

*FCC*

Subject: Permissive Change Application for Proxim Wireless Corporation, FCC ID:  
HZB-MP11R-ABG

To whom it may concern:

The enclosed documents constitute a formal submittal and application for a Class II Permissive change for an 802.11abg radio pursuant to the following rules:

Subpart E of Part 15 of FCC Rules (CFR 47), UNII Devices  
Subpart C of Part 15 of FCC Rules (CFR 47)  
RSS-210, Issue 7, June 2007, “Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment”

There are two variants (indoor and outdoor) included under the FCC ID: HZB-MP11R-ABG.

The devices use a cardbus (PC Card) transceiver as the radio. The cardbus card has two coaxial ports, a main port and an aux port. The products covered by the existing filing make use of just the main port which connects to external antennas. With the proposed change, Proxim plan to make use of the aux port to allow for spatial diversity by adding a second rf connector to the enclosure. This second connector and the associated coaxial cable assembly will be identical to the one that connects to the main port. This will ensure that the path loss from cardbus card to connector is identical on both main and aux ports.

The auxiliary antenna will be identical to the antenna(s) used on the main port and evaluated through the original filing and previous C2PCs.

A KDB describing the changes to the products and detailing the testing to be performed was submitted and approved by the FCC. See KDB 800580.

Within this application is test data showing power measurements, conducted out of band, and a formal DFS report.

Documentation submitted:  
Agent Authorization  
Request for Confidentiality  
Block Diagram  
Schematics  
Operational Description  
Internal and External Photographs  
DFS Test Report  
Confirmation of power data



Elliott Laboratories  
www.elliottlabs.com

684 West Maude Avenue  
Sunnyvale, CA 94085-3518

408-245-7800 Phone  
408-245-3499 Fax

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is included with the application.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mark E. Hill'.

Mark E. Hill  
Staff Engineer

MEH/dmg