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September 30, 2000

QTK2000-F043

731 Confirmation Number: 13EA98922

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

Subject: Original Certification Application for Class B Computing Device Peripheral
FCC ID: I88PRESTIGE316 / Broadband Sharing Gateway With Wireless LAN

Gentlemen:

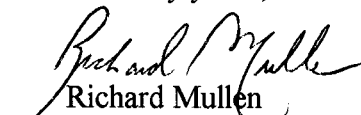
Enclosed, please find ZyXel Communications Corporation's application for equipment authorization dated September 30, 2000. The subject device is in compliance with Part 15, Subpart B of the FCC Rules.

This device is a Dual Ethernet Broadband Sharing Gateway that connects to host PC by LAN port or Cable/DSL Modem by WAN port. This device contains management features that allow access to the Internet via Cable/DSL Modem or Broadband Router. This device uses CPU type KS32C50100 and various clock frequencies including 1.8432, 10, 16, 20 and 25 MHz and is provided with RS-232 serial interface port to support System Management Terminal (SMT). This device is provided with Wireless LAN slot to accept host Z-Com 2.4 GHz Wireless LAN Card, which was authorized under FCC ID: M4Y-XI-300 in accordance with Section 15.249 with 12mW maximum rated RF output. Also, this EUT is provided with ZyXel Direct Plug-In AC Adapter type MW48-1601000UAA.

This EUT was network system tested while connected to host computer and remote located Notebook Computers via LAN and WAN interface cables and tested in representative 100 Mbps high-speed data transfer mode. Tests were performed in accordance with ANSI C63.4-1992 to show compliance to CISPR 22 Class B limits.

Should you have any questions or comments, please contact the undersigned. Thank you for your attention and cooperation in this matter.

Sincerely yours,


Richard Mullen
Group Manager
Safety & Compliance Consulting