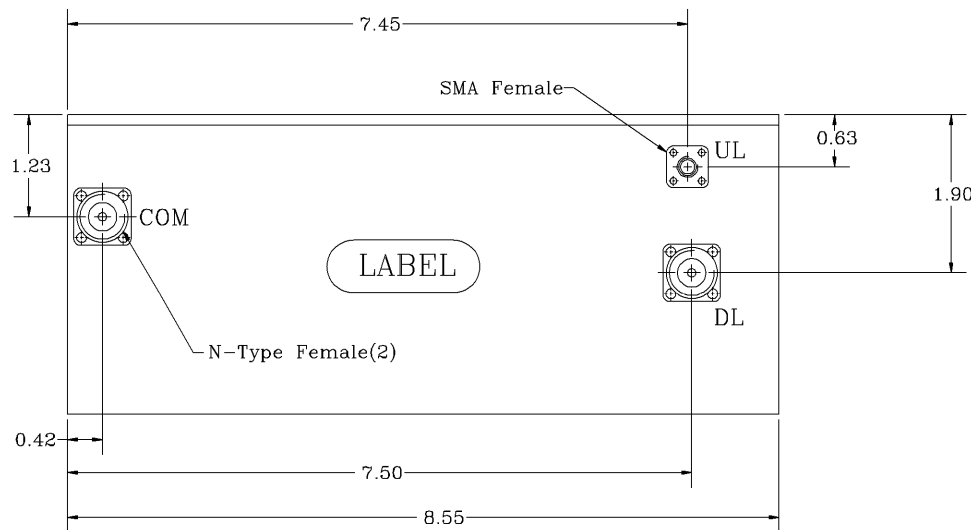
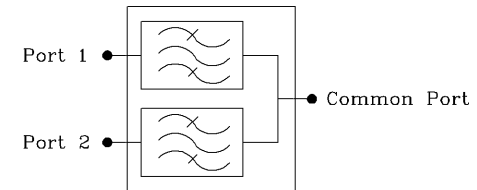
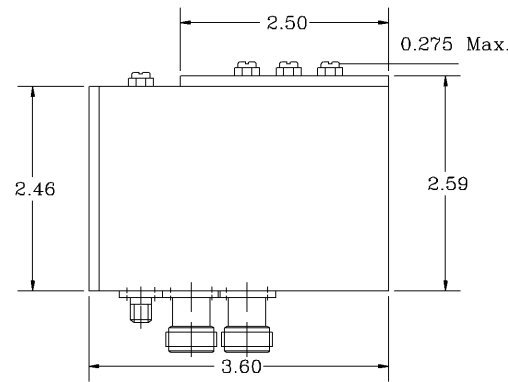
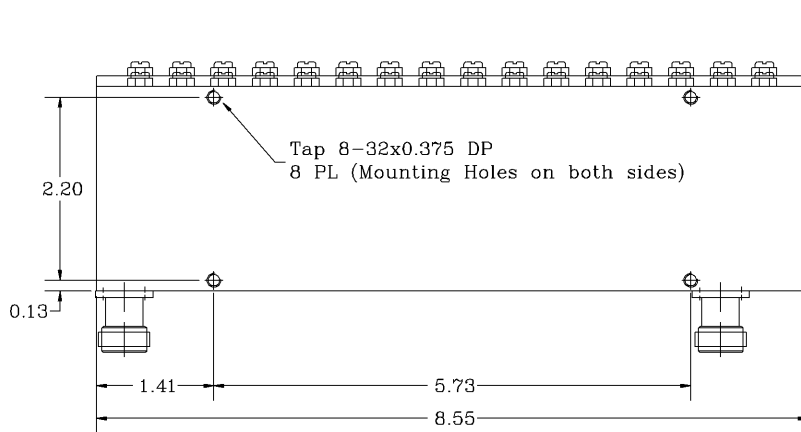


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *UL 1.0dB Pass Band Range [MHz] : 885 to 915
- *DL 1.0dB Pass Band Range [MHz] : 930 to 960
- *Pass Band Insertion Loss [dB] : <0.7, 0.5 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *UL Pass Band Atten. @ 925 to 960 MHz [dBc] : 70 (Min.), 75 (Typ.)
- *DL Pass Band Atten. @ 880 to 915 MHz [dBc] : 78 (Min.), 80 (Typ.)
- 917 to 927 MHz [dBc] : 15 (Min.), 18 (Typ.)
- 962.5 to 965.5 MHz [dBc] : 28 (Min.), 30 (Typ.)
- *Isolation between filters [dB] : 80 (Min.), 85 (Typ.)
- *Pass Band Return Loss [dB] : -16 (Max.), <1.38:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW DL Path : 200 Watts
- *Input/Output @ DC Ground Potential

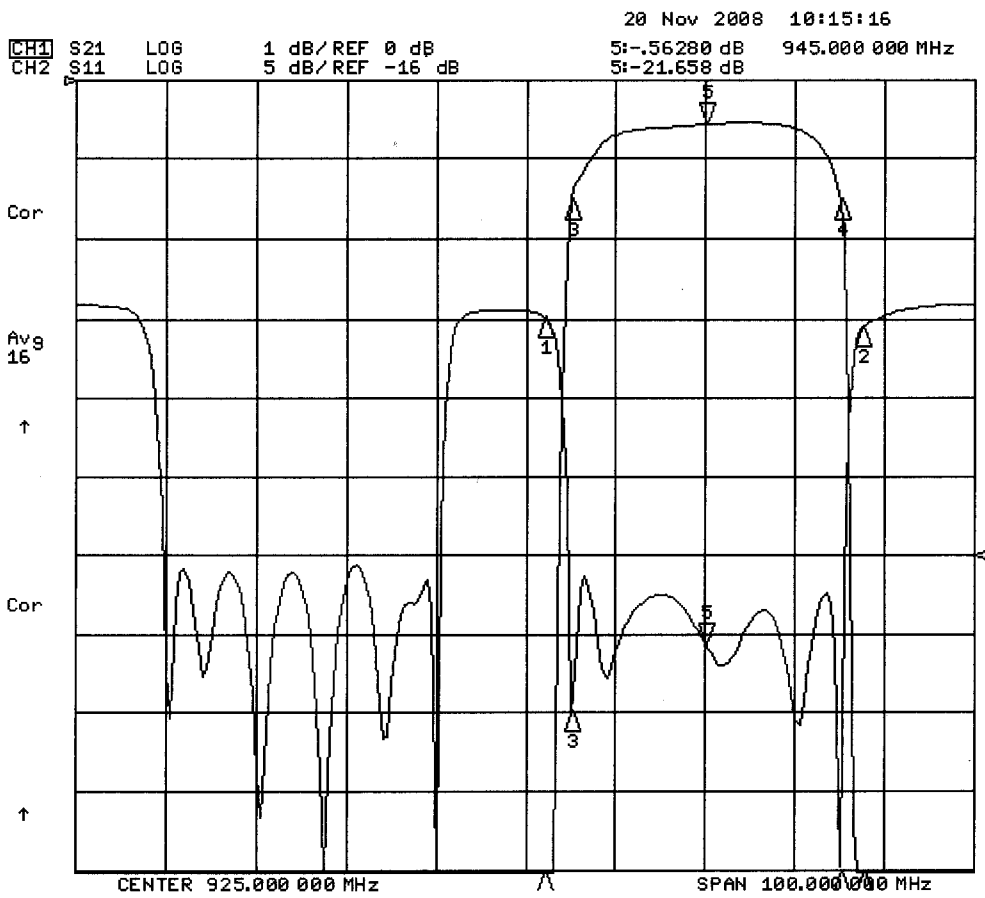
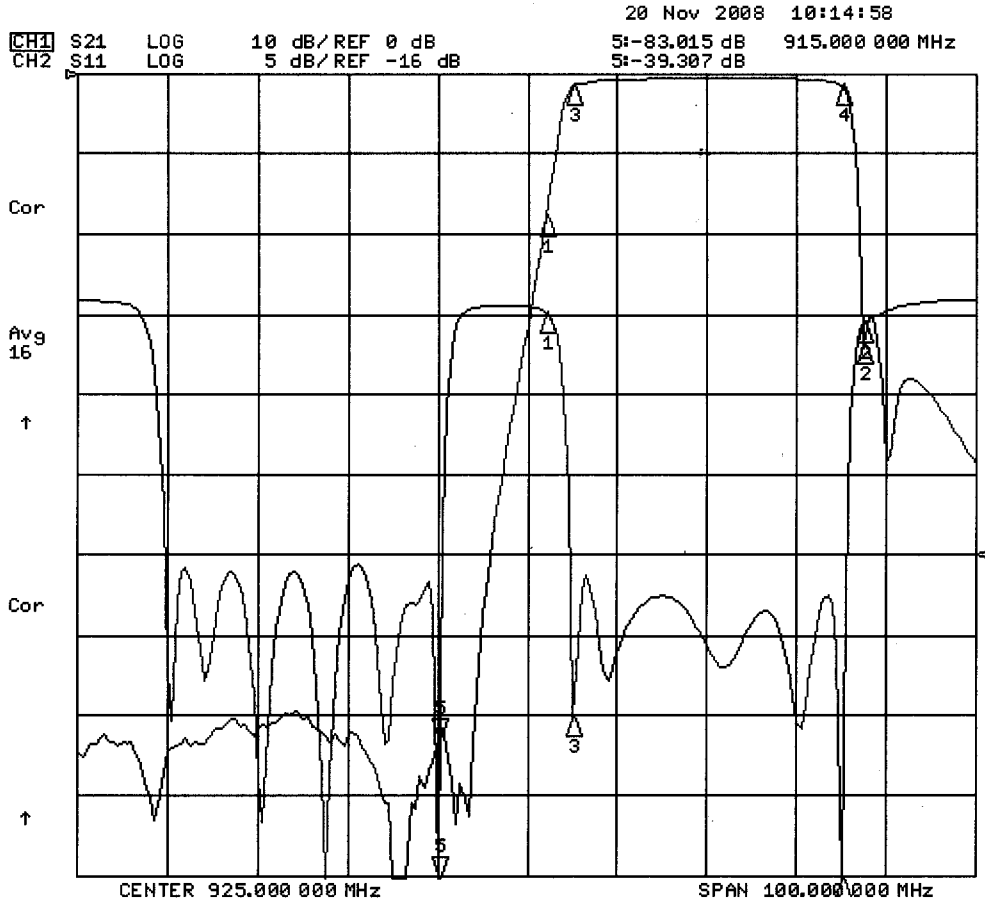
OPERATING TEMPERATURE RANGE: -10°C TO +70°C

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

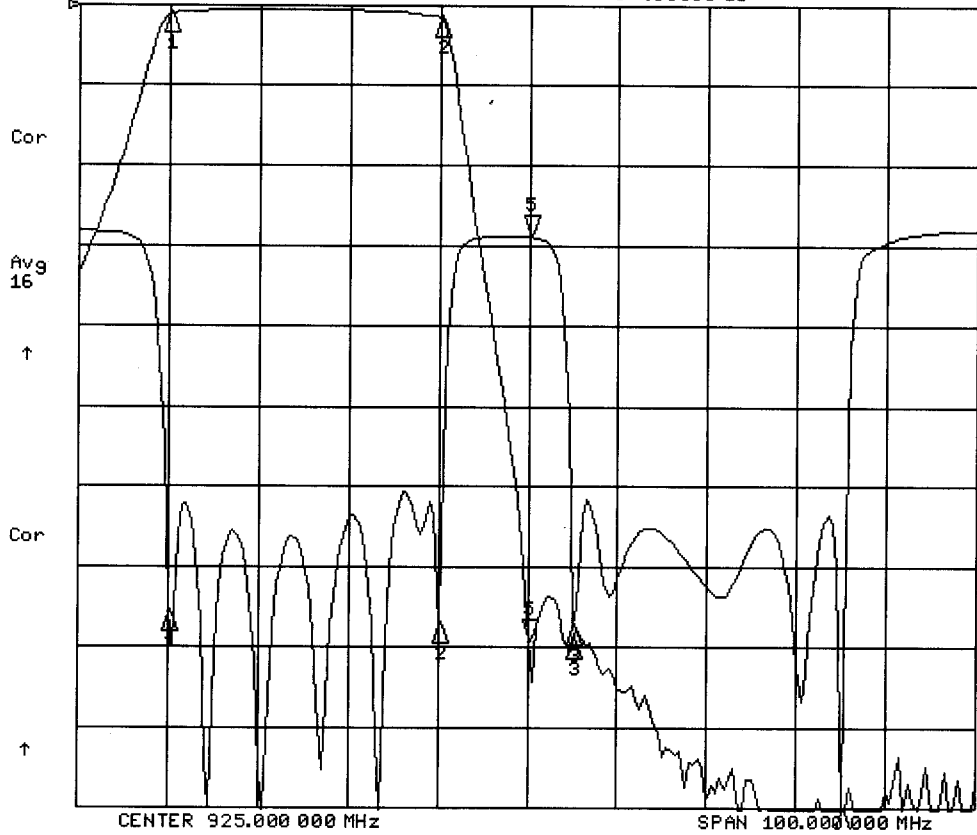
DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS ± 1° X ± .05 XX ± .01 XXX ± .003		CONTRACT NO:		G-Way Microwave	
TREATMENT		APPROVALS	DATE		
FINISH 63/		DRAWN Sivak	11/08	Diplexer GSM900 CD922.5/30HK-D3	
MATERIAL		CHECKED	ENG.	DESIGN ACTIVITY	REV. 0
				SIZE A	CAGE CODE 3K1H4
				DWG NO: CD922.5/30HK-D3-1	SHEET 1 OF 1
				SCALE None	



20 Nov 2008 10:18:31

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -16 dB

5:-79.238 dB 925.000 000 MHz
5:-.50800 dB



CH1 Markers

- 1:-1.0873 dB 885.000 MHz
- 2:-1.5687 dB 915.000 MHz
- 3:-78.839 dB 930.000 MHz
- 4:-100.94 dB 960.000 MHz

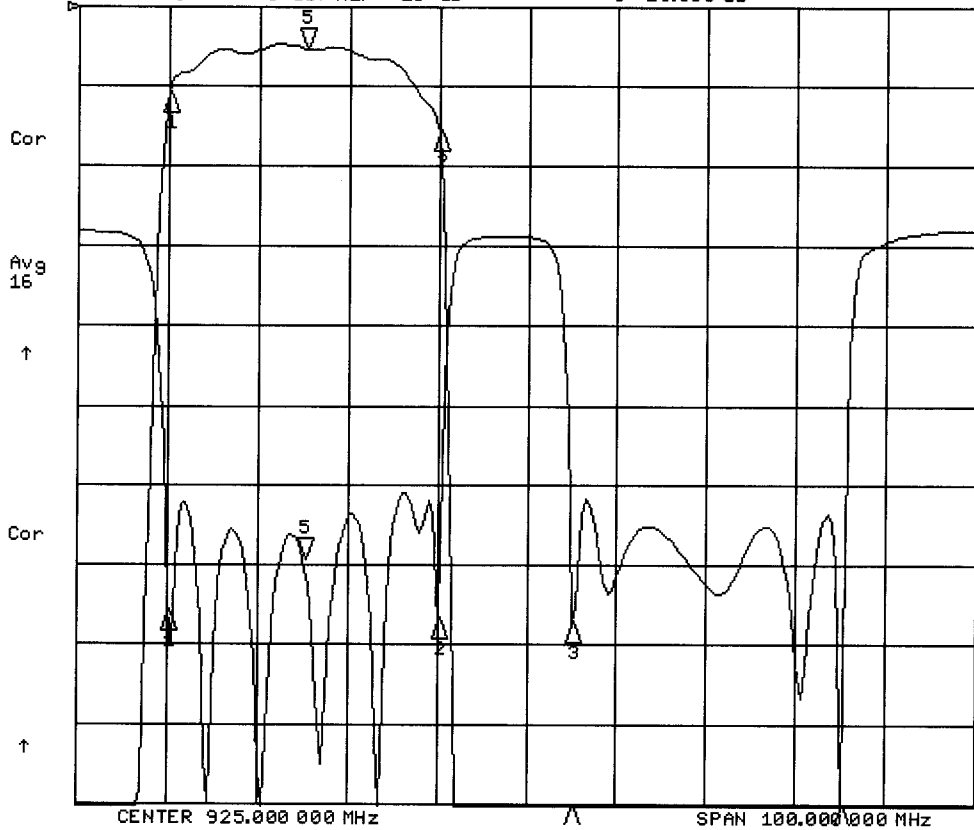
CH2 Markers

- 1:-23.785 dB 885.000 MHz
- 2:-24.564 dB 915.000 MHz
- 3:-24.576 dB 930.000 MHz
- 4:-38.370 dB 960.000 MHz

20 Nov 2008 10:18:42

CH1 S21 LOG 1 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -16 dB

5:-.52070 dB 900.000 000 MHz
5:-20.683 dB



CH1 Markers

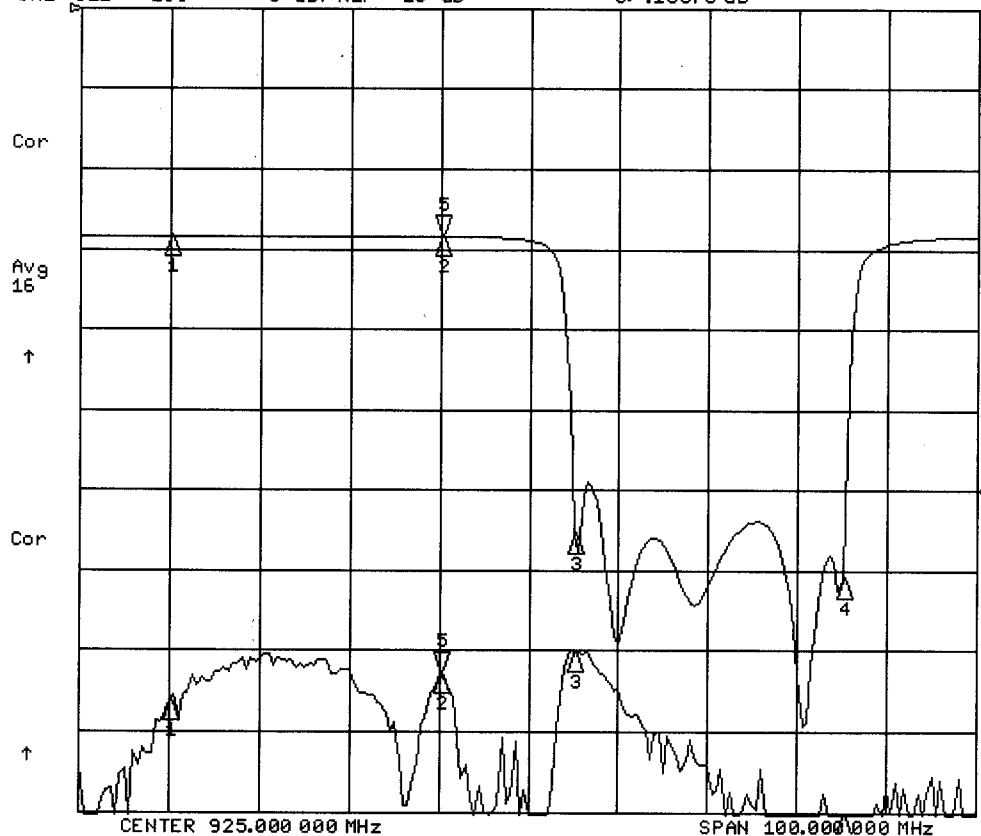
- 1:-1.0878 dB 885.000 MHz
- 2:-1.5717 dB 915.000 MHz
- 3:-79.026 dB 930.000 MHz
- 4:-100.02 dB 960.000 MHz

CH2 Markers

- 1:-23.879 dB 885.000 MHz
- 2:-24.354 dB 915.000 MHz
- 3:-24.619 dB 930.000 MHz
- 4:-38.926 dB 960.000 MHz

24 Nov 2008 10:16:12

CH1 S21 LOG 10 dB/REF 0 dB 5:-82.836 dB 915.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5:-.16370 dB



CH1 Markers

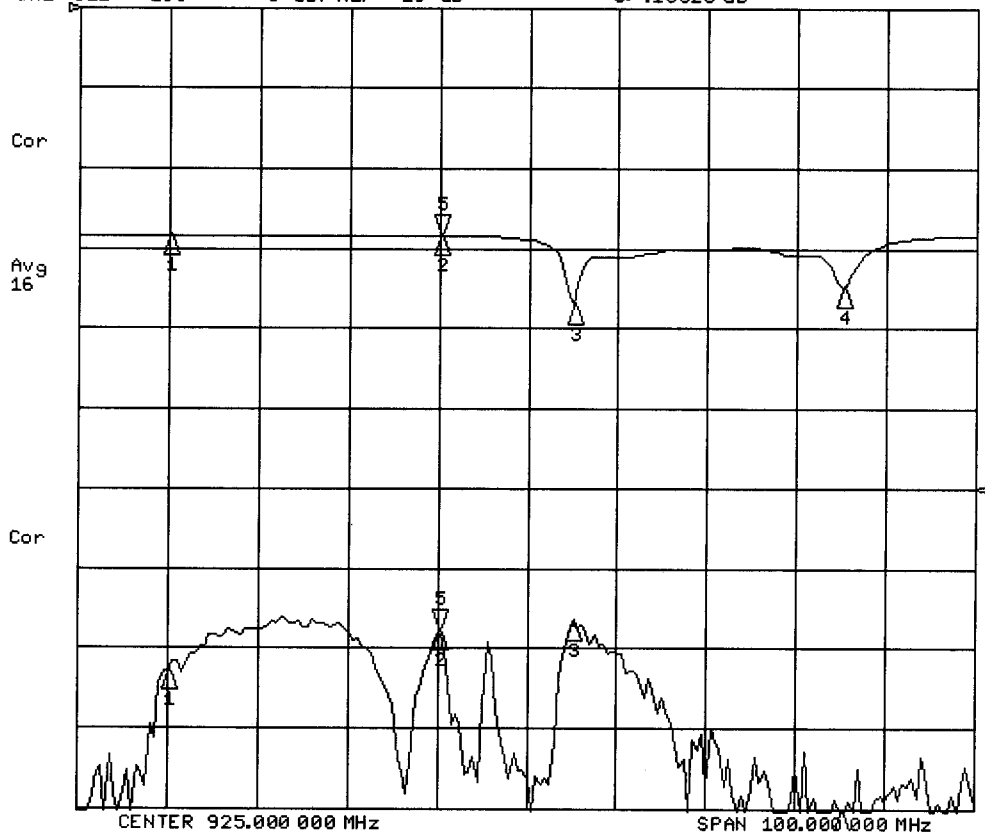
- 1:-86.044 dB
885.000 MHz
- 2:-82.836 dB
915.000 MHz
- 3:-80.109 dB
930.000 MHz
- 4:-102.37 dB
960.000 MHz

CH2 Markers

- 1:-.23640 dB
885.000 MHz
- 2:-.16370 dB
915.000 MHz
- 3:-18.739 dB
930.000 MHz
- 4:-21.506 dB
960.000 MHz

24 Nov 2008 10:16:20

CH1 S21 LOG 10 dB/REF 0 dB 5:-77.690 dB 915.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5:-.16620 dB



CH1 Markers

- 1:-82.814 dB
885.000 MHz
- 2:-77.690 dB
915.000 MHz
- 3:-76.477 dB
930.000 MHz
- 4:-104.17 dB
960.000 MHz

CH2 Markers

- 1:-.23940 dB
885.000 MHz
- 2:-.16620 dB
915.000 MHz
- 3:-4.5980 dB
930.000 MHz
- 4:-3.5145 dB
960.000 MHz