

OMNEX CONTROL SYSTEMS INC.

#74-1833 Coast Meridian Rd.
Port Coquitlam, B.C.
Canada V3C 6G5

February 14, 2002

Federal Communications Commission
445 Twelfth St. S.W.
Washington, D.C. 20554

Re: Request for Limited Modular Transmitter Approval for Model LPT-900

Dear Sir or Madam:

1. The Module has been designed using multi-layer construction to insure it is insensitive to the environment in which it is used. It is insensitive to any wires or other metallic objects coming into close proximity and has no restrictions on how it should be mounted.
2. The transmitter has an internal processor which packetizes the data and controls all transmitter functions. The deviation, modulation waveform and data rates are independent of any data input.
3. The module has its own power supply circuitry which can accept any voltage from 4-10 volts without any change in RF output characteristics. It will comply with Part 15 requirements regardless of the design of the power supplying circuitry in the device into which the device is installed.
4. The module does not employ any connector on board. Typically it will utilize a quarter wave antenna etched onto the carrier board. This module will be used on portable apparatus designed and manufactured by OMNEX. It will be producing a line of products with the same performance criteria but with different housing shapes. OMNEX seeks an LMA on this product and agrees to comply with the intent of this provision in the following manner:
 - The LPT900 unit will always be installed on a carrier board with an integral $\frac{1}{4}$ wave antenna. The test unit has been provided with a typical antenna. Since the module only outputs a maximum power of 10mW, it is reasonable to assume that regardless of minor deviations on the shape of the board and the unit it is placed in, the radiated power cannot exceed the maximum field strength limitations imposed by the FCC regulations..
 - OMNEX agrees that this approval applies only to those units designed and manufactured by Omnex Control Systems Inc. and OMNEX will ensure that the intent of the legislation is adhered to.
5. The module is capable of meeting the PART 15 requirements in a stand alone configuration.
6. The module is labeled with its own FCC ID number. OMNEX agrees to label both the LPT900 module with its FCC ID and if the FCC ID is not visible, an additional label will be placed on the outside of the unit into which the module is installed stating "Contains FCC ID: IA9LPT900" or equivalent.
7. This device is fully compliant with Part 15. There are no special exemptions. This is a fully compliant frequency hopping spread spectrum device and hopping frequencies and timing are all pre-programmed and are not modifiable by the user.

8. The unit complies with the applicable exposure requirements as set out by FCC part 15.247(b)(4).

Sincerely,

Len Dueckman
Vice President.