

ITPD-04-F007A, -F007B, -F007C
Amended: June 21, 2004
WLAN Confirmation No: EA627815
BT Confirmation No: EA136338
GPRS Confirmation No: EA687782

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

Subject: Authority to Act as FCC Agent and Request for Confidentiality
Panasonic Personal Computer With Intel WLAN, Alps Bluetooth and Siemens GPRS / Model CF-29 Family
FCC Certification for FCC ID: ACJ9TGCF-295

To Whom It May Concern:

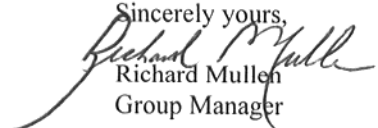
On behalf of Applicant Matsushita Electric Industrial Co., Ltd. and their agent Matsushita Electronic Corporation of America, we hereby authorize PCTEST Engineering Laboratory, Inc., to act on our behalf in matters relating to FCC equipment authorization, including the signing of documents relating to 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 Panasonic Personal Computer Model CF-29 Family (CF-29mk2). This product will be marketed with: (1) CPU type Pentium-M-1.3 GHz; (2) Intel WLAN(b+g) Module Model WM3B2200BG, which was separately Part 15C certified under FCC ID: PD9WM3B2200BG for operation within 2412~2462 MHz with 0.056 watts conducted RF output power; (3) Alps Blue Tooth Blue Module and Daughter Board Model UGXZ1-116B, which does not have a separate Part 15C certified FCC ID for operation within 2402~2480 MHz with 0.0182 watts conducted RF output power; and (4) Siemens GPRS Module Model MC46, which was separately Parts 22H and 24E certified under FCC ID: QIPMC46 for operation within 824.2~848.8 and 1850.2~1909.8 MHz with 1.995 and 0.933 watts conducted RF output power. The WLAN has 2 pattern antennas with left antenna TX/RX Inverter F Type with 1.86 dBi; and right antenna RX only Inverter F Type with 2.86 dBi antenna gain. The BT has pattern antenna Inverter F Type with 1.47 dBi antenna gain. The GPRS has whip antenna with 2.15 dBi antenna gain. These three transceivers will be co-located and may transmit simultaneously. These wireless devices will be installed under our control and this final configuration will always be marketed under new end product FCC ID: ACJ9TGCF-295.

This product contains unique external antenna connector(s), which may connect to future optional Car Mounter or Port Replicator. The basic PC User Manual will contain all general RF exposure warning notices, which includes notice that this equipment has been approved for portable operation, and unless otherwise advised in separate supplemental instructions for individual wireless transmitter(s), requires minimum 1.5 cm spacing. Also, it advises connection to optional Car Mounter or Port Replicator external mounted antenna(s) are for mobile operation with minimum 20 cm spacing requirement, must be professionally installed and cannot exceed recommended maximum antenna dBi gain. Refer to provided samples of User Manuals for exact wording. In the future, we will submit Class II Permissive Change Application to report additional test data performed with optional external Radiall/Larsen WLAN antenna, type MS3E2400TNC.

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 both transceivers' exhibits for Operation Description, Parts List & Tune-Up Procedure, Block Diagram(s) and Schematic Diagram(s). The WLAN and BT are 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

Read Me First

For U.S.A.

Federal Communications Commission Radio Frequency Interference Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the Panasonic Service Center or an experienced radio/TV technician for help.

Warning

To assure continued compliance, use only shielded interface cables when connecting to a computer or peripheral. Also, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC RF Exposure Warning:

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- This equipment has been approved for portable operation, and unless otherwise advised in separate supplemental instructions for individual wireless transmitter(s), requires minimum 1.5 cm spacing be provided between antenna(s) and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.
- This equipment may use multiple installed transmitters, which may be capable of simultaneous transmission.
- This equipment is provided with PC Card slot that could be used with wireless transmitters, which will be specifically recommended when they become available. Other third-party wireless transmitters have not been RF exposure evaluated for use with this computer and may not comply with FCC RF exposure requirements.
- This equipment is provided with external antenna connector(s) for connection to optional Car Mount or Port Replicator for mobile external mounted antenna(s). External antenna(s) must be professionally installed and cannot exceed recommended maximum antenna gain as described in individual provided supplement instructions for wireless transmitters. Also, user must maintain minimum 20 cm spacing between external antenna(s) and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party: Matsushita Electric Corporation of America
One Panasonic Way
Secaucus, NJ 07094
Tel No: 1-800-LAPTOP-5 (1-800-527-8675)

FCC Regulation Notice for modem

This equipment contains a FCC approved modem.

Manufacturer of modem: AMBIT Microsystems Corporation
Model No. T60M283.** (** = numbers or alphabet letters)



**Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE**

1. This equipment complies with CFR47 Part 68 rules. On the computer is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If required, this information must be provided to the telephone company.
2. An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See Installation Instructions for details.
3. The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all area, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.
4. If your telephone equipment cause harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
5. The telephone company may take changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
6. If trouble is experienced with this equipment, for repair or warranty information, please contact Matsushita Electric Corporation of America at DIAL TOLL FREE 1-800-LAPTOP5 (1-800-527-8675). If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
7. There are no user serviceable parts contained in this equipment.
8. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.
9. The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone fax machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entry, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. In order to program this information into your fax software, you should refer to the manual of the Fax software being used.

ADDENDUM

External antenna cannot exceed recommended maximum antenna gain as described below.

Maximum External Antenna Gain

Module	Band	Gain (dBi)
WLAN	2.4GHz	12.5
GPRS	Cellular	3.75
	PCS	4.15
CDMA	Cellular	13.35
	PCS	11.5