

# Operational Description

FCC ID: CH8A9081XXYY-07

The UltraLine IIb is a high-performance router product designed to meet the needs of the service providers deploying broadband video solutions. Ultimately, the product will support the following key features:

- Two ATM-bonded ADSL2+ modems with sealing current sink
- Wireless LAN including high-performance wireless radio
- Improved, consumer friendly web interface

The RF section of the EUT is a digitally modulated Spread Spectrum transceiver for use as an 802.11b or 802.11g wireless LAN. It operates in the 2400 to 2483.5 MHz Frequency Band.

The wireless section is a miniPCI card inside the modem. It is a Gemtek Model 990-300-0001L.

The 2.4 GHz antenna has a reverse polarity SMA connector on it. The antenna used is a 2 dBi monopole.