



Federal Communications Commission
Experimental Licensing Branch, MS 1300E1
445 12th Street, S.W.
Washington, DC 20554

Re: Experimental Radio License WB2XCJ
Notification of Commencement of Experimental Operations
Location: 1301 E Algonquin Rd, Schaumburg, IL
Frequencies: 2307.5 MHz, 2587.0 MHz

To Whom It May Concern:

This notice is electronically being submitted herewith as required by the conditions of experimental license file number 0138-EX-RR-2003, call sign WB2XCJ, and this letter serves as notification of Motorola's intent to conduct a test within the boundaries of the granted license. Pursuant to special condition number 9 of the license, the pertinent technical information for the proposed test is as follows:

Motorola Experiment Reference Number: Data System Performance Test **No. 1001**

Purpose of Test: Evaluate the performance of a high-speed data system in a suburban environment. Two base stations and associated sector antennas will be placed on the roof of 1301 E Algonquin with an antenna height of approximately 40 ft. Mobile units will be driven through the areas covered by the two stations at varying speeds and the resulting data performance evaluated.

Area/Address of Test: 3 mile radius of 1301 E Algonquin Rd, Schaumburg, IL

Date of Test Start: 3/7/05

Date of Test Completion: 4/2/05

Number of Base Transmitters: 2

Power of Base Transmitters (ERP): 1560 Watts

Frequency Band of Base Operations (MHz): One on 2307.5 MHz, One on 2587.0 MHz

Duty Cycle: 70%

Number of Mobile Transmitters: 6

Power of Mobile Transmitters (ERP): 1 Watt

Frequency Band of Mobile Operation (MHz): 3 units on 2307.5 MHz, 3 units on 2587.0 MHz

Corporate Law Department
Mobile Devices Communications Sector
600 North U.S. Highway 45
Libertyville, IL 60048 Phone: (847) 523-1079



MOTOROLA

Should you have any questions regarding this notification or need further information, please call Peter Carlson at voice (847) 523-1268; fax: (847) 523-4348; email: Peter.Carlson@motorola.com) or our FCC counsel, Kurt DeSoto of Wiley Rein & Fielding LLP, at voice: (202) 719-7235; fax: (202) 719-7207; email: kdesoto@wrf.com.

Sincerely,

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