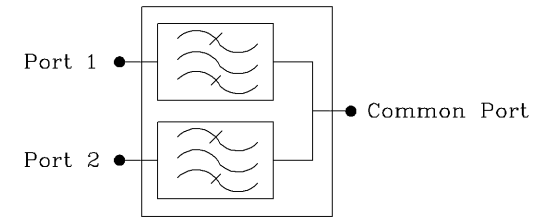
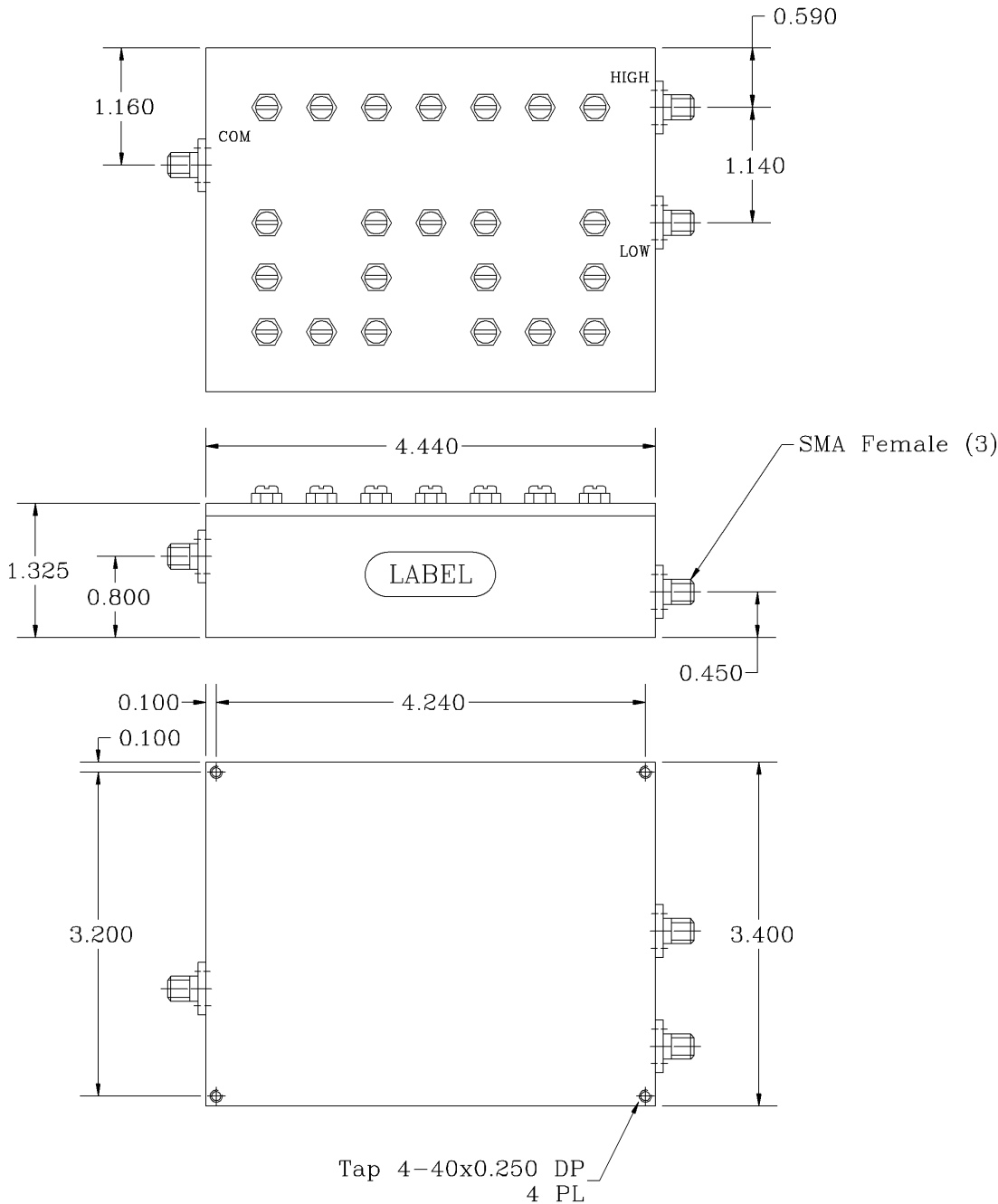


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low Pass Band Frequency Range [MHz] : 1470 to 1484
- *Pass Band Insertion Loss [dB] : <1.8, 1.7 (Typ.)
- *Attenuation @ 1536 to 1540 MHz [dB] : 95 (Min.)
- *High Pass Band Frequency Range [MHz] : 1536 to 1540
- *Pass Band Insertion Loss [dB] : <0.8, 0.7 (Typ.)
- *Attenuation @ 1470 to 1484 MHz [dB] : 50 (Min.)
- *Pass Band Ripple [dB] : 0.5 P-T-P
- *Isolation between Filters [dB] : 50 (Min.), 55 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.3:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 W
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +75°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:

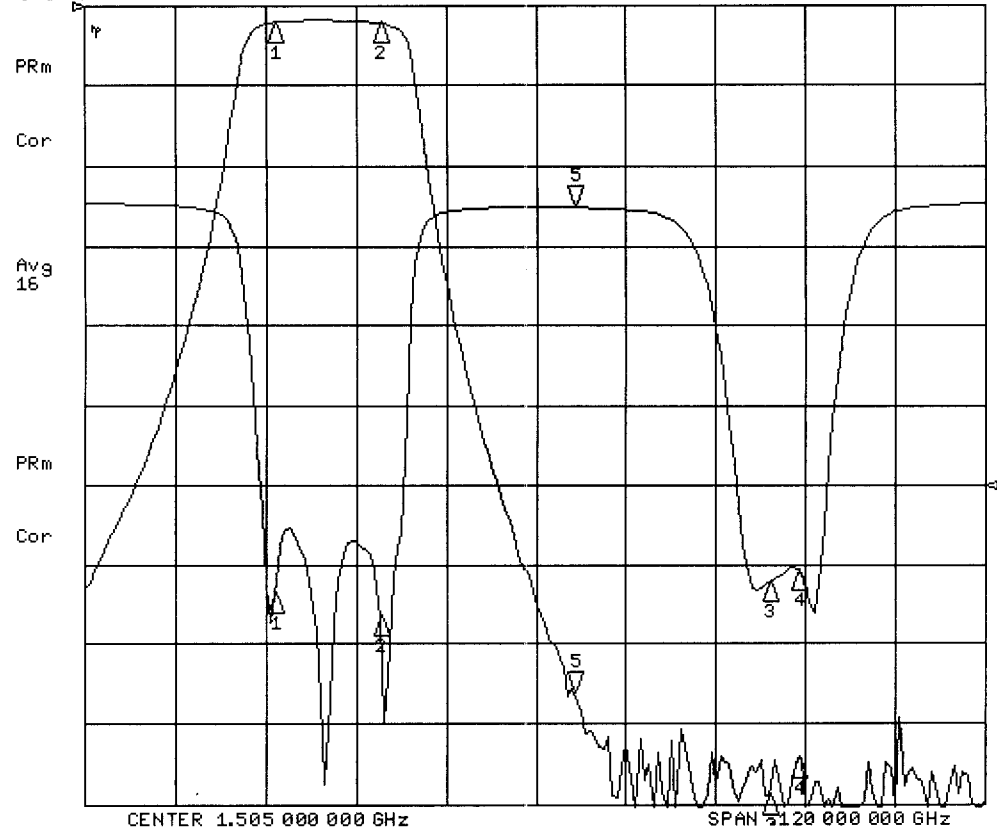
- BREAK ALL CORNERS & EDGES.005/.010.
- FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE			
± 1°	X ± .05 XX ± .01 .XXX ± .003	DRAWN	10/08	Diplexer GPS			
TREATMENT	CHECKED	Segal		CD1510/14SK-B6			
FINISH	ENG.	DESIGN ACTIVITY		SIZE	CAGE CODE	DWG NO:	REV.
	63/			A	3K1H4	CD1510/14SK-B6-1	0
MATERIAL	AL6061-T6			SCALE	None		SHEET 1 OF 1

1510/14 SK-B 6

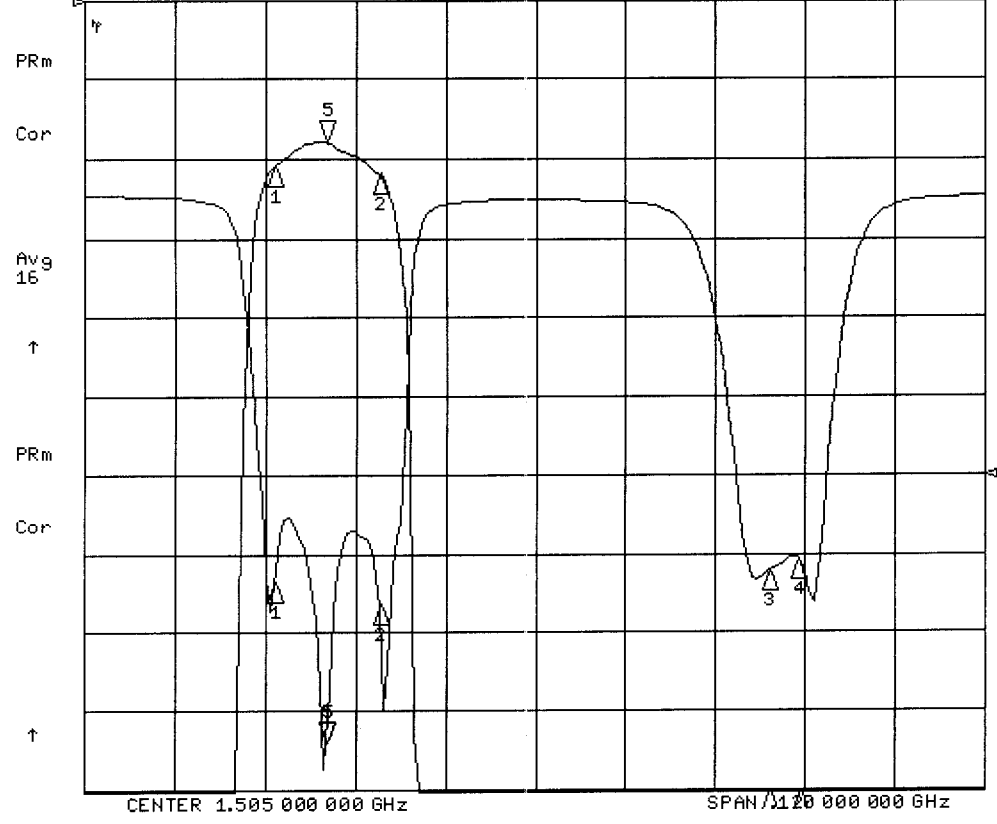
14 Oct 2008 12:08:47

CH1 S21 LOG 10 dB/REF 0 dB 5:-86.246 dB 1.510 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.59100 dB



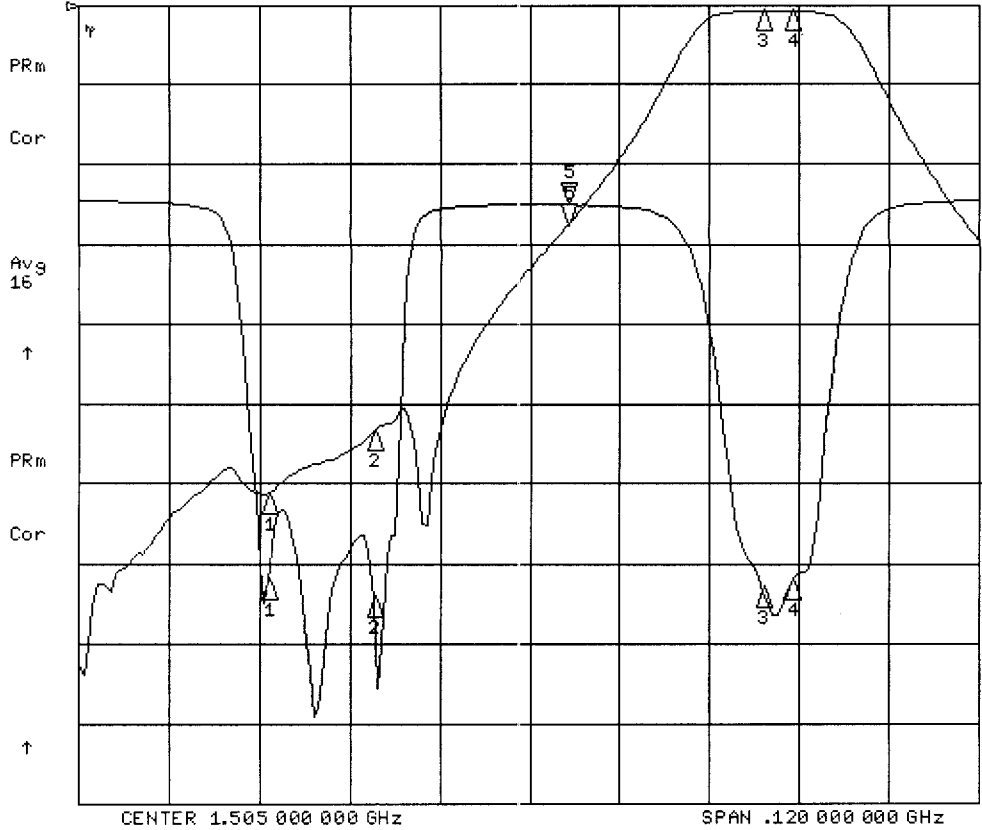
14 Oct 2008 12:08:57

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.7900 dB 1.477 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-35.063 dB



14 Oct 2008 12:09:28

CH1 S21 LOG 10 dB/REF 0 dB 5:-27.728 dB 1.510 000 000 GHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-58.100 dB



CH1 Markers

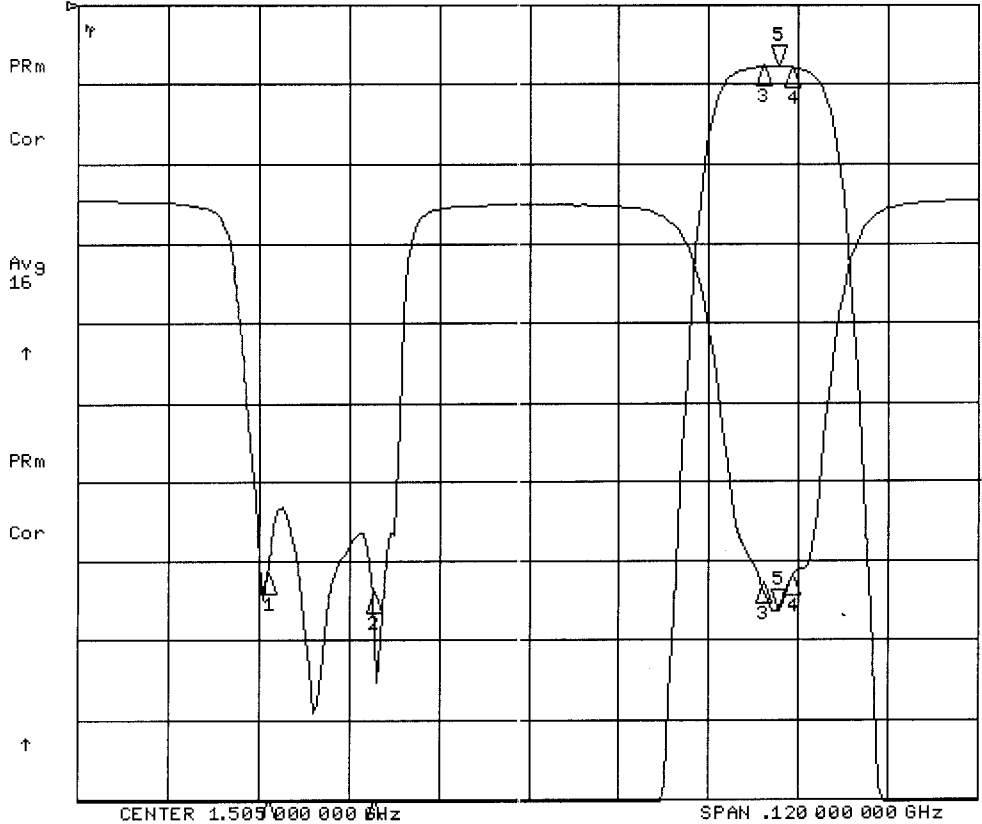
- 1:-61.273 dB
1.47000 GHz
- 2:-53.520 dB
1.48400 GHz
- 3:-77.400 dB
1.53600 GHz
- 4:-78.600 dB
1.54000 GHz

CH2 Markers

- 1:-23.899 dB
1.47000 GHz
- 2:-25.092 dB
1.48400 GHz
- 3:-24.427 dB
1.53600 GHz
- 4:-24.003 dB
1.54000 GHz

14 Oct 2008 12:09:37

CH1 S21 LOG 1 dB/REF 0 dB 5:-77.900 dB 1.538 000 000 GHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-26.166 dB



CH1 Markers

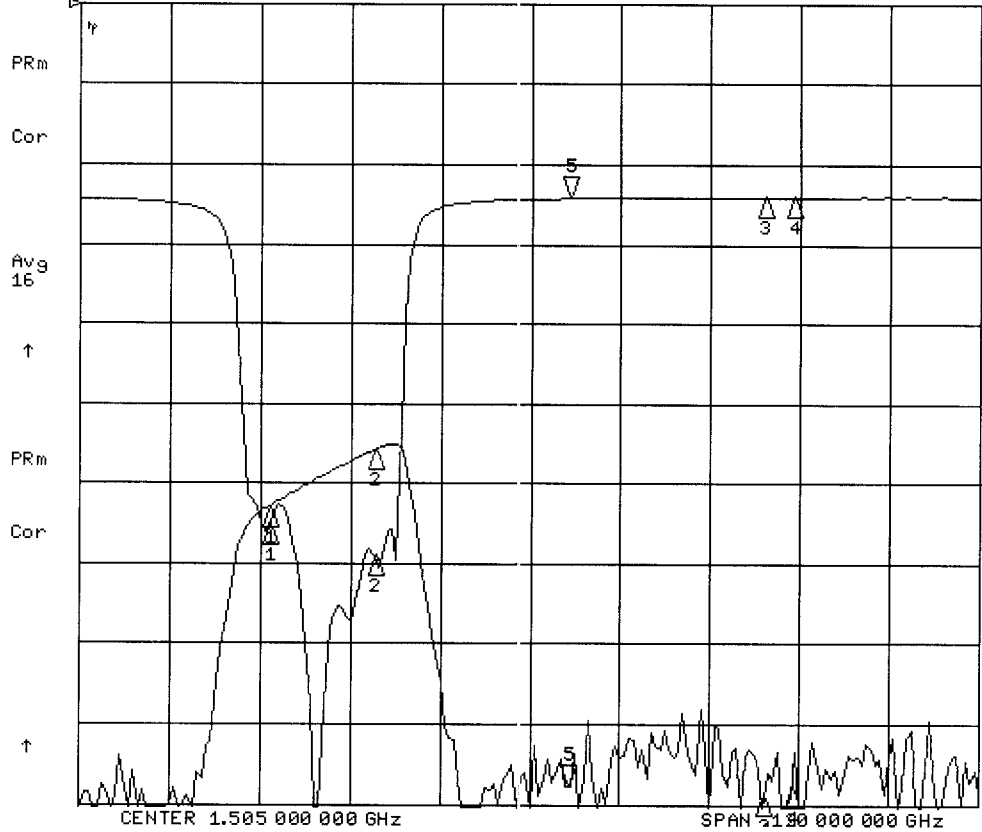
- 1:-61.282 dB
1.47000 GHz
- 2:-53.545 dB
1.48400 GHz
- 3:-77.500 dB
1.53600 GHz
- 4:-78.800 dB
1.54000 GHz

CH2 Markers

- 1:-23.896 dB
1.47000 GHz
- 2:-25.109 dB
1.48400 GHz
- 3:-24.413 dB
1.53600 GHz
- 4:-24.026 dB
1.54000 GHz

14 Oct 2008 12:10:10

CH1 S21 LOG 10 dB/REF 0 dB 5:-97.706 dB 1.510 000 000 GHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-.09700 dB



CH1 Markers

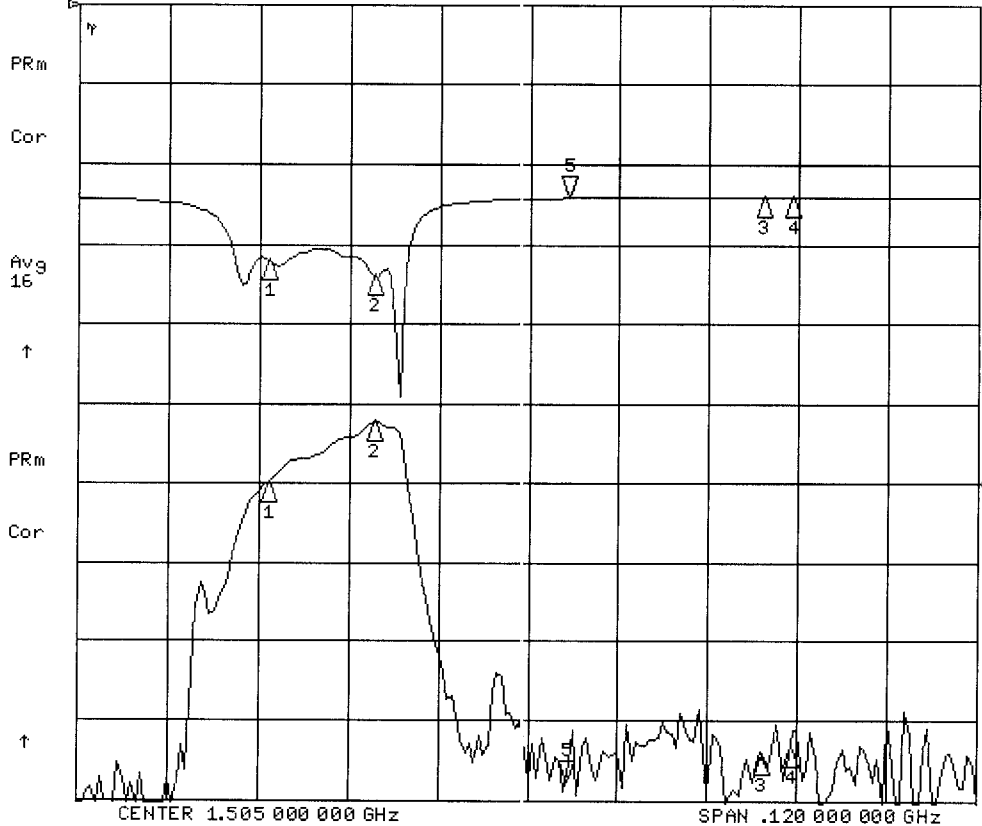
- 1:-62.926 dB
1.47000 GHz
- 2:-55.832 dB
1.48400 GHz
- 3:-99.352 dB
1.53600 GHz
- 4:-99.711 dB
1.54000 GHz

CH2 Markers

- 1:-20.548 dB
1.47000 GHz
- 2:-22.547 dB
1.48400 GHz
- 3:-.01100 dB
1.53600 GHz
- 4:-.01100 dB
1.54000 GHz

14 Oct 2008 12:10:15

CH1 S21 LOG 10 dB/REF 0 dB 5:-97.635 dB 1.510 000 000 GHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-.09500 dB



CH1 Markers

- 1:-59.976 dB
1.47000 GHz
- 2:-52.321 dB
1.48400 GHz
- 3:-94.313 dB
1.53600 GHz
- 4:-93.343 dB
1.54000 GHz

CH2 Markers

- 1:-3.9850 dB
1.47000 GHz
- 2:-5.0110 dB
1.48400 GHz
- 3:-.01800 dB
1.53600 GHz
- 4:-.01100 dB
1.54000 GHz