



APPLICATION FOR EQUIPMENT AUTHORIZATION

Part 90 Certification
DTC Communications, Inc. Model PD2-TX-100-S
Palladium-2 Digital COFDM
0.11 W Portable Video Transmitter

Under

FCC ID: H25PD2TX100S

As a

Licensed Non-Broadcast-Station Transmitter

REPORT DATE
November 13, 2008

Testing and Preparation by:

DTC Communications, Inc.
486 Amherst Street
Nashua, New Hampshire 03063

Testing Laboratories:

RETLIF Testing Laboratories
101 New Boston Road
Goffstown, New Hampshire 03045

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November 13, 2008

STATEMENT OF NORV STAPELFELD
In Regard To
APPLICATION FOR PART 90 CERTIFICATION
For
DTC Communications, Inc.
Non-Broadcast Transmitter

FCC ID: H25PD2TX100S

I am an Engineer and an employee of DTC Communications, Inc., located in Nashua, New Hampshire. I have performed certification testing and prepared submissions for other intentional radiators under FCC parts 15 and 90.

All of the measurements contained in this report were performed by me or under my supervision, and I attest to the accuracy of each. I submit that, to the best of my knowledge, the test sample meets the technical standards set forth in the Commission's Rules and Regulations under Title 47 of the CFR, Part 90.

Sincerely,

Norval D. Stapelfeld

Norv Stapelfeld

INFORMATION REQUIRED UNDER TITLE 47 PART 2

2.1033(a)

This Application for Certification is filed on Form 731 with all questions answered. Standard Confidentiality is being requested for the Schematic Diagrams, Active Parts List, Block Diagrams, and Functional Description.

2.1033(b) N/A

2.1033(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 **H25PD2TX100S**

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

(6) Emission:

(7) COFDM (DOMO-N) 1.25 MHz BW - Designator: **1M3W7D**

COFDM (DOMO-W) 2.50 MHz BW - Designator: **2M4W7D**

COFDM (DVB-T) 6.0 MHz BW - Designator: **5M9W7D**

COFDM (DVB-T) 7.0 MHz BW - Designator: **6M9W7D**

COFDM (DVB-T) 8.0 MHz BW - Designator: **7M9W7D**

Note that Emissions Calculations are included in the EXHIBITS

(5) Frequency Range: 2450.00 - 2483.52 MHz

(6) Power:

0.11 Watt

(7) Maximum Power Rating of 0.11 Watt

(8) A switching power converter powers all stages.

(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 showing internal components are included in the EXHIBITS.

(13) A description of the digital modulation system is included in the EXHIBITS.

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

(15) N/A

(16) N/A

(17) Exclusive of delineated test equipment, no peripheral or accessory devices were connected to the Test Sample (DUT/UUT) in order to facilitate operation or test. Detailed connection diagrams along with specific test equipment descriptions are given in the appropriate sections of the test report.

(18)

(a) No means is provided to allow a user to install software.

(b) N/A

(c) A high-level diagram showing operational software flow is included in the EXHIBITS