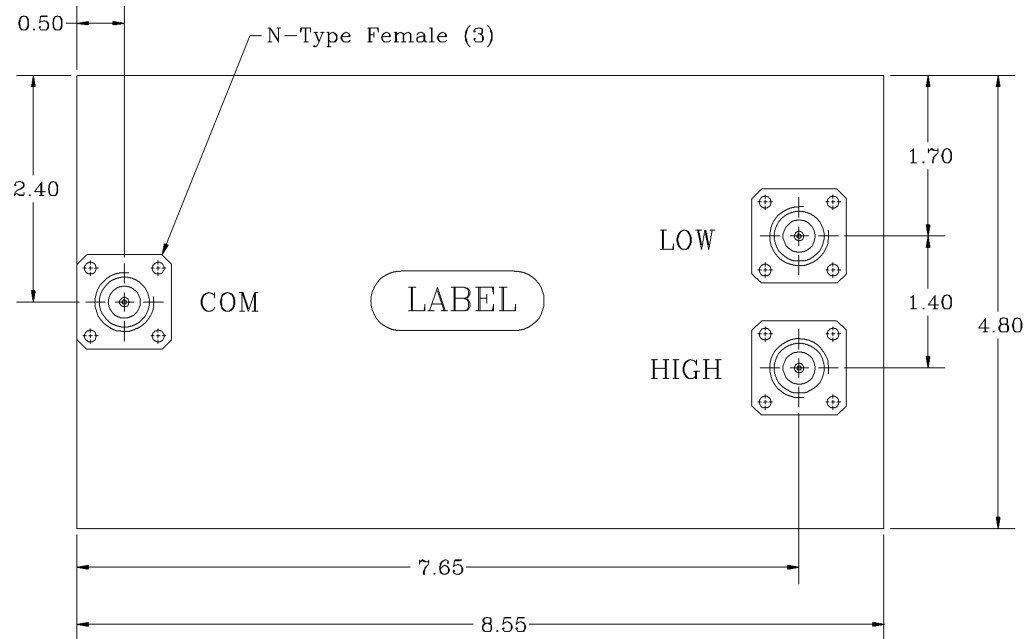
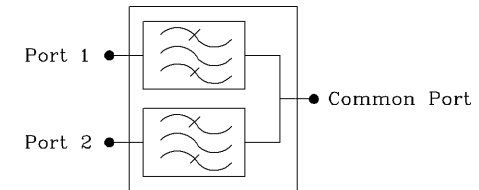
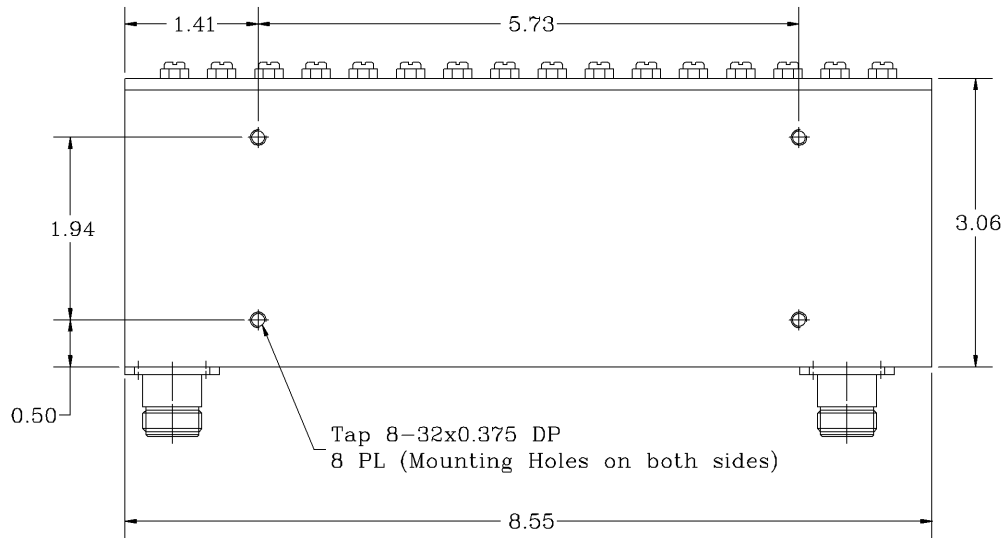


REVISIONS			
REV		DATE	APPROVED
A	PIM Info added	01/11	G. David



Electrical Specifications

- *Low Pass Band Range [MHz] : 824 to 849
- *High Pass Band Range [MHz] : 869 to 894
- *Pass Band Insertion Loss [dB] : <0.9, 0.8 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Pass Band Atten. @ 869 to 894 MHz [dB] : 90 (Min.), 95 (Typ.)
- *High Pass Band Atten. @ 824 to 849 MHz [dB] : 90 (Min.), 95 (Typ.)
- *Isolation between Filters [dB] : 90 (Min.), 95 (Typ.)
- *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

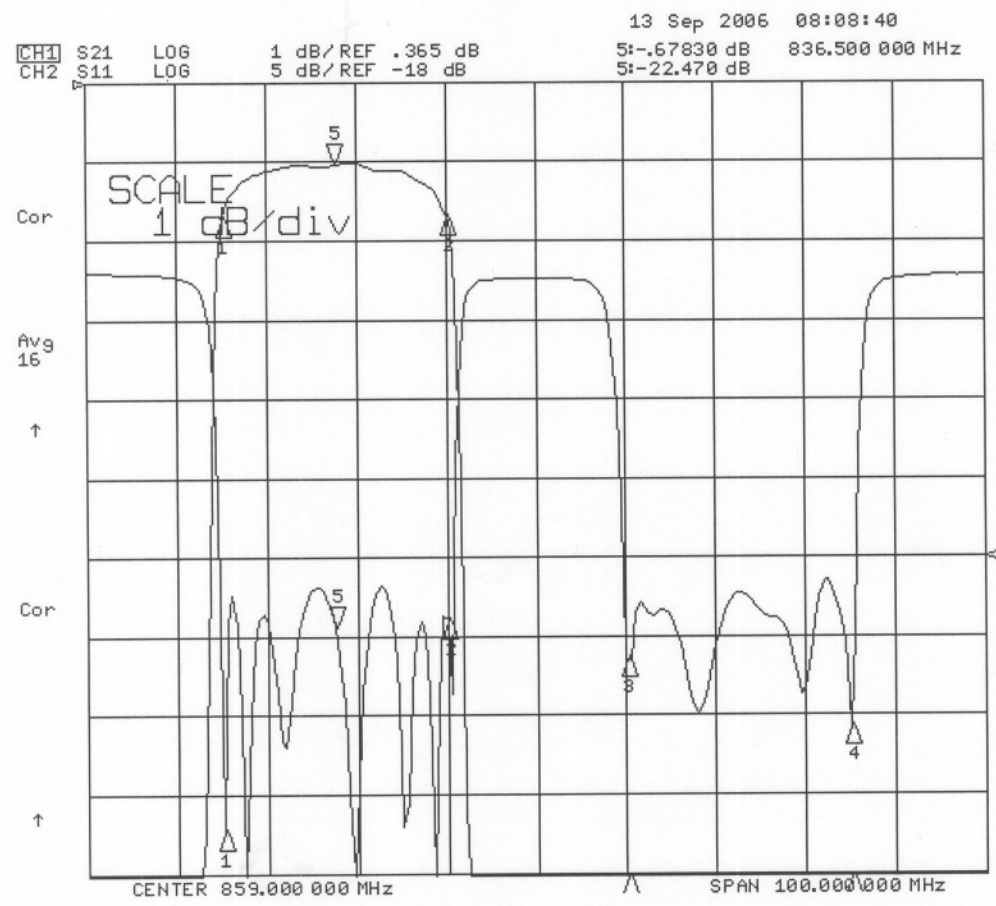
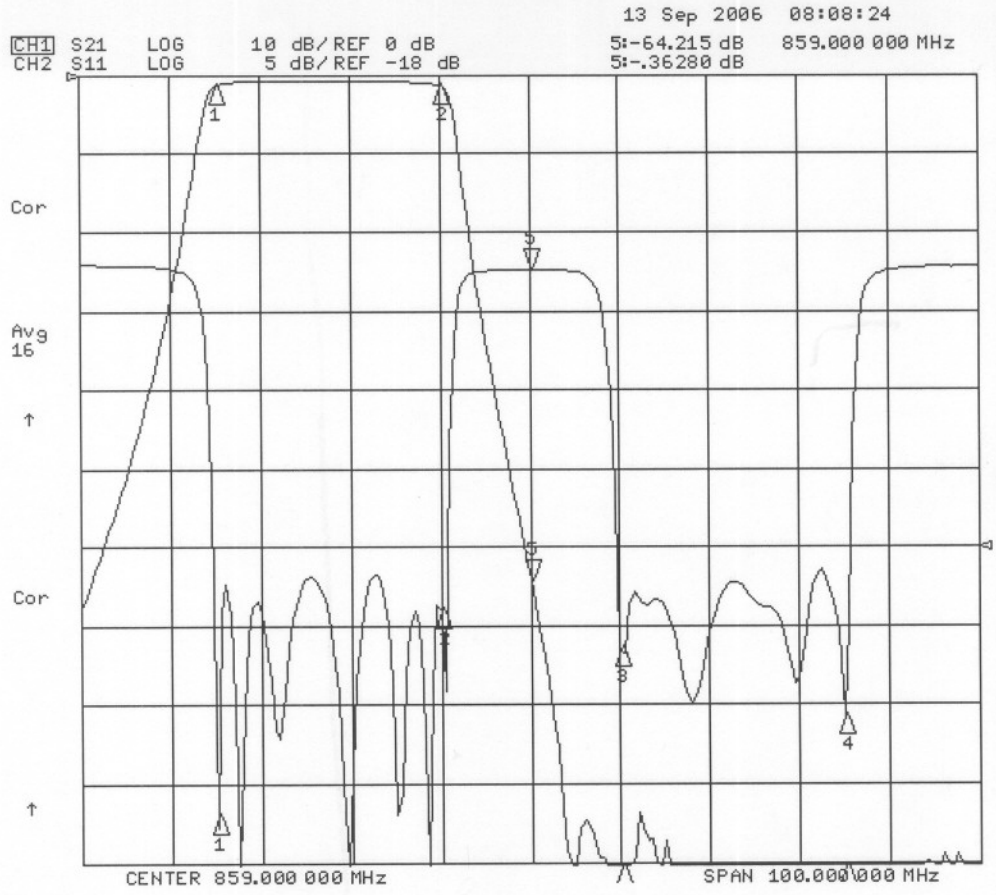
PROPRIETARY DOCUMENT:
THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

NOTES:

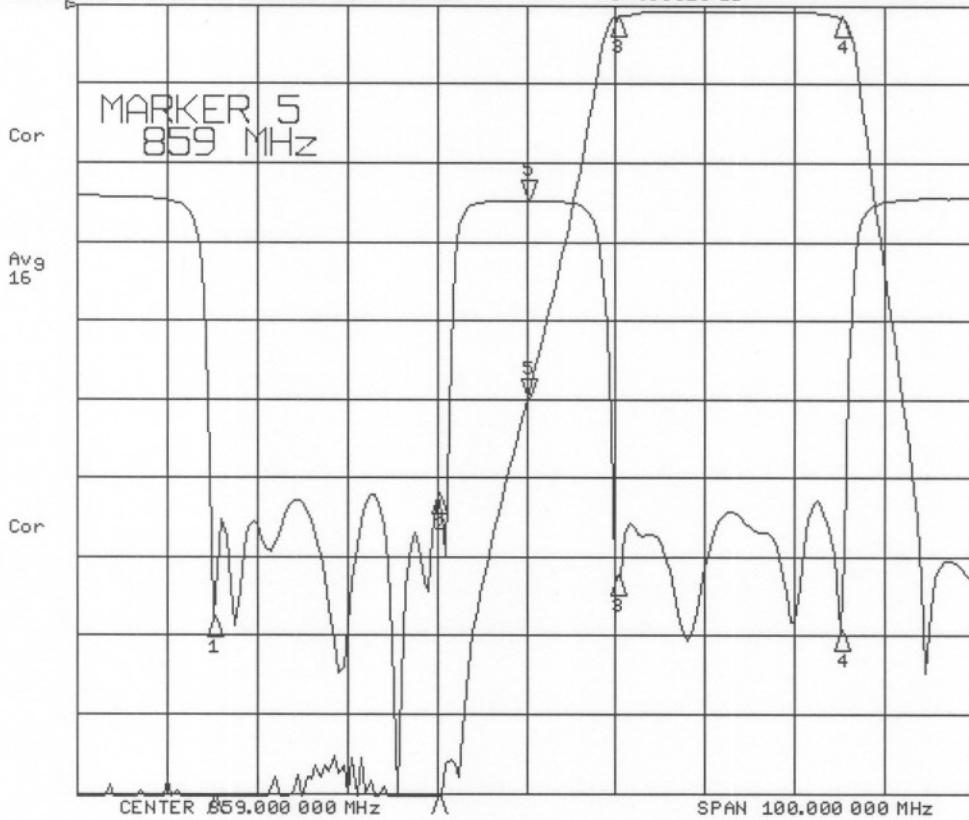
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS ± 1" X ± .05 XX ± .01 .XXX ± .003		CONTRACT NO:		G-Way Microwave	
TREATMENT		APPROVALS DATE			
FINISH 63/		DRAWN Segal 01/08		SIZE CAGE CODE DWG NO: REV.	
MATERIAL AL6061-T6		ENG. DESIGN ACTIVITY		A 3K1H4 CD859/25HK-D3-1 A	
SCALE None				SHEET 1 OF 1	

CD859/254K-D3



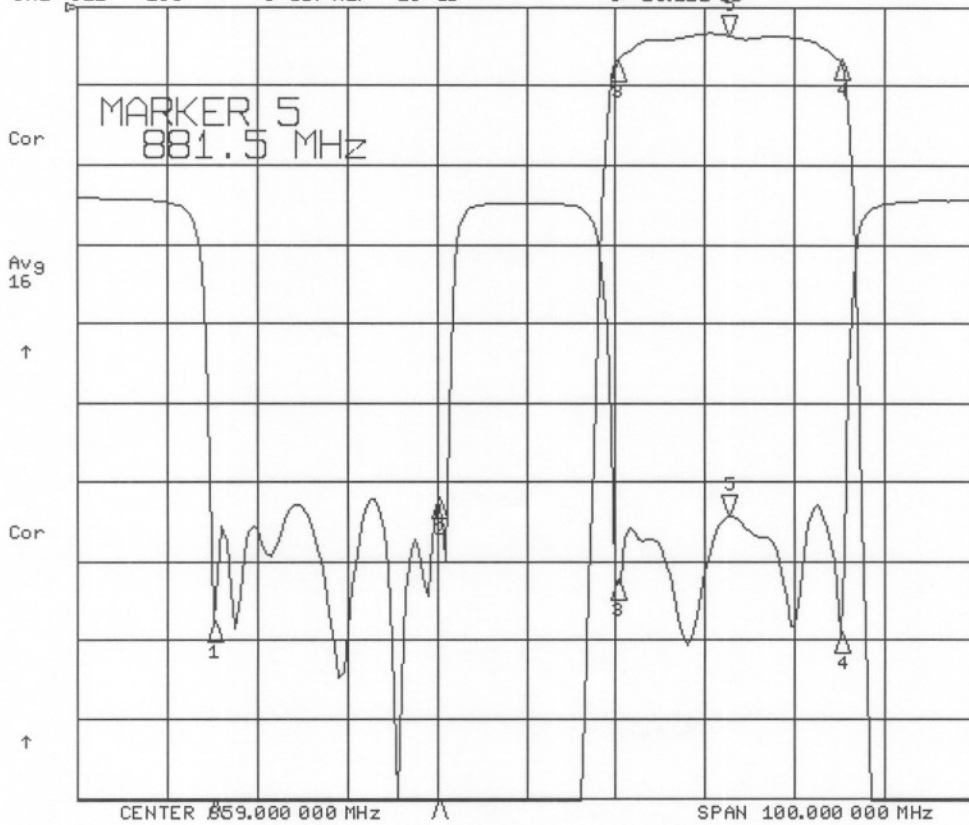
13 Sep 2006 08:06:00
 CH1 S21 LOG 10 dB/REF 0 dB 5:-50.152 dB 859.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.36920 dB



CH1 Markers
 1:-111.06 dB
824.000 MHz
 2:-102.87 dB
849.000 MHz
 3:-1.3845 dB
869.000 MHz
 4:-1.3626 dB
894.000 MHz

CH2 Markers
 1:-26.858 dB
824.000 MHz
 2:-19.092 dB
849.000 MHz
 3:-24.247 dB
869.000 MHz
 4:-27.656 dB
894.000 MHz

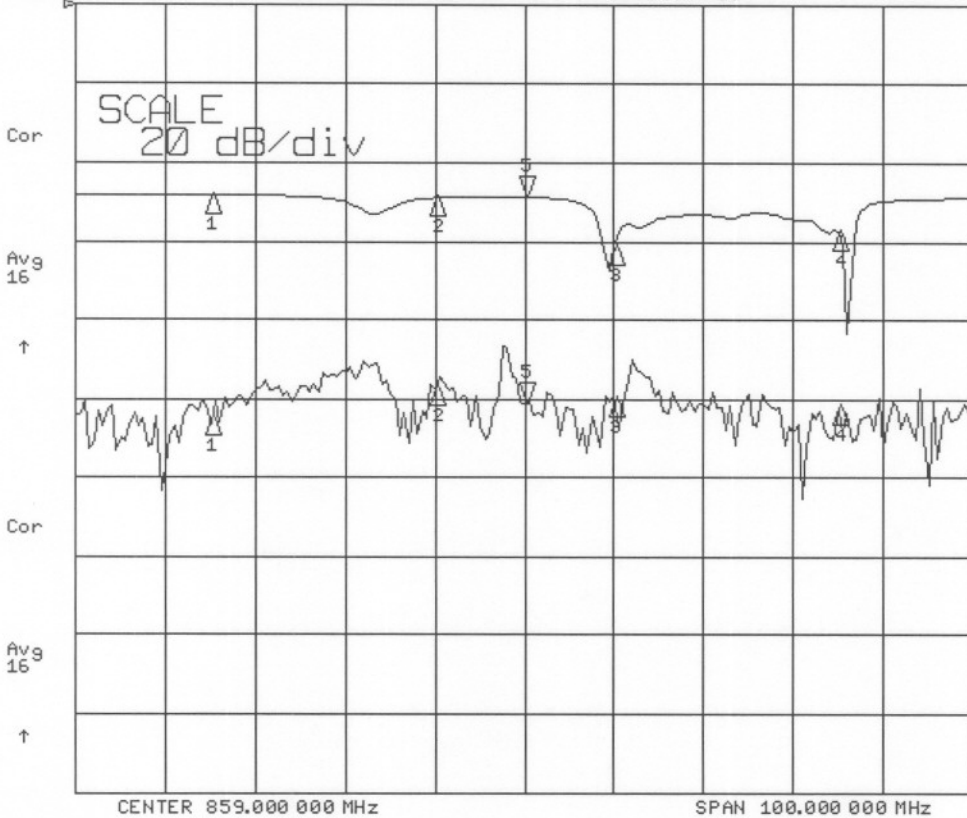
13 Sep 2006 08:06:07
 CH1 S21 LOG 2 dB/REF 0 dB 5:-.71970 dB 881.500 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-20.111 dB



CH1 Markers
 1:-103.60 dB
824.000 MHz
 2:-102.04 dB
849.000 MHz
 3:-1.3828 dB
869.000 MHz
 4:-1.3585 dB
894.000 MHz

CH2 Markers
 1:-26.834 dB
824.000 MHz
 2:-19.092 dB
849.000 MHz
 3:-24.258 dB
869.000 MHz
 4:-27.564 dB
894.000 MHz

13 Sep 2006 08:09:30
 [CH1] S21 LOG 20 dB/REF 0 dB 5:-101.09 dB 859.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.15360 dB



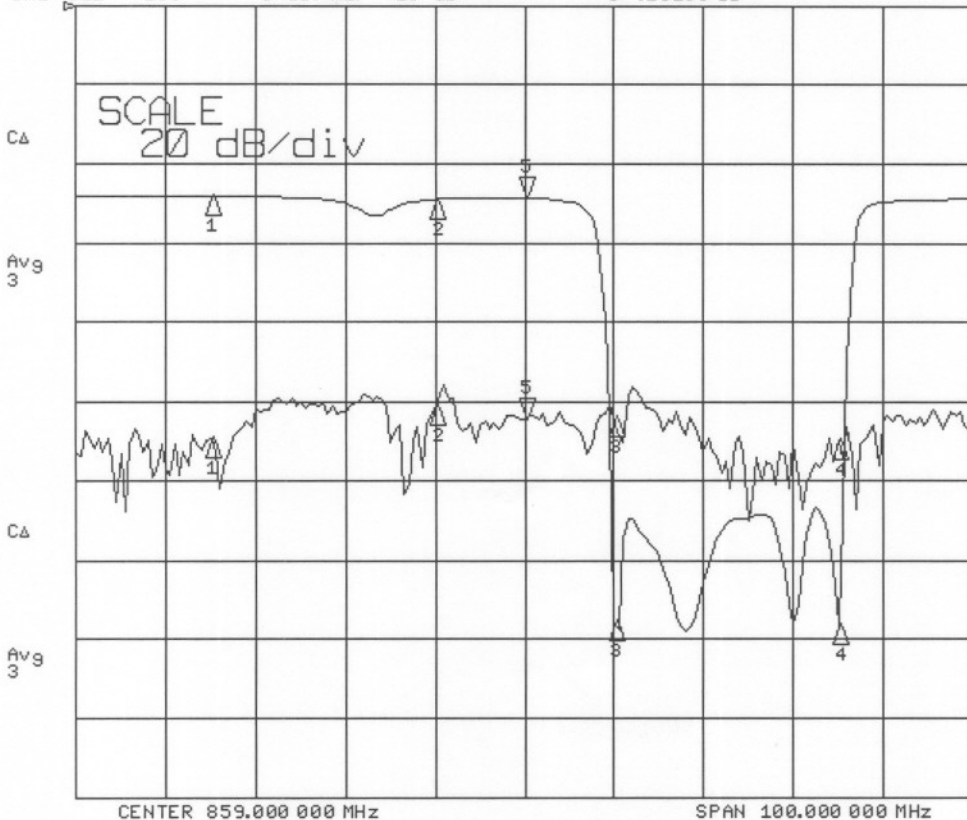
CH1 Markers

1:-104.32 dB
 824.000 MHz
 2:-96.686 dB
 849.000 MHz
 3:-99.788 dB
 869.000 MHz
 4:-101.58 dB
 894.000 MHz

CH2 Markers

1:-.05400 dB
 824.000 MHz
 2:-.21910 dB
 849.000 MHz
 3:-3.3313 dB
 869.000 MHz
 4:-2.3070 dB
 894.000 MHz

13 Sep 2006 08:10:16
 [CH1] S21 LOG 20 dB/REF 0 dB 5:-104.32 dB 859.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.16100 dB



CH1 Markers

1:-109.35 dB
 824.000 MHz
 2:-101.10 dB
 849.000 MHz
 3:-104.25 dB
 869.000 MHz
 4:-109.86 dB
 894.000 MHz

CH2 Markers

1:-.05650 dB
 824.000 MHz
 2:-.23050 dB
 849.000 MHz
 3:-26.874 dB
 869.000 MHz
 4:-27.108 dB
 894.000 MHz