

November 12, 2003

Curtis-Straus LLC
527 Great Road
Littleton, MA 01460**Attention:** Barry Quinlan**Certification of Single Channel Power Amplifier Family**

Daniels Electronics Ltd. is seeking certification for its AMP-3/150 Family of VHF FM 30 Watt Single Channel RF Power Amplifiers. This family covers the LMR VHF frequency band of 136 MHz to 174 MHz in two models:

1. AMP-3/140-30 VHF 30 Watt Power Amplifier (136 - 150 MHz sub-band); and
2. AMP-3/160-30 VHF 30 Watt Power Amplifier (150 - 174 MHz sub-band);

The two models within this family correspond to the sub-bands of the LMR VHF frequency band in the USA and Canada. The two models are electrically identical, utilizing identical controller and RF sub-modules. The models differ from each other by a limited number of frequency-select discrete components that optimize RF output coupling for the particular sub-band of interest. A summary of these frequency-select components follows:

Frequency-select Component	Model	
	AMP-3/140-30 (136 - 150MHz)	AMP-3/160-30 (150 - 174MHz)
C6	150pF	120pF
C7	150pF	120pF
C8	150pF	68pF
C9	100pF	68pF
C11	10pF	Not Installed
C48	5.6nF	Not Installed
L5	4 Turns	3 Turns
L6	4 Turns	3 Turns
L7	4 Turns	3 Turns
L8	4 Turns	3 Turns
R33	221R	Not Installed

For reasons of economy, test report results for the AMP-3/160-30 model have been chosen as representative of the AMP-3/150 Family of VHF FM Power Amplifiers, since electrical performance of both models is identical.

Dated this **12th** day of **November, 2003**

By:



Ron Backlund, MEng
Manager, Projects & Regulatory Strategy
Daniels Electronics Ltd.
43 Erie Street
Victoria, BC, Canada V8V 1P8

Phone: (250) 382-8268 or (800) 664-4066
Fax: (250) 382-6139 or (877) 750-0004
E-mail: Ron.Backlund@danelec.com