



August 26, 2011

SUBMITTED ELECTRONICALLY

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

**Re: Notification of Commencement of Operations
Under Experimental Radio License WF2XPD
Location: Arlington Heights, IL; Frequency: 2360 - 2390 MHz**

To the Commission:

In accordance with the authority granted by the above-referenced experimental license issued under call sign WF2XPD, File No. 0268-EX-RR-2011, this is to advise the Commission that Nokia Siemens Networks US LLC (“NSN”) proposes to conduct field testing at Arlington Heights, Illinois, as described below.

Pursuant to Condition 12 of the license, this notification is being submitted electronically and provides pertinent technical information regarding the test as follows:

Test Start/Completion Dates:	September 1, 2011 through March 1, 2012
Purpose of Operation:	To test and develop prototype equipment for export only
Locations/Area of Operation:	<u>Fixed:</u> Fixed locations in Arlington Heights, Illinois 42-04-03N; 88-03-05W (NAD 83) 42-08-14N; 87-58-57W (NAD 83) <u>Mobile:</u> 5 km radius of fixed sites
Frequency Band of Operation:	2360 - 2390 MHz (currently proposed to be centered on 2375 MHz)
Max. Power of Base Transmitters:	≤ 5W ERP
Max. Number of Base Transmitters:	≤ 8
Max. Power of Mobile Transmitters:	≤ 0.25W ERP
Max. Number of Mobile Transmitters:	≤ 5
Channel Bandwidth	20 MHz
Emission Designators:	20M0G7D, 20M0W7W, 20M0G2D, 20M0D7D (others as permitted under Condition No. 2)
Modulation Technique:	OFDM
Antenna Heights:	Will comply with FAA/FCC rules < 50 m at remote antenna on existing tower < 20 m at NSN’s facilities



NSN 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. 2 of its license. In addition, NSN will have the capability to discontinue operations immediately in the unlikely event that doing so becomes necessary to avoid interference, in accordance with Condition 9 of the license. NSN will use other channels under the same conditions specified in this letter if needed.

For questions regarding this notification or for further information, contact Eric Ortiz by telephone at 847.732.2627 or by email at eric.ortiz@nsn.com. Alternatively, contact NSN's FCC counsel, Kurt DeSoto of Wiley Rein LLP, by telephone at (202) 719-7235, by facsimile 202.719.7207, or by email at kdesoto@wileyrein.com.

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