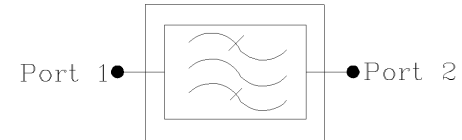
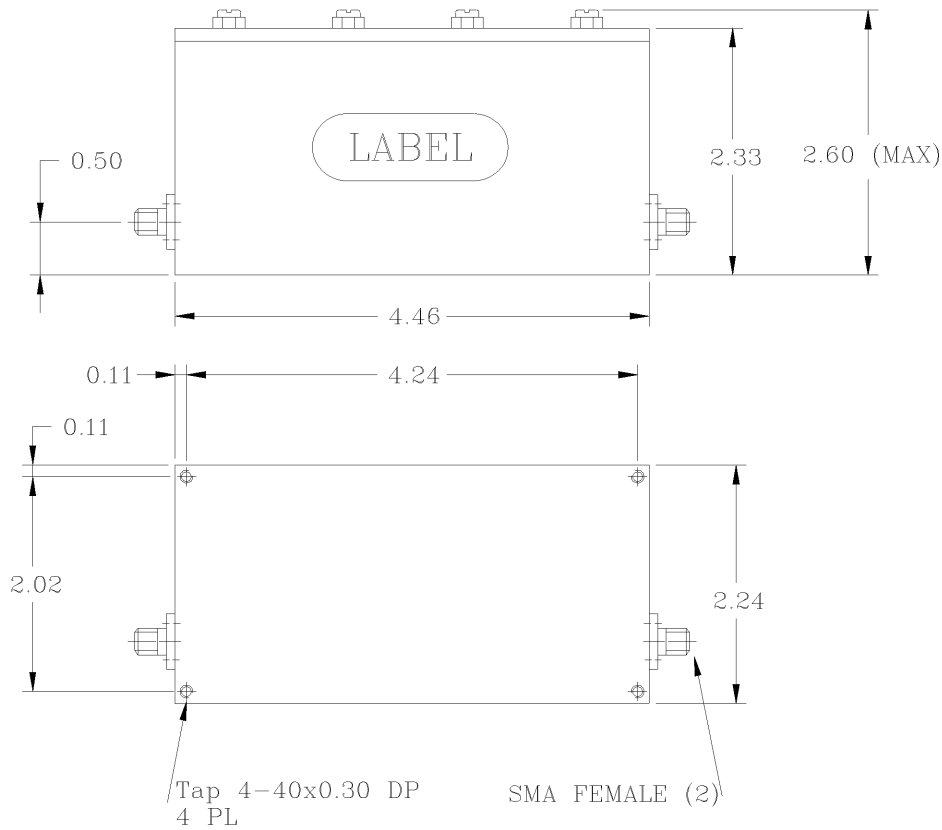


REVISIONS

REV	DATE	APPROVED



Electrical Specifications

- *1dB Pass Band Range [MHz] : 929.5 to 932.5
- *Pass Band Insertion Loss [dB] : <2.0, 1.9 (Typ.)
- *Pass Band Ripple [dB] : <0.4 P-T-P
- *Rejection DC to 890 MHz [dB] : 70 (Min.), 80 (Typ.)
 - @ 890 to 920 MHz [dBc] : 50 (Min.)
 - @ 920 to 925 MHz [dBc] : 35 (Min.), 45 (Typ.)
 - @ 927 [dBc] : 15 (Min.), 20 (Typ.)
 - @ 935 [dBc] : 10 (Min.), 15 (Typ.)
 - @ 938 to 2000 MHz [dBc] : 40 (Min.), 45 (Typ.)
- *Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 10 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -10°C TO +70°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:

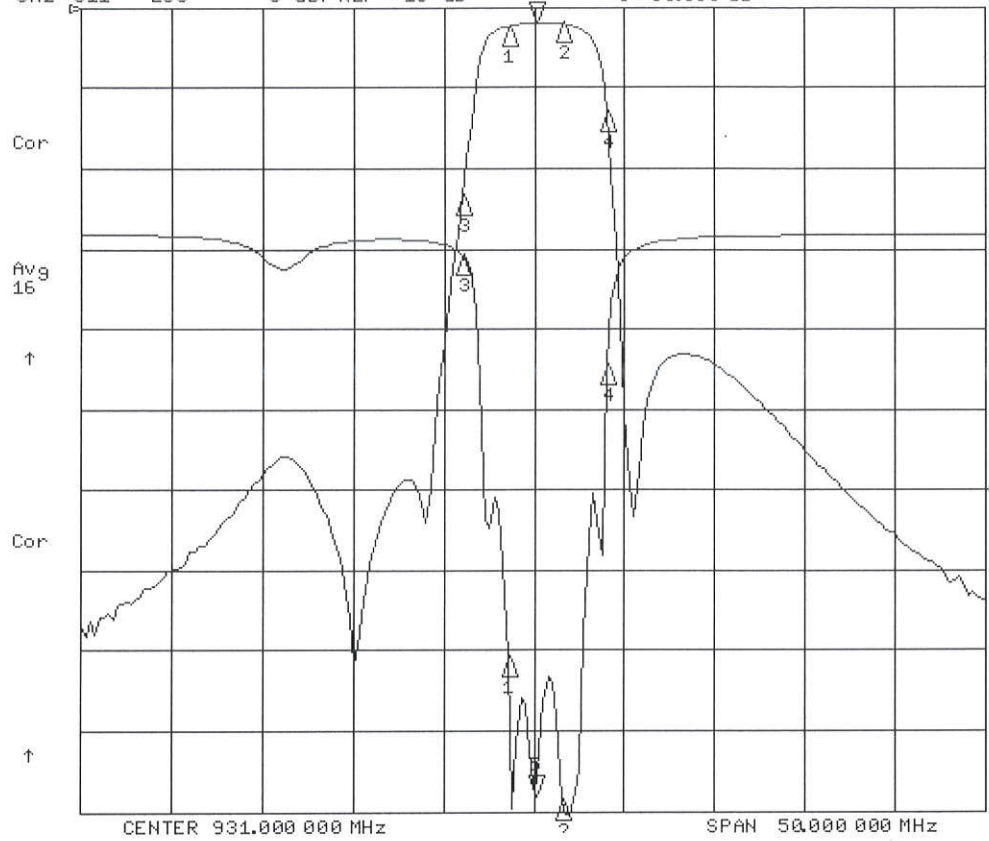
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Way Microwave	
TOLERANCES ARE ANGLES DECIMALS		APPROVALS DATE			
± 1"	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Segal	06/13	TITLE Band Pass Filter 931 MHz CB931/3SK-B2	
TREATMENT	CHECKED	ENG.		SIZE A	CAGE CODE 3K1H4
FINISH 63/	DESIGN ACTIVITY	DWG NO:		CB931/3SK-B2-1	REV. 0
MATERIAL		SCALE None			SHEET 1 OF 1

CB4B1/32K-D2

ROOM TEMP.

26 Jun 2013 13:54:26
 CH1 S21 LOG 10 dB/REF 0 dB 5:-1.9166 dB 931.000 000 MHz
 CH2 S11 LOG 5 dB/REF -16 dB 5:-35.093 dB



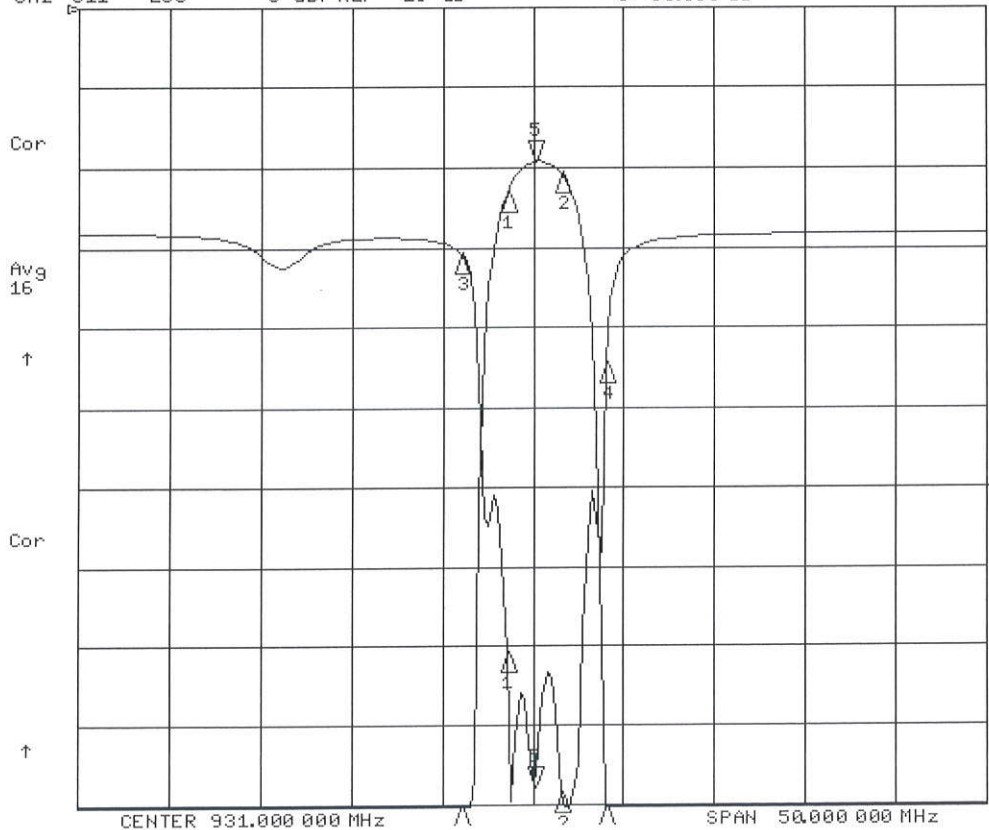
CH1 Markers

- 1:-2.3038 dB
929.500 MHz
- 2:-2.0669 dB
932.500 MHz
- 3:-23.423 dB
927.000 MHz
- 4:-13.037 dB
935.000 MHz

CH2 Markers

- 1:-26.413 dB
929.500 MHz
- 2:-35.320 dB
932.500 MHz
- 3:-1.4175 dB
927.000 MHz
- 4:-8.3021 dB
935.000 MHz

26 Jun 2013 13:54:30
 CH1 S21 LOG 1 dB/REF 0 dB 5:-1.9166 dB 931.000 000 MHz
 CH2 S11 LOG 5 dB/REF -16 dB 5:-35.030 dB



CH1 Markers

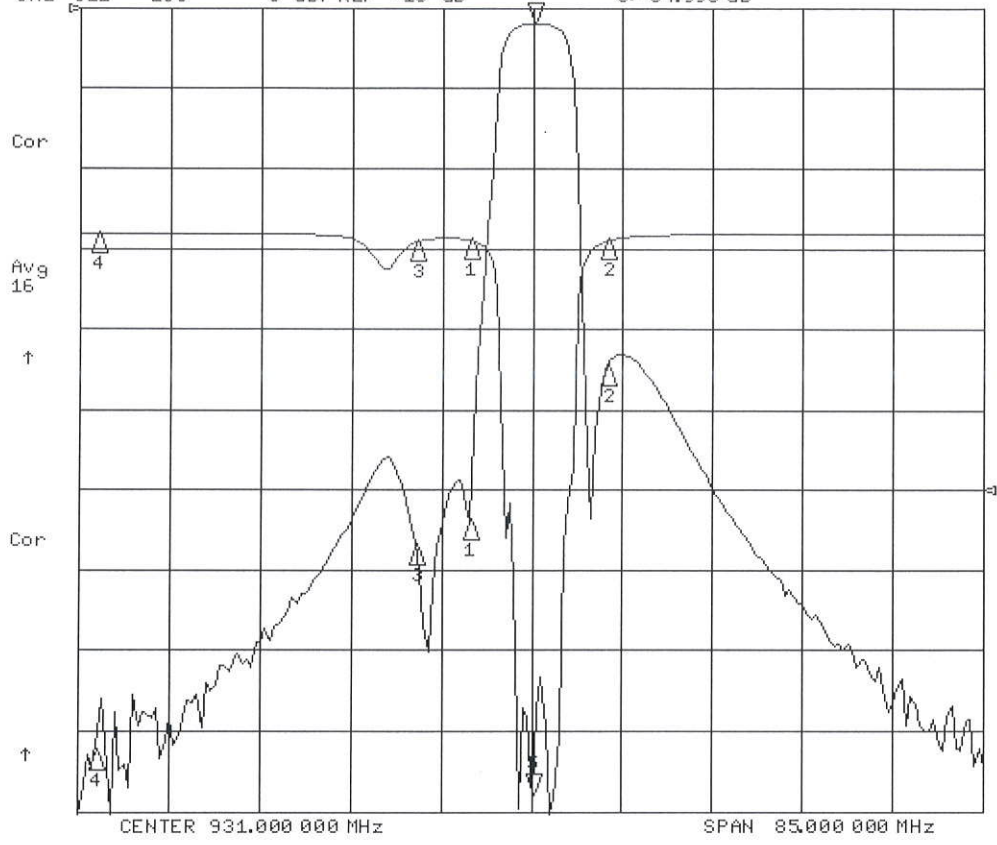
- 1:-2.3021 dB
929.500 MHz
- 2:-2.0677 dB
932.500 MHz
- 3:-23.422 dB
927.000 MHz
- 4:-13.037 dB
935.000 MHz

CH2 Markers

- 1:-26.429 dB
929.500 MHz
- 2:-35.334 dB
932.500 MHz
- 3:-1.4151 dB
927.000 MHz
- 4:-8.3003 dB
935.000 MHz

ROOM TEMP

26 Jun 2013 13:55:10
[CH1] S21 LOG 10 dB/REF 0 dB 5:-1.9482 dB 931.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5:-34.993 dB



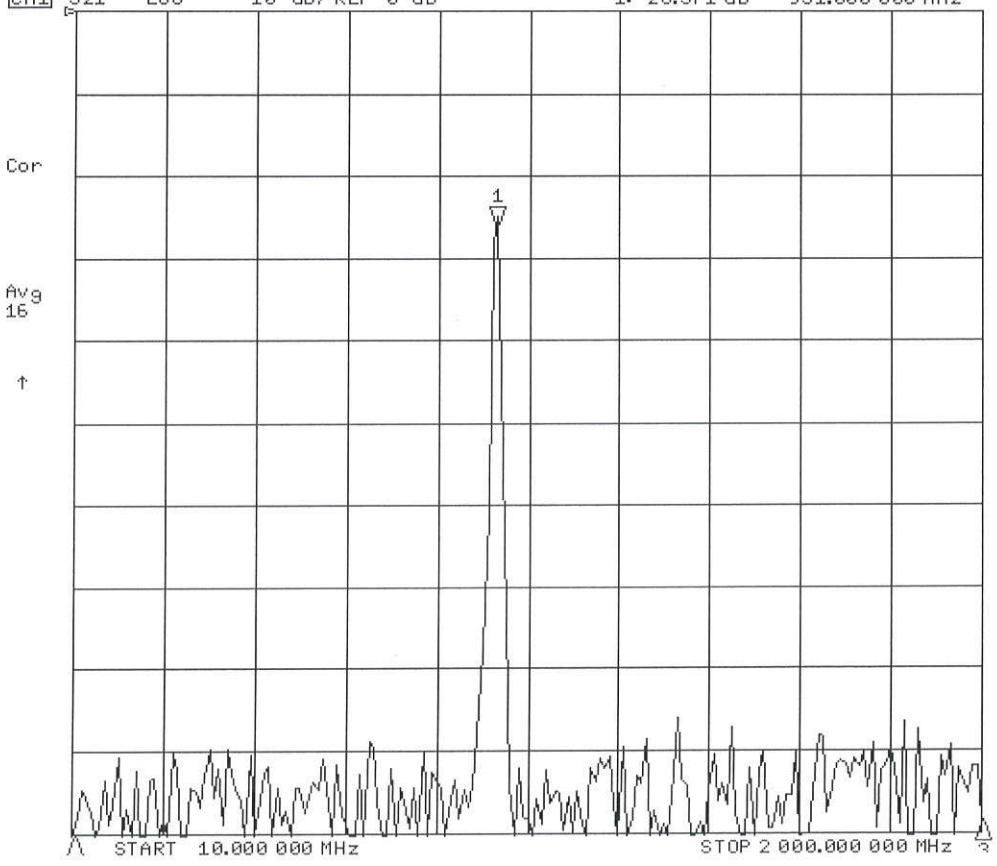
CH1 Markers

- 1:-63.694 dB
925.000 MHz
- 2:-44.558 dB
938.000 MHz
- 3:-66.976 dB
920.000 MHz
- 4:-92.329 dB
890.000 MHz

CH2 Markers

- 1:-4.8850 dB
925.000 MHz
- 2:-4.9830 dB
938.000 MHz
- 3:-5.0020 dB
920.000 MHz
- 4:-0.05820 dB
890.000 MHz

26 Jun 2013 13:55:21
[CH1] S21 LOG 10 dB/REF 0 dB 1:-26.371 dB 931.000 000 MHz



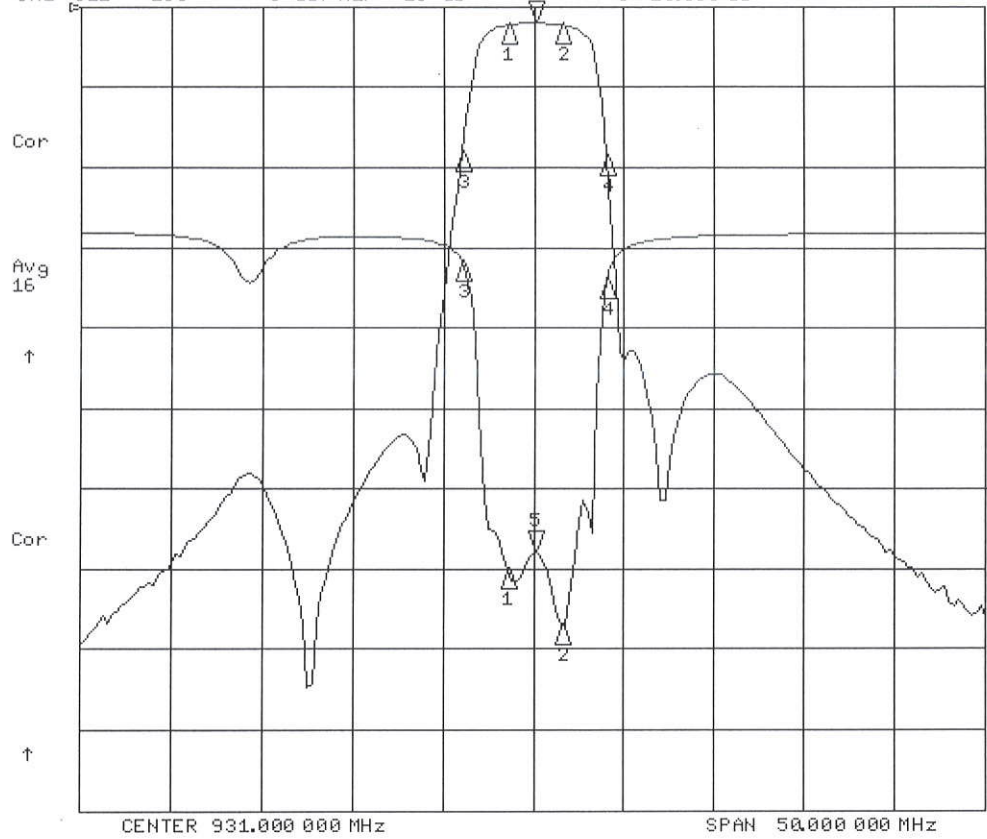
CH1 Markers

- 2:-106.18 dB
10.0000 MHz
- 3:-98.776 dB
2.00000 GHz

+70°C

26 Jun 2013 12:35:41

CH1 S21 LOG 10 dB/REF 0 dB 5:-2.0394 dB 931.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5:-19.989 dB



CH1 Markers

1:-2.2782 dB
929.500 MHz

2:-2.2368 dB
932.500 MHz

3:-18.125 dB
927.000 MHz

4:-18.480 dB
935.000 MHz

CH2 Markers

1:-21.039 dB
929.500 MHz

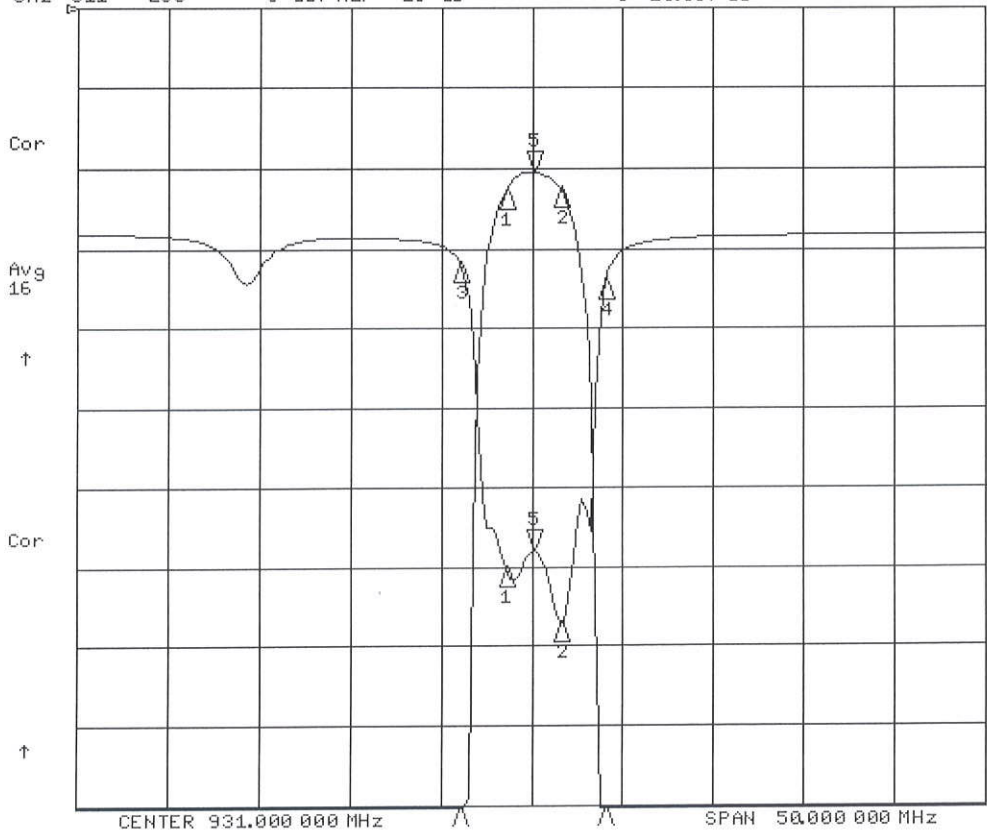
2:-24.551 dB
932.500 MHz

3:-1.8798 dB
927.000 MHz

4:-3.0073 dB
935.000 MHz

26 Jun 2013 12:35:45

CH1 S21 LOG 1 dB/REF 0 dB 5:-2.0383 dB 931.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5:-19.967 dB



CH1 Markers

1:-2.2767 dB
929.500 MHz

2:-2.2345 dB
932.500 MHz

3:-18.139 dB
927.000 MHz

4:-18.451 dB
935.000 MHz

CH2 Markers

1:-20.995 dB
929.500 MHz

2:-24.568 dB
932.500 MHz

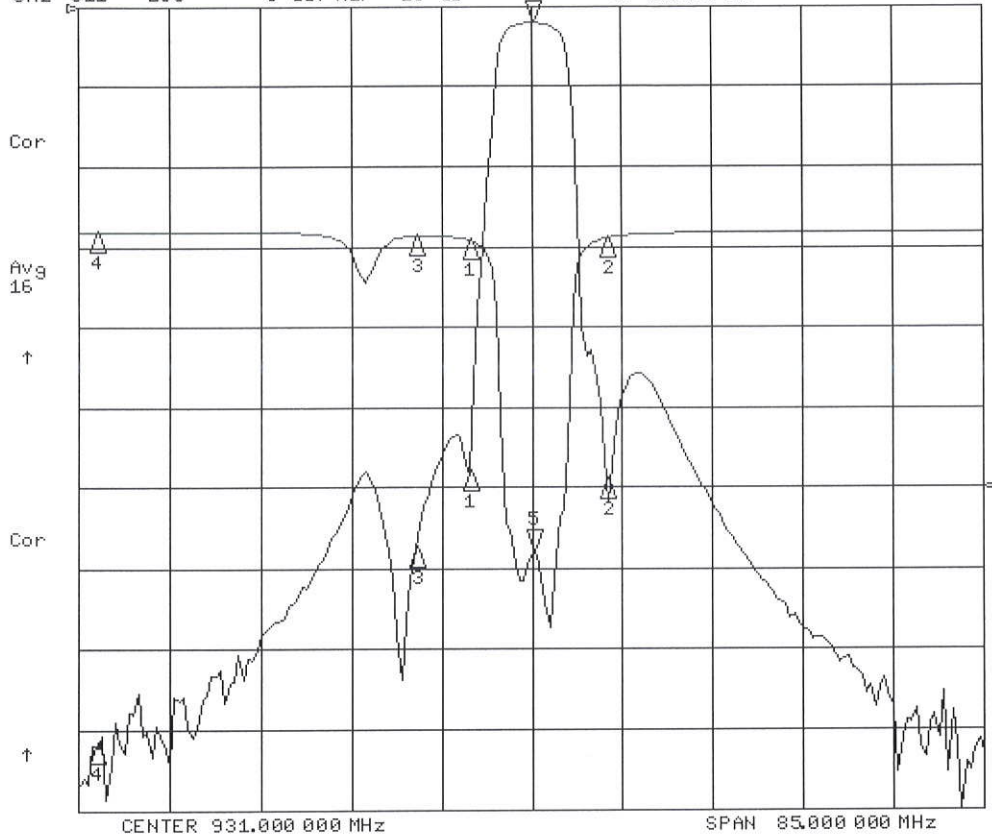
3:-1.8713 dB
927.000 MHz

4:-3.0088 dB
935.000 MHz

170C

26 Jun 2013 12:36:07

CH1 S21 LOG 10 dB/REF 0 dB 5:-2.0650 dB 931.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5:-19.969 dB



CH1 Markers

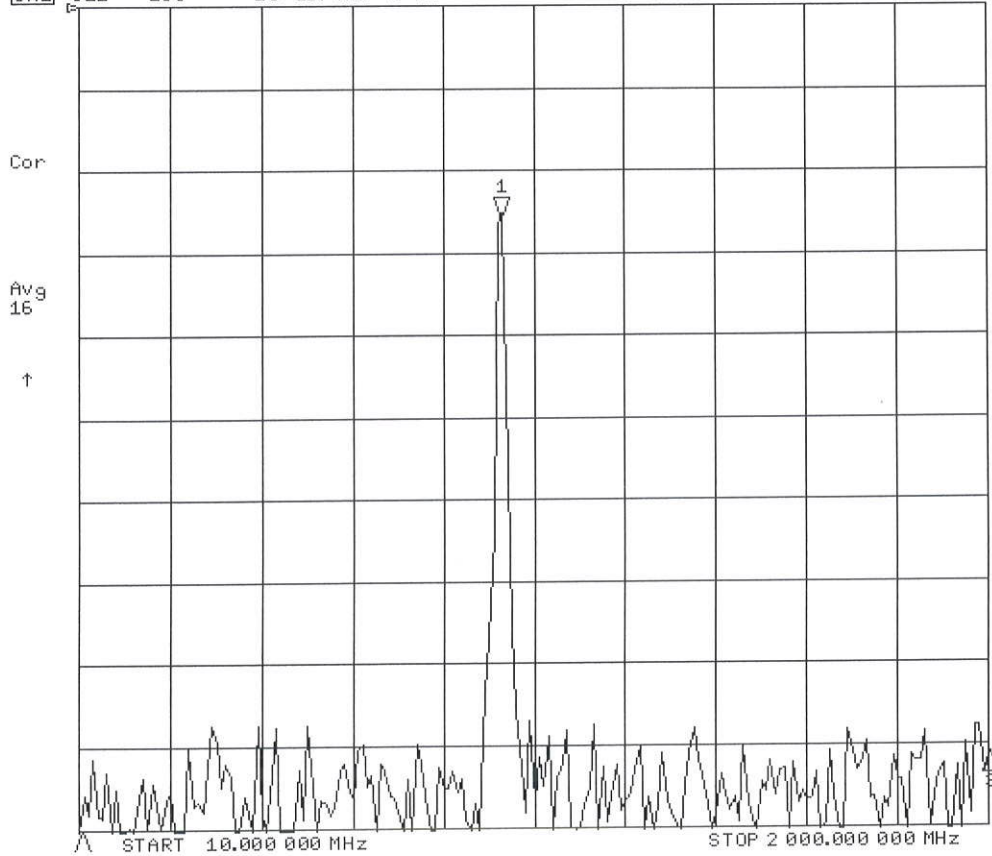
- 1:-58.093 dB
925.000 MHz
- 2:-59.021 dB
938.000 MHz
- 3:-67.270 dB
920.000 MHz
- 4:-91.697 dB
890.000 MHz

CH2 Markers

- 1:-55.190 dB
925.000 MHz
- 2:-46.700 dB
938.000 MHz
- 3:-32.460 dB
920.000 MHz
- 4:-06.170 dB
890.000 MHz

26 Jun 2013 12:36:19

CH1 S21 LOG 10 dB/REF 0 dB 1:-25.825 dB 931.000 000 MHz



CH1 Markers

- 1:-25.825 dB
931.000 MHz
- 2:-104.99 dB
10.0000 MHz
- 3:-91.111 dB
2.00000 GHz