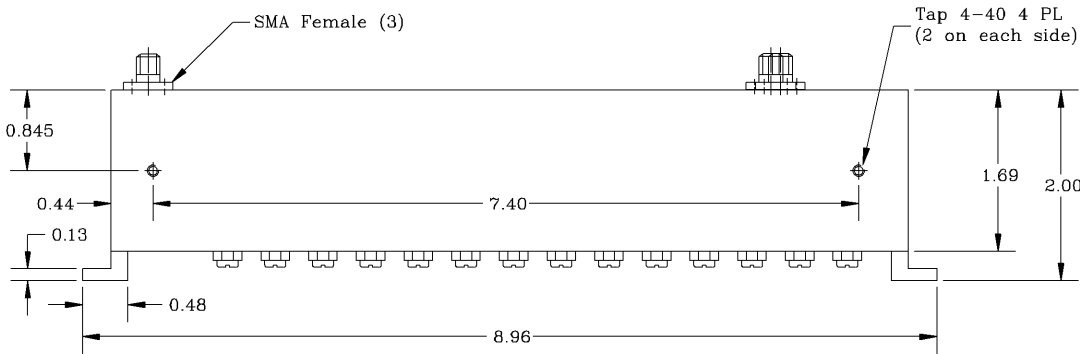
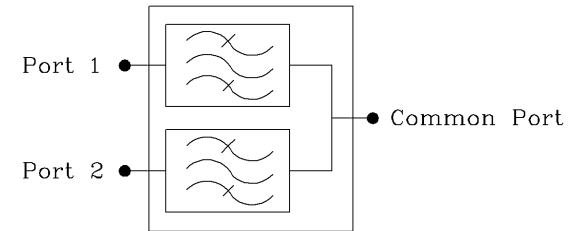
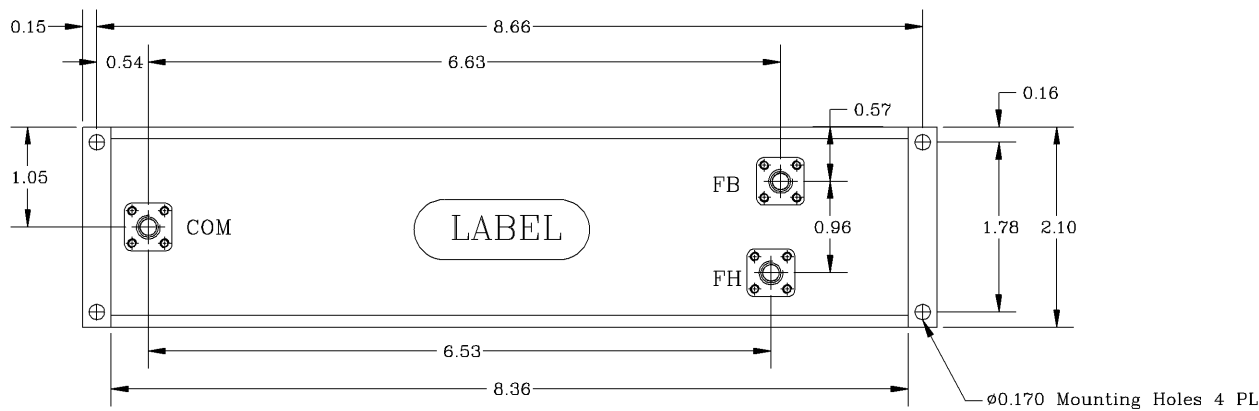


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *FB Pass Band Range [MHz] : 1375 to 1400
- Pass Band Insertion Loss [dB] : <1.0
- Pass Band Ripple [dB] : <0.5 P.T.P
- FB Attenuation @ 1427 to 1452 MHz [dB] : 70 (Min.)
- *FH Pass Band Range [MHz] : 1427 to 1452
- Pass Band Insertion Loss [dB] : <1.0
- Pass Band Ripple [dB] : <0.5 P.T.P
- FH Attenuation @ 1375 to 1400 MHz [dB] : 70 (Min.)
- *Pass Band Return Loss [dB] : -20 (Max.), <1.22:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 10 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°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.

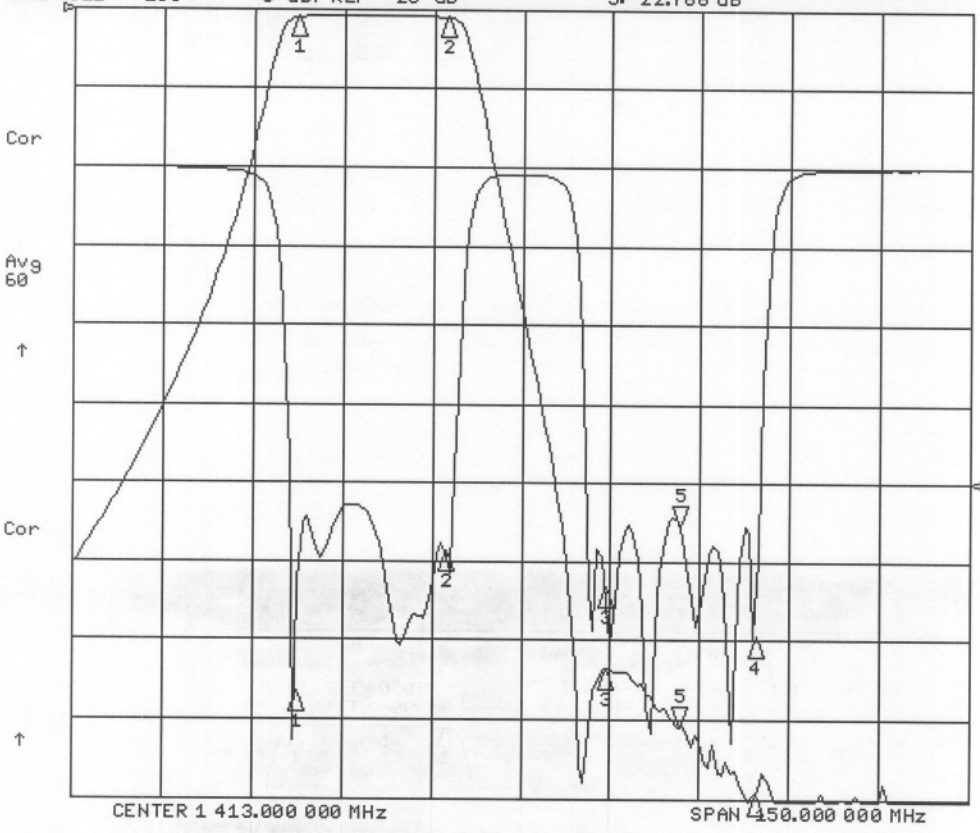
NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN	Segal	07/09	CD1413/25SK-E1		REV.
TREATMENT		CHECKED			SIZE	CAGE CODE	DWG NO:
FINISH	63/	ENG.			A	3K1H4	CD1413/25SK-E1-1
MATERIAL	AL6061-T6	DESIGN ACTIVITY			SCALE	None	SHEET 1 OF 1

CD 1413/25 SK-E1

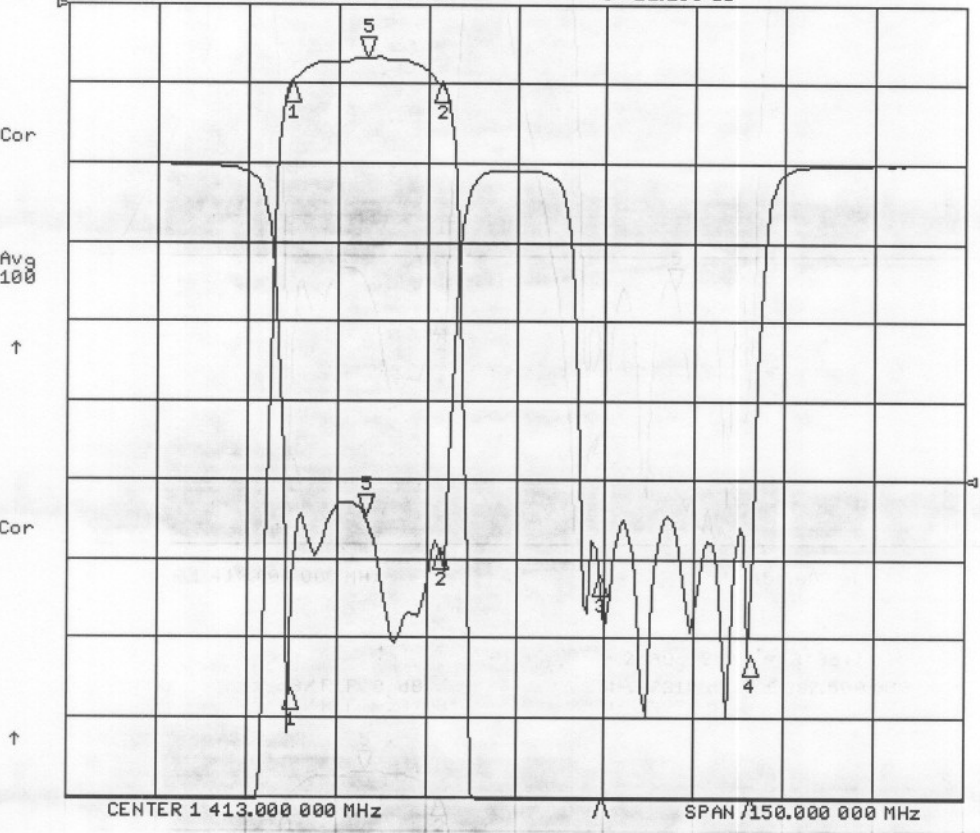
2 Aug 2007 13:35:42
 CH1 S21 LOG 10 dB/REF 0 dB 5:-90.949 dB 1 439.500 000 MHz
 CH2 S11 LOG 5 dB/REF -20 dB 5:-22.766 dB



CH1 Markers
 1:-98.750 dB
 1.37500 GHz
 2:-98.730 dB
 1.40000 GHz
 3:-83.622 dB
 1.42700 GHz
 4:-99.757 dB
 1.45200 GHz

CH2 Markers
 1:-33.307 dB
 1.37500 GHz
 2:-24.393 dB
 1.40000 GHz
 3:-26.698 dB
 1.42700 GHz
 4:-29.845 dB
 1.45200 GHz

2 Aug 2007 13:35:54
 CH1 S21 LOG 1 dB/REF 0 dB 5:-67.310 dB 1 397.500 000 MHz
 CH2 S11 LOG 5 dB/REF -20 dB 5:-22.239 dB

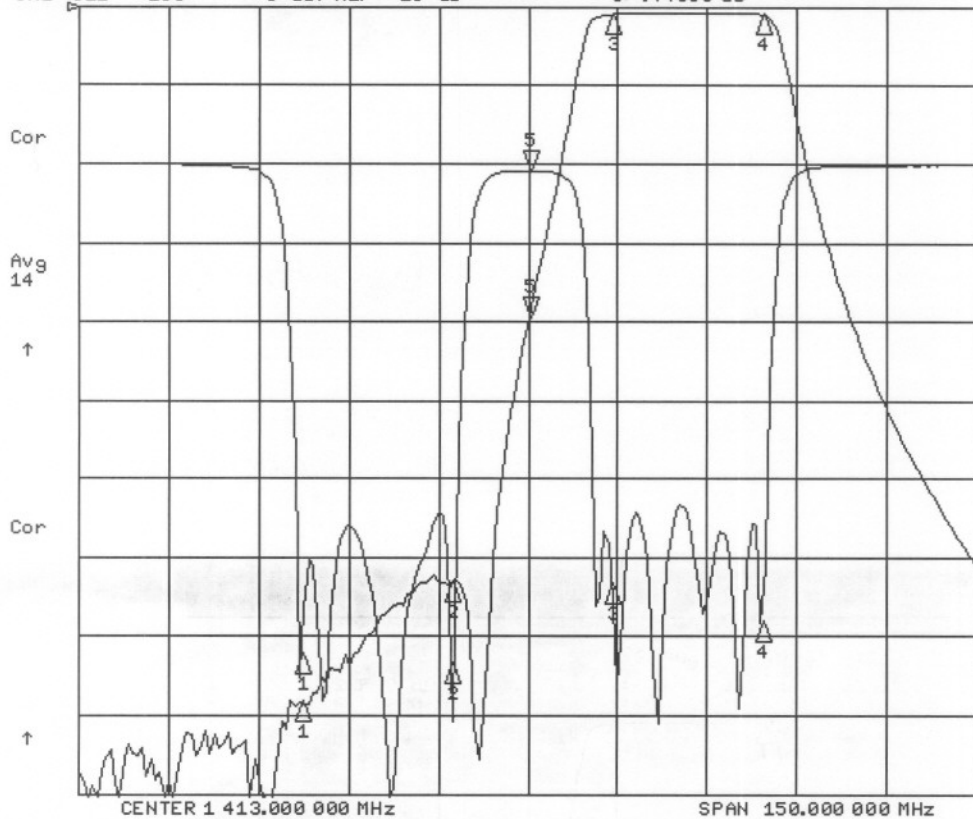


CH1 Markers
 1:-98.760 dB
 1.37500 GHz
 2:-99.050 dB
 1.40000 GHz
 3:-83.231 dB
 1.42700 GHz
 4:-99.532 dB
 1.45200 GHz

CH2 Markers
 1:-33.263 dB
 1.37500 GHz
 2:-24.388 dB
 1.40000 GHz
 3:-26.156 dB
 1.42700 GHz
 4:-31.122 dB
 1.45200 GHz

2 Aug 2007 13:34:15

CH1 S21 LOG 10 dB/REF 0 dB 5:-39.534 dB 1 413.000 000 MHz
CH2 S11 LOG 5 dB/REF -20 dB 5:-.44580 dB



CH1 Markers

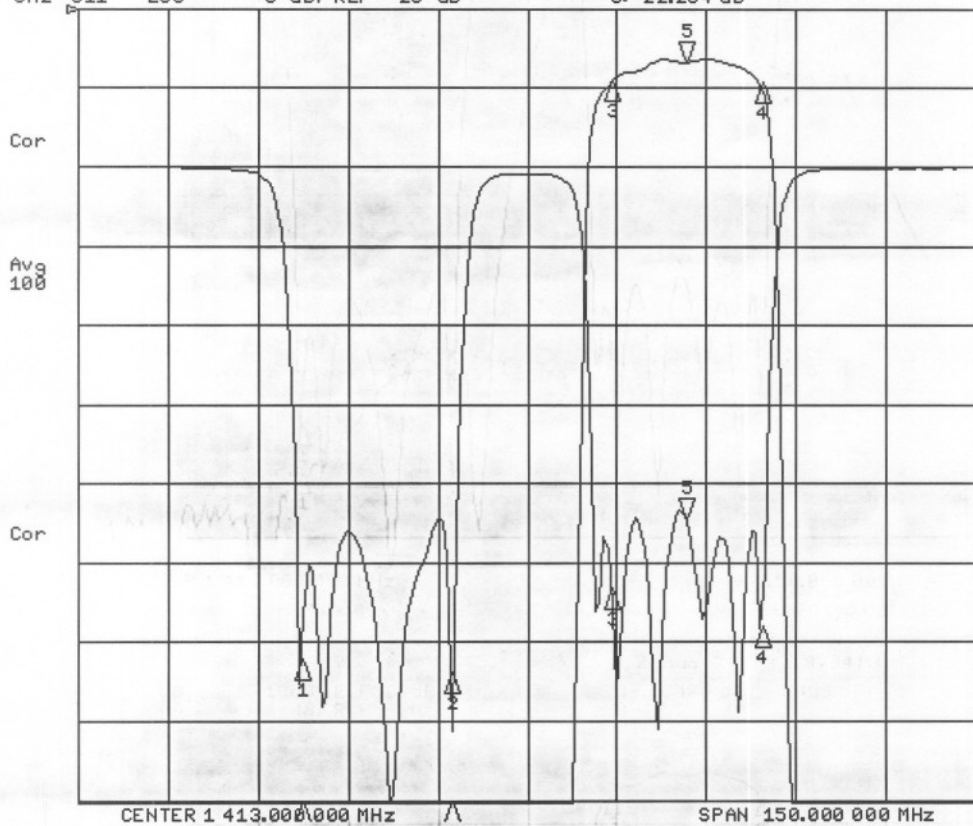
- 1:-88.293 dB
1.37500 GHz
- 2:-73.244 dB
1.40000 GHz
- 3:-92280 dB
1.42700 GHz
- 4:-93170 dB
1.45200 GHz

CH2 Markers

- 1:-31.154 dB
1.37500 GHz
- 2:-31.790 dB
1.40000 GHz
- 3:-26.666 dB
1.42700 GHz
- 4:-29.123 dB
1.45200 GHz

2 Aug 2007 13:34:31

CH1 S21 LOG 1 dB/REF 0 dB 5:-.67480 dB 1 439.500 000 MHz
CH2 S11 LOG 5 dB/REF -20 dB 5:-22.284 dB



CH1 Markers

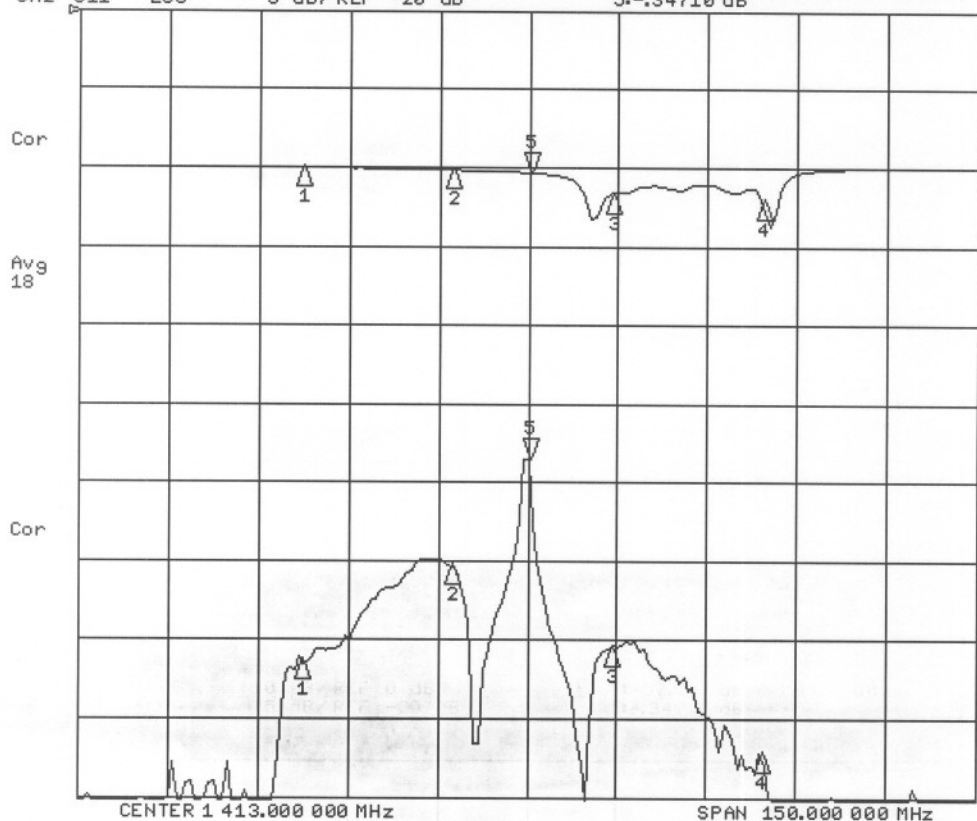
- 1:-88.136 dB
1.37500 GHz
- 2:-73.194 dB
1.40000 GHz
- 3:-92340 dB
1.42700 GHz
- 4:-93500 dB
1.45200 GHz

CH2 Markers

- 1:-31.118 dB
1.37500 GHz
- 2:-31.949 dB
1.40000 GHz
- 3:-26.661 dB
1.42700 GHz
- 4:-29.095 dB
1.45200 GHz

2 Aug 2007 13:36:31

CH1 S21 LOG 10 dB/REF 0 dB 5:-57.107 dB 1 413.000 000 MHz
CH2 S11 LOG 5 dB/REF -20 dB 5:-.34710 dB



CH1 Markers

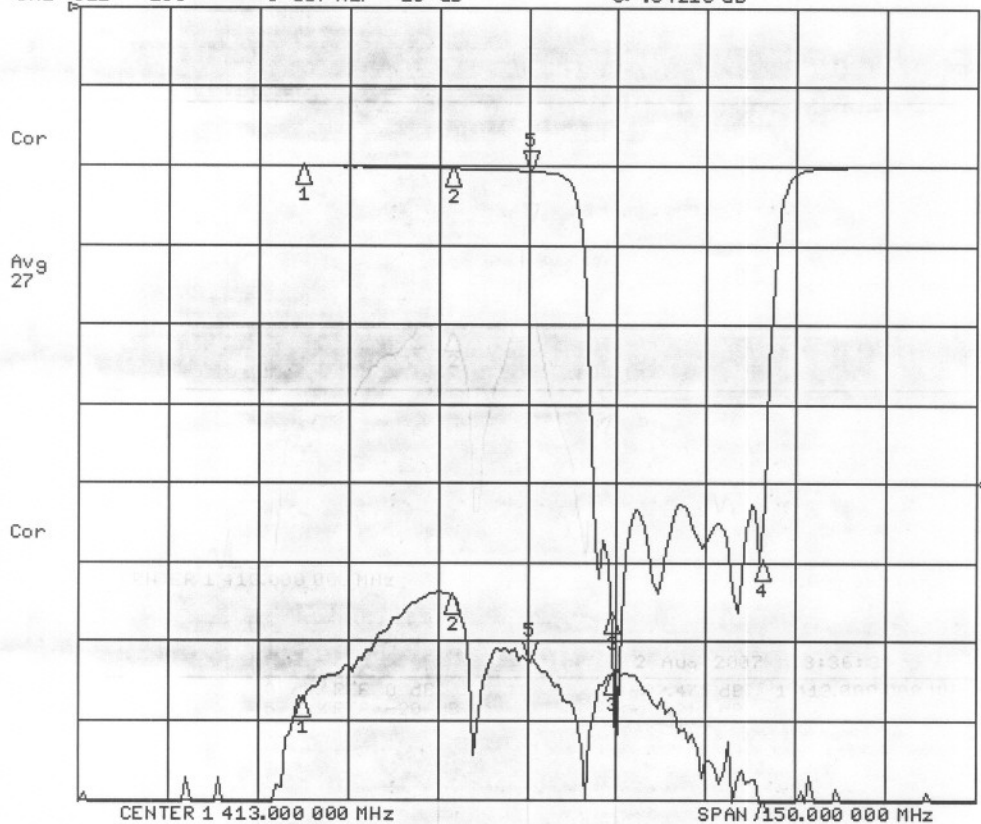
1:-82.496 dB
1.37500 GHz
2:-70.640 dB
1.40000 GHz
3:-80.797 dB
1.42700 GHz
4:-94.446 dB
1.45200 GHz

CH2 Markers

1:-.06190 dB
1.37500 GHz
2:-.15670 dB
1.40000 GHz
3:-1.6136 dB
1.42700 GHz
4:-2.0616 dB
1.45200 GHz

2 Aug 2007 13:36:39

CH1 S21 LOG 10 dB/REF 0 dB 5:-82.475 dB 1 413.000 000 MHz
CH2 S11 LOG 5 dB/REF -20 dB 5:-.34210 dB



CH1 Markers

1:-87.129 dB
1.37500 GHz
2:-74.156 dB
1.40000 GHz
3:-84.274 dB
1.42700 GHz
4:-104.31 dB
1.45200 GHz

CH2 Markers

1:-.06410 dB
1.37500 GHz
2:-.15540 dB
1.40000 GHz
3:-28.200 dB
1.42700 GHz
4:-24.931 dB
1.45200 GHz