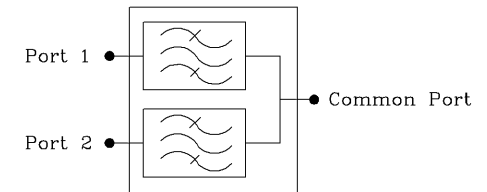
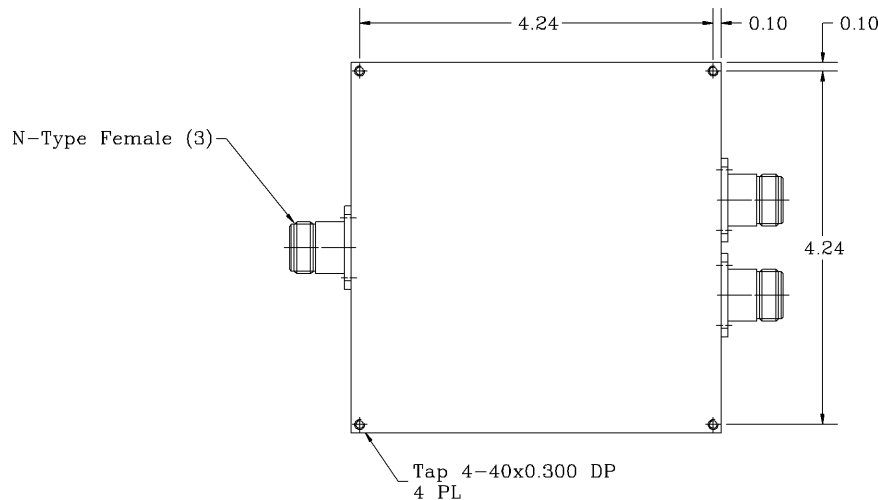


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low 1dB Pass Band Range [MHz] : 880 to 915
- *High 1dB Pass Band Range [MHz] : 925 to 960
- *Pass Band Insertion Loss @ Fo [dB] : <0.7, 0.6 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Attenuation @ 925 to 960 MHz [dBc] : 60 (Min.), 62 (Typ.)
@ 920 MHz [dBc] : 30 (Min.), 32 (Typ.)
- *High Attenuation @ 880 to 915 MHz [dBc] : 60 (Min.), 65 (Typ.)
@ 920 MHz [dBc] : 30 (Min.), 32 (Typ.)
- *Isolation between Filters [dB] : 60 (Min.), 62 (Typ.)
- *Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- *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 +65°C

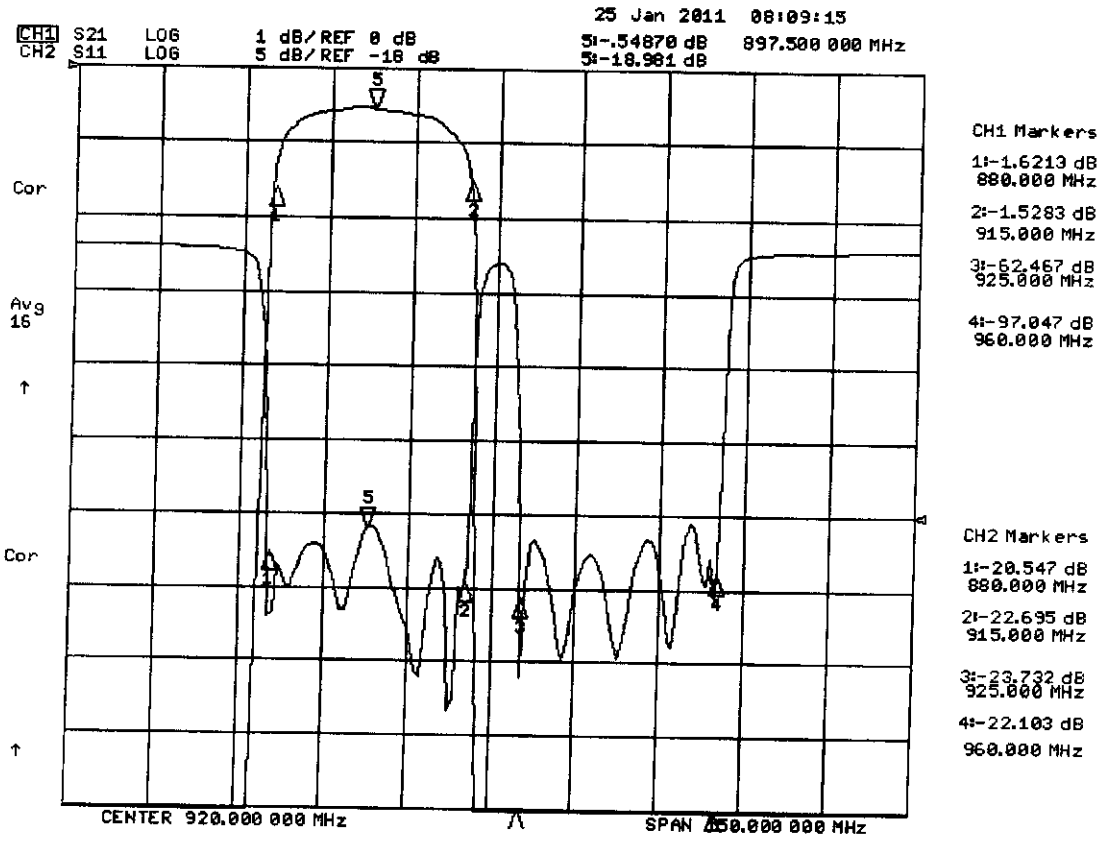
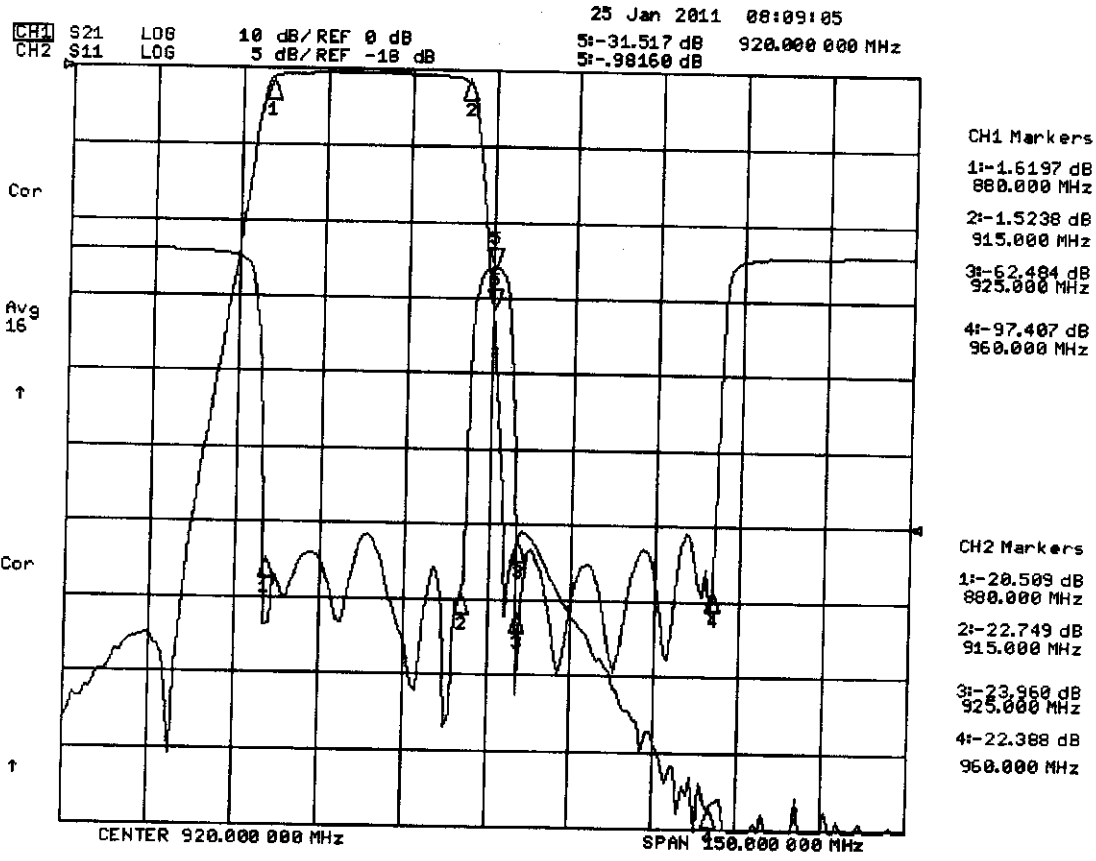
PROPRIETARY DOCUMENT:
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NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES DECIMALS ± 1" X ± .05 XX ± .01 .XXX ± .003		CONTRACT NO:		G-Way Microwave	
TREATMENT		APPROVALS	DATE		
FINISH 63/		ENG.	DESIGN ACTIVITY	Diplexer EGSM Full Band CD920/35MK-B3	
MATERIAL		CHECKED		SIZE	REV.
				A	0
				CAGE CODE	DWG NO:
				3K1H4	CD920/35MK-B3-1
				SCALE	SHEET
				None	1 OF 1

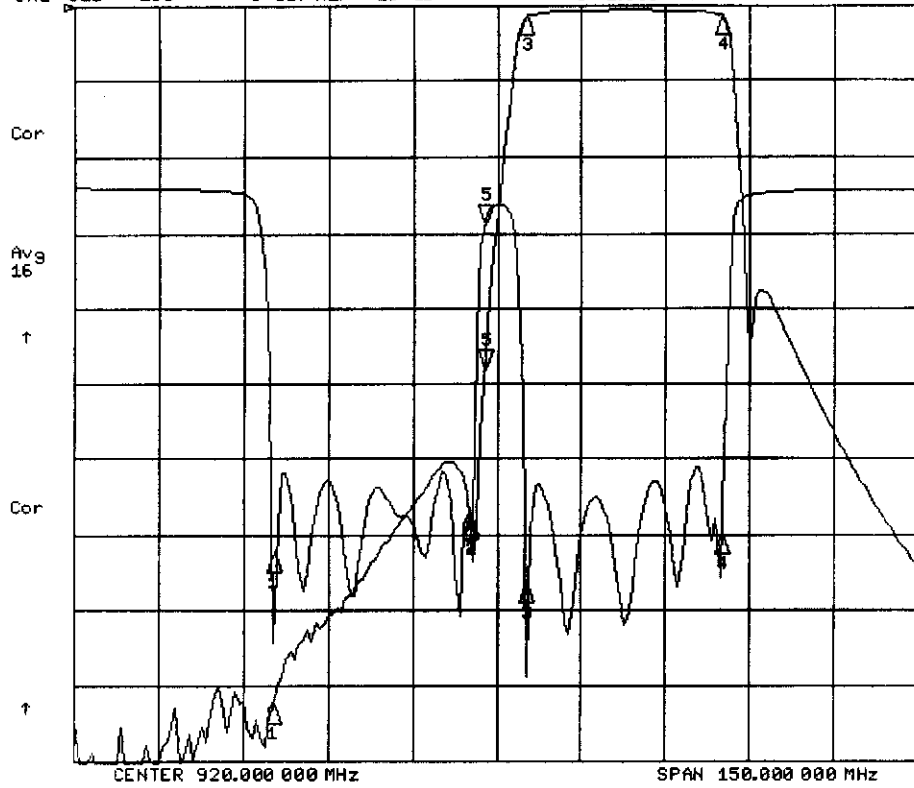
CD 920/35MK-B3



24 Jan 2011 13:49:43

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -18 dB

5f-48.132 dB 917.600 000 MHz
5f-2.3884 dB



CH1 Markers

- 1f-92.716 dB 880.000 MHz
- 2f-67.518 dB 915.000 MHz
- 3f-1.5703 dB 925.000 MHz
- 4f-1.5504 dB 960.000 MHz

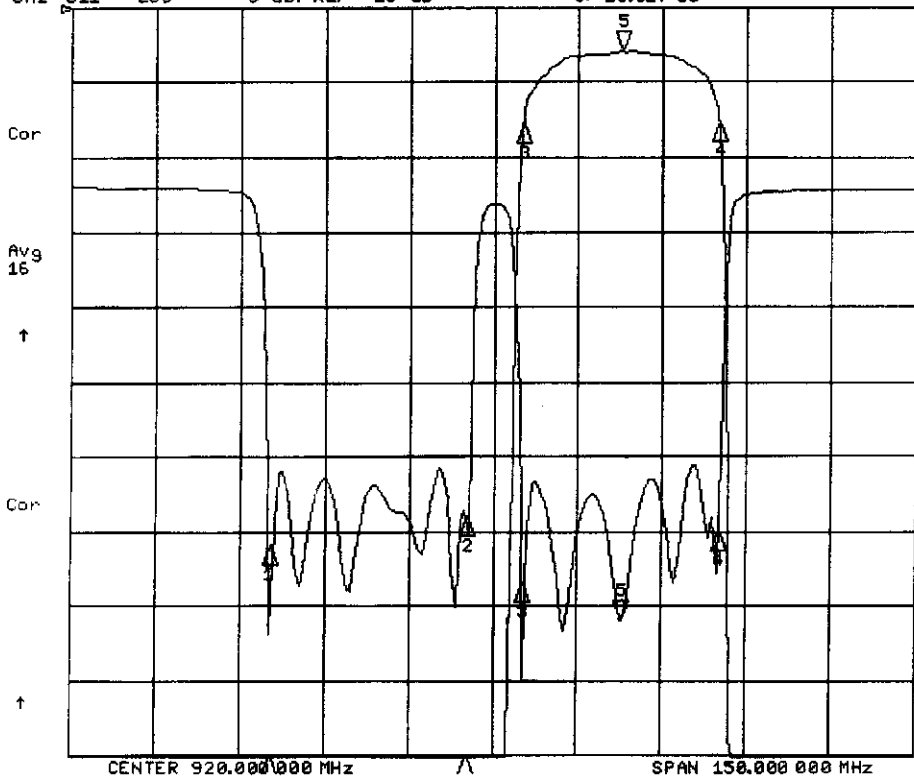
CH2 Markers

- 1f-24.268 dB 880.000 MHz
- 2f-22.044 dB 915.000 MHz
- 3f-26.295 dB 925.000 MHz
- 4f-23.018 dB 960.000 MHz

24 Jan 2011 13:50:00

CH1 S21 LOG 1 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -18 dB

5f-59310 dB 942.500 000 MHz
5f-28.927 dB



CH1 Markers

- 1f-89.525 dB 880.000 MHz
- 2f-67.382 dB 915.000 MHz
- 3f-1.5729 dB 925.000 MHz
- 4f-1.5524 dB 960.000 MHz

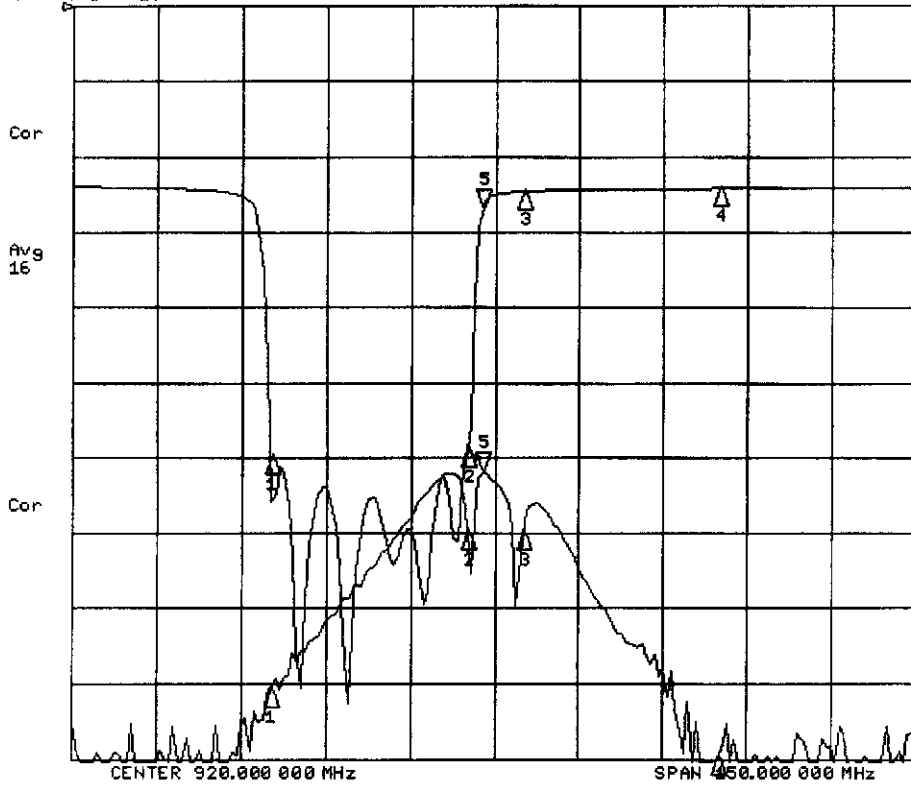
CH2 Markers

- 1f-24.011 dB 880.000 MHz
- 2f-22.047 dB 915.000 MHz
- 3f-26.519 dB 925.000 MHz
- 4f-23.065 dB 960.000 MHz

24 Jan 2011 13:48:45

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -18 dB

5:-61.938 dB 917.600 000 MHz
5:-1.5096 dB



CH1 Markers

- 1:-90.766 dB 880.000 MHz
- 2:-69.652 dB 915.000 MHz
- 3:-69.703 dB 925.000 MHz
- 4:-99.615 dB 960.000 MHz

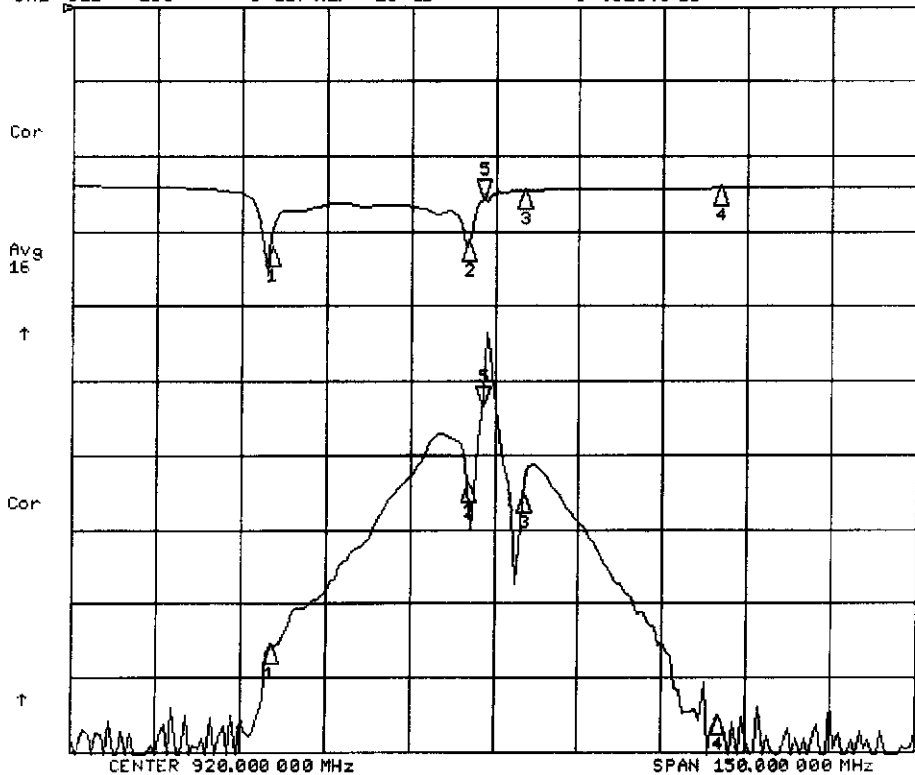
CH2 Markers

- 1:-17.868 dB 880.000 MHz
- 2:-17.390 dB 915.000 MHz
- 3:-28.220 dB 925.000 MHz
- 4:-0.9290 dB 960.000 MHz

24 Jan 2011 13:48:53

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -18 dB

5:-53.355 dB 917.600 000 MHz
5:-.92640 dB



CH1 Markers

- 1:-85.736 dB 880.000 MHz
- 2:-63.904 dB 915.000 MHz
- 3:-65.221 dB 925.000 MHz
- 4:-95.209 dB 960.000 MHz

CH2 Markers

- 1:-4.0838 dB 880.000 MHz
- 2:-3.7449 dB 915.000 MHz
- 3:-28.150 dB 925.000 MHz
- 4:-0.9280 dB 960.000 MHz