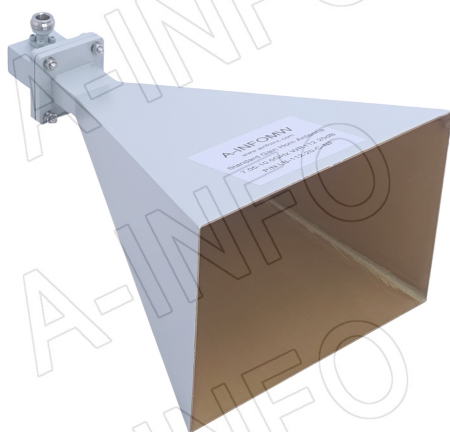


For reference only. See data sheet for the detailed specifications.

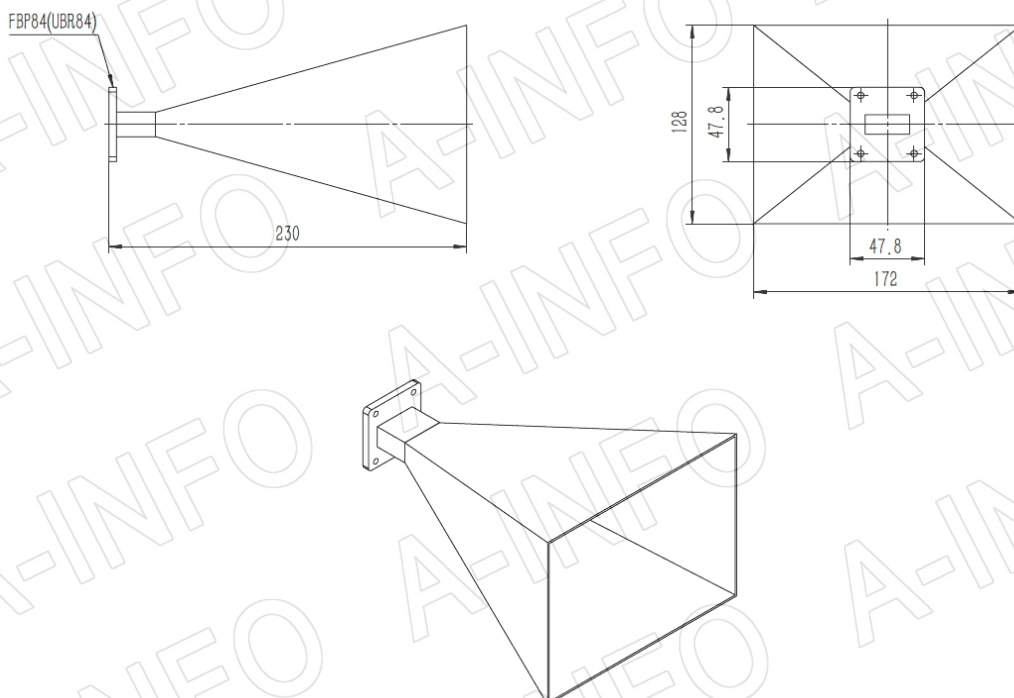
Technical Specification



Frequency Range(GHz)	7.05 – 10.0
Waveguide	WR112
Gain(dBi)	20 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 15 Typ.
	H Plane: 17 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FBP84(UBR84)
	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: 172 x 128 x 230
	C Type: 172 x 128 x 270
Net Weight(Kg)	A Type: 0.31 Around
	C Type: 0.40 Around

Outline Drawing (Size: mm)

FBP84 Output (P/N: LB-112-20-A)



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

Page 1 of 11

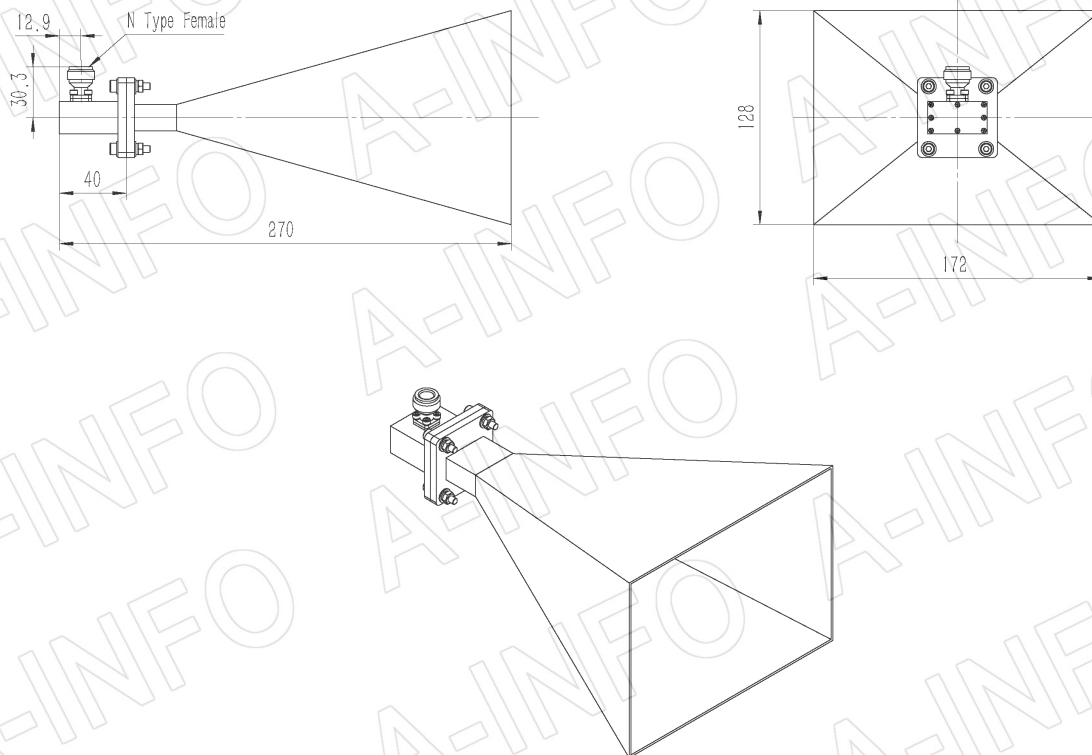
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

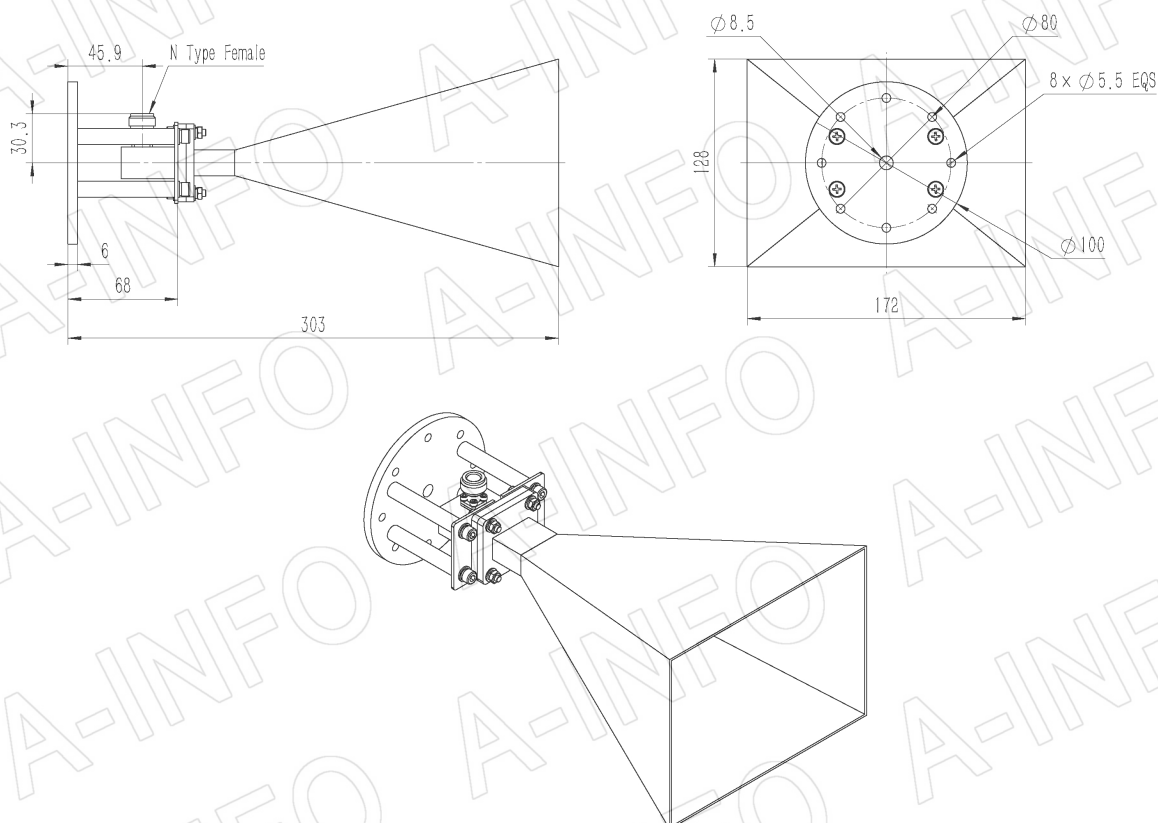
N-Female Output (P/N: LB-112-20-C-NF)

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



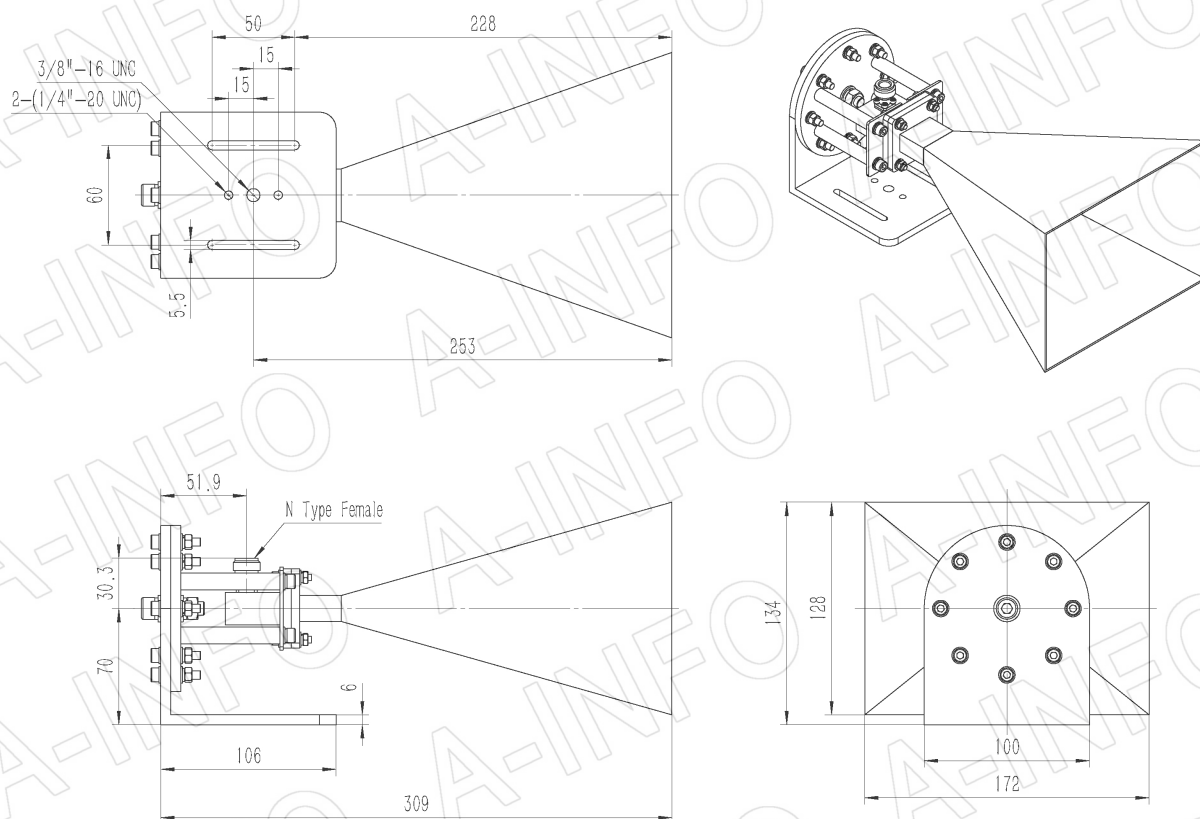
N-Female Output with Round Mounting Bracket (Option, P/N: LB-112-10-C-MB)

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

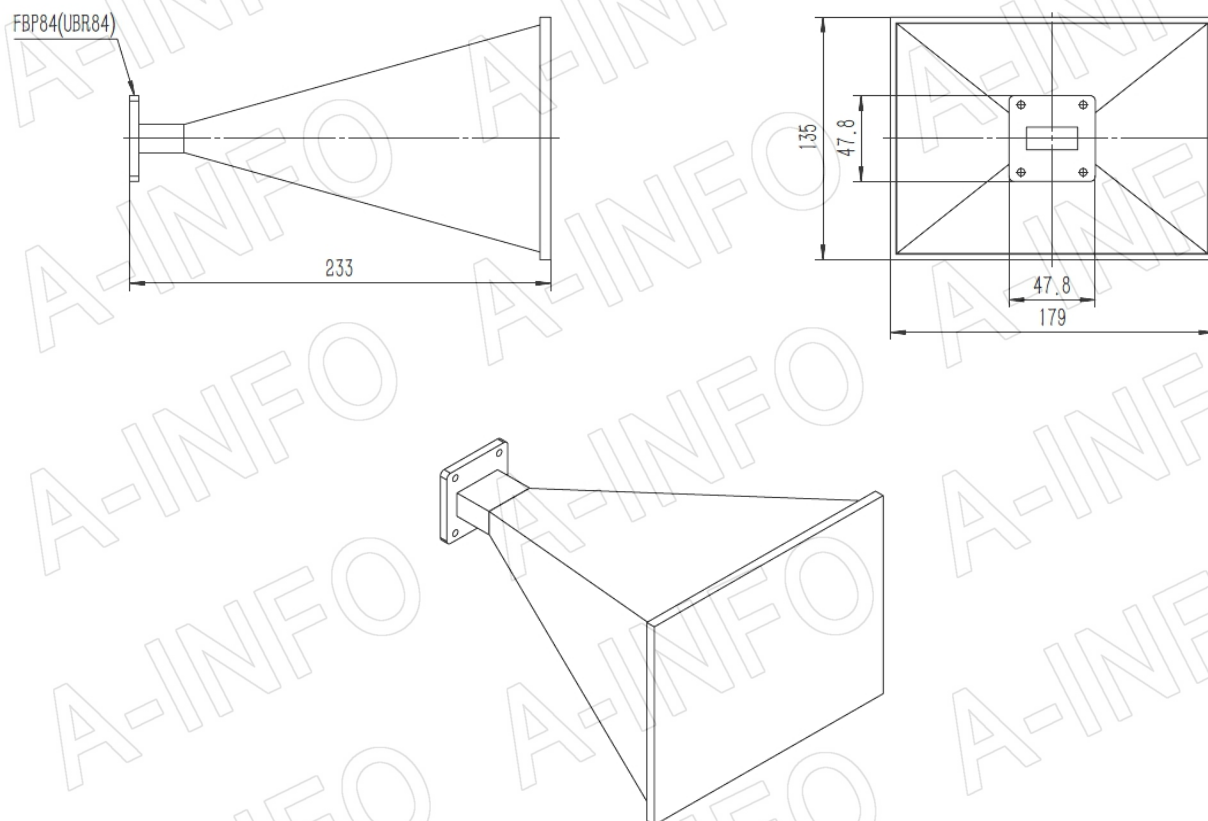


N-Female Output with L Type Mounting Bracket (Option, P/N:LB-112-10-C-MBL)

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

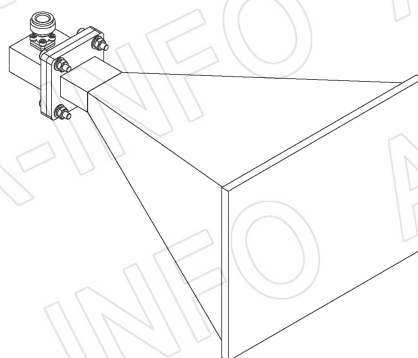
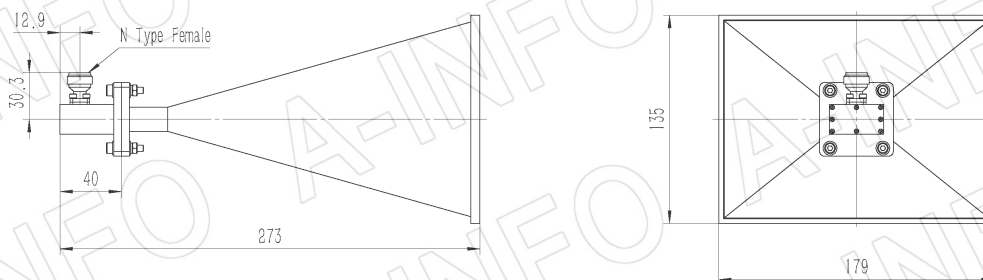


FBP84 Output with Radome (Option, P/N: LB-112-20-ASPO, Outdoor Application)



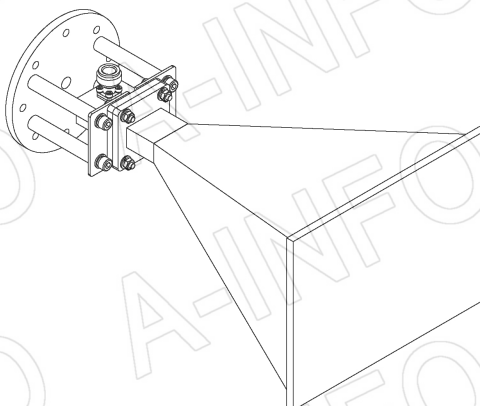
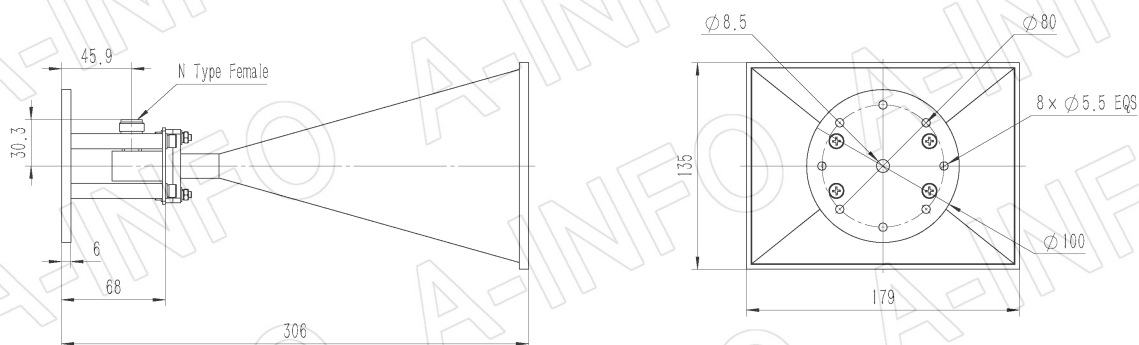
N-Female Output with Radome (Option, P/N: LB-112-20-C-NFSPO, Outdoor Application)

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



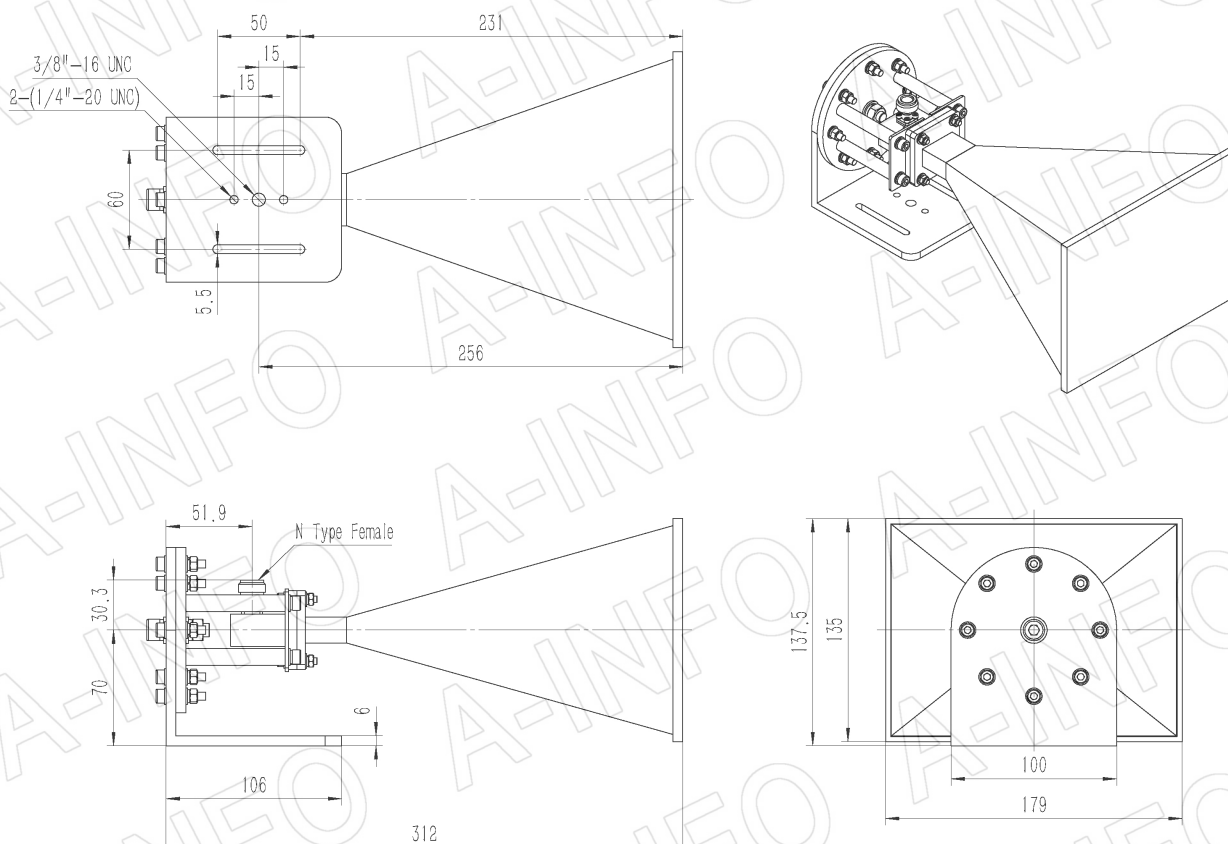
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-112-10-C-MB & LB-112-20-C-NFSPO, Outdoor Application)

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

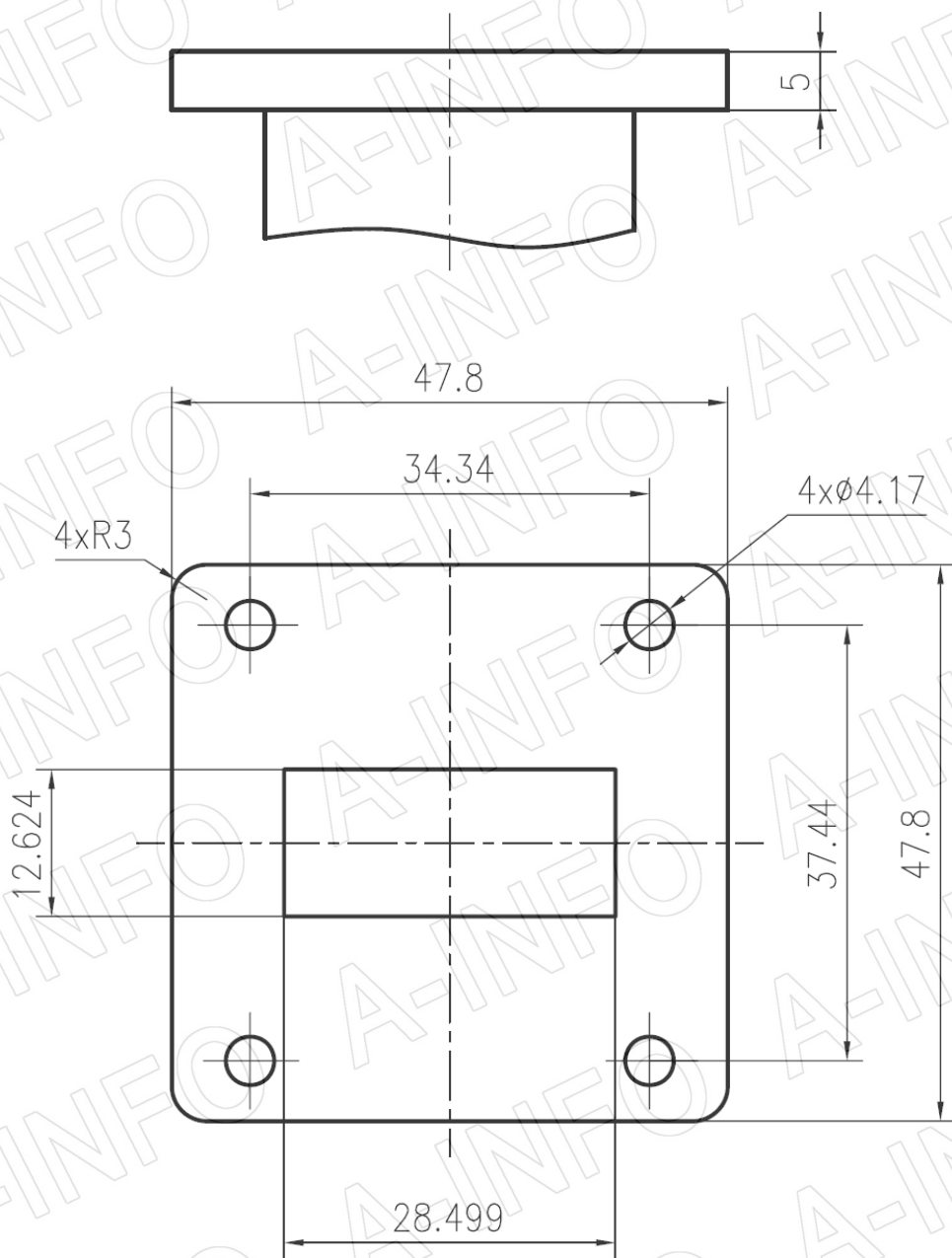


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-112-10-C-MBL & LB-112-20-C-NFSPO, Outdoor Application)

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



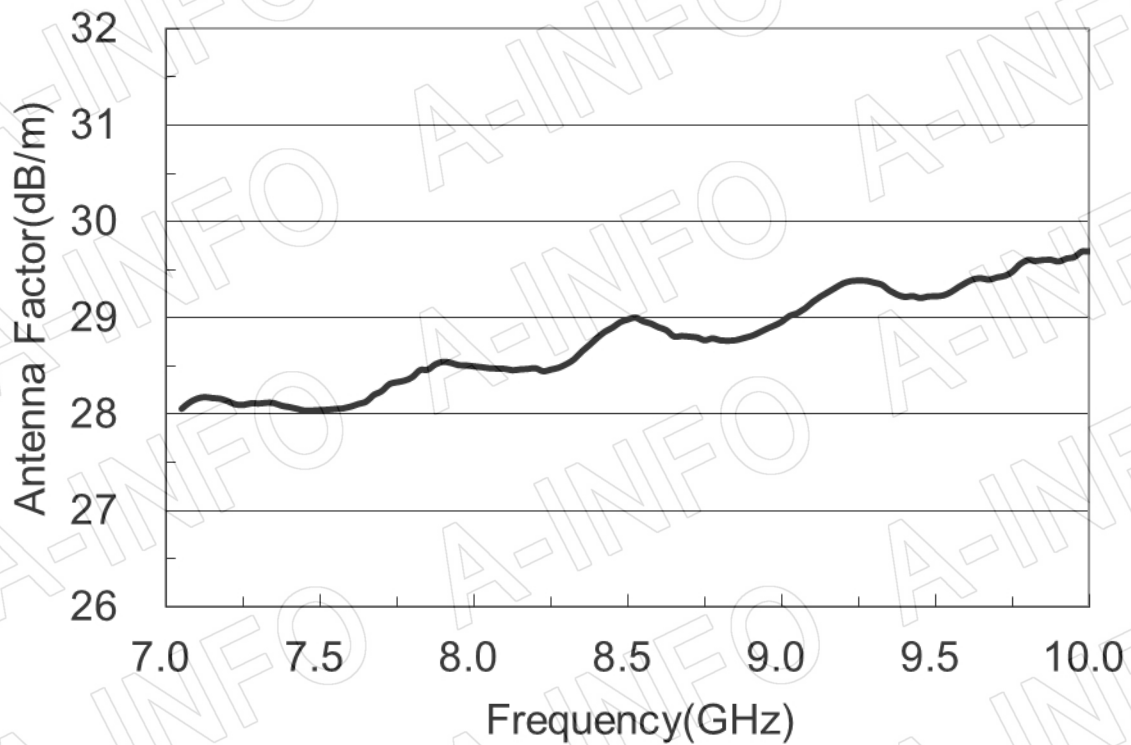
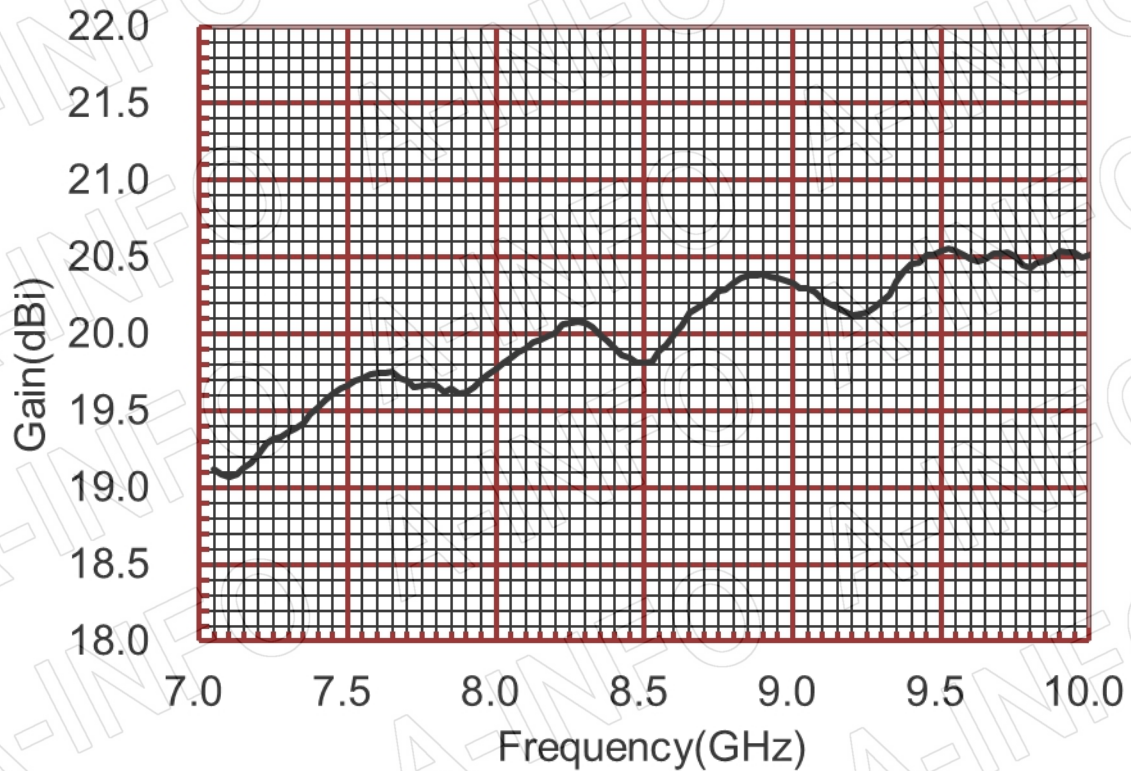
Flange Drawing (Size: mm)



FBP84

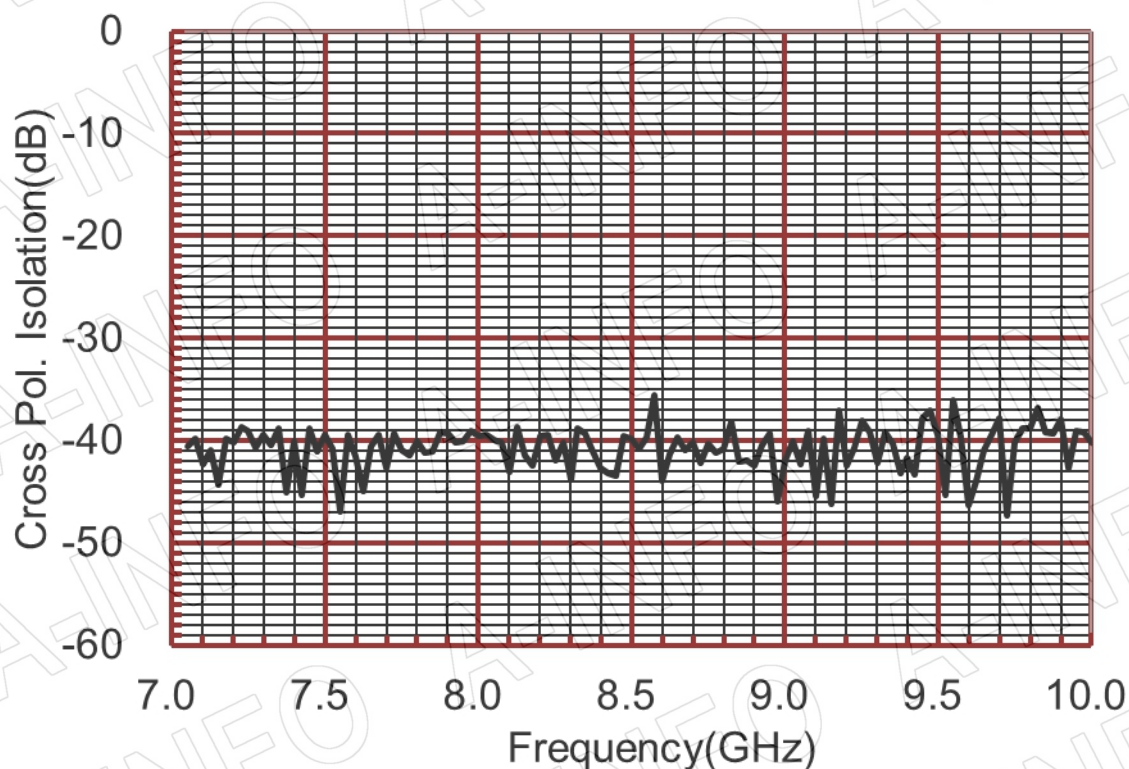
Test Results

1. Gain & Antenna Factor

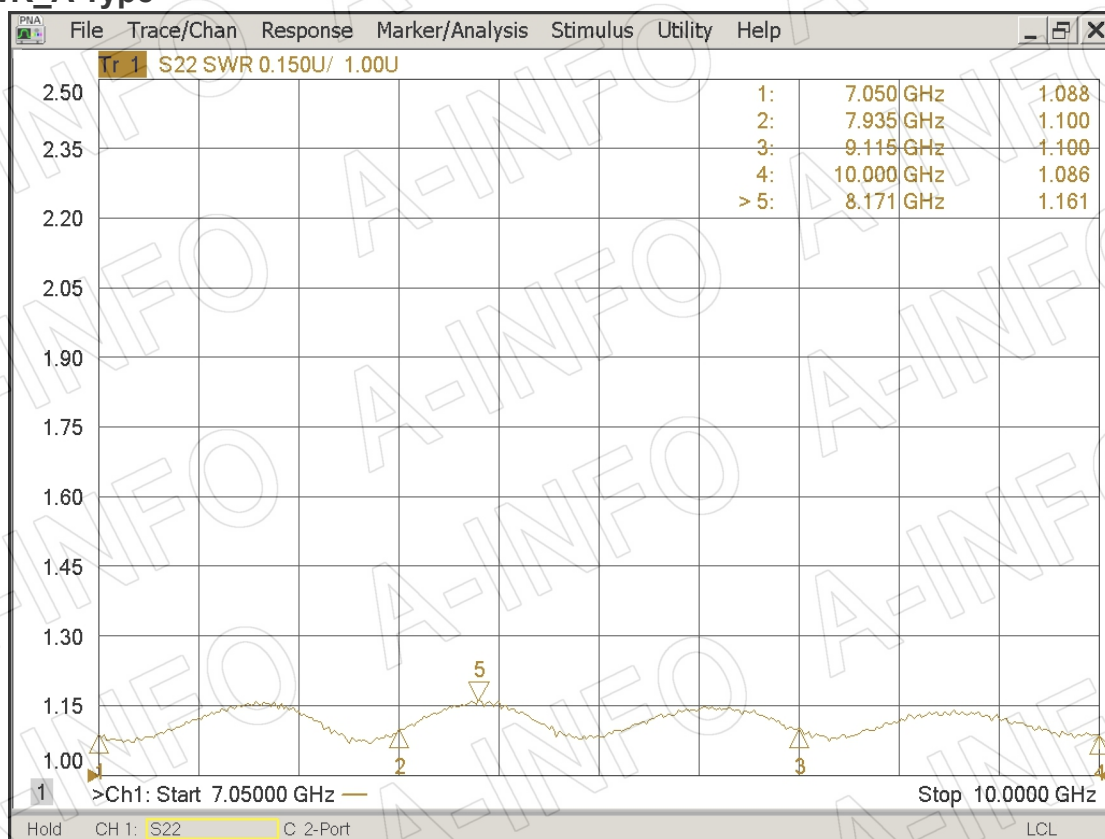


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
7.05	19.12	28.06
7.25	19.32	28.10
7.50	19.67	28.05
7.75	19.66	28.33
8.00	19.77	28.50
8.25	20.07	28.47
8.50	19.81	28.98
8.75	20.28	28.77
9.00	20.33	28.96
9.25	20.14	29.39
9.50	20.54	29.23
9.75	20.51	29.48
10.00	20.52	29.69

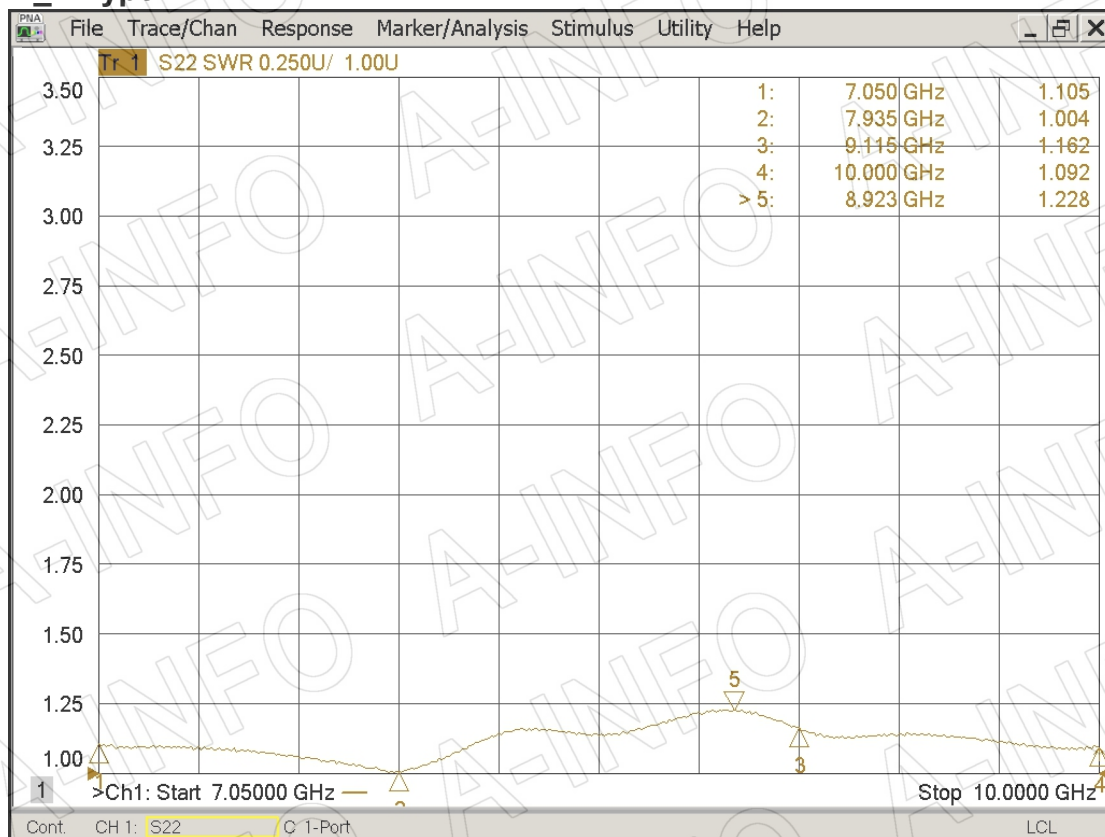
2. Cross Polarization Isolation



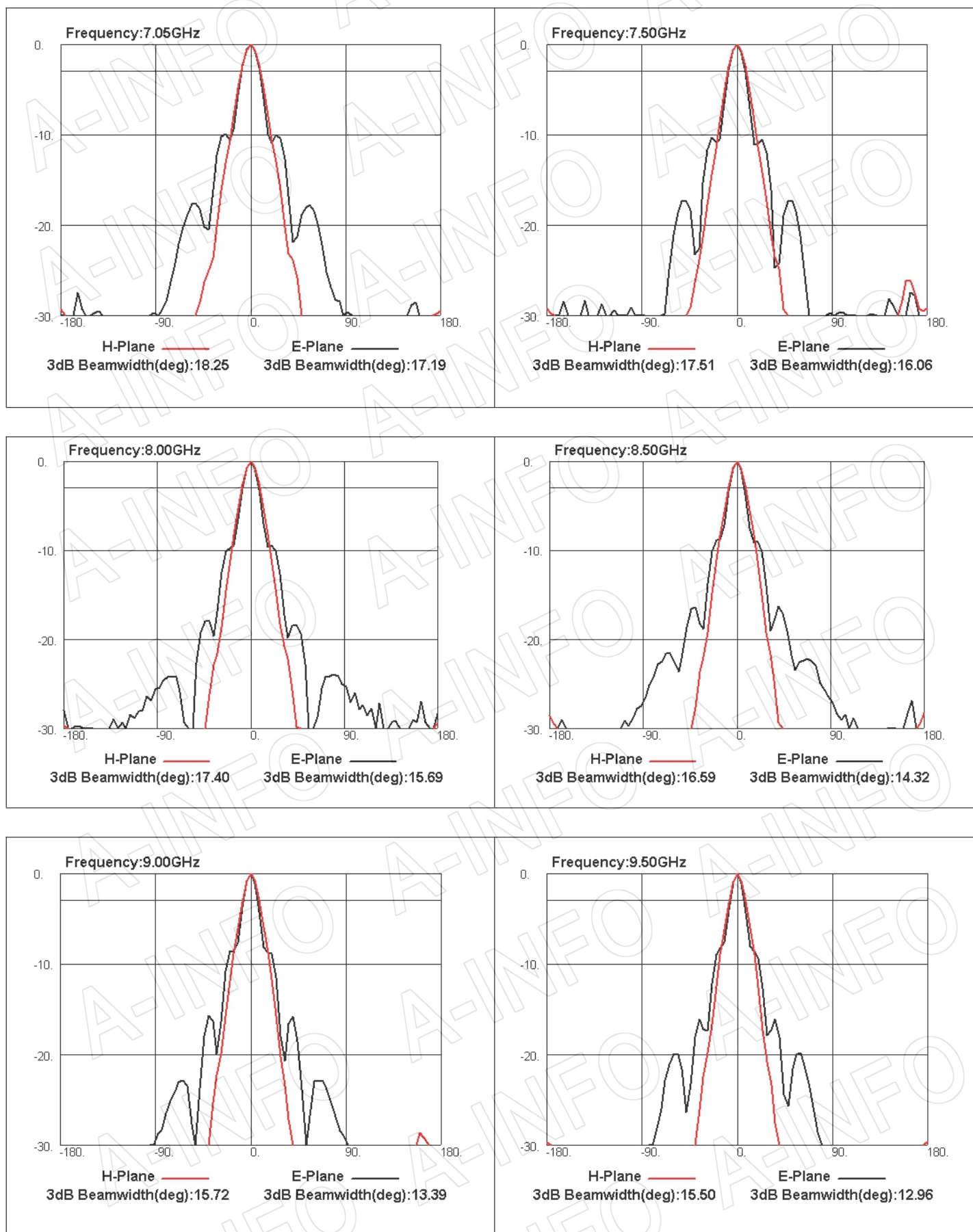
3. VSWR_A Type



VSWR_C Type



4. Pattern



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Page 10 of 11

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

