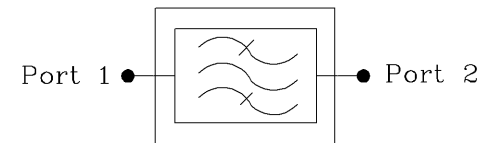
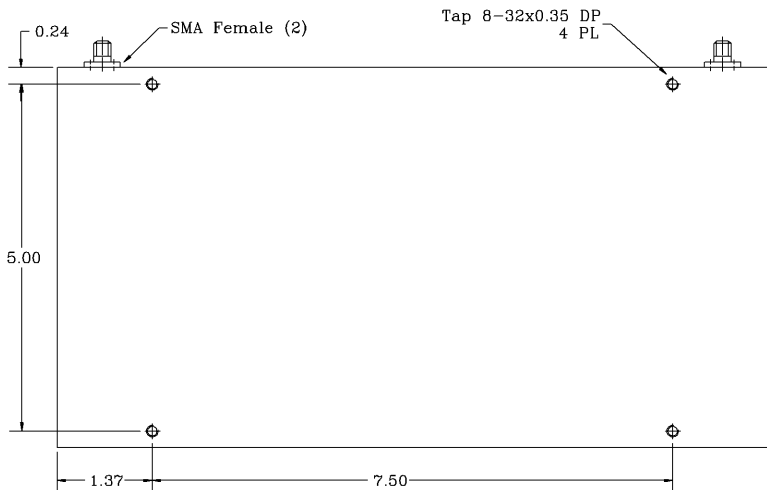
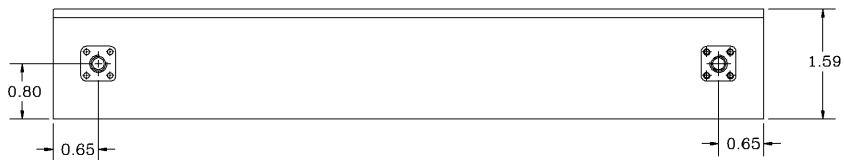
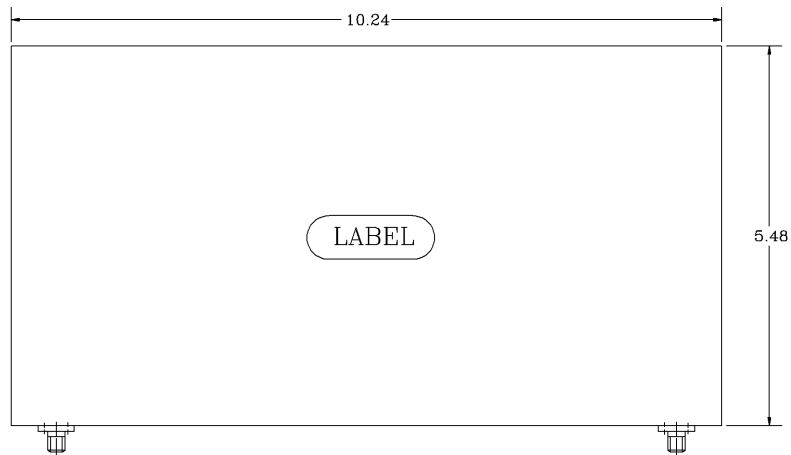


REVISIONS			
REV		DATE	APPROVED
A	Outside Dimentions changed	12/10	G. David



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 400 to 445
- *Pass Band Insertion Loss [dB] : <0.8, 0.6 (Typ.)
- *Pass Band Ripple [dB] : <0.4 P-T-P
- *Attenuation DC to 150 MHz [dB] : 80 (Min.), 90 (Typ.)
 - @ 150 to 380 MHz [dB] : 25 (Min.), 30 (Typ.)
 - @ 470 to 700 MHz [dB] : 40 (Min.), 45 (Typ.)
 - @ 700 to 1400 MHz [dB] : 85 (Min.), 90 (Typ.)
 - @ 1400 to 5000 MHz [dB] : 85 (Min.), 90 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 30 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -0°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.

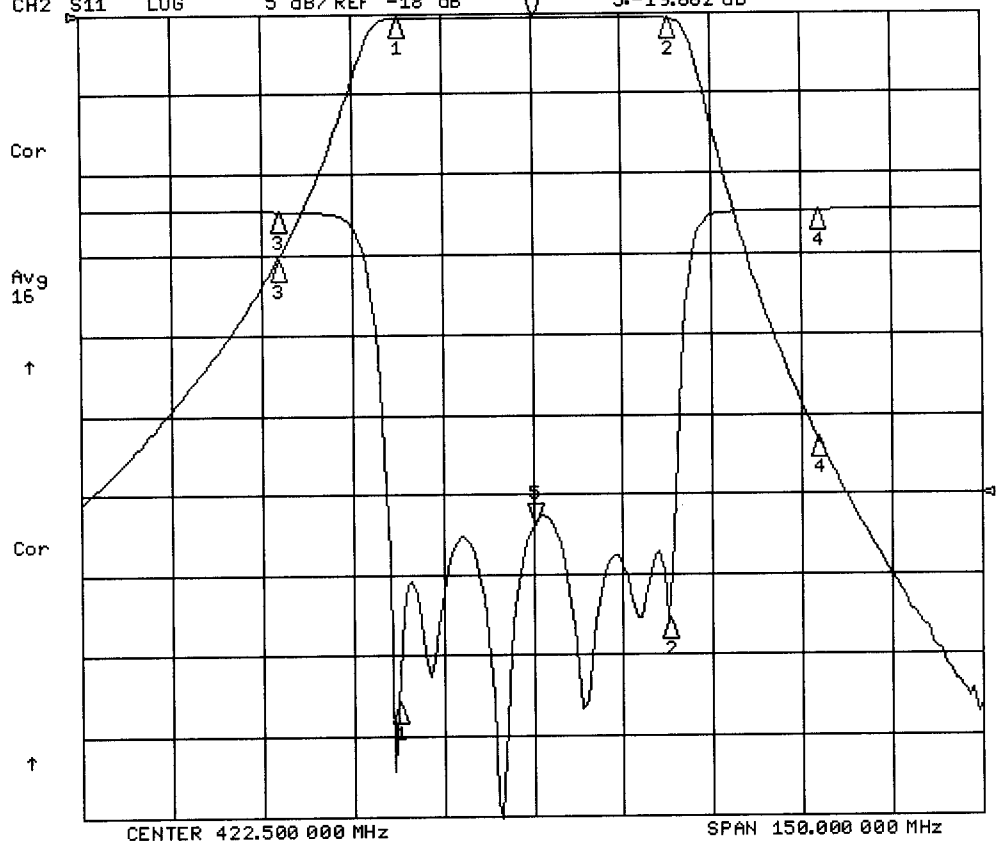
NOTES:

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				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Segal	12/10	Band Pass UHF		REV.	
TREATMENT		CHECKED		CB422.5/45SK-FTL2			
FINISH	63/	ENG.		SIZE	CAGE CODE	DWG NO:	
MATERIAL		DESIGN ACTIVITY		A	3K1H4	CB422.5/45SK-FTL2-1	A
				SCALE	None		SHEET 1 OF 1

+30°C

16 Dec 2010 17:34:22
CH1 S21 LOG 10 dB/REF 0 dB 5: -53650 dB 422.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: -19.882 dB



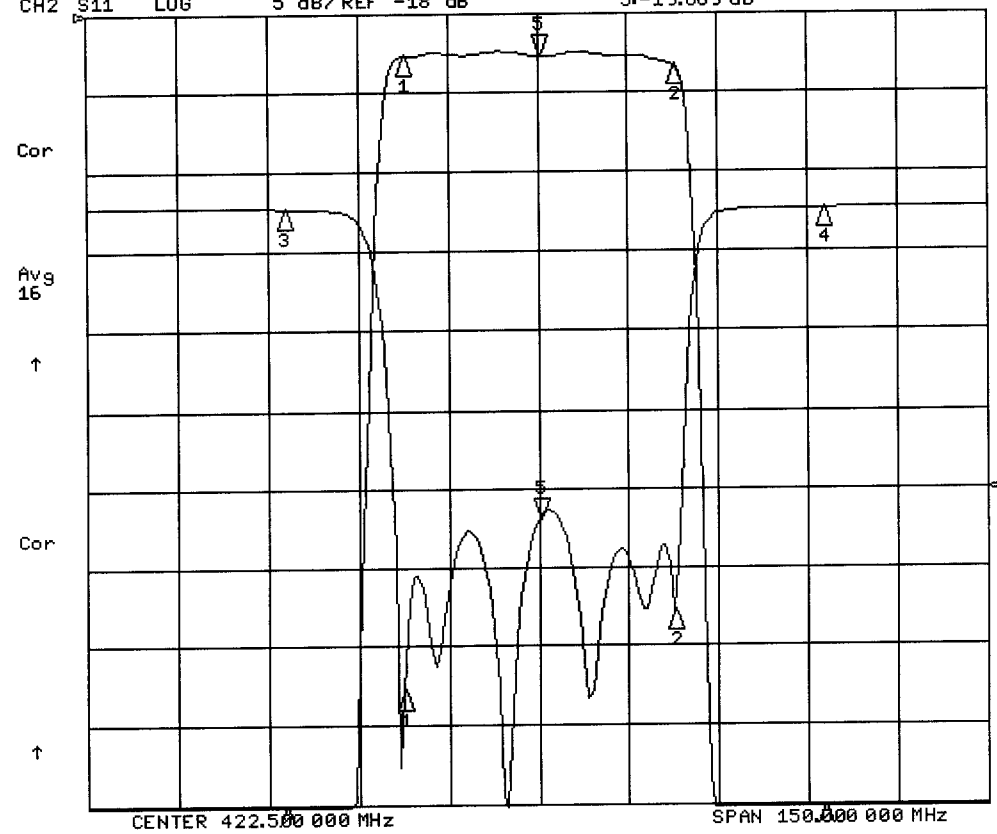
CH1 Markers

- 1: -54130 dB
400.000 MHz
- 2: -64140 dB
445.000 MHz
- 3: -30.832 dB
380.000 MHz
- 4: -52.861 dB
470.000 MHz

CH2 Markers

- 1: -30.915 dB
400.000 MHz
- 2: -25.802 dB
445.000 MHz
- 3: -34110 dB
380.000 MHz
- 4: -33870 dB
470.000 MHz

16 Dec 2010 17:34:25
CH1 S21 LOG 1 dB/REF 0 dB 5: -53730 dB 422.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: -19.869 dB



CH1 Markers

- 1: -54170 dB
400.000 MHz
- 2: -64200 dB
445.000 MHz
- 3: -30.818 dB
380.000 MHz
- 4: -52.848 dB
470.000 MHz

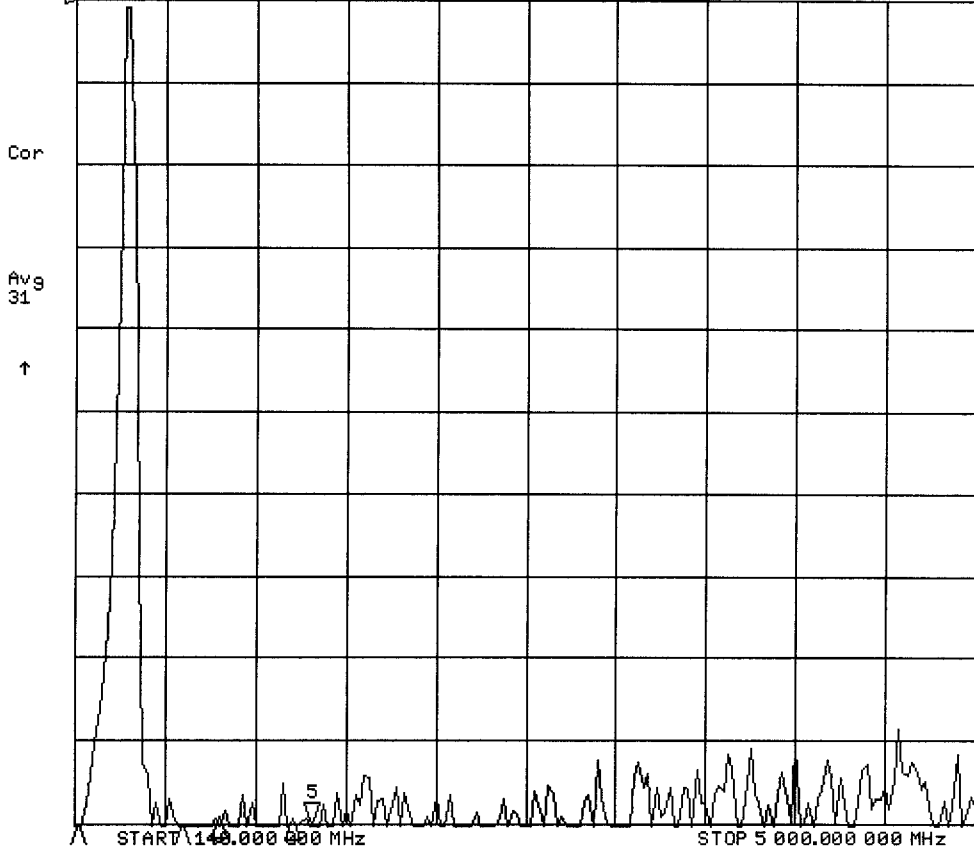
CH2 Markers

- 1: -30.878 dB
400.000 MHz
- 2: -25.856 dB
445.000 MHz
- 3: -34020 dB
380.000 MHz
- 4: -33900 dB
470.000 MHz

+30°C

16 Dec 2010 17:34:38

CH1 S21 LOG 10 dB/REF 0 dB 5:-100.78 dB 1 400.000 000 MHz



CH1 Markers

1:-110.62 dB
150.000 MHz

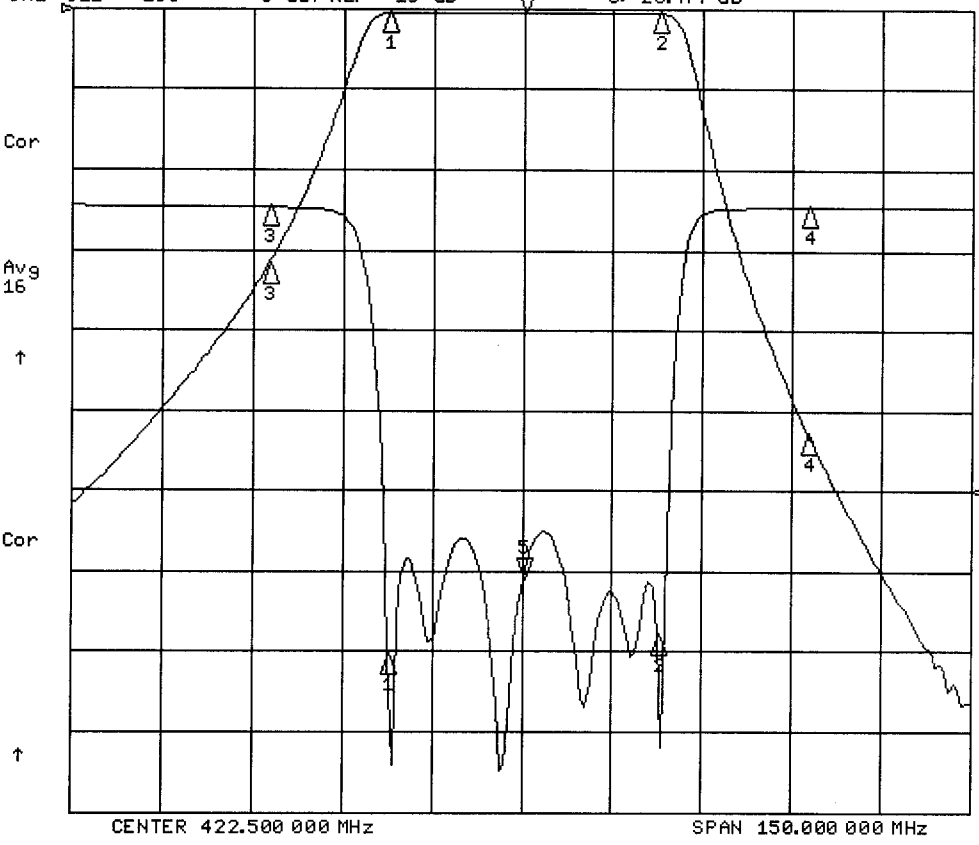
2:-103.19 dB
700.000 MHz

3:-100.93 dB
900.000 MHz

4:-101.60 dB
1.30000 GHz

OC

16 Dec 2010 18:04:41
CH1 S21 LOG 10 dB/REF 0 dB 5 5:-46.020 dB 422.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-23.477 dB



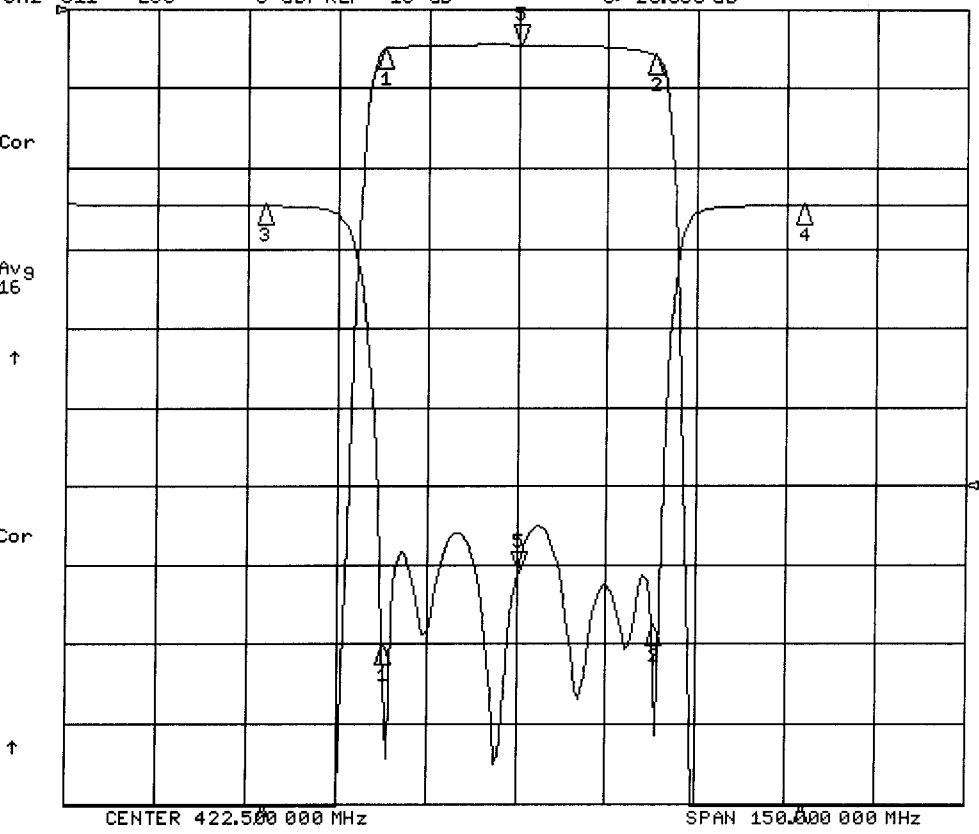
CH1 Markers

- 1:-.51090 dB
400.000 MHz
- 2:-.56870 dB
445.000 MHz
- 3:-31.713 dB
380.000 MHz
- 4:-52.805 dB
470.000 MHz

CH2 Markers

- 1:-28.170 dB
400.000 MHz
- 2:-26.966 dB
445.000 MHz
- 3:-32.340 dB
380.000 MHz
- 4:-.28950 dB
470.000 MHz

16 Dec 2010 18:04:44
CH1 S21 LOG 1 dB/REF 0 dB 5 5:-46.030 dB 422.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-23.503 dB



CH1 Markers

- 1:-.51190 dB
400.000 MHz
- 2:-.56880 dB
445.000 MHz
- 3:-31.719 dB
380.000 MHz
- 4:-52.789 dB
470.000 MHz

CH2 Markers

- 1:-28.076 dB
400.000 MHz
- 2:-26.937 dB
445.000 MHz
- 3:-32.390 dB
380.000 MHz
- 4:-.28940 dB
470.000 MHz

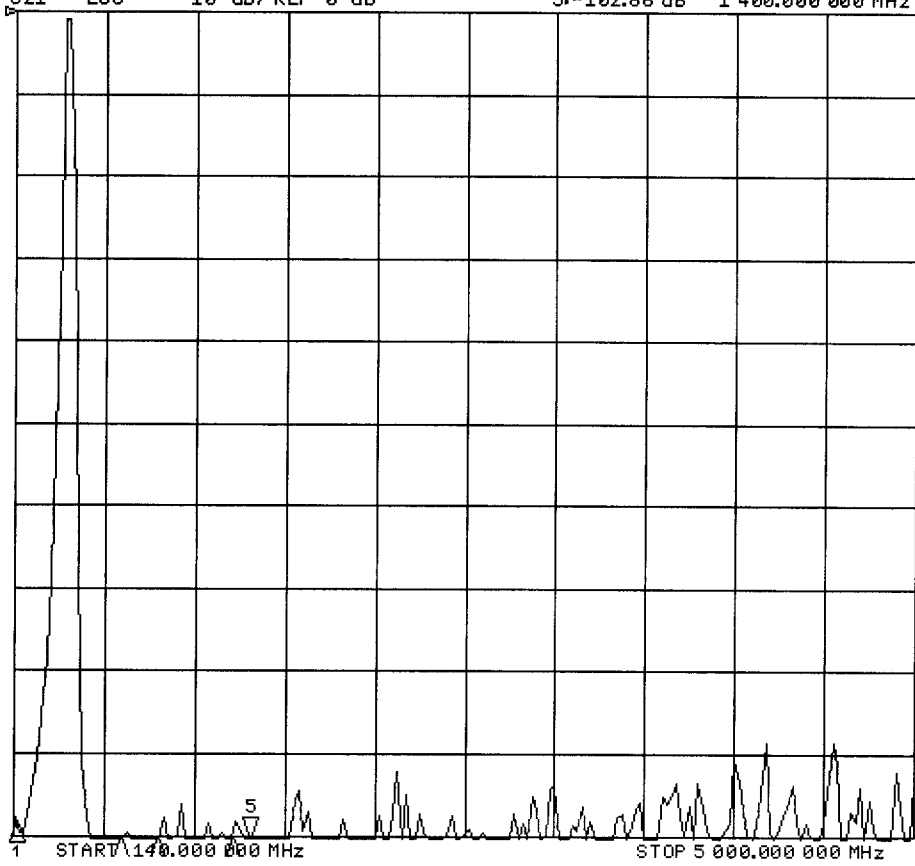
OC

16 Dec 2010 18:05:05

CH1 S21 LOG 10 dB/REF 0 dB 5:-102.86 dB 1 400.000 000 MHz

Cor
Avg
50
↑

CH1 Markers
1:-98.503 dB
150.000 MHz
2:-105.45 dB
700.000 MHz
3:-111.46 dB
900.000 MHz
4:-101.74 dB
1.30000 GHz



START 140.000 000 MHz STOP 5 000.000 000 MHz