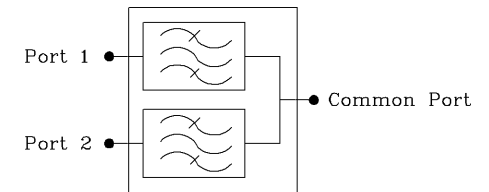
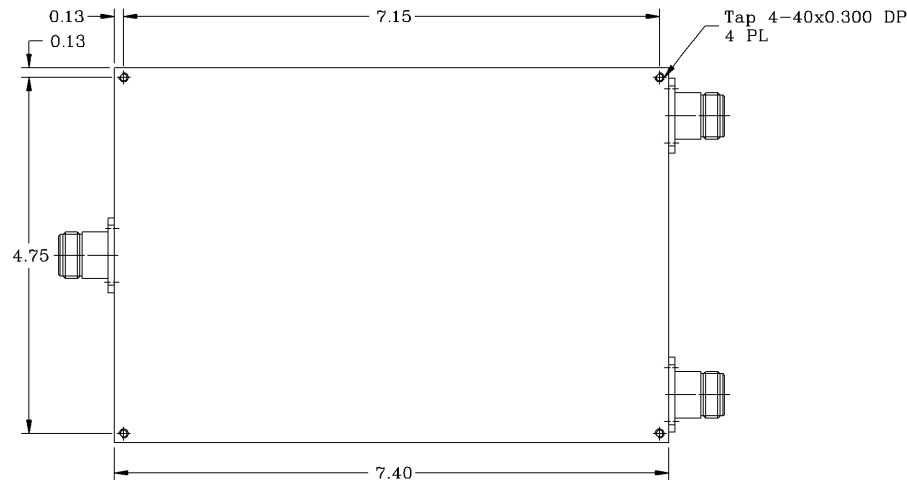
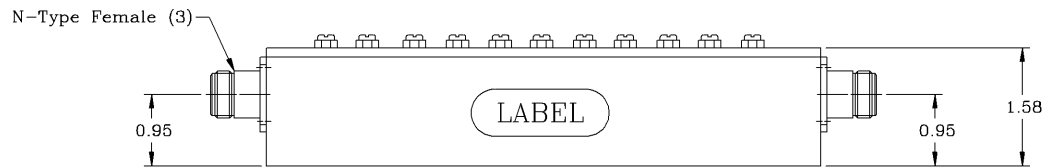
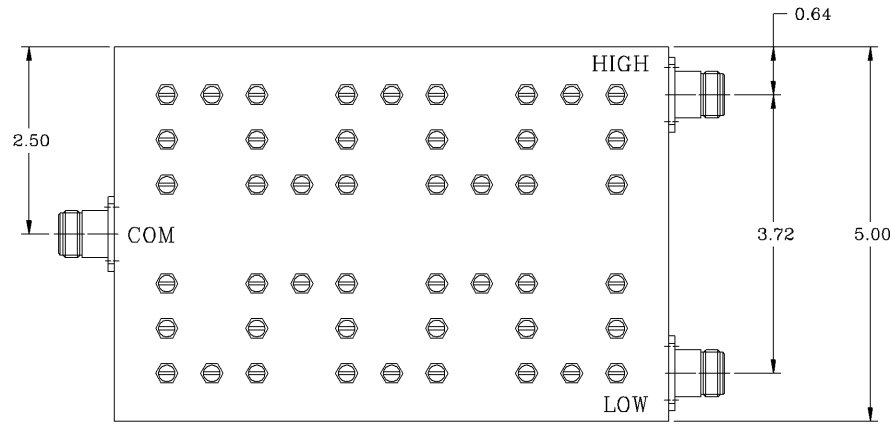


| REVISIONS | | | |
|-----------|--|------|----------|
| REV | | DATE | APPROVED |
| | | | |
| | | | |
| | | | |



Electrical Specifications

- *Low Pass Band Range [MHz] : 1710 to 1755
- *High Pass Band Range [MHz] : 2110 to 2155
- *Pass Band Insertion Loss [dB] : <1.0, 0.8 Typ.
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Band Rejection @ 2110 to 2155 MHz [dB] : 95 (Min.)
- *High Band Rejection @ 1710 to 1755 MHz [dB] : 95 (Min.)
- *Isolation between Filters [dB] : 95 (Min.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *IM Products, IM3 @ 2 x +33 dBm [dBc] : -143 (Min.)
- *IM Products, IM3 @ 2 x +43 dBm [dBc] : -133 (Typ.)
- *RF Power Capability CW DL Port : 200 Watts
- PEAK DL Port : 2200 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -30°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.

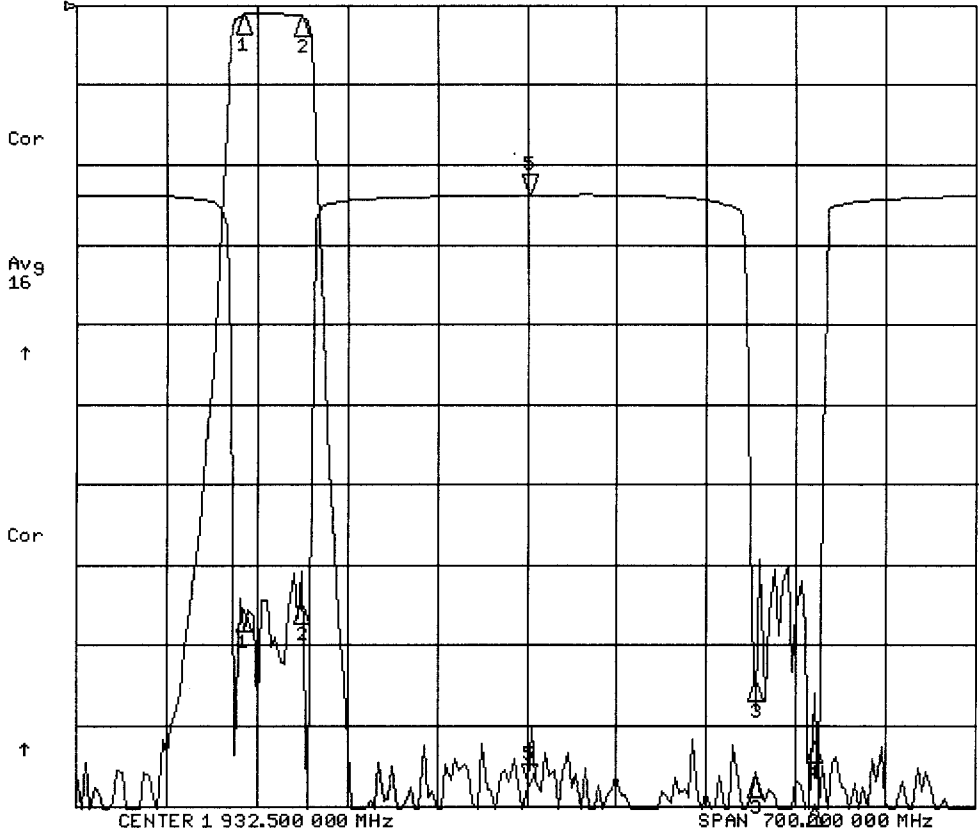
- NOTES:
- BREAK ALL CORNERS & EDGES.005/.010.
 - FINAL FINISH:
EPOXY GRAY - OPTIONAL

| DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS | | CONTRACT NO: | | G-Way Microwave | | | |
|--|--------------------------------------|-----------------|-------|------------------------|------------------|-----------|--------------------|
| ± 1" | .X ± .05 .XX ± .01 .XXX ± .003 | APPROVALS | DATE | | | | |
| TREATMENT | | DRAWN | Segal | 12/10 | CD1932.5/45HK-B7 | | |
| FINISH | 63/ | CHECKED | | | SIZE | CAGE CODE | DWG NO: |
| MATERIAL | | ENG. | | | A | 3K1H4 | CD1932.5/45HK-B7-1 |
| | | DESIGN ACTIVITY | | | SCALE | None | SHEET 1 OF 1 |

CD1932.5/45AK-B7

5 Jan 2011 14:28:21

CH1 S21 LOG 10 dB/REF 0 dB 5:-97.423 dB 1 932.500 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.07770 dB



CH1 Markers

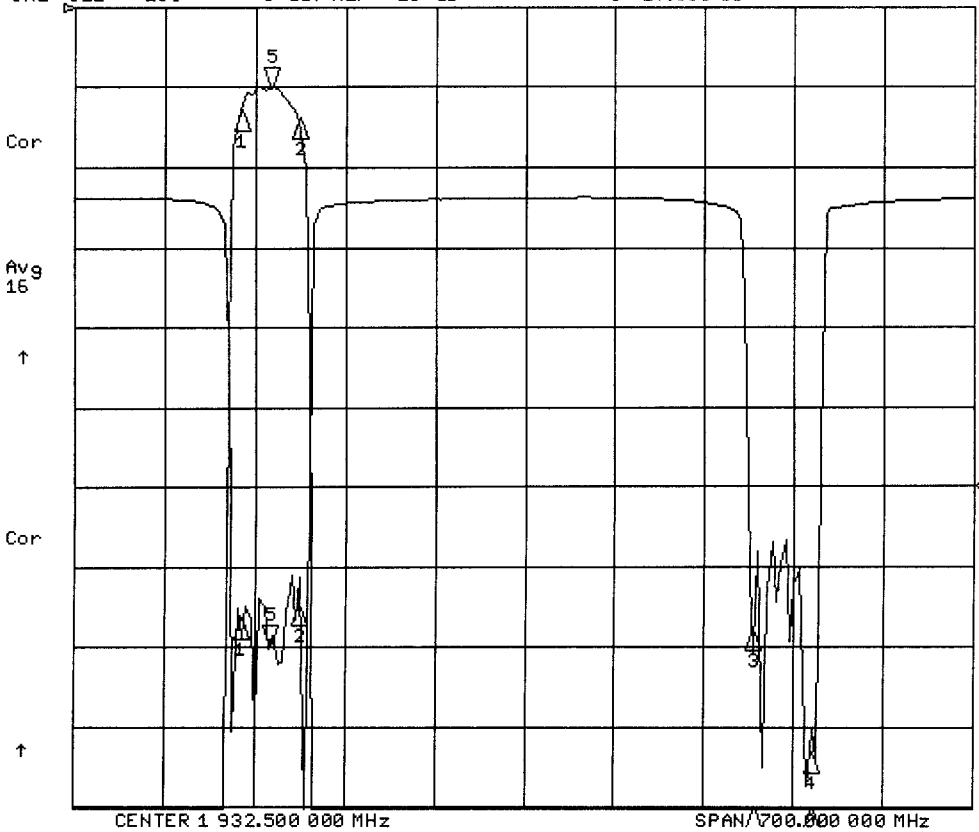
- 1:-1.2994 dB
1.71000 GHz
- 2:-1.4005 dB
1.75500 GHz
- 3:-96.525 dB
2.11000 GHz
- 4:-104.75 dB
2.15500 GHz

CH2 Markers

- 1:-25.927 dB
1.71000 GHz
- 2:-25.482 dB
1.75500 GHz
- 3:-30.301 dB
2.11000 GHz
- 4:-35.930 dB
2.15500 GHz

5 Jan 2011 14:28:34

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.0140 dB 1 732.500 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-27.899 dB



CH1 Markers

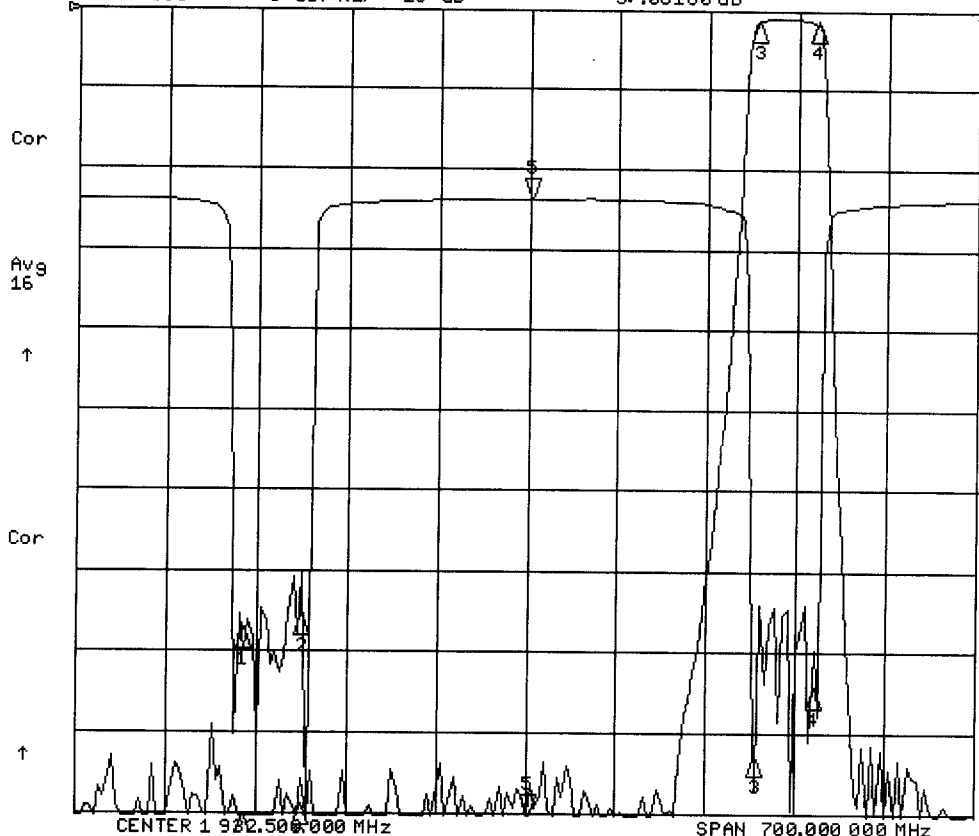
- 1:-1.3050 dB
1.71000 GHz
- 2:-1.3910 dB
1.75500 GHz
- 3:-100.25 dB
2.11000 GHz
- 4:-118.77 dB
2.15500 GHz

CH2 Markers

- 1:-26.320 dB
1.71000 GHz
- 2:-25.473 dB
1.75500 GHz
- 3:-26.971 dB
2.11000 GHz
- 4:-34.671 dB
2.15500 GHz

5 Jan 2011 14:27:07

CH1 S21 LOG 10 dB/REF 0 dB 5:-102.31 dB 1 932.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: .08180 dB



CH1 Markers

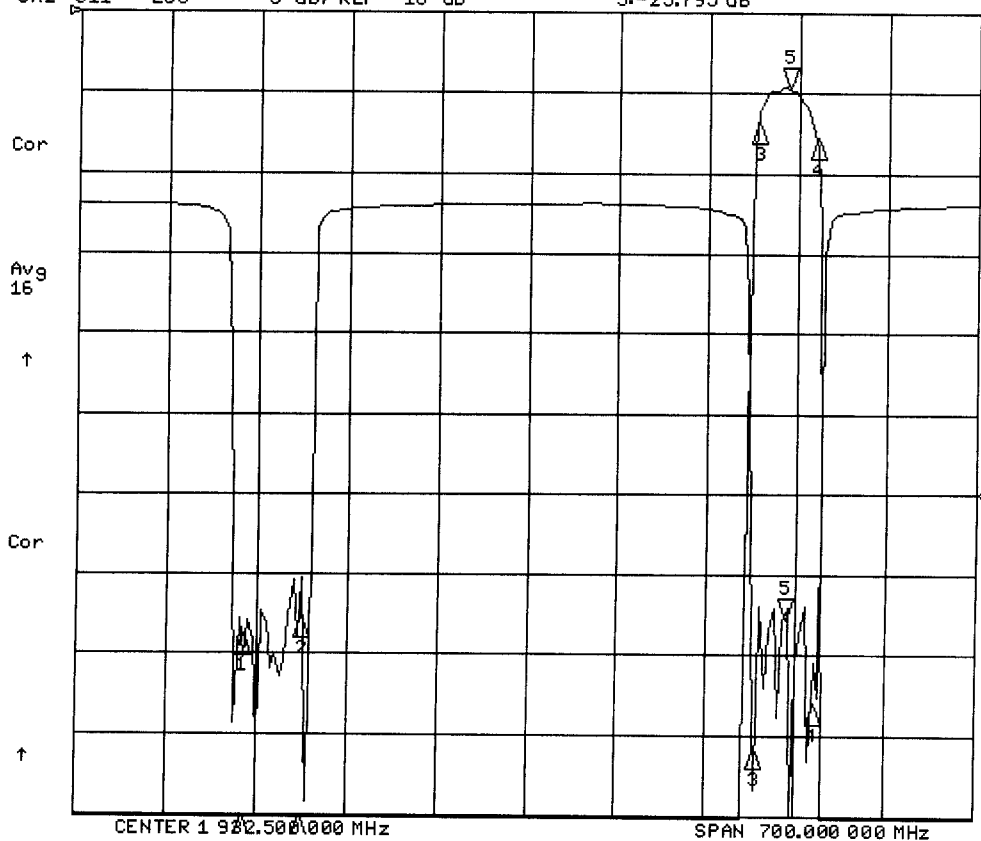
- 1:-102.62 dB
1.71000 GHz
- 2:-113.14 dB
1.75500 GHz
- 3:-1.3752 dB
2.11000 GHz
- 4:-1.5582 dB
2.15500 GHz

CH2 Markers

- 1:-26.656 dB
1.71000 GHz
- 2:-25.781 dB
1.75500 GHz
- 3:-34.395 dB
2.11000 GHz
- 4:-30.260 dB
2.15500 GHz

5 Jan 2011 14:27:30

CH1 S21 LOG 1 dB/REF 0 dB 5:-93.310 dB 2 132.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-25.795 dB



CH1 Markers

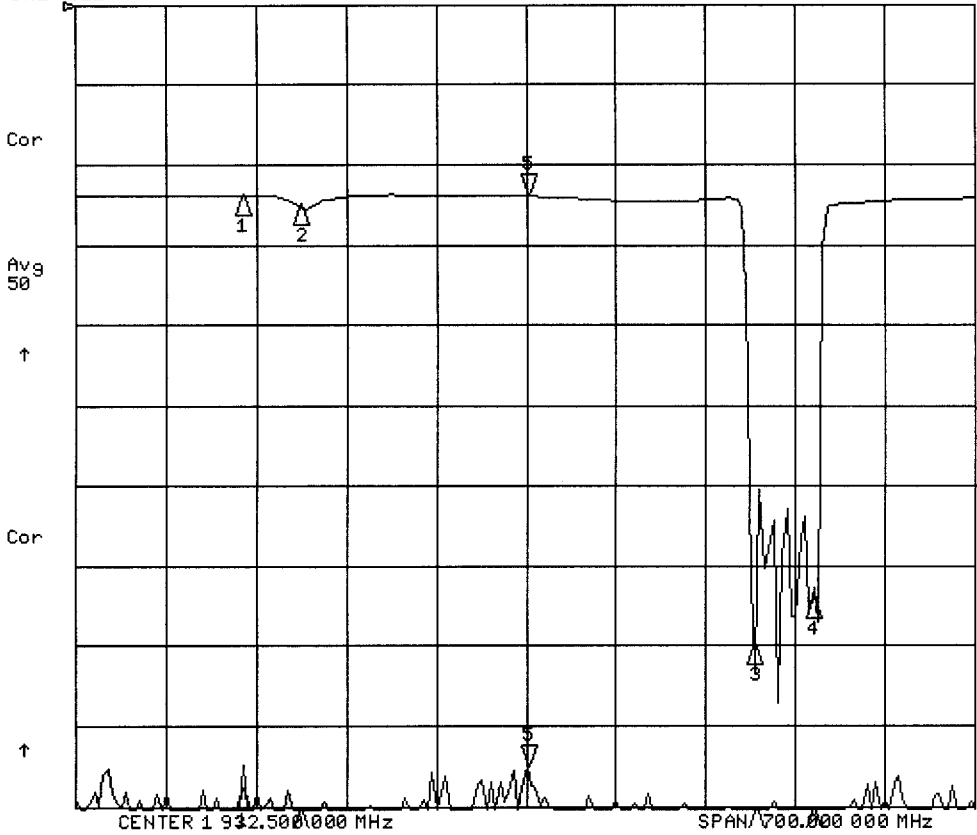
- 1:-100.46 dB
1.71000 GHz
- 2:-104.64 dB
1.75500 GHz
- 3:-1.3752 dB
2.11000 GHz
- 4:-1.5598 dB
2.15500 GHz

CH2 Markers

- 1:-26.878 dB
1.71000 GHz
- 2:-25.725 dB
1.75500 GHz
- 3:-33.777 dB
2.11000 GHz
- 4:-31.082 dB
2.15500 GHz

5 Jan 2011 14:29:55

CH1 S21 LOG 10 dB/REF 0 dB 5:-95.124 dB 1 932.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: .04180 dB



CH1 Markers

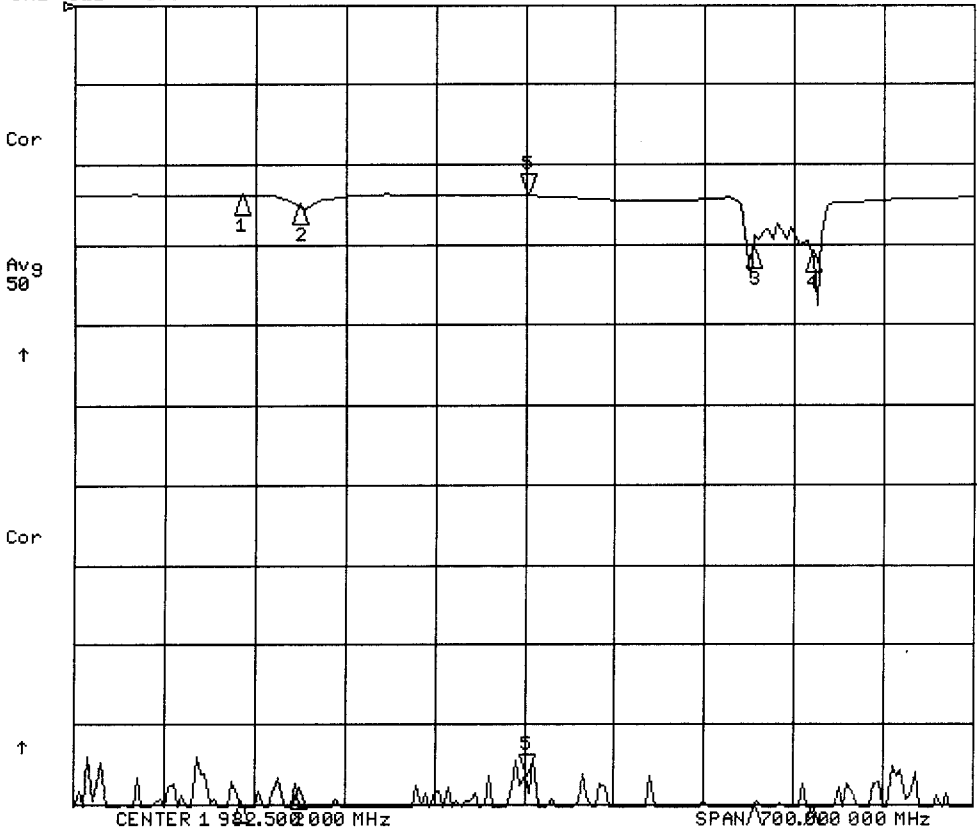
- 1:-98.596 dB
1.71000 GHz
- 2:-108.88 dB
1.75500 GHz
- 3:-104.31 dB
2.11000 GHz
- 4:-106.27 dB
2.15500 GHz

CH2 Markers

- 1: .09810 dB
1.71000 GHz
- 2:-.55400 dB
1.75500 GHz
- 3:-27.989 dB
2.11000 GHz
- 4:-25.024 dB
2.15500 GHz

5 Jan 2011 14:30:06

CH1 S21 LOG 10 dB/REF 0 dB 5:-96.612 dB 1 932.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: .03950 dB



CH1 Markers

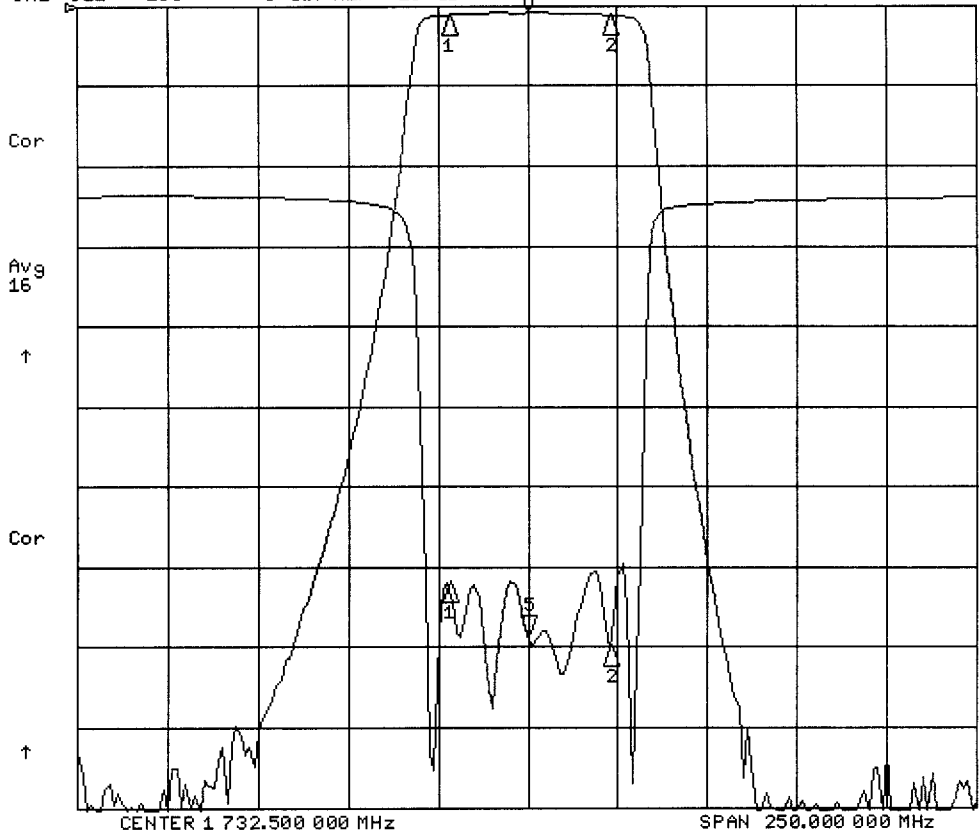
- 1:-100.03 dB
1.71000 GHz
- 2:-99.362 dB
1.75500 GHz
- 3:-108.33 dB
2.11000 GHz
- 4:-105.86 dB
2.15500 GHz

CH2 Markers

- 1: .09640 dB
1.71000 GHz
- 2:-.56540 dB
1.75500 GHz
- 3:-3.2315 dB
2.11000 GHz
- 4:-3.4749 dB
2.15500 GHz

5 Jan 2011 14:28:43

CH1 S21 LOG 10 dB/REF 0 dB 5: -87850 dB 1 732.230 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: -27.407 dB



CH1 Markers

1:-1.0983 dB
1.71000 GHz

2:-1.1371 dB
1.75500 GHz

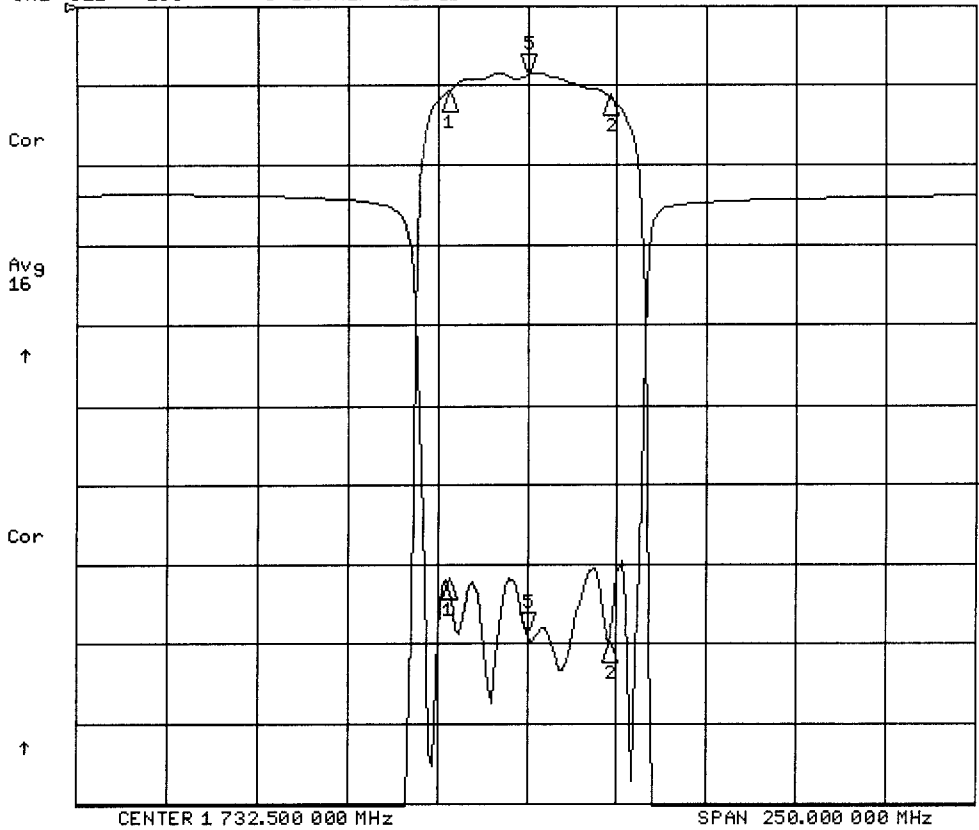
CH2 Markers

1:-23.945 dB
1.71000 GHz

2:-28.000 dB
1.75500 GHz

5 Jan 2011 14:28:46

CH1 S21 LOG 1 dB/REF 0 dB 5: -87880 dB 1 732.230 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: -27.370 dB



CH1 Markers

1:-1.0972 dB
1.71000 GHz

2:-1.1361 dB
1.75500 GHz

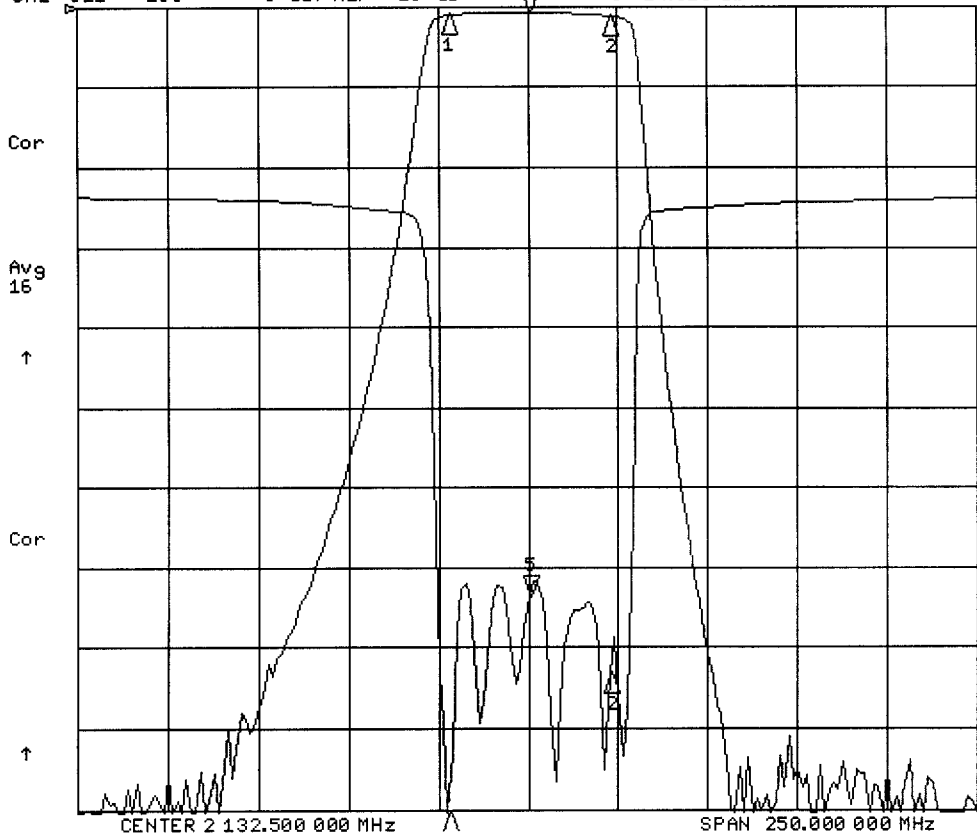
CH2 Markers

1:-23.925 dB
1.71000 GHz

2:-28.011 dB
1.75500 GHz

5 Jan 2011 14:30:57

CH1 S21 LOG 10 dB/REF 0 dB 5: -76.930 dB 2 132.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: -24.819 dB



CH1 Markers

1:-1.0349 dB
2.11000 GHz

2:-1.1585 dB
2.15500 GHz

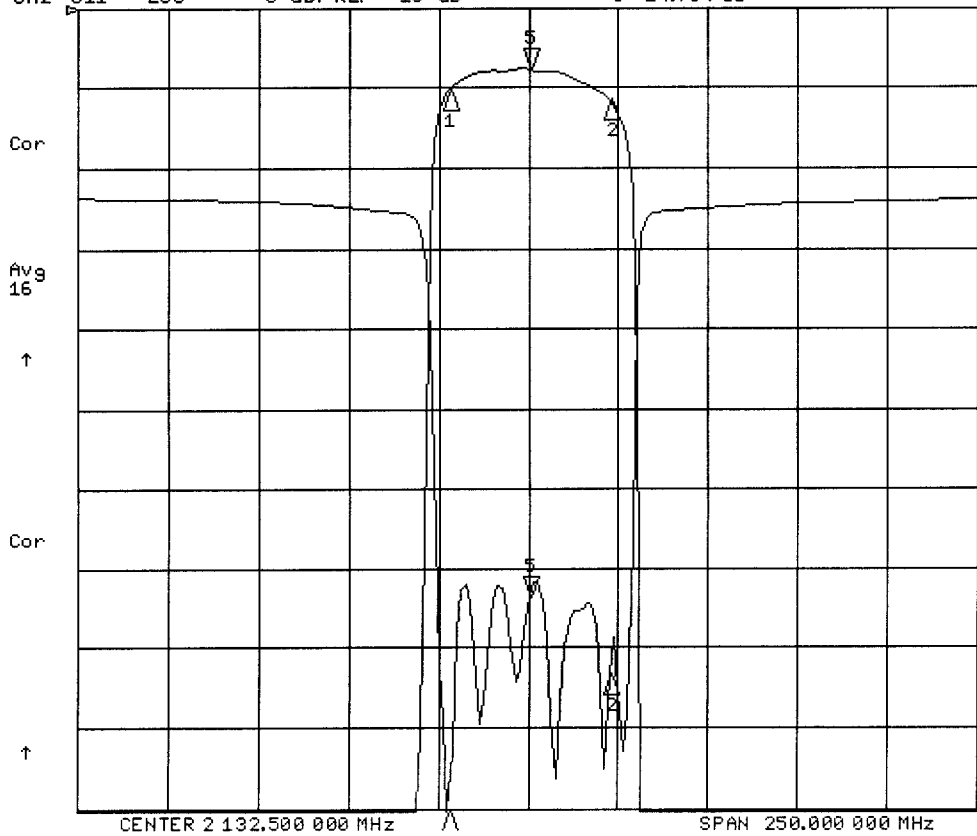
CH2 Markers

1:-40.263 dB
2.11000 GHz

2:-29.692 dB
2.15500 GHz

5 Jan 2011 14:31:01

CH1 S21 LOG 1 dB/REF 0 dB 5: -77.140 dB 2 132.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5: -24.794 dB



CH1 Markers

1:-1.0347 dB
2.11000 GHz

2:-1.1543 dB
2.15500 GHz

CH2 Markers

1:-40.308 dB
2.11000 GHz

2:-29.785 dB
2.15500 GHz