



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

RE: Modular Transmitter Certification Request for WAV Chameleon WLAN80

FCC ID: PB2WO80A

Date: November 1, 2000

To The Commission:

This certification request is for the WAV Chameleon Model WLAN80 PCMCIA WLAN Module. The WLAN80 is a 2.4 GHz direct sequence 11 Mb/s transceiver incorporated into a PCMCIA package.

This device is identical to the Lucent WaveLan RF-Modem for Wireless LAN Model LUC PC24-H-FC, test report 56305-90203-1, FCC ID: IMRWLPC24H.

The difference being that WAV inc. has tested this device as a modular transmitter with additional antennas not tested by Lucent.

This request is for modular transmitter approval per DA 00-1407 Released June 26,2000 and 15.247.

Addressing DA 00-1407 this device:

1. This device has it's own RF shielding and was tested as a stand-alone device.
2. This device has buffered modulation/data inputs.
3. This device has it's own power supply regulation.
4. This device incorporates a unique antenna connector per section 15.203 and 15.204(c). Please reference Lucent's original submission.
5. This device was tested in a stand-alone configuration.
6. This device is labeled with it's own FCC identification number. When installed in another device, the outside of the device into which the module is installed will display a label stating: "CONTAINS FCC ID: PB2WO80A"
7. Section 15.231 does not apply to this device.



8. Sections 2.1091, 2.1093, 15.319(l), 15.407(f), 15.253(f), 15.255(g) do not apply to this device. This device complies with 15.247(b)(4) when operated in a portable product because the device is limited to a 0dBi gain antenna and is incapable of transmitting over 15dBm (32mW). For fixed applications, the manual states the antenna must be at least 20cm from human proximity. See user manual for additional clarification.

Form 159 has been electronically paid via credit card.

If there are any questions about this request, please call me at the number below.

Thank you for your attention.

Respectfully submitted,

Charles D. Bolvin

Technical Services Manager  
WAV Inc.

chuckb@wavonline.com  
630-818-1006 Voice  
630-818-4450 FAX