

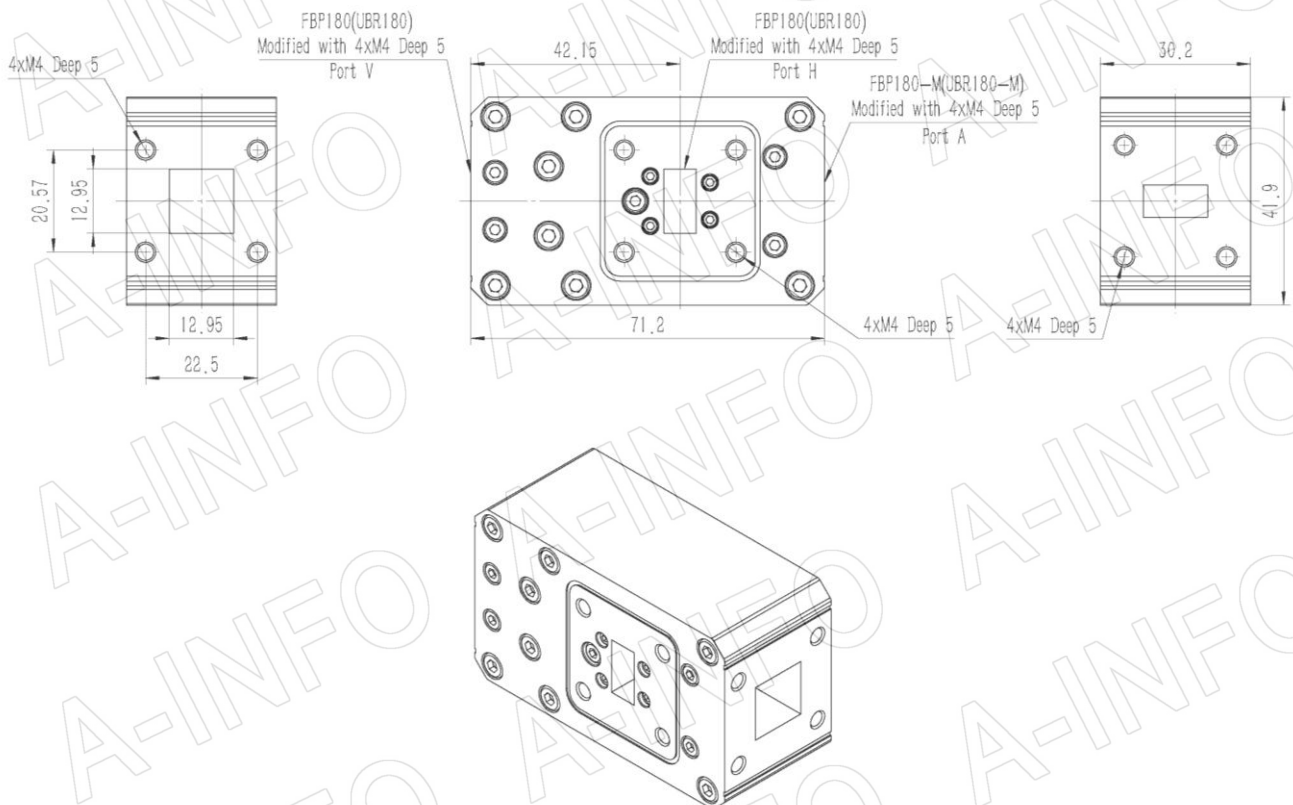
For reference only. See data sheet for the detailed specifications.

Technical Specification



EIA WR	WR51
Frequency Range(GHz)	15.0 – 22.0
Bandwidth	Full
Common Port	12.954mm Square WG
Insertion Loss(dB)	0.5 Max.
VSWR	1.50:1 Typ.
Cross Pol. Isolation(dB)	45 Typ. ; 40 Min.
Port to Port Isolation(dB)	40 Min.
Common Port Flange	FBP180-M(UBR180-M) (Modified with 4xM4 Deep 5)
Flange	FBP180(UBR180) (Modified with 4xM4 Deep 5)
Material	Al
Size(mm)	71.2 x 30.2 x 41.9
N.W.(Kg)	0.23 Around

Outline Drawing (Size: mm)



AINFO Inc.

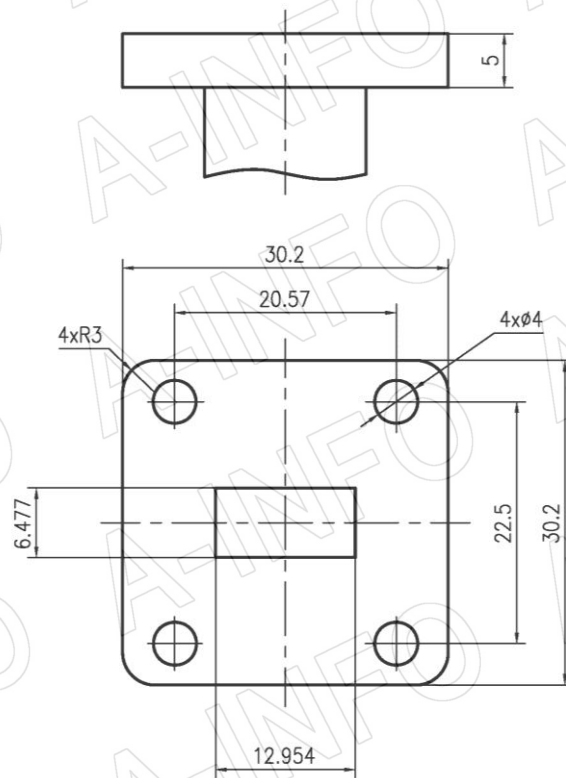
Page 1 of 5

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

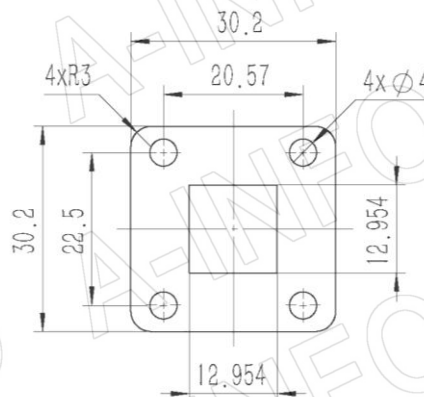
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

Flange Drawing (Size: mm)



FBP180



FBP180-M

AINFO Inc.

Page 2 of 5

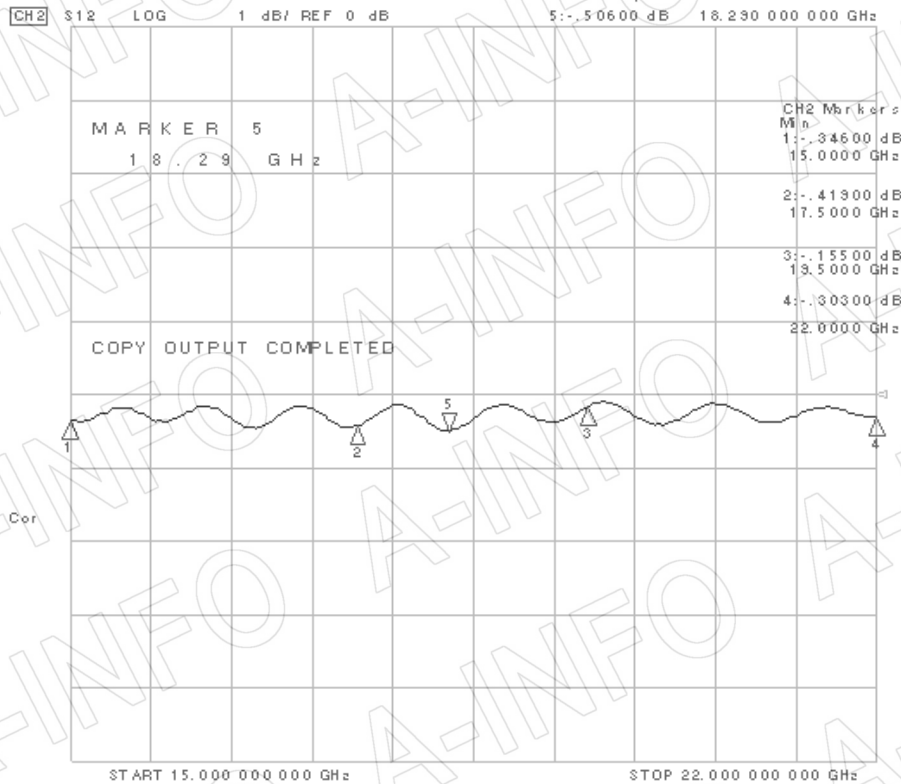
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA : Tel: (+1) 949-639-9688,

(+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

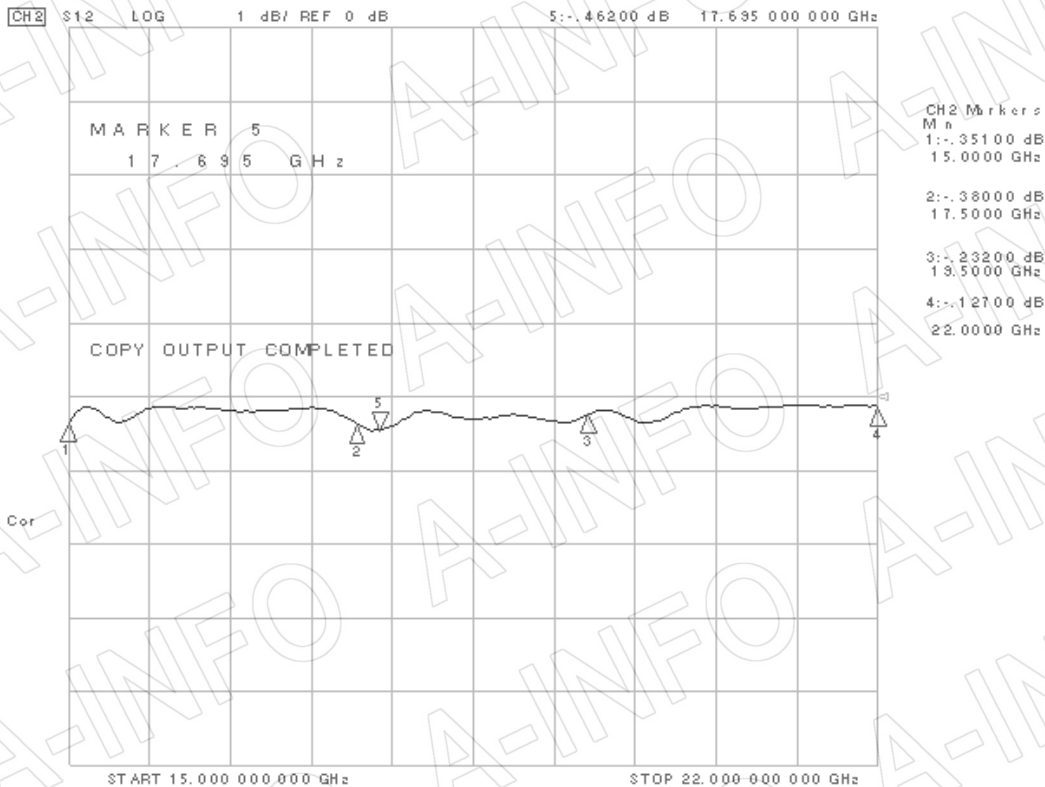
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

Port H_ Insertion Loss(Test with two OMT back to back)



Port V_ Insertion Loss(Test with two OMT back to back)



AINFO Inc.

Page 3 of 5

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

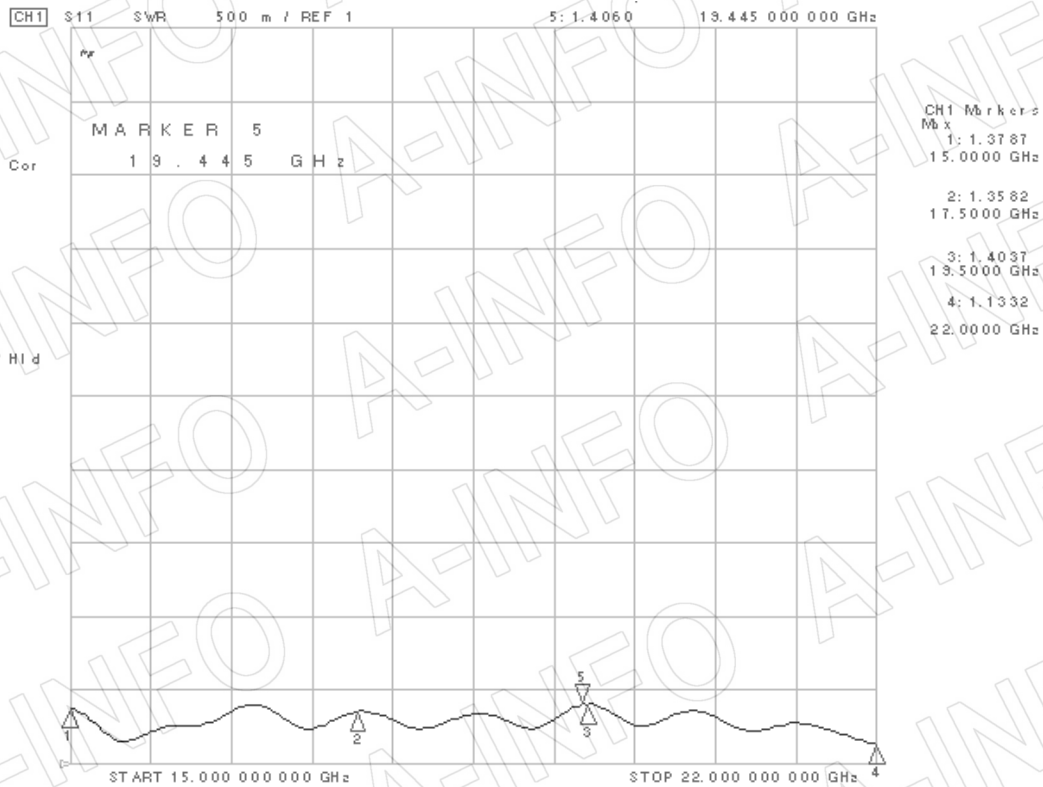
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

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

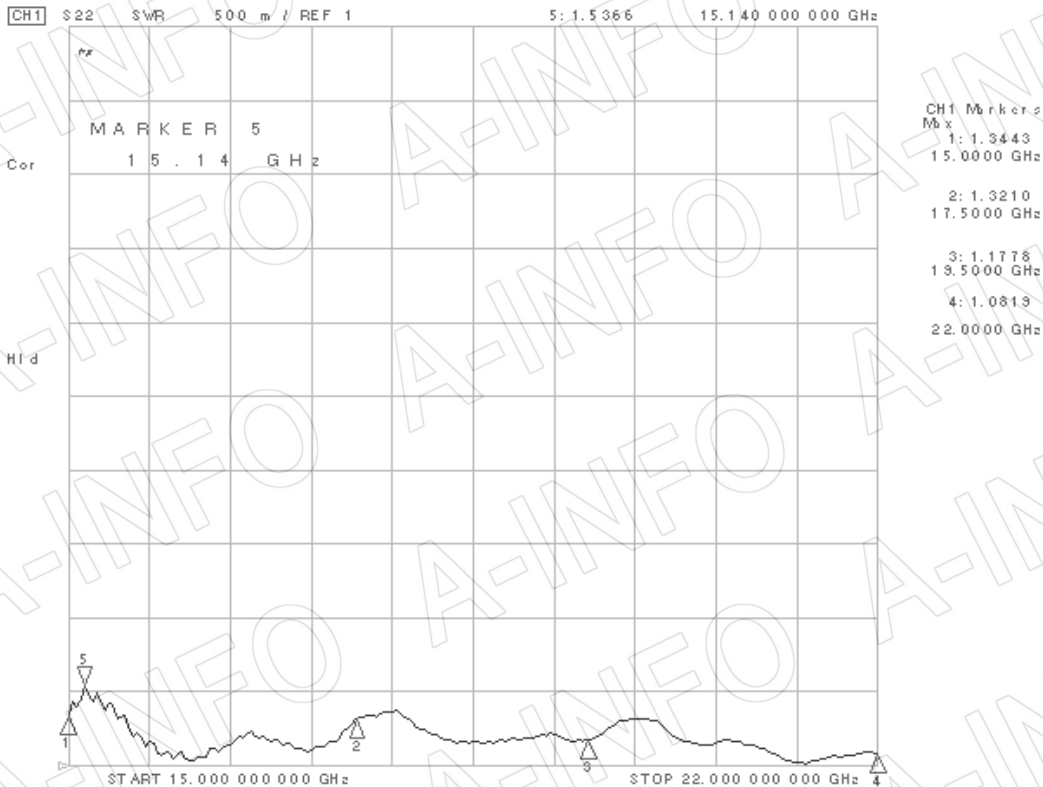
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

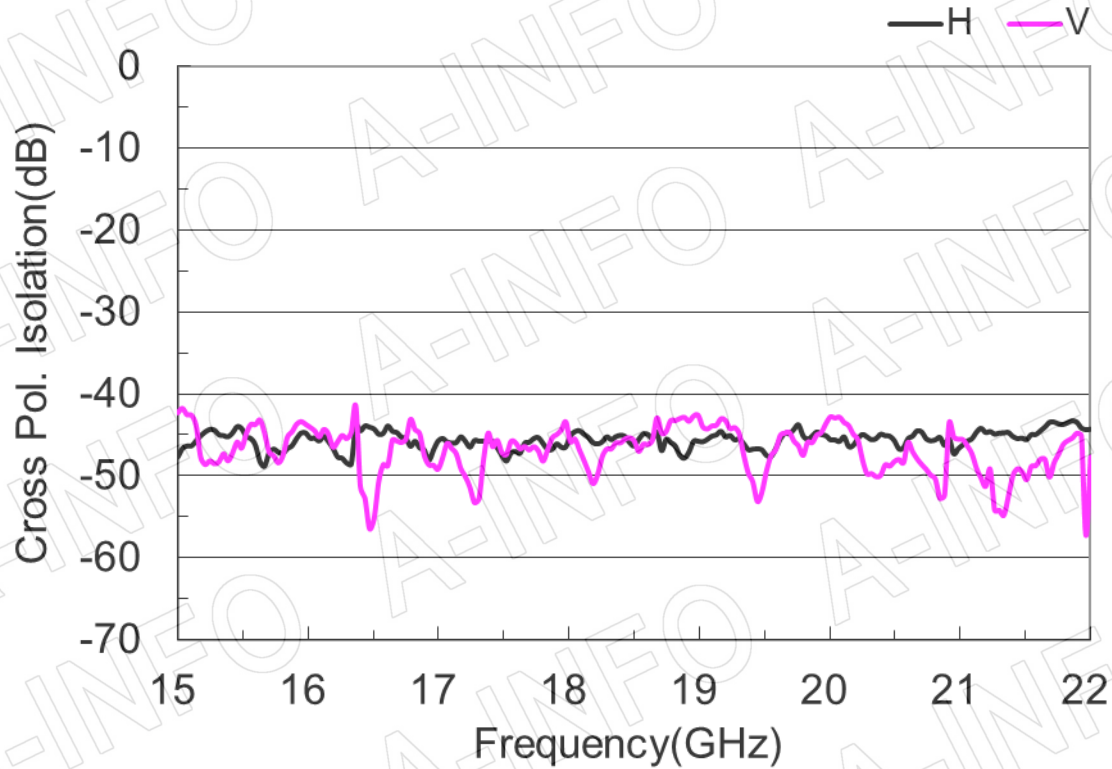
Port H_VSWR



Port V_VSWR



Cross Polarization Isolation



Port to Port Isolation

