

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

Technical Specification

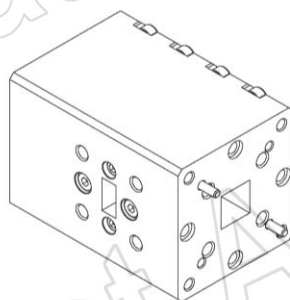
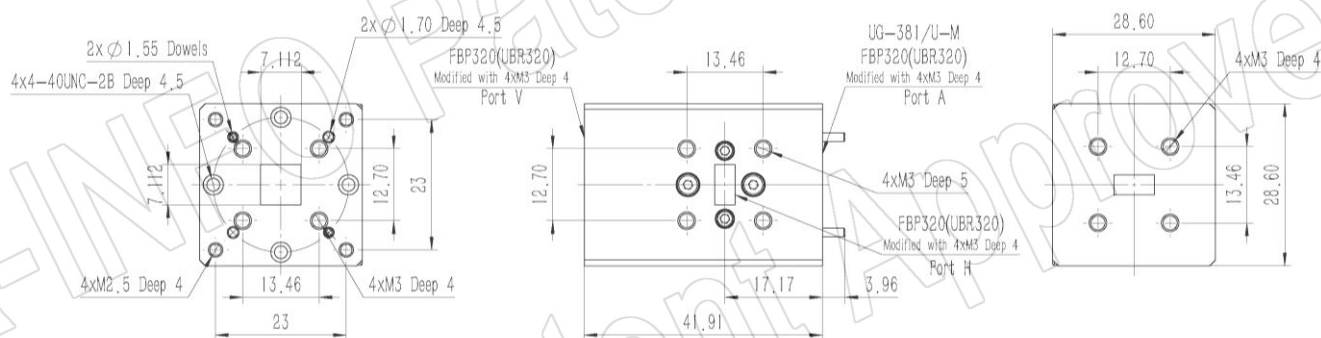


EIA WR	WR28
Frequency Range(GHz)	26.5 - 40.0
Bandwidth	Full
Common Port	7.112mm Square WG
Insertion Loss(dB)	0.5 Max.
VSWR	1.5:1 Typ.
Cross Pol. Isolation(dB)	50 Typ.; 40 Min.
Port to Port Isolation(dB)	40 Min.
Common Port Flange	UG-381/U-M & FBP320(UBR320) (Modified with 4xM3 Deep 4)
Flange	FBP320(UBR320) (Modified with 4xM3 Deep 4)
Material	Cu
Size(mm)	41.91 x 28.6 x 28.6
Net Weight(Kg)	0.25 Around

PATENT ID (China)

ZL202221065441.6

Outline Drawing (Size: mm)



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 5

(+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

Technical drawing of a mechanical part, showing front and top views with dimensions.

Front View (Top):

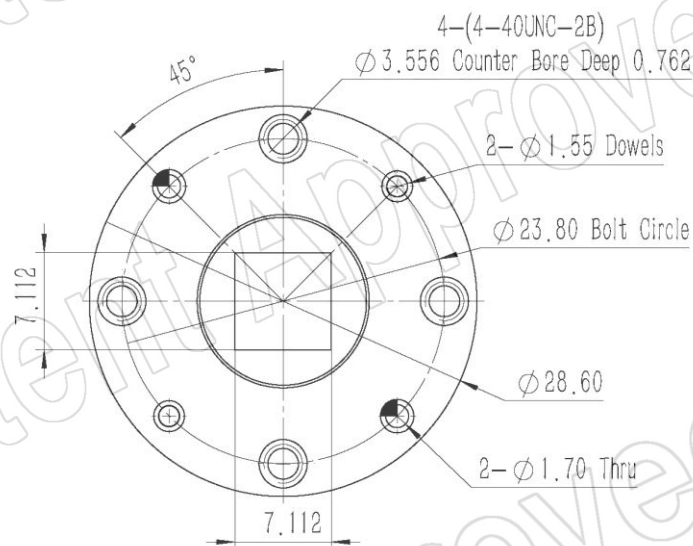
- Overall width: 19.1
- Overall height: 3
- Internal width: 12.7

Top View (Bottom):

- Overall width: 19.1
- Overall height: 19.1
- Distance from top edge to center of top holes: 13.46
- Distance from bottom edge to center of bottom holes: 7.112
- Distance between centers of top holes: 12.7
- Distance between centers of bottom holes: 12.7
- Four holes, each with a diameter of $4 \times \phi 3$.

Technical drawing of a shaft with the following dimensions and features:

- Overall length: 6.35
- Distance from left end to first step: 4.064
- Distance from first step to second step: 0.762
- Distance from second step to right end: 3.96
- Left end diameter: $\varnothing 11.90$
- Right end diameter: $\varnothing 12.70$
- Chamfers:
 - $0.4 \times 45^\circ$ Chamf at the left end.
 - $0.2 \times 45^\circ$ Chamf at the right end.
 - $0.4 \times 30^\circ$ Chamf at the bottom of the shaft.

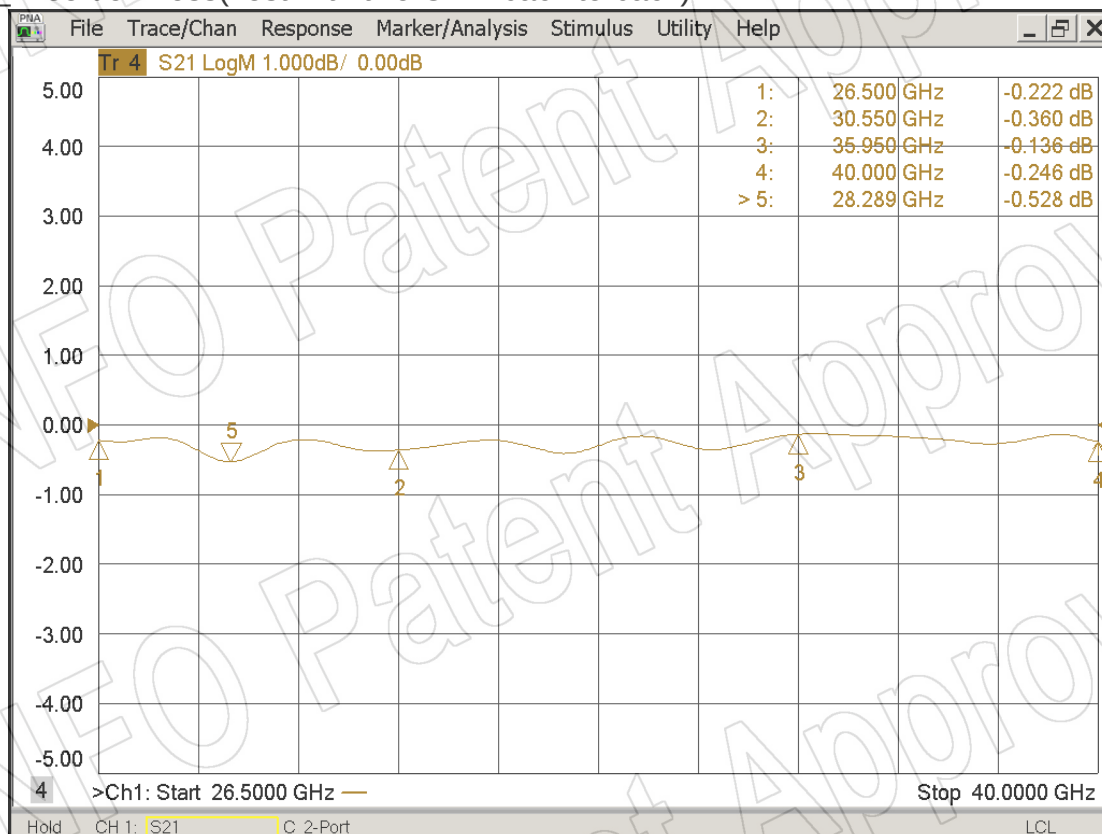


UG-381/U-M

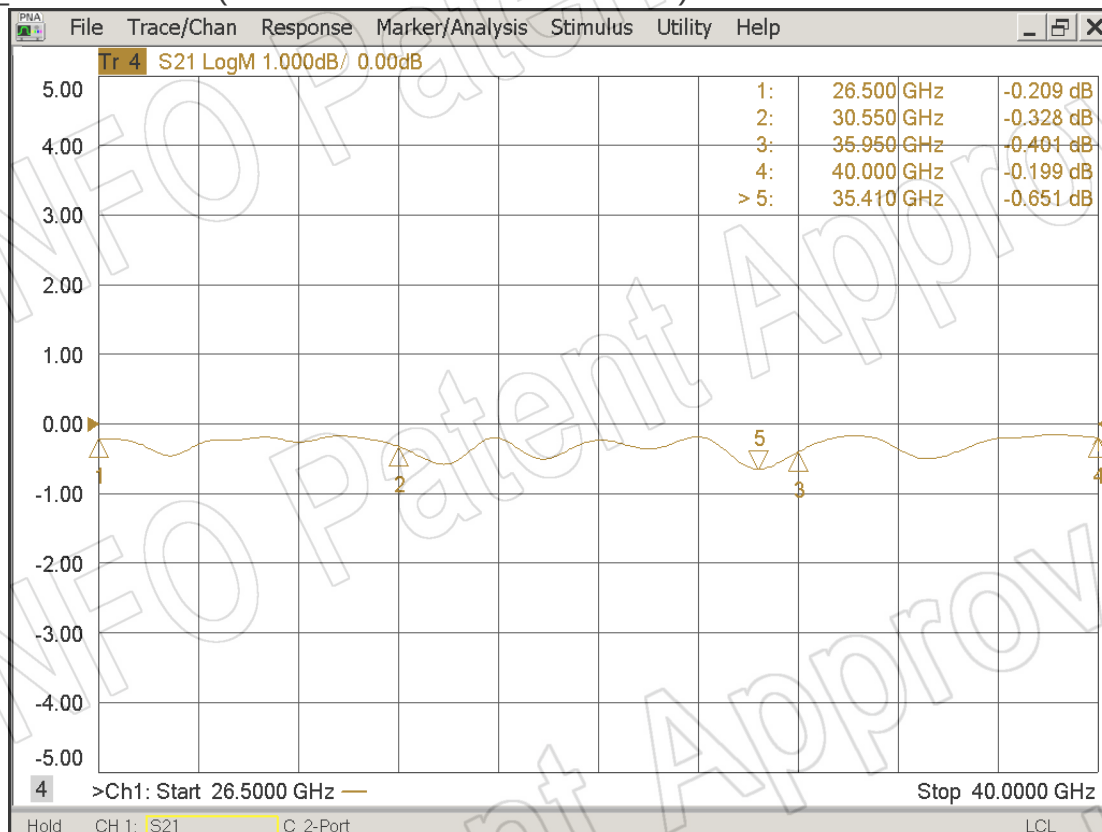
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

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.

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

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

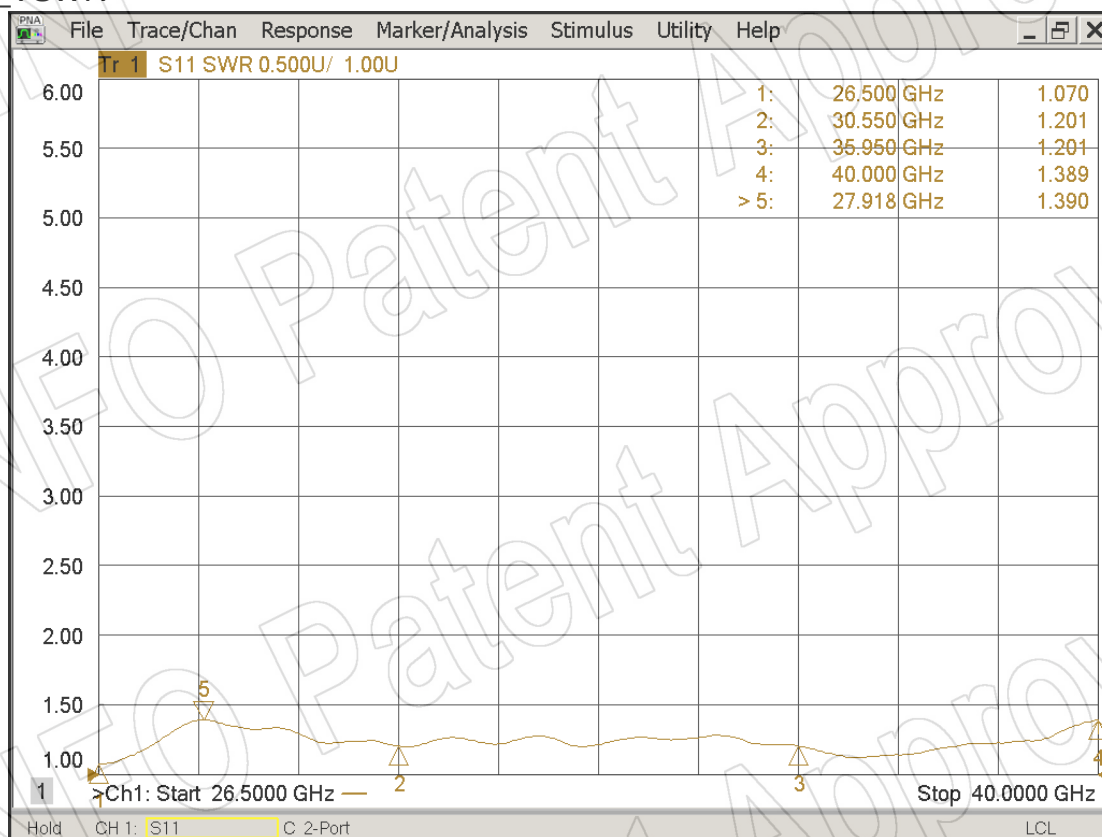
Page 3 of 5

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

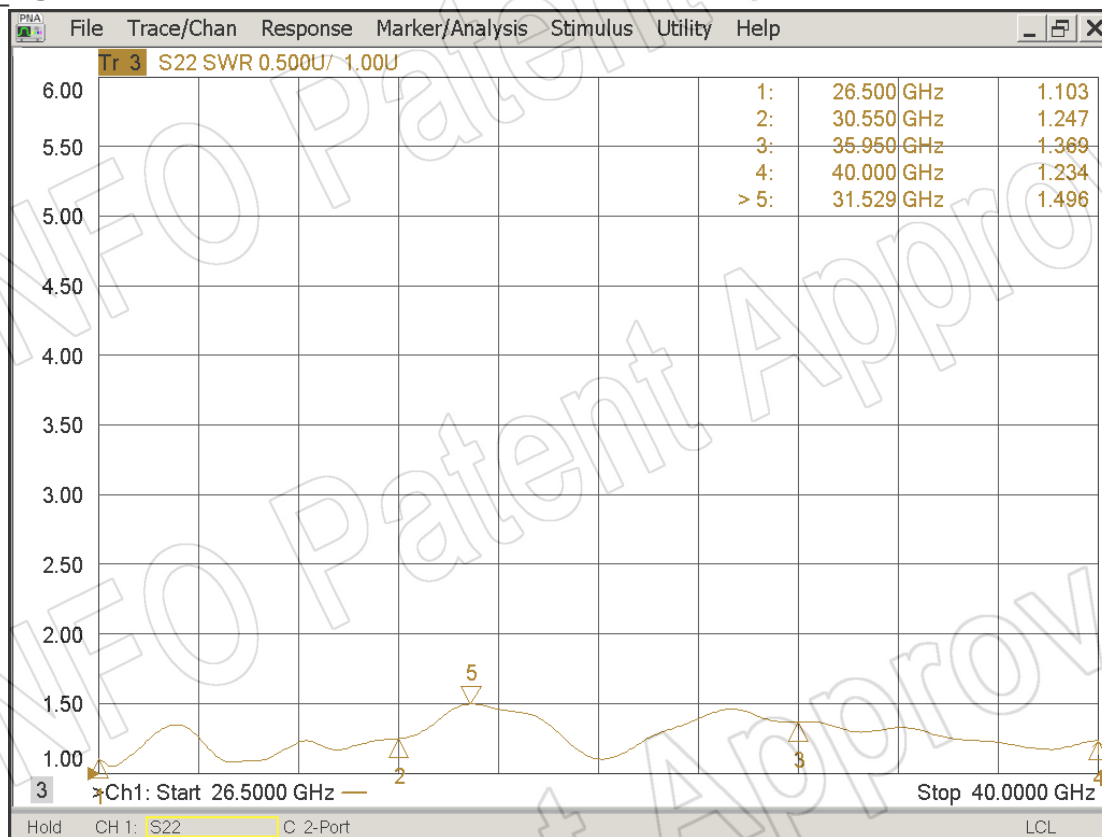
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

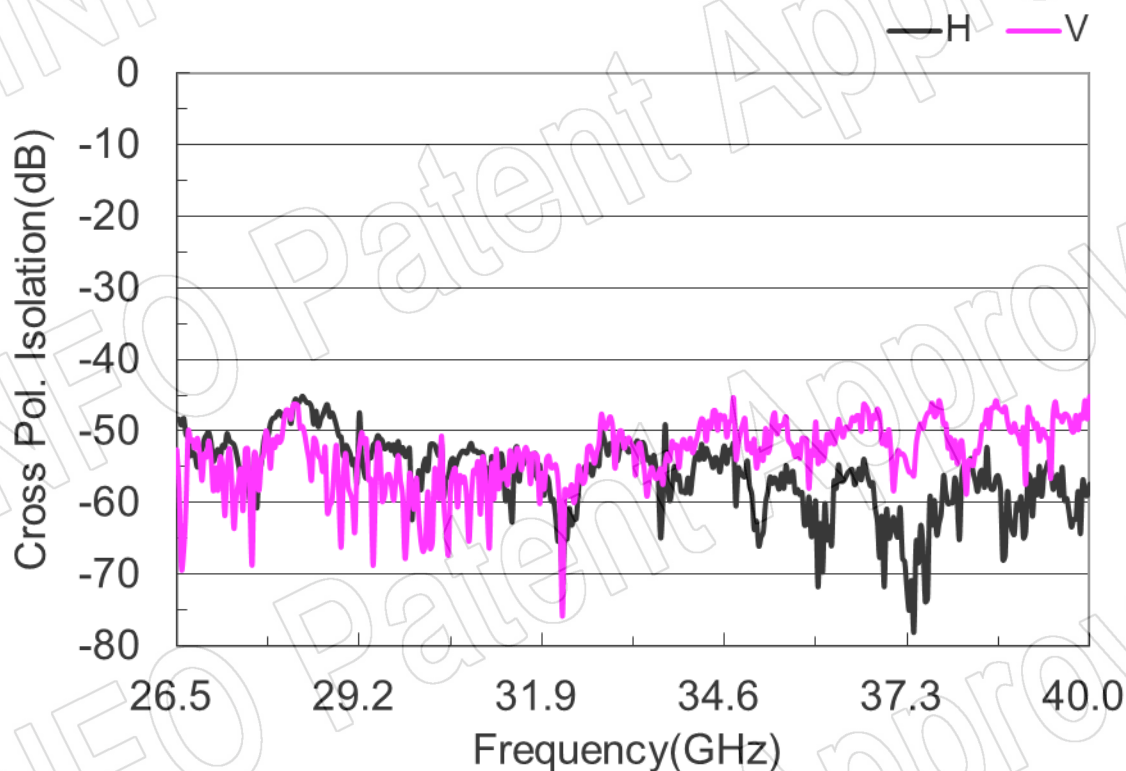
Port H_VSWR



Port V_VSWR



Cross Polarization Isolation



Port to Port Isolation

