



## **APPLICATION FOR EQUIPMENT AUTHORIZATION**

Part 90 Certification  
DTC Communications, Inc. Model T2350  
1 Watt Digital Body Wire Transmitter

Under  
**FCC ID: H25T2350**

As a  
Licensed Non-Broadcast Station Transmitter  
(Surveillance Transmitter for Law Enforcement)  
Title 47 of the CFR, Part 90.210

REPORT DATE  
March 22, 2005

### **Testing and Preparation by:**

DTC Communications, Inc.  
486 Amherst St.  
Nashua, NH 03063

### **Testing Laboratories:**

Celltech Labs Inc.  
1955 Moss Court  
Kelowna, BC V1Y 9L3

RETLIF Testing Laboratories  
101 New Boston Road  
Goffstown, NH 03045

## INFORMATION REQUIRED UNDER TITLE 47 PART 2

2.1033(a) This Application for Certification is Filed on Form 731 with all questions answered. Confidentiality is being requested for the Schematic Diagrams, Active Parts List, Block Diagrams, and Functional Description. The Application fee of \$545.00 and the Request for Confidentiality fee of \$155.00 will be sent upon initial successful electronic upload of all application materials.

2.1033(b) N/A

2.10339(c)(1) The full name and address of the applicant and manufacturer for certification is:

DTC Communications, Inc.  
486 Amherst St.  
Nashua, NH 03063

(2) The FCC Identifier of the device is H25T2350

(3) A copy of the operating instructions is included in the EXHIBITS

(4) Emission: NBFM Voice – Designator: 11K0F3E  
WBFM Voice – Designator: 16K0F3E  
FSK Voice (digital modulation) – Designator: 10K0F1E  
Emissions Calculations are included in the EXHIBITS

(5) Frequency Range: 150 – 174 MHz

(6) Power: 1 Watt at 9.0 VDC and 235 mA

(7) Maximum Power Rating of 1.0 Watt

(8) All stages are powered by a 3.3 VDC LDO regulator except for the final PA which is connected to the battery source.

(9) There is no Field Tune-up Procedure, therefore it is not included in the EXHIBITS.

(10) The Schematic Diagrams are included in the EXHIBITS.

(11) A drawing and photo of the FCC ID label is included in the EXHIBITS.

(12) Photographs of the equipment and it's internal components are included in the EXHIBITS.

(13) N/A

(14) Test Data as required by (46)§(47) 2.1046 through 2.1057, inclusive, is measured in accordance with the procedure established in (48)§ 2.1041.

(15) N/A

(16) N/A



**DTC COMMUNICATIONS, INC.**

486 AMHERST STREET ▲ NASHUA, NEW HAMPSHIRE 03063 ▲ USA ▲ (T) 603.880.4411 ▲ (F) 603.880.6965

March 22, 2005

Federal Communications Commission  
Office of Engineering and Technology  
7435 Oakland Mills Road  
Columbia, MD 21046

Dear Sir,

DTC Communications, Inc., respectfully request that the schematic diagrams, block diagram, active parts list, and functional description submitted with the application for Certification under FCC ID: H25T2350 be withheld from public disclosure. This request is made under the provisions of Section 0.457 (d) of the Commission's rules and Section 0.552 (b) (4) of the Freedom of Information Act.

Disclosure of this design information would place DTC Communications, Inc., at a competitive disadvantage. Thank you for your attention to this matter.

Regards,  
Ronald R. Young  
V.P. of Engineering