

**SKYPILOT NETWORKS, INC**

**4.9 GHz Product Tune-Up Procedure**

## **1 Tune-Up Procedure**

The power and frequency of operation for both Gateway and CPE are set to pre-determined values via firmware control. The system operates at a pre-configured frequency selected by the operator. The firmware controls radio, attenuator and amplifier operation and limits the operator to only use those frequencies and power limits allowed by local compliance regulations. No operator action is required to establish equipment operation aside from channel selection within the allowed frequency band. SkyPilot's link optimization algorithm utilizes packet loss criteria to then determine the best modulation type to use for the selected channel, however power levels are always fixed to the pre-determined levels during the optimization routine and subsequent unit operation.