



April 3, 2009

SUBMITTED ELECTRONICALLY

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

Re: Experimental Radio License WB2XCJ
Notification of Commencement of Experimental Operations
Locations: Arlington Heights, IL; Austin, TX
Frequency Band: 2500-2700 MHz

To the Commission:

In accordance with the authority granted by the above-referenced experimental license issued under call sign WB2XCJ, File No. 0134-EX-RR-2007, this is to notify the Commission of Motorola's intent to conduct field testing under the parameters of its license at two locations. Pursuant to Condition 9 of the license, this notification is being electronically submitted and provides pertinent technical information for the intended test and demonstration as follows:

Purpose of Operation:	To test and develop prototype equipment
Location/Area of Operation:	<u>Fixed</u> : Arlington Heights, IL: 42-05-42N; 87-58-55W Austin, TX: 30-23-31N; 97-50-54W (NAD 83) <u>Mobile</u> : 80 km radius of above-referenced fixed sites
Test Start Date:	April 7, 2009
Test Completion Date:	August 31, 2009, the current expiration date of the license, or as permitted under Section 1.62 of the FCC's rules
Frequency Band of Operations:	2500-2700 MHz
Maximum Power of Base Transmitters:	245W ERP
Maximum Number of Base Transmitters:	2 per location
Maximum Power of Mobile Transmitters:	12.5 W ERP
Maximum Number of Mobile Transmitters:	100 per location
Emissions Designators:	10M0G7D, 10M0W7W, 20M0G2D, 20M0D7D, and others as permitted under Condition No. 3 of the license

Motorola confirms that it is coordinating this test with co-channel licensees operating within the potential reception range to avoid interference in accordance with Condition No. 1. In addition, Motorola will have the capability to discontinue operations immediately in the unlikely event that doing so becomes necessary, in accordance with Condition 2 of its license. Motorola will use other channels under the same conditions specified in this letter if needed.

For questions regarding this notification or for further information, contact Roby McGovern at voice (847) 344-5903; email: CRM039@motorola.com. Alternatively, contact Motorola's FCC counsel, Kurt DeSoto of Wiley Rein LLP, at voice: (202) 719-7235; facsimile (202) 719-7207; email: kdesoto@wileyrein.com.