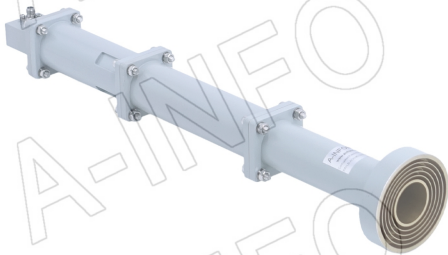


For reference only. See data sheet for the detailed specifications.

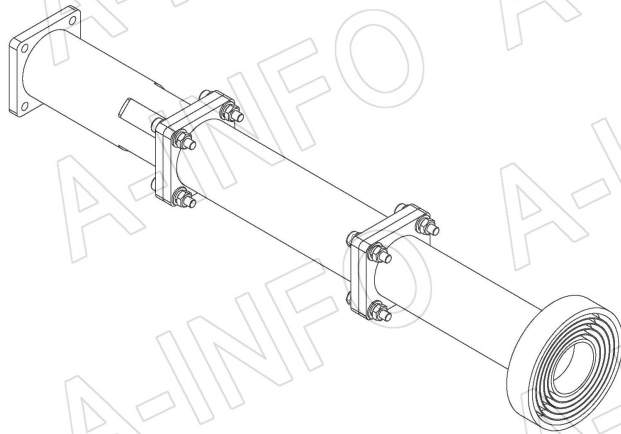
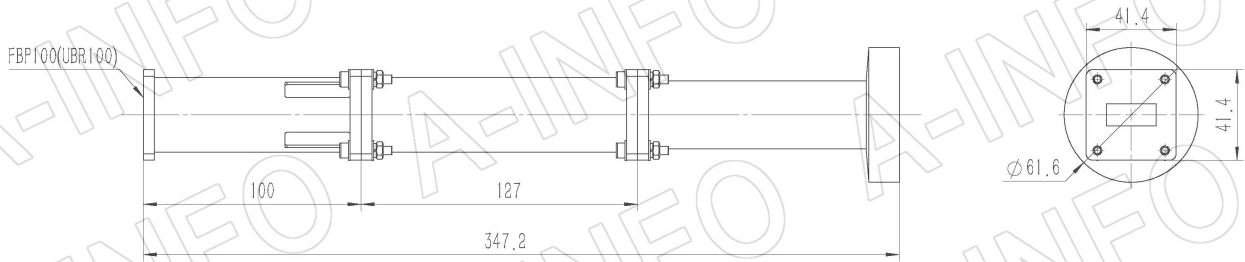
Technical Specification



Frequency Range(GHz)	8.9 – 11.7
Waveguide	WR90
Gain(dBic)	10 Typ.
Polarization	RHCP
Axial Ratio(dB)	1.0 Typ. ; 2.0 Max.
3dB Beamwidth(deg)	E Plane: 58 Typ.
	H Plane: 58 Typ.
10dB Beamwidth(deg)	E Plane: 105 Typ.
	H Plane: 108 Typ.
VSWR	A Type: 1.10:1 Typ.
	C Type: 1.20:1 Typ.
Output	A Type: FBP100(UBR100)
	C Type: SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 61.6 x 61.6 x 347.2
	C Type: 61.6 x 61.6 x 385.2
Net Weight(Kg)	A Type: 0.51 Around
	C Type: 0.58 Around

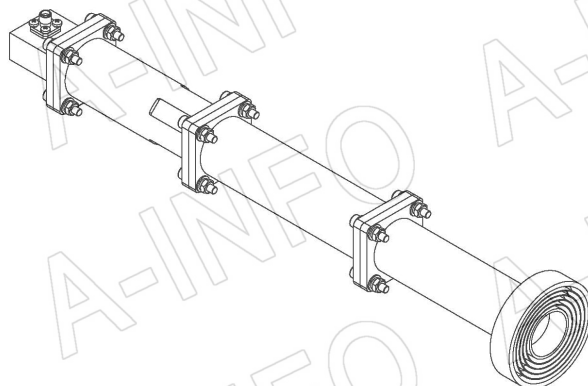
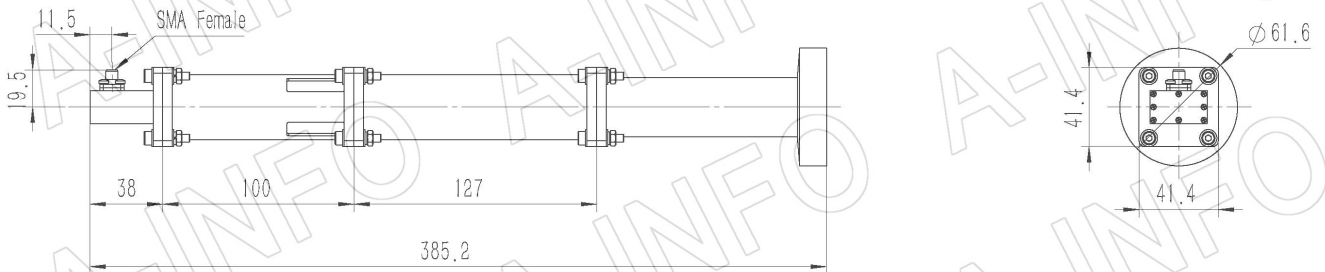
Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-ACH-90-10-R16-A)



SMA-Female Output (P/N: LB-ACH-90-10-R16-C-SF)

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



AINFO Inc.

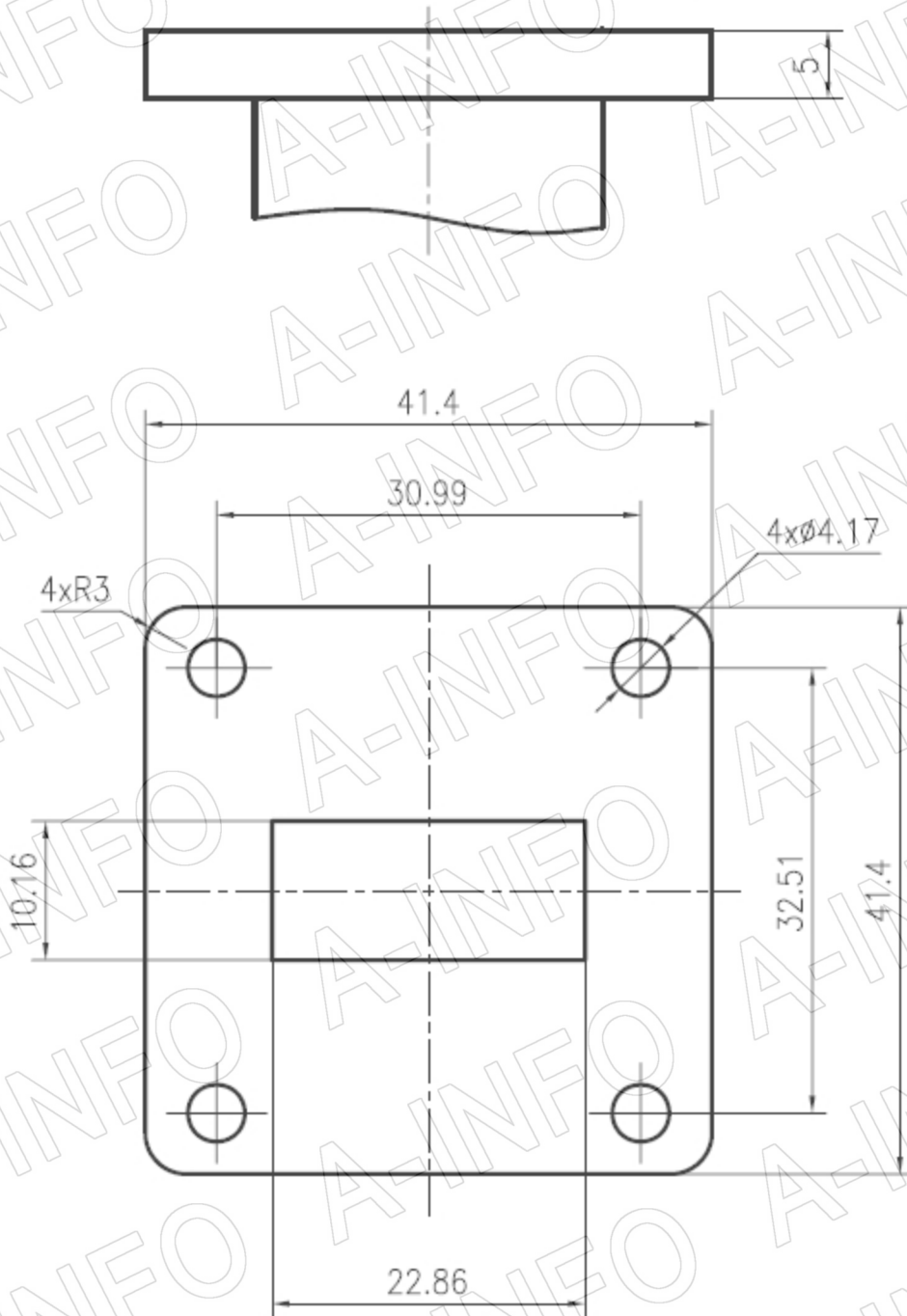
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA: Tel: (+1) 949-639-9688,

Page 2 of 7

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

Flange Drawing (Size: mm)



FBP100

AINFO Inc.

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

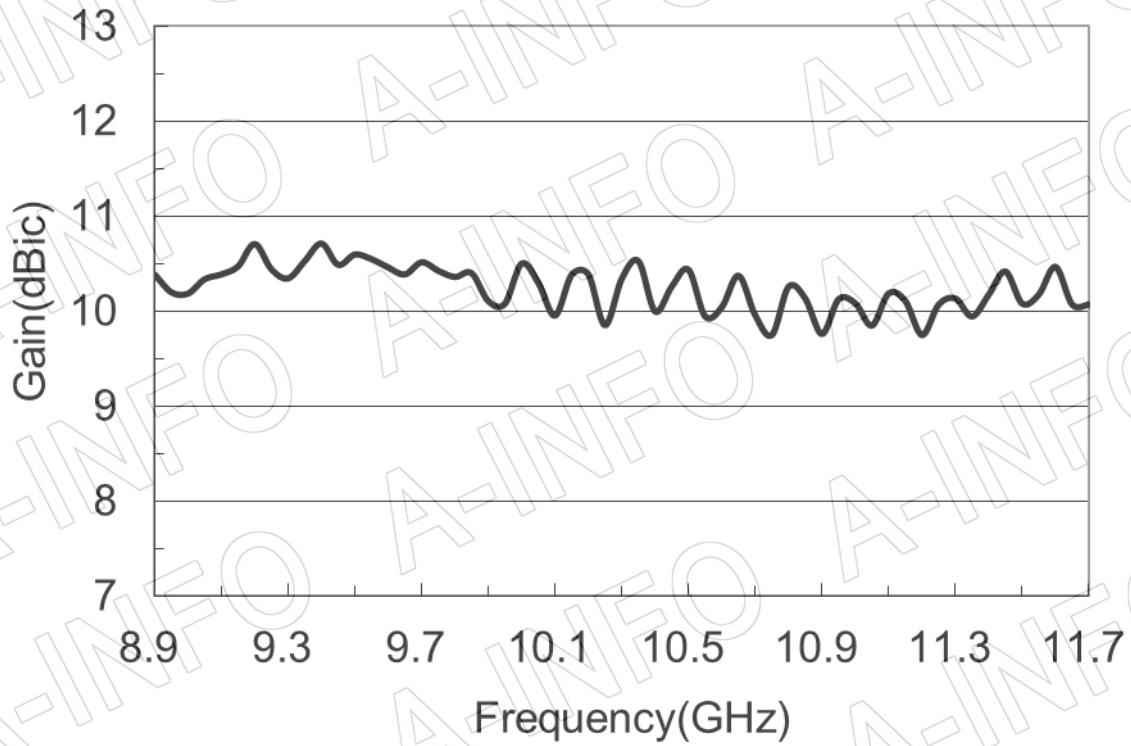
Page 3 of 7

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

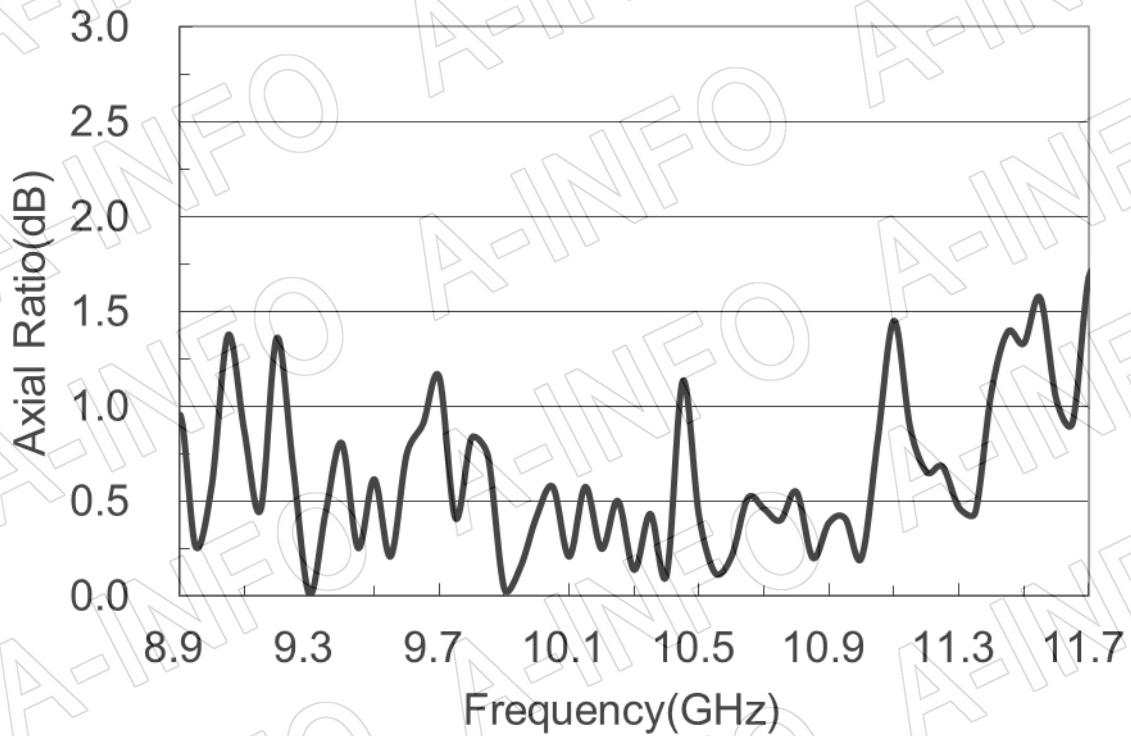
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

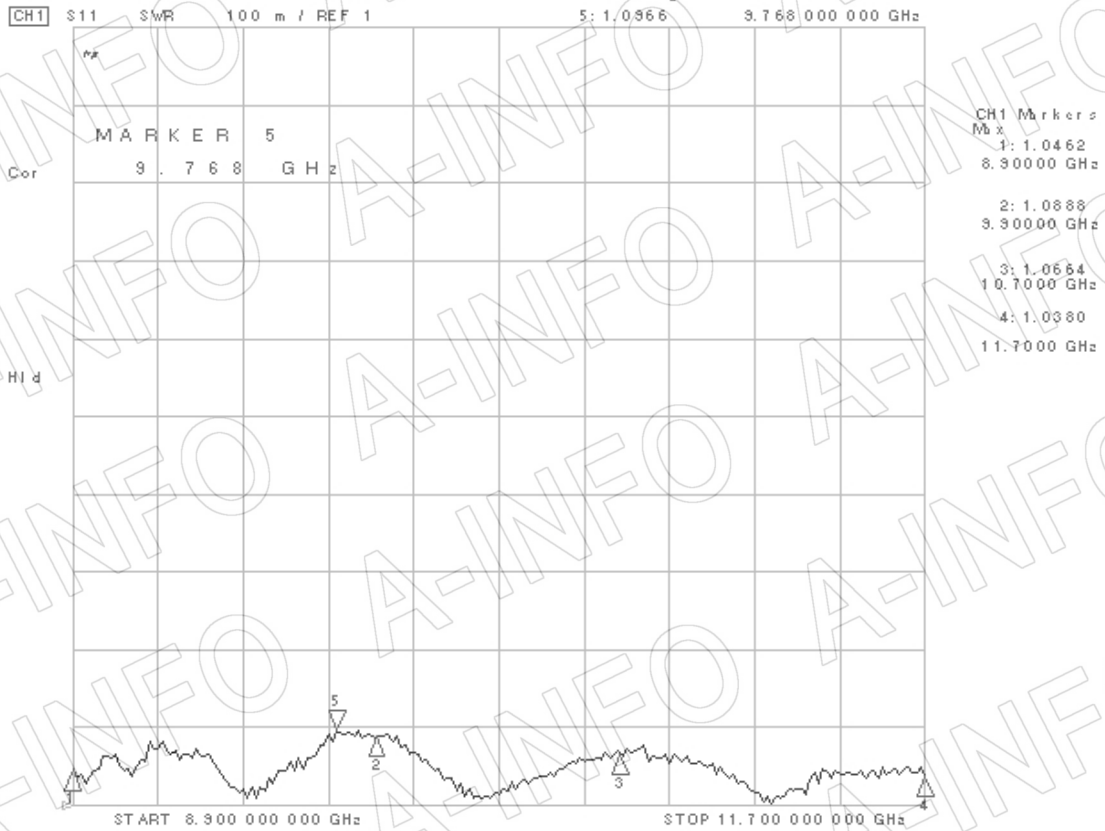
1. Gain



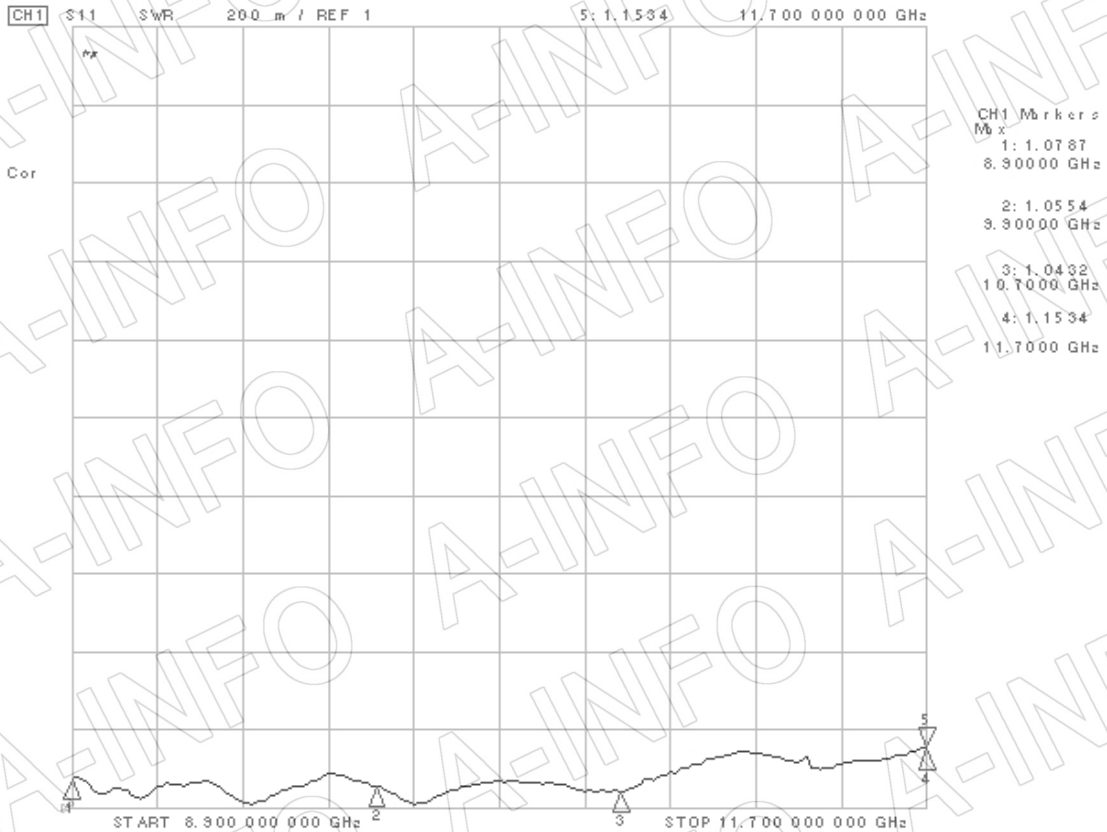
2. Axial Ratio



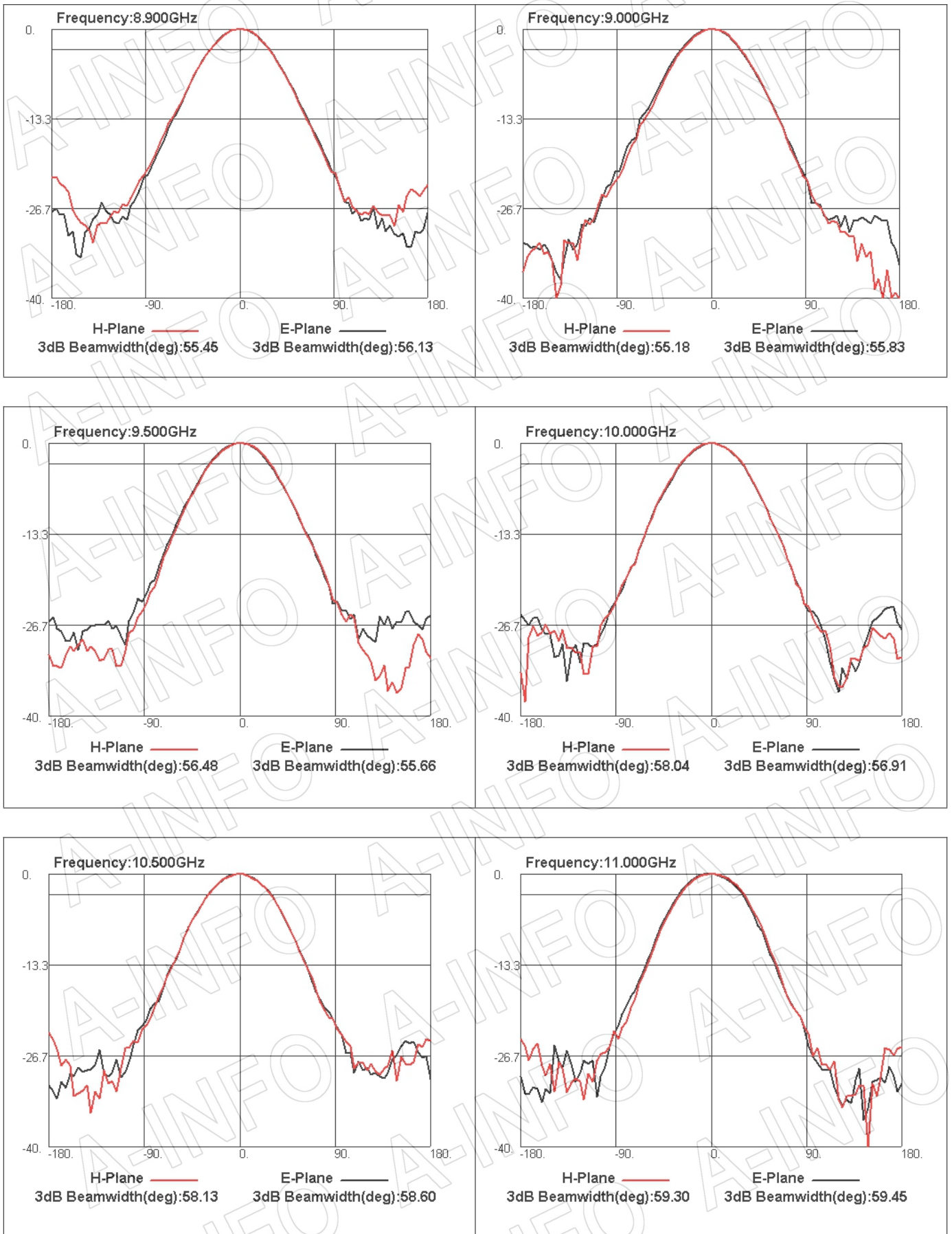
3. VSWR_A Type



VSWR_C Type



4. Pattern



AINFO Inc.

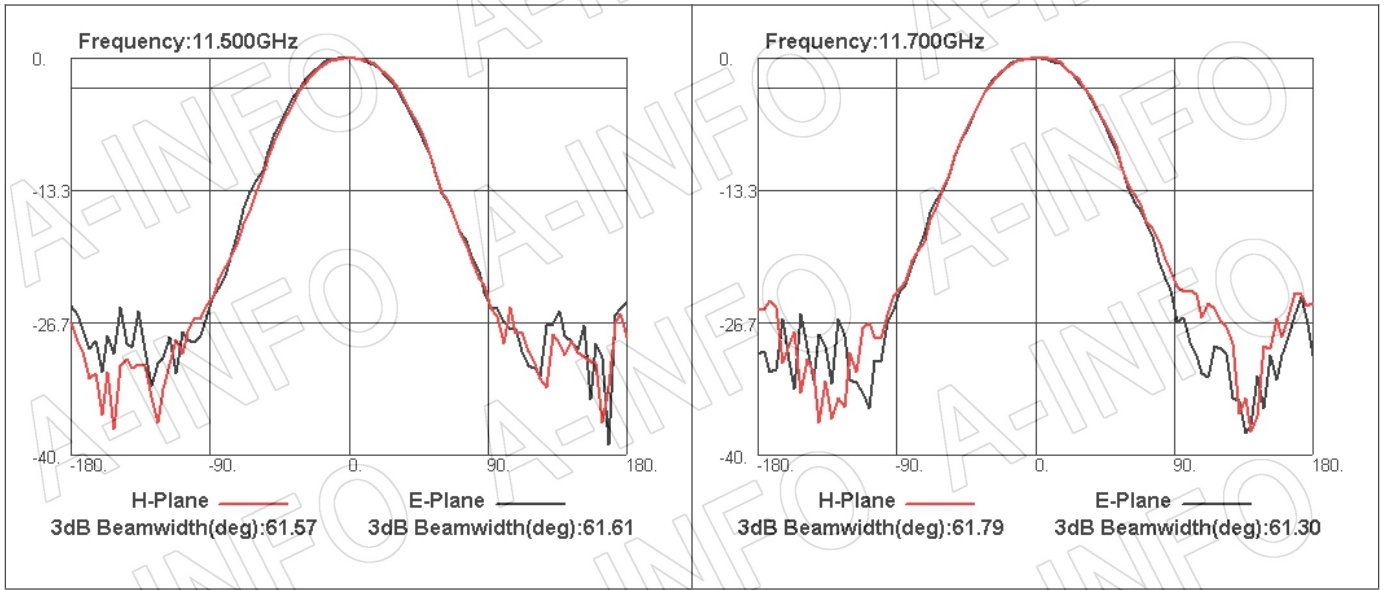
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA: Tel: (+1) 949-639-9688,

Page 6 of 7

(+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



AINFO Inc.

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

Page 7 of 7

(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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