

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WF2XUG

(Call Sign)

0233-EX-PL-2011

(File Number)

NAME Nokia Siemens Networks US LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Arlington Heights, IL - NL 42-08-08; WL 87-59-56; MOBILE: , within 10 km
- (2) Arlington Heights, IL - NL 42-08-14; WL 87-58-57; MOBILE: , within 10 km
- (3) Palatine, IL - NL 42-09-12; WL 88-02-11; MOBILE: , within 10 km
- (4) Arlington Heights, IL - NL 42-05-04; WL 87-58-53; MOBILE: , within 10 km

Frequency Information

Arlington Heights, IL - NL 42-08-08; WL 87-59-56; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
758-763 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	

This authorization effective June 14, 2011 and
will expire 3:00 A.M. EST June 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Arlington Heights, IL - NL 42-08-08; WL 87-59-56; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-793 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
788-793 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	

Arlington Heights, IL - NL 42-08-14; WL 87-58-57; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
758-763 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	
788-793 MHz	FX	5M00G7D 5M00W7W 5M00G2D	125 W (ERP)	

Frequency Information

Arlington Heights, IL - NL 42-08-14; WL 87-58-57; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-793 MHz	FX	5M00D7D	125 W (ERP)	
788-793 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	

Palatine, IL - NL 42-09-12; WL 88-02-11; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
758-763 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	
788-793 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
788-793 MHz	MO	5M00G7D	250 mW (ERP)	

Frequency Information

Palatine, IL - NL 42-09-12; WL 88-02-11; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-793 MHz	MO	5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	

Arlington Heights, IL - NL 42-05-04; WL 87-58-53; MOBILE: , within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
758-763 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	
788-793 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	125 W (ERP)	
788-793 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	250 mW (ERP)	

Special Conditions:

- (1) Licensee is authorized to use various emissions and bandwidths during the experiment.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (4) Licensee is limited to emission bandwidths up to 5 MHz wide.