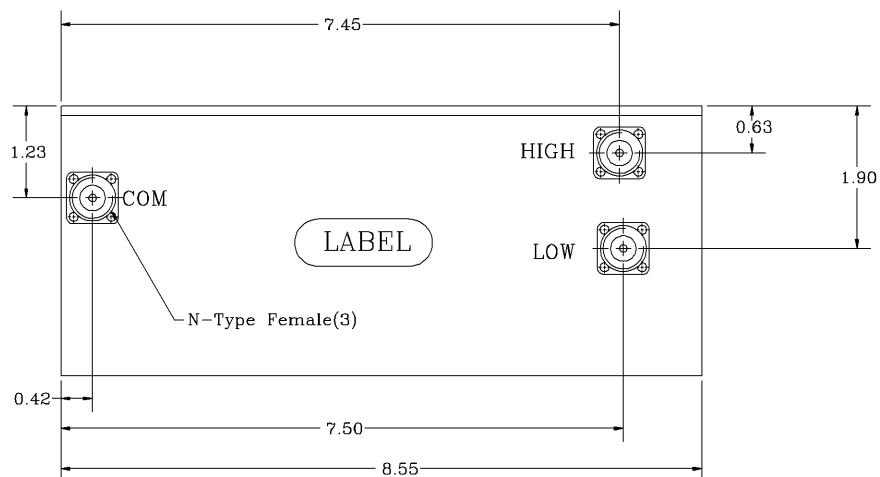
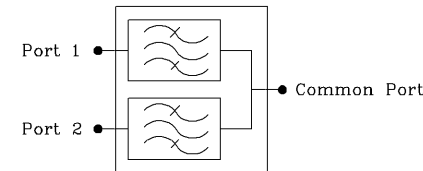
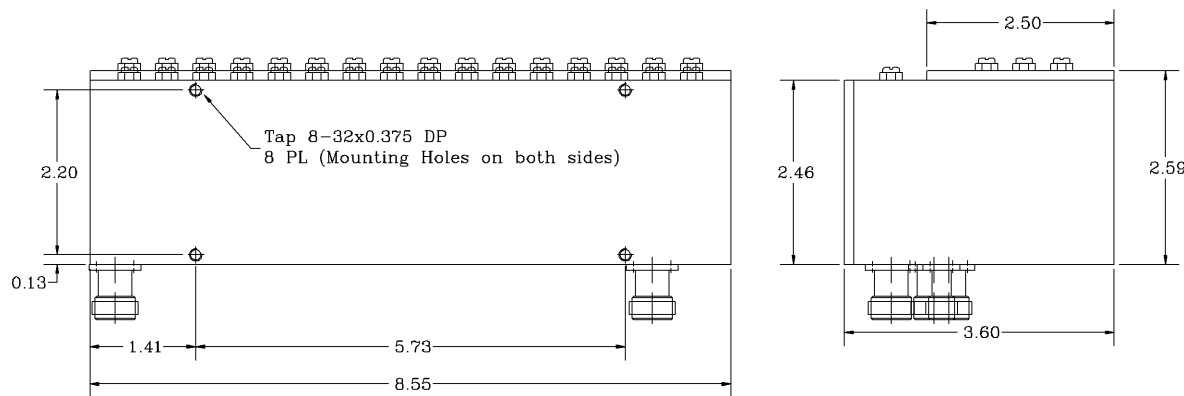


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low Pass Band Range [MHz] : 902 to 928
- *Pass Band Insertion Loss [dB] : <0.9, 0.8 (Typ.)
- *Insertion Loss @ 928 MHz [dB] : <2.0
- *Attenuation @ DC to 896 MHz [dB] : 40 (Min.)
- @ 930 to 932 MHz [dB] : 30 (Min.)
- @ 944 to 952 MHz [dB] : 80 (Min.), 85 (Typ.)
- *High Pass Band Range [MHz] : 944 to 952
- *Pass Band Insertion Loss [dB] : <1.5, 1.4 (Typ.)
- *Attenuation @ 902 to 928 MHz [dB] : 80 (Min.), 85 (Typ.)
- *Pass Band Ripple [dB] : 0.5 P-T-P
- *Ultimate Stop Band Attenuation [dB] : 100 (Min)
- *Isolation between filters [dB] : 80 (Min), 85 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.3:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20
- *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 1996.

NOTES:

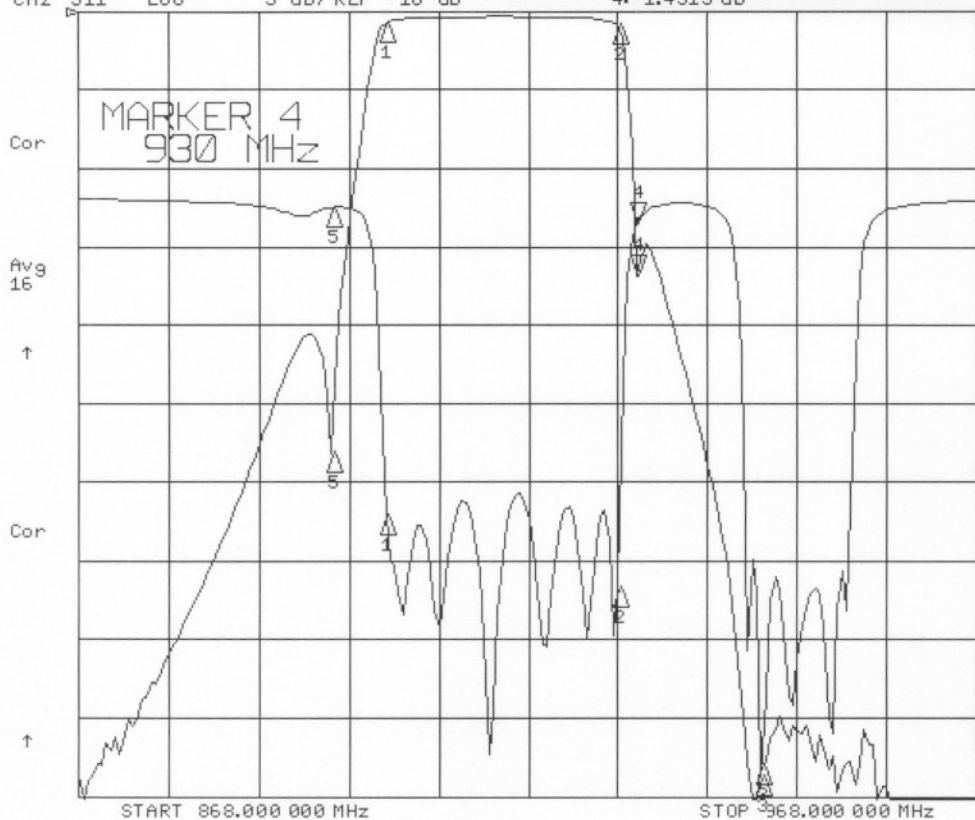
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS ± 1" .X ± .05 .XX ± .01 .XXX ± .003	CONTRACT NO.		G-Way Microwave			
	APPROVALS	DATE			TITLE	
TREATMENT	CHECKED		Diplexer 900 MHz High "Q"			
FINISH 63	ENG.		CD936/26SK-D3			
MATERIAL	DESIGN ACTIVITY		SIZE	CAGE CODE	DWG NO.	REV.
			A	3K1H4	CD936/26SK-D3-1	0
			SCALE None			SHEET 1 OF 1

CD936/265K-D3

UL

2 Jun 2005 12:53:00
 CH1 S21 LOG 10 dB/REF 0 dB 4:-33.701 dB 930.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 4:-1.4513 dB



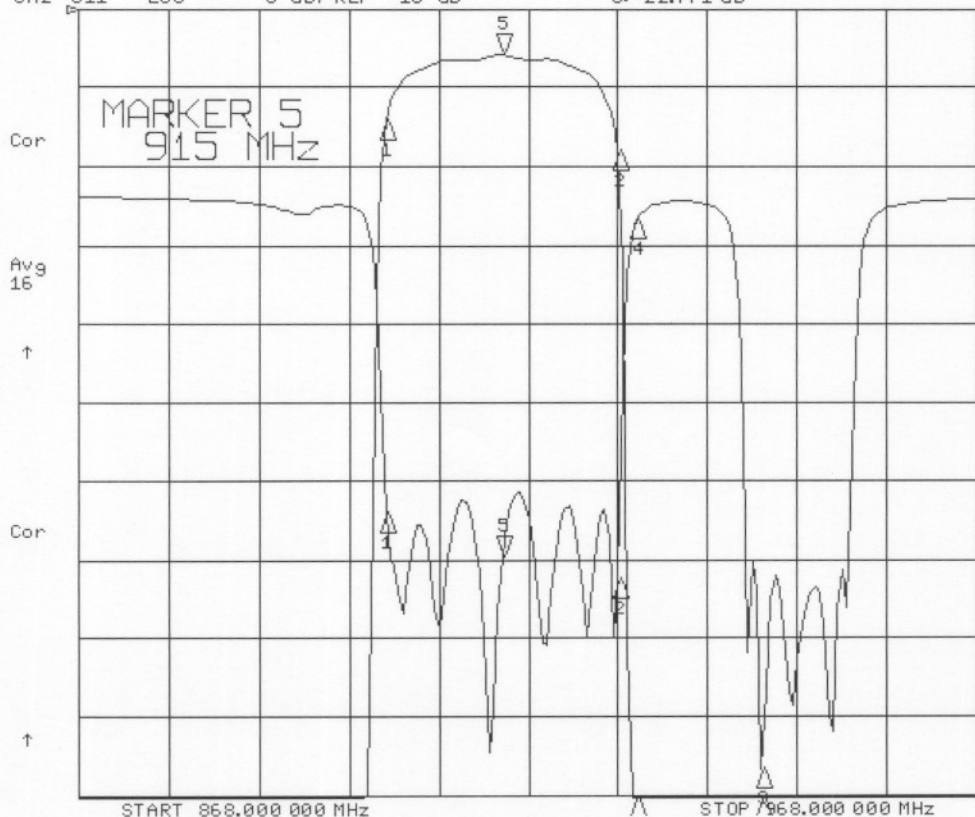
CH1 Markers

- 1:-1.4157 dB
902.000 MHz
- 2:-1.8112 dB
928.000 MHz
- 3:-96.092 dB
944.000 MHz
- 5:-56.219 dB
896.000 MHz

CH2 Markers

- 1:-20.096 dB
902.000 MHz
- 2:-24.711 dB
928.000 MHz
- 3:-36.683 dB
944.000 MHz
- 5:-.46890 dB
896.000 MHz

2 Jun 2005 12:53:19
 CH1 S21 LOG 1 dB/REF 0 dB 5:-.59110 dB 915.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-22.771 dB



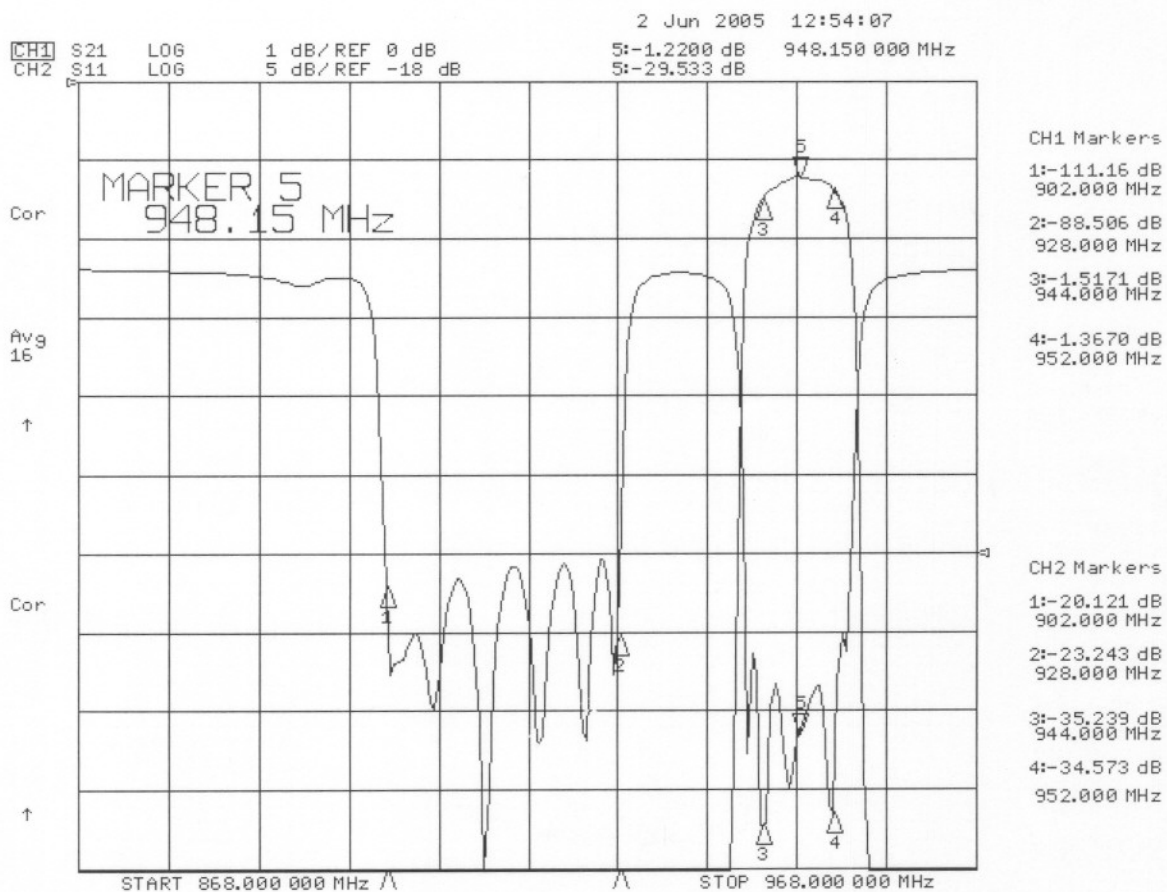
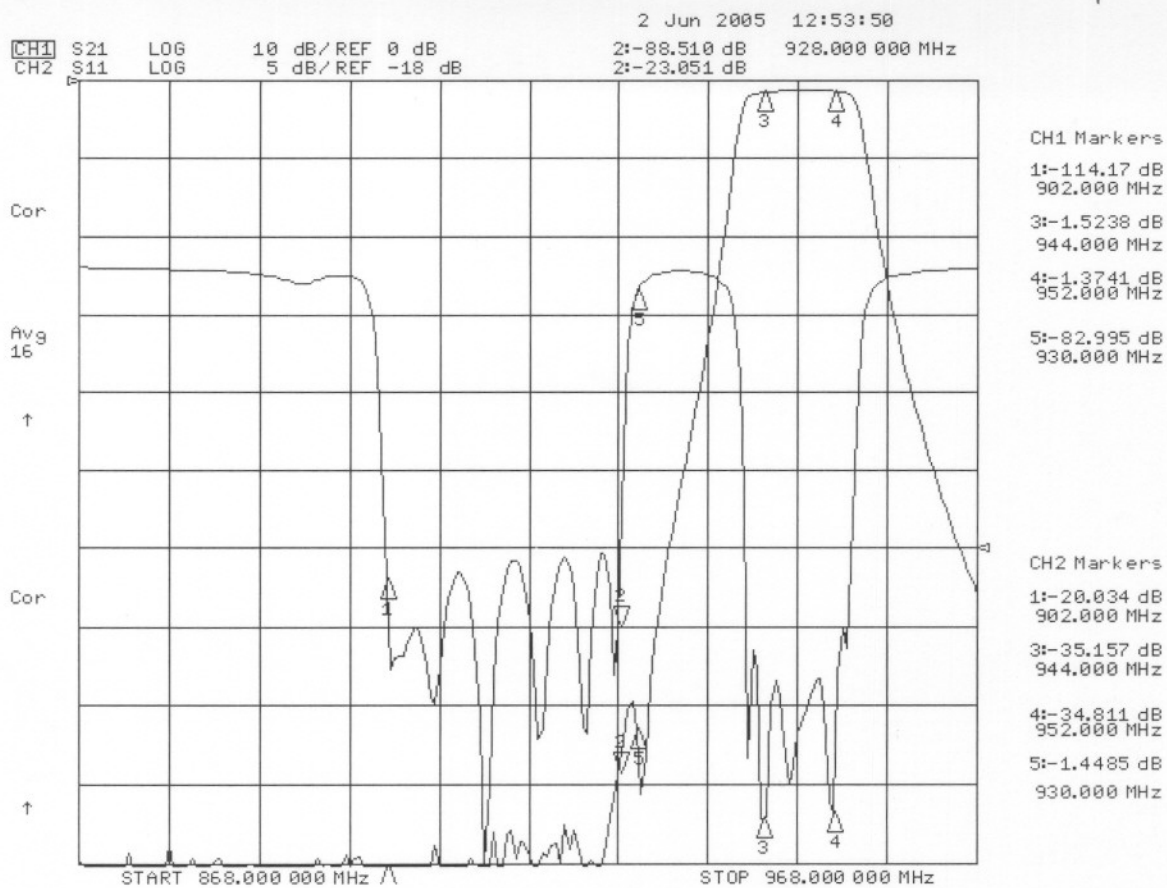
CH1 Markers

- 1:-1.4152 dB
902.000 MHz
- 2:-1.8096 dB
928.000 MHz
- 3:-94.944 dB
944.000 MHz
- 4:-33.718 dB
930.000 MHz

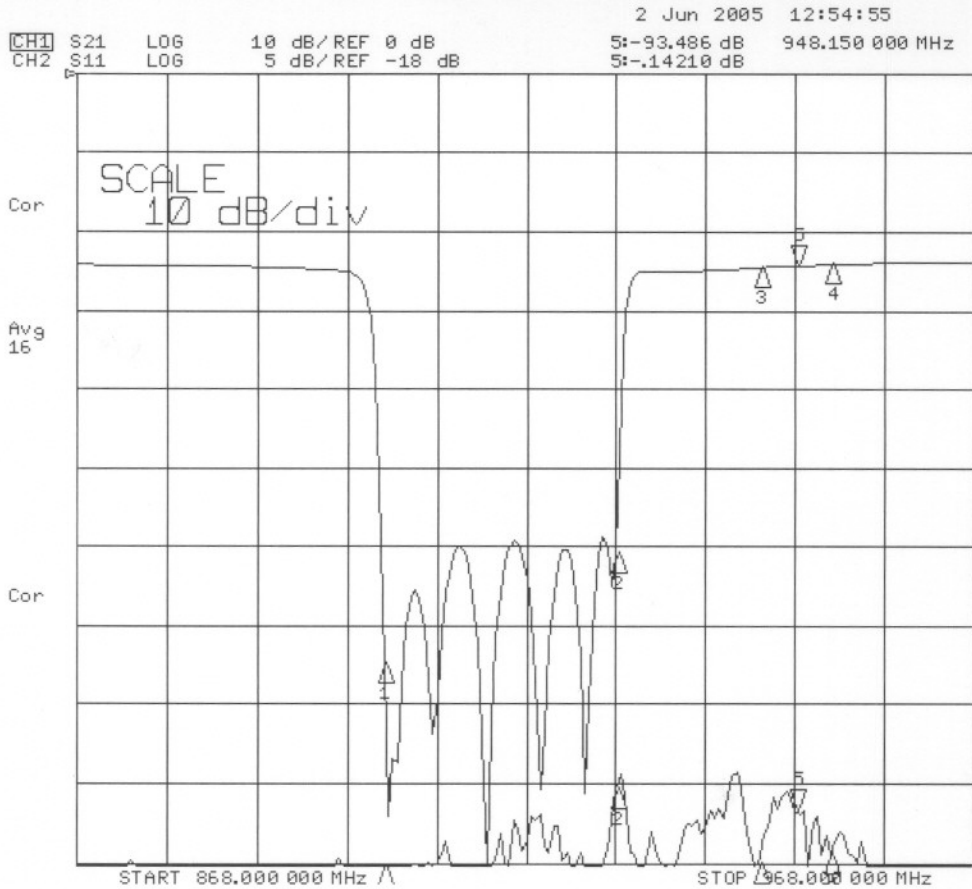
CH2 Markers

- 1:-20.027 dB
902.000 MHz
- 2:-24.218 dB
928.000 MHz
- 3:-36.365 dB
944.000 MHz
- 4:-1.4326 dB
930.000 MHz

CD930/20SK-03



CD936/265*103
Isolation



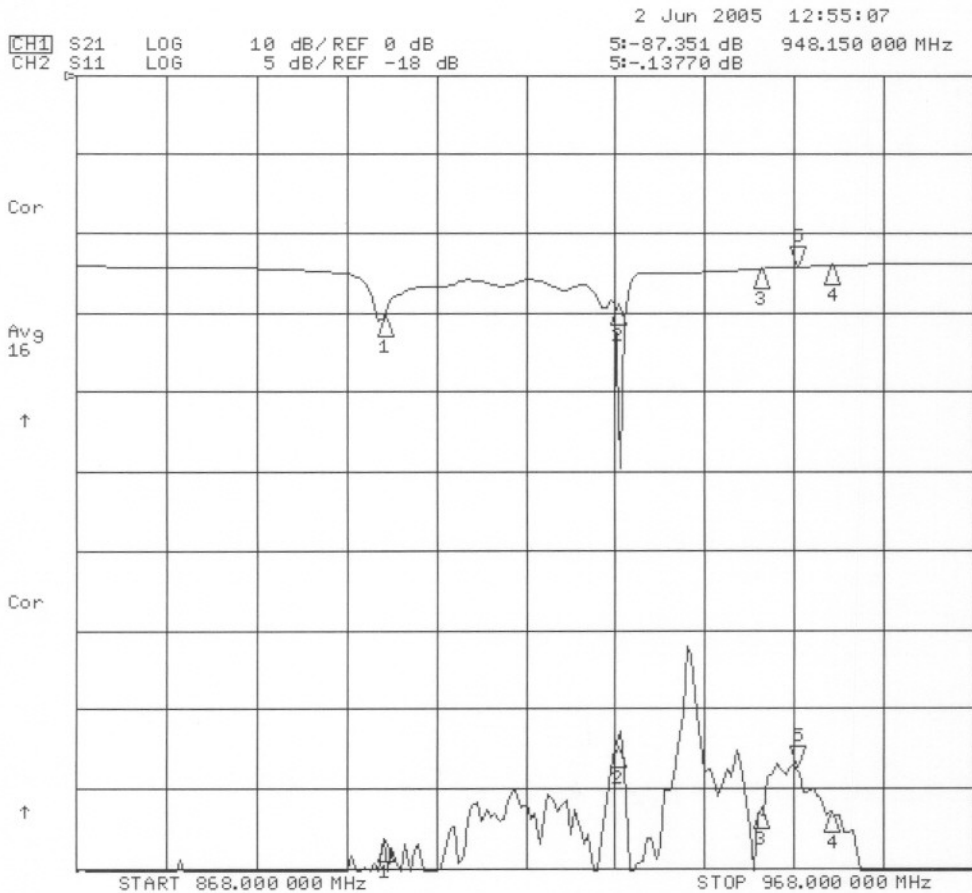
CH1 Markers

- 1:-125.79 dB
902.000 MHz
- 2:-90.807 dB
928.000 MHz
- 3:-100.16 dB
944.000 MHz
- 4:-98.871 dB
952.000 MHz

COM @ 50-2

CH2 Markers

- 1:-25.384 dB
902.000 MHz
- 2:-18.394 dB
928.000 MHz
- 3:-.25600 dB
944.000 MHz
- 4:-.06250 dB
952.000 MHz



CH1 Markers

- 1:-96.726 dB
902.000 MHz
- 2:-85.022 dB
928.000 MHz
- 3:-92.575 dB
944.000 MHz
- 4:-93.241 dB
952.000 MHz

COM → OPEN

CH2 Markers

- 1:-3.2381 dB
902.000 MHz
- 2:-2.5331 dB
928.000 MHz
- 3:-.25320 dB
944.000 MHz
- 4:-.05790 dB
952.000 MHz