

DRAFT: May 10, 2005
ITPD-04-F126A

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

Subject: Authority to Act as FCC Agent and Request for Confidentiality / Panasonic Mobile Personal Computer
Model CF-29 Family With Alps BT, Intel WLAN (a+b+g) and Sierra EVDO
TCB Certification for FCC ID: ACJ9TGCF-296A

To Whom It May Concern:

On behalf of Panasonic Corporation 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 Notebook Computer Model CF-29mk3 Family with CPU type Pentium-M-1.4 GHz to be marketed under FCC ID: ACJ9TGCF-296A. This product will be marketed with three transmitters (1) Alps Blue Tooth Module and Daughter Board Model UGXZ1 with Part 15C operation within 2402~2480 MHz at 18.2mW; (2) Intel WLAN (a+b+g) Module, Model WM3B2915ABG with Part 15C operation within 2412~2462 and 5745~5825 MHz at 233 and 103 mW; and Part 15E operation within 5180~5240 and 5260~5320 MHz at 54 and 125 mW; and (3) Sierra EVDO Module, Model EM5625D with Part 22H operation within 824.7~848.31 MHz at 0.358 watts ERP; and 1851.25~1908.75 MHz at 0.442 watts EIRP. The worst-case RF exposure evaluation for maximum permissive exposure measured at 20cm spacing at 1880.0 MHz was 0.097 mW/cm², while the maximum limit at this frequency is 1.00 mW/cm².

This products LCD panel contains the following antennas and antenna gains (1) BT Inverted-F type with 1.47 dBi; (2) WLAN Inverted-F type Main TX/RX with 1.86dBi and Aux TX/RX with 2.86dBi; and (2) EVDO Whip with 2.15dBi. These three transceivers are co-located and may transmit simultaneously. The PC's main User Manual gives all FCC required notices and warning, including general RF Exposure Warning. The provided Supplemental User Manuals for wireless transmitters gives mobile RF Exposure Warning Notices.

This PC contains two unique pass-thru antenna connectors on bottom enclosure, which may connect to optional Car Mounter Model CF-WEB291. The Car Mounter has 2 matching unique antenna passive pass-thru connectors, which are hard-wired connected to its rear panel's 2 external TNC antenna connectors. This Car Mounter is marketed to only non-general consumers, such as police, fire and military, and must be professionally installed following the provided instructions. The instructions recommend usage of Radiall/Larsen WLAN antenna type MS3E2400TNC, which is provided with connecting cable and advise maximum antenna dBi gain for external licensed radio service antenna. The basic portable PC's User Manual contains all general RF exposure warning notices, which include notice that PC was approved for portable operation, and unless otherwise advised in separate supplemental instructions for individual wireless transmitter(s), requires minimum 1.5 cm spacing. The mobile PC's User Manual contains all general RF exposure warning notices, which include notice that PC was approved for mobile operation and requires minimum 20 cm spacing.

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 confidentiality for transceivers exhibits for Operation Description, Parts List & Tune-Up Procedure, Block Diagram(s) and Schematic Diagram(s). The BT and WLAN is not user adjustable and does not have any Tune-Up Procedure. These exhibits contain proprietary, confidential and trade secrets material, which would not be routinely made available for public inspection.

Sincerely yours,
Richard Mullen
Group Manager