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Product Safety & Compliance Division

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Panasonic Quasar Technics

Amended August 4, 2003

ITPD-03-F016A

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Subject: TCB Certification Application for 2.4 GHz DSS Wireless LAN Module / FCC ID: ACJ9TGCF-291

Gentlemen:

Enclosed, find Matsushita Electric Industrial Co., Ltd.'s Application for Equipment Authorization. The subject product is in compliance with Part 15, Subpart C and in accordance with §15.247 of the FCC Rules. This filing includes request for confidentiality for selected exhibits in accordance §0.459 as they contain proprietary, confidential, patent pending and custom designs, which would not be routinely made available for public inspection. Request for confidentiality includes exhibits for Schematic, Detailed Block Diagram and Parts List with Component Placement Drawing.

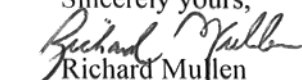
The subject product is Intel made DSS Wireless LAN Module compatible with IEEE 802-11b for operation within 2412~2462 MHz frequency band with 47 mW watt rated maximum conducted RF output. This WLAN is intended for use within Panasonic Notebook Computer Model CF-29, which will be authorized under DoC to comply with Part 15, Subpart B. The Notebook has internal dual inverted F type pattern antennas for the WLAN, which is located in the top portion of LCD panel with maximum antenna gain of 1.86dBi.

The Notebook will be marketed with optional Port Replicator Model CF-VEB272A, which will be provided with external TNC antenna connector for professional installation. To satisfy RF evaluation, body SAR test data is being provided for the combination PC+WLAN. Also, the User Manual will be provided with following warning: FCC RF Exposure Warning:

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- This equipment must be installed and operated in accordance with provided instructions and minimum 2.5 cm spacing must be provided between antenna in top portion of LCD panel and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter
- This computer is provided with PC Card slot that could be used with wireless transmitter(s), which will be specifically recommended, when they become available. Other third-party wireless transmitter(s) have not been RF exposure evaluated for use with this computer and may not comply with FCC RF exposure requirements.
- Optional Port Replicator contains TNC connector for external mounted antenna. Employed antenna cannot exceed 7dBi antenna gain and must be professionally installed. Also, must maintain minimum 20 cm spacing between external antenna and all person's body during wireless mode of operation.

Should you have any questions, please contact the undersigned. Thank you for your attention in this matter.

Sincerely yours,



Richard Mullen

Group Manager

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