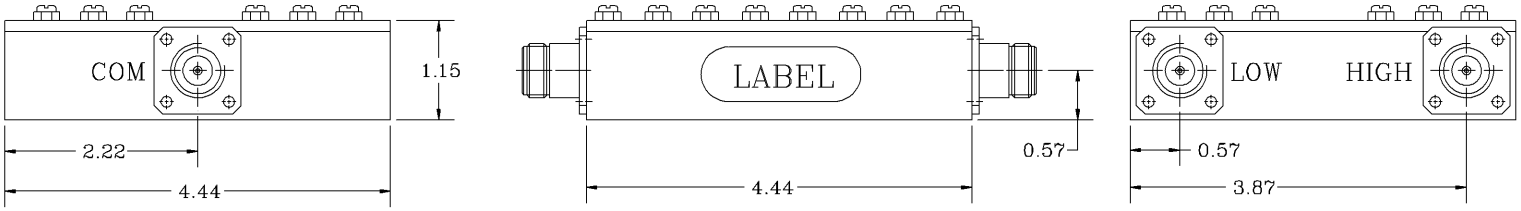
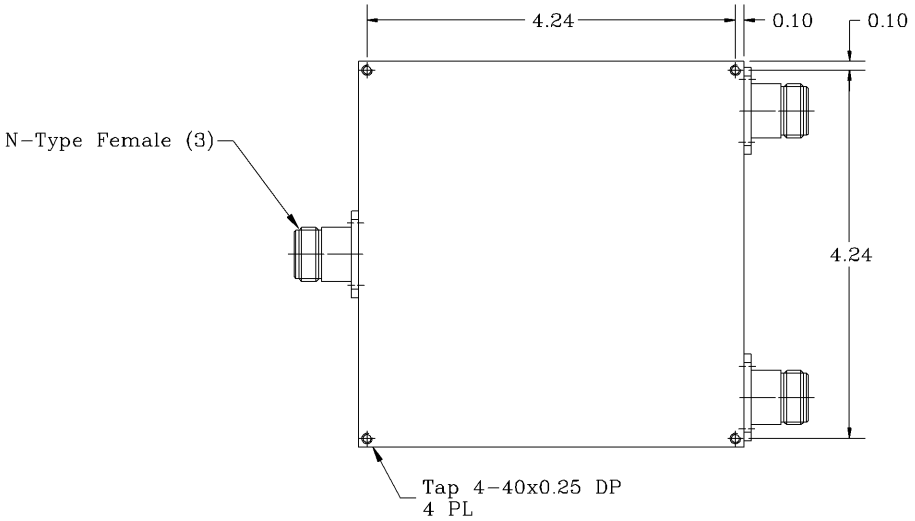
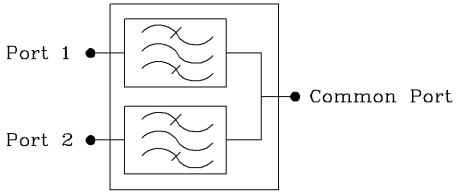
REVISIONS			
REV		DATE	APPROVED







Electrical Specifications

*Low 1dB Pass Band Range [MHz]	: 1710 to 1785
*High 1dB Pass Band Range [MHz]	: 1805 to 1880
*Pass Band Insertion Loss @ Fo [dB]	: <0.7, 0.6 (Typ.)
*Pass Band Ripple [dB]	: < 0.5 P-T-P
*Low Attenuation @ 1805 to 1880 MHz [dB]	: 50 (Min.), 55 (Typ.)
*High Attenuation @ 1710 to 1785 MHz [dB]	: 50 (Min.), 55 (Typ.)
*Isolation between filters [dB]	: 50 (Min.), 55 (Typ.)
*Pass Band Return Loss [dB]	: -18 (Max.), <1.28:1
*Input/Output Impedance	: 50 ohm
*RF Power Capability CW	: 80 Watts
*IM Products @ 2 x +33 dBm, IM3 [dBc]	: -143 (Min.)
@ 2 x +43 dBm, IM3 [dBc]	: -133 (Typ.)

*Input/Output @ DC Ground Potential

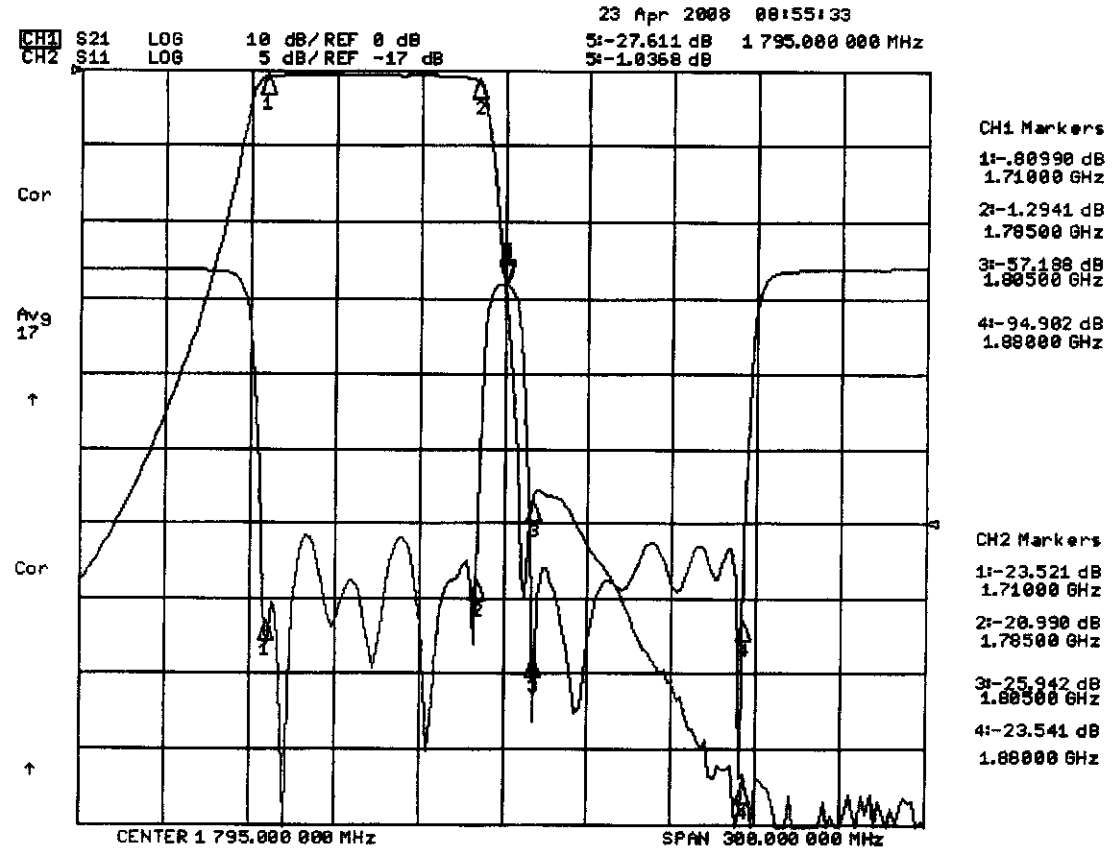
OPERATING TEMPERATURE RANGE: -20°C TO +80°C

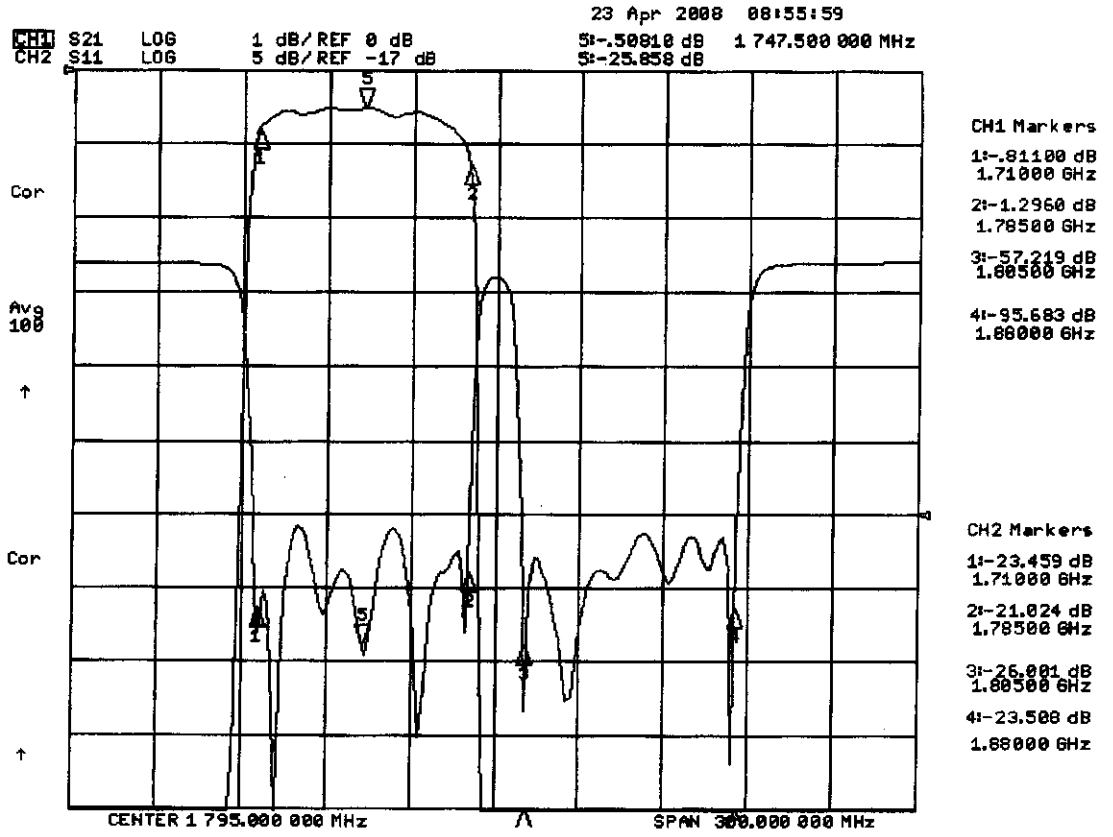
NOTES:

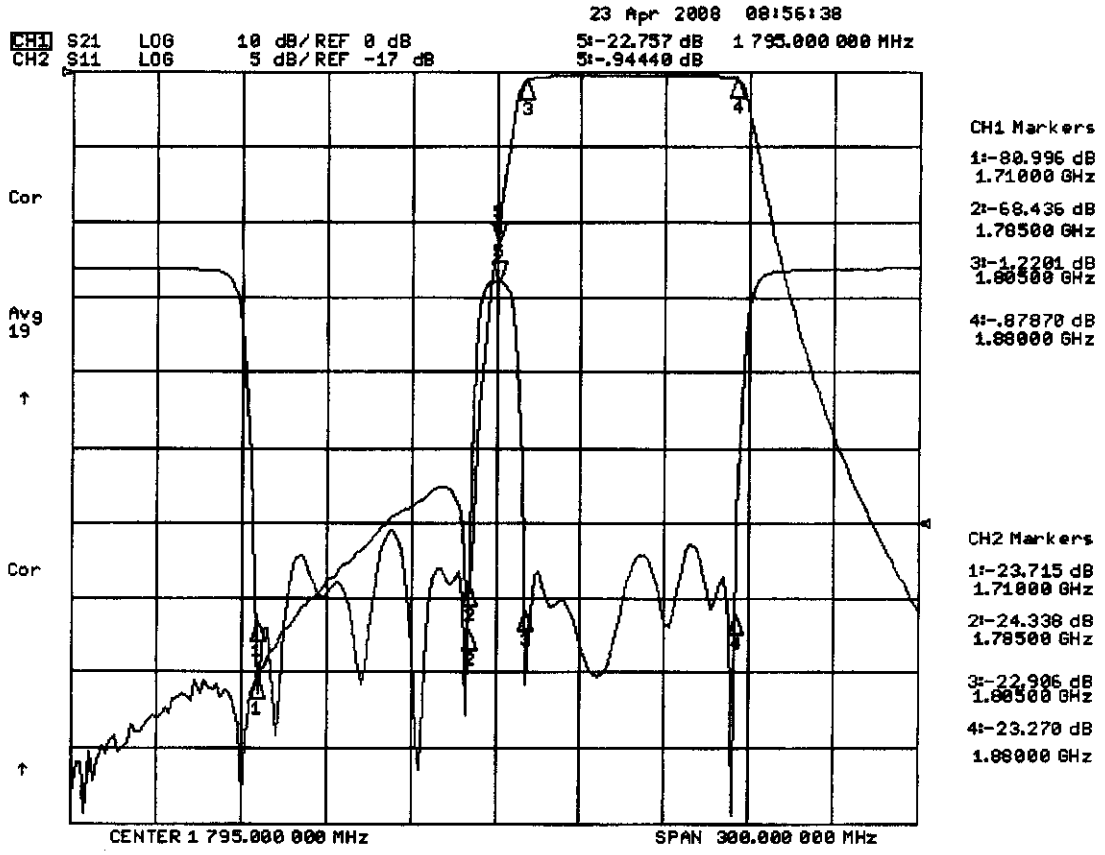
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
   EPOXY GRAY - OPTIONAL

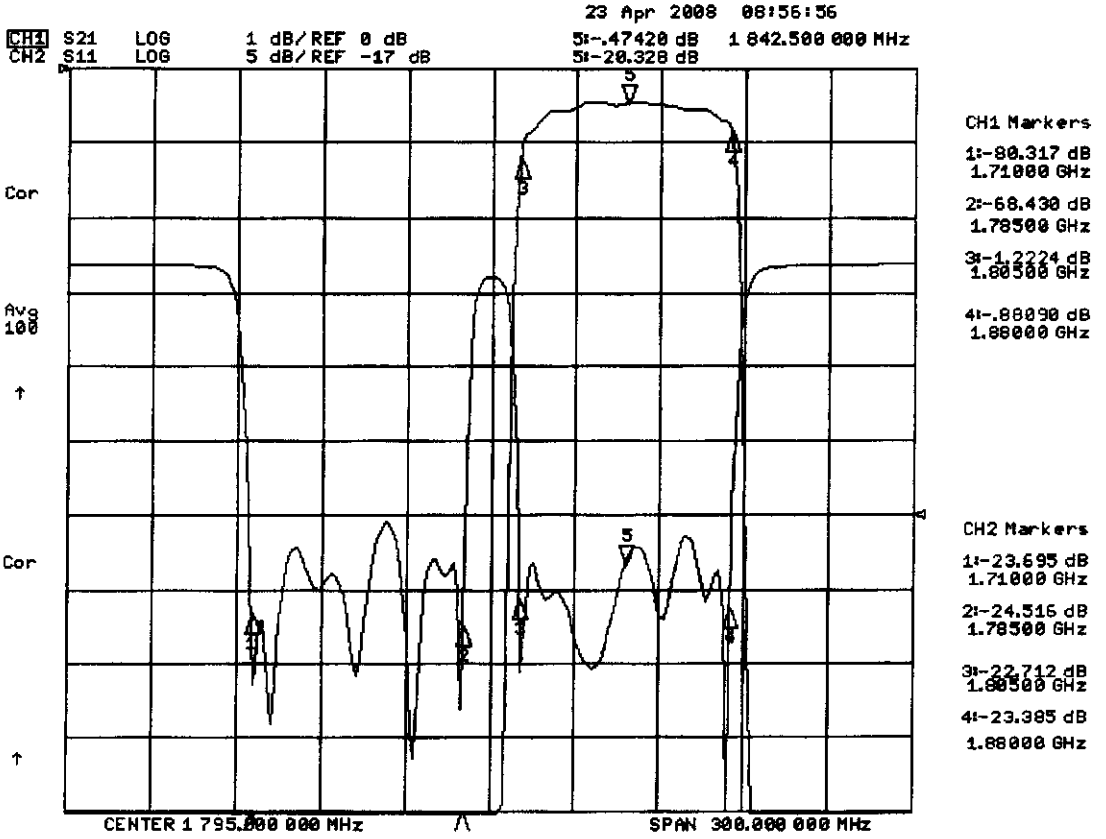
DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ANGLES ± 1° DECIMALS .X ± .05 .XX ± .01 .XXX ± .003	CONTRACT NO:		G-Way Microwave
	APPROVALS	DATE	TITLE Diplexer DCS Full Band CD1795/75MK-B3
TREATMENT	DRAWN Sivak	12/00	
FINISH 63	CHECKED		SIZE A / CAGE CODE 3K1H4 / DWG NO: CD1795/75MK-B3-1 / REV. 0
MATERIAL	ENG.		
	DESIGN ACTIVITY		SCALE None / SHEET 1 OF 1

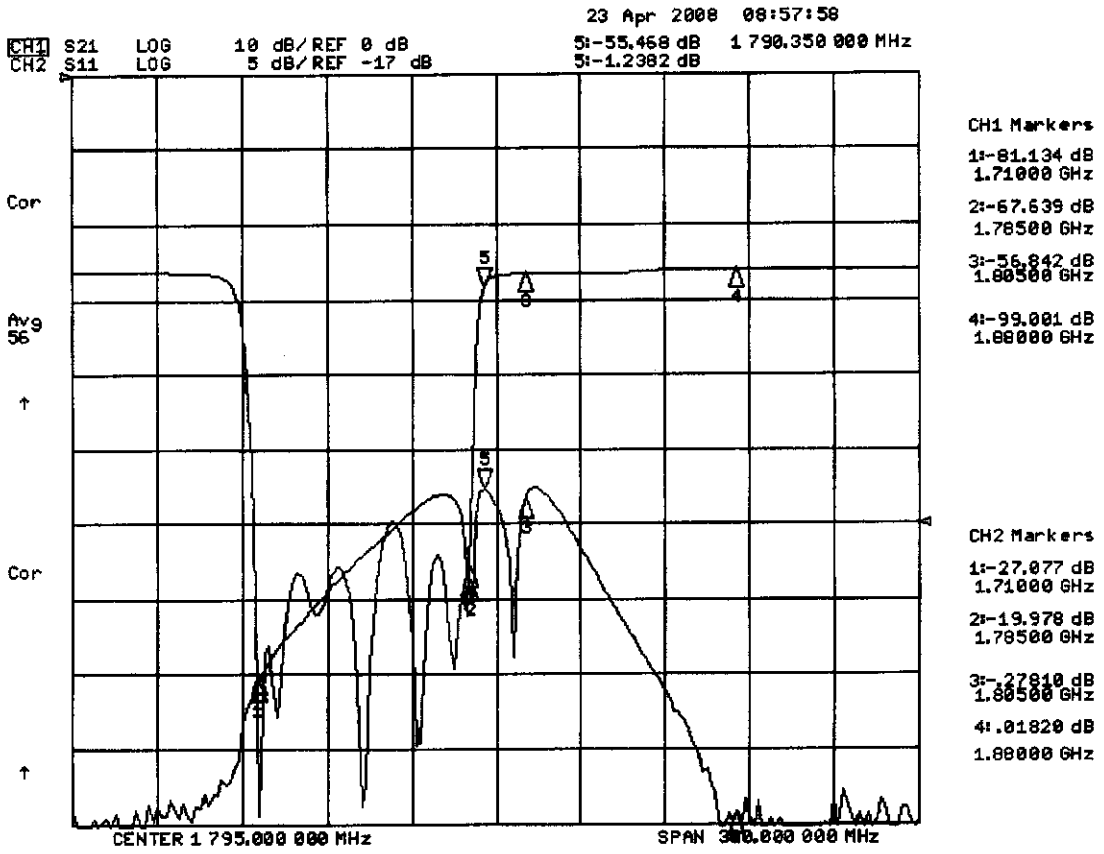
CD1795/75MK-B3

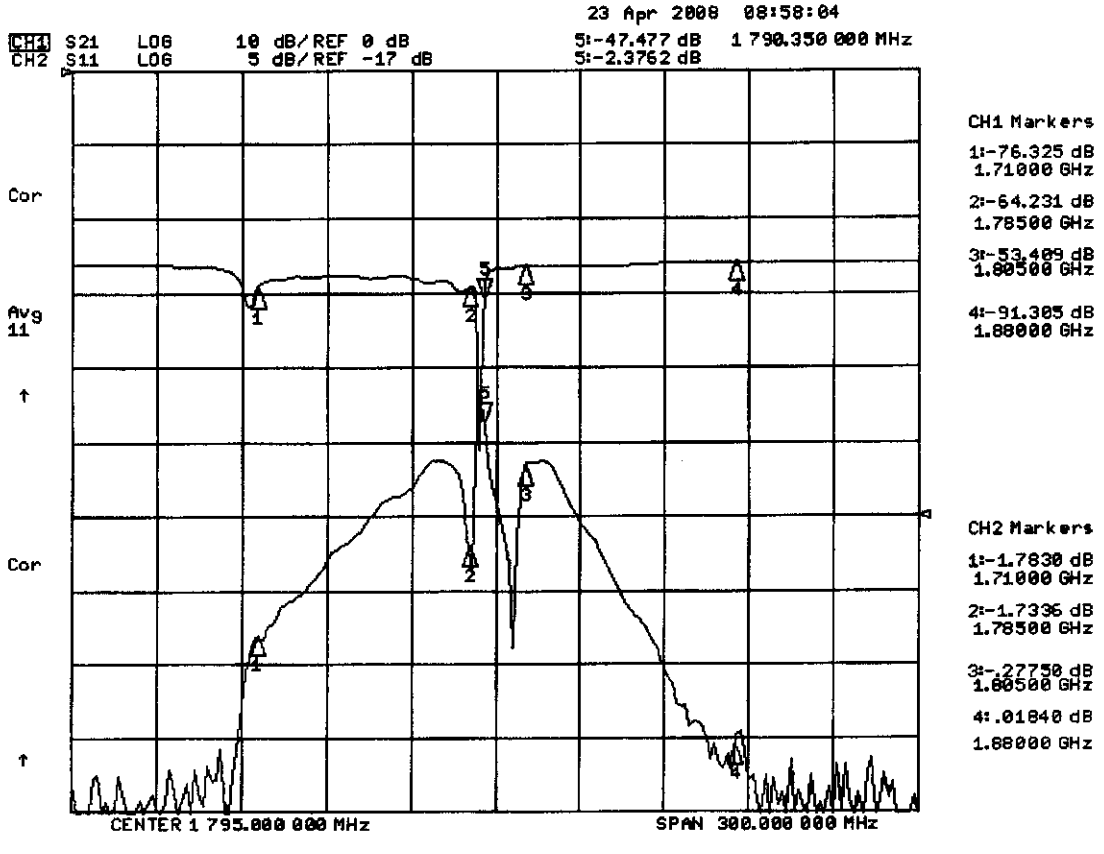





23 Apr 2008 08:56:38
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -17 dB
S:-22.757 dB 1 795.000 000 MHz
S:-.94440 dB
Cor
Avg 19
Cor
CH1 Markers
1:-80.996 dB 1.71000 GHz
2:-68.436 dB 1.78500 GHz
3:-1.2201 dB 1.80500 GHz
4:-.87870 dB 1.88000 GHz
CH2 Markers
1:-23.715 dB 1.71000 GHz
2:-24.338 dB 1.78500 GHz
3:-22.906 dB 1.80500 GHz
4:-23.270 dB 1.88000 GHz
CENTER 1 795.000 000 MHz
SPAN 300.000 000 MHz


23 Apr 2008 08:56:56
CH1 S21 LOG 1 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -17 dB
S:-.47420 dB 1 842.500 000 MHz
S:-20.328 dB
Cor
Avg 100
Cor
CH1 Markers
1:-80.317 dB 1.71000 GHz
2:-68.430 dB 1.78500 GHz
3:-1.2224 dB 1.80500 GHz
4:-.88090 dB 1.88000 GHz
CH2 Markers
1:-23.695 dB 1.71000 GHz
2:-24.516 dB 1.78500 GHz
3:-22.712 dB 1.80500 GHz
4:-23.385 dB 1.88000 GHz
CENTER 1 795.000 000 MHz
SPAN 300.000 000 MHz


23 Apr 2008 08:57:58
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -17 dB
5:-55.468 dB 1 790.350 000 MHz
5:-1.2382 dB
Cor
Avg 56
Cor
CH1 Markers
1:-81.134 dB
1.71000 GHz
2:-67.639 dB
1.78500 GHz
3:-56.842 dB
1.80500 GHz
4:-99.001 dB
1.88000 GHz
CH2 Markers
1:-27.077 dB
1.71000 GHz
2:-19.978 dB
1.78500 GHz
3:-.27810 dB
1.80500 GHz
4:.01820 dB
1.88000 GHz
CENTER 1 795.000 000 MHz
SPAN 300.000 000 MHz


23 Apr 2008 08:58:04
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -17 dB
5:-47.477 dB 1 790.350 000 MHz
5:-2.3762 dB
Cor
Avg 11
Cor
CH1 Markers
1:-76.325 dB
1.71000 GHz
2:-64.231 dB
1.78500 GHz
3:-53.409 dB
1.80500 GHz
4:-91.305 dB
1.88000 GHz
CH2 Markers
1:-1.7830 dB
1.71000 GHz
2:-1.7336 dB
1.78500 GHz
3:-.27750 dB
1.80500 GHz
4:.01840 dB
1.88000 GHz
CENTER 1 795.000 000 MHz
SPAN 300.000 000 MHz