



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

February 6, 2004

RE: Compaq Computer Corporation

FCC ID: CNTWM3B2200BGA

After a review of the submitted information, I have a few comments on the above referenced Application.

General

- 1) Please provide photographs as necessary to show the outside and inside of the laptops being approved as part of this application and how the TX card is installed in the laptop. Additionally please provide internal photographs of the laptop sufficient to show the general construction and layout of the laptop and placement of components in the chassis.
- 2) The information regarding the Sapphire Antenna and Chassis does not appear to show the distance to the table top for cases where the user may place in their lap. Please correct.
- 3) Please also note that the authorization letter and confidentiality request letter has HP as the responsible party. Please note that the grantee of the device is Compaq. As such, only Compaq can listed as the responsible party in the non-modification statement. Please provide evidence that HP has the authority to act for Compaq. Alternately, please correct the statement to say Compaq instead of HP.
- 4) This application covers the TX portion of the device only. Note that the device labeling for the PC portion (vs TX portion) and manual information are different depending on which process was used for approval of the PC (DoC / Certification). Currently the device does not appear include proper labeling (15.19) although the manual contains the proper DoC information. Please explain which route is being used for compliance (i.e., DoC or certification to 15.107 and 15.109). Additionally, please confirm that the appropriately fully configured system according to ANSI C63.4 has been tested (for Class B computer, all dedicated interface ports such as monitor connections, headphones, etc. should normally be filled during emissions testing as a computer. The photographs do not appear to show this). Additionally, please provide information regarding how the device is correctly labeled for the compliance route selected.
- 5) It appears that the antennas for the bluetooth and 802.11 devices may be < 20 cm and therefore considered as co-located. However, the RF exposure information does not appear to address this issue. Please explain/correct the exhibits as necessary. Additionally, please provide information to show the distance of the antenna relative to the other antennas.
- 6) The RF exposure information states a power of 17.63 dBm, while the test reports appear to show a maximum of 17.53 dBm. Is this an error? Please explain.
- 7) Please explain the gain column shown in the power measurements. Additionally, it is uncertain how this factors into the formula for determining power. Note that the power methodology given states the device was directly connected to a power meter.

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Examining Engineer

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.