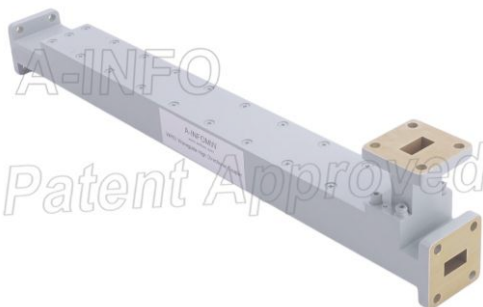


For reference only. See data sheet for the detailed specifications.

Technical Specification

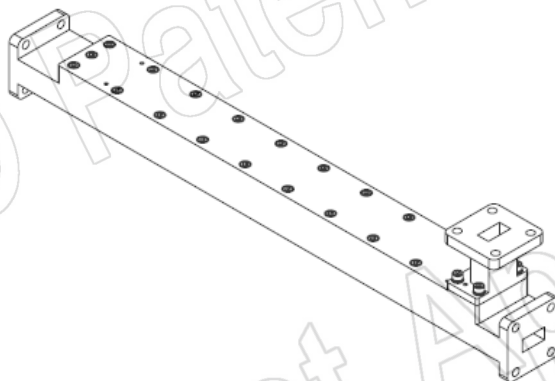


EIA WR	WR51
Frequency Range(GHz)	15.0 – 22.0
Coupling(dB)	6
Coupling Accuracy(dB)	±0.9 Max.
Frequency Sensitivity(dB)	±0.7 Max.
Directivity(dB)	30 Min.
Insertion Loss(dB)	0.8 Max. (Not including the theoretical loss 1.26dB)
VSWR Mainline	1.10:1 Max.
VSWR Secondline	1.15:1 Max
Flange	FBP180(UBR180)
Material	Al
Size(mm)	292.1 x 30.2 x 58.3
Net Weight(Kg)	0.40 Around

PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)



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Page 1 of 5

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

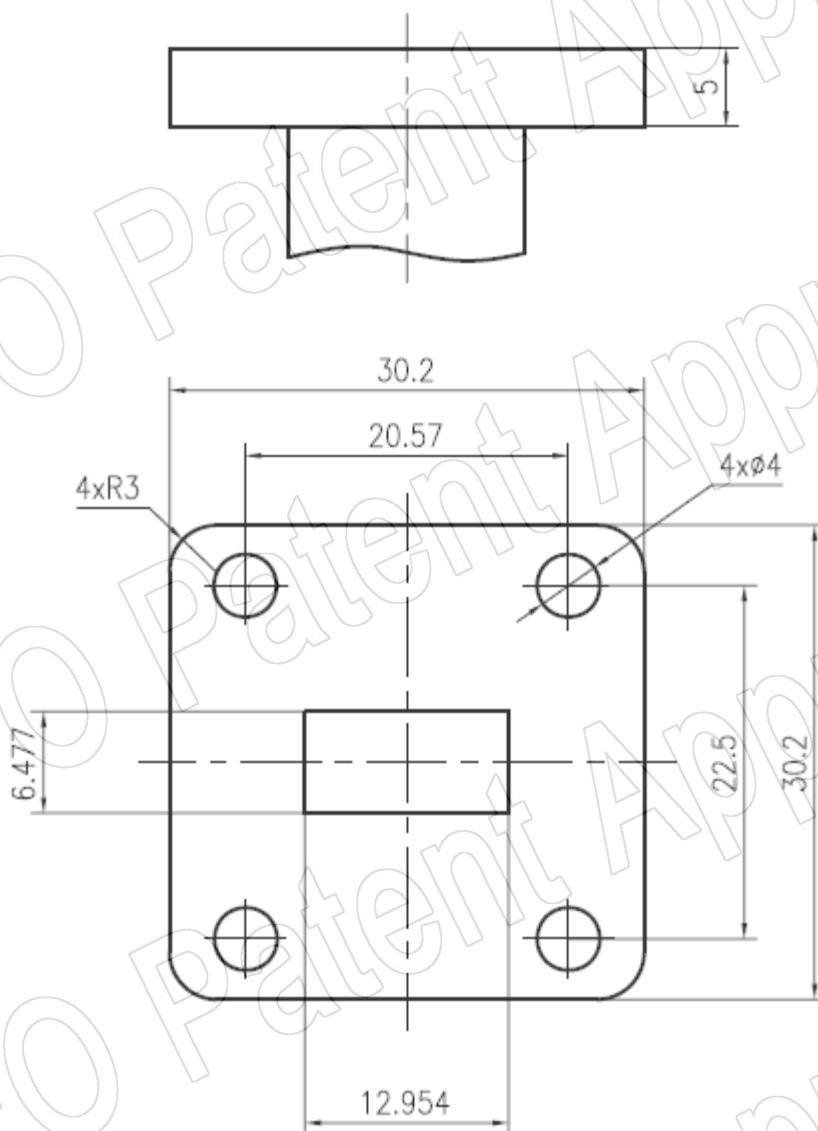
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+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)



FBP180

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USA :

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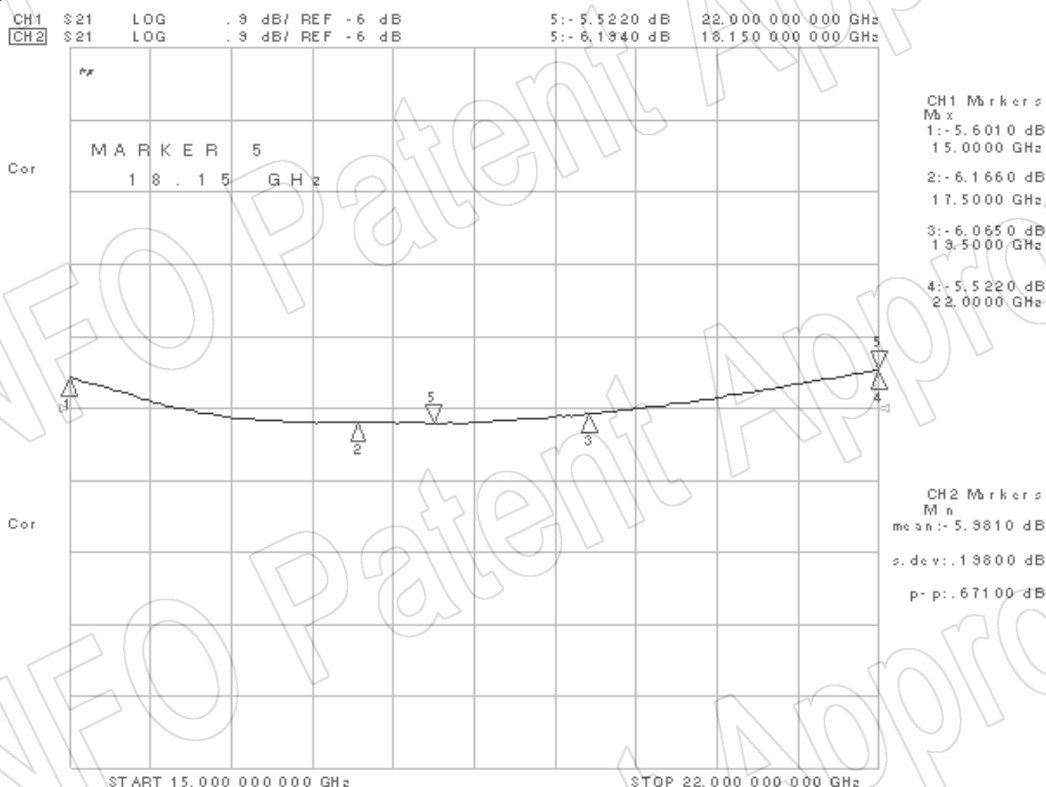
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

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

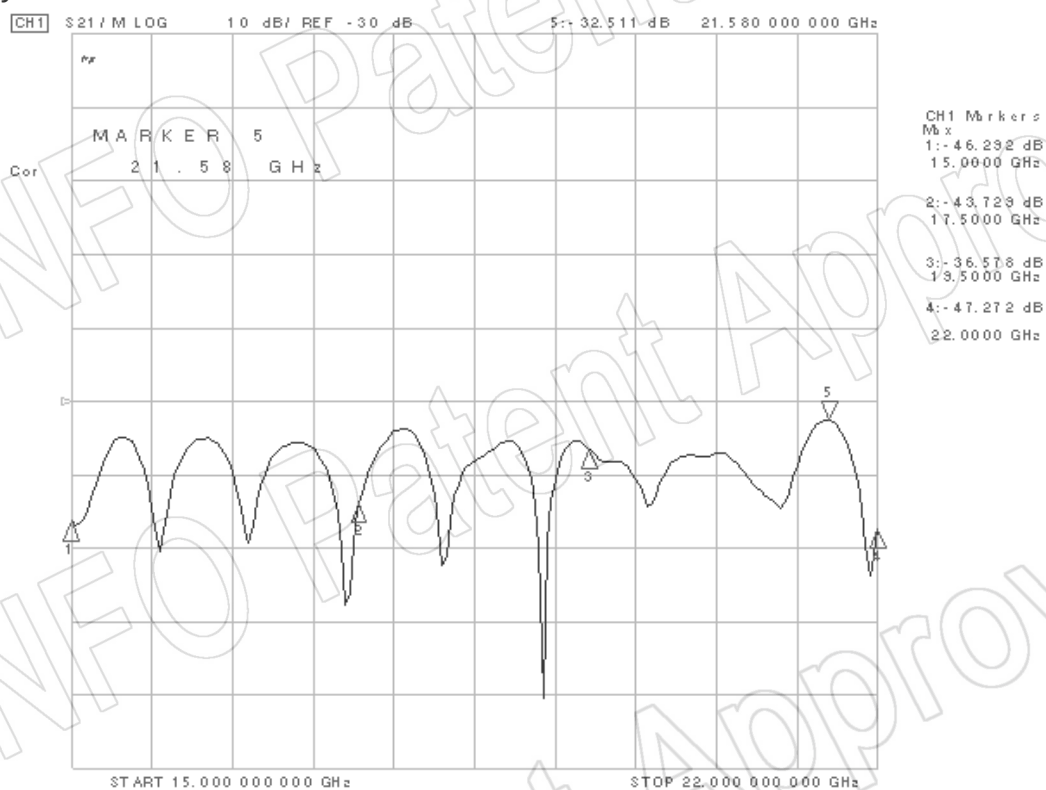
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Test Results

Coupling



Directivity



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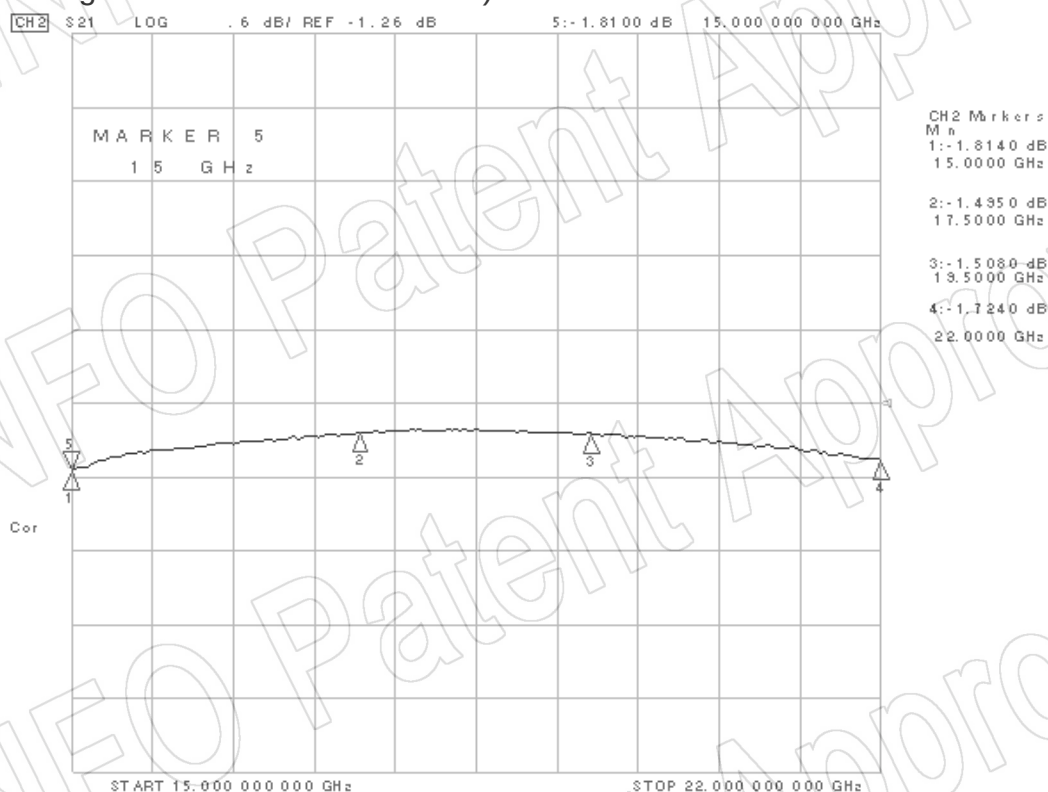
Tel: (+86) 10-6266-7326,
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Tel: (+1) 949-639-9688,

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

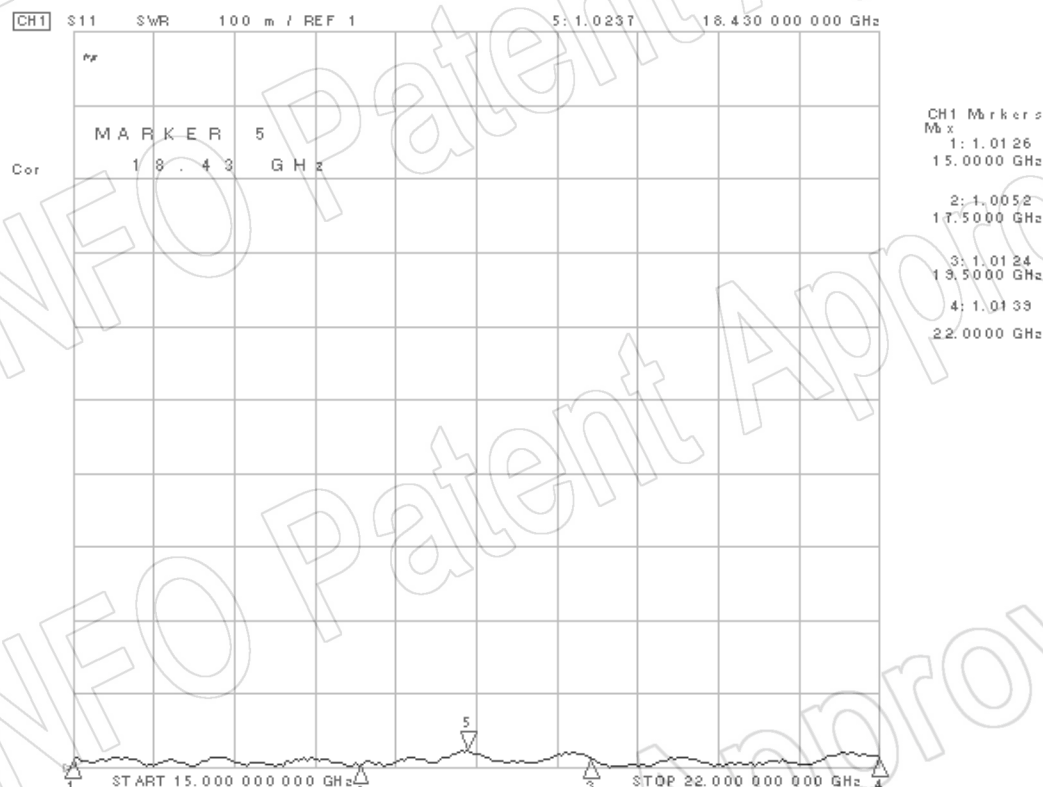
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I.L. (Including the theoretical loss 1.26dB)



Mainline VSWR



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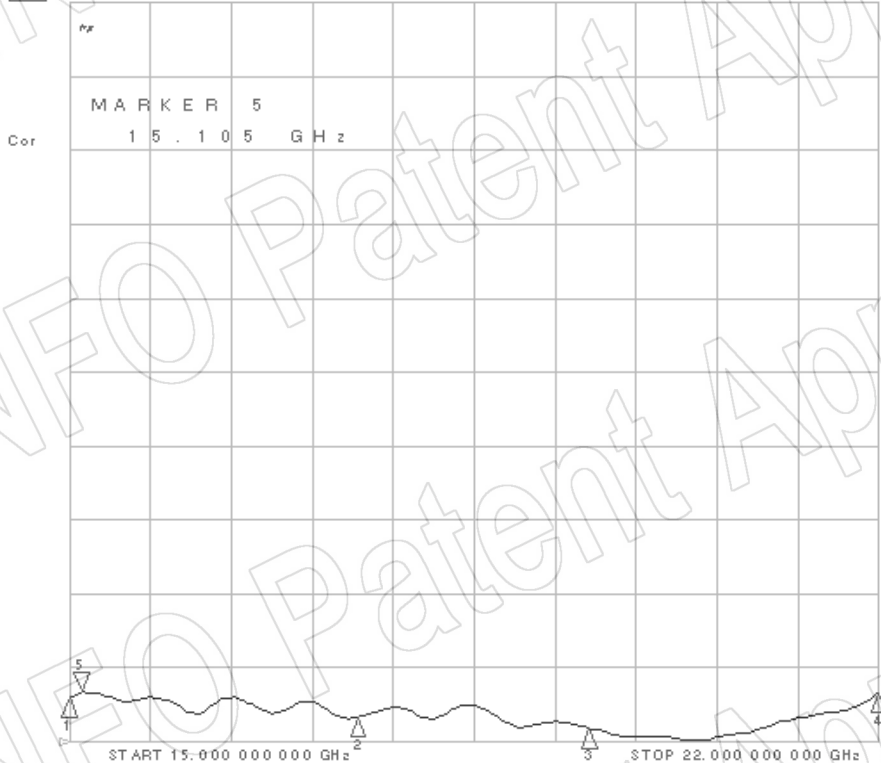
(+86) 10-6266-7327
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Secondline VSWR

CH1 S11 SWR 150 m / REF 1 5: 1.1008 15.105 000 000 GHz



CH1 Markers
Max
1: 1.0903
15.0000 GHz
2: 1.0497
17.5000 GHz
3: 1.0275
19.5000 GHz
4: 1.0381
22.0000 GHz