

Operational Description

General Description

The IBM 8368 Model 10J Webpad is a wireless web enabled portable tablet designed for the retail store environment. Internal to the product is a wireless LAN interface card, 802MIP, developed by Actiontec Electronics Inc.

The wireless LAN radio operates between 2412 and 2462 MHz. The transmitted signal is a direct sequence spread spectrum signal with a maximum bandwidth of 11.58 MHz.

Mechanical Description

The wireless LAN card and antenna is permanently mounted inside of the webpad device. The card and antenna is an integral design and thus is not accessible to the user. The antenna is a diversity antenna mounted in the cover of the webpad.

Description of Modular Design

The wireless LAN radio is designed as a module as described below:

1. Data modulation inputs are buffered with the module.
2. Power regulation is accomplished on the module