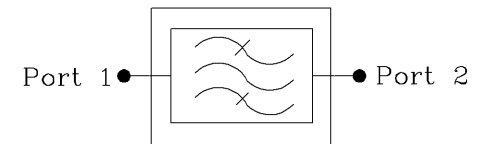
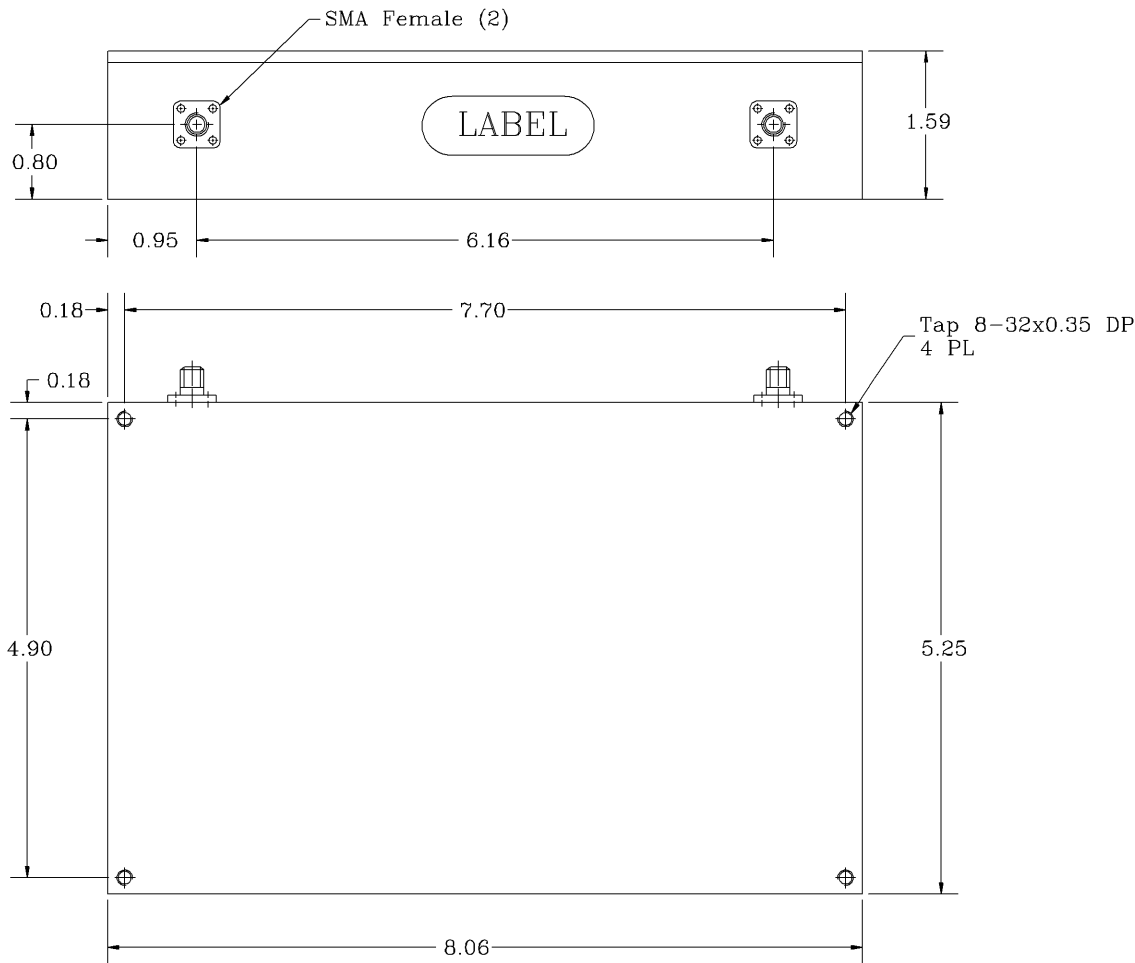


REVISIONS			
REV		DATE	APPROVED



Net Weight 3.08 lb / 1.7 kg

Electrical Specifications

- *Pass Band Frequency Range [MHz] : 430 to 450
- *Pass Band Insertion Loss Including Ripple [dB] : <0.8
- *Pass Band Ripple [dB] : <0.4 P-T-P
- *Attenuation DC to 410 MHz [dB] : 40 (Min.)
- @ 470 MHz [dB] : 50 (Min.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +80°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.

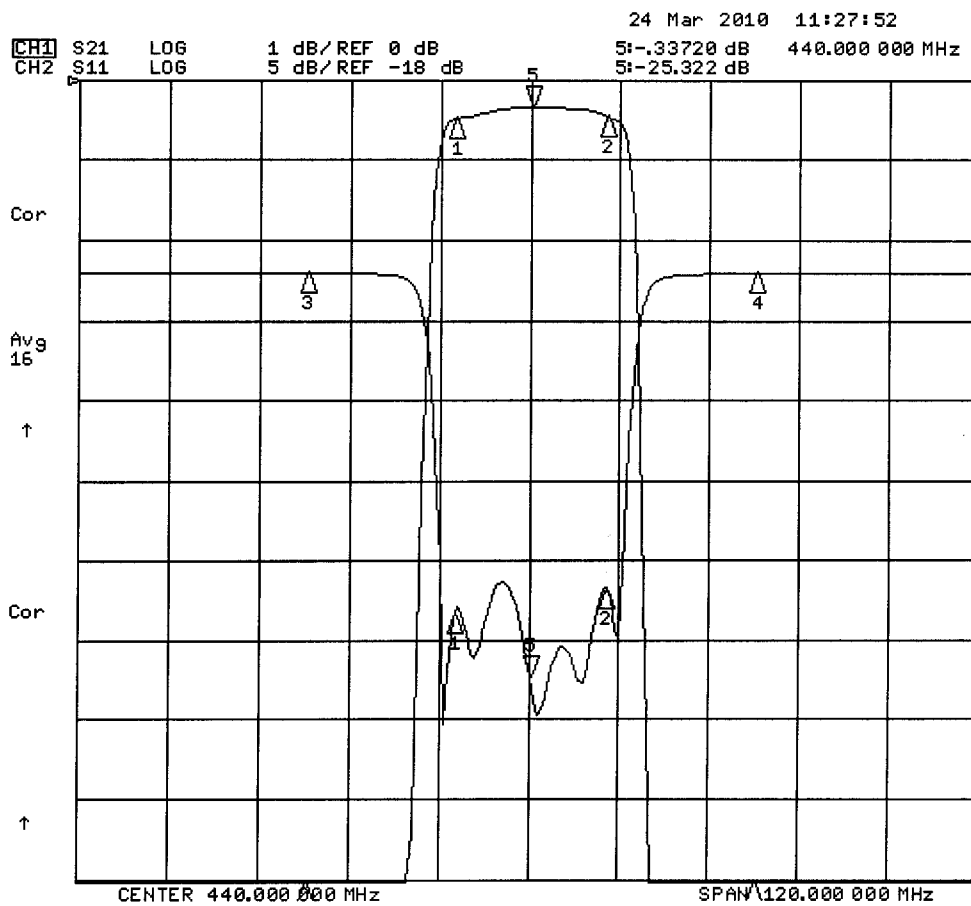
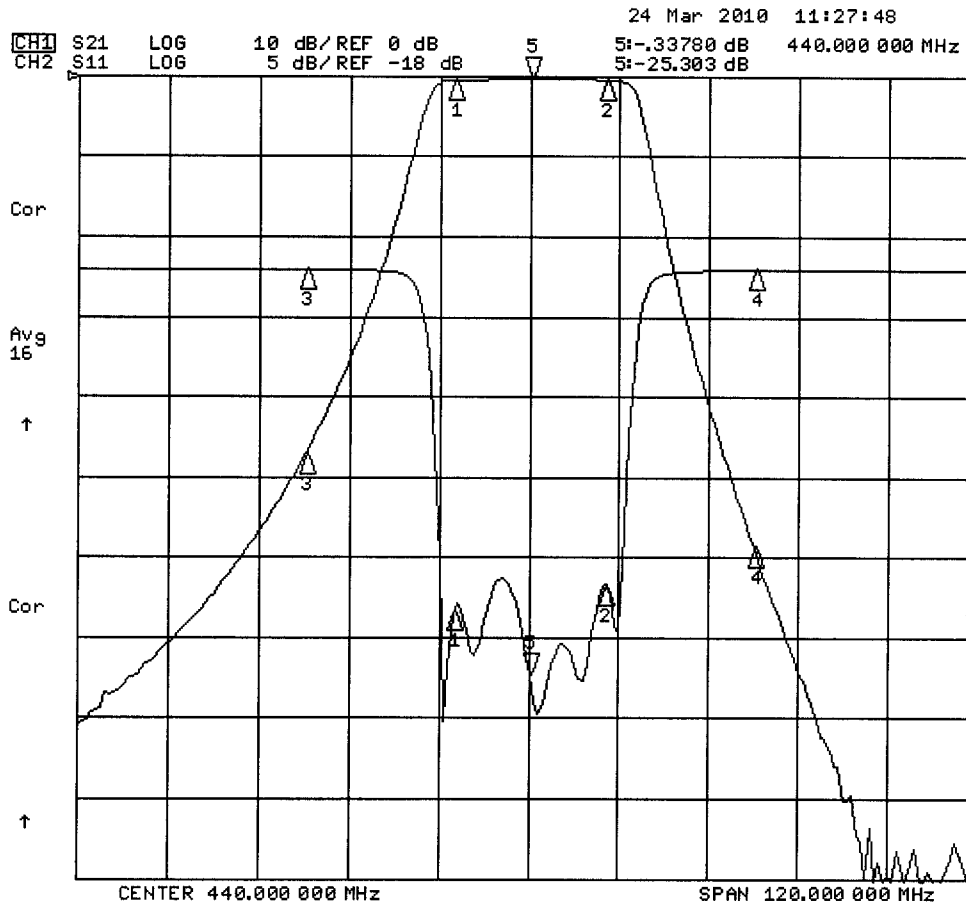
NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave				
ANGLES	DECIMALS	APPROVALS	DATE					TITLE
± 1°	X ± .05 XX ± .01 XXX ± .003			Band Pass UHF				
TREATMENT		DRAWN	Segal	12/10	CB440/20SK-FT2			
FINISH	63/	CHECKED			SIZE	CAGE CODE	DWG NO:	REV.
MATERIAL		ENG.			A	3K1H4	CB440/20SK-FT2-1	0
		DESIGN ACTIVITY			SCALE	None		SHEET 1 OF 1

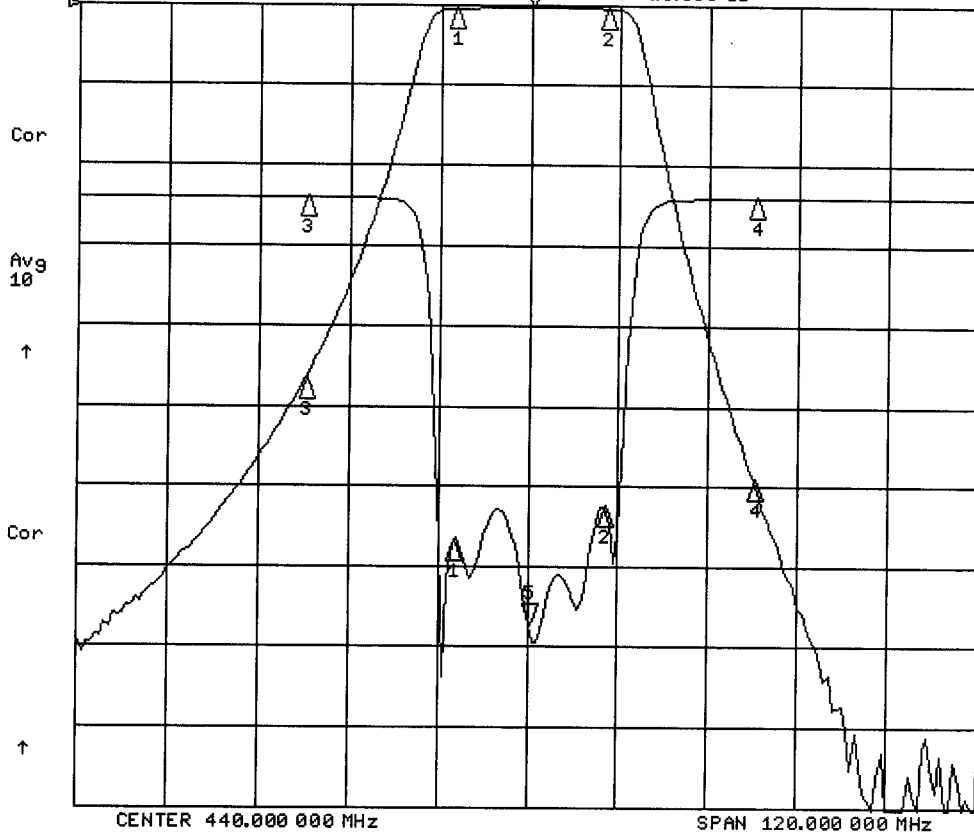
CB440/20 SK-F2

ROOM TEMP.



-10°C

24 Mar 2010 12:08:52
CH1 S21 LOG 10 dB/REF 0 dB 5 5:-.31970 dB 440.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-26.606 dB



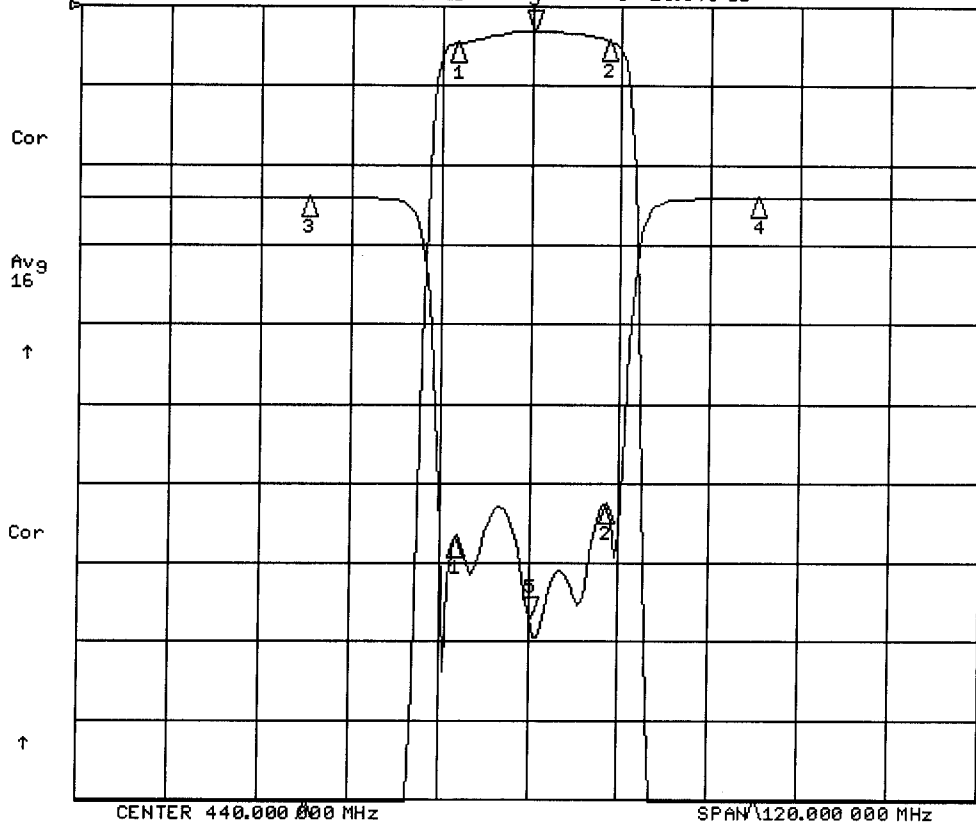
CH1 Markers

- 1:-.45880 dB
430.000 MHz
- 2:-.42830 dB
450.000 MHz
- 3:-46.778 dB
410.000 MHz
- 4:-59.178 dB
470.000 MHz

CH2 Markers

- 1:-21.443 dB
430.000 MHz
- 2:-19.313 dB
450.000 MHz
- 3:-.03100 dB
410.000 MHz
- 4:-.05090 dB
470.000 MHz

24 Mar 2010 12:08:56
CH1 S21 LOG 1 dB/REF 0 dB 5 5:-.31920 dB 440.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-26.540 dB



CH1 Markers

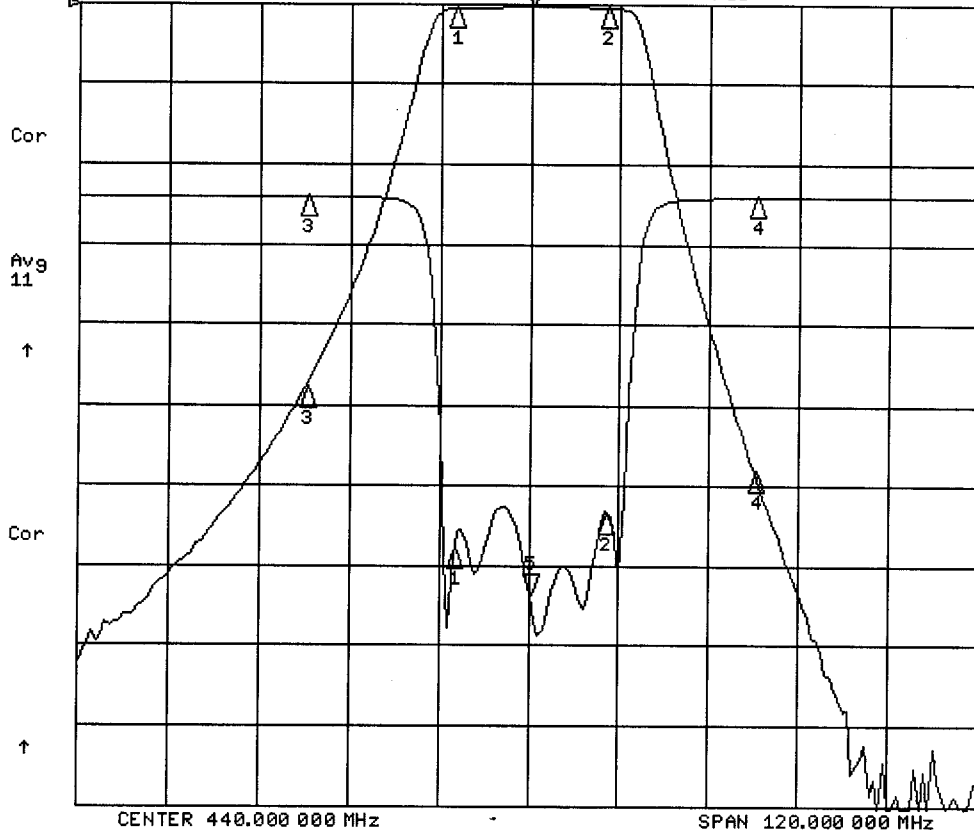
- 1:-.45890 dB
430.000 MHz
- 2:-.42790 dB
450.000 MHz
- 3:-46.811 dB
410.000 MHz
- 4:-59.111 dB
470.000 MHz

CH2 Markers

- 1:-21.447 dB
430.000 MHz
- 2:-19.334 dB
450.000 MHz
- 3:-.03070 dB
410.000 MHz
- 4:-.05040 dB
470.000 MHz

+70°C

24 Mar 2010 13:28:05
CH1 S21 LOG 10 dB/REF 0 dB 5 5:-36.040 dB 440.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-24.811 dB



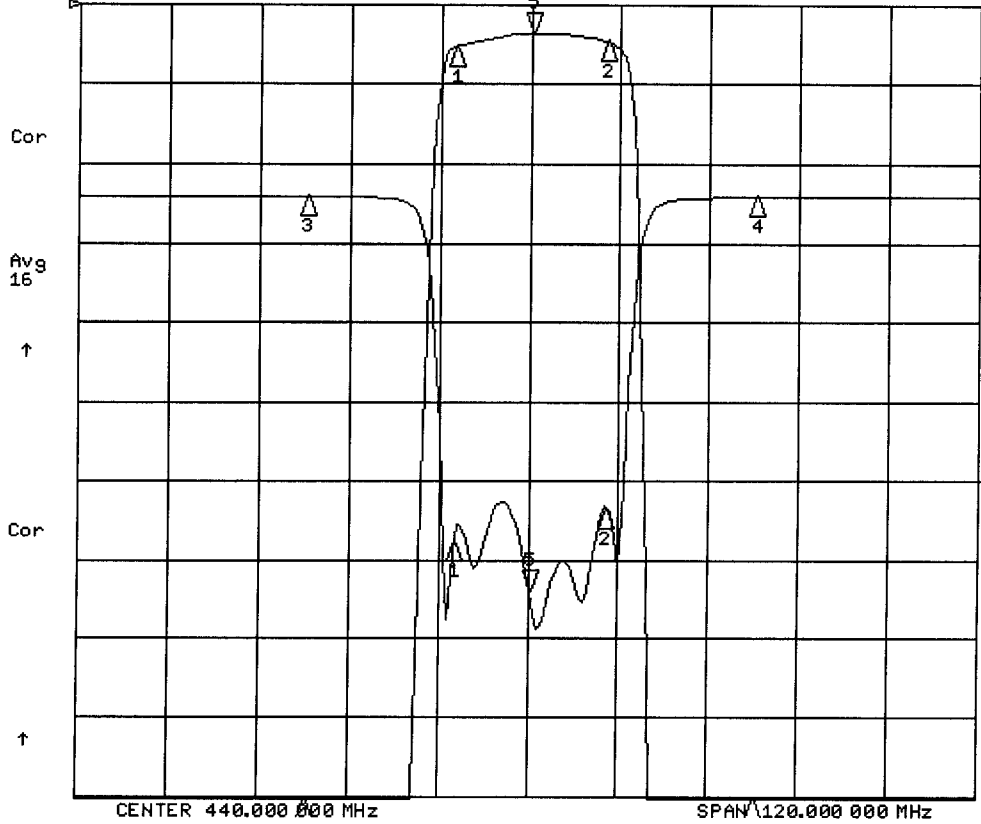
CH1 Markers

1:-52510 dB
430.000 MHz
2:-46510 dB
450.000 MHz
3:-47,813 dB
410.000 MHz
4:-58,166 dB
470.000 MHz

CH2 Markers

1:-21,925 dB
430.000 MHz
2:-19,787 dB
450.000 MHz
3:-03430 dB
410.000 MHz
4:-06530 dB
470.000 MHz

24 Mar 2010 13:28:09
CH1 S21 LOG 1 dB/REF 0 dB 5 5:-36.090 dB 440.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-24.894 dB



CH1 Markers

1:-52460 dB
430.000 MHz
2:-46470 dB
450.000 MHz
3:-47,785 dB
410.000 MHz
4:-58,241 dB
470.000 MHz

CH2 Markers

1:-21,851 dB
430.000 MHz
2:-19,758 dB
450.000 MHz
3:-03660 dB
410.000 MHz
4:-06420 dB
470.000 MHz