

Waveguide Cavity Band –Pass Filters

code-L1

13GHz-WR62

30GHz-WR42

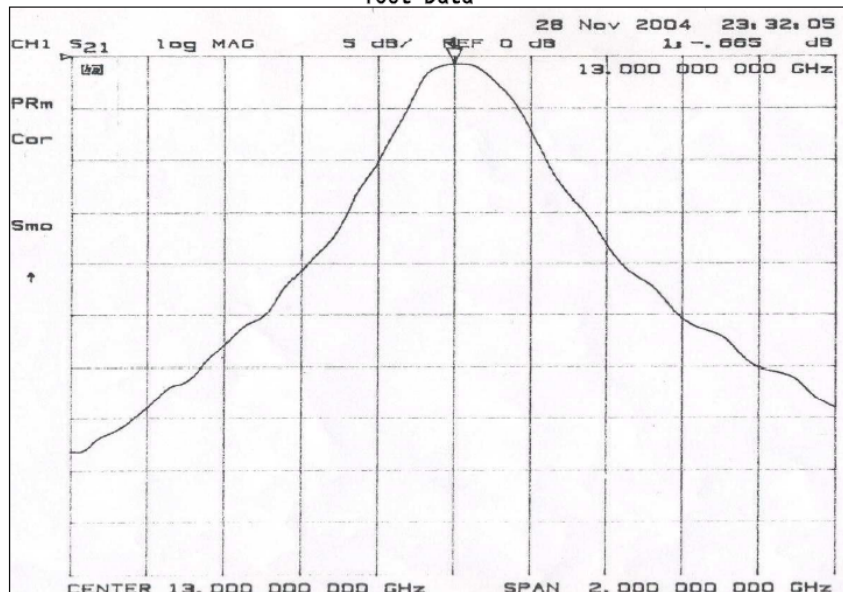
32GHz-WR28

55GHz-WR15

Pass-Bandwidth, 1~20% of Center Frequency, <0.8dB Insertion Loss

Number of Order, 2~9 Orders

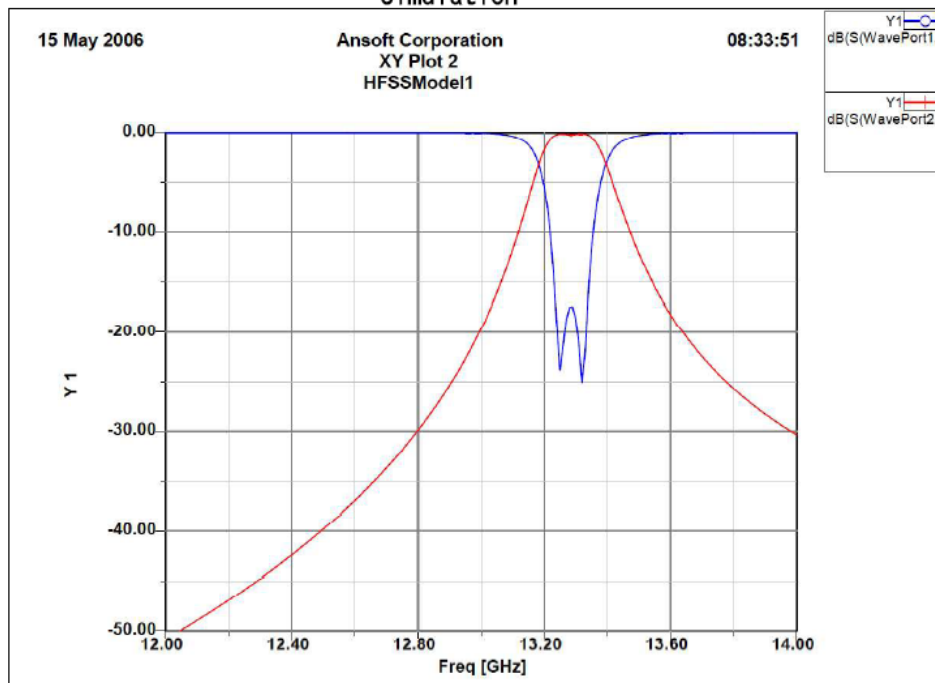
Test Data



Electrical Performance	13GHz Band Pass Filter (WR-62)	Units
Center Frequency :	13	GHz
Pass Band Width	100	GHz
Number of order	2	Poles

Order Examples: RCBPF-13.0-WR62-L1

Simulation



Waveguide Cavity Band –Pass Filters

code-L1

13GHz-WR62

30GHz-WR42

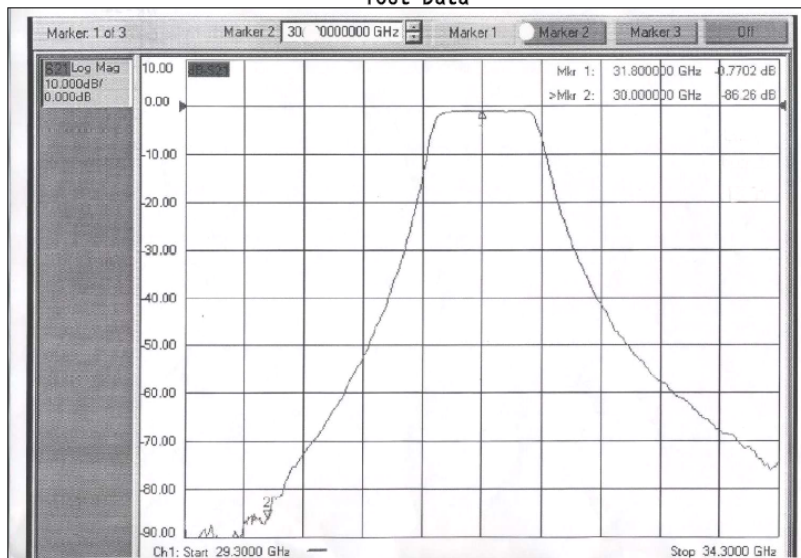
32GHz-WR28

55GHz-WR15

Pass-Bandwidth, 1~20% of Center Frequency, <0.8dB Insertion Loss

Number of Order, 2~9 Orders

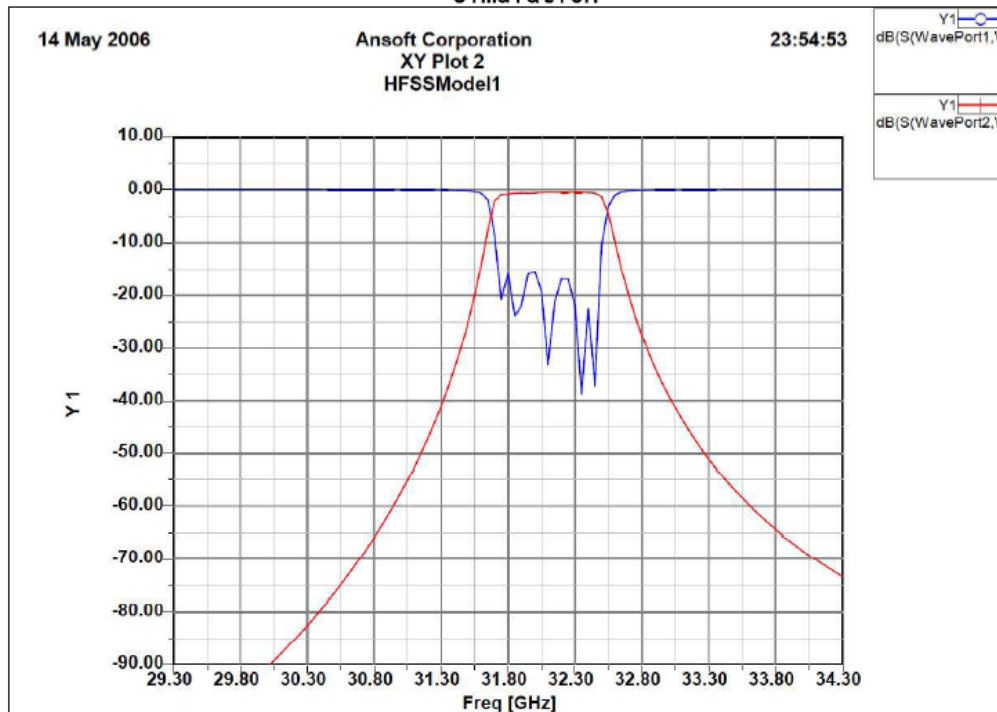
Test Data



Electrical Performance	20GHz Band Pass Filter (WR-42)	Units
Center Frequency :	20	GHz
Pass Band Width	2	MHz
Number of order	7	Poles

Order Examples: RCBPF-20.0-WR42-L1

Simulation



Waveguide Cavity Band –Pass Filters

code-L1

13GHz-WR62

30GHz-WR42

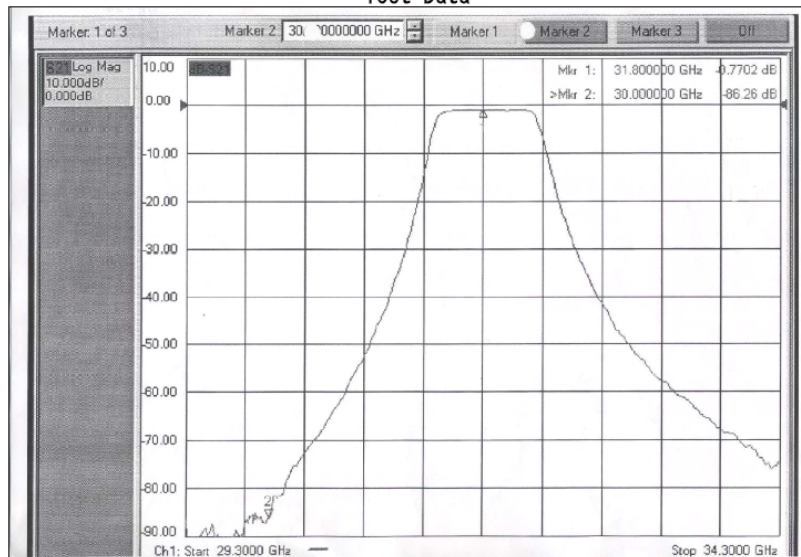
32GHz-WR28

55GHz-WR15

Pass-Bandwidth, 1~20% of Center Frequency, <0.8dB Insertion Loss

Number of Order, 2~9 Orders

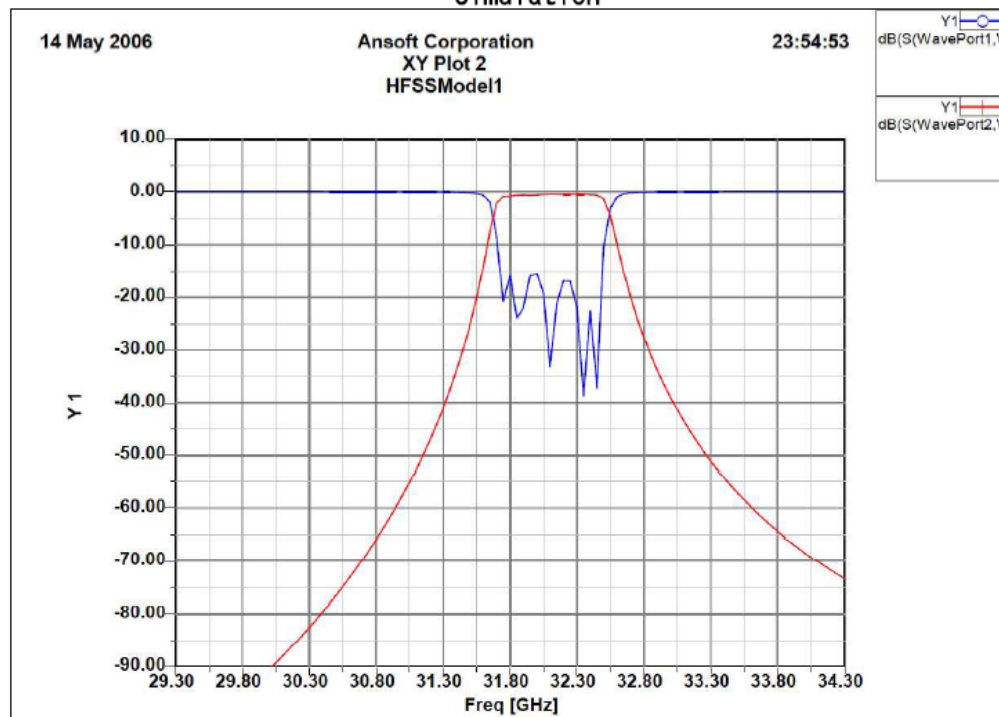
Test Data



Electrical Performance	32GHz Band Pass Filter (WR-28)	Units
Center Frequency :	31.8	GHz
Pass Band Width	800	MHz
Number of order	5	Poles

Order Examples: RCBPF-31.8-WR28-L1

Simulation



Waveguide Cavity Band –Pass Filters

code-L1

13GHz-WR62

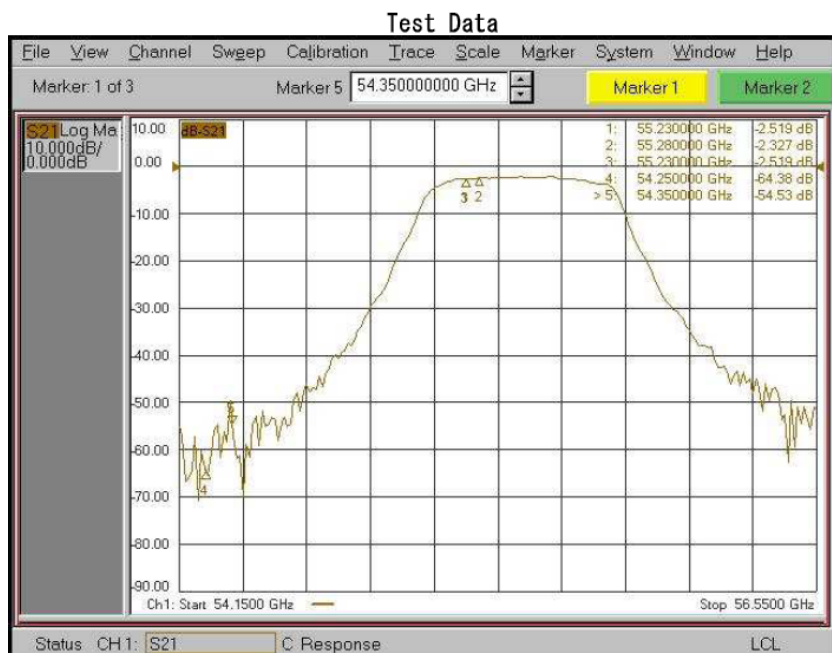
30GHz-WR42

32GHz-WR28

55GHz-WR15

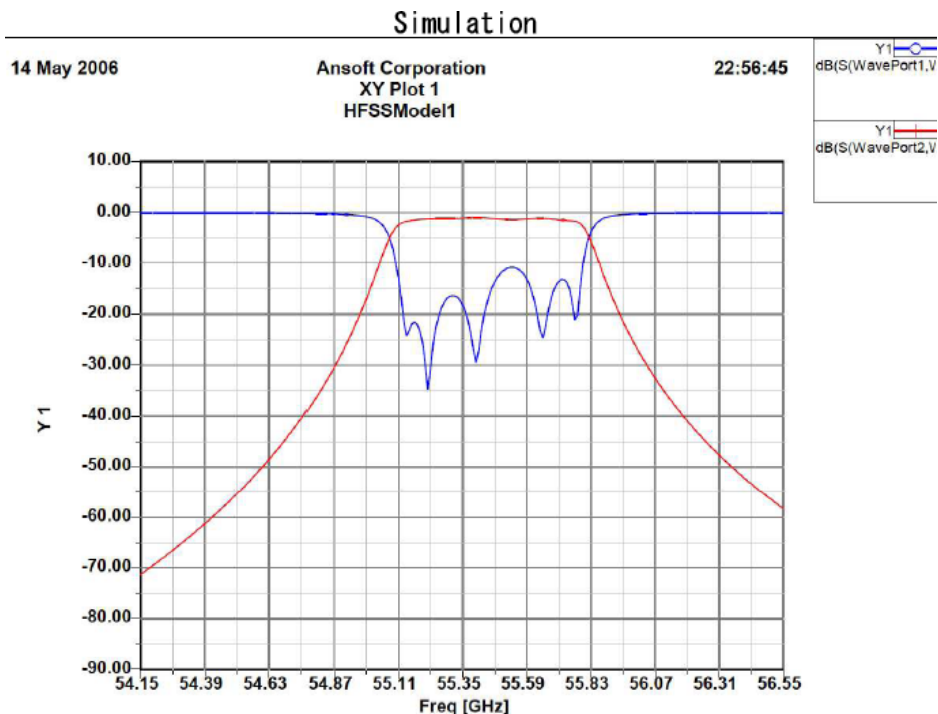
Pass-Bandwidth, 1~20% of Center Frequency, <0.8dB Insertion Loss

Number of Order, 2~9 Orders



Electrical Performance	55GHz Band Pass Filter(WR-15)	Units
Center Frequency :	54.25	GHz
Pass Band Width	500	MHz
Number of order	5	Poles

Order Examples: RCBPF-54.26-WR15-L1



RCBPF-13-55-WG-Generic-L1

Specifications may be subject to change

12/01/08

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com , E-mail: sales@raditek.com