Panasonic
ideas for life

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Product Safety and Compliance Division

Amended August 16, 2006
ITPD-06-F011A: WLAN Part 15C / DTS / EA313926
ITPD-06-F011B: UNII Part 15E / NII / EA886336
ITPD-06-F011C: HSDPA Parts 22H, 24E / PCB / EA712027

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046 USA

Subject: Authority to Act as FCC Agent for Panasonic Notebook Computer Model CF-W5 Family with Intel WLAN(a+b+g) and Novatel HSDPA / FCC Certification for FCC ID: ACJ9TGCF-W52

To Whom It May Concern:
On behalf of Panasonic Corp. of North America, we herby authorize PCTEST Engineering Laboratory, Inc., to act on our behalf in matters relating to FCC equipment authorization, including the signing of documents relating to these matters. Any and all acts carried out by PCTEST on our behalf shall have the same effect as acts of our own.

This project represents Portable Panasonic Toughbook Personal Computer, Model CF-W5 Family with Intel Core Solo Processor U1300 (1.06 GHz) FSB 533 MHz to be marketed under FCC ID: ACJ9TGCF-W52. This product will be marketed with the following two co-located transmitters:
(1) Intel WLAN (a+b+g) Module, Model WM3945ABG with Part 15C operation within 2412~2462 MHz at 26.4 mW and 5745~5825 MHz at 34.9 mW peak conducted RF output power; and Part 15E operation within low band 5180~5240 at 15.10 mW and high band 5260~5320 MHz at 13.7 mW peak conducted RF output; and
(2) Novatel HSDPA (GPRS/EDGE) Module, Model EU730 with Parts 22H operation within 824.20~848.80 MHz (Cellular GPRS) at 1.735 watts ERP with emission designator 278KGXW and 826.40~846.60 MHz (Cellular HSDPA) at 0.163 watts ERP with emission designator 4M17F9W; and Part 24E operation within 1850.20~1909.80 MHz (PCS GPRS) at 0.779 watts EIRP with emission designator 277KGXW and 1852.40~1907.60 MHz ((PCS HSDPA) at 0.225 watts EIRP with emission designator 4M18F9W.

The highest reported SAR measurements are 0.717 W/kg 802.11b Body SAR; 0.727 W/kg 802.11g Body SAR; 0.651 W/kg 802.11a (5.3 GHz) Body SAR; and 1.180 W/kg 801.11a (5.8 GHz) Body SAR.
This PC contains the following Inverted-F type transmitter antennas: (1) WLAN Main TX/RX and Aux TX/RX antennas located in the keyboard with 2.65 dBi and 0.99 dBi antenna gains; and (2) HSDPA TX/RX antenna located in the LCD with 3.80 dBi antenna gain. The PC's main User Manual gives all FCC required notices and warning, including general RF Exposure Warning and notice about NII operation for indoor use only.

In accordance with provisions of Section 0.457(d) of the Commission's Rules and Section 552(b)(4) of the Freedom of Information Act, we request permanent confidentiality for transmitter's exhibits, which contain Operation Description, Parts Lists & Tune-Up Procedure, Block Diagram and Schematic Diagram. The WLAN transmitter is not user adjustable and does not have a Tune-Up Procedure. These exhibits contain proprietary, confidential and trade secrets material, which would not be routinely made available for public inspection. Also, in accordance with FCC Public DA 04-1705, we request short-term confidentiality for exhibits, which contain External Photographs, Internal Photographs, Test Set-up Photographs and the User Manual. These exhibits contain pre-market information, which could give our competitors unfair advantage should this information be released before this product is actually introduced into the common marketplace.
Sincerely yours,

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