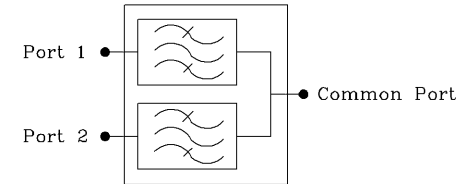
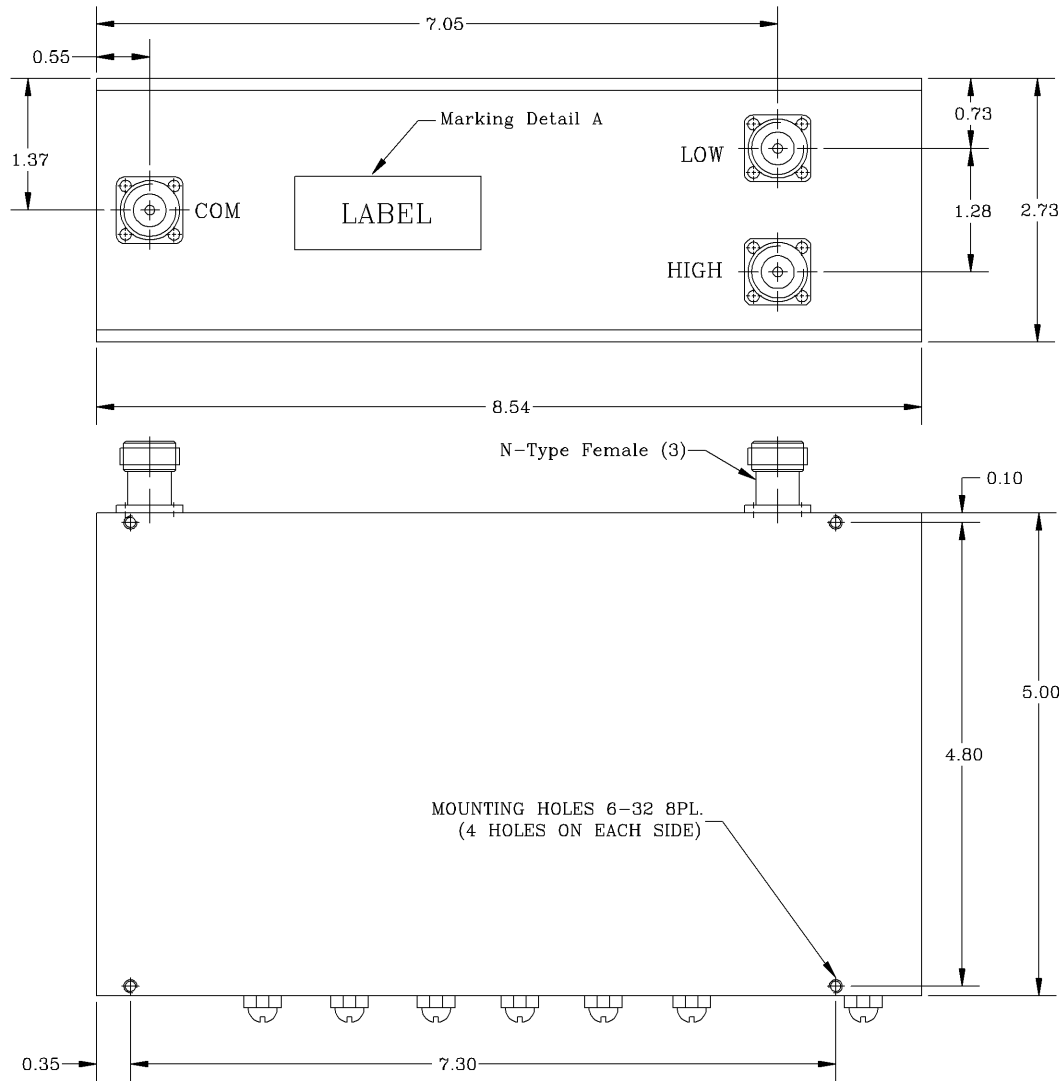


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low Pass Frequency Range [MHz] : 463 to 465
- *High Pass Frequency Range [MHz] : 468 to 470
- *Pass Band Insertion Loss [dB] : < 2.7, 2.5 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Attenuation DC to 360 MHz [dB] : 60 (Min.), 70 (Typ.)
- 468 to 470 MHz [dB] : 70 (Min.), 75 (Typ.)
- *High Attenuation DC to 360 MHz [dB] : 60 (Min.), 70 (Typ.)
- 463 to 465 MHz [dB] : 60 (Min.), 62 (Typ.)
- *Isolation Between Filters [dB] : 60 (Min.), 62 (Typ.)
- *Pass Band Return Loss [dB] : -17 (Max.), <1.33:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 8 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +60°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:

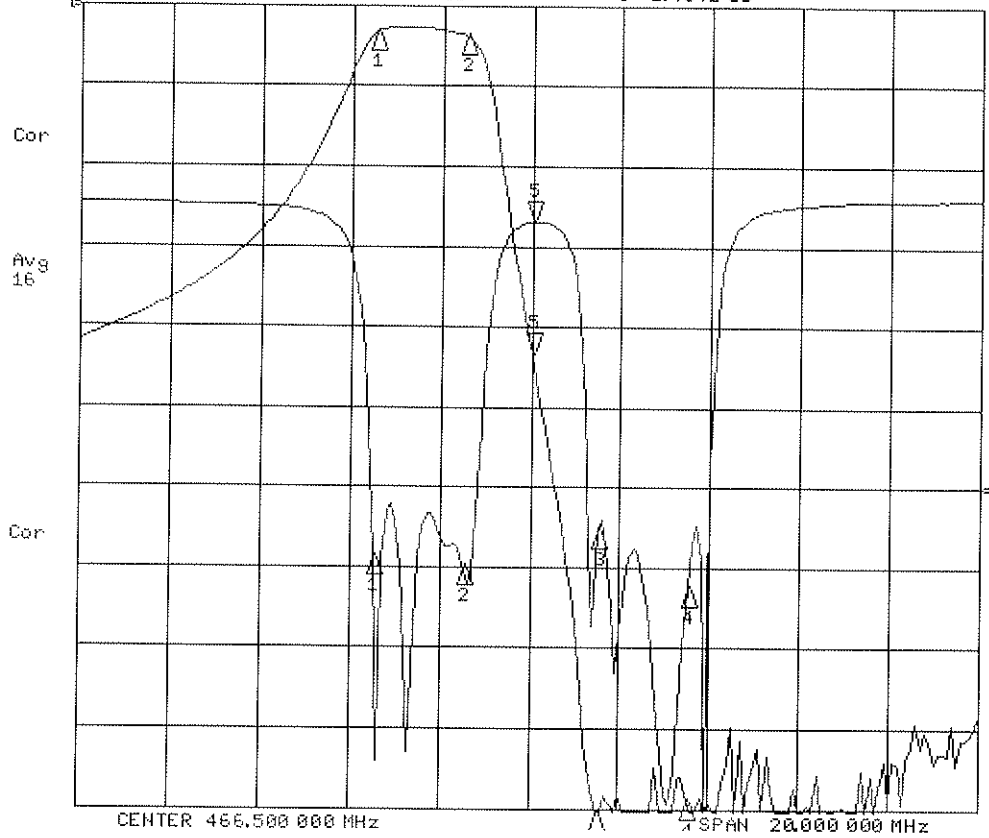
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Sivak	03/05	Diplexer UHF		REV.	
TREATMENT	CHECKED			CD466.5/2SK-F3			
FINISH 63/	ENG.			SIZE	CAGE CODE	DWG NO:	
	DESIGN ACTIVITY			A	3K1H4	CD466.5/2SK-F3-1	0
MATERIAL AL6061-T6				SCALE	None		SHEET 1 OF 1

CD 465.5/2SK-F3

18 Apr 2011 10:02:48

CH1 S21 L06 10 dB/REF 0 dB 5:-43.390 dB 466.500 000 MHz
 CH2 S11 L06 5 dB/REF -18 dB 5:-1.4642 dB



CH1 Markers

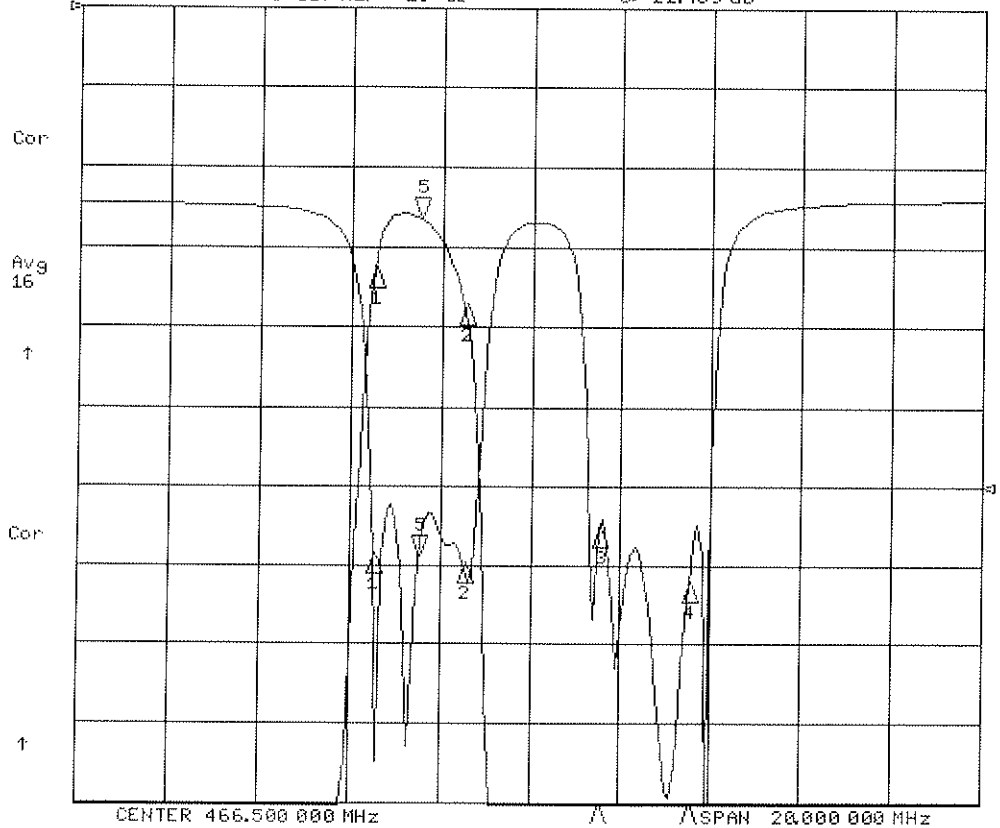
- 1:-3.2913 dB
463.000 MHz
- 2:-3.7422 dB
465.000 MHz
- 3:-110.92 dB
468.000 MHz
- 4:-98.891 dB
470.000 MHz

CH2 Markers

- 1:-22.274 dB
463.000 MHz
- 2:-22.836 dB
465.000 MHz
- 3:-20.676 dB
468.000 MHz
- 4:-24.189 dB
470.000 MHz

18 Apr 2011 10:02:55

CH1 S21 L06 1 dB/REF 0 dB 5:-2.6408 dB 464.000 000 MHz
 CH2 S11 L06 5 dB/REF -18 dB 5:-22.489 dB



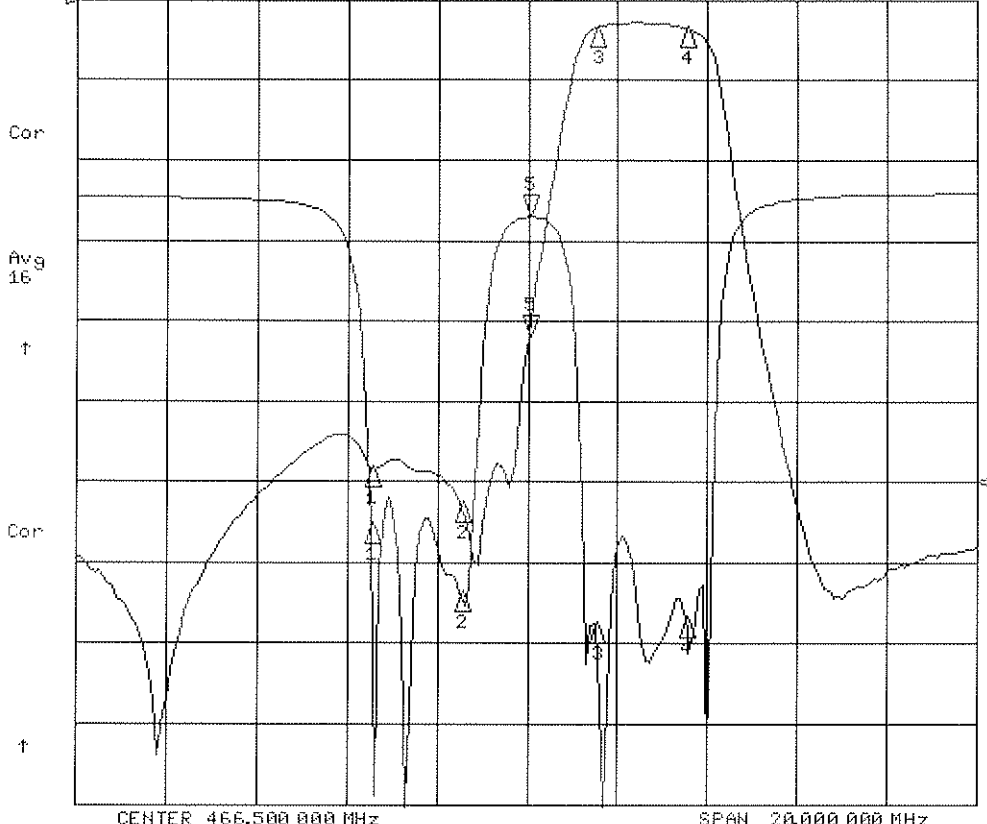
CH1 Markers

- 1:-3.2881 dB
463.000 MHz
- 2:-3.7410 dB
465.000 MHz
- 3:-97.876 dB
468.000 MHz
- 4:-107.11 dB
470.000 MHz

CH2 Markers

- 1:-22.249 dB
463.000 MHz
- 2:-22.867 dB
465.000 MHz
- 3:-20.655 dB
468.000 MHz
- 4:-24.176 dB
470.000 MHz

18 Apr 2011 10:09:56
 CH1 S21 LOG 10 dB/REF 0 dB 5:-41.938 dB 466.500 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-1.5395 dB



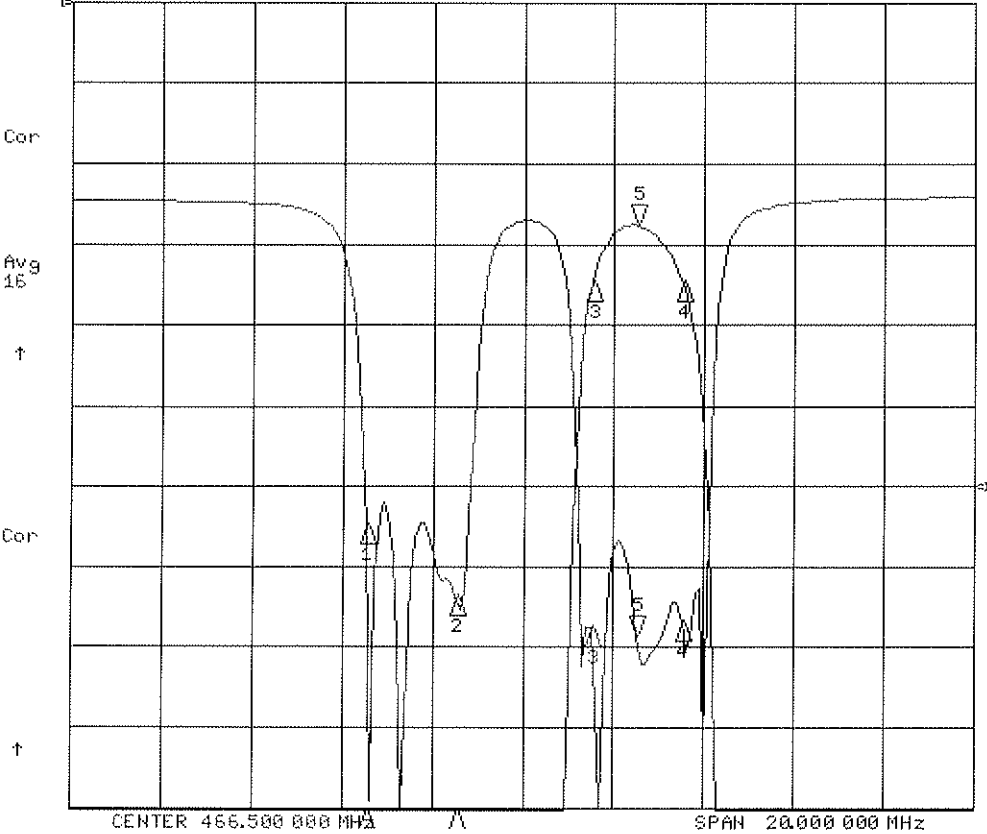
CH1 Markers

- 1:-58.146 dB
463.000 MHz
- 2:-62.576 dB
465.000 MHz
- 3:-3.4632 dB
468.000 MHz
- 4:-3.4615 dB
470.000 MHz

CH2 Markers

- 1:-20.580 dB
463.000 MHz
- 2:-24.782 dB
465.000 MHz
- 3:-26.794 dB
468.000 MHz
- 4:-26.345 dB
470.000 MHz

18 Apr 2011 10:10:00
 CH1 S21 LOG 1 dB/REF 0 dB 5:-2.7677 dB 469.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-27.325 dB



CH1 Markers

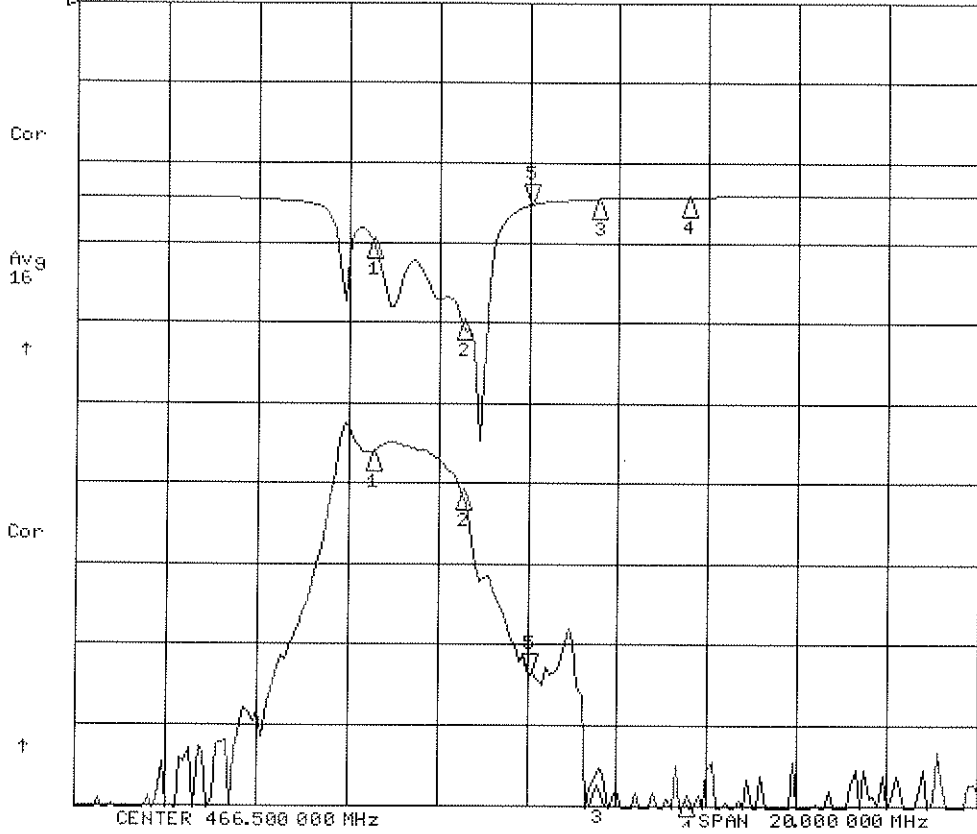
- 1:-58.160 dB
463.000 MHz
- 2:-62.700 dB
465.000 MHz
- 3:-3.4590 dB
468.000 MHz
- 4:-3.4614 dB
470.000 MHz

CH2 Markers

- 1:-20.431 dB
463.000 MHz
- 2:-24.774 dB
465.000 MHz
- 3:-26.735 dB
468.000 MHz
- 4:-26.412 dB
470.000 MHz

18 Apr 2011 10:03:48

CH1 S21 L06 10 dB/REF 0 dB 5:-83.725 dB 466.500 000 MHz
CH2 S11 L06 5 dB/REF -18 dB 5:-.69150 dB



CH1 Markers

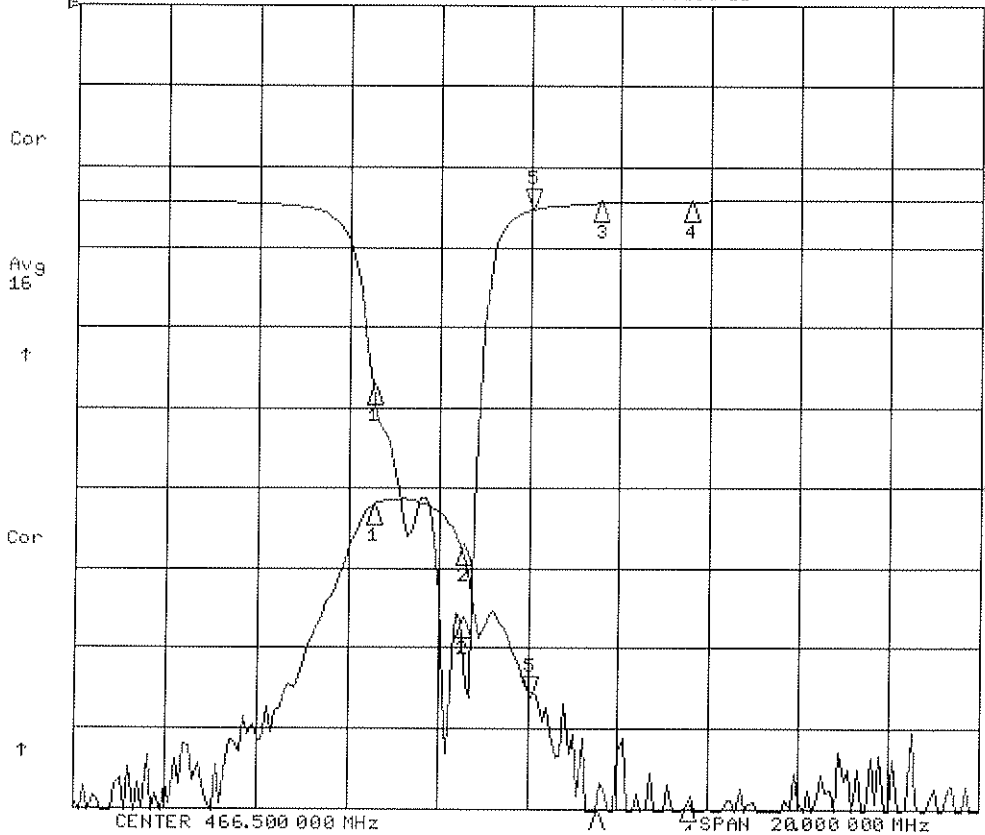
- 1:-56.167 dB
463.000 MHz
- 2:-60.887 dB
465.000 MHz
- 3:-97.641 dB
468.000 MHz
- 4:-98.858 dB
470.000 MHz

CH2 Markers

- 1:-2.8521 dB
463.000 MHz
- 2:-7.9075 dB
465.000 MHz
- 3:-230.90 dB
468.000 MHz
- 4:-.11600 dB
470.000 MHz

18 Apr 2011 10:03:55

CH1 S21 L06 10 dB/REF 0 dB 5:-86.040 dB 466.500 000 MHz
CH2 S11 L06 5 dB/REF -18 dB 5:-.68980 dB



CH1 Markers

- 1:-62.129 dB
463.000 MHz
- 2:-67.158 dB
465.000 MHz
- 3:-103.72 dB
468.000 MHz
- 4:-99.120 dB
470.000 MHz

CH2 Markers

- 1:-11.592 dB
463.000 MHz
- 2:-26.145 dB
465.000 MHz
- 3:-225.00 dB
468.000 MHz
- 4:-.11240 dB
470.000 MHz