

Mr. David Chernomordik ITS Intertek Testing Services 1365 Adams Court Menlo Park, CA 94025

April 27, 1999

Re: WiData Firefly Tag and HHC Part 15 filings

Dear David,

In accordance with the recent request from Joe Dichoso of the FCC pertaining to the Hand Held Communicator P/N HPC-2000-00AA, FCC ID NSQHPC-2000-00AA, I am submitting a revised Confidentiality Request Letter which deletes reference to the processing gain measurement. We still wish to certify our DSSS mode transmitter under CFR 47 part 15.249. Also attached is a revised Statement Addressing CFR 47 Part 15.203 Antenna Requirements. I have added a sentence stating that we will use Locktite to permanently secure the antenna to PCMCIA card connectors Both carry today's date.

In addition I have provided a similarly revised Confidentiality Request Letter for the Tag, P/N TFF-1000-00AA FCC ID NSQTFF-1000-00AA. I am sure that this will be requested as soon as the Tag filing is reviewed.

Please submit this data to the FCC as immediately so that our application is not delayed.

2855 Bowers Ave

Executive Vice President

Santa Clara, CA 95051-0917

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10 March 1999

Federal Communications Commission Authorization Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046

Dear Sir or Madame:

The following is offered as a part of WiData's application for equipment authorization of the Model HPC-2000-00AA Hand Held Communicator PCMCIA Card. The material addresses CFR 47 Part 15.203 requirements.

## WiData Model HPC-2000-00AA Hand Held Communicator PCMCIA Card Statement Addressing CFR 47 Part 15.203 Antenna Requirements

The WiData model HPC\_2000-00AA Hand Held Communicator is a Type II PCMCIA card based system consisting of a 2.4 GHz direct sequence spread spectrum transmitter and a 2.4 GHz on-off keyed short range transmitter and receiver. A single antenna supports all transmission and reception modes. The Type II PCMCIA card is only 0.16 inches (5 mm) thick, and is inserted into a host computer so that only a 2.12 inch (54 mm) by 0.16 inch (5mm) face is available for connection to external devices such as antennas. The 5 mm thickness severely restricts the number of options for coaxial connectors that are adequate at 2.4 GHz. We have chosen to use a MMCX connector (Amphenol p/n 908-22100) on the card. This connector series is never found in retail establishments or at distributors of standard electronic components. It is made by a very limited number of vendors and is available only directly from these vendors or their representatives. Because of the extremely small size of the mating plug it can not be practically installed on a coaxial cable without special tools which again are only available from the connector vendor. Antennas supplied with hand held computers intended for use with PCMCIA cards containing 2.4 GHz radio equipment commonly have coaxial cables terminated with MMCX plugs. WiData has chosen this MMCX connector because it has been approved in the past for similar PCMCIA applications and because it is used on antennas supplied on hand held computers designed to be used with 2.4 GHz wireless PCMCIA devices and because it is not commonly available to our end users. In addition WiData will make the antenna to PCMCIA card connection permanent by using Loctite on both connectors prior to shipment. For these reasons we believe that the Hand Held Communicator PCMCIA Card fully complies with the requirements of CFR 47 Part 15.203.

Sincerely,

John A. Eisenberg

Executive Vice President



Federal Communications Commission Authorization Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046

April 27, 1999

Re: WiData Hand Held Communicator PCMCIA Card Model Number HPC-2000-00AA

Request for withholding from public disclosure proprietary information submitted pursuant to an application for certification of a WiData Hand Held Communicator PCMCIA Card Model Number HPC-2000-00AA.

FCC ID: NSQHPC-2000-00AA

## Dear Sir or Madame:

WiData requests that certain materials submitted with this application for certification of the Model HPC-2000-00AA Hand Held Communicator PCMCIA Card be withheld from public disclosure. This request is made under the provisions of Section 0.457 (d) of the Commission's Rules and Section 552 (b)(4) of the Freedom of Information Act, Trade Secrets.

The items marked "Confidential" contain detailed block diagrams, schematic diagrams, and a detailed theory of operation submitted to the FCC for review with this application. The information marked "Confidential", contains proprietary information and has either been placed in an envelope marked "Confidential", or on a separate floppy disk which is marked "Confidential", or has been transmitted electronically. Confidential flegend on one or more pages of the file. Information so marked contains proprietary information (trade secrets) regarding the circuit operation and capabilities (specific values of components, circuit design details and system architecture) which are the result of our extensive investment in research and development. Without the disclosed information, competitive organizations would take considerably more time to assess and develop a workable competitive product. As a result, we believe that disclosure of these company guarded materials contained in an envelope or on a disk marked "Confidential" or files transmitted electronically bearing a "Confidential" legend on any page or pages of the file, would compromise our leading position in this market.

We therefore formally request that materials delivered in an envelope or on a floppy disk bearing a "Confidential" legend or transmitted electronically with one or more pages bearing a "Confidential" legend, be kept strictly confidential and not made available for inspection by any other party, except on a need to know basis for the sole purpose of the certification process.

Sincerely,

John A. Eisenberg Executive Vice President



Federal Communications Commission Authorization Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046

April 27, 1999

Re: WiData Firefly Tag Model Number TFF-1000-00AA

Request for withholding from public disclosure proprietary information submitted pursuant to an application for certification of a WiData Firefly Tag Model Number TFF-1000-00AA.

FCC ID: NSQTFF-1000-00AA

## Dear Sir or Madame:

WiData requests that certain materials submitted with this application for certification of the Model TFF-1000-00AA Tag be withheld from public disclosure. This request is made under the provisions of Section 0.457 (d) of the Commission's Rules and Section 552 (b)(4) of the Freedom of Information Act, Trade Secrets.

The items marked "Confidential" contain detailed block diagrams, schematic diagrams, and a detailed theory of operation submitted to the FCC for review with this application. The information marked "Confidential", contains proprietary information and has either been placed in an envelope marked "Confidential", or on a separate floppy disk which is marked "Confidential", or has been transmitted electronically. Confidential files transmitted electronically contain pages marked with a "Confidential" legend on one or more pages of the file. Information so marked contains proprietary information (trade secrets) regarding the circuit operation and capabilities (specific values of components, circuit design details and system architecture) which are the result of our extensive investment in research and development. Without the disclosed information, competitive organizations would take considerably more time to assess and develop a workable competitive product. As a result, we believe that disclosure of these company guarded materials contained in an envelope or on a disk marked "Confidential" or files transmitted electronically bearing a "Confidential" legend on any page or pages of the file, would compromise our leading position in this

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Executive Vice President

Sincerely