

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

Technical Specification



EIA WR	WR90
Frequency Range(GHz)	8.2 – 12.4
Coupling(dB)	20
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 0.04dB)
Mainline VSWR	1.05:1 Max.
Secondline VSWR	1.25:1 Max.
Flange	FBP100(UBR100)
Coupling Port	SMA-Female/SMA-Male
Material	Al
Size(mm)	423.68 x 41.4 x 51.4
Net Weight(Kg)	0.74 Around

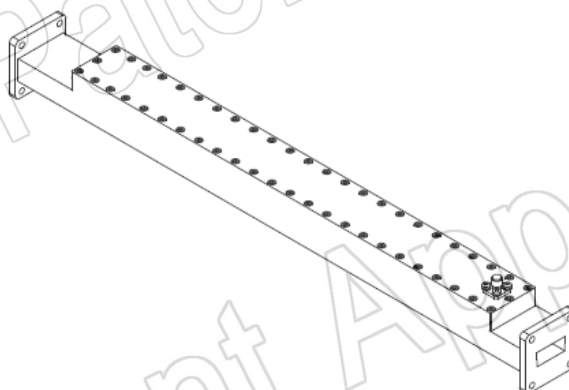
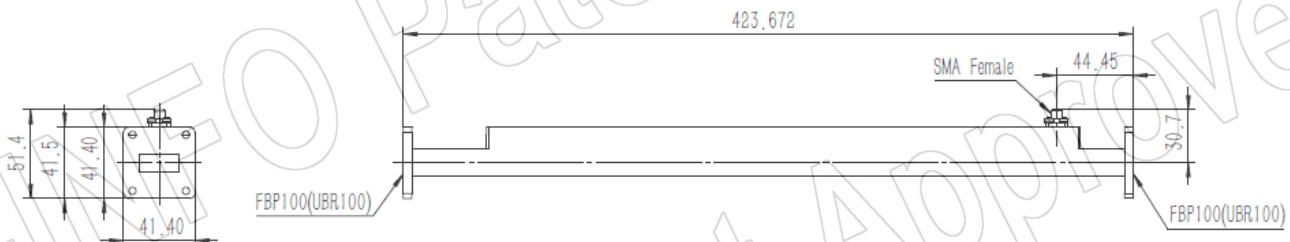
PATENT ID (China)

ZL201830355381.4

Outline Drawing (Size: mm)

Coupling Port: SMA-Female

For SMA-Male connector Coupling Port outline drawing, please contact A-INFO.



AINFO Inc.

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China(Chengdu):
USA :

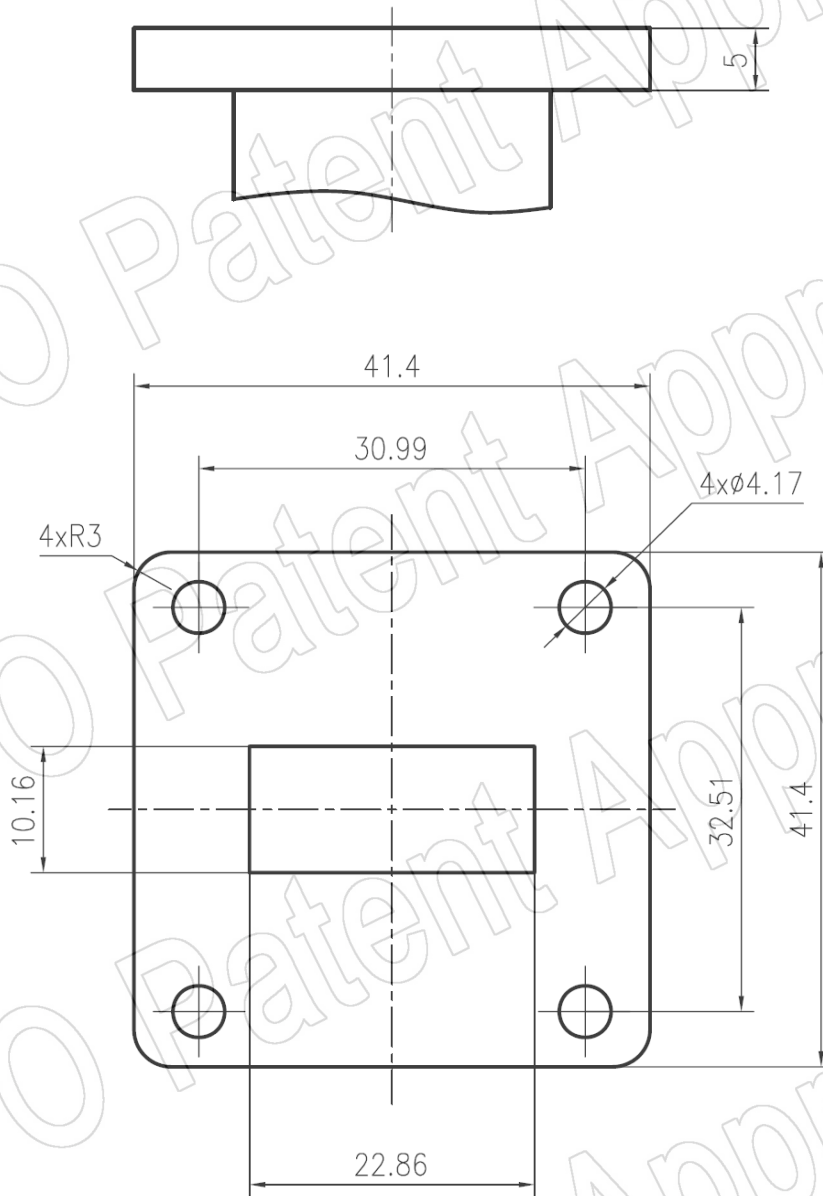
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Flange Drawing (Size: mm)



FBP100

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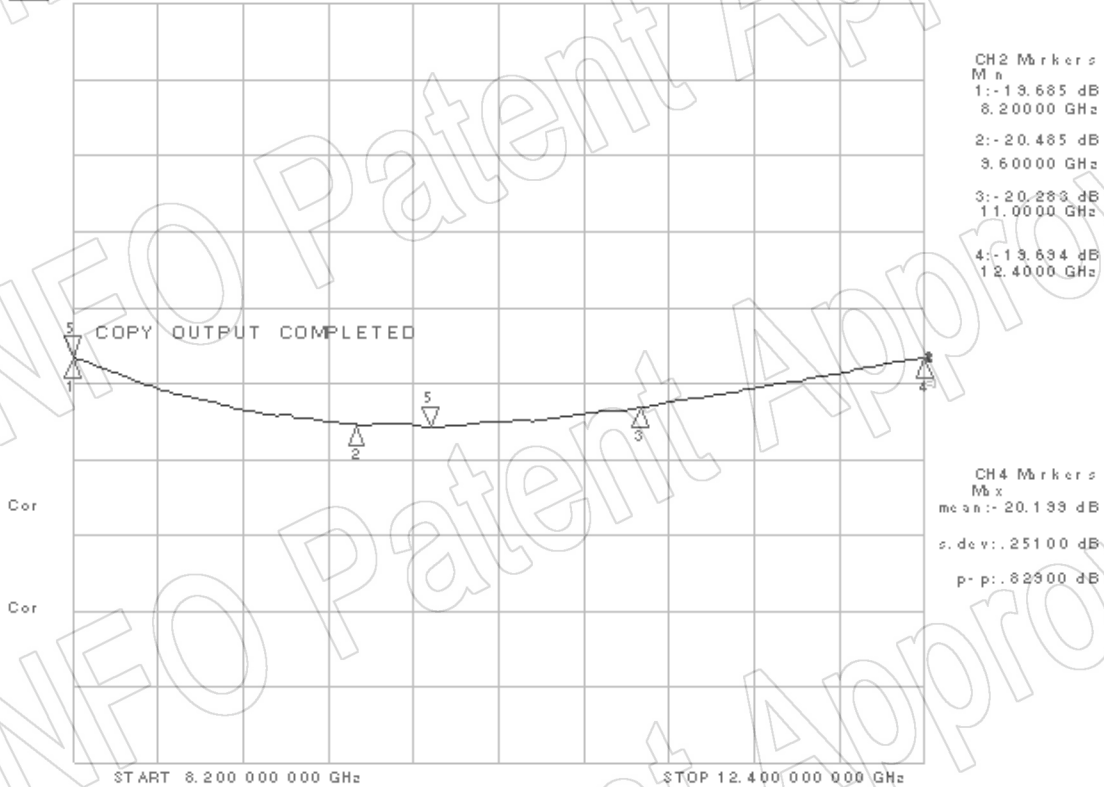
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Test Results

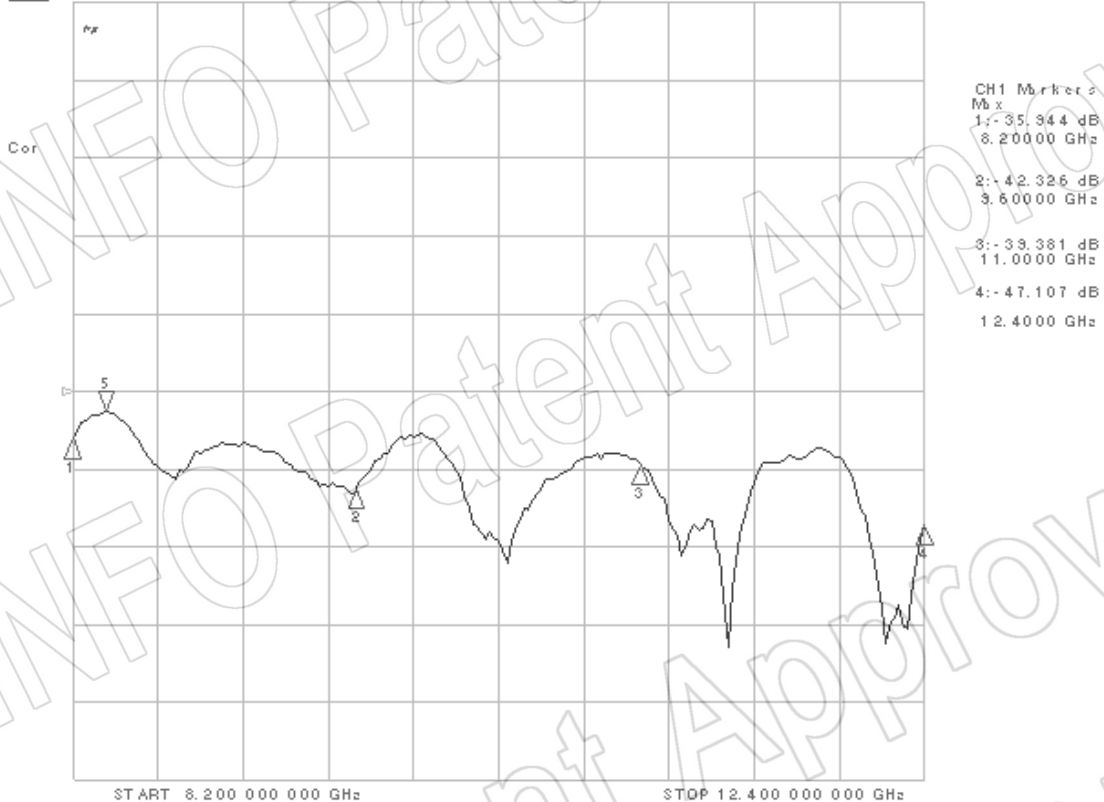
Coupling

CH2 S21 LOG .3 dB/ REF -20 dB 5:-20.514 dB 3.364 000 000 GHz
CH4 S21 LOG .3 dB/ REF -20 dB 5:-13.688 dB 8.200 000 000 GHz



Directivity

CH1 S21 / M LOG 10 dB/ REF -30 dB 5:-32.544 dB 8.368 000 000 GHz



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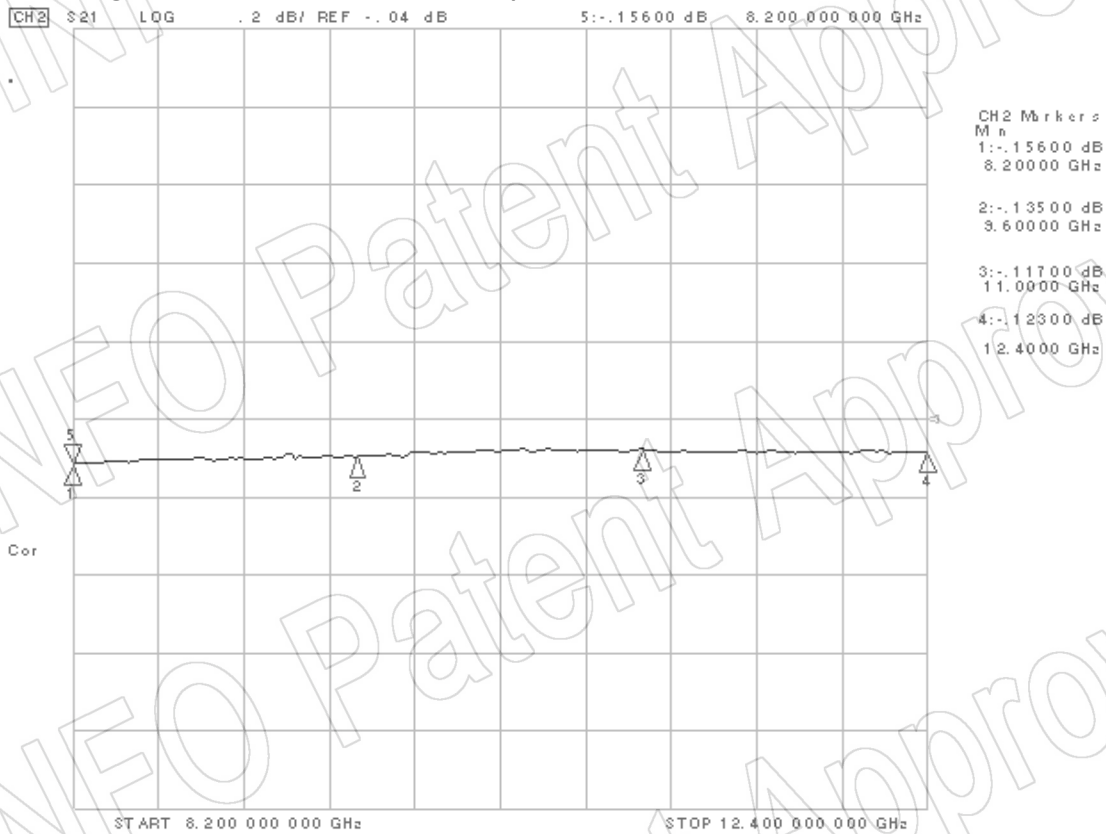
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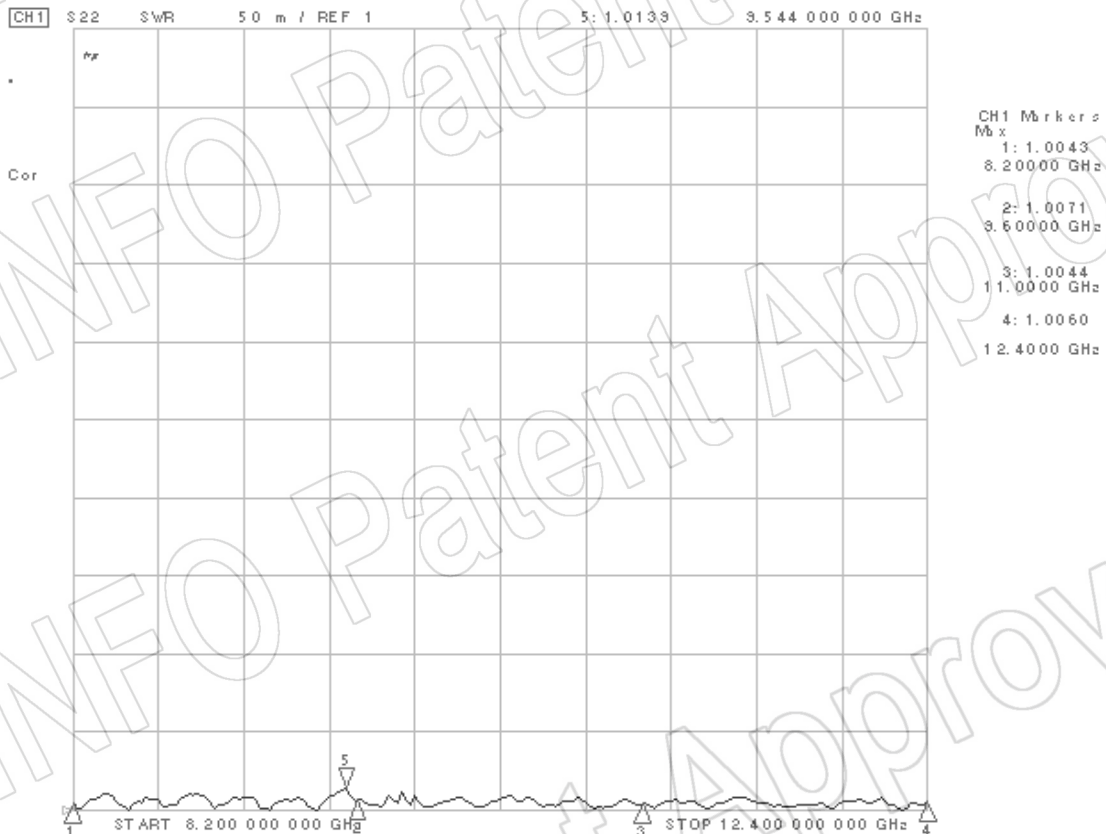
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I.L. (Including the theoretical loss 0.04dB)



Mainline VSWR



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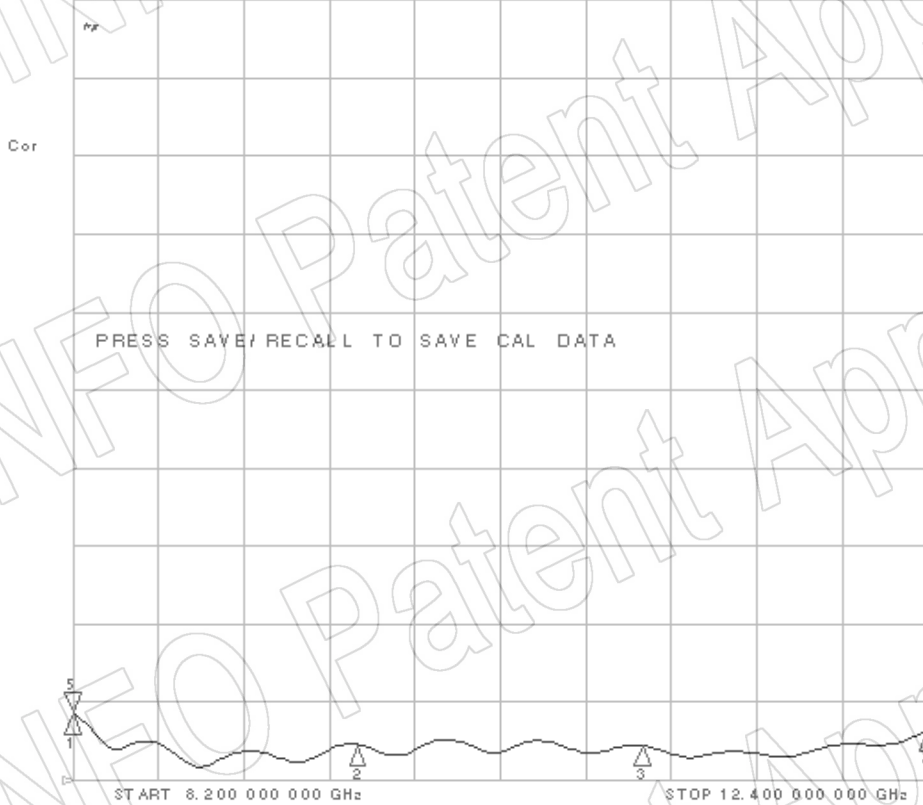
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Secondline VSWR

CH1 S22 SWR 250 m / REF 1 5: 1.2143 8.200 000 000 GHz



CH1 Markers
 1: 1.2142
 8.20000 GHz
 2: 1.1148
 9.60000 GHz
 3: 1.1108
 11.00000 GHz
 4: 1.1531
 12.40000 GHz