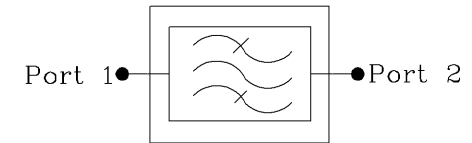
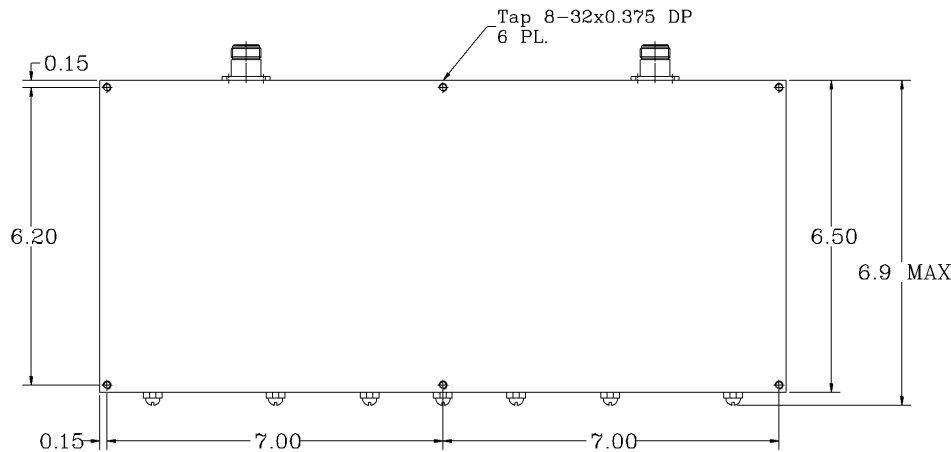
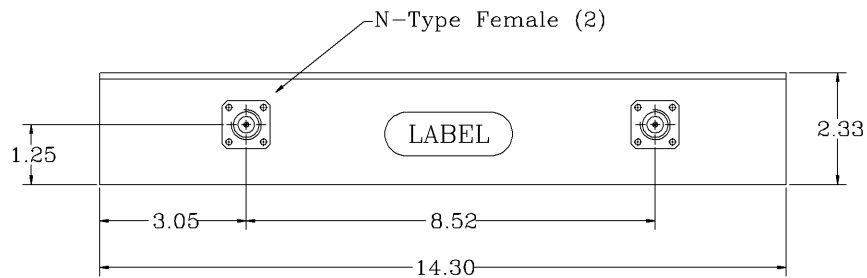


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications (Over Entire Operating Temperature Range)

- \*1dB Pass Frequency Range [MHz] : 335.75 to 344.25
- \*Pass Band Insertion Loss [dB] : < 1.0, 0.9 (Typ.)
- \*Pass Band Ripple [dB] : < 0.5 P-T-P
- \*Attenuation DC to 320 MHz [dB] : 60 (Min.), 70 (Typ.)
- 332.5 & 347.5 MHz [dB] : 40 (Min.)
- 350 to 830 MHz [dB] : 60 (Min.), 70 (Typ.)
- 830 to 930 MHz [dB] : 60 (Typ.)
- 930 to 990 MHz [dB] : 30 (Min.), 35 (Typ.)
- \*Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 150 Watts
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +55°C

PROPRIETARY DOCUMENT:  
THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

NOTES:

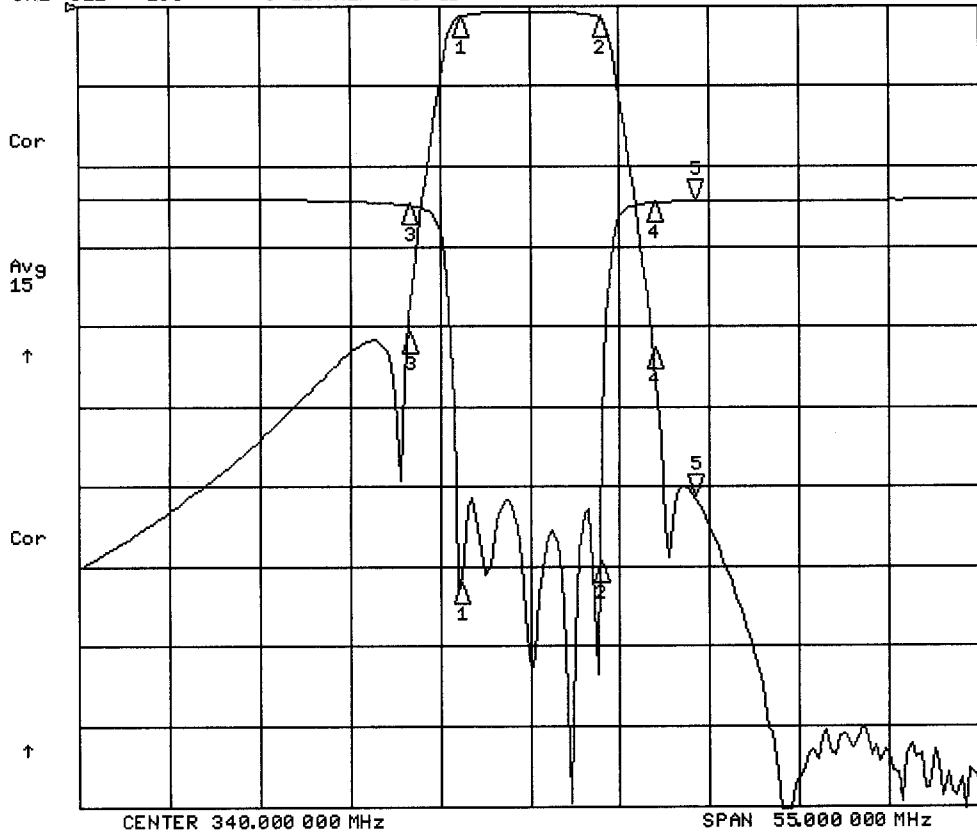
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES DECIMALS ± 1° X ± .05 XX ± .01 .XXX ± .003		CONTRACT NO:		<b>G-Way Microwave</b>			
TREATMENT		APPROVALS					
FINISH 63/		DRAWN Sivak		05/09		TITLE High Power Filter UHF CB340/8MK-F3	
MATERIAL AL6061-T6		ENG. DESIGN ACTIVITY		CHECKED		SIZE CAGE CODE DWG NO: A 3K1H4 CB340/8MK-F3-1	
						REV. 0	
				SCALE None		SHEET 1 OF 1	

+55°C

18 May 2009 10:10:12

CH1 S21 LOG 10 dB/REF 0 dB 5:-61.098 dB 350.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.19220 dB



CH1 Markers

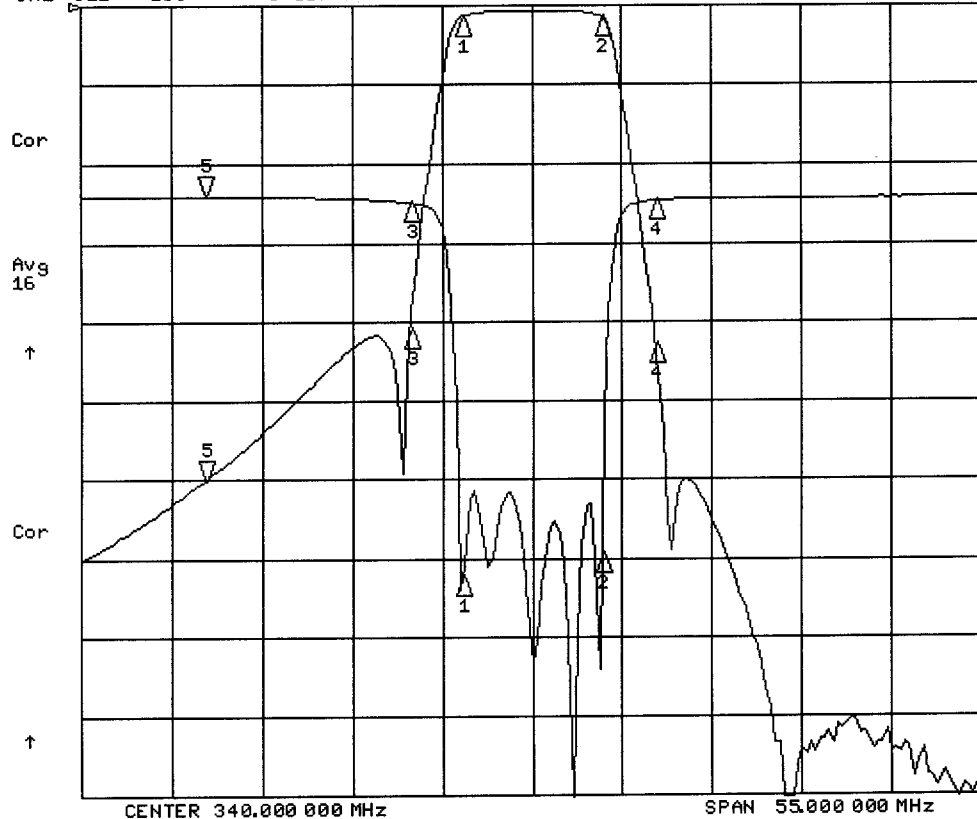
1:-1.3440 dB  
335.750 MHz  
2:-1.4235 dB  
344.250 MHz  
3:-40.962 dB  
332.500 MHz  
4:-42.852 dB  
347.500 MHz

CH2 Markers

1:-24.106 dB  
335.750 MHz  
2:-22.825 dB  
344.250 MHz  
3:-42880 dB  
332.500 MHz  
4:-.29430 dB  
347.500 MHz

18 May 2009 10:10:28

CH1 S21 LOG 10 dB/REF 0 dB 5:-60.104 dB 320.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.01660 dB



CH1 Markers

1:-1.3410 dB  
335.750 MHz  
2:-1.4242 dB  
344.250 MHz  
3:-40.842 dB  
332.500 MHz  
4:-42.857 dB  
347.500 MHz

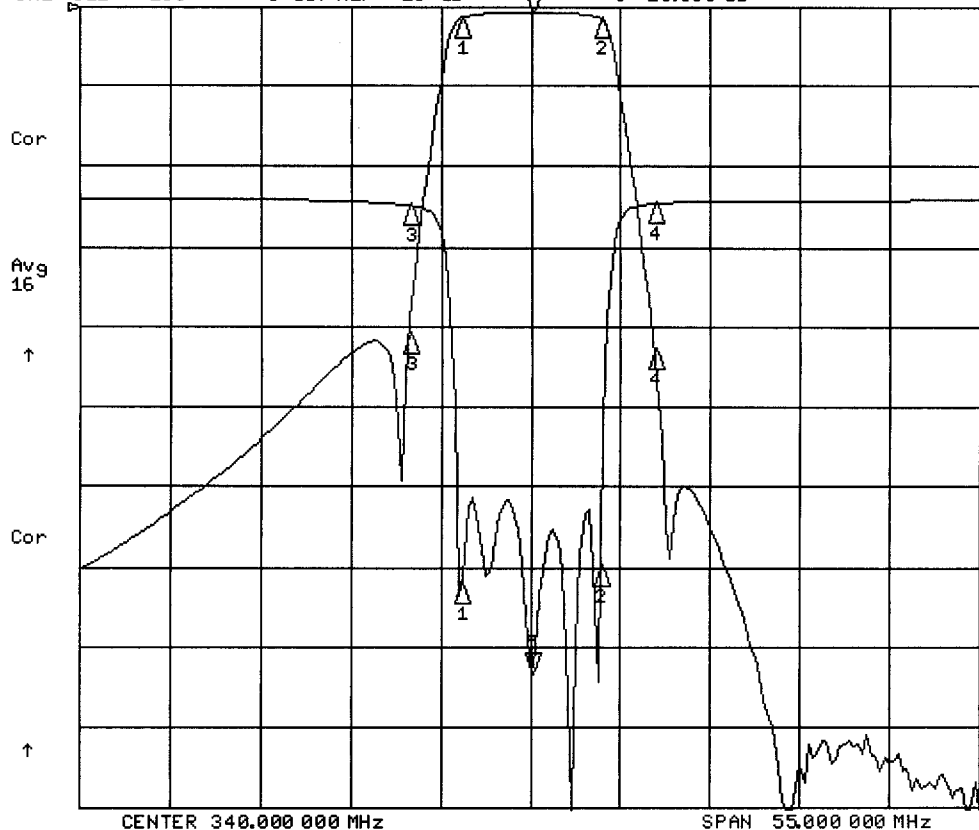
CH2 Markers

1:-24.056 dB  
335.750 MHz  
2:-22.686 dB  
344.250 MHz  
3:-.43080 dB  
332.500 MHz  
4:-.29160 dB  
347.500 MHz

+55°C

18 May 2009 10:10:42

CH1 S21 LOG 10 dB/REF 0 dB 5 5:-.72250 dB 340.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-29.636 dB



CH1 Markers

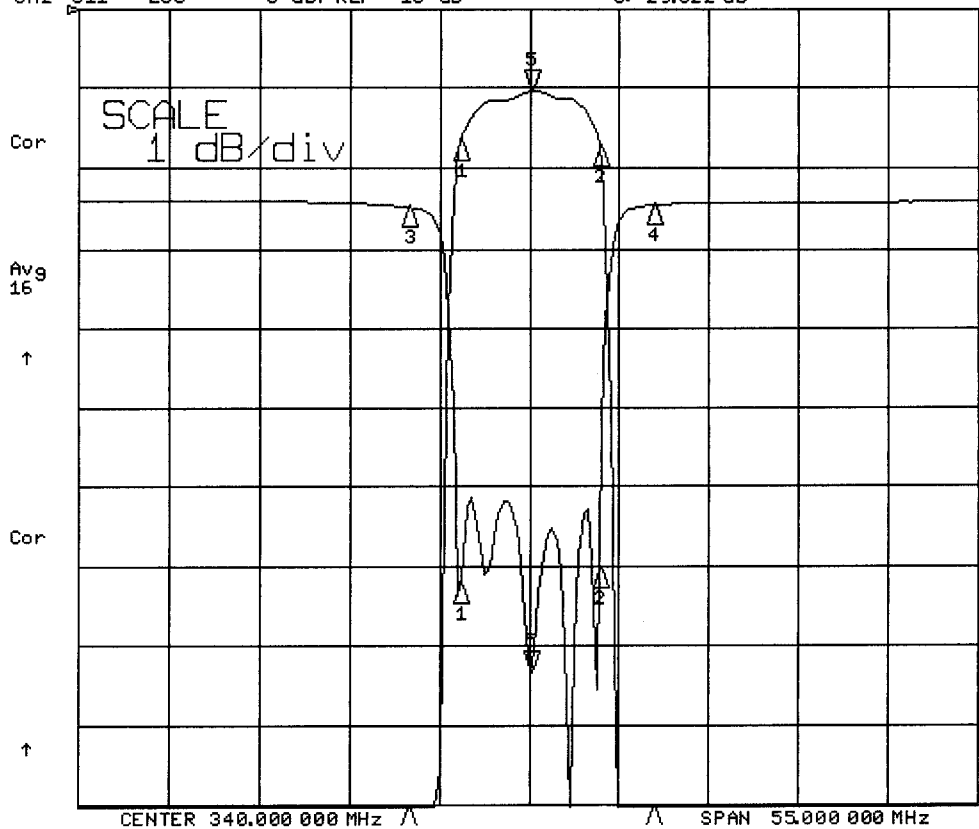
1:-1.3433 dB  
335.750 MHz  
2:-1.4166 dB  
344.250 MHz  
3:-40.918 dB  
332.500 MHz  
4:-42.837 dB  
347.500 MHz

CH2 Markers

1:-24.028 dB  
335.750 MHz  
2:-22.886 dB  
344.250 MHz  
3:-42910 dB  
332.500 MHz  
4:-.29230 dB  
347.500 MHz

18 May 2009 10:10:56

CH1 S21 LOG 1 dB/REF .316 dB 5 5:-.72130 dB 340.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-29.622 dB



CH1 Markers

1:-1.3472 dB  
335.750 MHz  
2:-1.4152 dB  
344.250 MHz  
3:-40.972 dB  
332.500 MHz  
4:-42.784 dB  
347.500 MHz

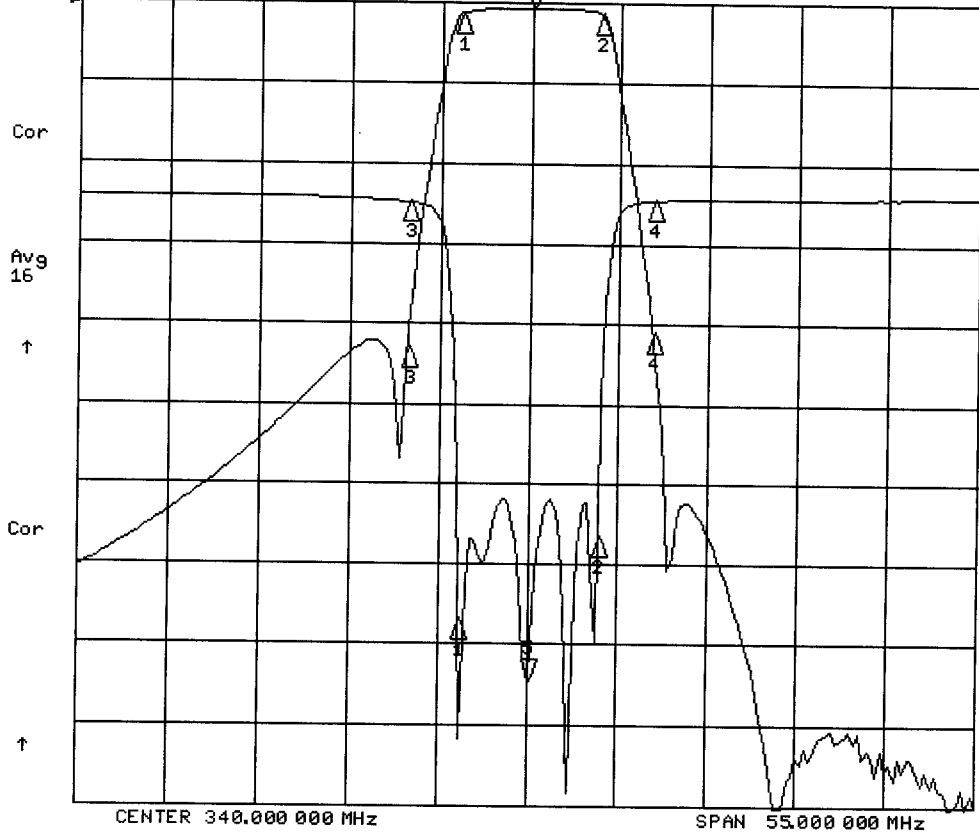
CH2 Markers

1:-24.164 dB  
335.750 MHz  
2:-23.208 dB  
344.250 MHz  
3:-42950 dB  
332.500 MHz  
4:-.29390 dB  
347.500 MHz

# ROOM TEMP.

18 May 2009 06:46:51

CH1 S21 LOG 10 dB/REF 0 dB 5: -.69740 dB 340.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5: -30.188 dB



### CH1 Markers

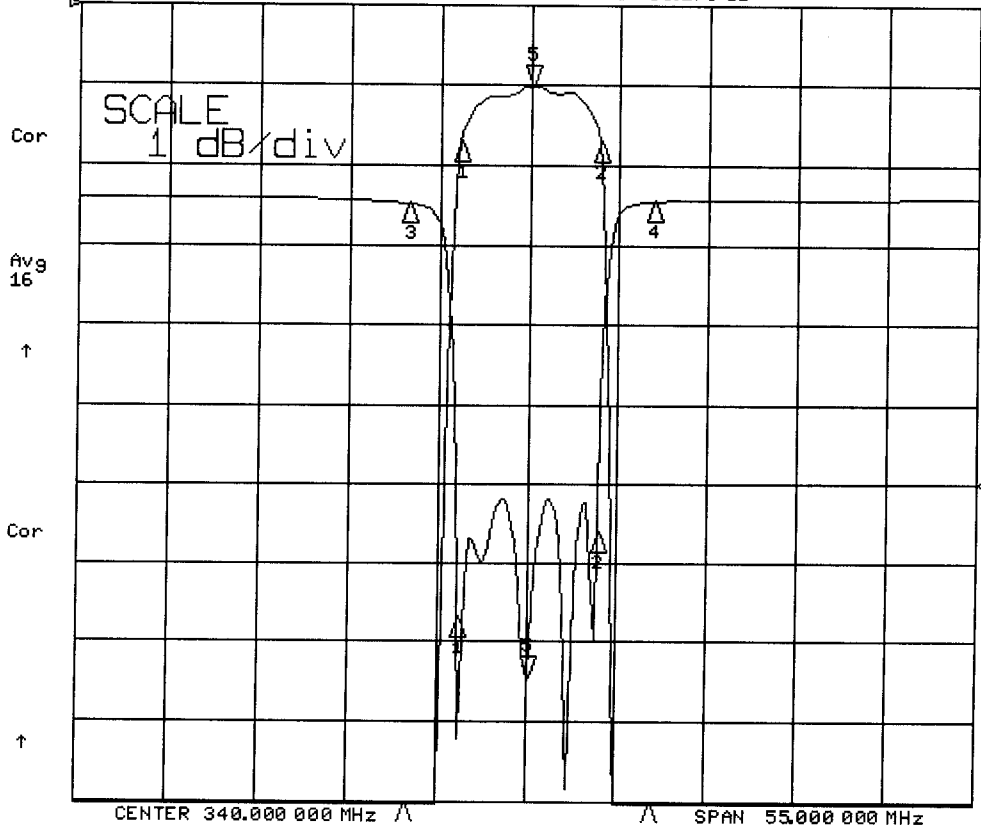
- 1: -1.4141 dB  
335.750 MHz
- 2: -1.4023 dB  
344.250 MHz
- 3: -43.084 dB  
332.500 MHz
- 4: -41.187 dB  
347.500 MHz

### CH2 Markers

- 1: -26.545 dB  
335.750 MHz
- 2: -21.340 dB  
344.250 MHz
- 3: -40.670 dB  
332.500 MHz
- 4: -27.050 dB  
347.500 MHz

18 May 2009 06:47:00

CH1 S21 LOG 1 dB/REF .312 dB 5: -.69550 dB 340.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5: -30.279 dB



### CH1 Markers

- 1: -1.4095 dB  
335.750 MHz
- 2: -1.4028 dB  
344.250 MHz
- 3: -43.057 dB  
332.500 MHz
- 4: -41.390 dB  
347.500 MHz

### CH2 Markers

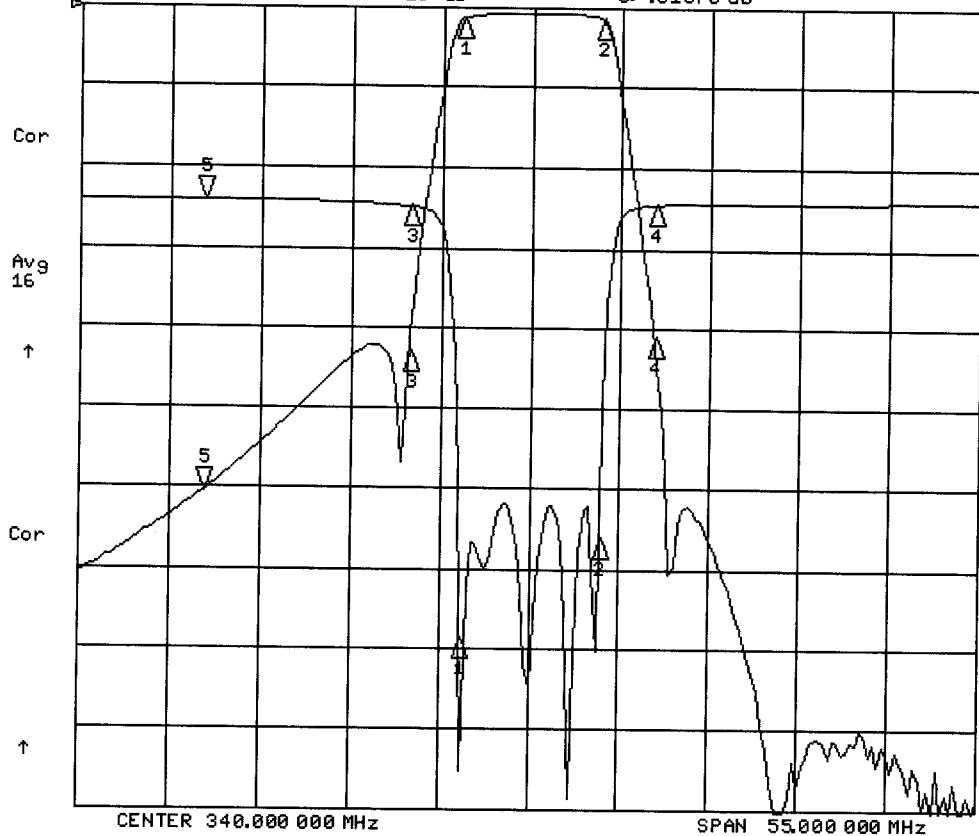
- 1: -26.460 dB  
335.750 MHz
- 2: -21.078 dB  
344.250 MHz
- 3: -40.410 dB  
332.500 MHz
- 4: -27.170 dB  
347.500 MHz

ROOM TEMP.

18 May 2009 06:46:15

CH1 S21 LOG 10 dB/REF 0 dB  
CH2 S11 LOG 5 dB/REF -18 dB

S:-60.364 dB 320.000 000 MHz  
S:-.01570 dB



CH1 Markers

1:-1.4191 dB  
335.750 MHz  
2:-1.4002 dB  
344.250 MHz  
3:-43.114 dB  
332.500 MHz  
4:-41.144 dB  
347.500 MHz

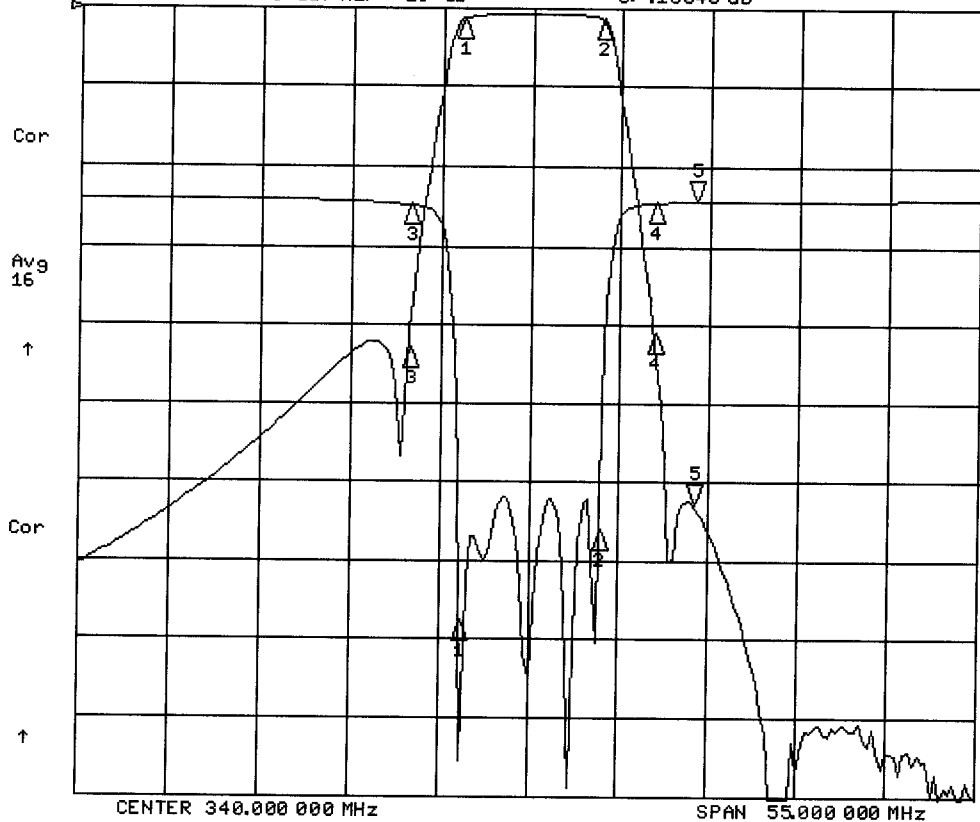
CH2 Markers

1:-27.320 dB  
335.750 MHz  
2:-21.135 dB  
344.250 MHz  
3:-.40480 dB  
332.500 MHz  
4:-.27270 dB  
347.500 MHz

18 May 2009 06:46:35

CH1 S21 LOG 10 dB/REF 0 dB  
CH2 S11 LOG 5 dB/REF -18 dB

S:-62.877 dB 350.000 000 MHz  
S:-.18040 dB



CH1 Markers

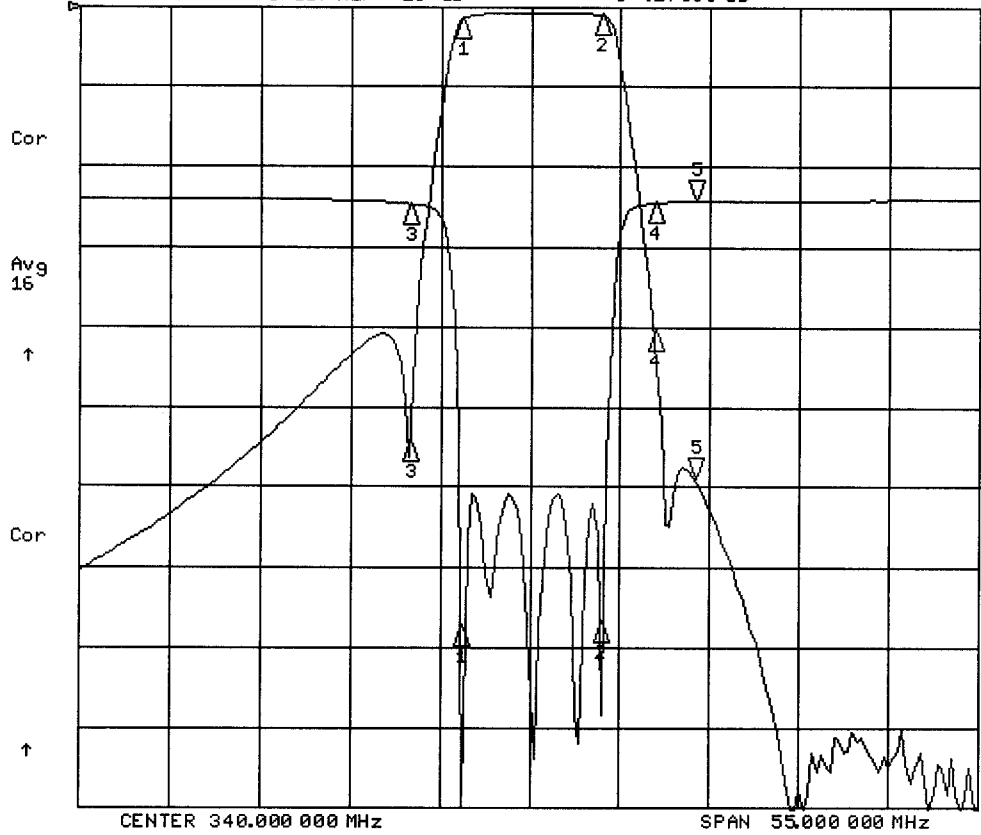
1:-1.4169 dB  
335.750 MHz  
2:-1.4022 dB  
344.250 MHz  
3:-43.101 dB  
332.500 MHz  
4:-41.096 dB  
347.500 MHz

CH2 Markers

1:-26.923 dB  
335.750 MHz  
2:-21.121 dB  
344.250 MHz  
3:-.40840 dB  
332.500 MHz  
4:-.27230 dB  
347.500 MHz

-20 °C

18 May 2009 08:43:17  
CH1 S21 LOG 10 dB/REF 0 dB 5:-58.987 dB 350.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.17830 dB



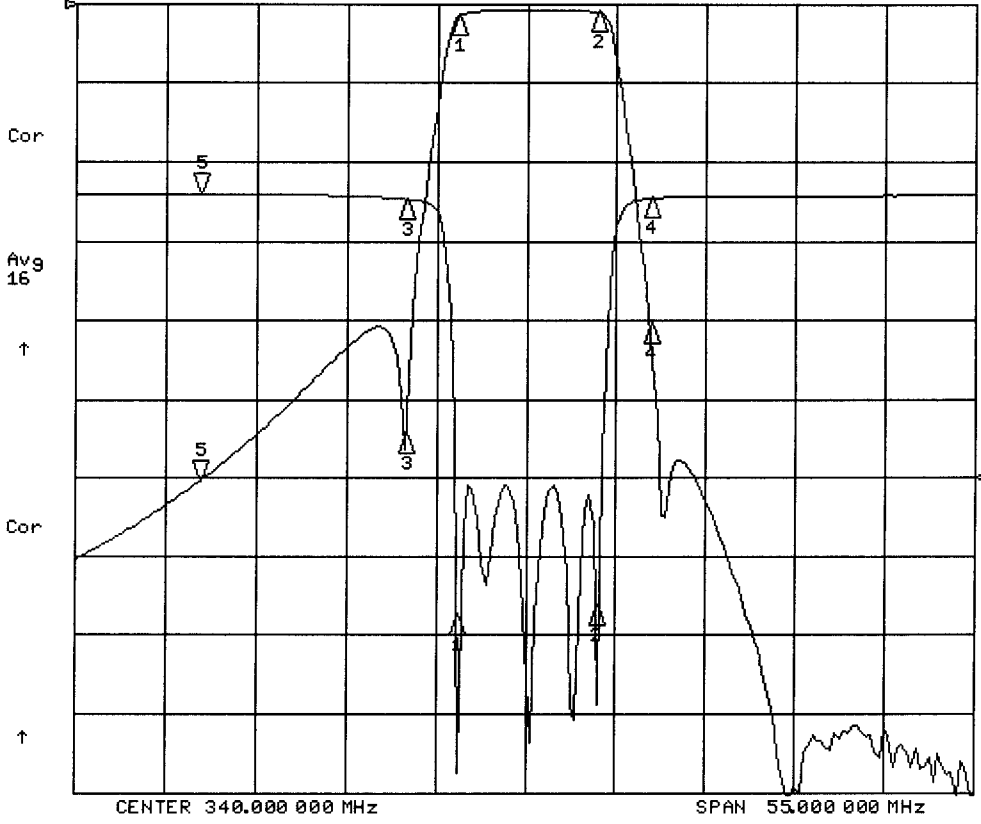
CH1 Markers

- 1:-1.5375 dB  
335.750 MHz
- 2:-1.0290 dB  
344.250 MHz
- 3:-54.488 dB  
332.500 MHz
- 4:-40.539 dB  
347.500 MHz

CH2 Markers

- 1:-26.663 dB  
335.750 MHz
- 2:-26.380 dB  
344.250 MHz
- 3:-34.170 dB  
332.500 MHz
- 4:-27.760 dB  
347.500 MHz

18 May 2009 08:43:21  
CH1 S21 LOG 10 dB/REF 0 dB 5:-60.358 dB 320.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.01230 dB



CH1 Markers

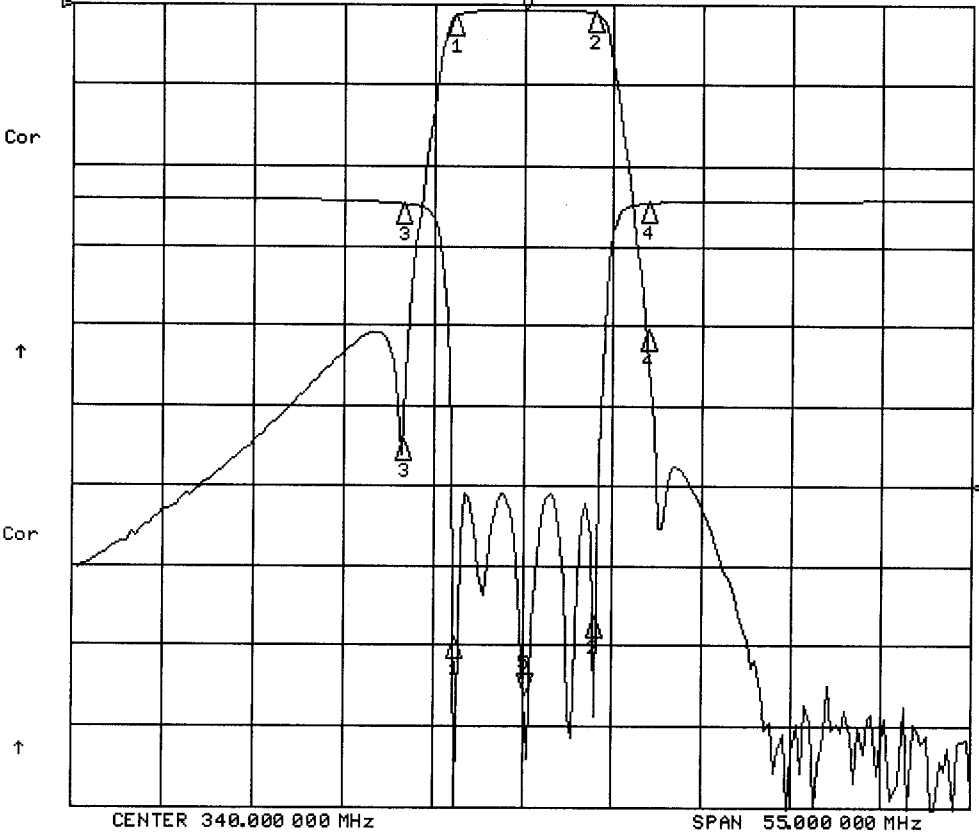
- 1:-1.5325 dB  
335.750 MHz
- 2:-1.0282 dB  
344.250 MHz
- 3:-54.491 dB  
332.500 MHz
- 4:-40.558 dB  
347.500 MHz

CH2 Markers

- 1:-26.766 dB  
335.750 MHz
- 2:-26.167 dB  
344.250 MHz
- 3:-34.270 dB  
332.500 MHz
- 4:-27.720 dB  
347.500 MHz

-20 °C

18 May 2009 08:43:41  
CH1 S21 LOG 10 dB/REF 0 dB 5: -.65090 dB 340.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5: -31.027 dB



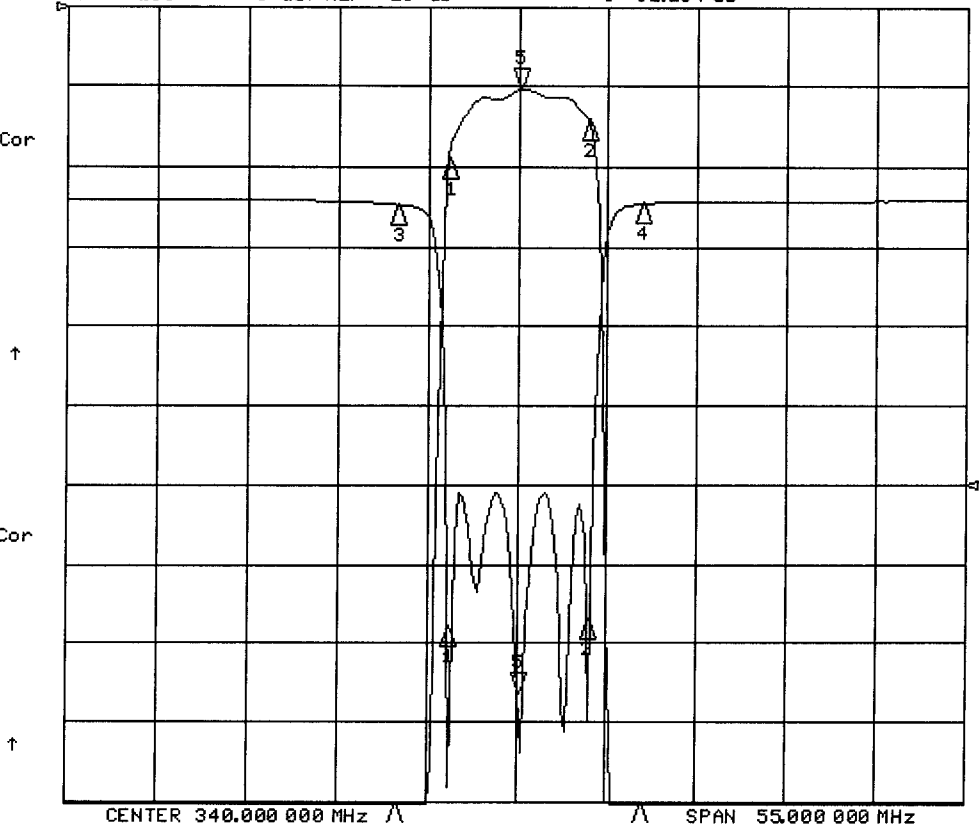
CH1 Markers

- 1: -1.5416 dB  
335.750 MHz
- 2: -1.0352 dB  
344.250 MHz
- 3: -54.325 dB  
332.500 MHz
- 4: -40.592 dB  
347.500 MHz

CH2 Markers

- 1: -27.544 dB  
335.750 MHz
- 2: -26.215 dB  
344.250 MHz
- 3: -34040 dB  
332.500 MHz
- 4: -27740 dB  
347.500 MHz

18 May 2009 08:43:49  
CH1 S21 LOG 1 dB/REF .387 dB 5: -.65080 dB 340.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5: -31.154 dB



CH1 Markers

- 1: -1.5126 dB  
335.750 MHz
- 2: -1.0266 dB  
344.250 MHz
- 3: -54.147 dB  
332.500 MHz
- 4: -40.619 dB  
347.500 MHz

CH2 Markers

- 1: -26.955 dB  
335.750 MHz
- 2: -26.510 dB  
344.250 MHz
- 3: -34650 dB  
332.500 MHz
- 4: -27880 dB  
347.500 MHz