

October 29, 2007
ITPD-07-F026A

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

Subject: Authority to Act as FCC Agent for Panasonic Mobile Personal Computer, Model CF-52 Family with Alps Bluetooth, Intel WLAN(a+b+g) and Novatel HSPDA3.6
Original Application for TCB Certification for FCC ID: ACJ9TGCF-522

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 Mobile Personal Computer, Model CF-52mk1 Family with Intel Core 2 Duo T7100 (1.8 GHz) or T7300 (2.0 GHz), which will be marketed under FCC ID: ACJ9TGCF-522. This product will be marketed with the following co-located transmitters:

(1) Alps Bluetooth, Model UGNZA (Alps has no FCC ID):

<u>FCC Rule Part</u>	<u>Type</u>	<u>Freq Range (MHz)</u>	<u>Output Watts</u>
Part 15C	DSS	2402~2480	0.0233

(2) Intel WLAN (a+b+g), Model 4965AG (Intel FCC ID: PD94965AG)

Note: Intel Wireless WiFi Link 4965AGN Card Series was separately certified under Intel FCC ID: PD94965AG, which can support 2x2 and 3x3 MIMO modes of operation. However, when this transmitter is installed within the subject end-product it has the MIMO mode disabled and may operate only in the AG mode. Also, this device complies with Dynamic Frequency Selection requirements in R&O FCC 03-287 as a client only device without radar detection capability.

<u>FCC Rule Part</u>	<u>Type</u>	<u>Freq Range (MHz)</u>	<u>Output Watts</u>
Part 15C	802.11(b+g)	2412~2462	0.0191
Part 15C	802.11(a)	5745~5825	0.0239
Part 15E	802.11(a) Low Band	5180~5240	0.0204
Part 15E	802.11(a) High Band	5260~5320	0.0182

(3) Novatel HSDPA3.6, Model EU860D (Novatel FCC ID: NBZNRN-EU860D)

<u>FCC Rule Part</u>	<u>Type</u>	<u>Freq Range (MHz)</u>	<u>Output Watts</u>	<u>Emission Designator</u>
Part 22H	Cellular GSM	824.2~848.8	0.451 W ERP	243KGXW
Part 22H	Cellular EDGE	824.2~848.8	0.259 W ERP	246KG7W
Part 22H	Cellular WCDMA	826.4~846.6	0.086 W ERP	4M18F9W
Part 24E	PCS GSM	1850.2~1909.8	1.563 W EIRP	246KGXW
Part 24E	PCS EDGE	1850.2~1909.8	0.796 W EIRP	246KG7W
Part 24E	PSC WCDMA	1852.4~1907.6	0.286 W EIRP	4M19F9W

This product is classified as mobile device with respect to RF exposure evaluation and the Maximum Permissible Exposure (MPE) was calculated under condition of 20 cm with the LCD in flip open position:

- Cellular Band 848.8 MHz is 0.561 mW/cm^2 / Max MPE limits at this frequency band is 0.566 mW/cm^2
- PCB Band 1880 MHz is 0.2715 mW/cm^2 / Max MPE limits at this frequency band is 1.0 mW/cm^2
- 2.4 GHz Band is 0.010 mW/cm^2 / Max MPE limits at this frequency band is 1.0 mW/cm^2
- 5.745 GHz Band is 0.007 mW/cm^2 / Max MPE limits at this frequency band is 1.0 mW/cm^2

This PC contains the following Inverted-F type transmitter antennas: (1) BT TX/RX antenna with 3.46 dBi antenna gain; (2) WLAN Main TX/RX 0.36 dBi at 2.4 GHz and 1.57 dBi at 5 GHz and Aux TX/RX antenna with 1.21 dBi at 2.4 GHz and -0.13 dBi at 5 GHz; and (3) HSDPA Main TX/RX antenna with 2.19 dBi antenna gain and Aux Rx only antenna.

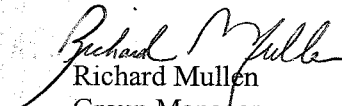
The PC's main User Manual gives all FCC required notices and warning, including RF Exposure Warning. The Operation Instructions includes the following wording regarding compliance with Section 15.407(e):

Only for model with wireless LAN:

This product is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems. High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this product.

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, Test Setup 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,


Richard Mullen
Group Manager