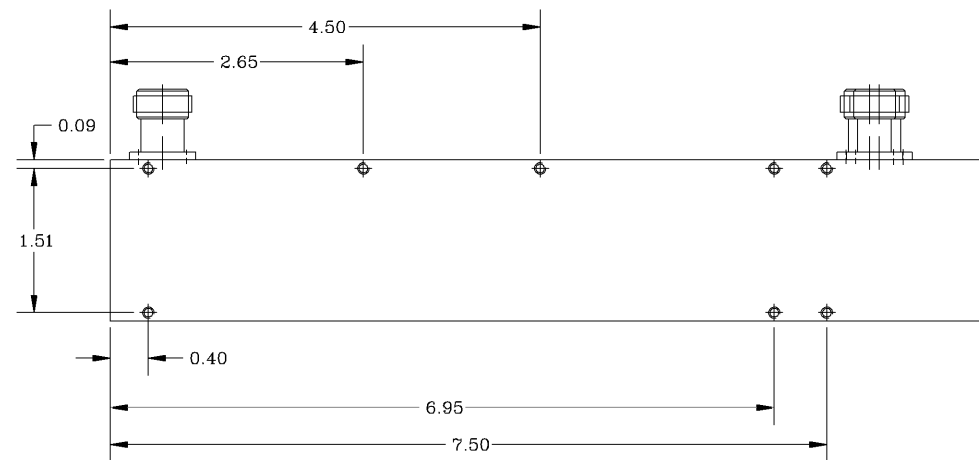
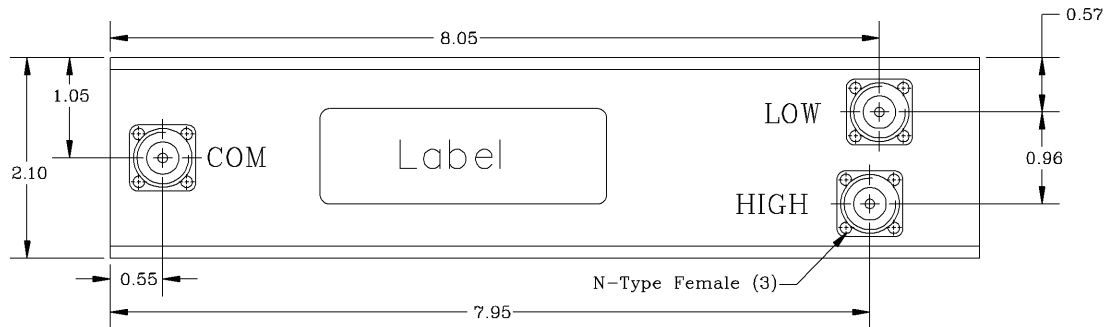
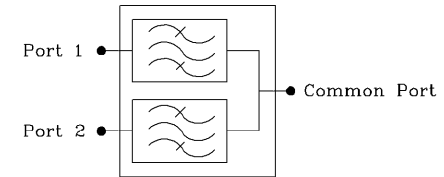
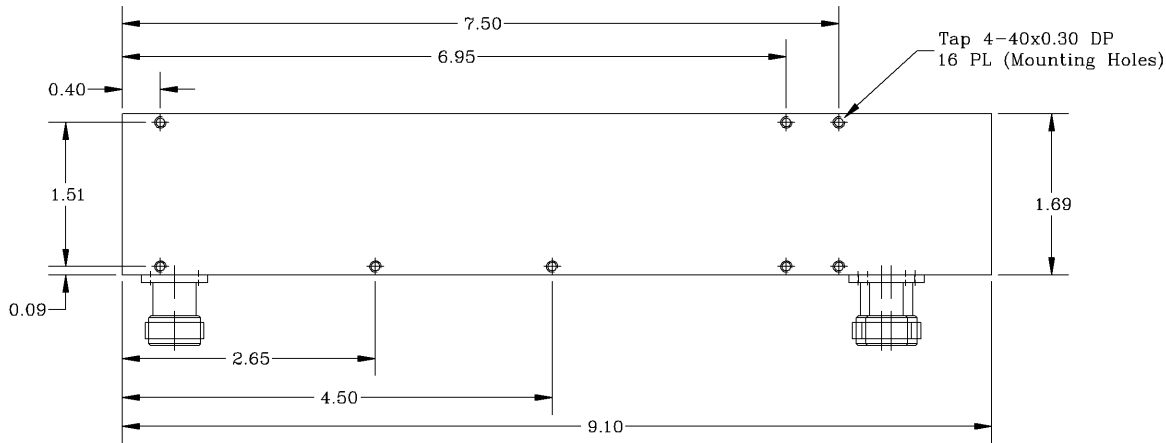


| REVISIONS | | | |
|-----------|--|------|----------|
| REV | | DATE | APPROVED |
| | | | |
| | | | |
| | | | |



Electrical Specifications

- *Band 1 Pass Band Range [MHz] : 1850 to 1910
- *Band 2 Pass Band Range [MHz] : 1930 to 1990
- *Pass Band Insertion Loss [dB] : <1.8, 1.5 (Typ.)
- *Pass Band Ripple [dB] : <0.5 P-T-P
- *Band 1 Attenuation @ 10 to 1790 MHz [dB] : 60 (Min.)
 1930 to 1990 MHz [dB] : 85 (Min.), 90 (Typ.)
 2100 to 3900 MHz [dB] : 80 (Min.)
- *Band 2 Attenuation @ 10 to 1800 MHz [dB] : 90 (Min.)
 1850 to 1910 MHz [dB] : 80 (Min.)
 2700 to 3900 MHz [dB] : 80 (Min.)
- *Isolation Tx to Rx [dB] : 80 (Min.)
- *Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 50 Watts
- *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:

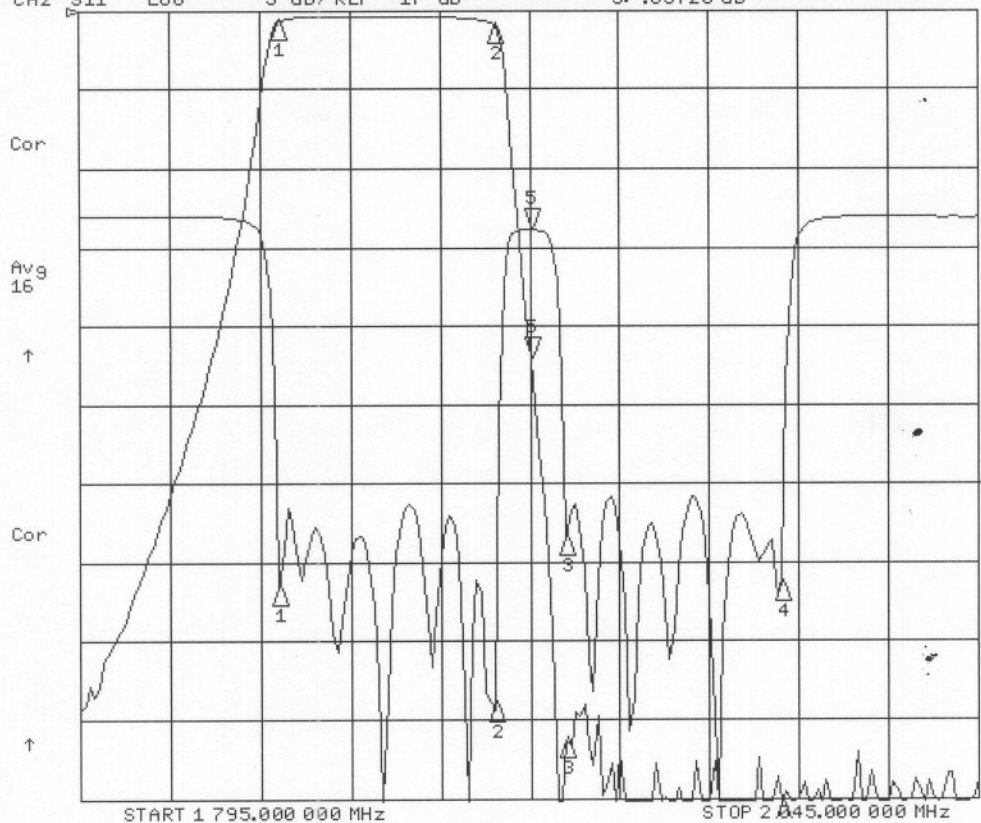
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
 EPOXY GRAY - OPTIONAL

| | | | | | |
|--|--------------------------------------|----------------------|-------|--------------------------|-----------------|
| DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS | | CONTRACT NO: | | G-Way Microwave | |
| ± 1° | .X ± .05 .XX ± .01 .XXX ± .003 | APPROVALS | DATE | | |
| TREATMENT | | DRAWN Sivak | 02/01 | CD1920/60SK-F3 | |
| FINISH 63/ | | CHECKED | | SIZE A | CAGE CODE 3K1H4 |
| MATERIAL | | ENG. DESIGN ACTIVITY | | DWG NO: CD1920/60SK-F3-1 | REV. 0 |
| | | | | SCALE None | SHEET 1 OF 1 |

CD1920/60 SK-F REV C

19 Jul 2006 14:40:05

CH1 S21 LOG 10 dB/REF 0 dB 5:-44.185 dB 1 920.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-.85720 dB



CH1 Markers

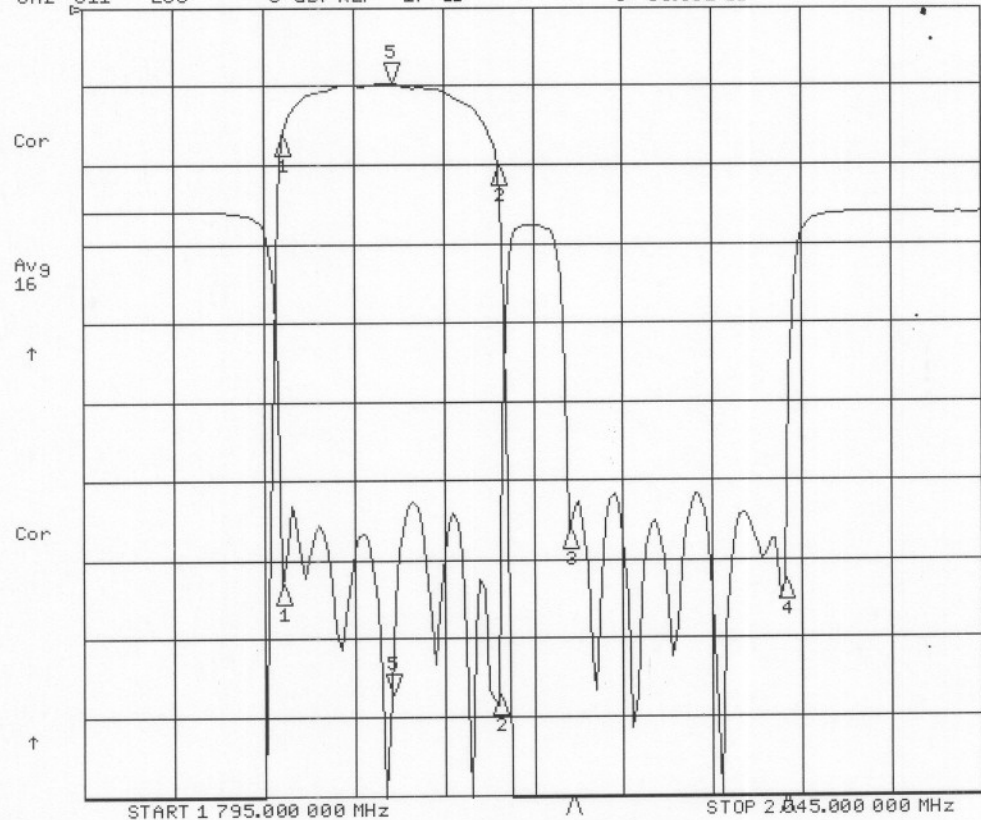
- 1:-1.3387 dB
1.85000 GHz
- 2:-1.7234 dB
1.91000 GHz
- 3:-92.525 dB
1.93000 GHz
- 4:-110.73 dB
1.99000 GHz

CH2 Markers

- 1:-23.427 dB
1.85000 GHz
- 2:-30.988 dB
1.91000 GHz
- 3:-20.368 dB
1.93000 GHz
- 4:-23.267 dB
1.99000 GHz

19 Jul 2006 14:40:20

CH1 S21 LOG 1 dB/REF .309 dB 5:-.64990 dB 1 880.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-30.561 dB



CH1 Markers

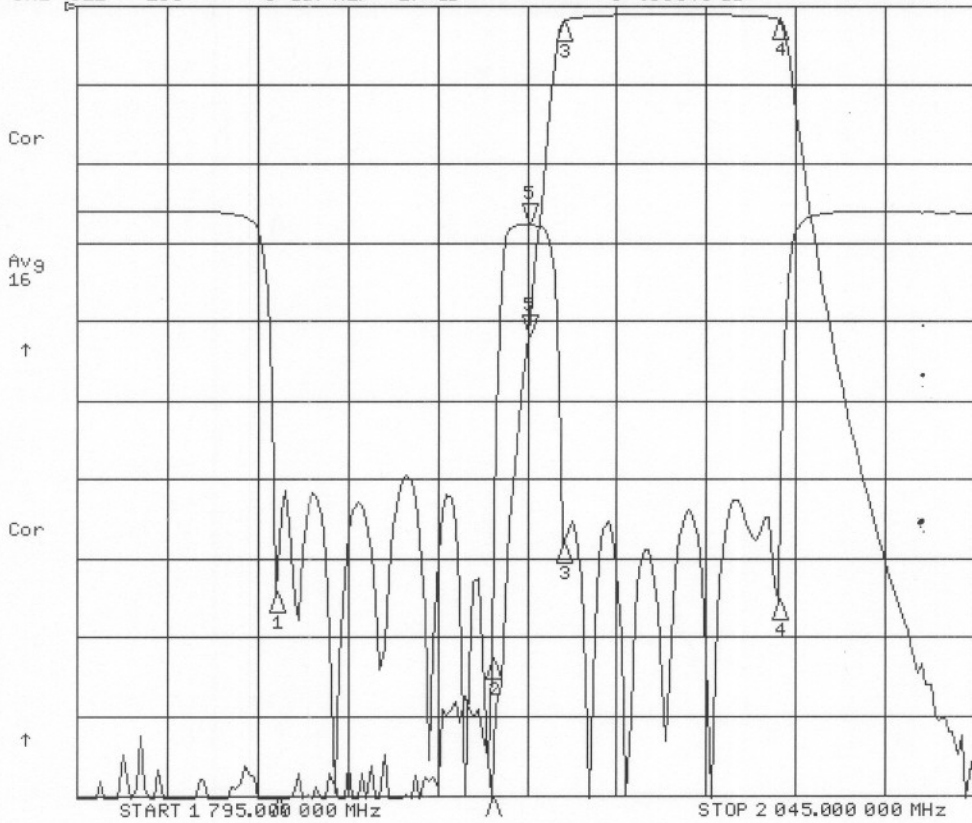
- 1:-1.3386 dB
1.85000 GHz
- 2:-1.7256 dB
1.91000 GHz
- 3:-92.882 dB
1.93000 GHz
- 4:-108.86 dB
1.99000 GHz

CH2 Markers

- 1:-23.589 dB
1.85000 GHz
- 2:-30.741 dB
1.91000 GHz
- 3:-20.100 dB
1.93000 GHz
- 4:-23.306 dB
1.99000 GHz

19 Jul 2006 14:40:55

CH1 S21 LOG 10 dB/REF .309 dB 5:-41.552 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-.85040 dB



CH1 Markers

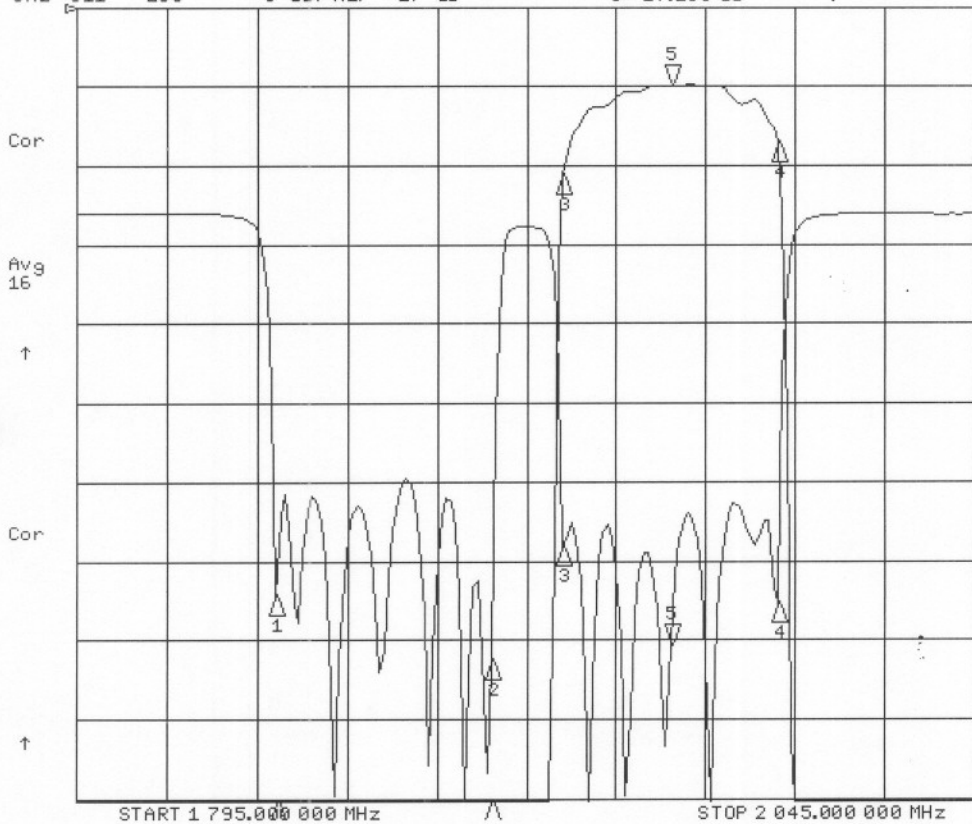
- 1:-105.86 dB
1.85000 GHz
- 2:-100.71 dB
1.91000 GHz
- 3:-1.7642 dB
1.93000 GHz
- 4:-1.3469 dB
1.99000 GHz

CH2 Markers

- 1:-24.209 dB
1.85000 GHz
- 2:-28.390 dB
1.91000 GHz
- 3:-21.122 dB
1.93000 GHz
- 4:-24.640 dB
1.99000 GHz

19 Jul 2006 14:41:18

CH1 S21 LOG 1 dB/REF .357 dB 5:-.63420 dB 1 960.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-27.298 dB



CH1 Markers

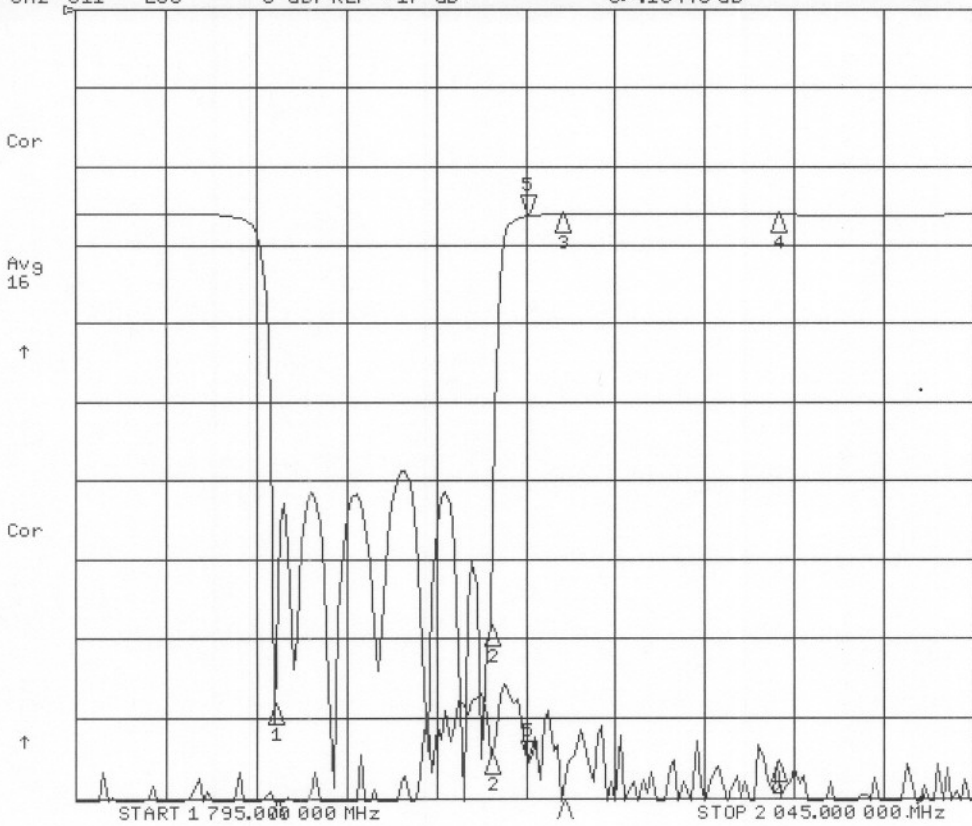
- 1:-114.56 dB
1.85000 GHz
- 2:-99.797 dB
1.91000 GHz
- 3:-1.7603 dB
1.93000 GHz
- 4:-1.3451 dB
1.99000 GHz

CH2 Markers

- 1:-24.223 dB
1.85000 GHz
- 2:-28.307 dB
1.91000 GHz
- 3:-21.032 dB
1.93000 GHz
- 4:-24.723 dB
1.99000 GHz

19 Jul 2006 14:42:45

CH1 S21 LOG 10 dB/REF 0 dB 5:-95.594 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-16.440 dB



CH1 Markers

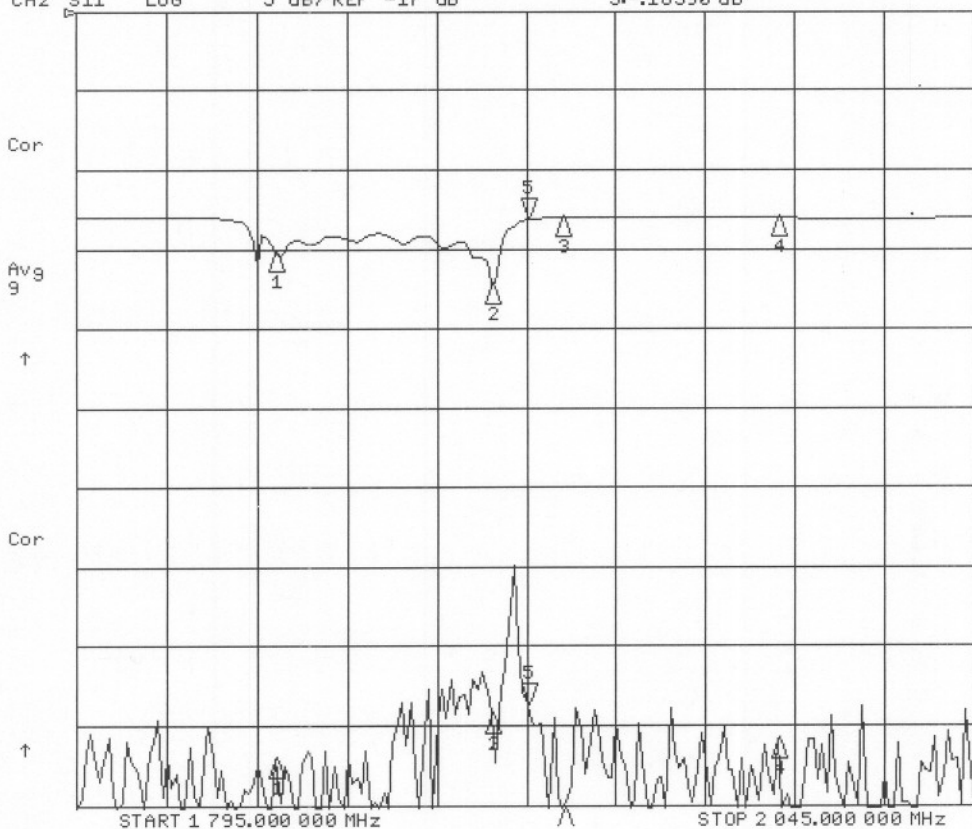
- 1:-100.98 dB
1.85000 GHz
- 2:-94.595 dB
1.91000 GHz
- 3:-108.02 dB
1.93000 GHz
- 4:-95.481 dB
1.99000 GHz

CH2 Markers

- 1:-31.219 dB
1.85000 GHz
- 2:-26.259 dB
1.91000 GHz
- 3:-0.03130 dB
1.93000 GHz
- 4:-0.05560 dB
1.99000 GHz

19 Jul 2006 14:42:48

CH1 S21 LOG 10 dB/REF 0 dB 5:-87.267 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-16.590 dB



CH1 Markers

- 1:-94.133 dB
1.85000 GHz
- 2:-88.573 dB
1.91000 GHz
- 3:-107.81 dB
1.93000 GHz
- 4:-91.665 dB
1.99000 GHz

CH2 Markers

- 1:-2.1360 dB
1.85000 GHz
- 2:-4.2234 dB
1.91000 GHz
- 3:-0.03040 dB
1.93000 GHz
- 4:-0.05410 dB
1.99000 GHz