

Technical Specification

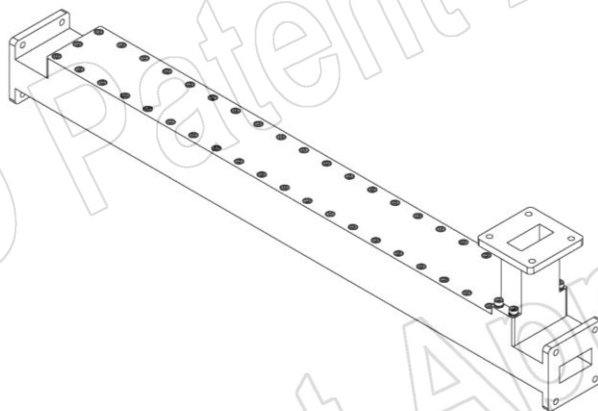


EIA WR	WR112
Frequency Range(GHz)	7.05 – 10.0
Coupling(dB)	30
Coupling Accuracy(dB)	±0.9 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.2 Max. (Not including the theoretical loss 4.35×10^{-3} dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.10:1 Max.
Flange	FBP84(UBR84)
Material	Al
Size(mm)	472.9 x 47.8 x 101.6
Net Weight(Kg)	1.48 Around

PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)



AINFO Inc.

Page 1 of 5

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

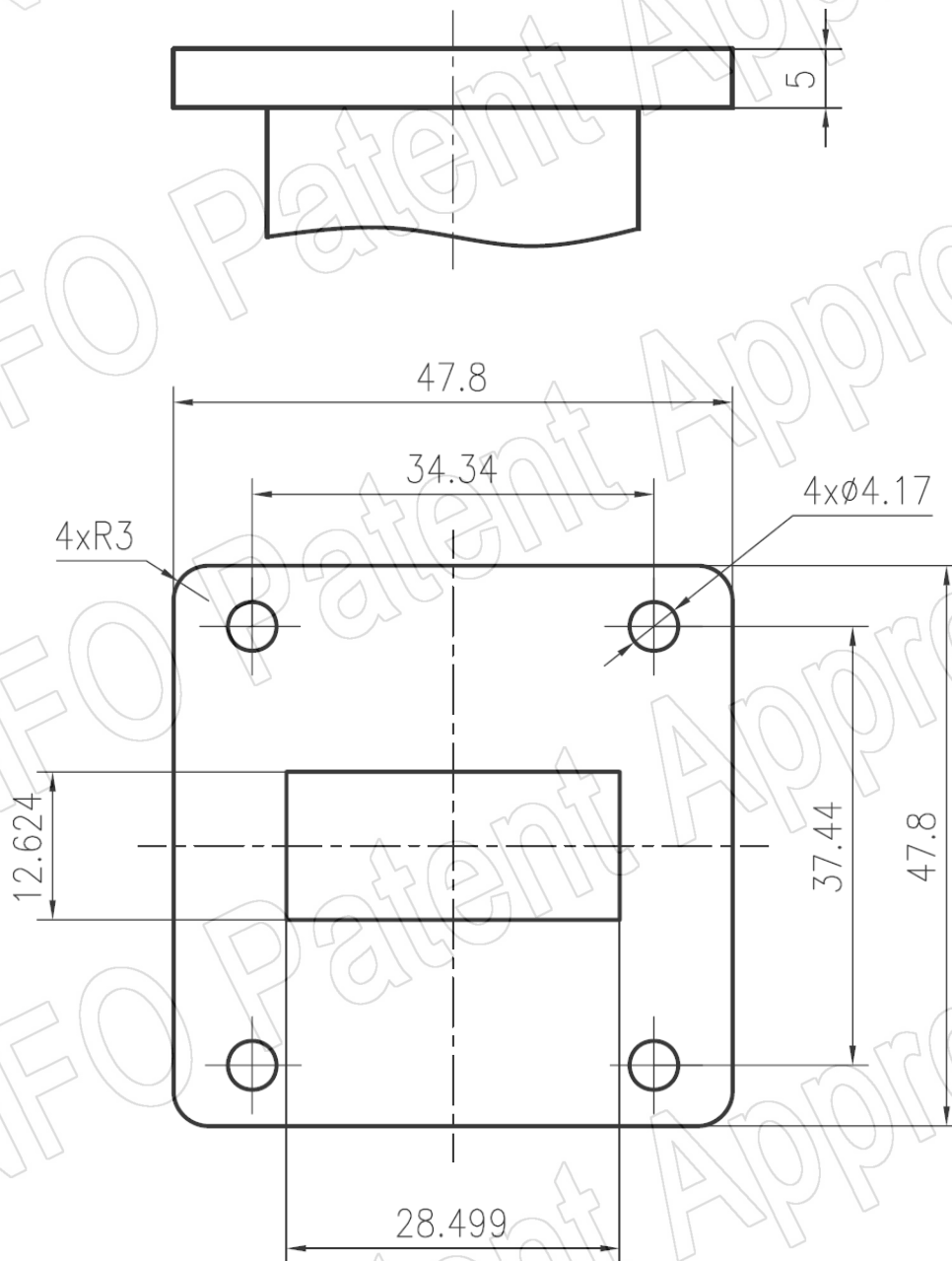
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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

Flange Drawing (Size: mm)



FBP84

AINFO Inc.

Page 2 of 5

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

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

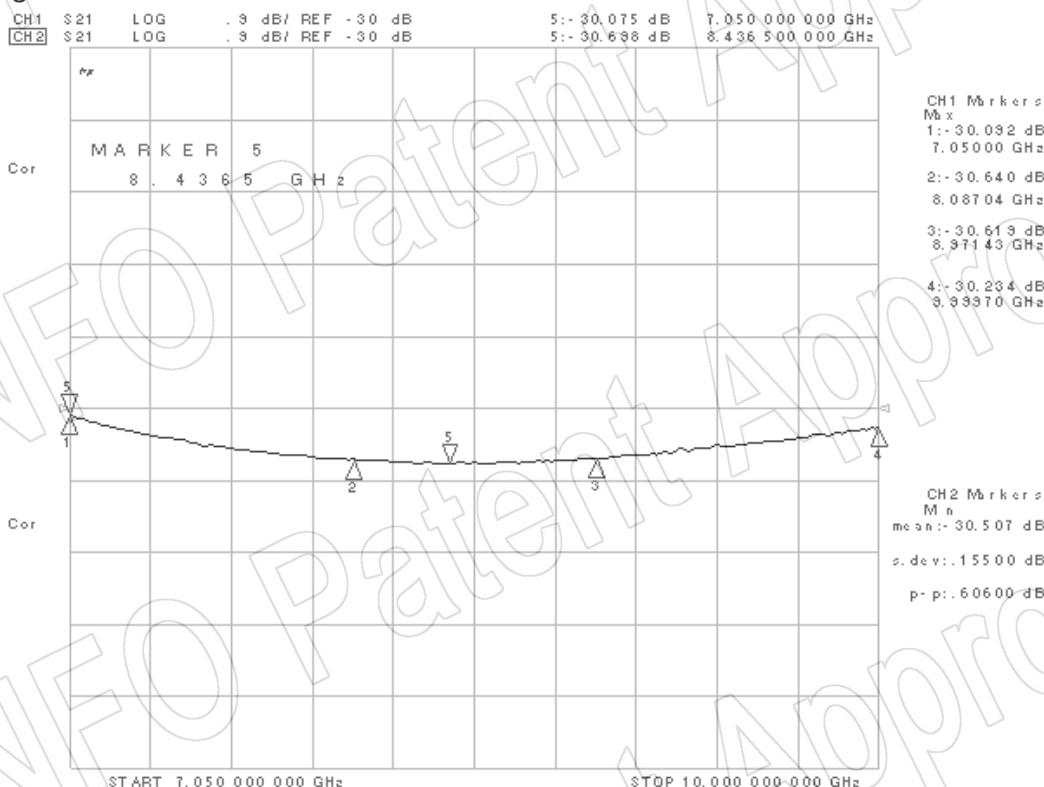
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

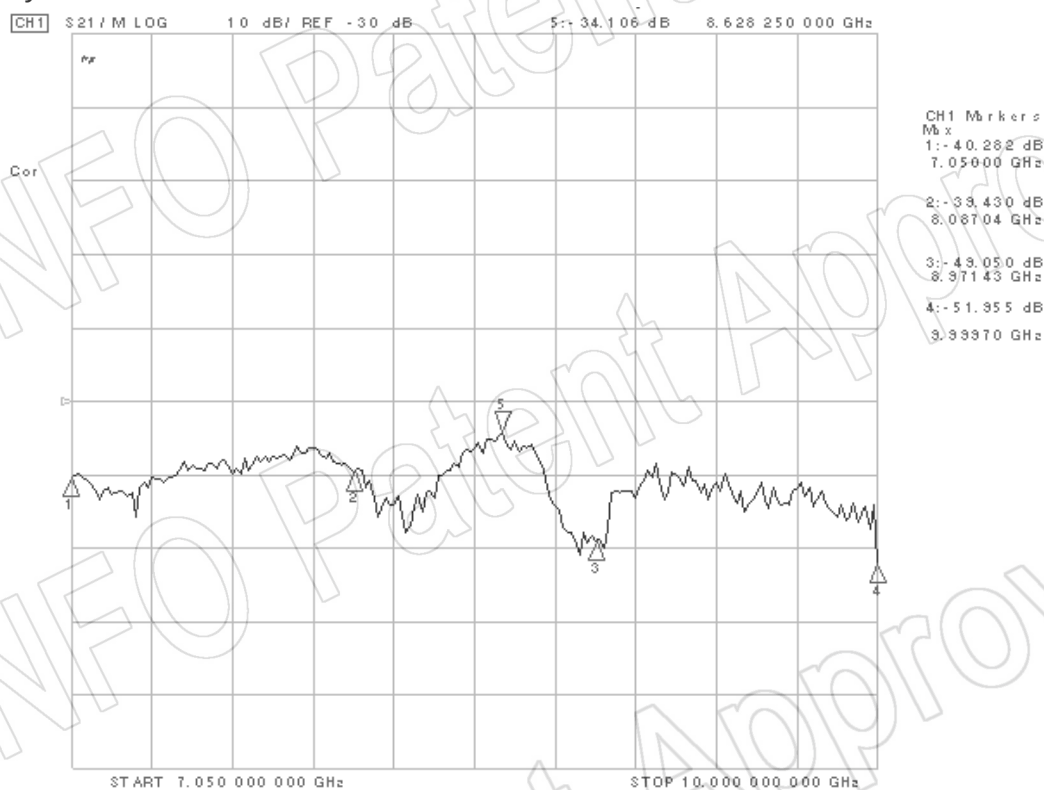
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

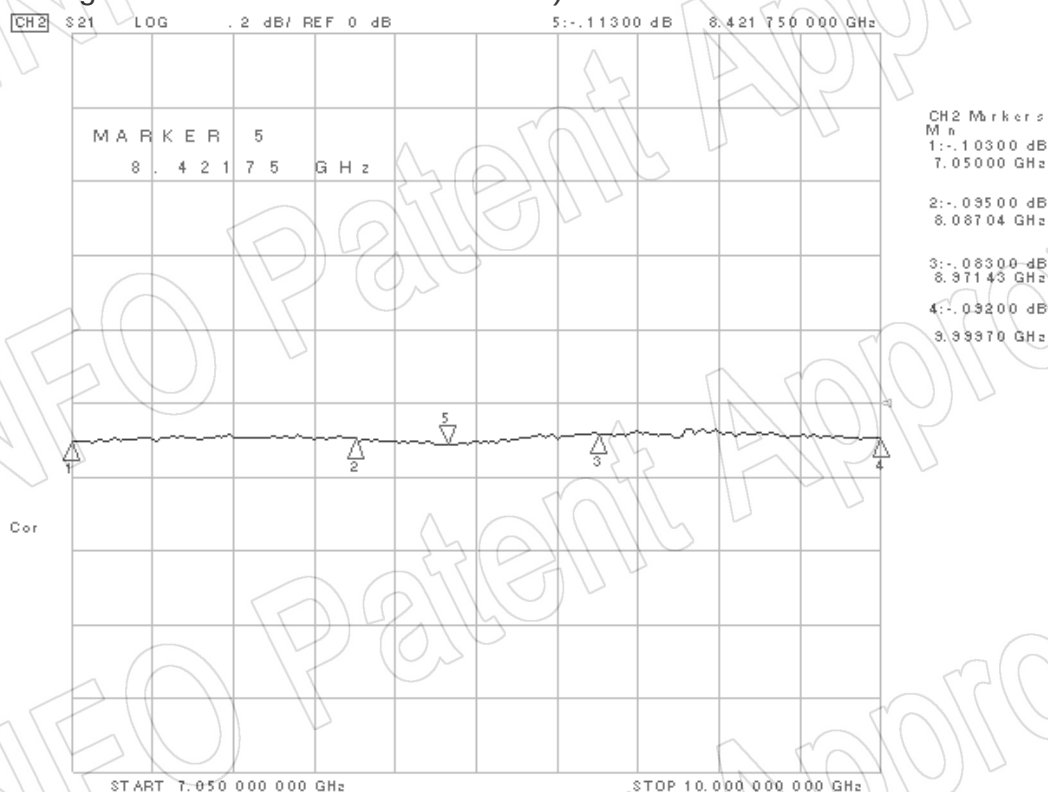
Coupling



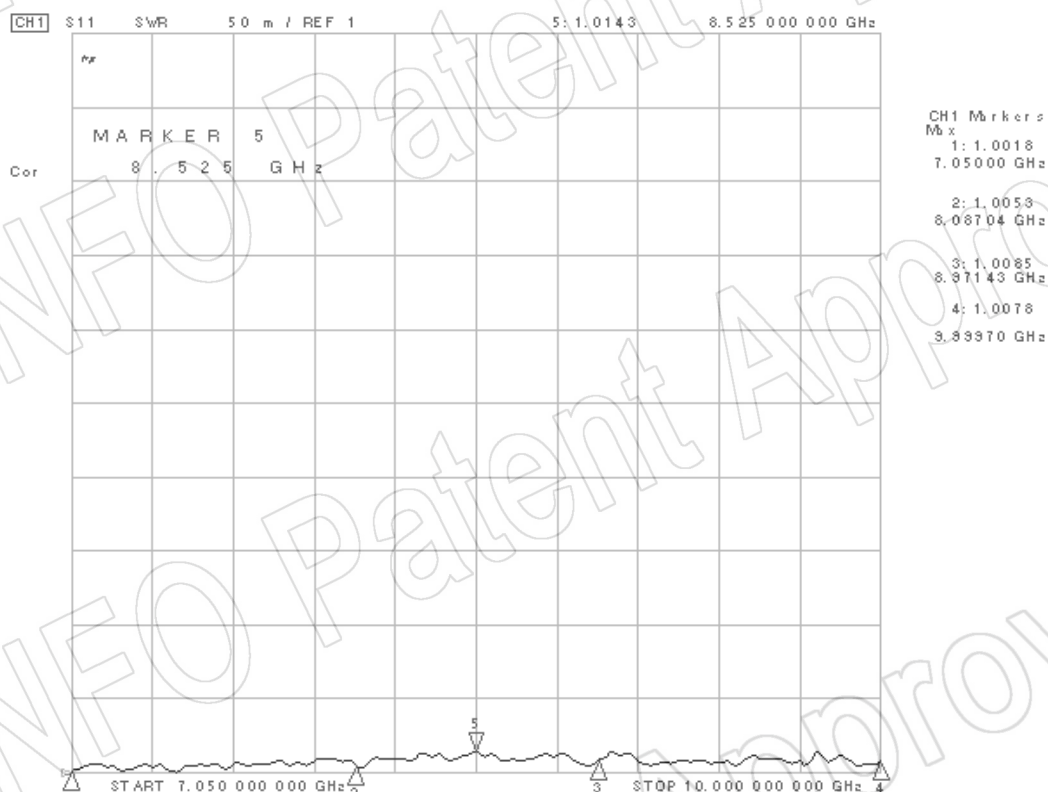
Directivity



I.L. (Including the theoretical loss 4.35×10^{-3} dB)



Mainline VSWR



AINFO Inc.

Page 4 of 5

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

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

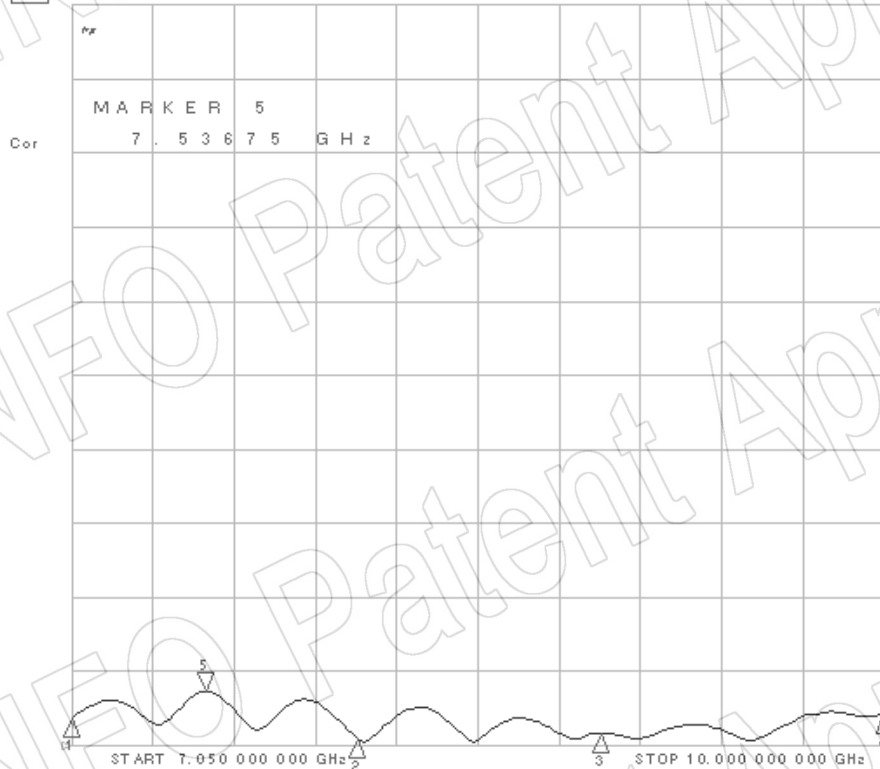
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

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

Secondline VSWR

CH1 S11 SWR 100 m / REF 1 5: 1.0727 7.536750000 GHz



CH1 Markers

1: 1.0387

7.05000 GHz

2: 1.0039

8.06704 GHz

3: 1.0163

8.97143 GHz

4: 1.0438

9.99370 GHz