

Date: September 10, 2003
Control No: ITPD-04-F103A, -F103B
WLAN Part 15C: EA763221
WLAN Part 15E: EA421925

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

Subject: Authority to Act as FCC Agent and Request for Confidentiality
Panasonic Portable Personal Computer CF-W2 With Intel WLAN (802.11a+b+g)
FCC Certification for FCC ID: ACJ9TGCF-W23

To Whom It May Concern:

On behalf of Applicant Matsushita Electric Industrial Co., Ltd. and their agent Matsushita Electronic Corporation of 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-W2 Family (CF-W2mk5), which will be marketed under FCC ID: ACJ9TGCF-W23. This product will be marketed with: (1) AC Adaptor Model CF-AA1623A; (2) CPU type Pentium-M-1.1GHz; and (3) Intel WLAN Module, Model WM3B2915ABG (FCC ID: PD9WM3B2915ABG). The WLAN has Part 15C DTS operation within 2412~2462 and 5745~5825 MHz with 233mW and 103 mW RF output; and Part 15E NII operation within 5180~5240 and 5260~5320 MHz with 55mW and 125mW RF output.

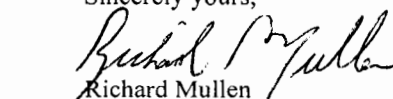
- (1) Part 15C DTS (b) operation within 2412~2462 MHz at 18.85 dBm peak conducted (77 mW)
- (2) Part 15C DTS (g) operation within 2412~2462 MHz at 23.67 dBm peak conducted (233 mW)
- (3) Part 15C DTS (a) operation within 5745~5825 MHz at 20.14 dBm peak conducted (103 mW)
- (4) Part 15E NII (low band) operation within 5180~5240 MHz at 17.36 dBm (55mW)
- (5) Part 15E NII (high band) operation within 5260~5320 MHz at 20.96 dBm (125mW)
- (6) Maximum SAR was 0.659 W/kg Laptop Body; and 0.361 W/kg Bystander Body at 1.5 cm or less spacing.

The internal permanent attached WLAN antennas are Main Tx/Rx Inverter F Type with 1.84 dBi and Aux Tx/Rx Inverter F Type with -1.74 dBi antenna gain. At this time, this product is not provided with optional Port Replicator or Car Mounter or co-located transmitters. The PC's main User Manual gives all FCC required notices and warning, including general RF Exposure Warning. The provided Supplemental User Manual for WLAN gives following type additional notice for NII operation:

"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 uses 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 confidentiality for WLAN transceivers' exhibits for Operation Description, Block Diagram(s) and Schematic Diagram(s). This product is not user adjustable and is not provided with Parts List or Tune-Up Procedures. 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