

August 24, 2007  
ITPD-07-F022A

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

Subject: Original Certification Application for Panasonic Mobile Personal Computer Model CF-30 Family  
With Taiyo Yuden Bluetooth, Model EYS1CSMX and Atheros WLAN (b+g) Model N5HZC0000036  
TCB Certification for FCC ID: ACJ9TGCF-304

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-30 Family with Intel Core Duo 1.66 GHz (L7500), which will be marketed under FCC ID: ACJ9TGCF-304. This mobile is applied for TCB Certification with the following co-located transmitters:

(1) Taiyo Yuden Bluetooth, Model EYS1CSMX (there is no separate certified FCC ID):

<u>FCC Rule Part</u>	<u>Type</u>	<u>Freq Range (MHz)</u>	<u>Output Watts</u>
Part 15C	DSS	2402~2480	0.01910

(2) Atheros WLAN (b+g) Model N5HZC0000036 (there is no separate certified FCC ID):

<u>FCC Rule Part</u>	<u>Type</u>	<u>Freq Range (MHz)</u>	<u>Output Watts</u>
Part 15C	802.11(b)	2412~2462	0.08204
Part 15C	802.11(g)	2412~2462	0.05702

This product is classified as mobile device with respect to RF exposure evaluation and the MPE was calculated at 20 cm spacing with LCD spacers and LCD in flip position. The highest calculated MPE value were: (1) BT at 2441 MHz was 0.0033 mW/cm<sup>2</sup> at 20 cm with max antenna gain of -062 dBi; and (2) WLAN 802.11(b) at 2437 MHz was 0.020 mW/cm<sup>2</sup> at 20 cm with max antenna gain of 0.94 dBi.

This PC contains the following Inverted-F type transmitter antennas, which are all located within both the LCD panel and the keyboard: (1) BT TX/RX antenna with -0.62 dBi antenna gain located in the keyboard; and (2) WLAN Main TX/RX and Aux TX/RX antennas with 0.94 dBi and -0.42 dBi antenna gains located in the LCD panel.

The computer portion of this device is covered under the DoC approval process.

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