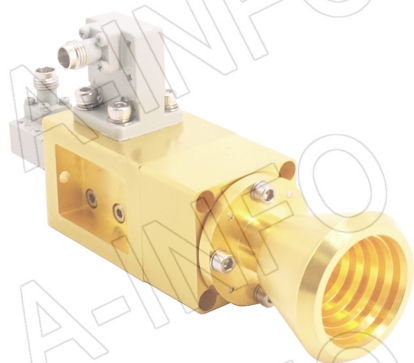


For reference only. See data sheet for the detailed specifications.

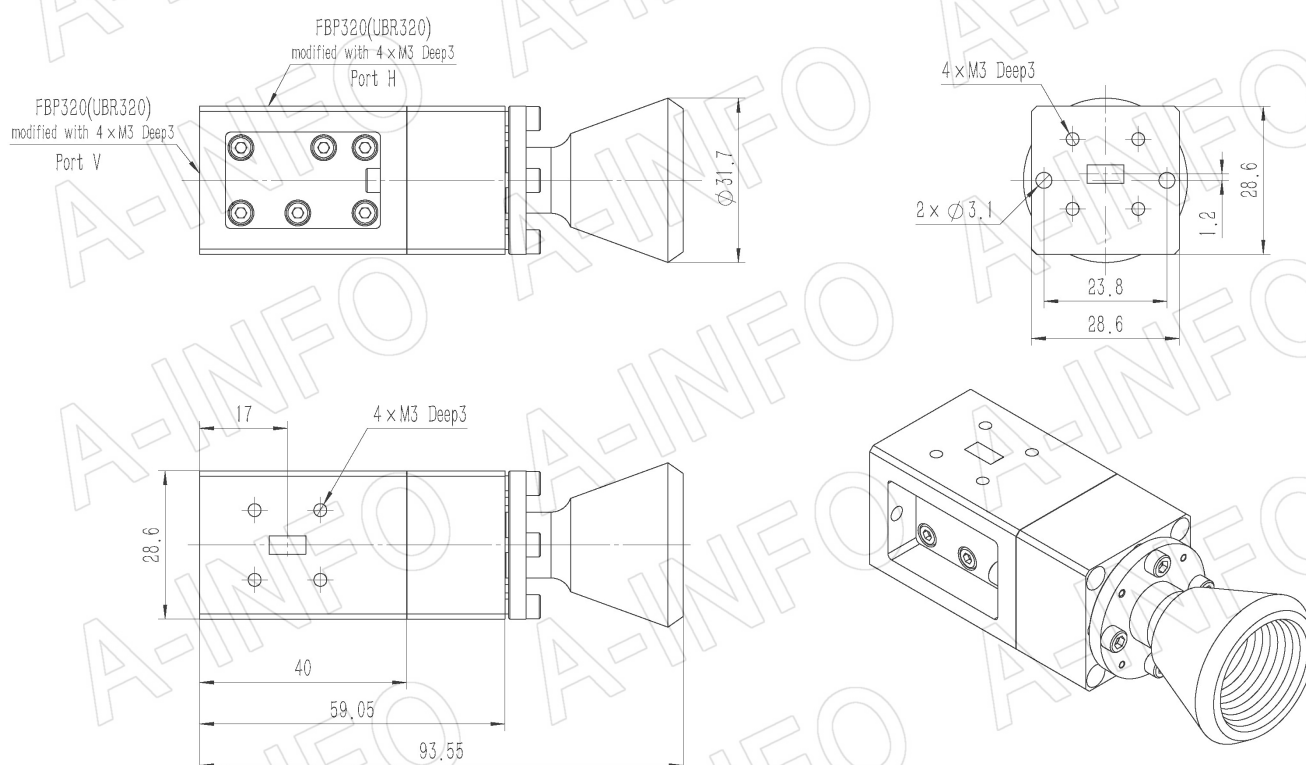
Technical Specification



Frequency Range(GHz)	26.0 – 35.0
Waveguide	WR28
Gain(dBi)	15 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 29 Typ.
	H Plane: 28 Typ.
Cross Pol. Isolation(dB)	40 Typ.
Port to Port Isolation(dB)	40 Typ. ; 30 Min.
VSWR	A Type: 1.60:1 Typ.
	C Type: 1.60:1 Typ.
Output	A Type: FBP320(UBR320) (Modified with 4xM3 D3)
	C Type: 2.92mm-Female or 2.4mm-Female
Material	Cu
Finish	Gold Plated, Gray Paint
Size(mm)	A Type: 31.7 x 31.7 x 93.55
	C Type: 31.7 x 54.2 x 117.6
Net Weight(Kg)	A Type: 0.36 Around
	C Type: 0.44 Around

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CH-28-15-T26-A)



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

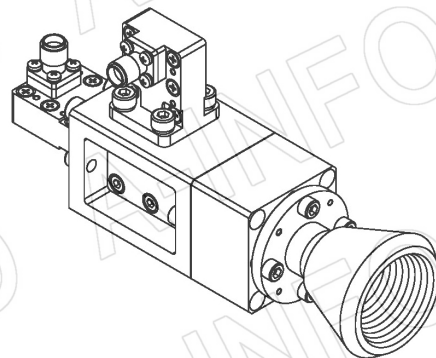
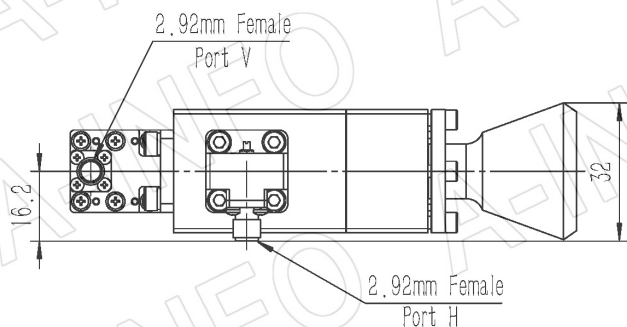
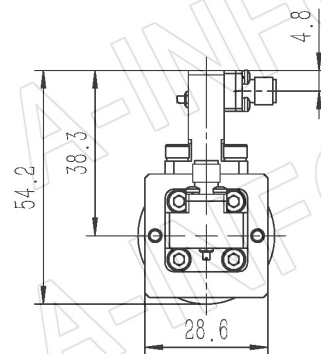
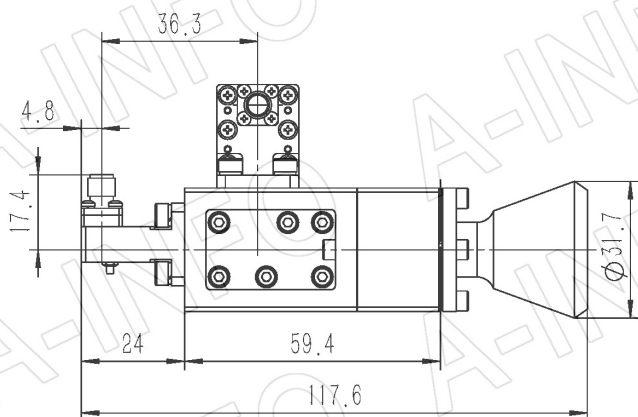
Page 1 of 11

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

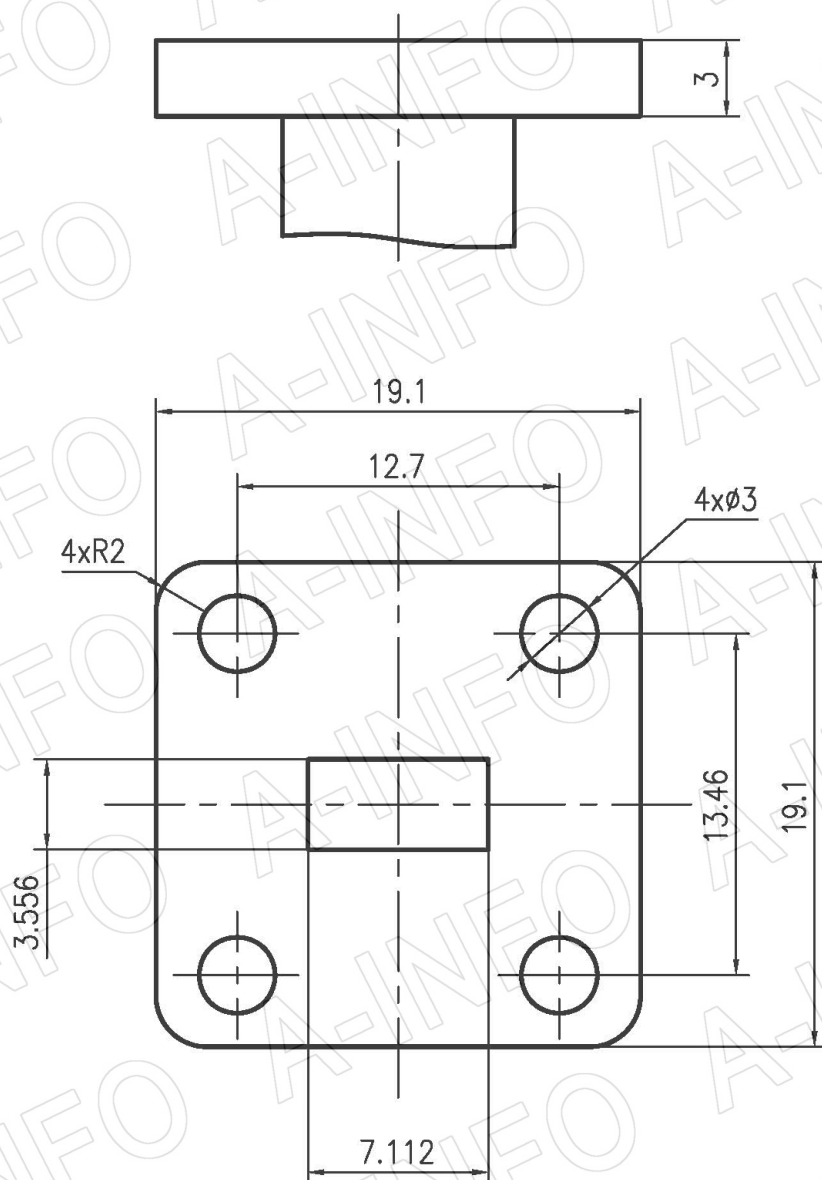
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

2.92mm-Female Output (P/N: LB-CH-28-15-T26-C-KF)

For 2.4mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FBP320

AINFO Inc.

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

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

Page 3 of 11

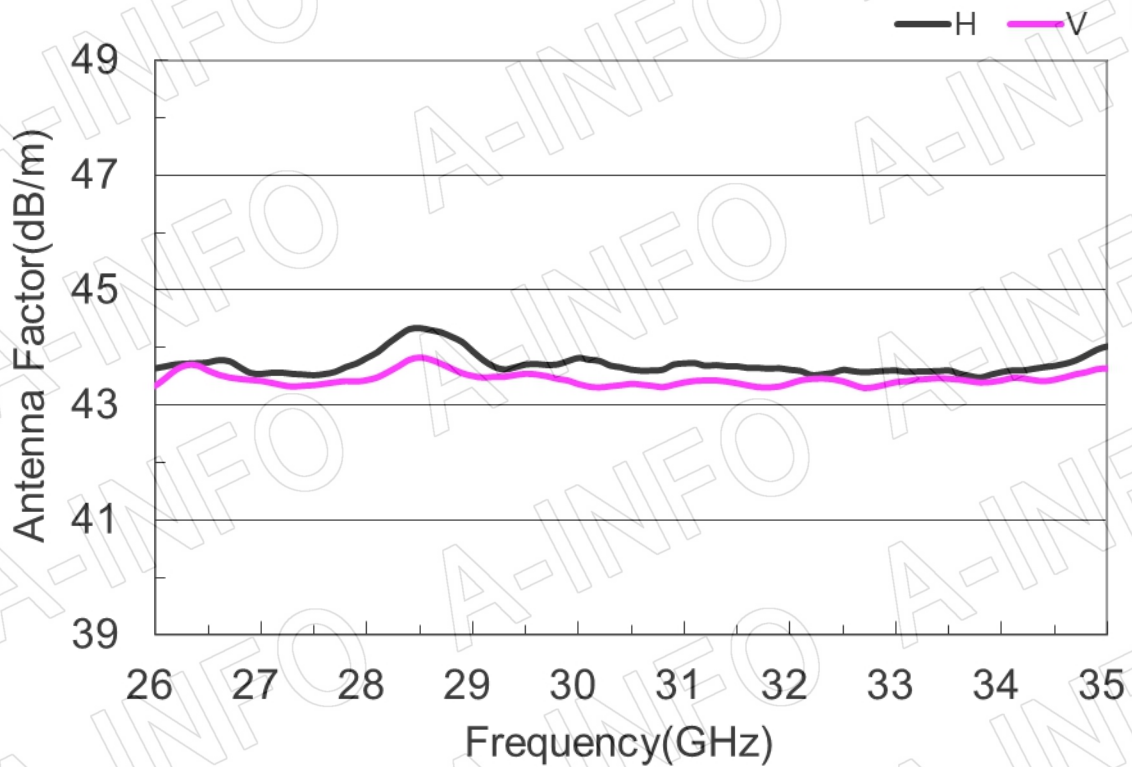
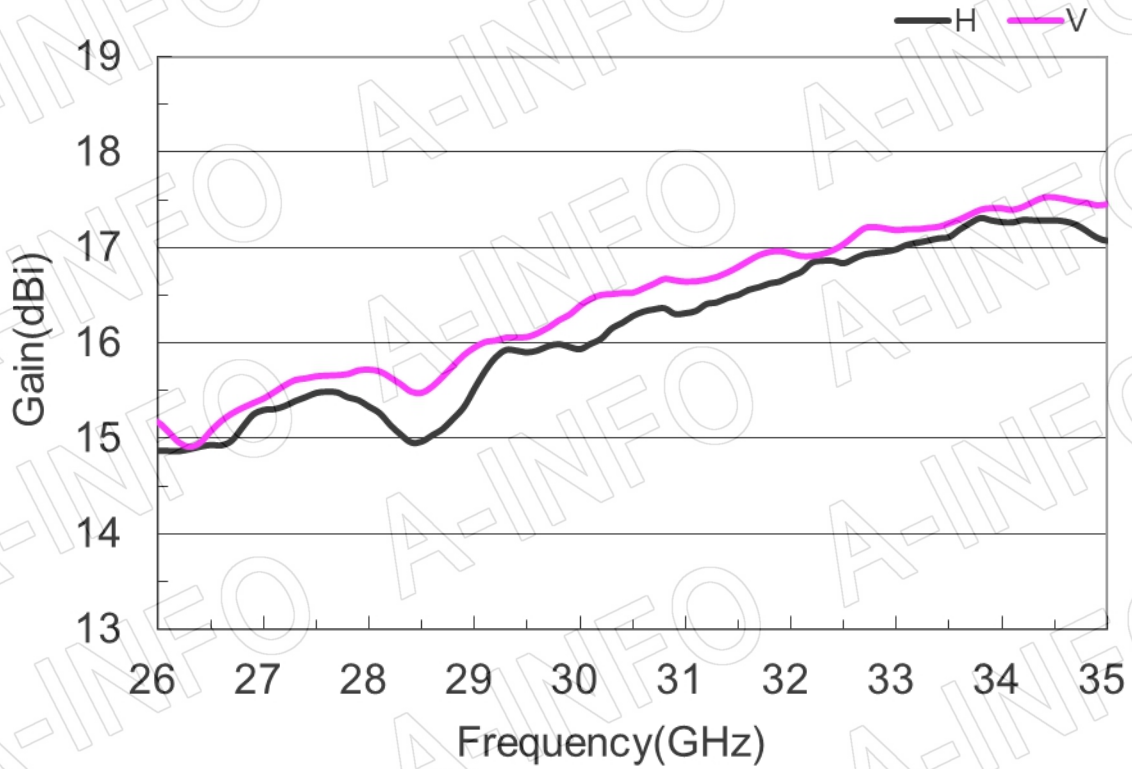
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

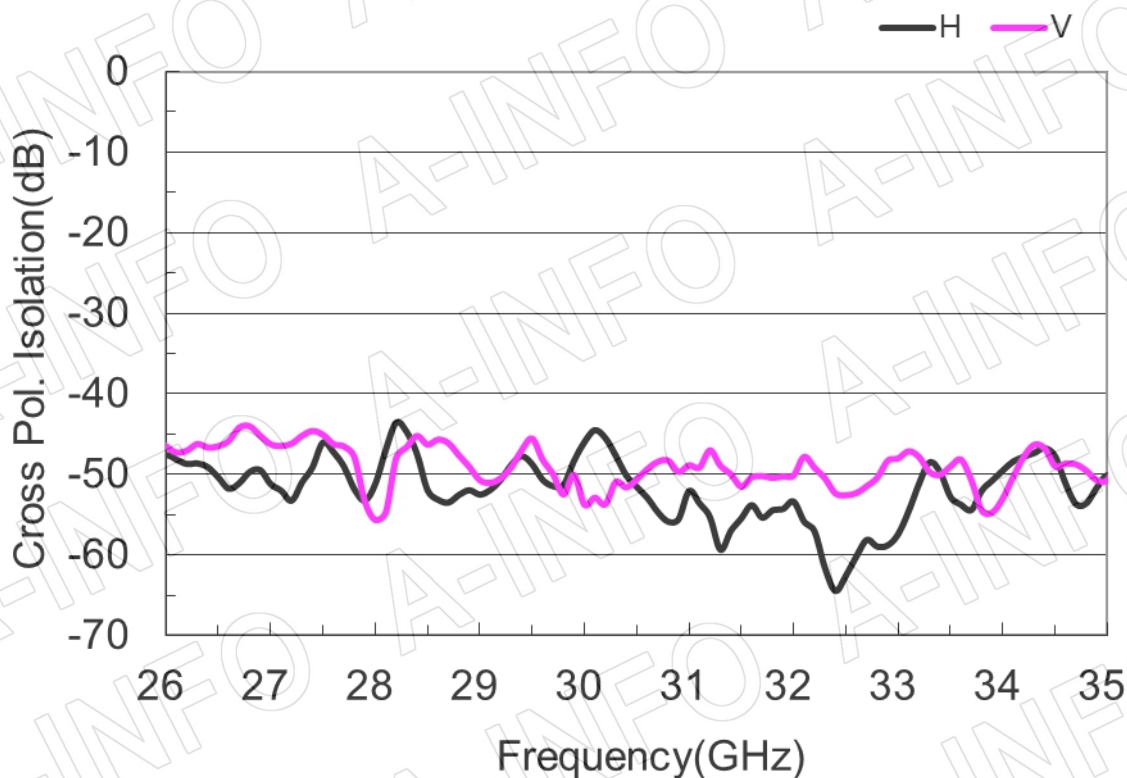
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

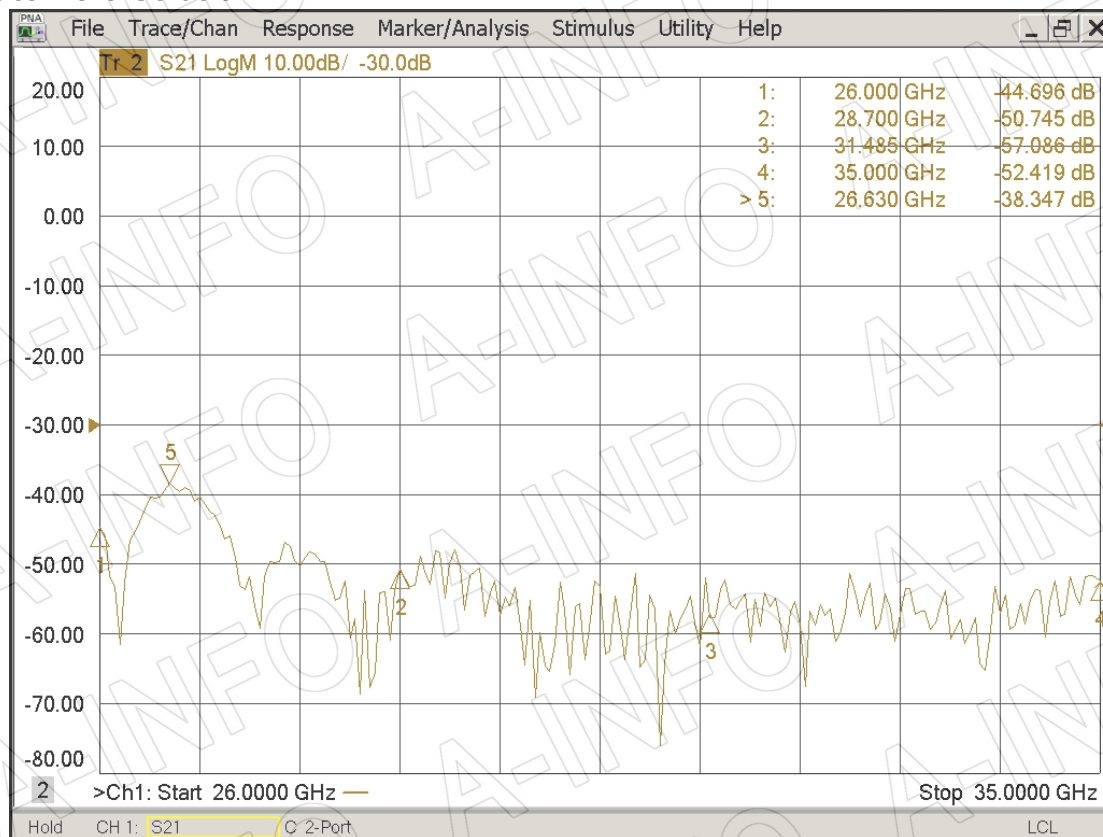
1. Gain and Antenna Factor



2. Cross Polarization Isolation

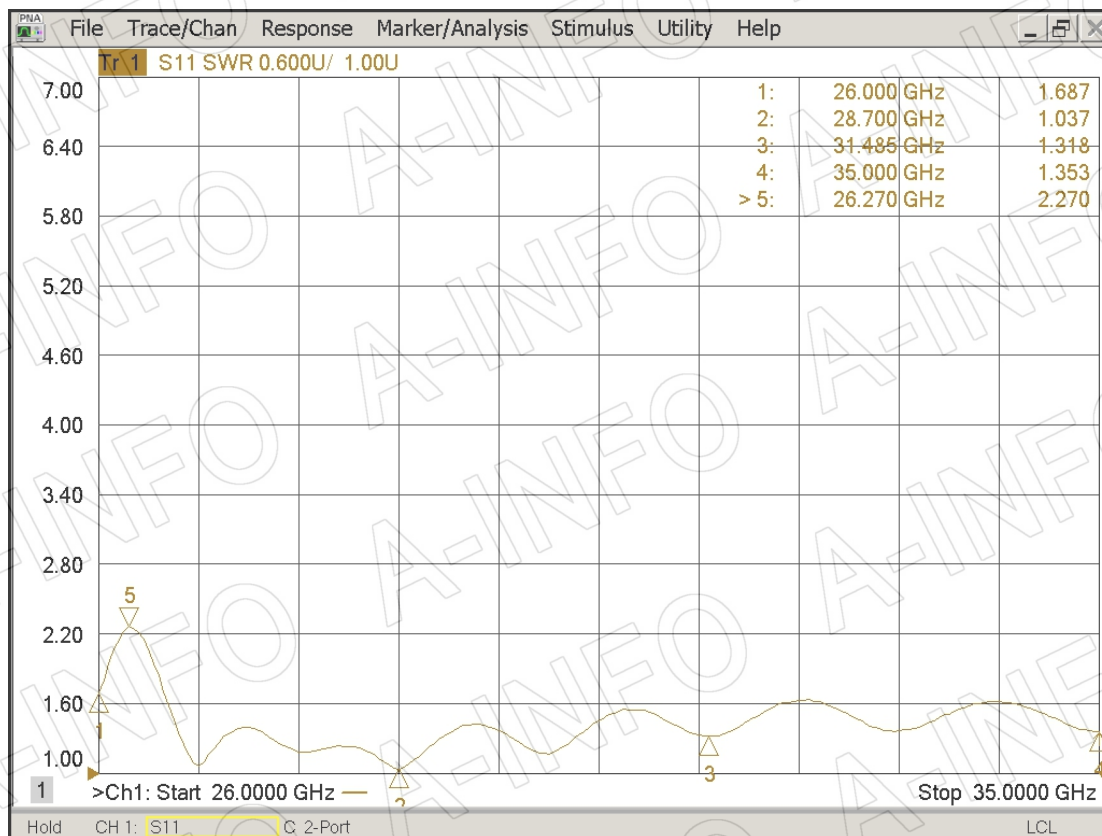


3. Port to Port Isolation

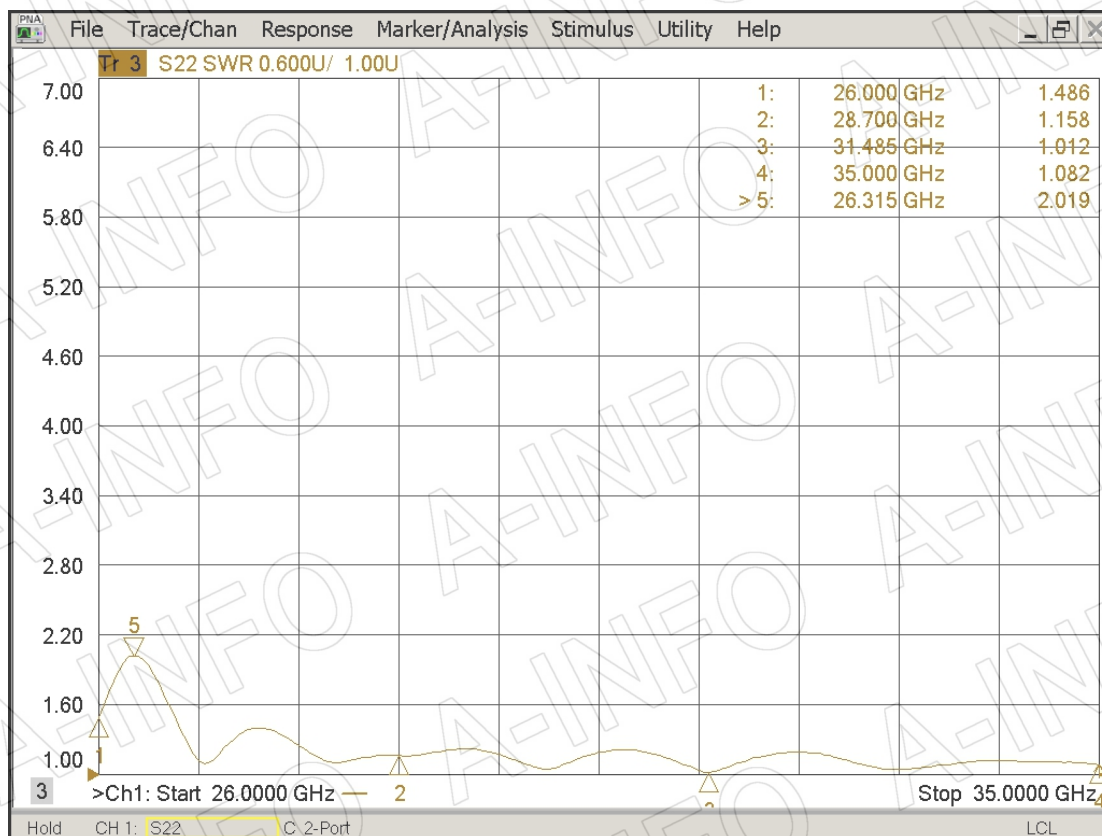


4. VSWR_A Type

Port-H

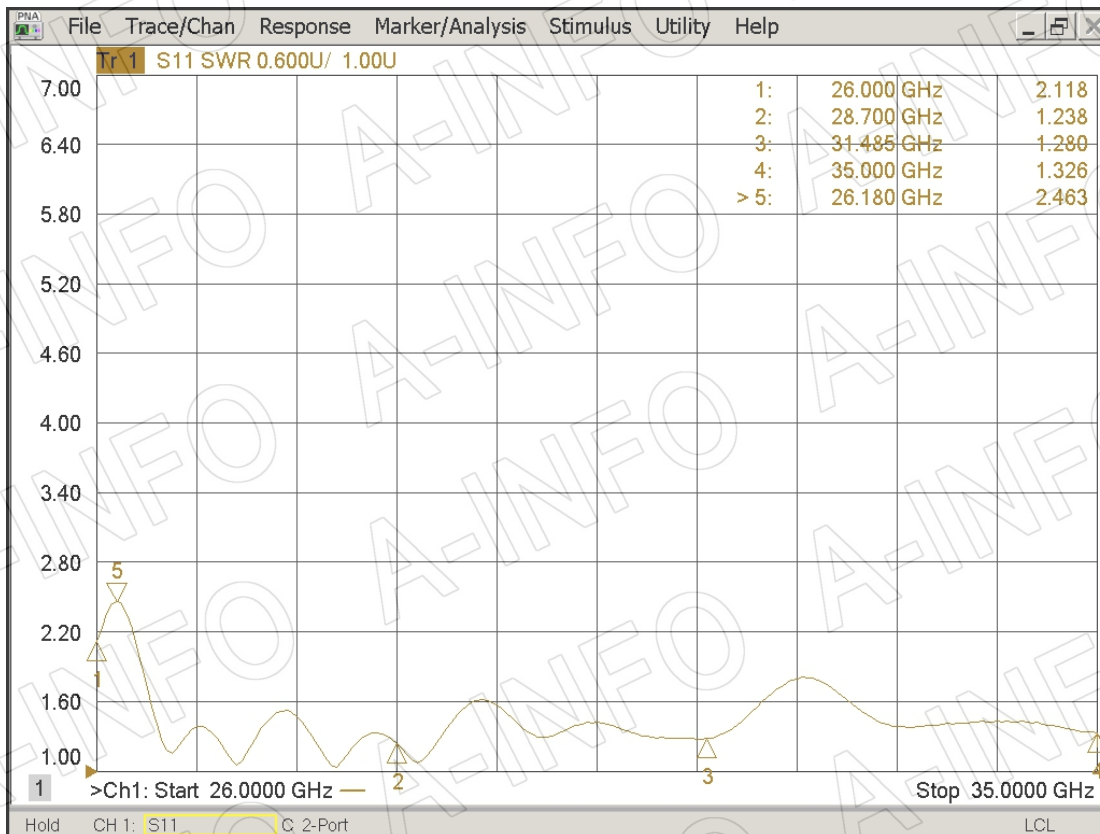


Port-V

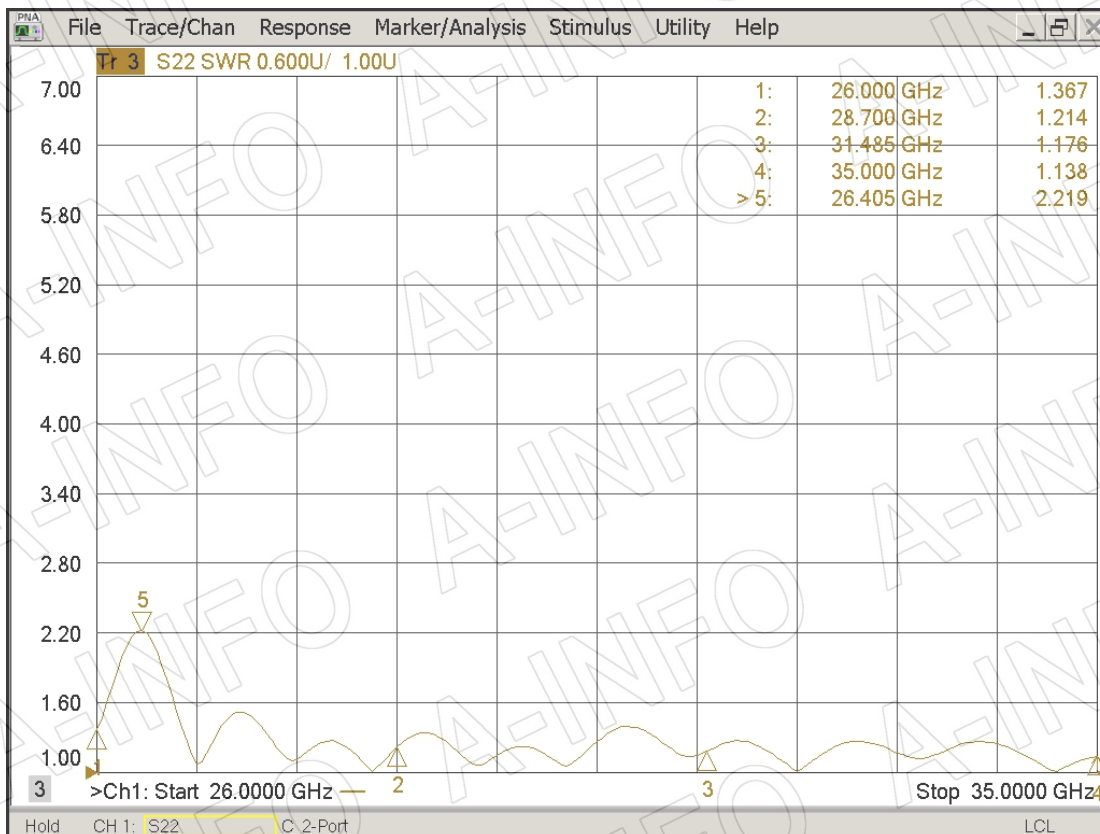


VSWR_C Type

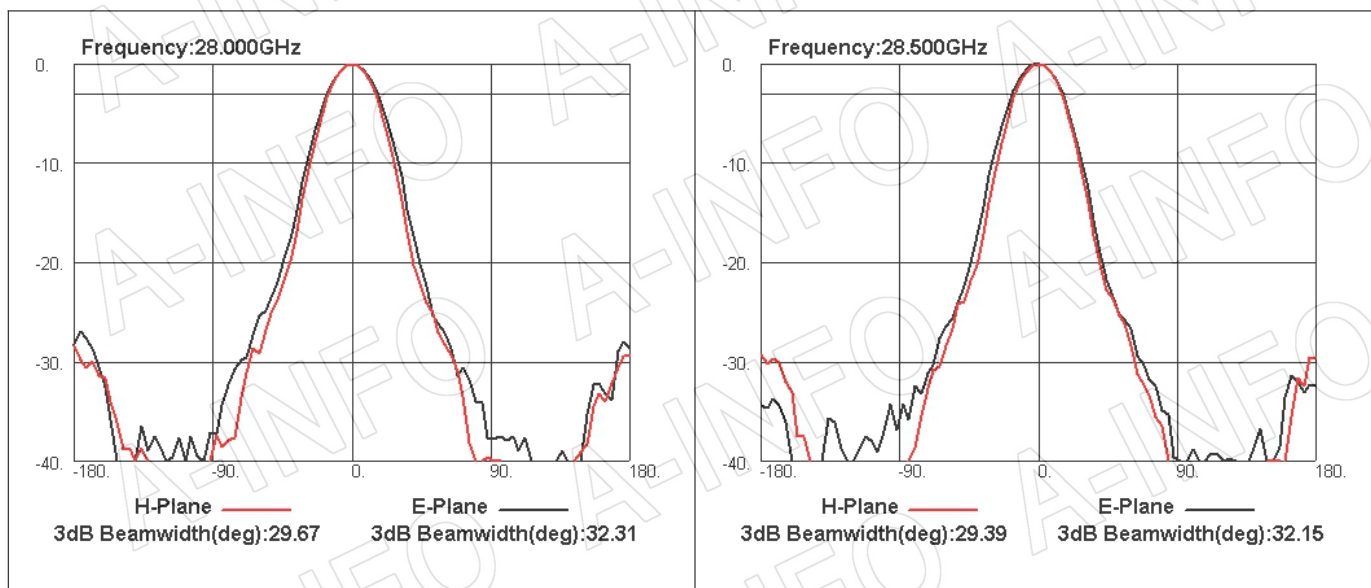
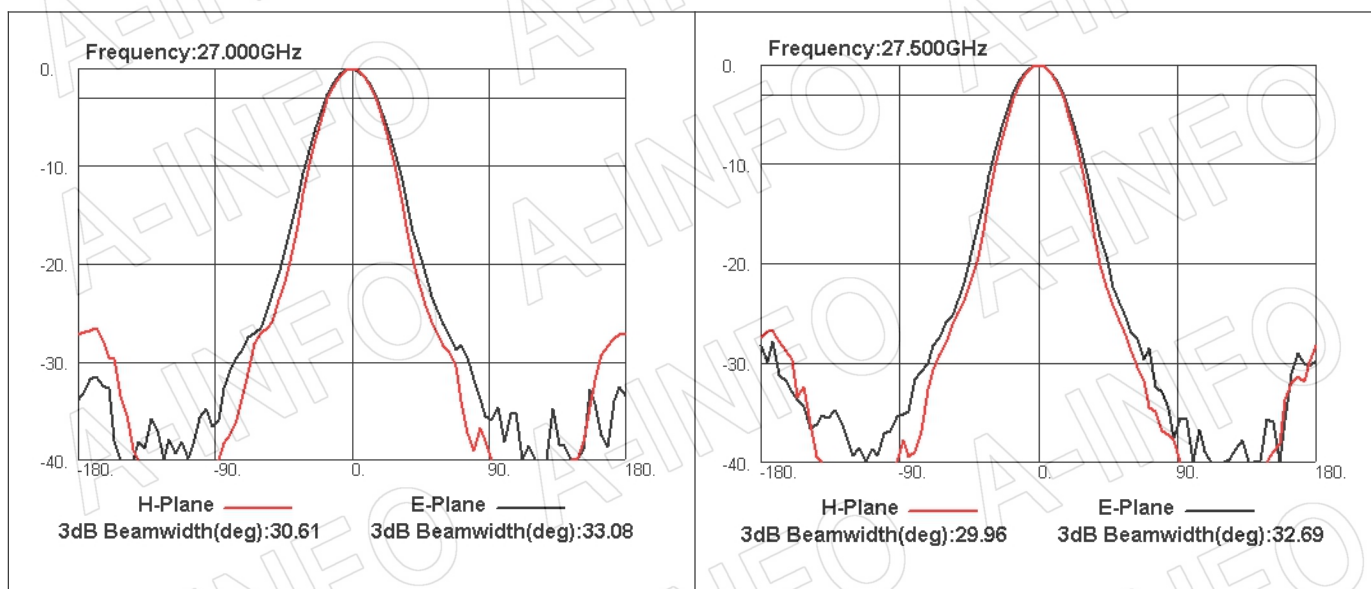
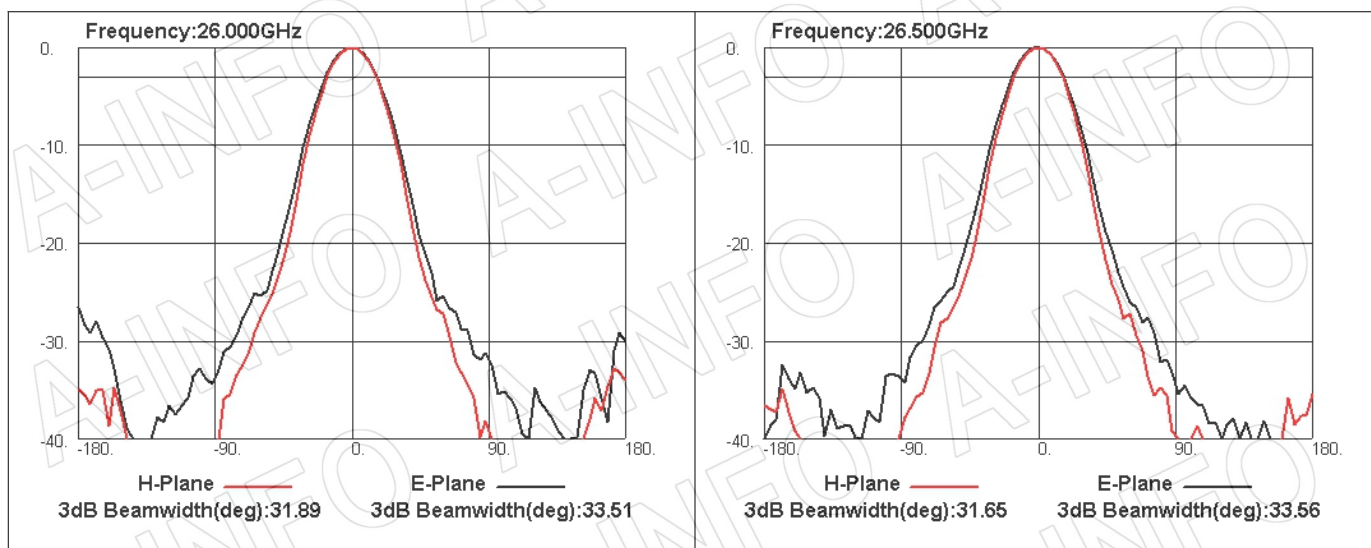
Port-H



Port-V



5. Pattern



AINFO Inc.

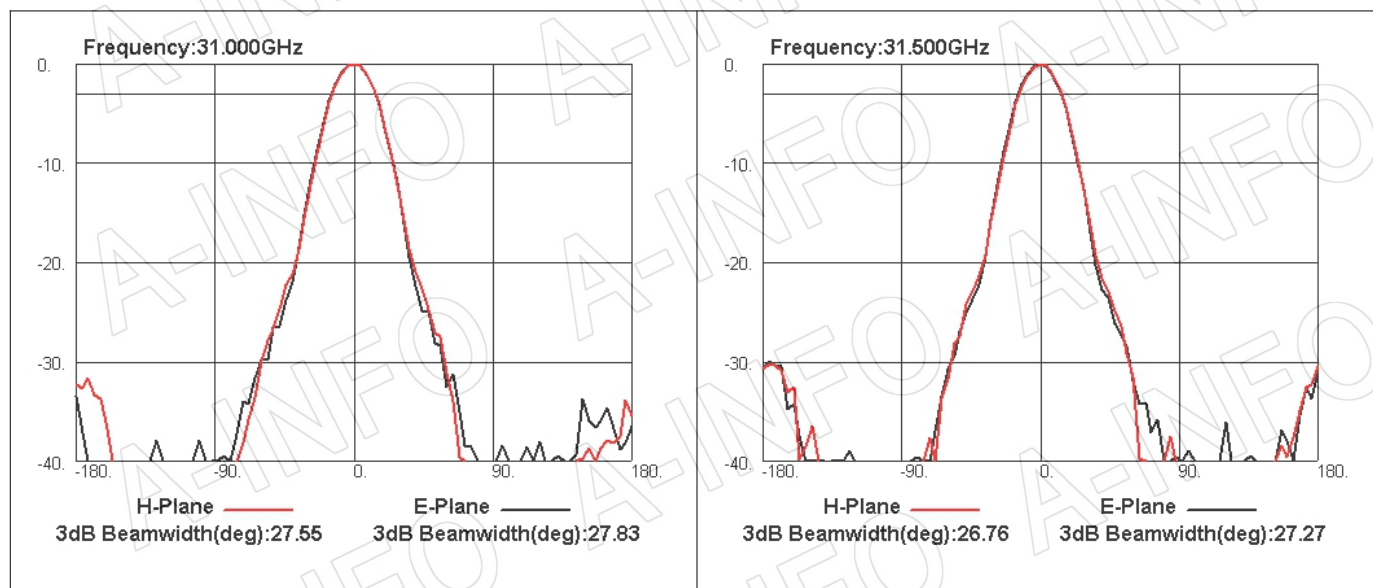
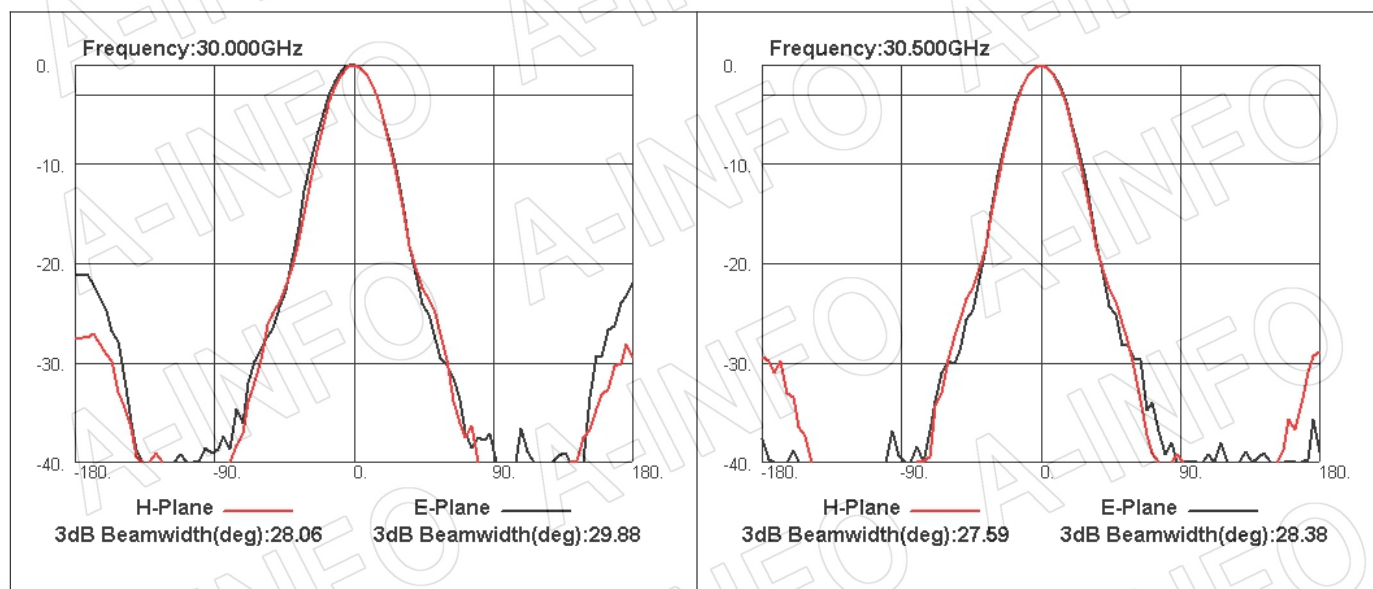
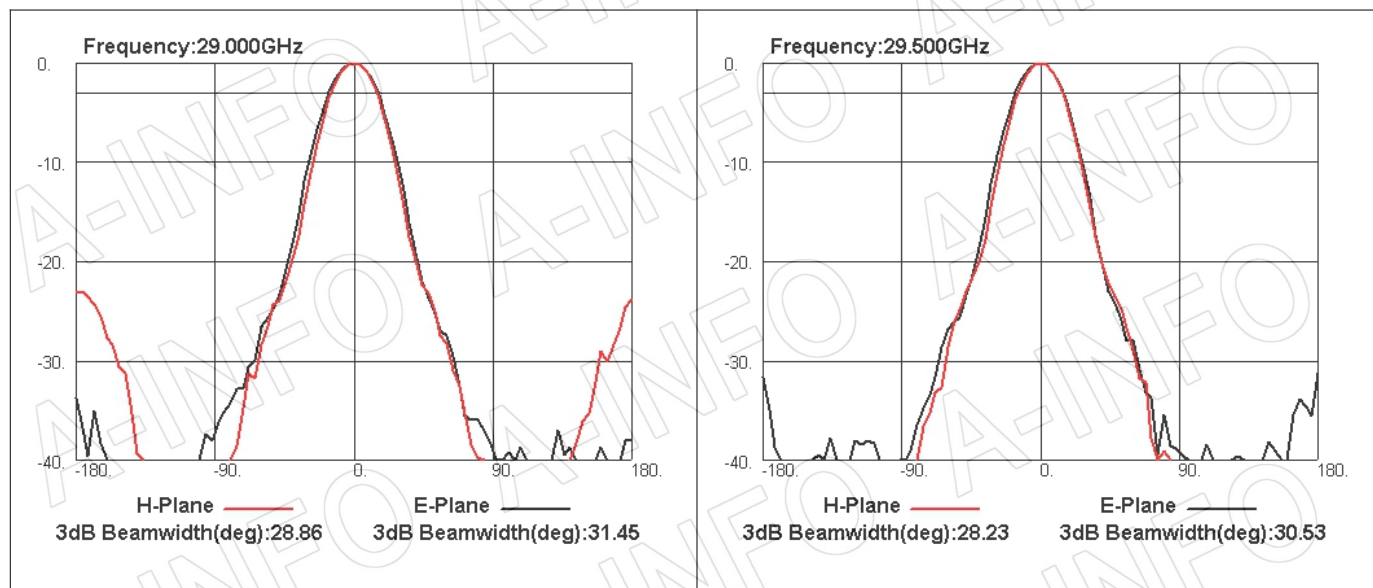
China(Beijing):
China(Chengdu):
USA :

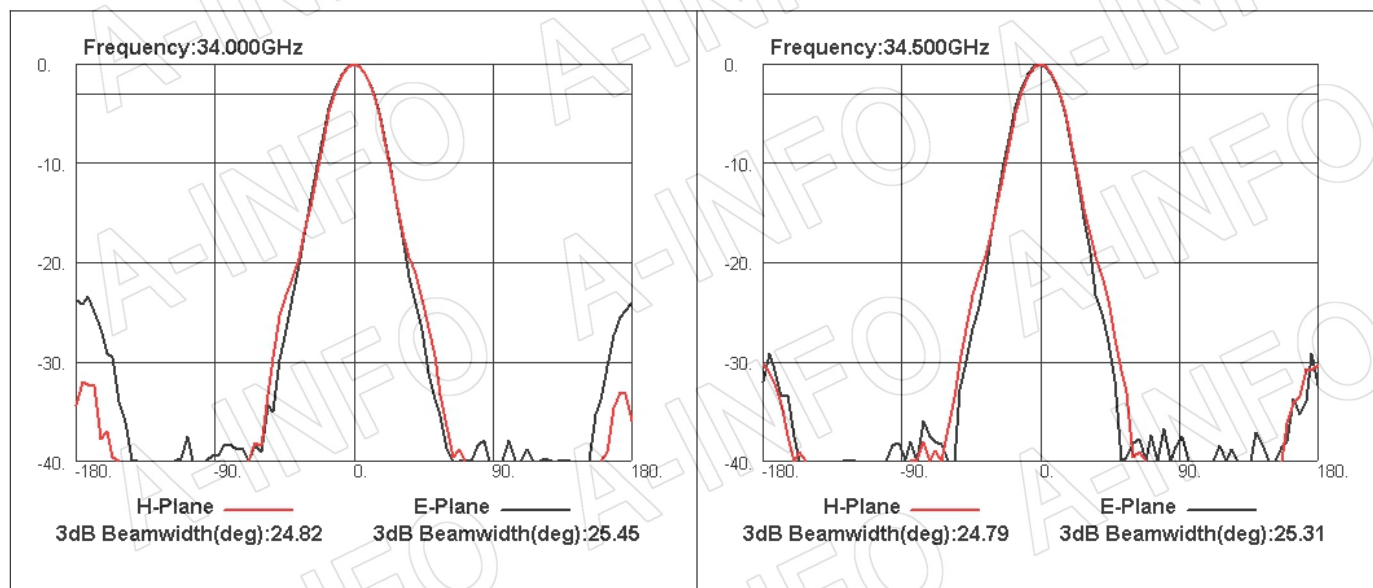
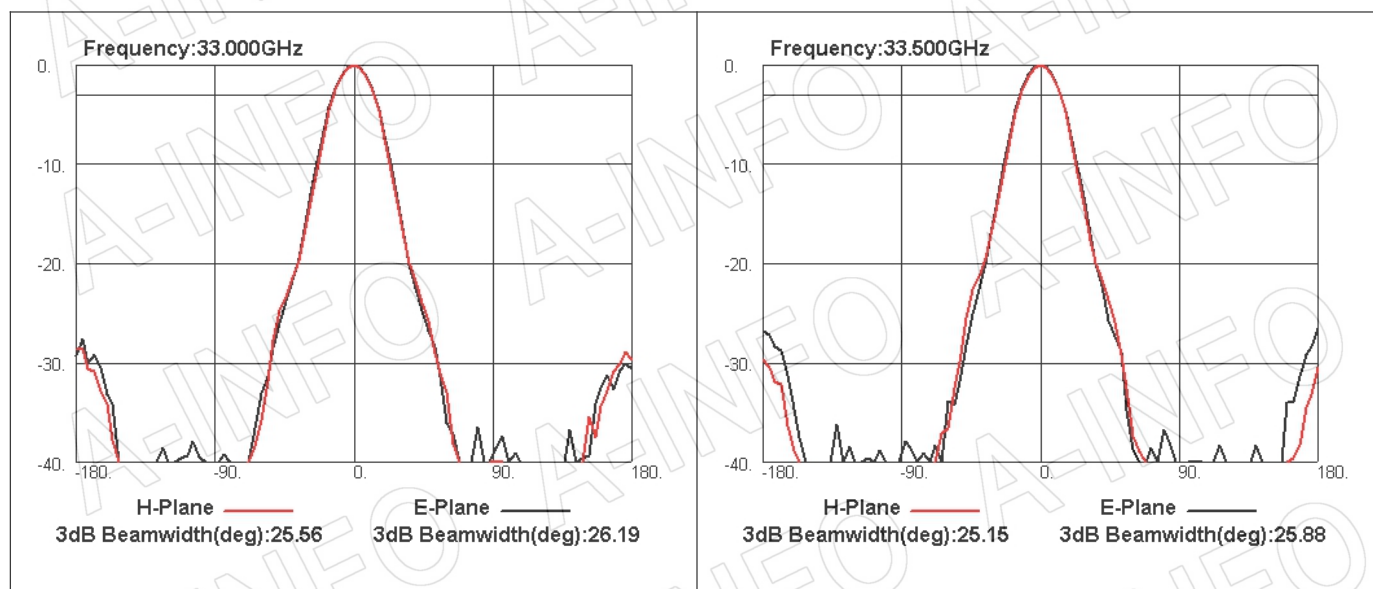
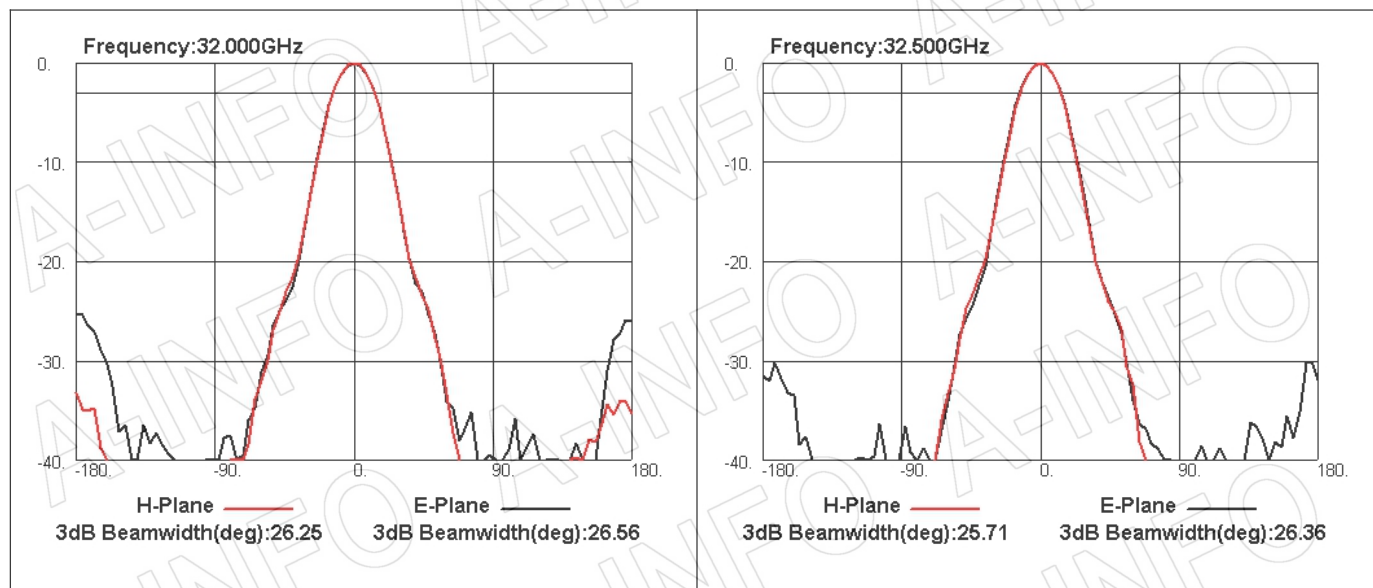
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

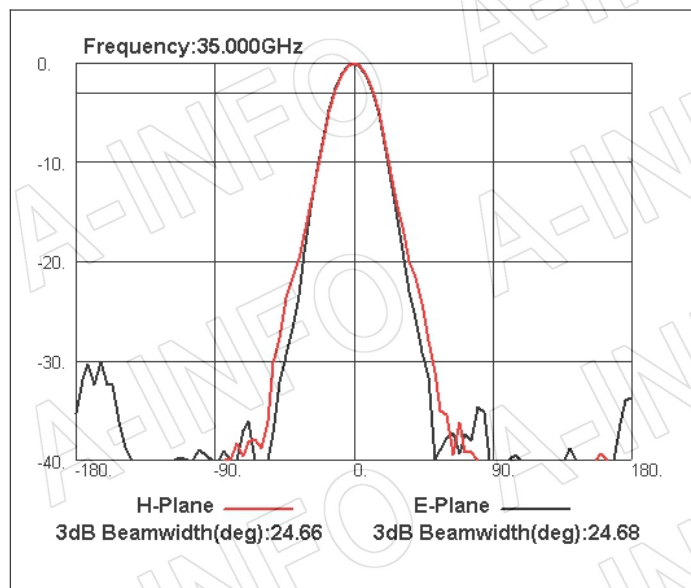
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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 11 of 11

(+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