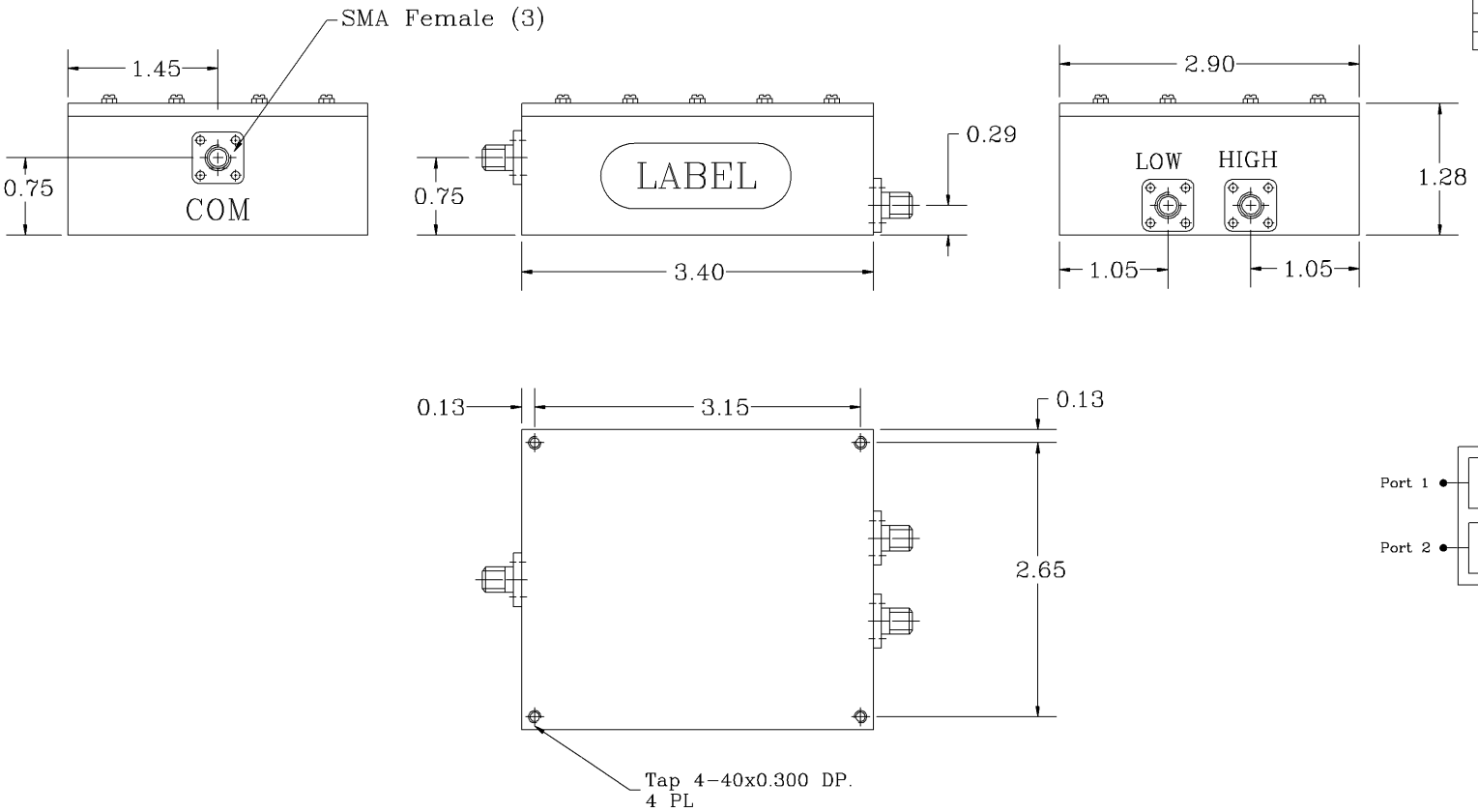
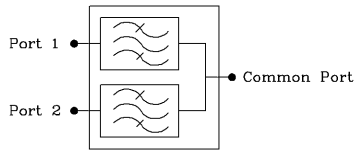
REVISIONS			
REV		DATE	APPROVED





Electrical Specifications

*Low 1.5dB Pass Band Range [MHz]	: 1850 to 1910
*High 1.5dB Pass Band Range [MHz]	: 1930 to 1990
*Pass Band Insertion Loss @ Fo [dB]	: <1.5, 1.3 Typ.
*Pass Band Ripple [dB]	: < 0.5 P-T-P
*Low Attenuation @ 1930 to 1990 MHz [dBc]	: 68 (Min.), 70 (Typ.)
*High Attenuation @ 1850 to 1910 MHz [dBc]	: 68 (Min.), 70 (Typ.)
*Isolation between filters [dB]	: 68 (Min.), 70 (Typ.)
*Pass Band Return Loss [dB]	: -17 (Max.), <1.32:1
*Input/Output Impedance	: 50 ohm
*RF Power Capability CW	: 8 Watts

*Input/Output @ DC Ground Potential

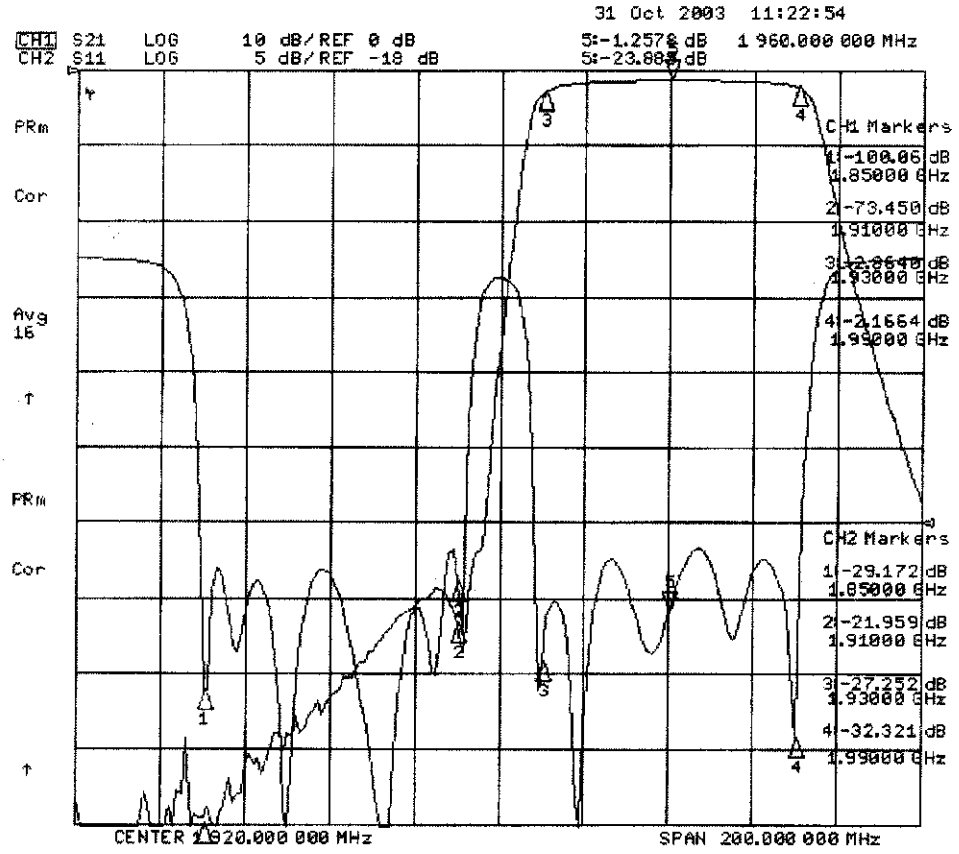
OPERATING TEMPERATURE RANGE: -20°C TO +65°C

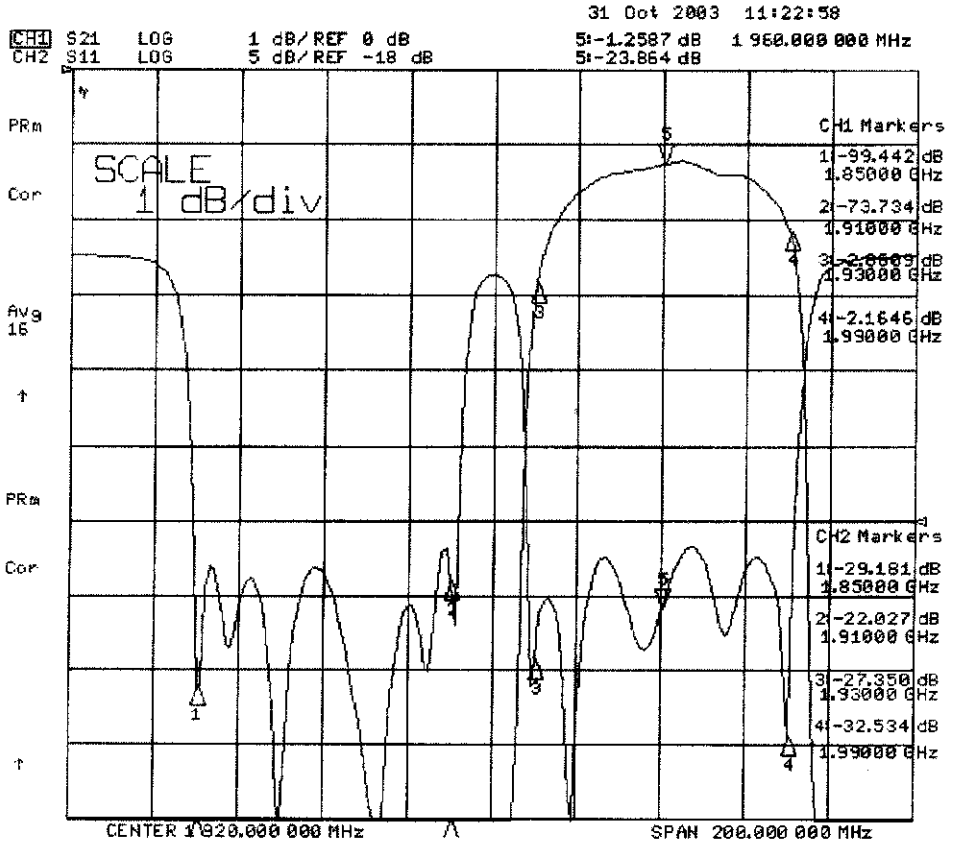
NOTES:

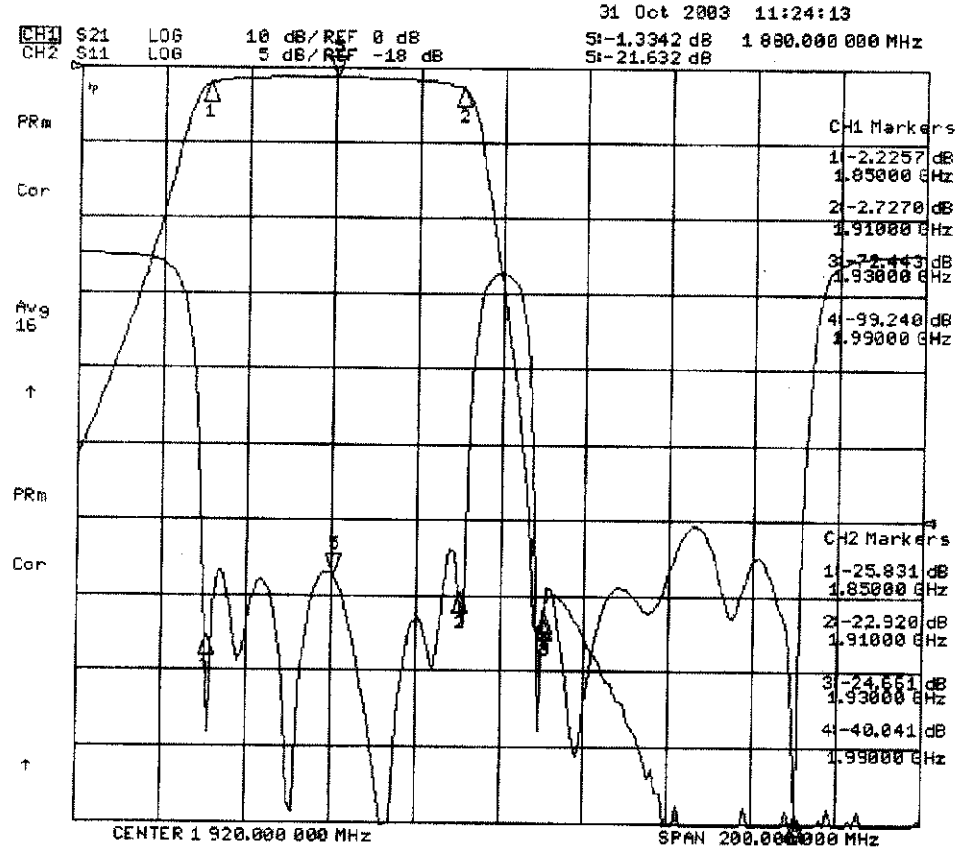
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
   EPOXY GRAY - OPTIONAL

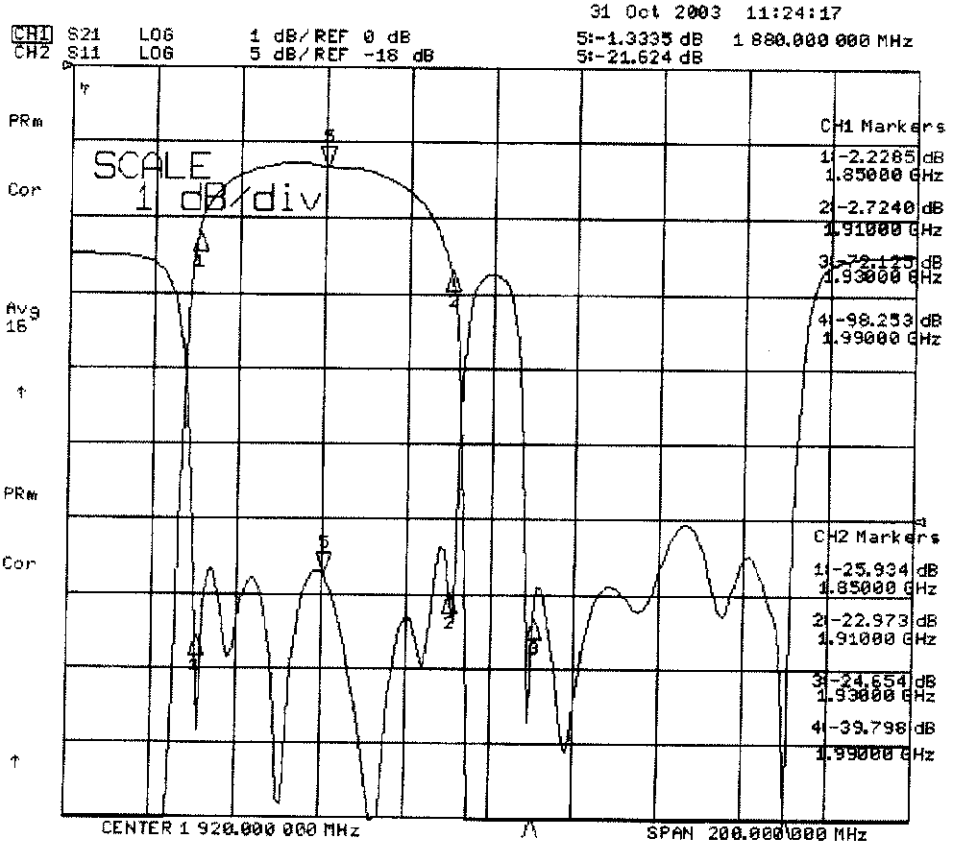
DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ANGLES ± 1° DECIMALS .X ± .05 .XX ± .01 .XXX ± .003	CONTRACT NO:		**G-Way Microwave**
	APPROVALS	DATE	TITLE: Diplexer PCS Full Band CD1920/600K-B5
TREATMENT	DRAWN Sivak	01/11	
FINISH 63	CHECKED		SIZE A | CAGE CODE 3K1H4 | DWG NO: CD1920/600K-B5-1 | REV. 0
MATERIAL	ENG.		SCALE None | SHEET 1 OF 1
	DESIGN ACTIVITY		

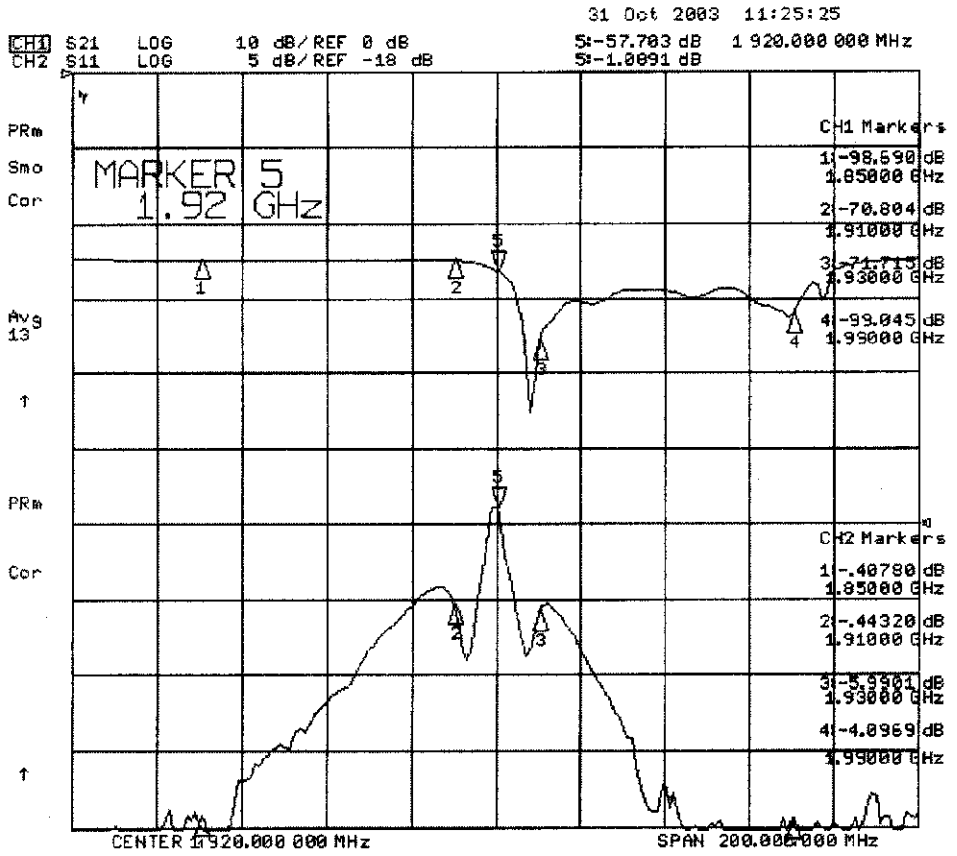
CD1920/600K-B5

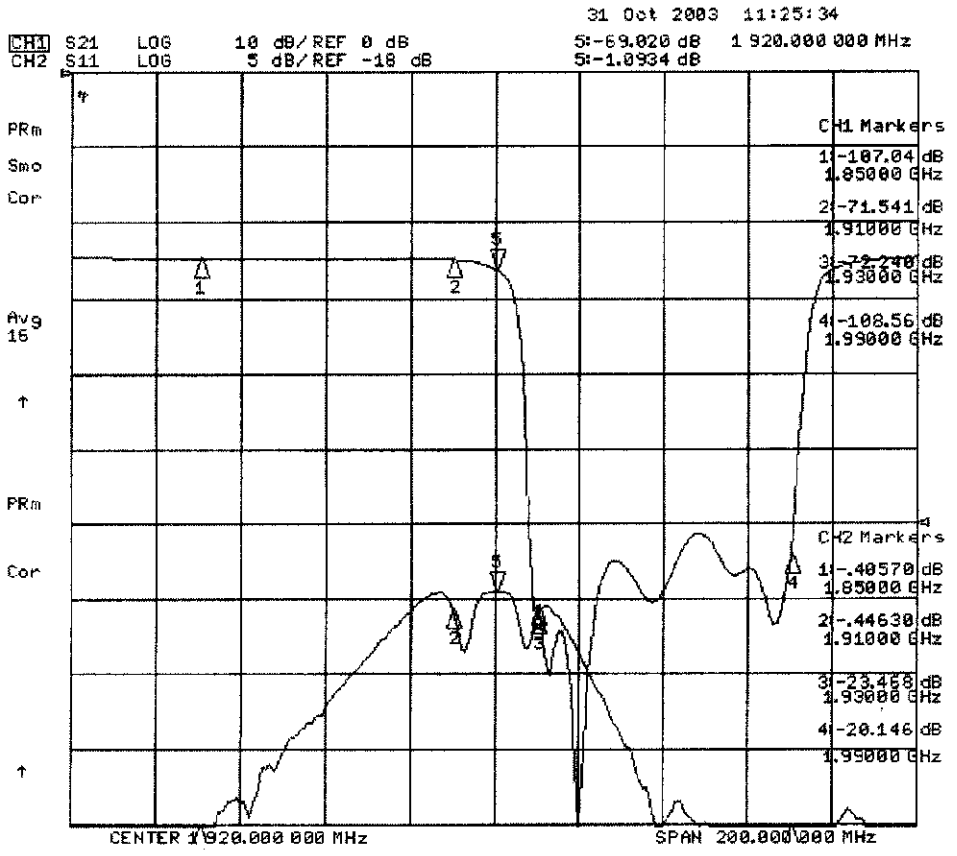





31 Oct 2003 11:24:13
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -18 dB
S:-1.3342 dB 1 880.000 000 MHz
S:-21.632 dB
PRm
Cor
Avg 16
CH1 Markers
1 -2.2257 dB 1.85000 GHz
2 -2.7270 dB 1.91000 GHz
3 -24.443 dB 1.93000 GHz
4 -99.240 dB 1.99000 GHz
CH2 Markers
1 -25.831 dB 1.85000 GHz
2 -22.920 dB 1.91000 GHz
3 -24.661 dB 1.93000 GHz
4 -40.041 dB 1.99000 GHz
CENTER 1 920.000 000 MHz
SPAN 200.000 000 MHz


31 Oct 2003 11:24:17
CH1 S21 LOG 1 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -18 dB
S:-1.3335 dB 1 880.000 000 MHz
S:-21.624 dB
PRm
Cor
SCALE 1 dB/div
Avg 16
CH1 Markers
1 -2.2285 dB 1.85000 GHz
2 -2.7240 dB 1.91000 GHz
3 -24.423 dB 1.93000 GHz
4 -98.253 dB 1.99000 GHz
CH2 Markers
1 -25.934 dB 1.85000 GHz
2 -22.973 dB 1.91000 GHz
3 -24.654 dB 1.93000 GHz
4 -39.798 dB 1.99000 GHz
CENTER 1 920.000 000 MHz
SPAN 200.000 000 MHz


31 Oct 2003 11:25:25
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -18 dB
S:-57.703 dB 1 920.000 000 MHz
S:-1.0891 dB
PRm
Smo
Cor
MARKER 5
1.92 GHz
CH1 Markers
1:-98.590 dB
1.85000 GHz
2:-70.804 dB
1.91000 GHz
3:-71.715 dB
1.93000 GHz
4:-99.045 dB
1.99000 GHz
Avg
13
PRm
Cor
CH2 Markers
1:-.40780 dB
1.85000 GHz
2:-.44320 dB
1.91000 GHz
3:-5.9501 dB
1.93000 GHz
4:-4.0969 dB
1.99000 GHz
CENTER 1 920.000 000 MHz
SPAN 200.000 000 MHz


31 Oct 2003 11:25:34
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -18 dB
S:-69.020 dB 1 920.000 000 MHz
S:-1.0934 dB
PRm
Smo
Cor
CH1 Markers
1:-107.04 dB
1.85000 GHz
2:-71.541 dB
1.91000 GHz
3:-73.240 dB
1.93000 GHz
4:-108.56 dB
1.99000 GHz
Avg
15
PRm
Cor
CH2 Markers
1:-.40570 dB
1.85000 GHz
2:-.44630 dB
1.91000 GHz
3:-23.458 dB
1.93000 GHz
4:-20.146 dB
1.99000 GHz
CENTER 1 920.000 000 MHz
SPAN 200.000 000 MHz