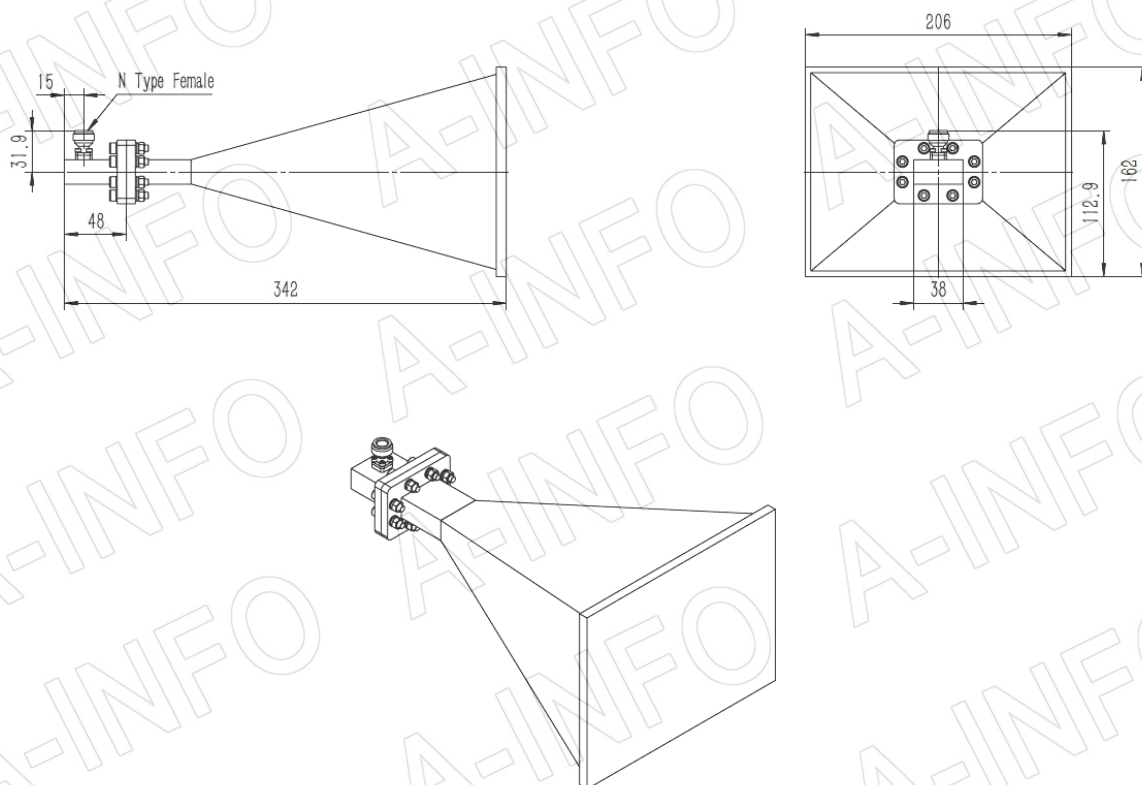


FDP70 Output with Radome (Option, P/N: LB-137-20-ASPO, Outdoor Application)



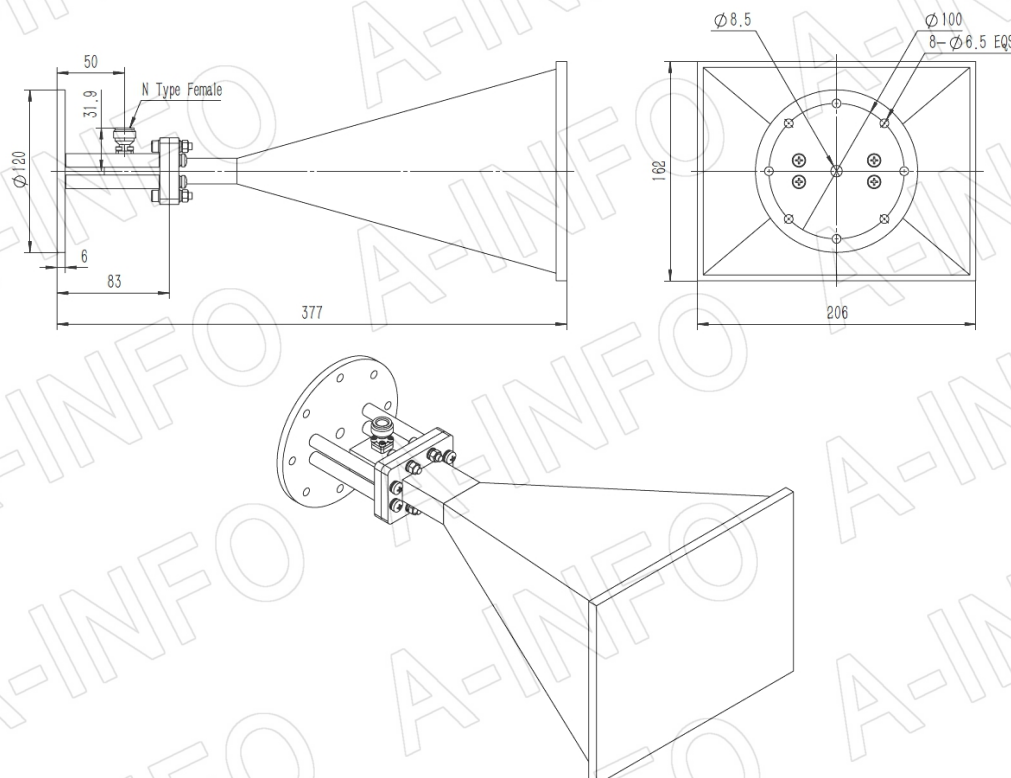
N-Female Output with Radome (Option, P/N: LB-137-20-C-NFSPO, Outdoor Application)

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



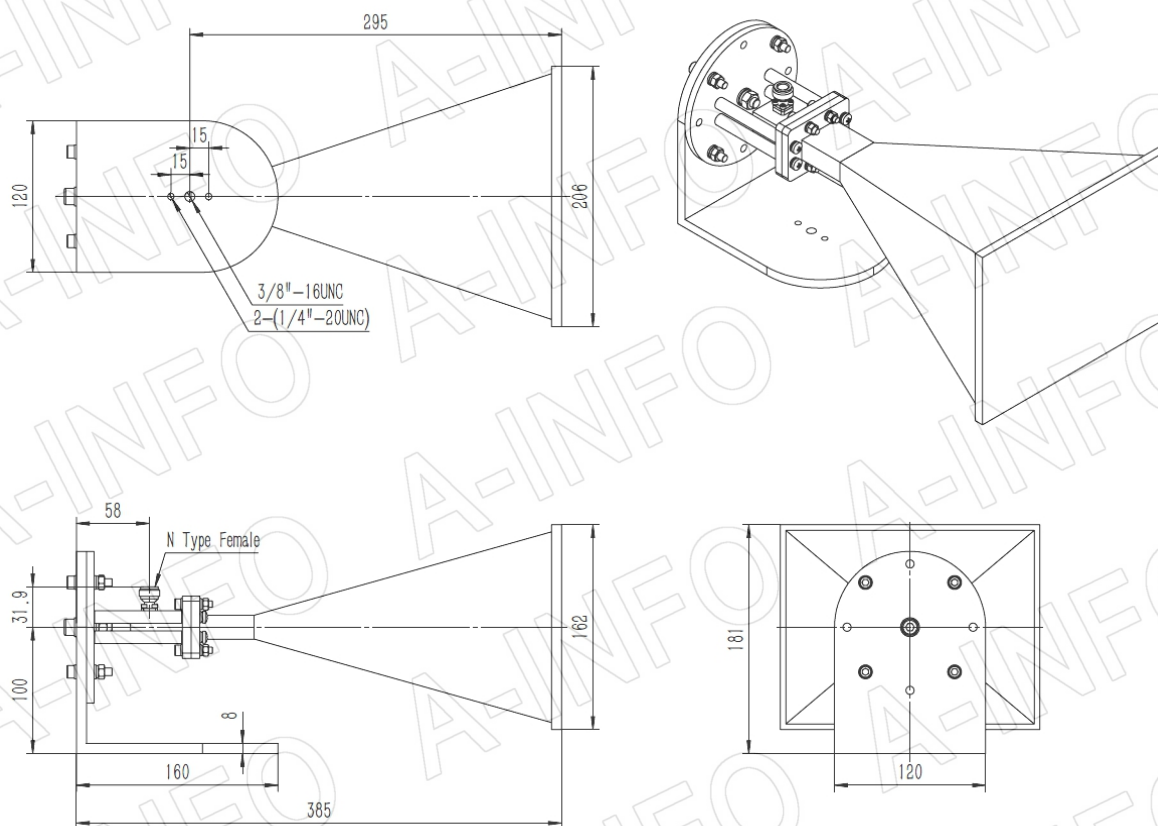
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-137-10-C-MB & LB-137-20-C-NFSPO, Outdoor Application)

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

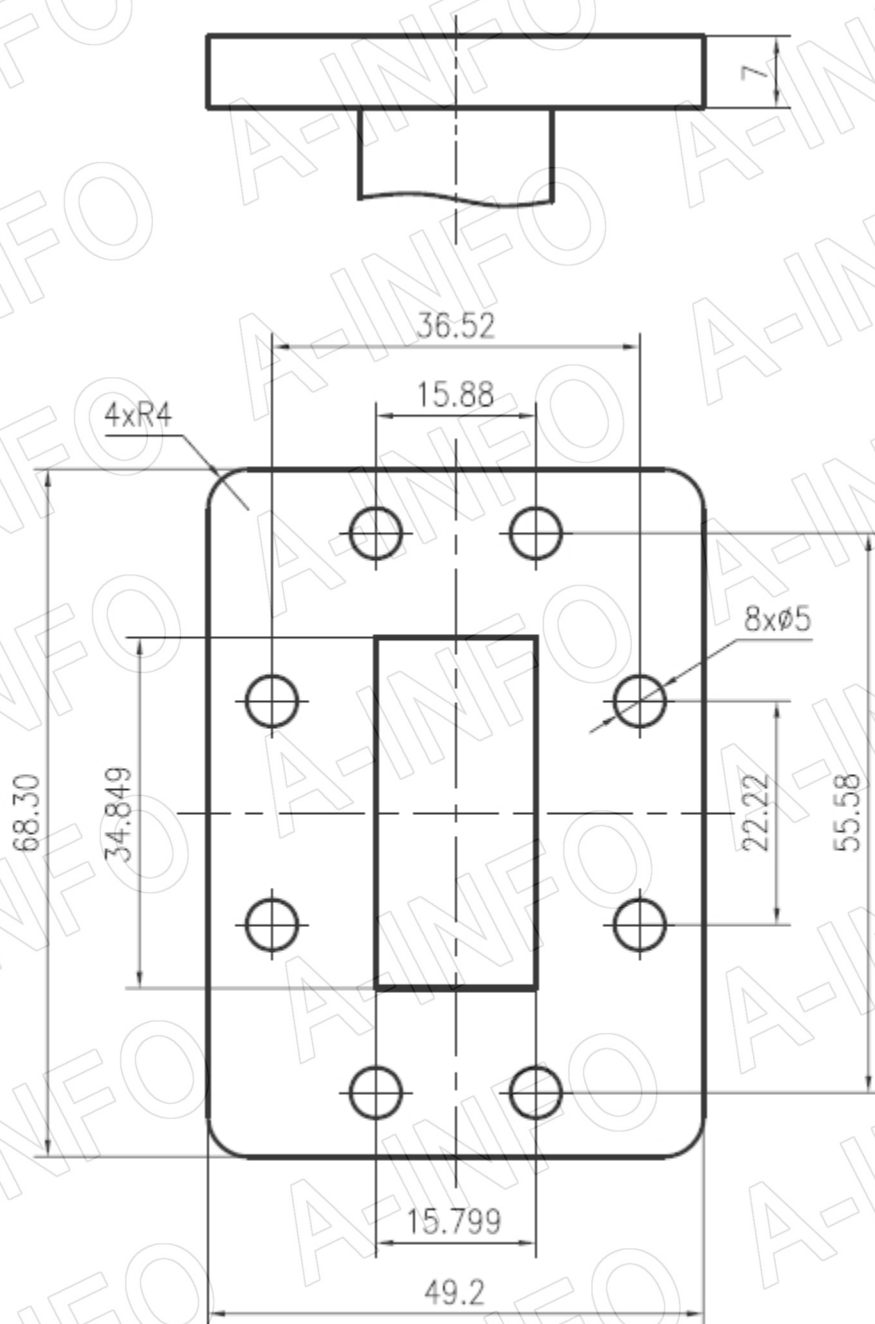


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-137-10-C-MBL & LB-137-20-C-NFSP0, Outdoor Application)

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



Flange Drawing (Size: mm)



FDP70

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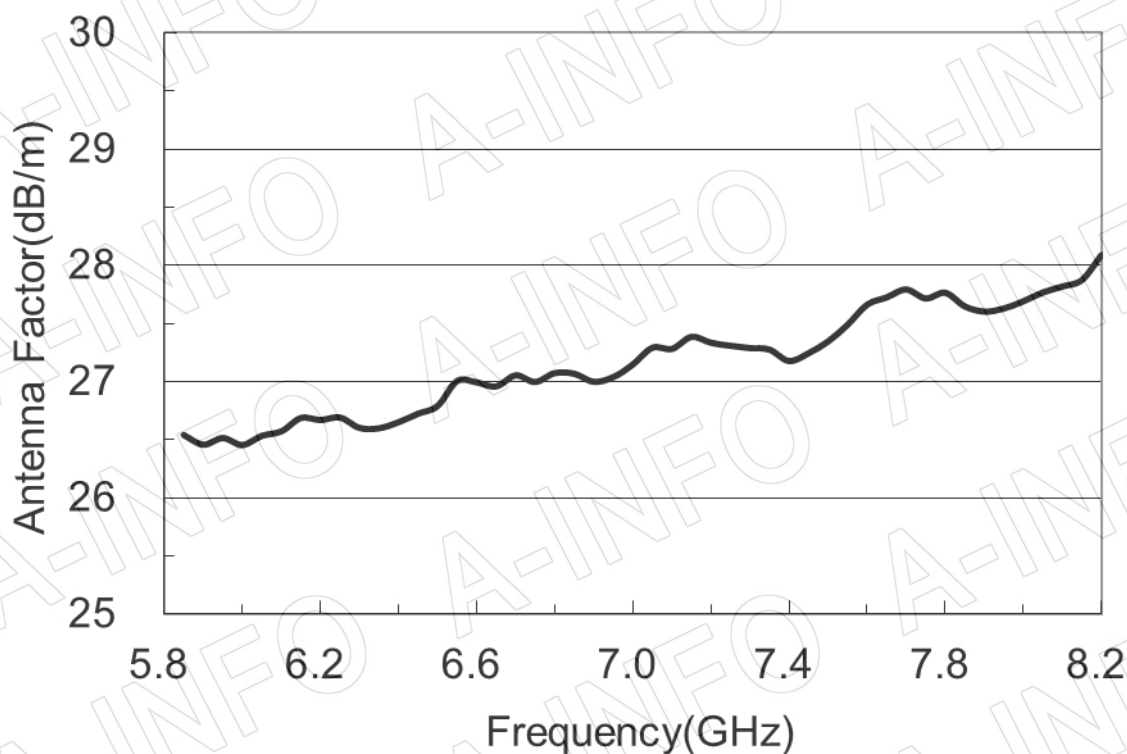
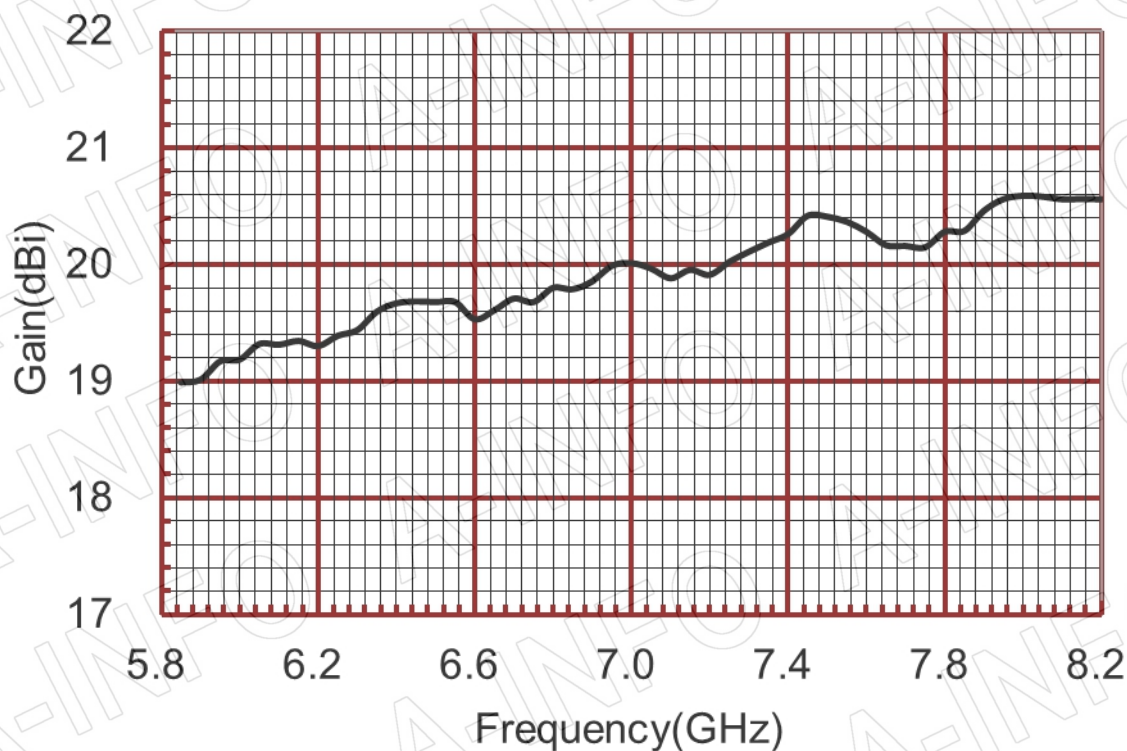
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Test Results

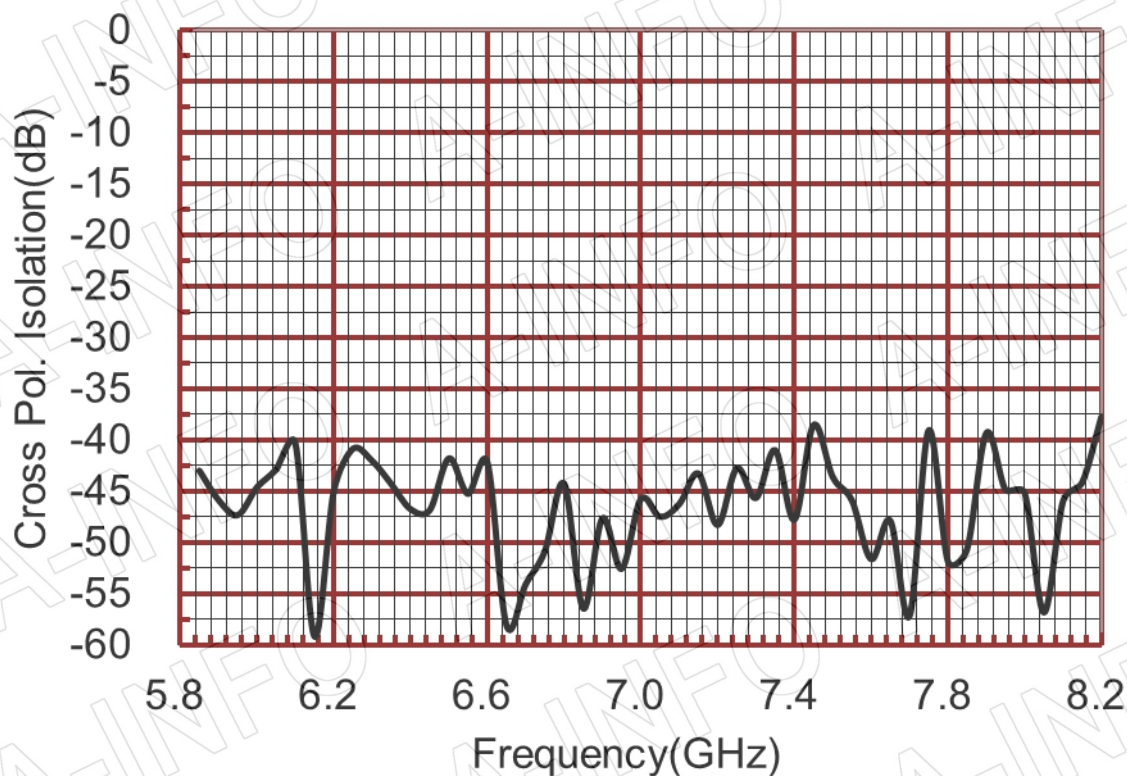
1. Gain & Antenna Factor



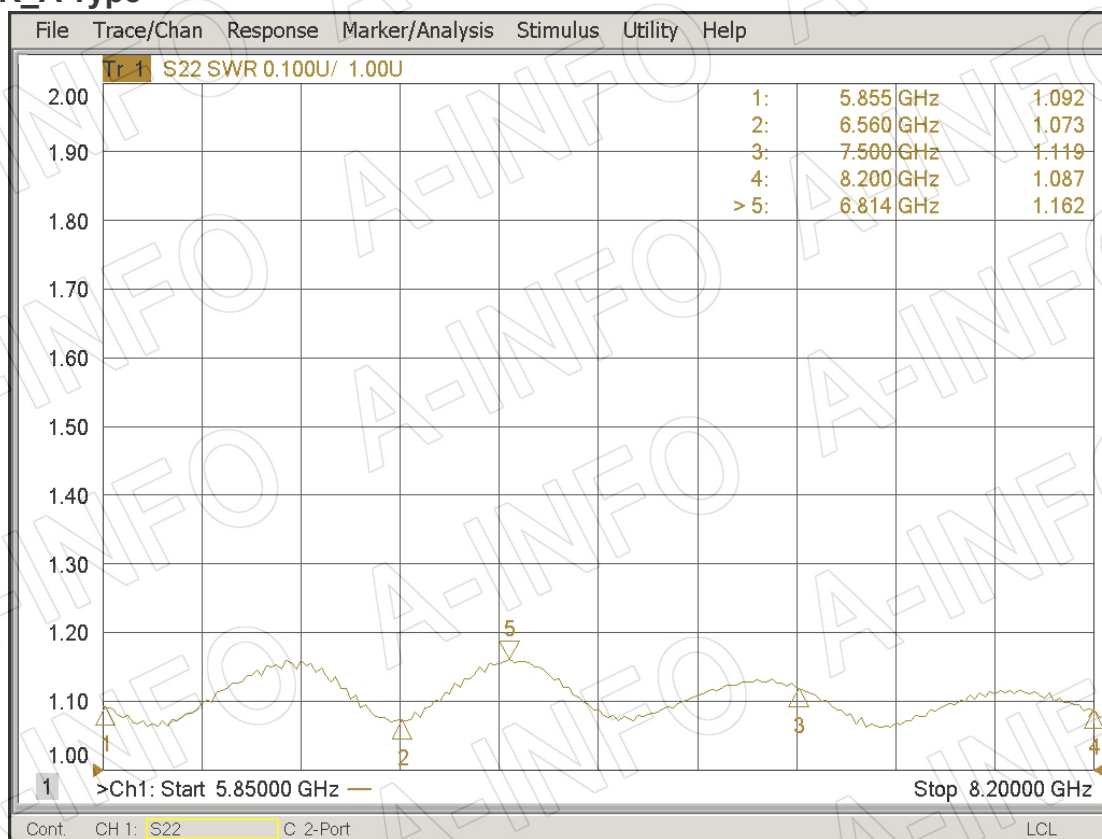
Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
5.85	19.01	26.54
5.90	19.17	26.46
6.00	19.32	26.46
6.10	19.35	26.57
6.20	19.39	26.67
6.30	19.60	26.60
6.40	19.69	26.65
6.50	19.68	26.79
6.60	19.61	27.00
6.70	19.68	27.06
6.80	19.79	27.08
6.90	19.99	27.00
7.00	19.97	27.15

Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
7.10	19.96	27.28
7.20	20.03	27.34
7.30	20.19	27.29
7.40	20.42	27.18
7.50	20.37	27.35
7.60	20.17	27.66
7.70	20.15	20.80
7.80	20.29	27.77
7.90	20.56	27.61
8.00	20.58	27.69
8.10	20.56	27.82
8.20	20.40	28.09

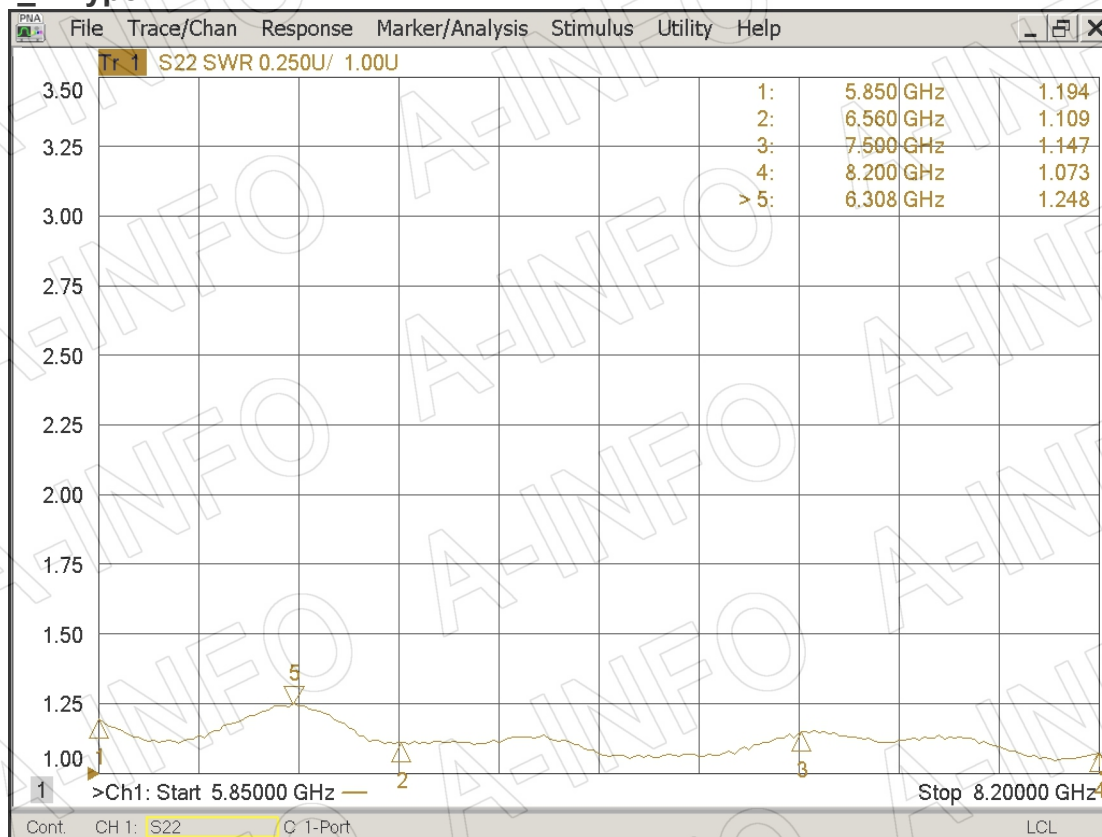
2. Cross Polarization Isolation



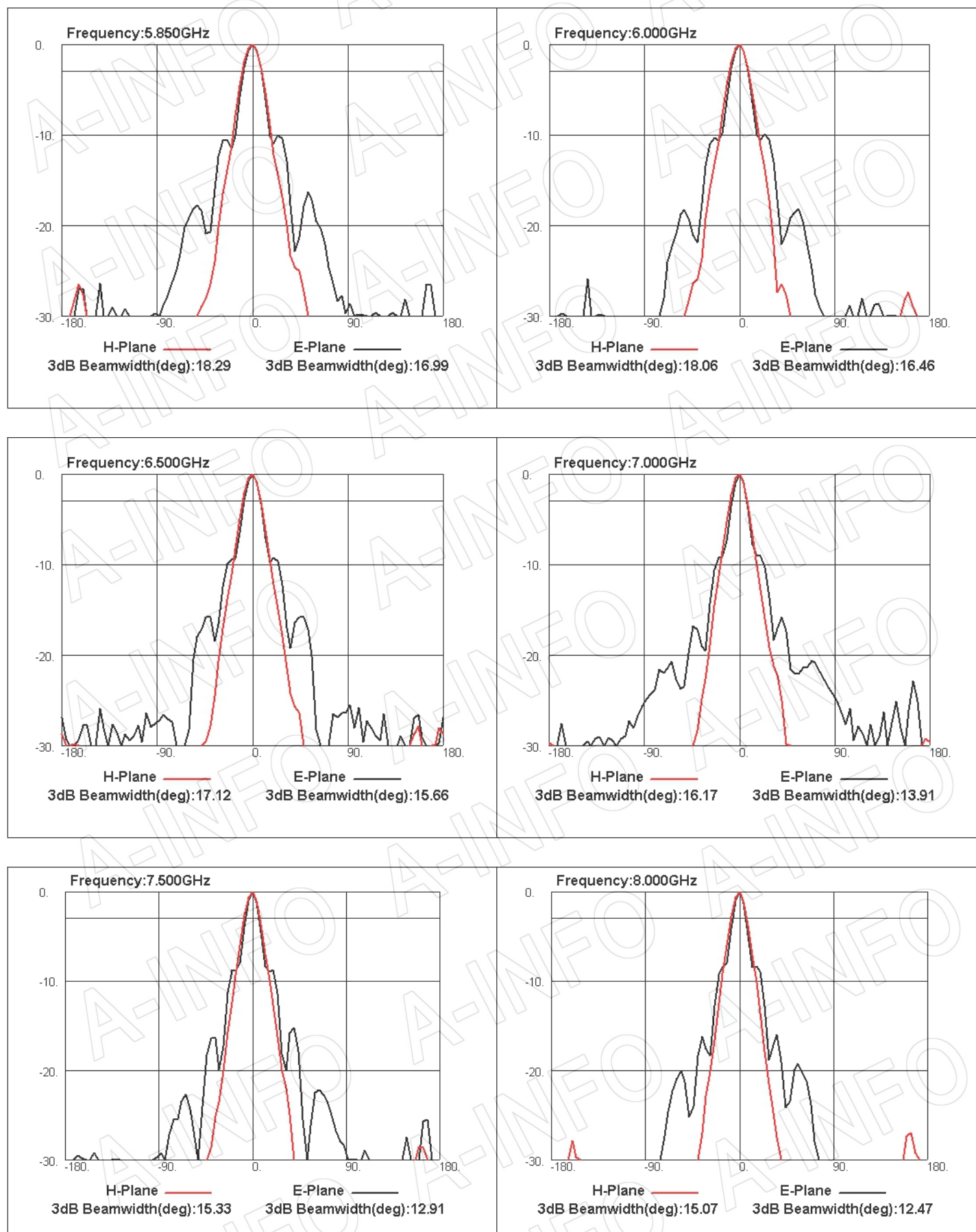
3. VSWR_A Type



VSWR_C Type



4. Pattern



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