

Matsushita Electric Corporation of America

Product Safety & Compliance Division

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Panasonic Quasar Technics

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PCPD-00-F004

731 Confirmation Number: 13EA99423

Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, PA 15251-5315

Subject: Original Application for Part 24E - Licensed Portable Transmitter
GSM PCS Module For Use Within Panasonic Notebook Computer, Model CF-27 Series
FCC ID: ACJ9TGCF-27GSM

Gentlemen:

Enclosed, find Matsushita Electric Industrial Co., Ltd.'s Application for Equipment Authorization dated December 4, 2000. This subject composite device contains: (1) Notebook Computer in compliance with FCC Part 15B under Declaration of Conformity; and (2) the GSM PCS Module in compliance with FCC Part 24E (Broadband PCS) under Certification.

The GSM PCS Module is made by Wavecom and this application supports compliance while it is installed within Panasonic Notebook Computer Model CF-27 Series. The module is an internal dual band GSM module that supports international compatibility operation. This filing supports the 1850.2~1909.8 MHz band intended for use within North America with maximum 1.05 watt EIRP (30.22dBm) and receiver that receives within the 1930.2~1989.8 MHz frequency band. The module is provided with interface connections for power supply, serial link, audio, SIM card and 2 antenna connections. The Notebook Computer will provide the 3.6V power supply and high-gain omni-directional telescopic antenna with 1dBi gain. The external antenna connector is for user provided optional vehicle mounted antenna with maximum 3dBi gain.

The maximum worst case measured SAR was 1.38W/g measured with 1.0 cm spacing between the antenna and the phantom body performed at 1909.8 MHz with the antenna fully extended. The SAR measurement distance was performed at 1 cm between the significant source of emission (antenna) and the phantom body to determine the minimum required spacing distance to meet FCC RF exposure guidelines. Based upon SAR test results, we purpose to include the following type wording within the user manual:

“If this product is used with optional GSM PCS Module - To comply with FCC RF exposure safety requirements, a minimum spacing distance of 1 cm must be maintained between antenna and person’s body during wireless modes 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