



American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

December 19, 2000

Re: Reply to Dec 6 Letter

FCC ID: NM5-LUC2400E

The numbers below are in reply to your letter dated Dec 6, 2000.

1. Revised Form 731 attached.
2. Revised Confidentiality letter attached.
3. Both the card and the amplifier will have the same label.
4. New photographs of the FCC labels on the WLAN card and the amplifier are attached. None will be put on the DC Injector since that would be triply redundant. Further, since the DC Injector has no active RF circuitry, we see no need to put the label on it.
5. Professional Installation Attestation letter is attached.
6. Agent Authorization letter is attached.
7. The circuit description for the amplifier is attached.
8. Block diagram of the amplifier is attached.
9. The manual for the Lucent WLAN card is attached.
10. The FCC exposure warning is emphasized in the revised amplifier manual attached.
11. Since we specify 2 meters (200 cm) minimum exposure distance in our manual, the minimum safe distance you calculated (89.4 cm) will not be an issue.
12. Manual now includes a warning regarding the potential for exceeding the FCC transmit power limits. ERP was also changed to EIRP.
13. We have added more information to the antenna page in the back of the manual as per your suggestion.
14. FCC Report was modified to state that the worse case emissions were with 11 mbps data rate. We looked at all four (4) data rates for power, bandwidth, and power spectral density tests to determine this. See page 4 of the report.

PRODUCT APPROVALS

FCC UL IC CSA

VCCI CE IEC

CISPR ANSI

TELCO

TUV



National
Certification Laboratory

8370 Court Avenue, Suite B-1
Ellicott City, Maryland 21043
Phone/Fax # (410) 461-5548

15. Not needed; worse case scenario is given in the report.

16. Not needed; worse case scenario is given in the report.

Sincerely,

A handwritten signature in blue ink that reads "Brian Haghtalab". The signature is written in a cursive style and is positioned to the left of a vertical line.

Brian Haghtalab, Operations Manager