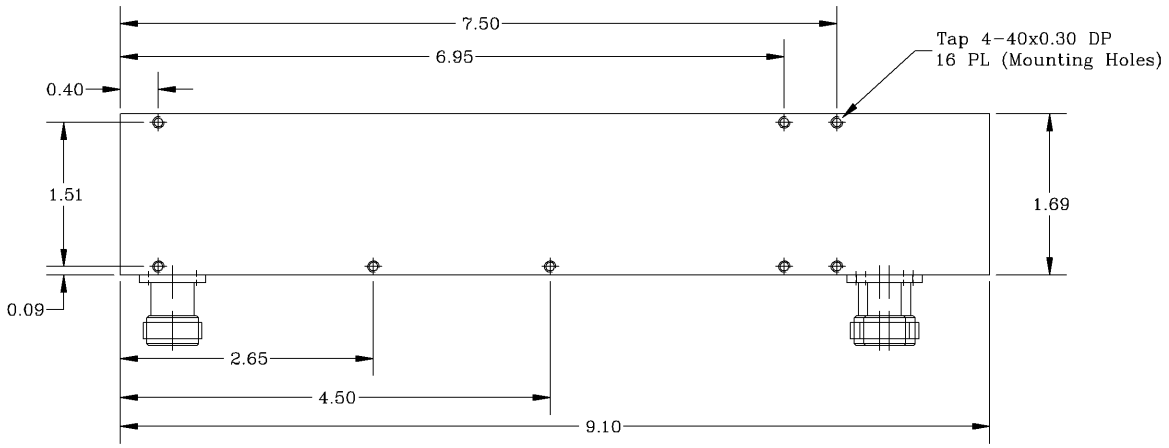
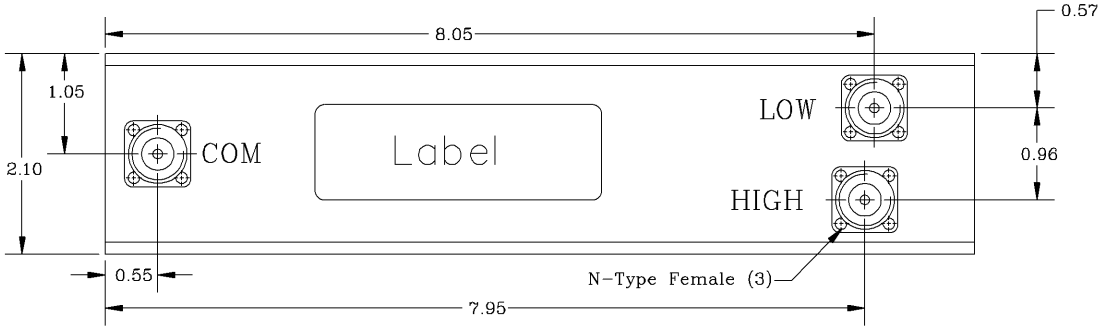
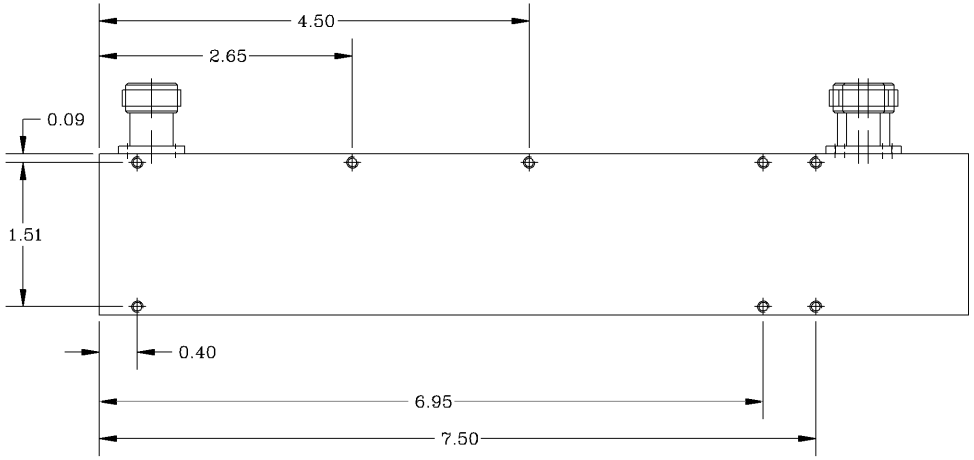
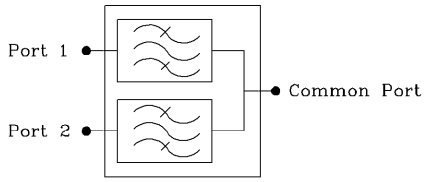
REVISIONS			
REV		DATE	APPROVED









Electrical Specifications

*Band 1 Pass Band Range [MHz] : 1850 to 1910
*Band 2 Pass Band Range [MHz] : 1930 t0 1990
*Pass Band Insertion Loss [dB] : <1.8, 1.5 (Typ.)
*Pass Band Ripple [dB] : <0.5 P-T-P
*Band 1 Attenuation @ 10 to 1790 MHz [dB] : 60 (Min.)
1930 to 1990 MHz [dB] : 85 (Min.), 90 (Typ.)
2100 to 3900 MHz [dB] : 80 (Min.)
*Band 2 Attenuation @ 10 to 1800 MHz [dB] : 90 (Min.)
1850 to 1910 MHz [dB] : 80 (Min.)
2700 to 3900 MHz [dB] : 80 (Min.)
*Isolation Tx to Rx [dB] : 80 (Min.)
*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

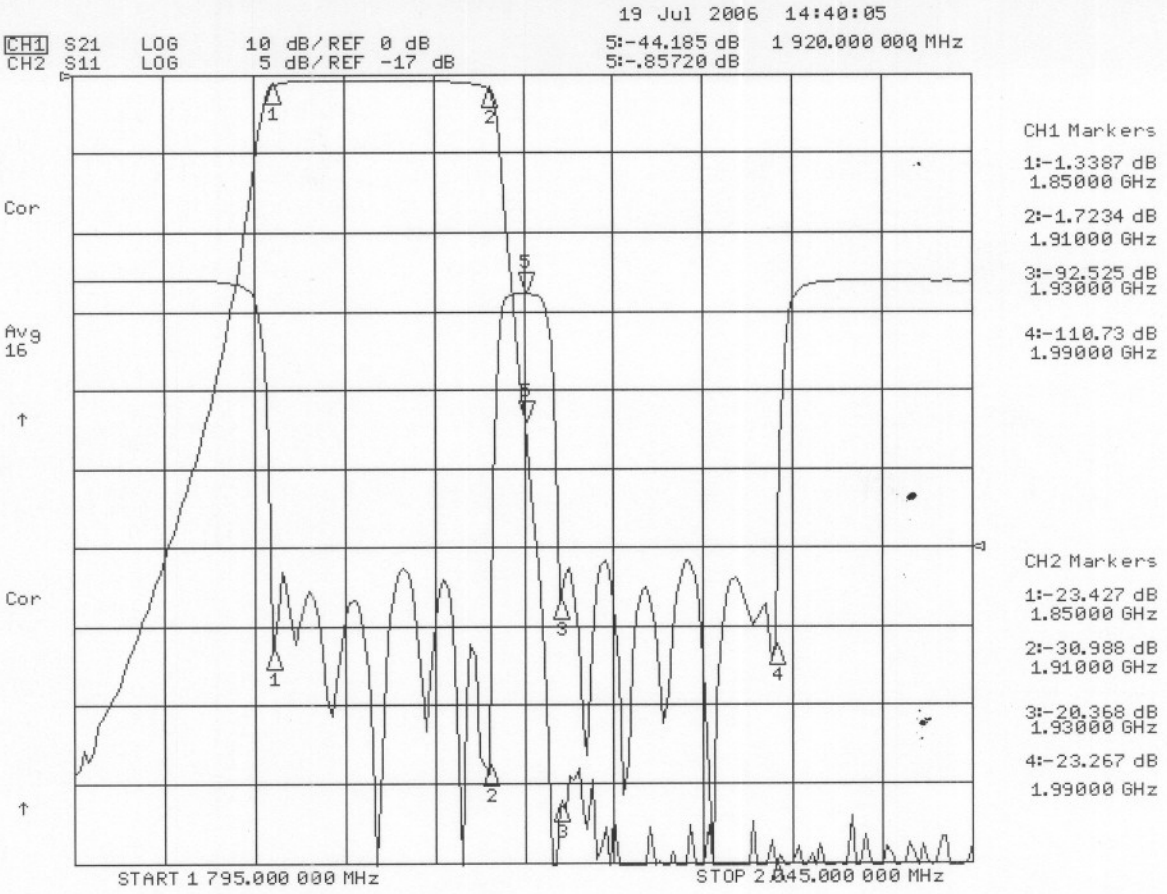
OPERATING TEMPERATURE RANGE: -20°C TO +75°C

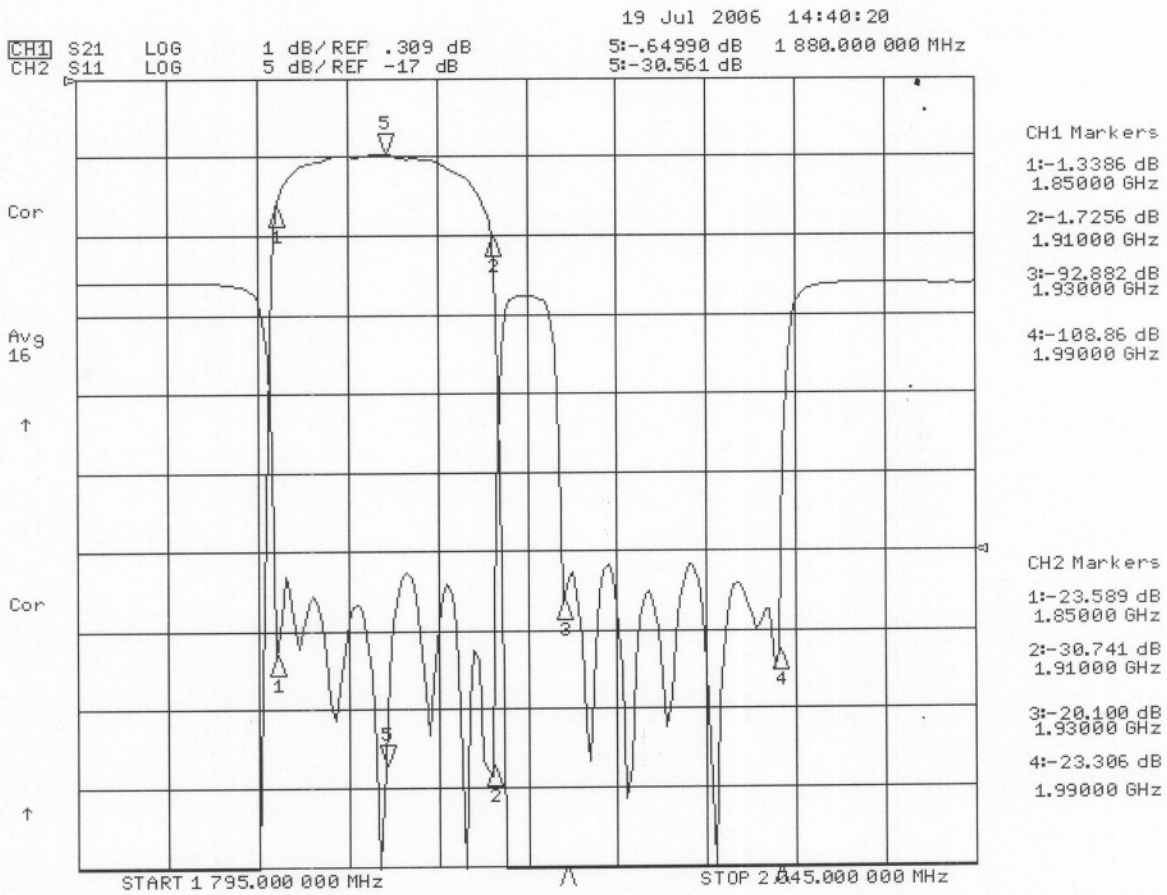
NOTES:

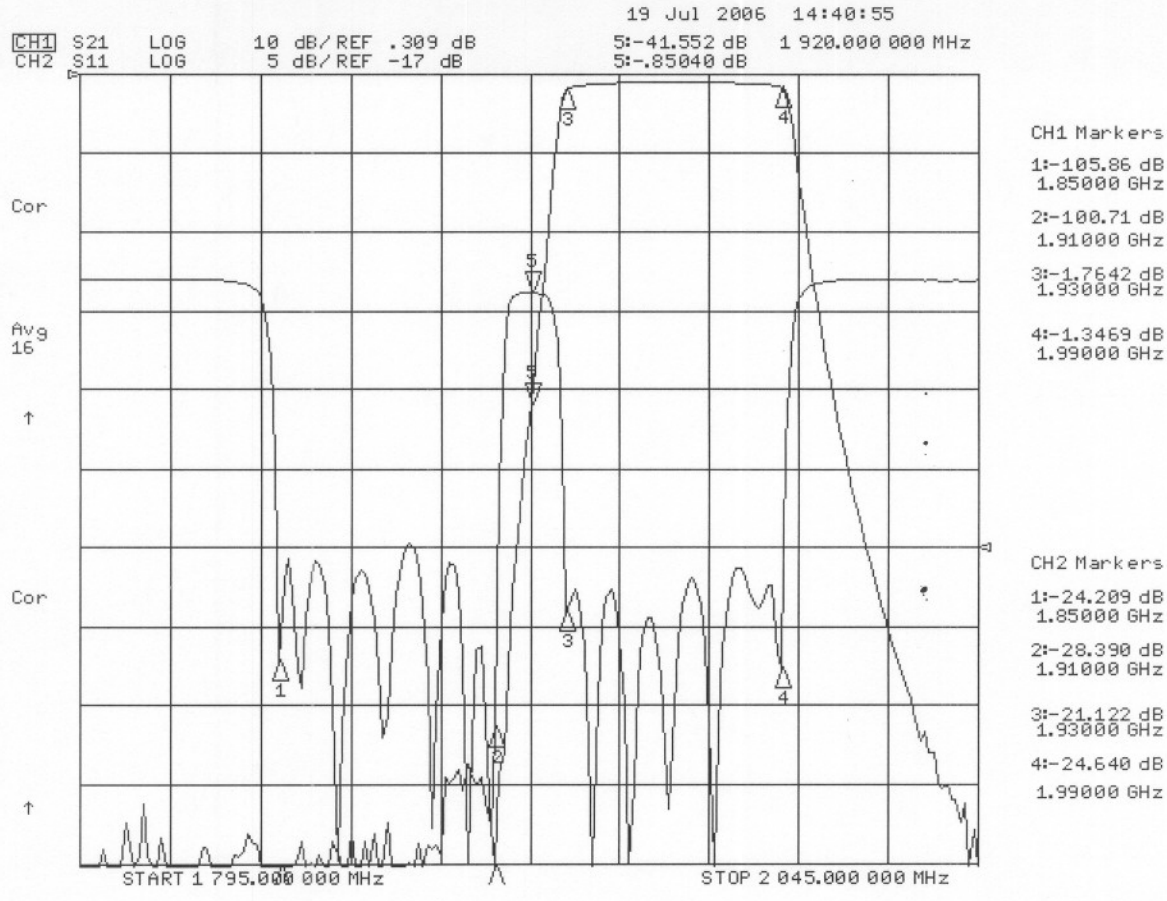
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
   EPOXY GRAY - OPTIONAL

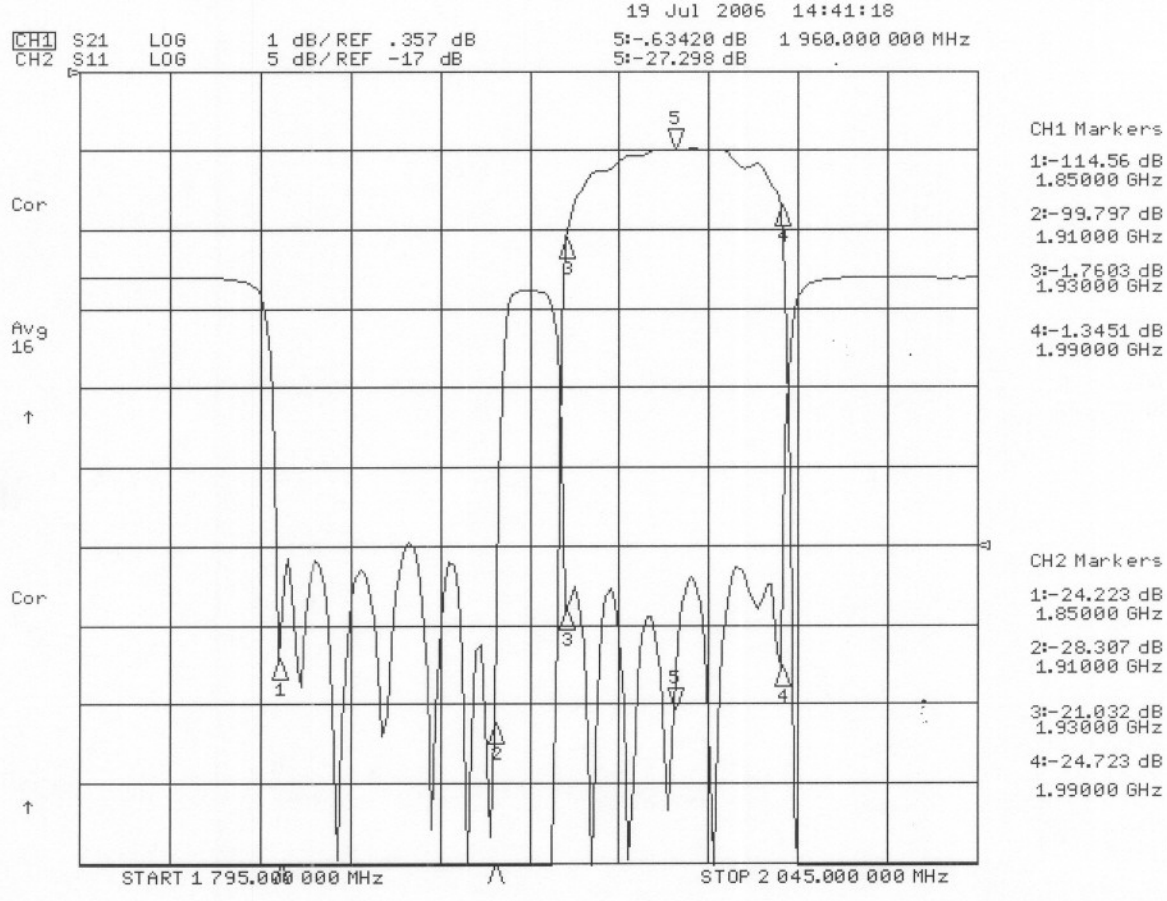
DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ANGLES ± 1° DECIMALS .X ± .05 .XX ± .01 .XXX ± .003	CONTRACT NO:		**G-Way Microwave**
	APPROVALS	DATE	TITLE Diplexer Full Band PCS CD1920/60SK-F3
TREATMENT	DRAWN Sivak	02/01	
FINISH 63	CHECKED		SIZE A | CAGE CODE 3K1H4 | DWG NO: CD1920/60SK-F3-1 | REV. 0
MATERIAL	ENG.		
	DESIGN ACTIVITY		SCALE None | SHEET 1 OF 1

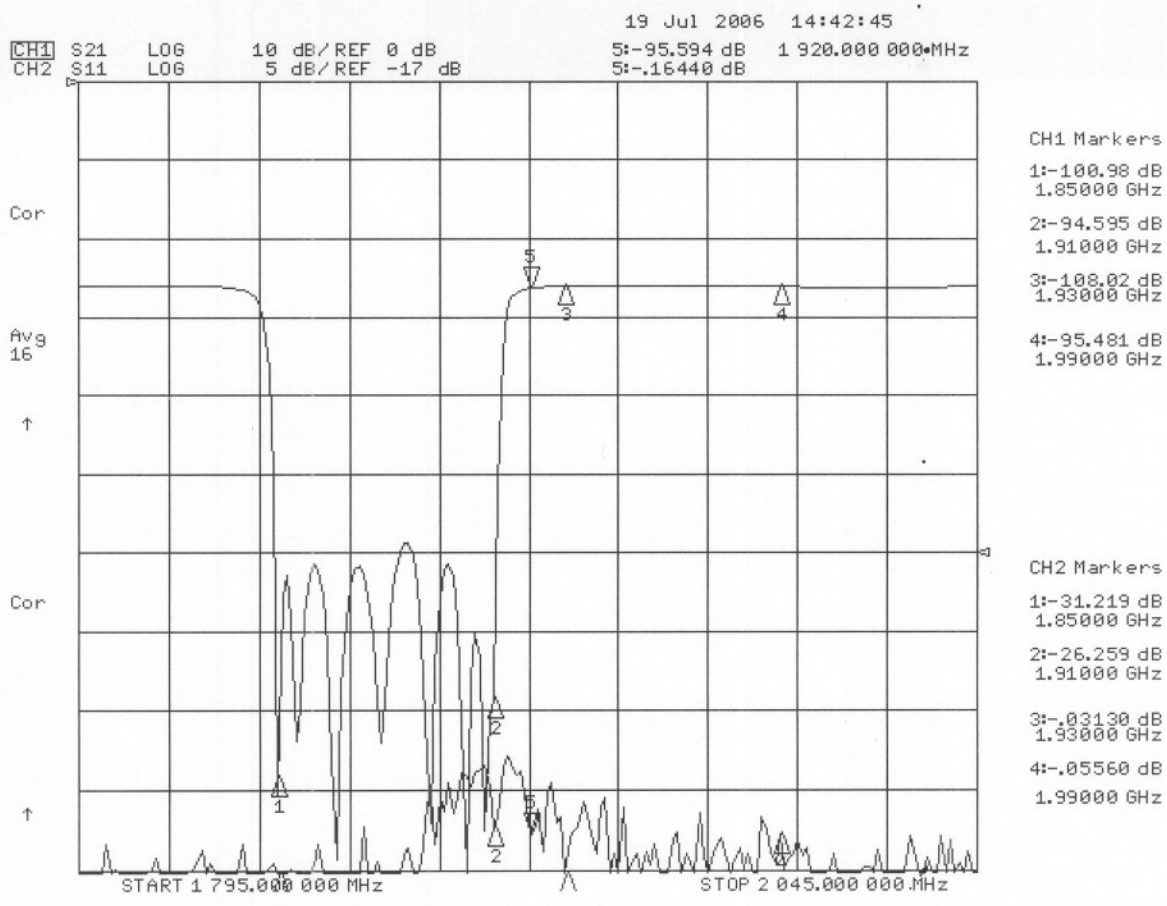
CD1920/60 SK-F REV C

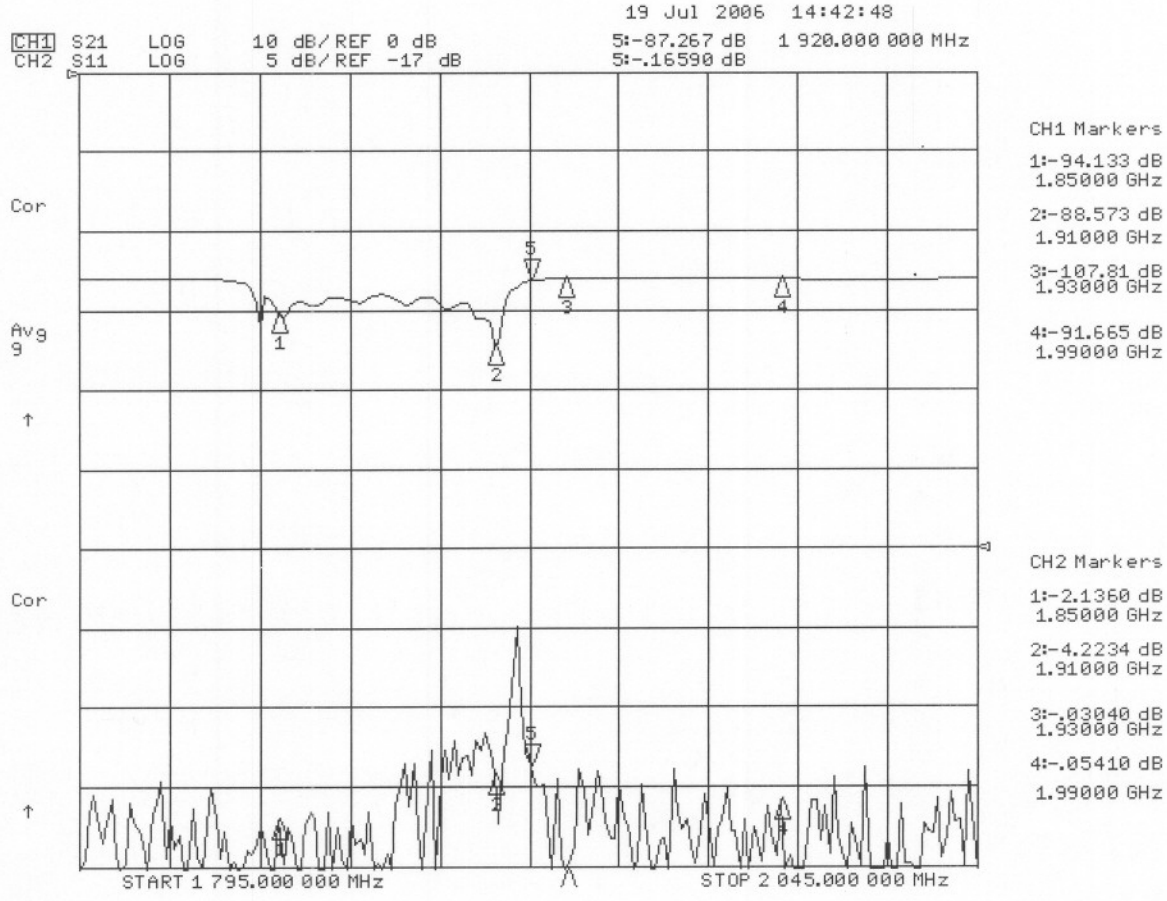





19 Jul 2006 14:40:55
CH1 S21 LOG 10 dB/ REF .309 dB
CH2 S11 LOG 5 dB/ REF -17 dB
5:-41.552 dB 1 920.000 000 MHz
5:-.85040 dB
Cor
Avg 16
Cor
START 1 795.000 000 MHz
STOP 2 045.000 000 MHz
CH1 Markers
1:-105.86 dB 1.85000 GHz
2:-100.71 dB 1.91000 GHz
3:-1.7642 dB 1.93000 GHz
4:-1.3469 dB 1.99000 GHz
CH2 Markers
1:-24.209 dB 1.85000 GHz
2:-28.390 dB 1.91000 GHz
3:-21.122 dB 1.93000 GHz
4:-24.640 dB 1.99000 GHz


19 Jul 2006 14:41:18
CH1 S21 LOG 1 dB/ REF .357 dB
CH2 S11 LOG 5 dB/ REF -17 dB
5:-.63420 dB 1 960.000 000 MHz
5:-27.298 dB
Cor
Avg 16
Cor
START 1 795.000 000 MHz
STOP 2 045.000 000 MHz
CH1 Markers
1:-114.56 dB 1.85000 GHz
2:-99.797 dB 1.91000 GHz
3:-1.7603 dB 1.93000 GHz
4:-1.3451 dB 1.99000 GHz
CH2 Markers
1:-24.223 dB 1.85000 GHz
2:-28.307 dB 1.91000 GHz
3:-21.032 dB 1.93000 GHz
4:-24.723 dB 1.99000 GHz


19 Jul 2006 14:42:45
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -17 dB
5:-95.594 dB 1 920.000 000 MHz
5:-.16440 dB
Cor
Avg 16
Cor
START 1 795.000 000 MHz
STOP 2 045.000 000 MHz
CH1 Markers
1:-100.98 dB 1.85000 GHz
2:-94.595 dB 1.91000 GHz
3:-108.02 dB 1.93000 GHz
4:-95.481 dB 1.99000 GHz
CH2 Markers
1:-31.219 dB 1.85000 GHz
2:-26.259 dB 1.91000 GHz
3:-.03130 dB 1.93000 GHz
4:-.05560 dB 1.99000 GHz


19 Jul 2006 14:42:48
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -17 dB
5:-87.267 dB 1 920.000 000 MHz
5:-.16590 dB
Cor
Avg 9
Cor
START 1 795.000 000 MHz
STOP 2 045.000 000 MHz
CH1 Markers
1:-94.133 dB 1.85000 GHz
2:-88.573 dB 1.91000 GHz
3:-107.81 dB 1.93000 GHz
4:-91.665 dB 1.99000 GHz
CH2 Markers
1:-2.1360 dB 1.85000 GHz
2:-4.2234 dB 1.91000 GHz
3:-.03040 dB 1.93000 GHz
4:-.05410 dB 1.99000 GHz