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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
FEB 2

Encl.

FCC LABORATORY

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

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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

T	N	B

Equipment Code

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

NVLAP LAB CODE: 100351-0

TESTED BY: Russell Grant DATE: Jan 29, 95

Russell Grant, Technologist

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: Bn = 2M + 2DK

Where M = B/2

B = Modulation rate in bands (3200)

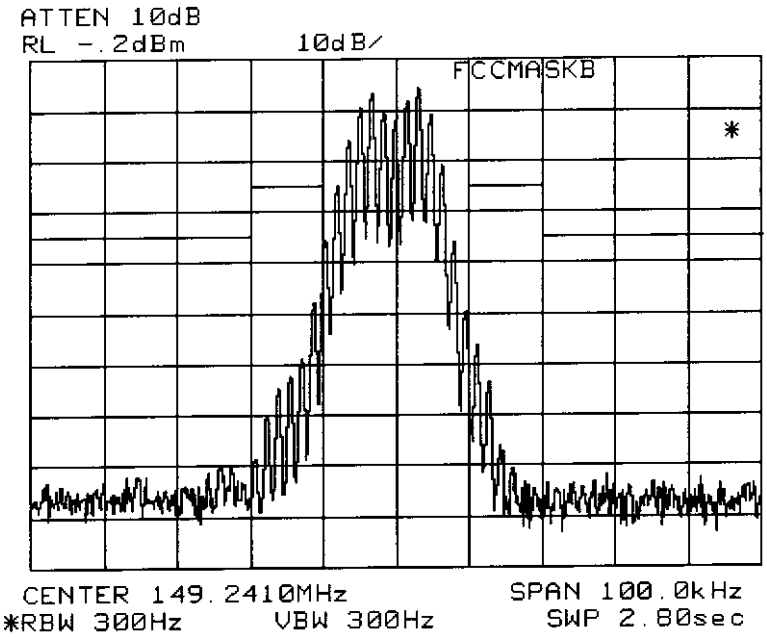
D = Peak Frequency Deviation (4800)

K = 1.2

$$Bn = 2x\frac{3200}{2} + 2 \times 4800 \times 1.2$$

= 14.720 kHz

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



DIGITAL MODULATION
3200 BPS
4.7 KHZ FREQUENCY DEVIATION