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January 29, 1999

Federal Communications Commission  
 Equipment Authorization Branch  
 7435 Oakland Mills Road  
 Columbia, Maryland  
 21046 USA

Attention: Mr. Frank Coperich

Dear Mr. Coperich: Our File Ref. 8R01211

FCC ID: H4JVT-3-150-SW08

Confirmation no.: EA92663

Enclosed, please find data to support the addition of Emission Designator 14K7F1D. This emission designator is achieved by using 3200 Baud Flex Modulation. Please add this emission designator to the grant.

If you require additional administrative information, please do not hesitate to contact me at 1-800-563-6336 (extension 230). If you require additional technical information, please contact Mr. Thomas N. Tidwell at same (extension 222). Thank you in advance for your assistance in this matter.

Sincerely,

*Ruby Dulmage*

Ruby Dulmage  
 Administrative Clerk  
 KTL Ottawa

FCC LABORATORY  
 Encl.  
 FEB 2 5 15 1999

**KTL Test Report:**

8R01211

**Applicant:**

Daniels Electronics Ltd.  
43 Erie Street  
Victoria, B.C.  
V8V 1P8

**Equipment Under Test:**  
(E.U.T.)

VT-3/140-SW08 And VT-3/160-SW08

**FCC ID:**

H4JVT-3-150-SW08

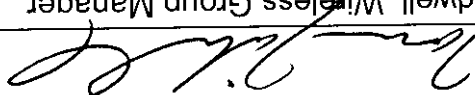
**In Accordance With:**

**FCC Part 90, Subpart I**  
Private Land Mobile Transmitter

**Tested By:**

KTL Ottawa Inc.  
3325 River Road, R.R. 5  
Ottawa, Ontario K1V 1H2

**Authorized By:**

  
Tom Tidwell, Wireless Group Manager

**Date:**

29 JAN. 1999

**Total Number of Pages:**

5

**KTL Ottawa**

FCC PART 90, SUBPART I  
PRIVATE LAND MOBILE TRANSMITTER  
PROJECT NO.: 8R01211

*EQUIPMENT: VT-3/140-SW08 And VT-3/160-SW08  
FCC ID: H4JVT-3-150-SW08*

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**Section 1. Summary Of Test Results**

Manufacturer: Daniels Electronics Ltd.

Model No.: VT-3/140-SW08 And VT-3/160-SW08

Serial No.: 12353

General: All measurements are traceable to national standards.

These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with FCC Part 90, Subpart I.

New Submission  Production Unit

Class II Permissive Change  Pre-Production Unit

Equipment Code 

T	N	B
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THIS TEST REPORT RELATES ONLY TO THE ITEM(S) TESTED.

THE FOLLOWING DEVIATIONS FROM, ADDITIONS TO, OR EXCLUSIONS FROM THE TEST SPECIFICATIONS HAVE BEEN MADE. None



NVLAP LAB CODE: 100351-0

TESTED BY: Russell Grant

DATE: Jun 29, 95

Russell Grant, Technologist

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This report applies only to the items tested.

FCC PART 90, SUBPART I  
PRIVATE LAND MOBILE TRANSMITTER  
PROJECT NO.: 8R01211

EQUIPMENT: VT-3/140-SW08 And VT-3/160-SW08  
FCC ID: H4JVT-3-150-SW08

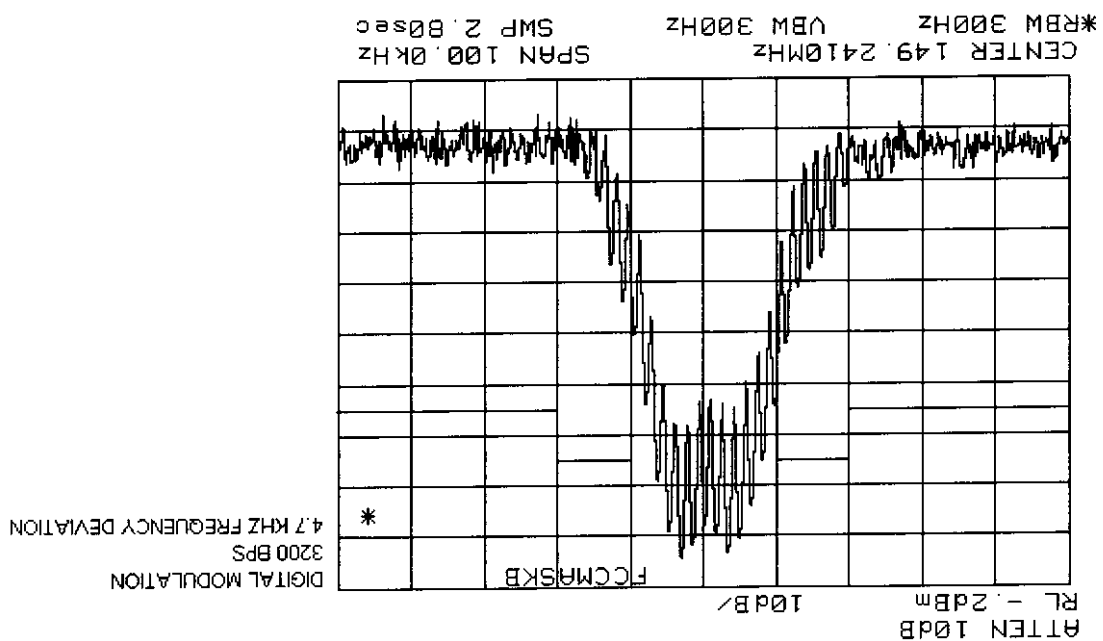
**KTL Ottawa**

**Remarks**

This is a supplementary engineering test report on the VT-3/140-SW08 And VT-3/160-SW08. Occupied Bandwidth was measured in order to add 3200 bps digital modulation. No circuit changes were made. We request an additional emissions designator 14K7F1D. This was derived from:  $B_n = 2M + 2DK$

Where  $M = B/2$   
 $B$  = Modulation rate in bands (3200)  
 $D$  = Peak Frequency Deviation (4800)  
 $K = 1.2$   
 $B_n = 2x \frac{3200}{2} + 2 x 4800 x 1.2$   
= 14,720 KHz

Reference FCC ID No.: H4JVT-3-150-SW08.



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