

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WJ2XNL

(Call Sign)

0097-EX-CN-2018

(File Number)

NAME Nokia of America

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(e & j) of the Commission's Rules

Station Locations

- (1) Irving, TX - NL 32-53-37; WL 96-57-57; MOBILE: Nokia campus, within 3 km
- (2) Murray Hill (UNION), NJ - NL 40-41-02; WL 74-24-04; MOBILE: Nokia campus, within 3 km

Frequency Information

Irving, TX - NL 32-53-37; WL 96-57-57; MOBILE: Nokia campus, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.7-4.2 GHz	FX	1K00N0N 100MW7W 400MW7W	39.8 kW (ERP)	
3.7-4.2 GHz	MO	1K00N0N 100MW7W 400MW7N	39.8 kW (ERP)	

This authorization effective June 05, 2018 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee be aware that FSS earth stations are licensed on these frequencies and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.
- (4) Prior to the start of operations in the 3700 - 4200 MHz band, experimental licensee must notify all the earth stations adjacent band (3700 - 4200 MHz) within the area of operation by e-mail. This notice must include the name and contact information of the stop buzzer personnel in order to notify the test equipment operator(s) to shut down in case of interference. The notification should also include the testing parameters and the day and times of each test. Consult MyIBFS database in the FCC.GOV website to identify all existing registered earth stations in the 3700 - 4200 MHz band.
- (5) Operations in the 3700 - 4200 MHz only authorizes the fixed based station to point all their transmit antennas north to north-east (azimuth 0 degree to 90 degrees) with a maximum elevation angle no greater than zero degrees.
- (6) Experimental station shall use the minimum power level necessary to close the communications link to minimize potential interference to licensed users.
- (7) All the experimental devices will be under the control of Nokia of America.