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ITPD-07-F005A

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-74 Family
With Taiyo Bluetooth, Intel WLAN(a+g) and Sierra EVDO
TCB Certification for FCC ID: ACJ9TGCF-743

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 Mobile Personal Computer, Model CF-74 Family with Intel Core2 Duo-M 2.0 GHz, which will be marketed under FCC ID: ACJ9TGCF-743. This product will be marketed with the following co-located transmitters:

(1) Taiyo Yuden Bluetooth, Model EYS1CSMX (Taiyo Yuden has no FCC ID):

FCC Rule Part	Type	Freq Range (MHz)	Output Watts
Part 15C	DSS	2402~2480	0.0191

(2) Intel WLAN Model 4965AG (Intel FCC ID: PD94965AG)
Intel grant included note that this product complies with DFS requirements in R&O FCC 03-287 as a Client only device without Radar Detection. Additional DFS test data for use within the subject PC will be provided later under a Class II Permission Change application.

FCC Rule Part	Type	Freq Range (MHz)	Output Watts
Part 15C	802.11(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) Sierra EVDO Rev A, Model MC5725 (Sierra FCC ID: N7N-MC5725)

FCC Rule Part	Type	Freq Range (MHz)	Output Watts	Emission Designator
Part 22H	Cellular CDMA	824.70~848.31	0.234 W ERP	1M27F9W
Part 24E	PCS CDMA	1851.25~1908.75	0.532 W EIRP	1M27F9W

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The highest calculated MPE values were:

Part 22H Cellular CDMA MPE at 848.31 MHz was 0.047 mW/cm^2 at 20 cm with max antenna gain of 2.96 dBi
Part 24E PCS CDMA MPE at 1851.25 MHz was 0.1059 mW/cm^2 at 20 cm with max antenna gain of 2.96 dBi
Part 15C WLAN 802.11(g) MPE at 2462 MHz was 0.007 mW/cm^2 at 20 cm with max antenna gain of 3.08 dBi
Part 15C WLAN 802.11(a) MPE at 5745 MHz was 0.010 mW/cm^2 at 20 cm with max antenna gain of 3.08 dBi

This PC contains the following transmitter antennas, which are all located within the LCD panel, except for the BT TX/RX antenna, which is located in the keyboard: (1) BT TX/RX Inverted-F antenna with 1.82 dBi antenna gain; (2) WLAN Main Inverted-F TX/RX and Aux Inverted-F TX/RX with 1.63 dBi and 3.08 dBi antenna gains; and (3) EVDO Main Whip TX/RX antenna with 2.96 dBi and Aux Inverted-F antenna with 0.29 dBi antenna gain.
The PC's main User Manual gives all FCC required notices and warning, including RF Exposure Warning.

Note, the subject Mobile Personal Computer Model CF-74 Family may be marketed with optional Port Replicator, Model CF-VEBU06, which does not contain any external antenna connectors.

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,

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