

February 10, 2006
ITPD-05-F038A: BT Part 15C / DSS / EA721037
ITPD-05-F038B: WLAN Part 15C / DTS / EA363076
ITPD-05-F038C: WLAN Part 15E / NII / EA234521
ITPD-05-F038D: HSDPA Parts 22H, 24E / PCB / EA843052

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

Subject: Authority to Act as FCC Agent for Panasonic Notebook Computer Model CF-18mk4 Family with Alps BT, Intel WLAN and Novatel HSDPA / FCC Certification for FCC ID: ACJ9TGCF-189A

To Whom It May Concern:

On behalf of Panasonic Corp. of North America, we hereby 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 Notebook Computer Model CF-18mk4 Family with CPU type Pentium-M-1.2 GHz to be marketed under FCC ID: ACJ9TGCF-189A. This product will be marketed with the following three transmitters:

1. Alps Blue Tooth Blue Module and Daughter Board, Model UGXZ5 with operation within 2402~2480 MHz at 18.8 mW.
2. Intel WLAN (a+b+g), Model WM3B2915ABG with Part 15C operation within 2412~2462 at 233 mW and 5745~5825 MHz at 103 mW; and Part 15E operation within low band 5180~5240 at 55 mW and high band 5260~5320 MHz at 125 mW.
3. Novatel HSDPA (Quad Band GPRS/EDGE & UMTS), Model EU730 with Part 22H operation within 824.2~848.8 MHz at 1.49 watts ERP and 826.4~846.6 MHz at 0.086 watts ERP; and Part 24E operation within 1850.2~1909.8 MHz at 0.936 watts EIRP and 1852.4~1907.6 MHz at 0.217 watts EIRP.

The max various configuration worse-case SAR measurements with 1.5 cm LCD side panel extenders and zero air spacing were:

1. 0.611 W/kg GSM850 Body SAR; 0.350 W/kg GSM 1900 Body SAR
2. 0.230 W/kg WCDMA Body SAR; 0.236 W/kg PCS WCDMA Body SAR
3. 0.217 W/kg 802.11b Body SAR; 0.115 W/kg 802.11g Body SAR
4. 0.841 W/kg 802.11a (5300 MHz) Body SAR
5. 0.401 W/kg 802.11a (5800 MHz) Body SAR
6. 0.061 W/kg Bluetooth (2450 MHz) Body SAR

This PC contains the following Inverted-F type transmitter antennas: (1) BT Inverter-F type with 3.36 dBi antenna gain; (2) WLAN Main TX/RX and Aux TX/RX Inverted-F type with 1.42 dBi and 2.59 dBi antenna gain; and (3) Novatel Inverter-F type with 2.15dBi 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 BT and WLAN transmitters are not user adjustable and do 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 and 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,
Richard Mullen
Richard Mullen
Group Manager