

April 9, 2007

ITPD-07-F003A: BT Part 15C / DSS / EA700355

ITPD-07-F003B: WLAN Part 15C / DTS / EA701914

ITPD-07-F003C: UNII Part 15E / NII / EA650479

ITPD-07-F003D: HSDPA Parts 22H, 24E / PCB / EA909278

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

Subject: Authority to Act as FCC Agent for Panasonic Portable Personal Computer Model CF-19 Family
With Taiyo Bluetooth, Intel WLAN(a+b+g) and Novatel HSDPA
FCC Certification for FCC ID: ACJ9TGCF-195

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 Personal Computer, Model CF-19 Family with Intel Core Duo 1.06 GHz and Tablet LCD with side panel spacers, which will be marketed under FCC ID: ACJ9TGCF-195. This product will be marketed with the following co-located transmitters:

(1) Taiyo Yuden Bluetooth, Model EYS1CSMX (Taiyo Yuden 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	0.0191

(2) Intel WLAN (a+b+g), Model WM3945ABG (Intel FCC ID: PD9WM3945ABG)

This product complies with Dynamic Frequency Selection requirements in R&O FCC 03-287 as a client device without radar detection.

<u>FCC Rule Part</u>	<u>Type</u>	<u>Freq Range (MHz)</u>	<u>Output Watts</u>
Part 15C	802.11(b)	2412~2462	0.0294
Part 15C	802.11(g)	2412~2462	0.0265
Part 15C	802.11(a)	5745~5825	0.0266
Part 15E	802.11(a) Low Band	5180~5240	0.0151
Part 15E	802.11(a) High Band	5260~5320	0.0137

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

Grant Notes: Dual Band Licensed Modular Transmitter

<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	0.774 W ERP	315KGXW
Part 22H	Cellular EDGE	824.2~848.8	0.270 W ERP	301KG7W
Part 22H	Cellular WCDMA	826.4~846.6	0.086 W ERP	4M65F9W
Part 24E	PCS GSM	1850.2~1909.8	1.038 W EIRP	317KGXW
Part 24E	PCS EDGE	1850.2~1909.8	0.337 W EIRP	318KG7W
Part 24E	PSC WCDMA	1852.4~1907.6	0.107 W EIRP	4M64F9W

The highest reported Body SAR values measured with LCD spacers, LCD in flip position and zero spacing between antennas and body:

0.95 W/kg (802.11b) and 0.071 W/kg (2.4 GHz BT)
0.531 W/kg (802.11a / 5.8 GHz) and 0.579 W/kg (802.11a / 5.2 GHz)
0.249 W/kg (GSM / 850 MHz) and 0.588 W/kg (GSM / 1900 MHz)
0.116 W/kg (WCDMA / 850 MHz) and 0.460 W/kg (WCDMA / 1900 MHz)

This PC contains the following Inverted-F type transmitter antennas, which are all located within the LCD panel: (1) BT TX/RX antenna with 3.06 dBi antenna gain; (2) WLAN Main TX/RX and Aux TX/RX antennas with 2.48 dBi and 3.31 dBi antenna gains; and (3) HSDPA Main TX/RX antennas with 1.84 dBi and Aux Rx only antenna. The PC's main User Manual gives all FCC required notices and warning, including RF Exposure Warning.

Note, the subject Portable Personal Computer Model CF-19 Family may be marketed with optional Car Mounter Model CF-WEB184, which is provided with passive RF pass-thru with two TNC connectors intended for WLAN and WWAN external antennas. One external antenna connector is intended for connection to Radiall/Larsen WLAN 2.4 GHz Base Whip antenna, type NM05E2400BKTNC with 5 dBi antenna gain. The other antenna connector is intended for connection of licensed radio service WWAN antenna and must be professionally installed. The Supplemental Car Mounter instructions will be provided with recommended maximum WWAN external antenna gain of 9.85 dBi for Part 22H and 8.34 dBi for Part 24E. This optional Car Mounter has already been submitted to FCC for Class II Permissive approved on March 28, 2007 and assigned 731 Confirmation Numbers EA563547 and EA344830.

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

Richard Mullen
Group Manager