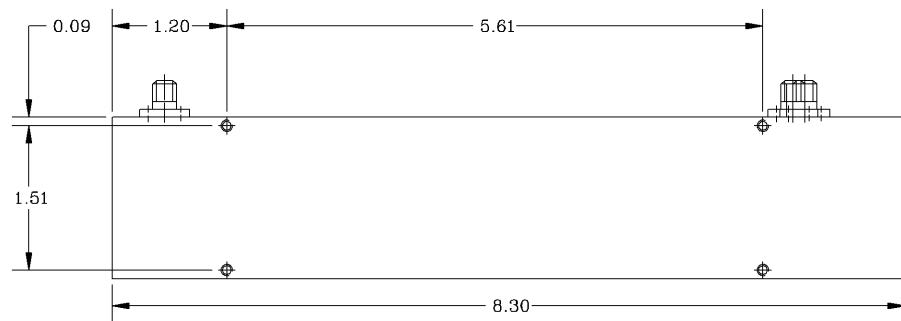
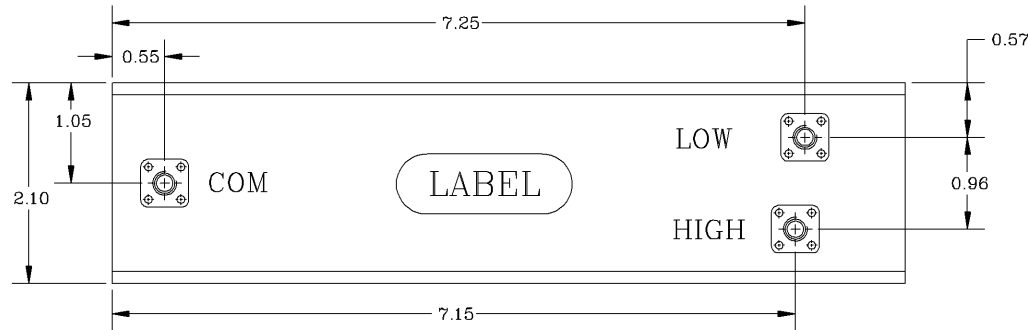
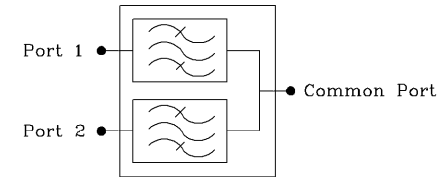
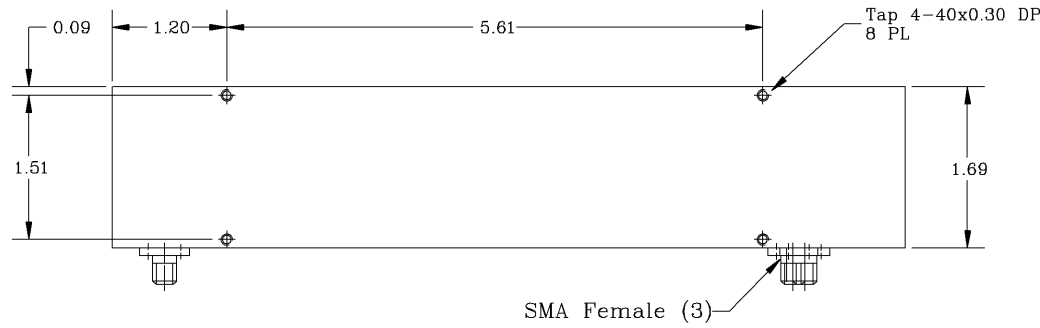


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *LOW 1dB Pass Band Range [MHz] : 1850 to 1910
- *HIGH 1dB Pass Band Range [MHz] : 1930 to 1990
- *Pass Band Insertion Loss [dB] : <0.8, 0.6 (Typ.)
- *Pass Band Ripple [dB] : <0.5 P-T-P
- *LOW Attenuation @ 10 to 1790 MHz [dB] : 70 (Min.)
 1930 to 1990 MHz [dB] : 75 (Min.), 80 (Typ.)
 2100 to 3900 MHz [dB] : 80 (Min.)
- *HIGH Attenuation @ 10 to 1800 MHz [dB] : 90 (Min.)
 1850 to 1910 MHz [dB] : 70 (Min.), 75 (Typ.)
 2700 to 3900 MHz [dB] : 80 (Min.)
- *Isolation Between Filters [dB] : 70 (Min.), 75 (Typ.)
- *Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 50 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +75°C

PROPRIETARY DOCUMENT:
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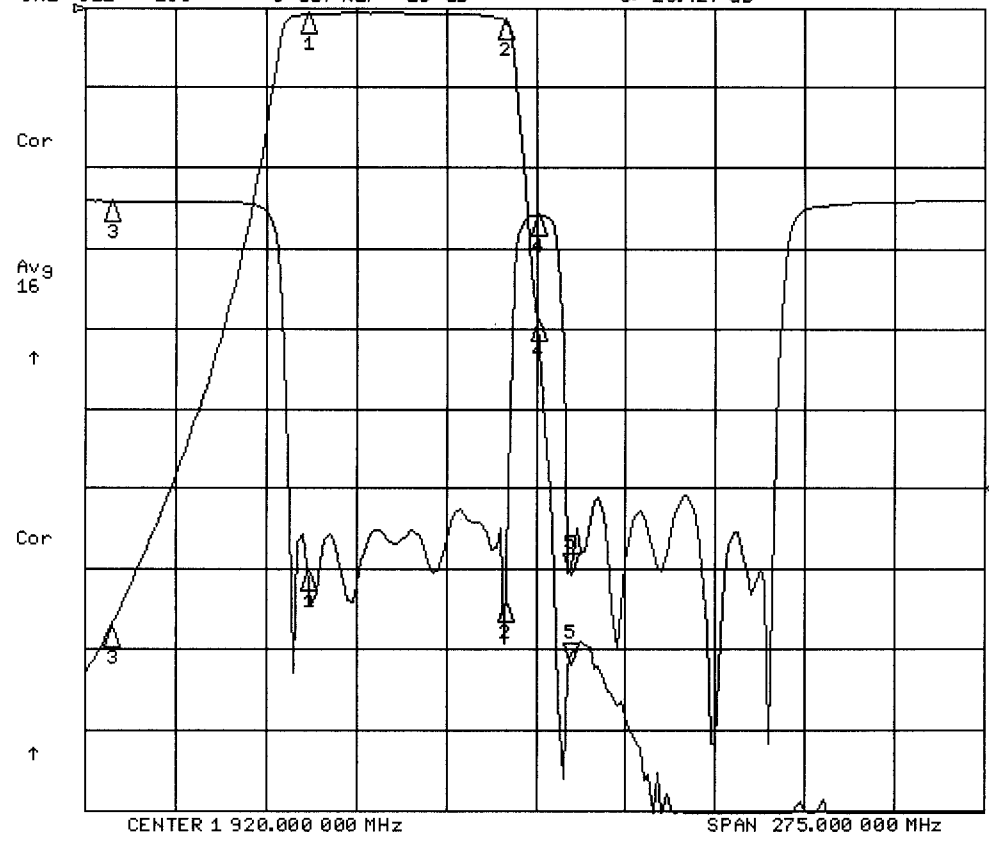
NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		G-Way Microwave			
± 1°	X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE				
TREATMENT		DRAWN	Segal	05/10	Diplexer Full Band PCS		
FINISH	63/	CHECKED			CD1920/60SK-E		
MATERIAL		ENG.			SIZE	CAGE CODE	DWG NO:
		DESIGN ACTIVITY			A	3K1H4	CD1920/60SK-E-1
					SCALE	None	SHEET 1 OF 1

3 May 2010 19:29:49

CH1 S21 LOG 10 dB/REF 0 dB 5:-81.723 dB 1 930.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-23.427 dB



CH1 Markers

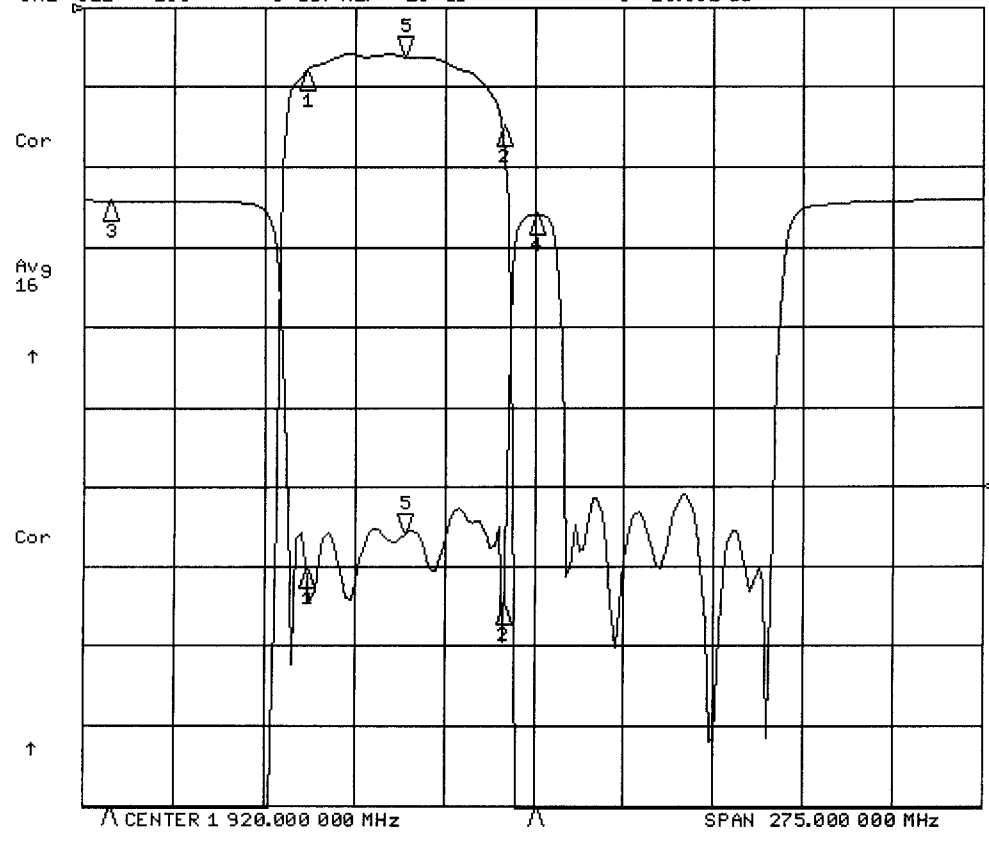
- 1:-80.200 dB
1.85000 GHz
- 2:-1.4995 dB
1.91000 GHz
- 3:-77.302 dB
1.79000 GHz
- 4:-39.000 dB
1.92000 GHz

CH2 Markers

- 1:-23.118 dB
1.85000 GHz
- 2:-25.096 dB
1.91000 GHz
- 3:-10.460 dB
1.79000 GHz
- 4:-9.6320 dB
1.92000 GHz

3 May 2010 19:30:04

CH1 S21 LOG 1 dB/REF 0 dB 5:-.61950 dB 1 880.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-20.931 dB



CH1 Markers

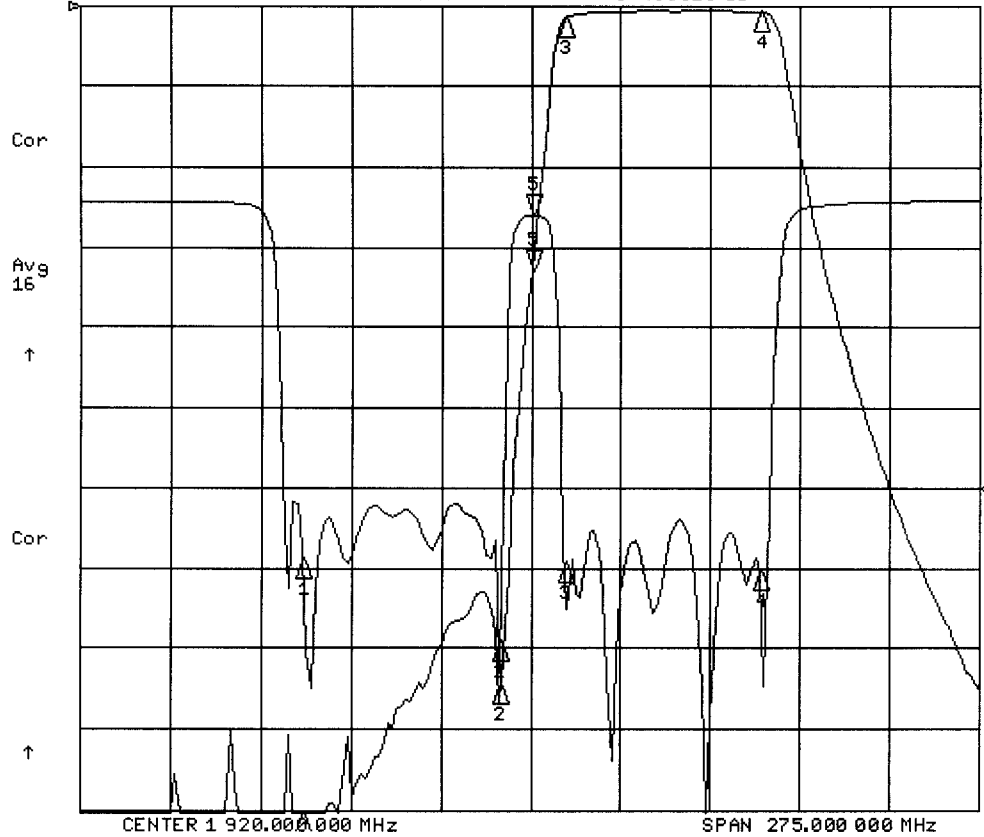
- 1:-.80300 dB
1.85000 GHz
- 2:-1.5014 dB
1.91000 GHz
- 3:-77.175 dB
1.79000 GHz
- 4:-38.991 dB
1.92000 GHz

CH2 Markers

- 1:-23.104 dB
1.85000 GHz
- 2:-25.473 dB
1.91000 GHz
- 3:-10.680 dB
1.79000 GHz
- 4:-9.5850 dB
1.92000 GHz

3 May 2010 19:31:15

CH1 S21 LOG 10 dB/REF 0 dB 5:-32.980 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-.96920 dB



CH1 Markers

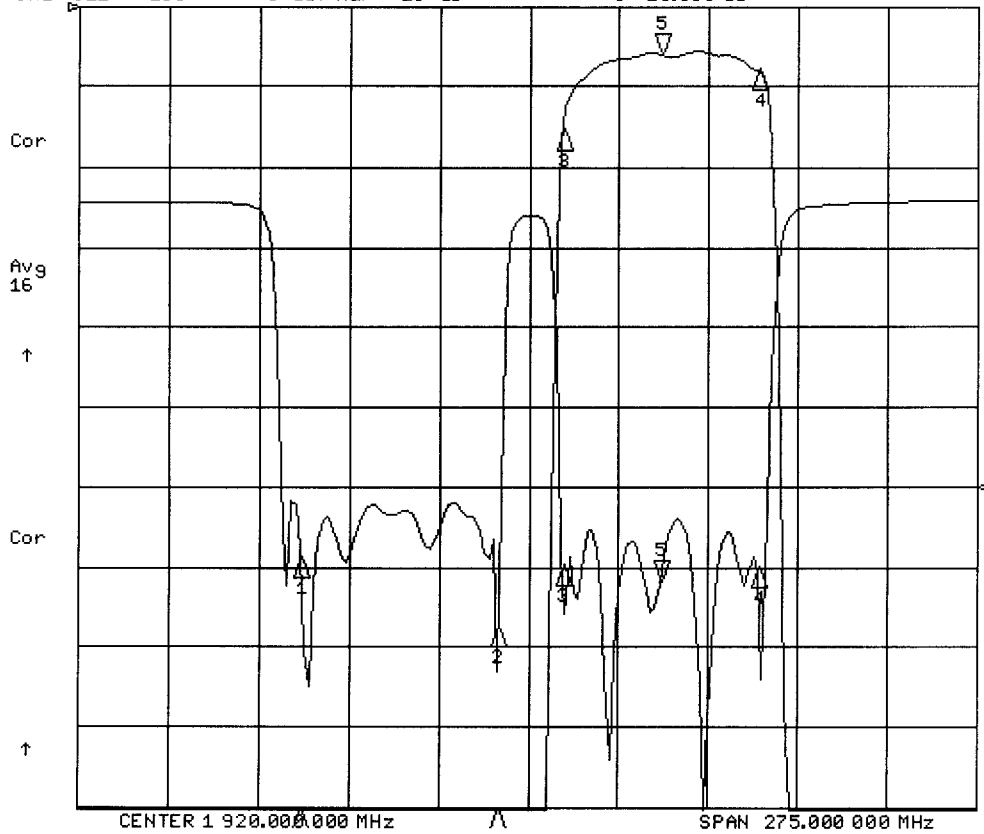
- 1:-110.42 dB
1.85000 GHz
- 2:-84.560 dB
1.91000 GHz
- 3:-1.5471 dB
1.93000 GHz
- 4:-.80420 dB
1.99000 GHz

CH2 Markers

- 1:-22.438 dB
1.85000 GHz
- 2:-27.639 dB
1.91000 GHz
- 3:-22.679 dB
1.93000 GHz
- 4:-23.080 dB
1.99000 GHz

3 May 2010 19:31:24

CH1 S21 LOG 1 dB/REF 0 dB 5:-.60510 dB 1 960.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-23.850 dB



CH1 Markers

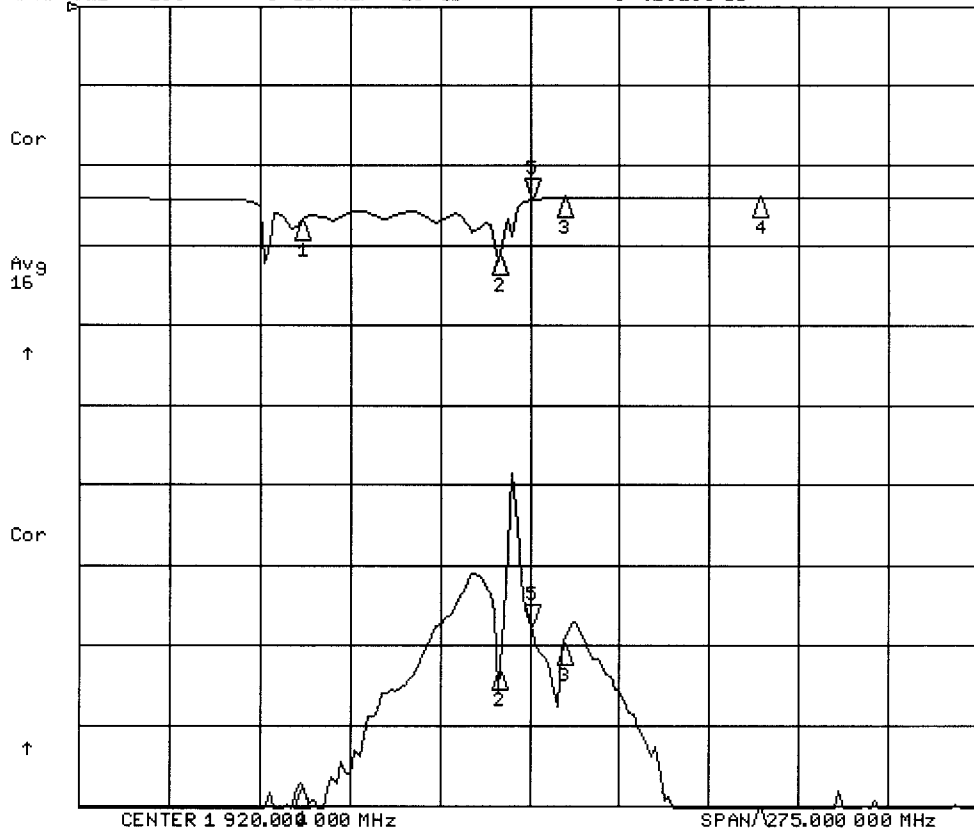
- 1:-104.60 dB
1.85000 GHz
- 2:-84.913 dB
1.91000 GHz
- 3:-1.5544 dB
1.93000 GHz
- 4:-.80590 dB
1.99000 GHz

CH2 Markers

- 1:-22.477 dB
1.85000 GHz
- 2:-26.794 dB
1.91000 GHz
- 3:-22.869 dB
1.93000 GHz
- 4:-23.044 dB
1.99000 GHz

3 May 2010 19:31:55

CH1 S21 LOG 10 dB/REF 0 dB 5:-77.565 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-.20150 dB



CH1 Markers

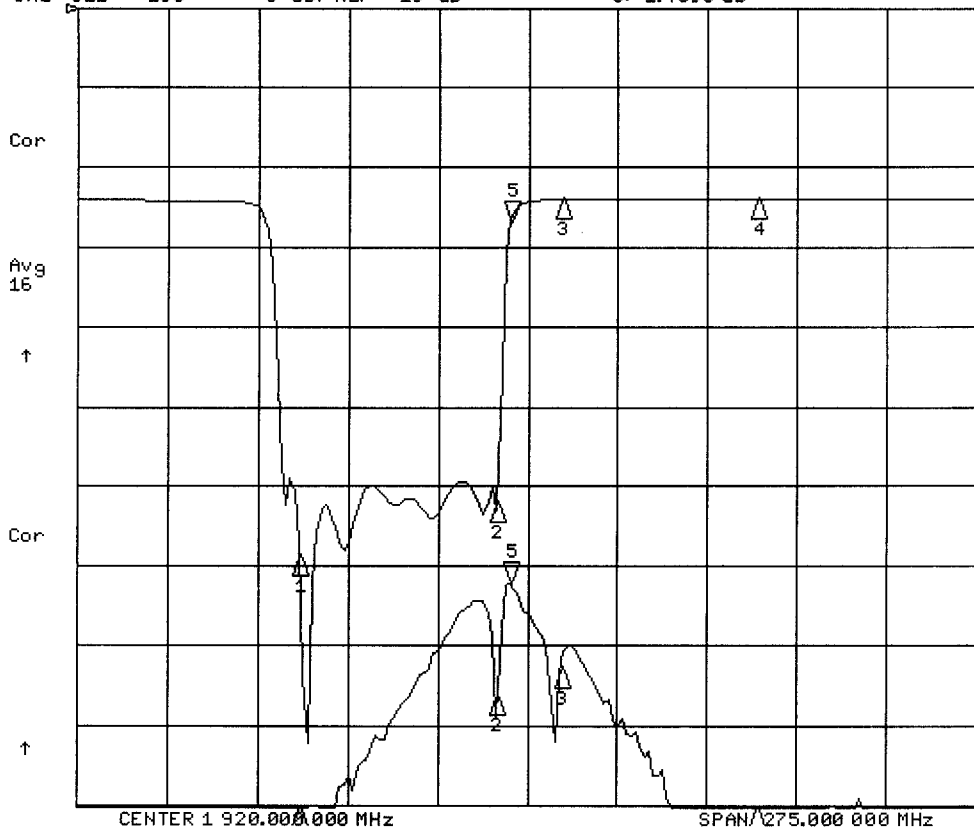
- 1:-97.901 dB
1.85000 GHz
- 2:-82.937 dB
1.91000 GHz
- 3:-79.925 dB
1.93000 GHz
- 4:-114.38 dB
1.99000 GHz

CH2 Markers

- 1:-1.5369 dB
1.85000 GHz
- 2:-3.6397 dB
1.91000 GHz
- 3:-.02440 dB
1.93000 GHz
- 4:-.01830 dB
1.99000 GHz

3 May 2010 19:32:11

CH1 S21 LOG 10 dB/REF 0 dB 5:-72.167 dB 1 914.335 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-1.4596 dB



CH1 Markers

- 1:-103.38 dB
1.85000 GHz
- 2:-86.216 dB
1.91000 GHz
- 3:-82.684 dB
1.93000 GHz
- 4:-110.32 dB
1.99000 GHz

CH2 Markers

- 1:-22.429 dB
1.85000 GHz
- 2:-19.066 dB
1.91000 GHz
- 3:-.02730 dB
1.93000 GHz
- 4:-.02750 dB
1.99000 GHz