



Professional Installation Statement

Rev 1

This statement is submitted with regards to professional installation of the HZB-4000-LR radios and the antennas used for testing. The HZB-4000-LR radios must be professionally installed and so is exempt from the antenna restrictions of FCC Part 15.203. The HZB-4000-LR is a product manufactured by Proxim Wireless Corporation in San Jose, California.

The HZB-4000-LR is to be certified for operation under Part 15.247 of the FCC Rules in the 2400 – 2483.5 MHz and the 5.725-5.850 GHz band. The equipment is designed for point-to-point or point-to-multipoint communications and will carry data signals using Ethernet interfaces. Due to the unique requirements of installation and integration of these systems, typical consumers or businesses will not have the proper training required for successful implementation of these systems.

The HZB-4000-LR is not designed for use by the general public, and will be sold as follows:

- Through the Proxim sales force to professional communications users
- Through designated and professionally trained Proxim Value Added Resellers to business users under individual reseller agreements.

These companies will either use their professional telecommunications engineering staff to carry out the installation or will subcontract to professional installation firms. On occasion, a professional installation firm will purchase the HZB-4000-LR radios directly. Due to the unique technical expertise required in installing and setting up the system, the product is not suitable for distribution to retail channels. Proxim offers extensive training the distributors, resellers and professional installers on the proper deployment and use of this equipment. It also instructs its resellers not to sell the units that require external antennas to retail channels in order to be compliant with FCC regulations.

The HZB-4000-LR radio will be used for fixed, permanent or temporary, outdoor environment. Professional installers will be needed to deploy this equipment and their antennas.

The output power of the HZB-4000-LR radio will be adjusted to meet any applicable EIRP limits by the professional installer during installation. The method of adjusting the output power is described in the Antenna Installation Manual written for use by professionally trained installers.

At the time of sale, the installation engineer chooses from commercially available antennas listed in our Antenna Installation Manual (Page 32) for use with the radio.

The professional installation engineer is responsible to install only those commercially available antenna(s) (or similar) as listed in the filing. Only those antenna(s) listed in the filing are to be used with the device.

Proxim has also included detailed instructions on how to determine the maximum output power based on EIRP limits for all professional installers to follow.

A rectangular box containing a handwritten signature in black ink, which appears to read "Caroline Yu".

Caroline Yu

Regulatory Compliance Manager

Proxim Wireless Corporation

