STATEMENT THAT HZB-S58-B60 (Models: 40400-35C, 40400-65C) MUST BE PROFESSIONALLY INSTALLED and SO IS EXEMPT FROM THE ANTENNA RESTRICTIONS OF FCC PART 15.203, INCLUDING INFORMATION ON ANTENNAS USED FOR TESTING

This letter is submitted with regards to professional installation of the HZB-S58-B60 (models 40400-35C and 40400-65C) radios and the antennas used for testing. The HZB-S58-B60 (models 40400-35C and 40400-65C) radios must be professionally installed and so is exempt from the antenna restrictions of FCC Part 15.203. The HZB-S58-B60 (models 40400-35C and 40400-65C) is a group of products manufactured by Proxim Corporation in Sunnyvale, California.

The HZB-S58-B60 (models 40400-35C and 40400-65C) is to be certified for operation under Part 15.247 of the FCC Rules in the 5.725-5.850 GHz band. The equipment is designed for 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-S58-B60 (models 40400-35C and 40400-65C) 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 engineering staff to carry out the installation or subcontract to professional installation firms. On occasion, a professional installation firm will purchase the HZB-S58-B60 (models 40400-35C and 40400-65C) radios directly.

The HZB-S58-B60 (models 40400-35C and 40400-65C) radio will be used for fixed, permanent or temporary, outdoor environment. The equipment and their antennas will need professional installers to mount and setup.
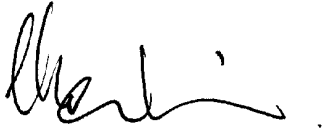
The output power of the HZB-S58-B60 (models 40400-35C and 40400-65C) radio will be adjusted to meet any applicable EIRP limits by the professional installer during installation. The method of adjusting the output power is described in the manual written for use by professionally trained installers.

The HZB-S58-B60 (models 40400-35C and 40400-65C) radio is typically sold without an antenna, and the customer and/or installation engineer chooses from commercially available antennas. The professional installation engineer is responsible to install only those commercially available antenna(s) (or similar) as listed in the filing. From time to time, Proxim may sell a commercially available antenna as listed in the filing along with

the HZB-S58-B60 radio upon customer request. Only those antenna(s) listed in the filing are to be used with the device. We have included the antenna list in the Antenna Installation manual intended for the professional installers.
From time to time, Proxim may sell a commercially available antenna along with the HZB-S58-B60 (models 40400-35C and 40400-65C) radio upon customer request.

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

Caroline Yu

Regulatory Compliance Manager
Proxim Corporation

BSU Antenna List				
Antenna Type	**Manufacturer**	**Model Number**	**Mid-band Gain (dBi)**	**Notes**
Omni	Telex	5830AN	7.5	Vertical
	MTI	MT-482009/N	9	
	MTI	MT-483003/N	12	
Flat Panel	European Antennas	SA17-55V/450	17	Vertical, 60 x 7 degree sector antenna
	Radio Waves	SEC-5V/H-90-17	17	Linear, 90 x 6 degree sector antenna
	Radio Waves	SEC-5V/H-60-18	18	Linear, 60 x 6 degree sector antenna

Formula for determining maximum output power setting at antenna input for 5.725-5.825 GHz BSU Transmitters

Max BSU Tx (dBm) is the lesser of the 18dBm and 36 - G

where: G = Antenna Gain

                        Tx is the output power measured at the antenna input

All Proxim radios require professional installation.

Antennas with gain less than 7.5 dBi are not allowed

Antennas of other make may be used with the HZB-S58-B60 device, but must be of the same type, dimensions and gain as those listed