

OPERATIONAL DESCRIPTION

General Description

The MIP802 is a wireless LAN interface card with an on-board V.90 modem. An additional model, (MIP802-W) is also offered. Model MIP802-W is the identical PWB with the V.90 components and the telecom interface port removed.

The wireless LAN radio operates between 2412 and 2462 MHz. The transmitted signal is a direct sequence spread spectrum signal with a maximum rf bandwidth of 11.58 MHz. The peak output power is +19.9 dBm e.i.r.p..

Mechanical Description

The interface card is mounted inside of a laptop PC. The antenna is an integral design and thus is not accessible to the user. The antenna is mounted in the cover of the laptop. A minimum separation distance of 5 cm. can reasonably be maintained during operation of the equipment. The V.90 connector is also integrated into the PC chassis.

Description of Modular Design

The MIP802 is designed as a module as described below:

- 1) Data modulation inputs are buffered within the module.
- 2) Power regulation is accomplished on the module.
- 3) The antenna is sold and marketed as part of the module.