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To whom this may concern

March 19, 2003

TCB Requested Information

FCC ID : ANO20020306A1L
Applicant : International Business Machines Corporation
Correspondence Reference Number : 230318B.ANO
731 Confirmation Number : TC3058
Original Requested Date : March 18, 2003

Subject 1) Please confirm all frequency of operations of the device. The users manual/test report shows 5.15-5.25, 5.25-5.35, and 5.65-5.85 GHz operations which are outside the requested frequency band of operations. Please revise technical report/users manual or send supporting test data, as appropriate.

Answer 1) Those frequency bands in users manual (not in test report) are described for the attention to users concerning interference with **Mobile Satellite Service (5.15 - 5.25GHz)** or **High Power Rados (5.25 - 5.35GHz or 5.65 – 5.85 GHz)**. The former notice is mandated by the CFR47 Part 15.407(e). The later one is voluntary. Therefore the manual revision may not be required.

Subject 2) Please confirm if this device meets the integral antenna requirement specified in Section 15.407(d) of the FCC Rules.

Answer 2) The antennas are furnished in the LCD section fixedly and the applying transmitter is built-in under the keyboard bezel which is fixed with the tamperproof screw so that users cannot remove the transmitter.
Please refer page 3 and 4 (Mounting structure of Wireless LAN card and Antenna) of the exhibit "Outline_of_submission_UNII.pdf"
and page 1 (Tamperproof screw) of the exhibit Confidential_Circuitry_Description_(PartE).pdf"

Subject 3) Please provide tabulated radiated test data for the restricted band between 5.35 - 5.46 GHz with the EUT operating on channel 64 (5.32 GHz). Recent FCC policy specifically requests tabulated data in the restricted band.

.Answer 3) Please refer Table 7-2-3 on page 41 and the plots on page 47 and 48 of the exhibit "TestReports_UNII.pdf"

Sincerely, March 19, 2003

Shigeru Motoki,
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Prepared by S. Motoki