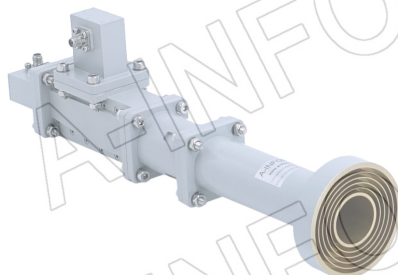


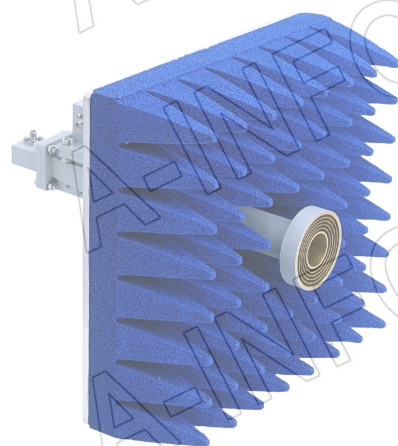
For reference only. See data sheet for the detailed specifications.

Technical Specification

LB-ACH-90-10-T16-C-SF



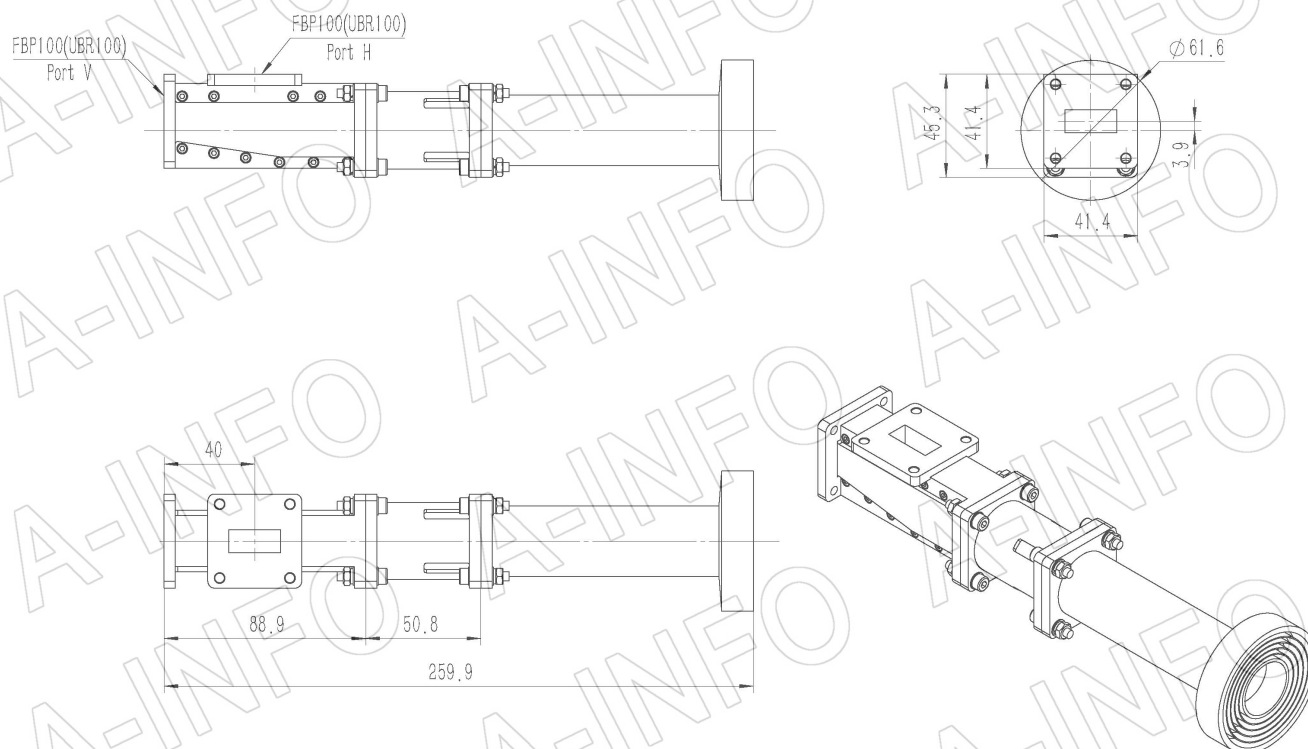
LB-ACH-90-10-T16-C-SF-A1



Frequency Range(GHz)	8.9 – 11.7
Waveguide	WR90
Gain(dBi)	10 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 53 Typ.
	H Plane: 55 Typ.
10dB Beamwidth(deg)	E Plane: 99 Typ.
	H Plane: 102Typ.
Cross Pol. Isolation(dB)	45 Typ.
Port to Port Isolation(dB)	50 Typ. ; 40 Min.
VSWR	A Type: 1.40:1 Typ.
	C Type: 1.50:1 Typ.
Output	A Type: FBP100(UBR100)
	SMA-Female
	or N-Female
	C Type: or TNC-Female
	or 7mm
	or 3.5mm-Female
Material	Al
Finish	Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 61.6 x 61.6 x 259.9
	C Type: 61.6 x 93.4 x 297.9
	A-A1: 266.4 x 266.4 x 259.9
	C-A1: 266.4 x 266.4 x 297.9
Net Weight(Kg)	A Type: 0.46 Around
	C Type: 0.58 Around
	A-A1: 1.82 Around
	C-A1: 1.94 Around

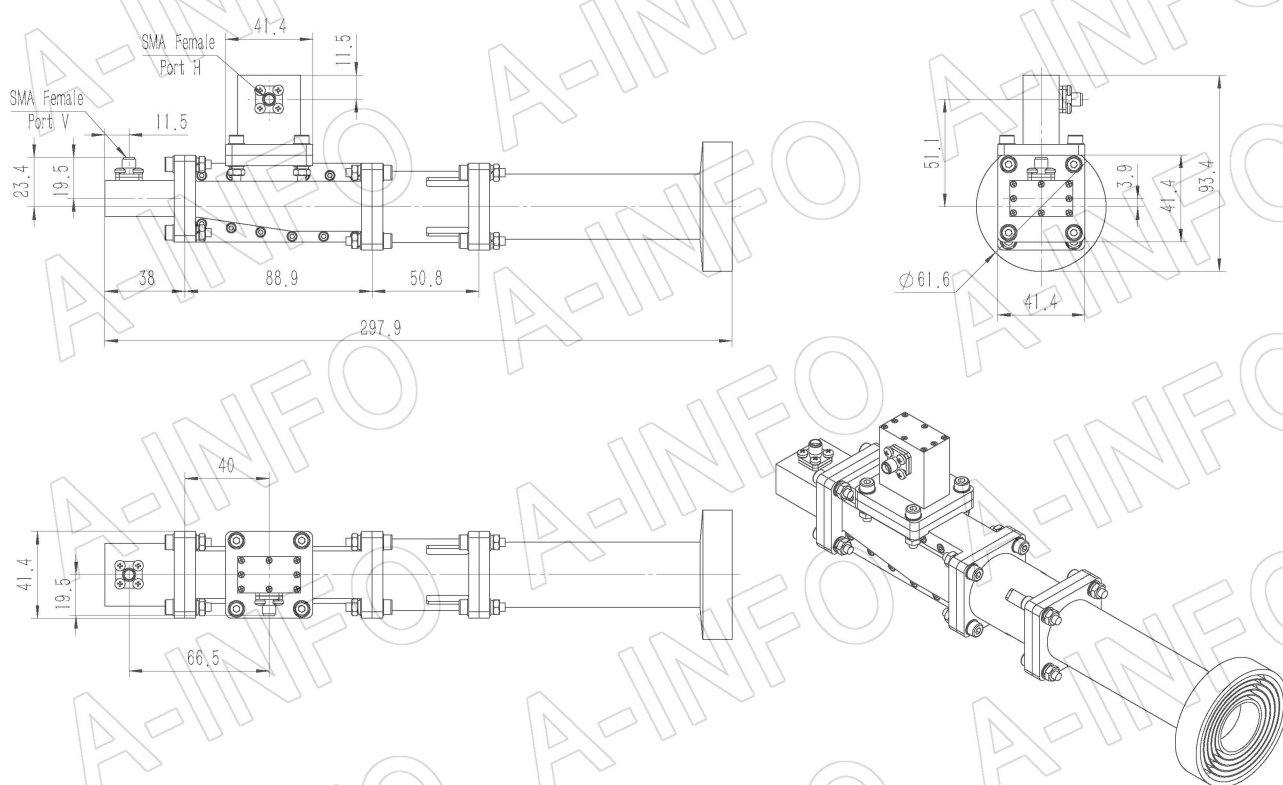
Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-ACH-90-10-T16-A)



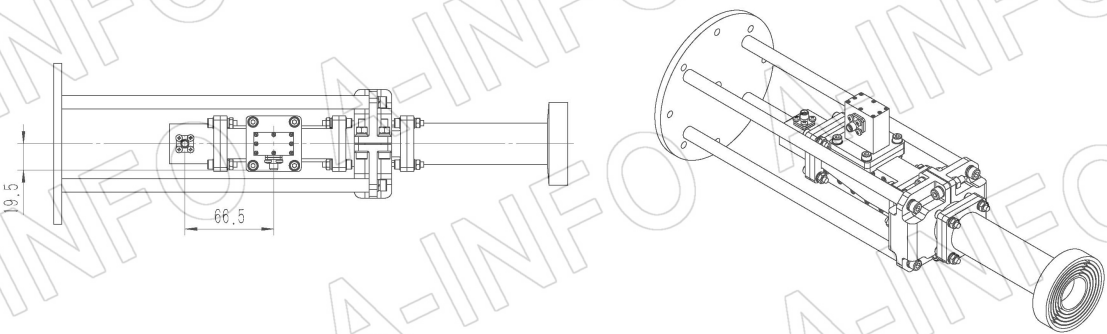
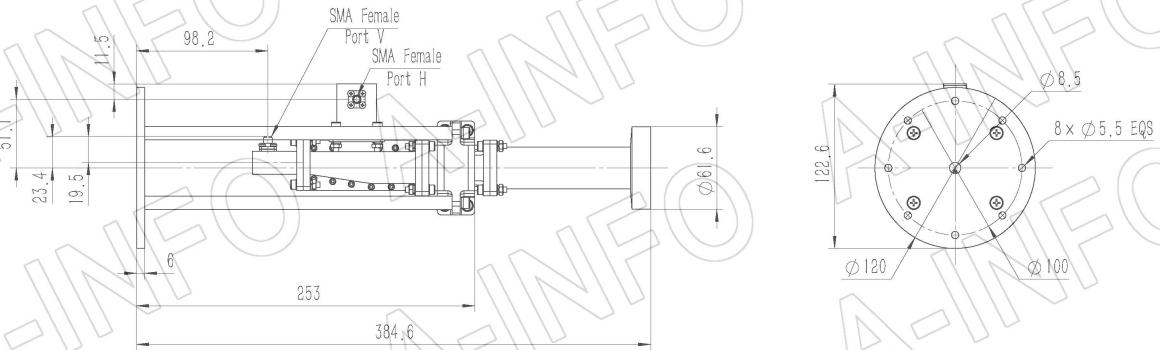
SMA-Female Output (P/N: LB-ACH-90-10-T16-C-SF)

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



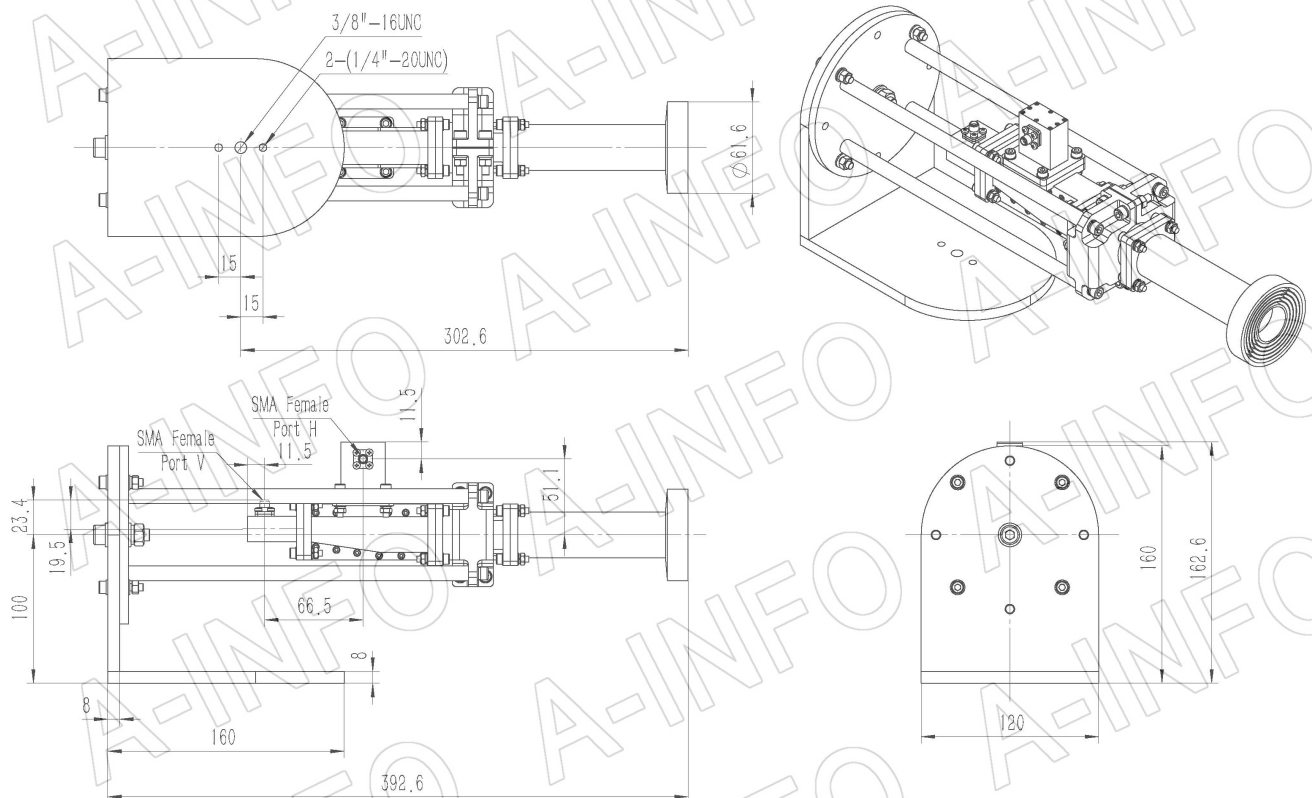
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-10-MB)

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

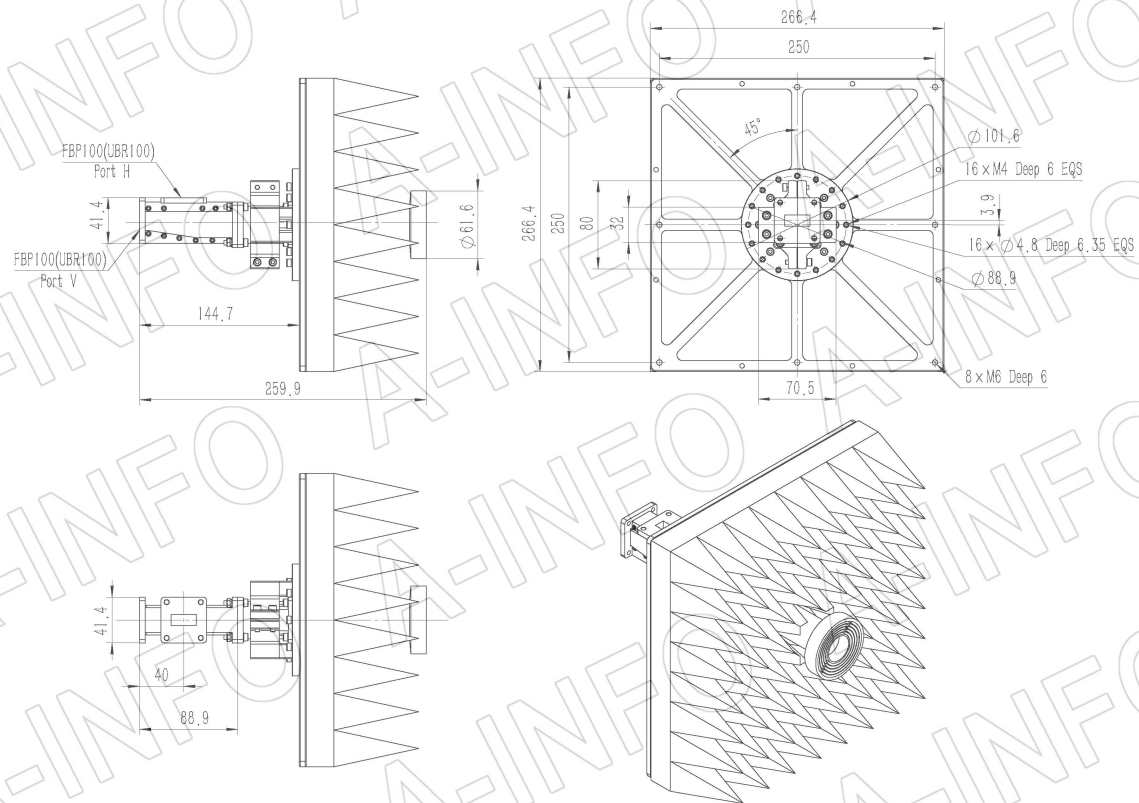


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-90-10-MBL)

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

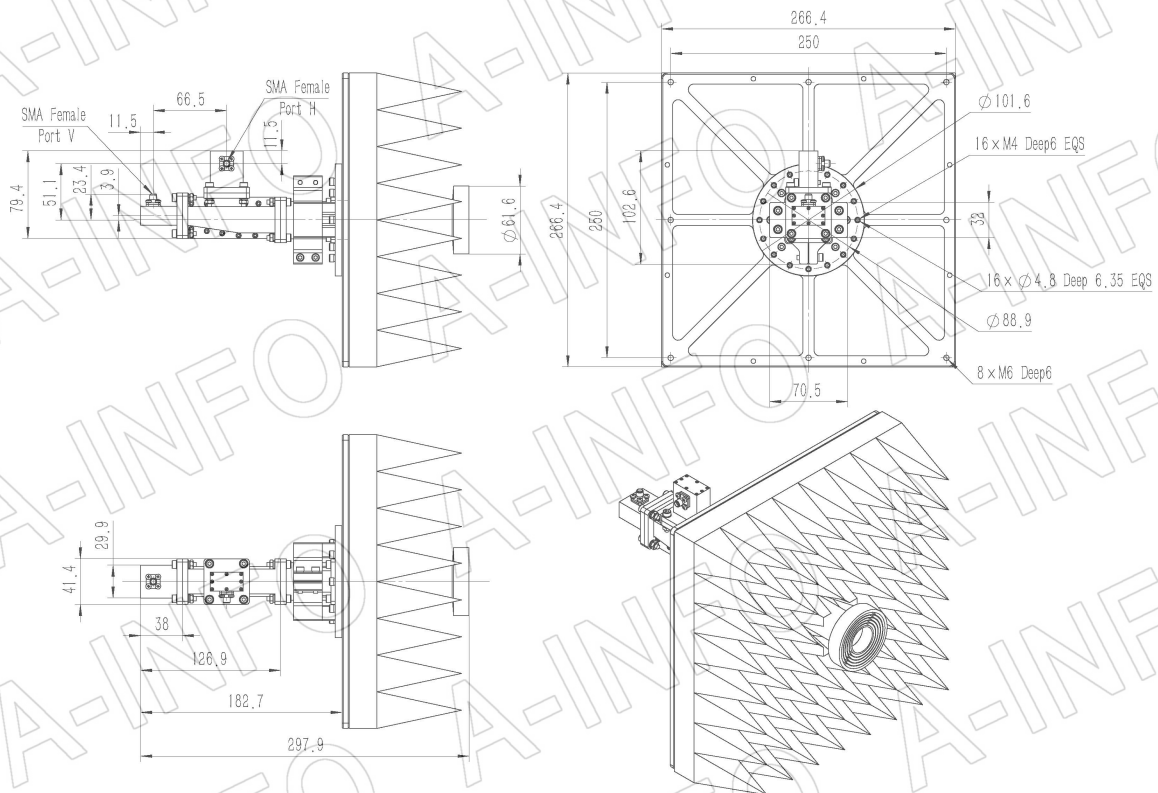


FBP100 Output, Equipped with Absorber (Option, P/N: LB-ACH-90-10-T16-A-A1)



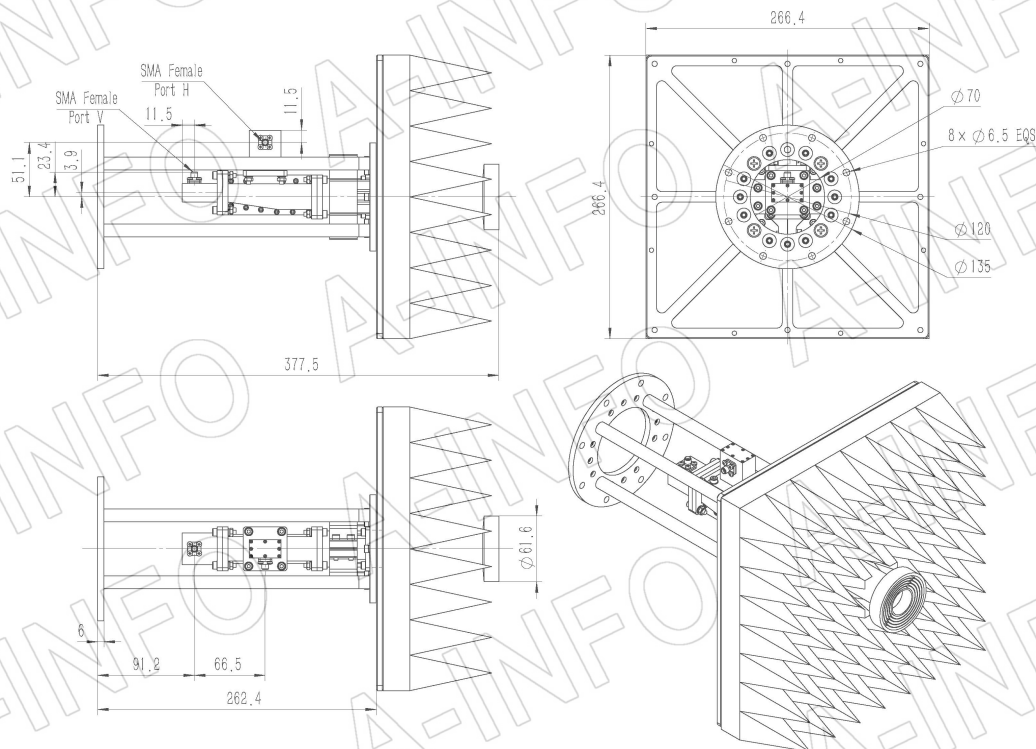
SMA-Female Output, Equipped with Absorber (Option, P/N: LB-ACH-90-10-T16-C-SF-A1)

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



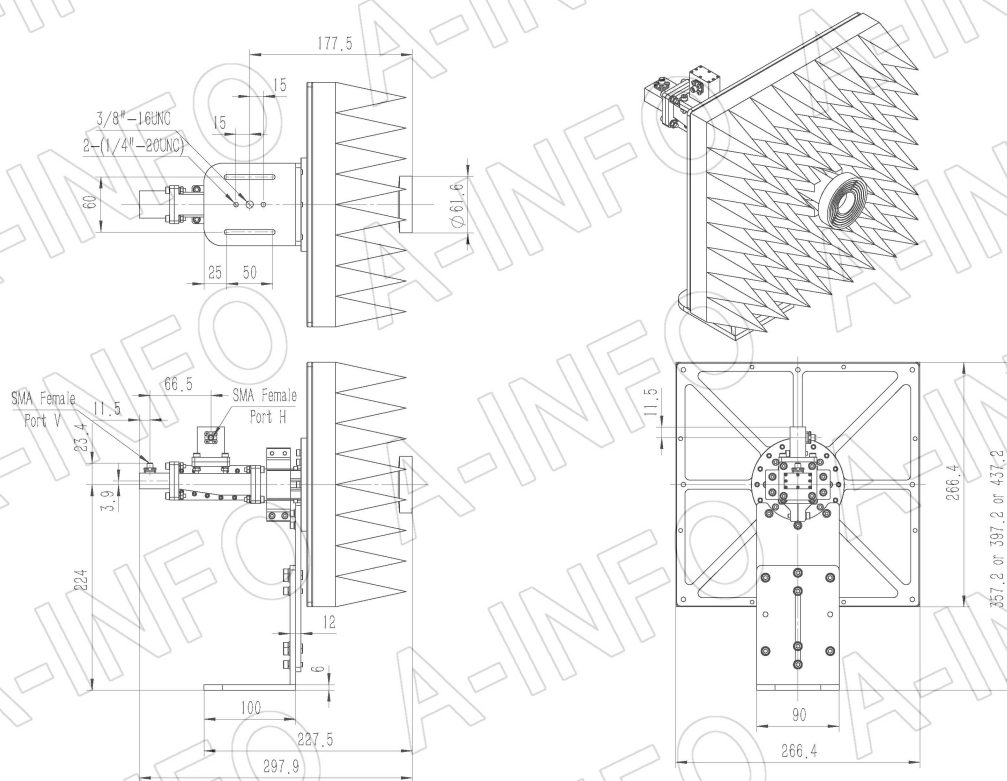
SMA-Female Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & LB-ACH-90-10-T16-C-SF-A1)

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

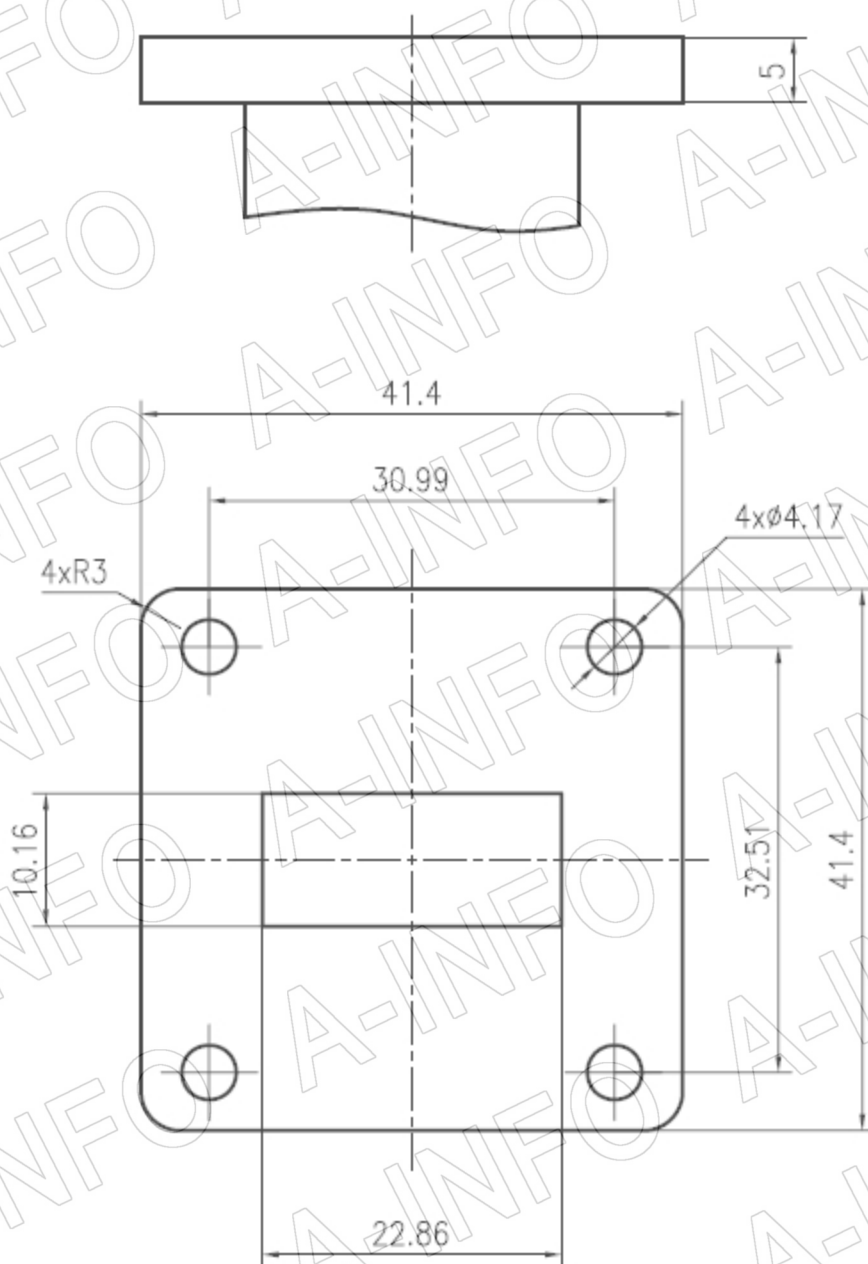


SMA-Female Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & LB-ACH-90-10-T16-C-SF-A1)

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



Flange Drawing (Size: mm)



FBP100

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

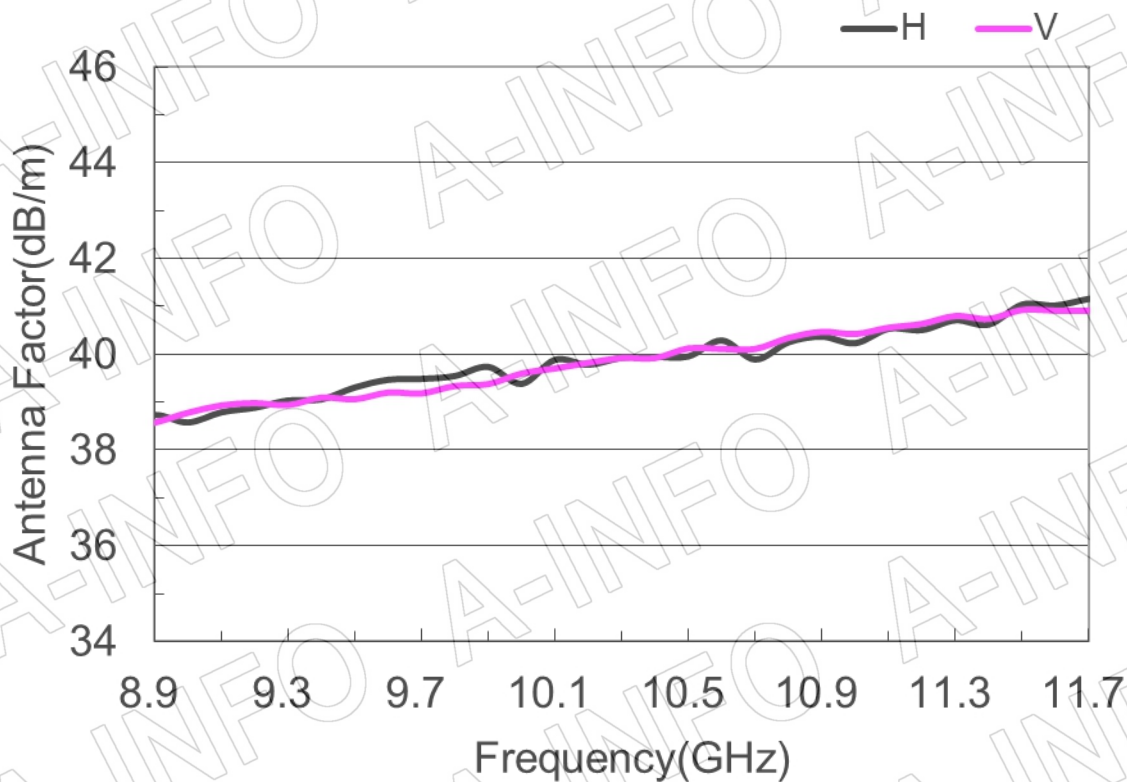
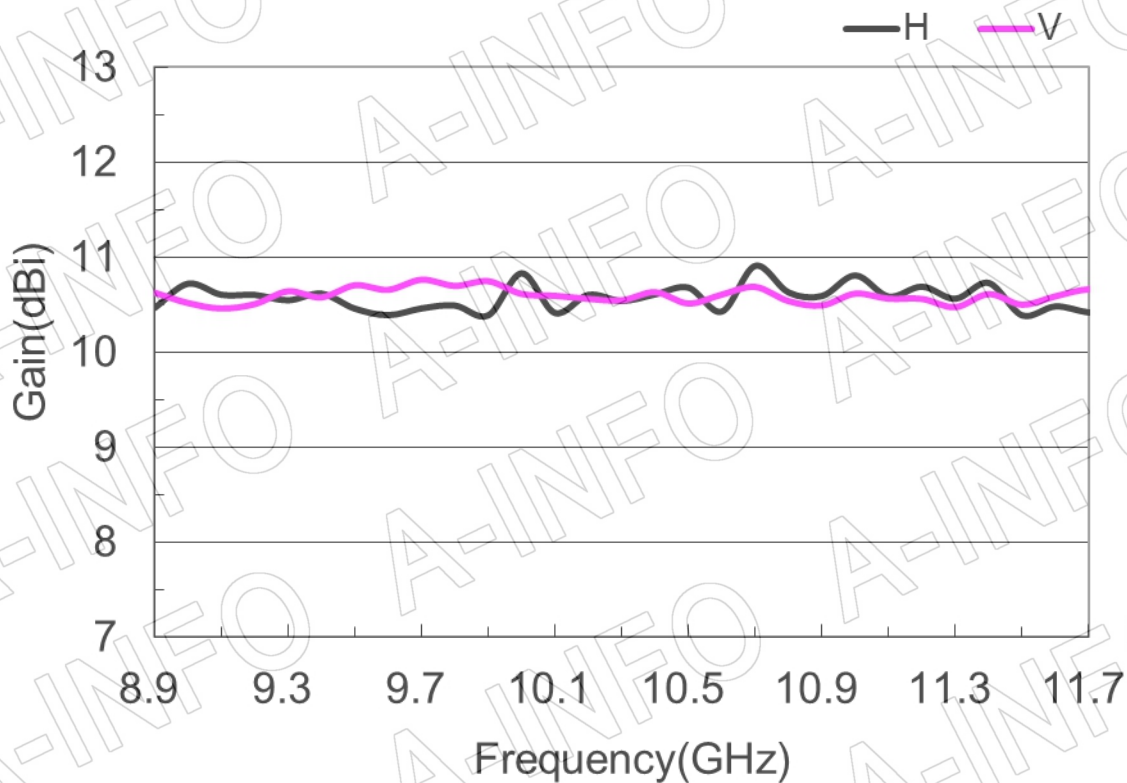
Page 6 of 12

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

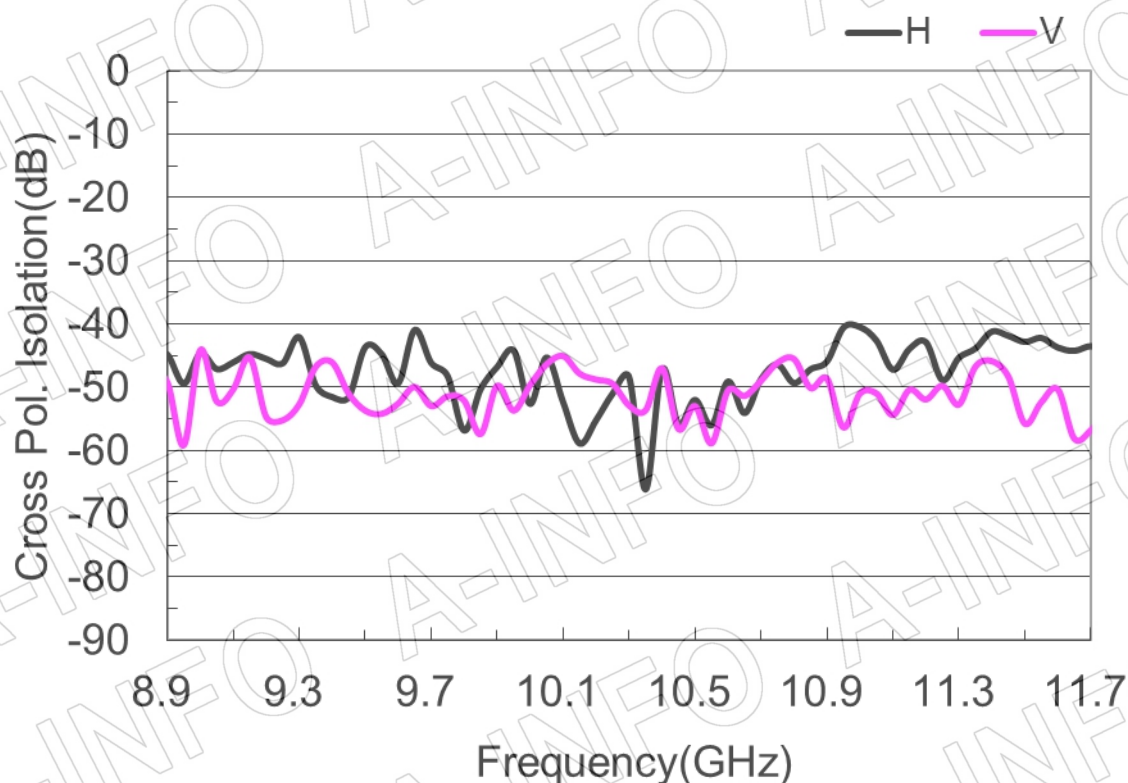
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

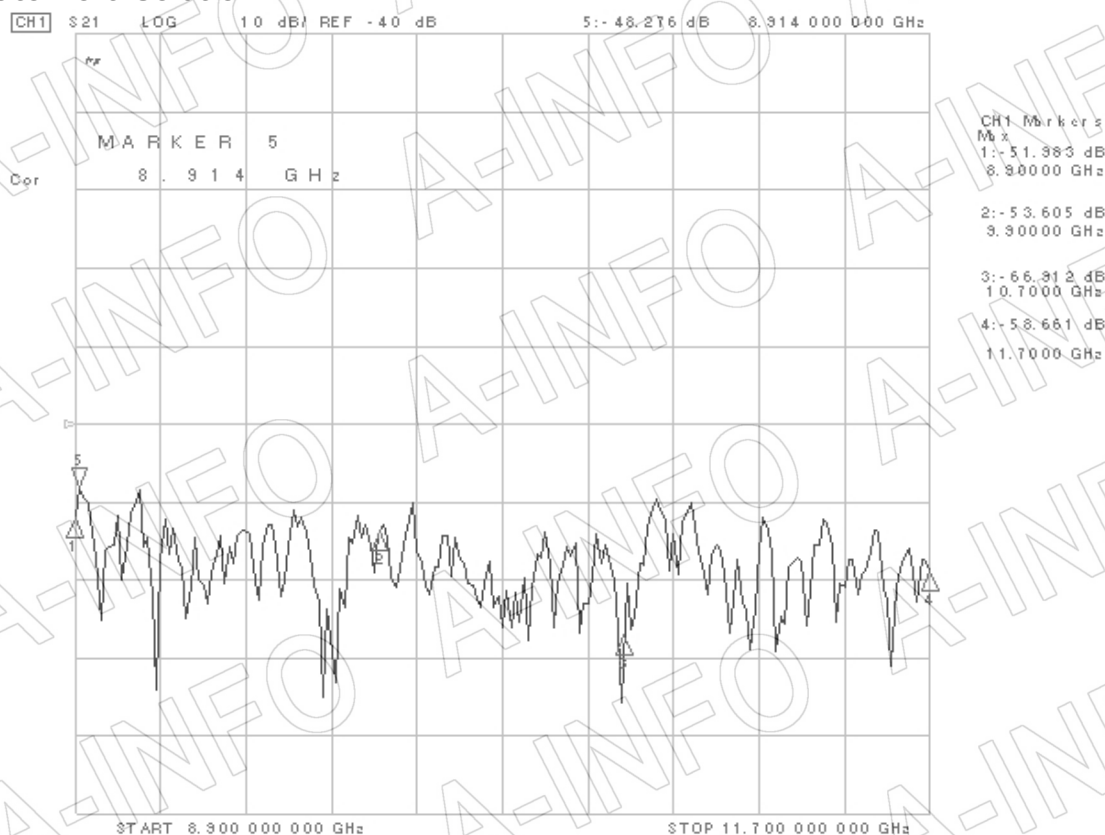
1. Gain & Antenna Factor



2. Cross Polarization Isolation

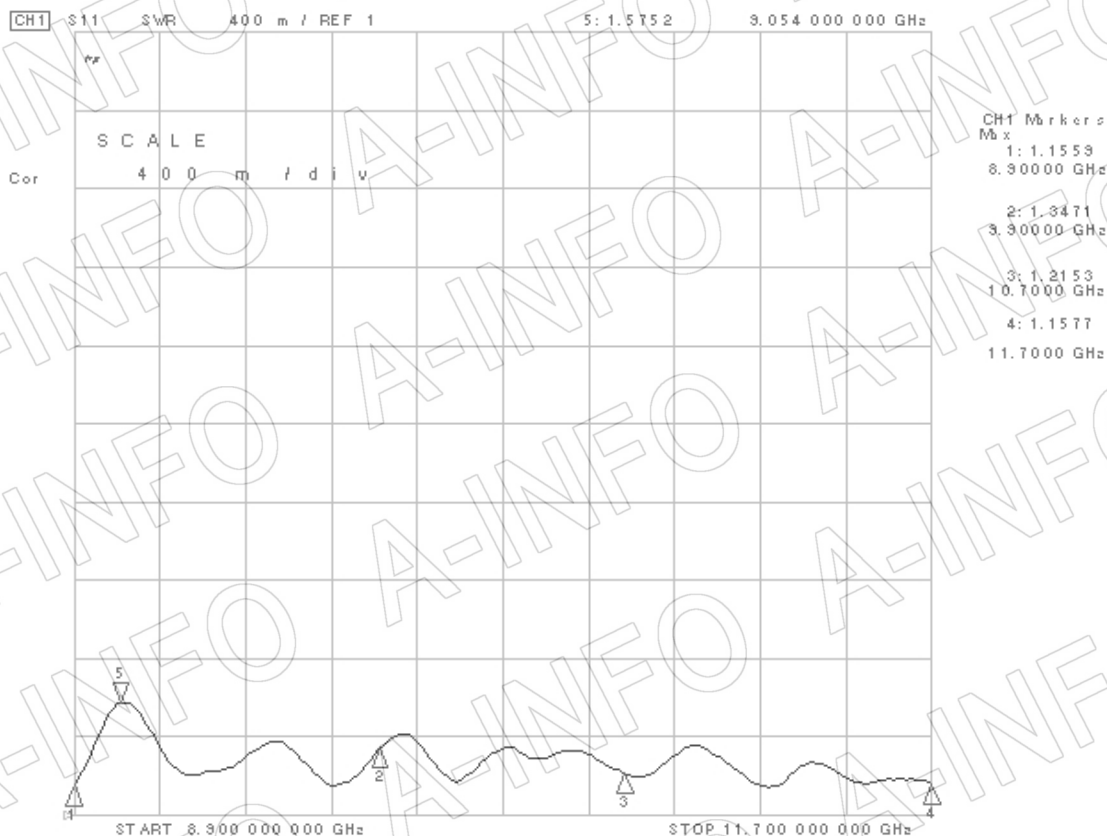


3. Port to Port Isolation

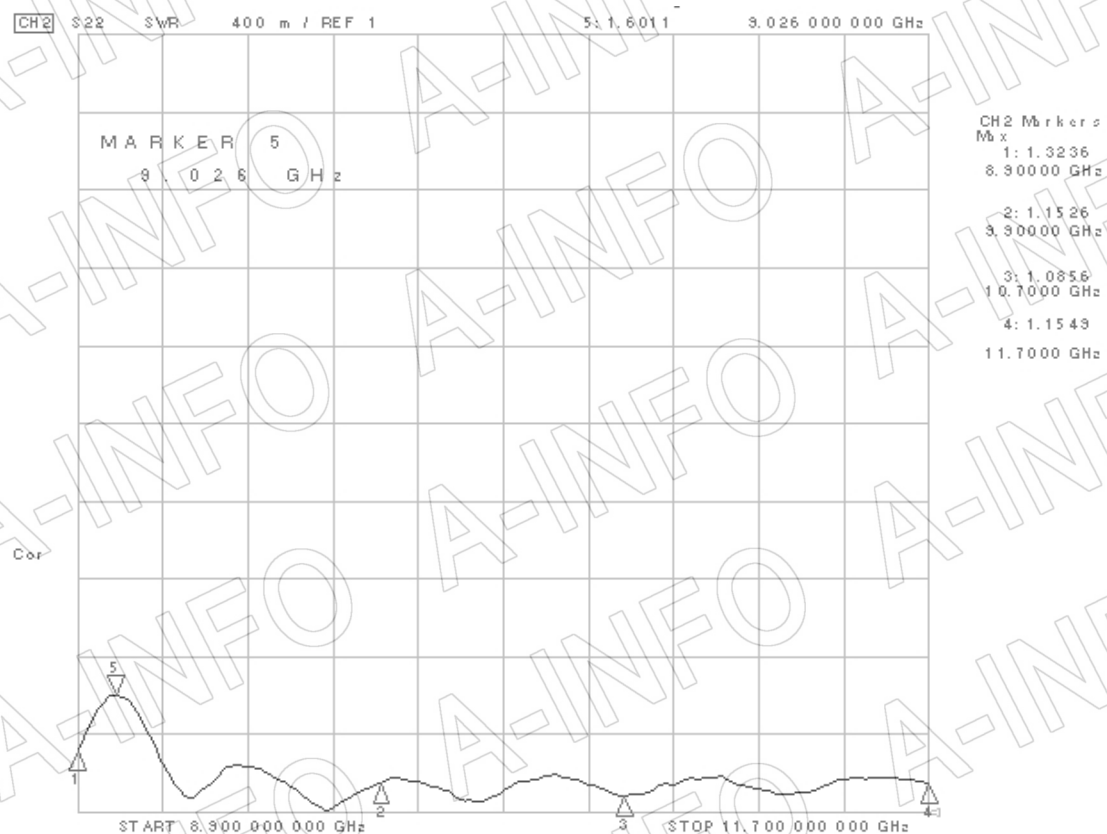


4. VSWR_A Type

Port-H



Port-V



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

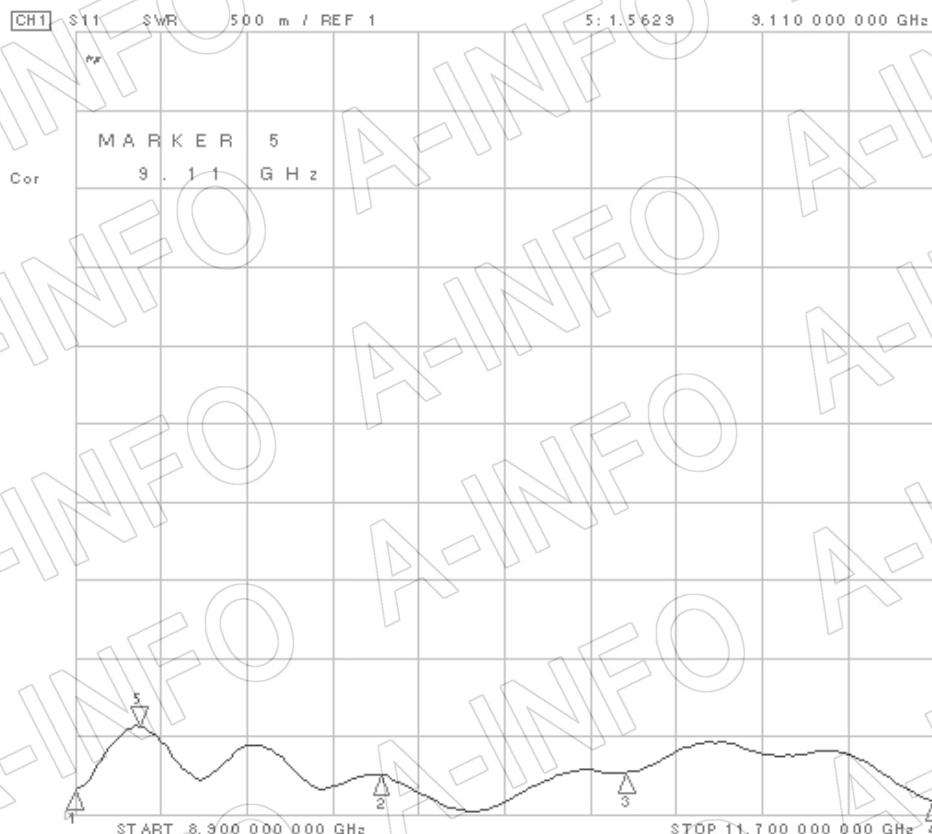
Page 9 of 12

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

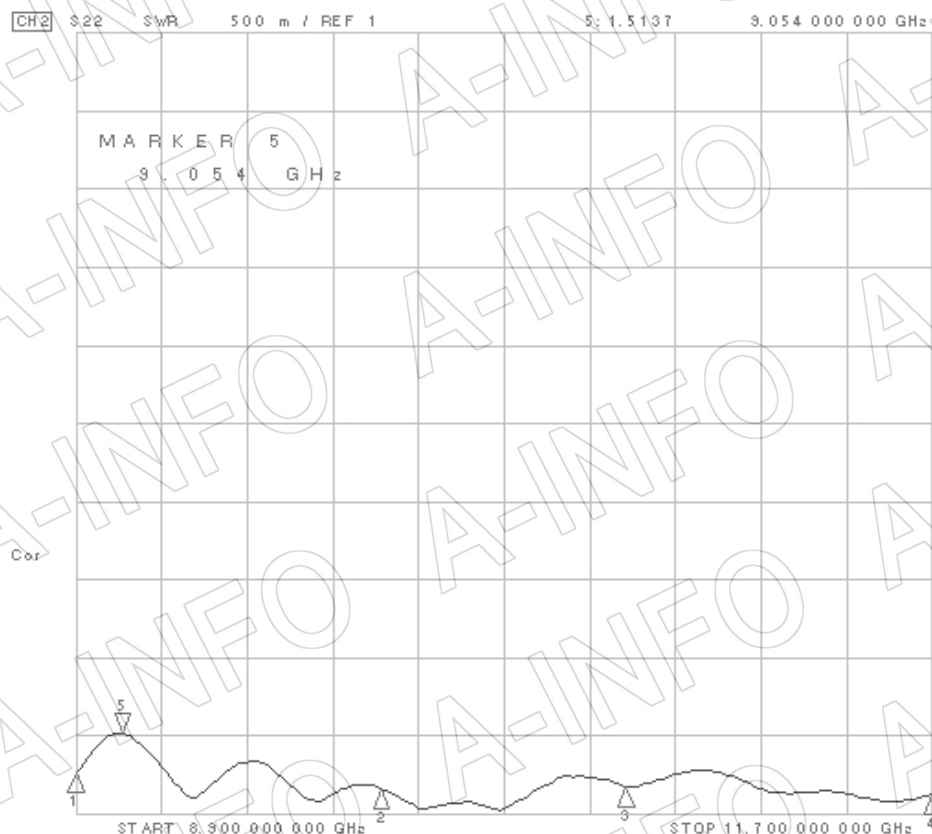
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

VSWR_C Type

Port-H



Port-V



AINFO Inc.

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

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

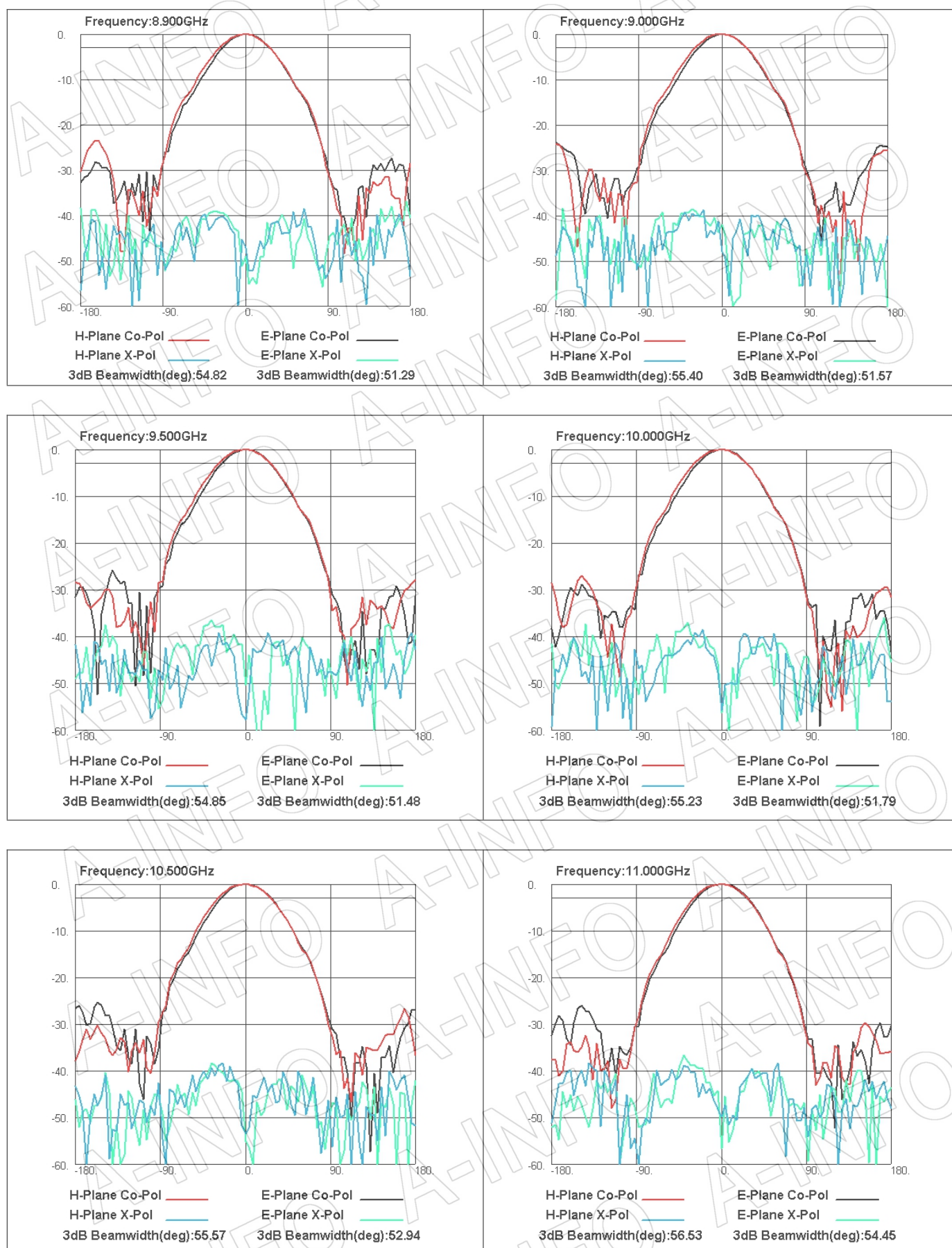
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Page 10 of 12

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

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

5. 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 11 of 12

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

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

