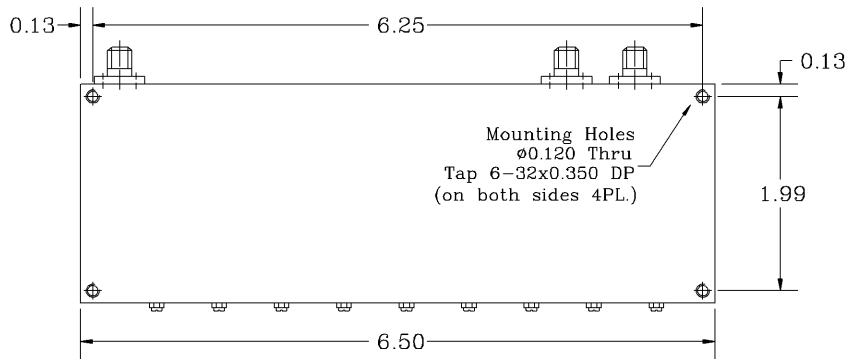
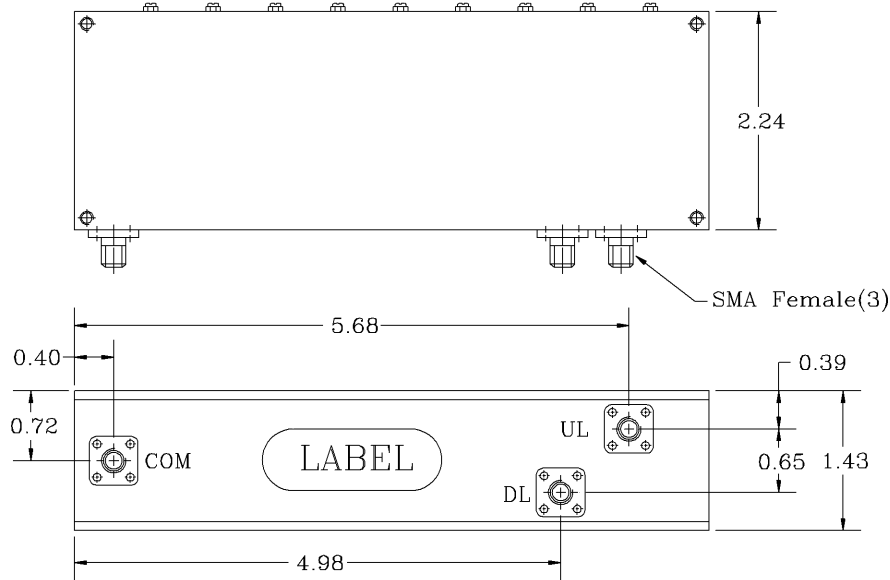
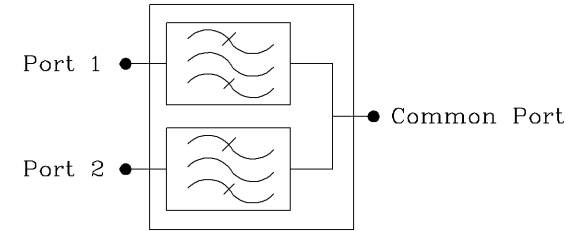


REVISIONS			
REV		DATE	APPROVED
A	Special tuning	04/08	G. David



Net Weight: .495 kg/1.1 lb



Electrical Specifications

*UL 1dB Pass Band Range [MHz]	: 880 to 915
*Insertion Loss @ Fo [dB]	: <1.0, 0.9 (Typ.)
*Pass Band Insertion Loss @ 880 & 915 MHz [dB]	: <1.9, 1.8 (Typ.)
*DL 1dB Pass Band Range [MHz]	: 925 to 960
*Insertion Loss @ Fo [dB]	: <0.9, 0.8 (Typ.)
*Pass Band Insertion Loss @ 925 & 960 MHz [dB]	: <1.3, 1.2 (Typ.)
*Pass Band Ripple [dB]	: <0.4 P-T-P
*UL Attenuation @ 925 to 960 MHz [dB]	: 65 (Min), 70 (Typ.)
*DL Attenuation @ 880 to 915 MHz [dB]	: 45 (Min), 50 (Typ.)
*Pass Band Return Loss [dB]	: -17 (Max.), <1.32:1
*Input/Output Impedance	: 50 ohm
*RF Power Capability CW	: 20 Watts
*Input/Output @ DC Ground Potential	

OPERATING TEMPERATURE RANGE -30°C TO +85°C

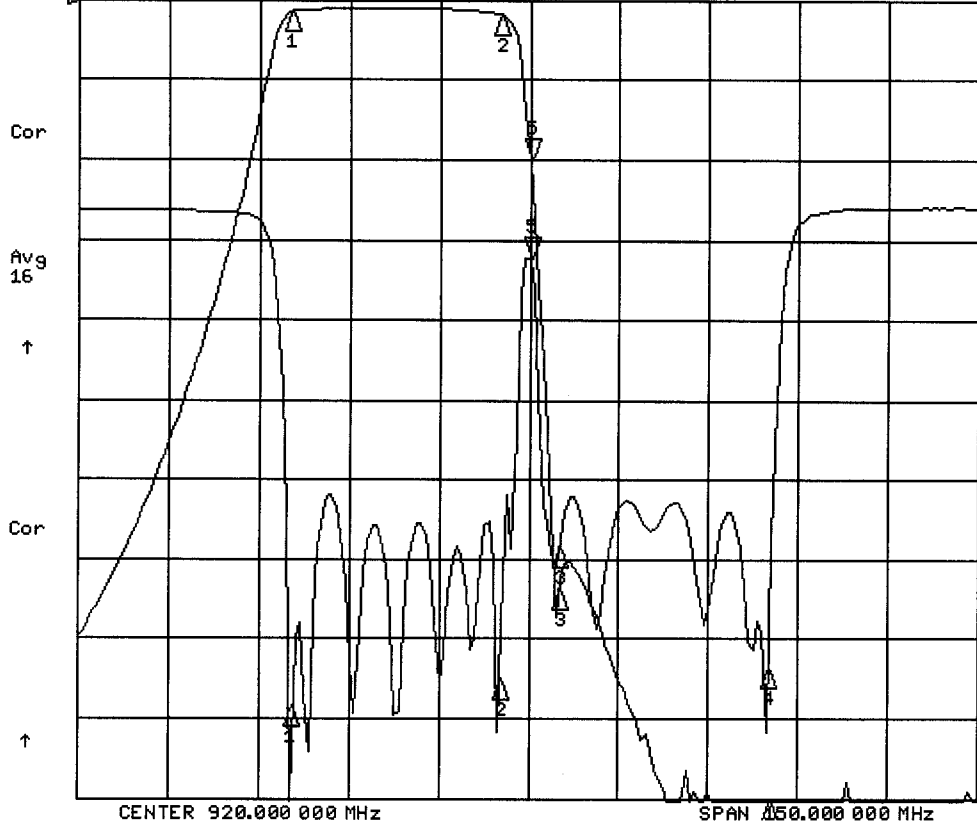
PROPRIETARY DOCUMENT:
THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES 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		
± 1°	X ± .05 XX ± .01 XXX ± .003			Diplexer EGSM	
TREATMENT		DRAWN Sivak	03/08	CD920/35SK-F1	
FINISH 63/		CHECKED		SIZE CAGE CODE DWG NO:	
		ENG.		A 3K1H4 ACD920/35SK-F1	
MATERIAL AL6061-T6		DESIGN ACTIVITY		REV. A	
				SCALE None SHEET 1 OF 1	

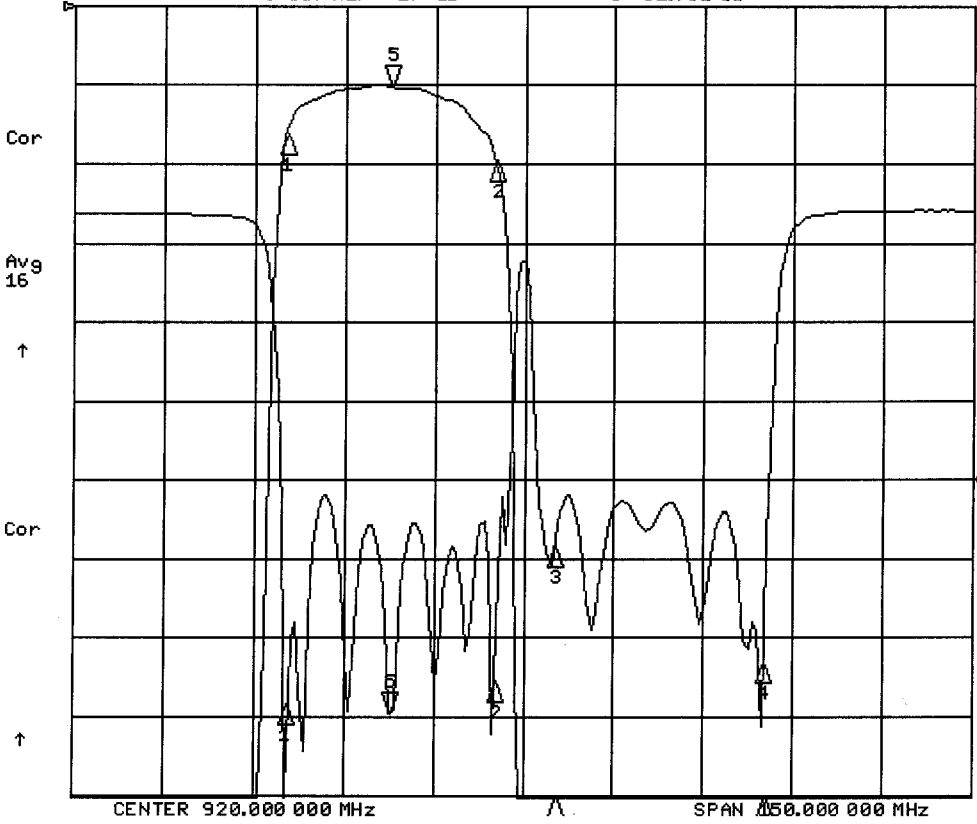
14 Apr 2008 05:51:34
 CH1 S21 LOG 10 dB/REF 0 dB 5: -20.122 dB 920.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5: -3.0979 dB



- CH1 Markers
- 1: -1.5488 dB
880.000 MHz
 - 2: -1.8981 dB
915.000 MHz
 - 3: -73.823 dB
925.000 MHz
 - 4: -107.86 dB
960.000 MHz

- CH2 Markers
- 1: -41.141 dB
880.000 MHz
 - 2: -29.629 dB
915.000 MHz
 - 3: -21.243 dB
925.000 MHz
 - 4: -28.805 dB
960.000 MHz

14 Apr 2008 05:51:51
 CH1 S21 LOG 1 dB/REF .086 dB 5: -.93770 dB 897.500 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5: -31.732 dB

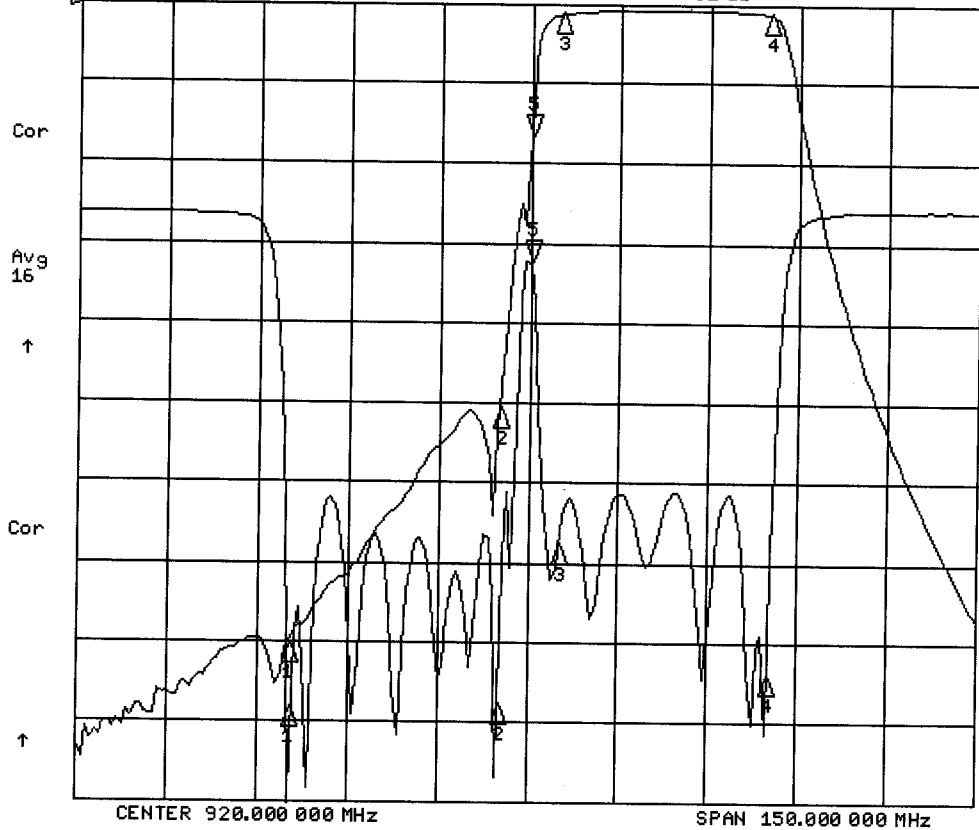


- CH1 Markers
- 1: -1.5454 dB
880.000 MHz
 - 2: -1.8945 dB
915.000 MHz
 - 3: -73.883 dB
925.000 MHz
 - 4: -112.63 dB
960.000 MHz

- CH2 Markers
- 1: -39.765 dB
880.000 MHz
 - 2: -29.772 dB
915.000 MHz
 - 3: -21.262 dB
925.000 MHz
 - 4: -28.652 dB
960.000 MHz

14 Apr 2008 05:53:53

CH1 S21 LOG 10 dB/REF 0 dB 5i-16.677 dB 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5i-3.1491 dB



CH1 Markers

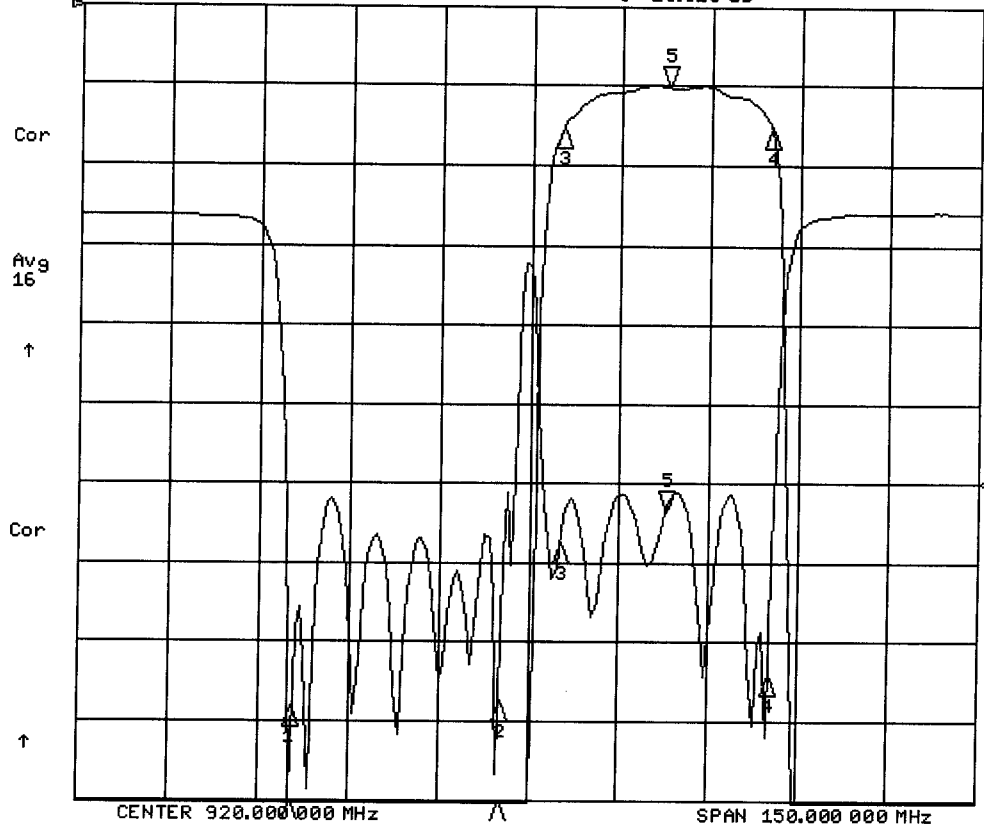
- 1i-80.097 dB 880.000 MHz
- 2i-50.706 dB 915.000 MHz
- 3i-1.2954 dB 925.000 MHz
- 4i-1.2852 dB 960.000 MHz

CH2 Markers

- 1i-34.818 dB 880.000 MHz
- 2i-30.965 dB 915.000 MHz
- 3i-20.805 dB 925.000 MHz
- 4i-28.994 dB 960.000 MHz

14 Apr 2008 05:54:18

CH1 S21 LOG 1 dB/REF .262 dB 5i-.75150 dB 942.500 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5i-18.823 dB



CH1 Markers

- 1i-79.889 dB 880.000 MHz
- 2i-50.699 dB 915.000 MHz
- 3i-1.2932 dB 925.000 MHz
- 4i-1.2832 dB 960.000 MHz

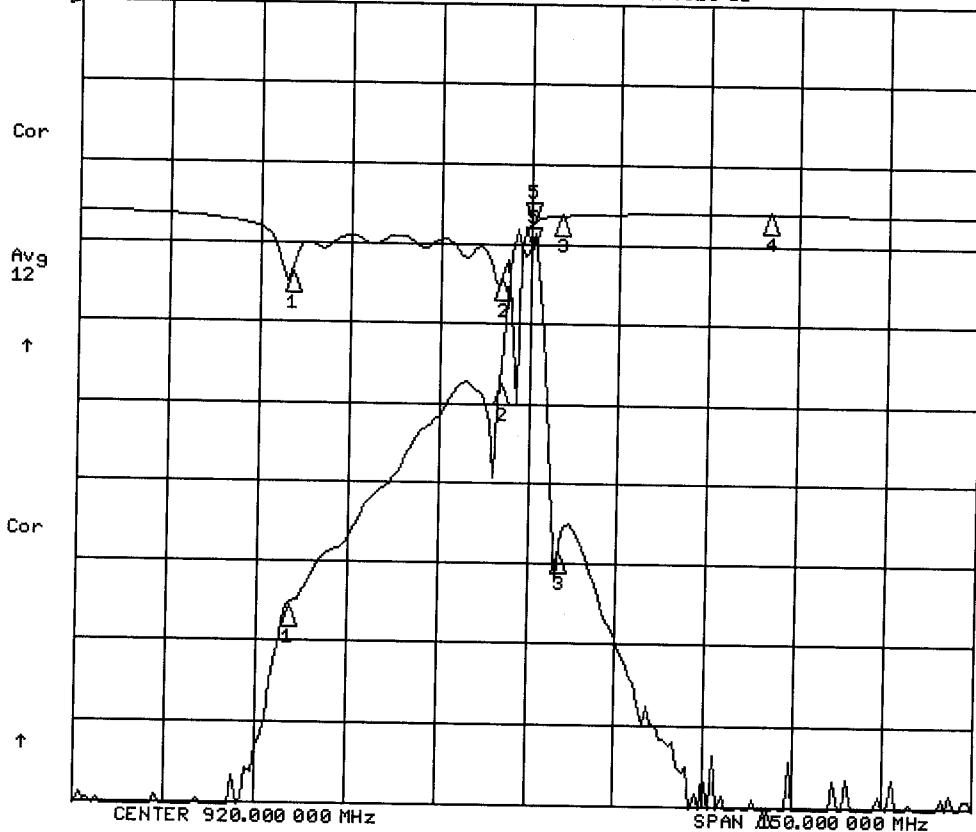
CH2 Markers

- 1i-34.921 dB 880.000 MHz
- 2i-30.804 dB 915.000 MHz
- 3i-20.813 dB 925.000 MHz
- 4i-29.116 dB 960.000 MHz

14 Apr 2008 05:54:55

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5: -30.662 dB 920.000 000 MHz
5: -7.4620 dB



CH1 Markers

- 1: -75.753 dB 880.000 MHz
- 2: -47.563 dB 915.000 MHz
- 3: -68.958 dB 925.000 MHz
- 4: -104.32 dB 960.000 MHz

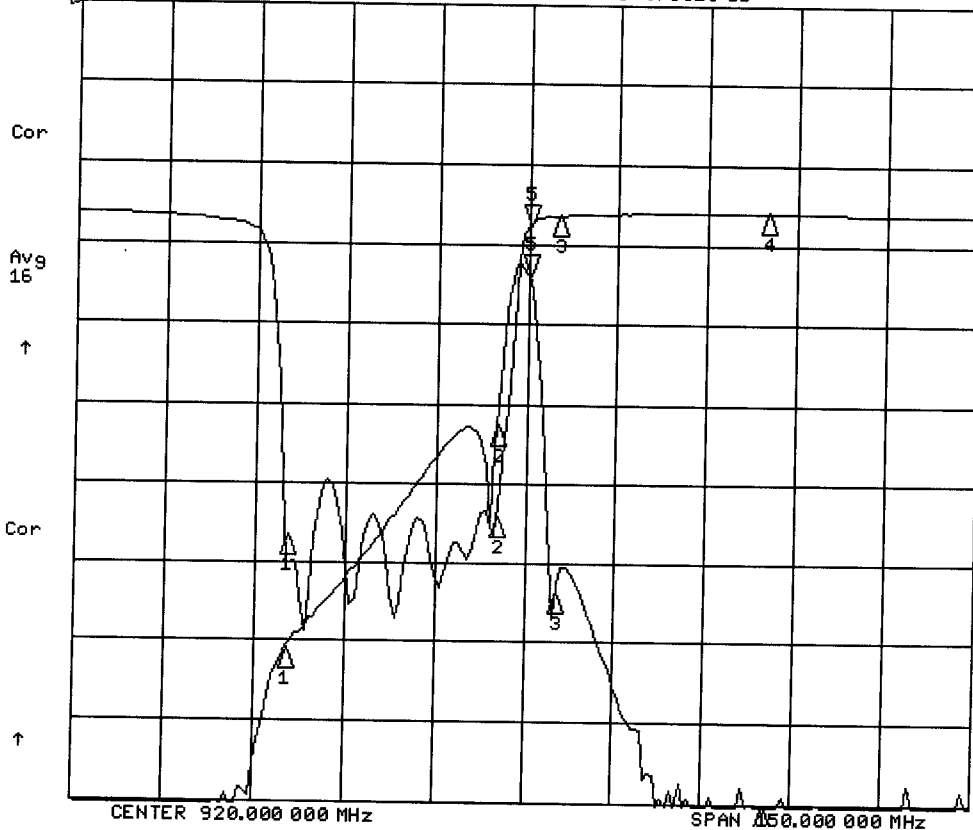
CH2 Markers

- 1: -4.0087 dB 880.000 MHz
- 2: -4.2845 dB 915.000 MHz
- 3: -20890 dB 925.000 MHz
- 4: -.04450 dB 960.000 MHz

14 Apr 2008 05:55:03

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5: -34.005 dB 920.000 000 MHz
5: -7.9810 dB



CH1 Markers

- 1: -81.069 dB 880.000 MHz
- 2: -52.617 dB 915.000 MHz
- 3: -73.996 dB 925.000 MHz
- 4: -104.90 dB 960.000 MHz

CH2 Markers

- 1: -20.295 dB 880.000 MHz
- 2: -19.159 dB 915.000 MHz
- 3: -20860 dB 925.000 MHz
- 4: -.04380 dB 960.000 MHz