

COM DEV/REC
April 4, 2002
FCC 731

Electronic
FCC §2.1033 (c)

APPLICATION FOR CERTIFICATION
NetLink Terminal (NLT)

This application is submitted to the Federal Communications Commission (FCC) for an Equipment Authorization. The device falls under FCC Rules as a Broadband PCS subject to Subpart C & E with Certification procedures required in FCC §24.51. Certification procedures are defined in FCC Part 2 Subpart J §2.1031 for certification as specified in §24.51(a)(b)(c) and §24.52 R. F. Hazards. This application for certification is contained in §2.1033:

“Application for Certification.” §2.1033

¶

- (a) See FCC 731 filed electronically
- (b) Section (b) is not applicable
- (c) Certification Technical Report required for NLT follows:

(1) Applicant & Manufacturer:	FRN #0005-0583-00 COM DEV Broadband 805 Aerovista Place San Luis Obispo, CA 93401 Voice: (805) 544-1089 Fax: (805) 544-2055 e-mail: norwoodpatterson@msn.com Voice: (805) 528-1996 Fax: (805) 528-1982
(2) FCC Identifier	JJA-9001000101
(3) Copy of Operation Manual	See Exhibit A
(4) Type of Emissions	Emission Designator 1M40F7D (See Exhibit J2 Pg.1)
(5) Frequency Range Netlink Terminal (NLT)	1.850 TO 1.910 gHz
(6) Range of Operating Power levels	23 dBm / 199.53 milli-watts .1995 watts (EIRP = 0.962 Watts)
Meas. For varying operating power: Measured at RF amp external antenna terminal	

(7) Maximum Power **as defined in applicable part of rules** §24.232 Mobile Stations are limited to 2-Watts eirp Max. Po measured at antenna terminal.

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(8) DC Voltage applied & DC current into the several elements of final radio frequency amplifier device See Exhibit C: Supply Voltage 24 Vdc current vs power

(9) Tune up procedures over the power range or at a specified operating power Ex D omitted No tune-up required

(10) Schematic Diagram and a description of all circuitry and devices for determining and stabilizing frequency for Stability suspension of radiation For limiting modulation See Exhibit F Frequency See Exhibit G Modulation Limit

(11) Photo or drawing of equipment Label identification plate or label showing information to be placed thereon See Exhibit H: FCC ID NLT Netlink Terminal

(12) Photos 8x10 of Equipment See Exhibit I

(13) For equipment employing digital modulation techniques, a detailed description of modulating systems to be used including response characteristics, frequency, phase and amplitude See Exhibit B

(14) Data Required by FCC §:
 2.1046 RF Po output See Exhibit J1 (Ex. J1 is ¶ 6 above & Ex. C)
 2.1047 Mod. Characteristics J2
 2.1049 Occupied Bandwidth J3
 2.1051 Spurious Conducted J4
 2.1053 Spurious Radiated J5
 2.1055 Freq. Stability (see §24.235) J6
 2.1057 Freq. Spectrum to 10th harmonic 20 gHz

(15) External RF Amplifier Not applicable

(16) AM Broadcast Stereo	Not applicable
(17) Single Application	Not applicable: many identical units will be manufactured and sold.

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§2.1041 Measurement Procedures

Equipment Used

Anti-Drug Statement

Option Two (2) Carriers

Option Outdoor Cabinet

RF Exposure

Letter of Authorization

Letter of Compliance

Request for Confidentiality

See Exhibit K

See Exhibit L

See Exhibit M

Exhibit N not applicable

Exhibit O not applicable

See Exhibit P

See Exhibit Q

See Exhibit R

See Attachment #1 Revised 6/25/02