

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WL9XRW

(Call Sign)

XT FX MO

(Class of Station)

1140-EX-ST-2017

(File Number)

NAME Nokia

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Demonstration of Small Cell products to customers.

Station Locations

(1) Philadelphia, PA - NL 39-57-16; WL 75-10-06; MOBILE: Customer Facility, within 2 km

Frequency Information

Philadelphia, PA - NL 39-57-16; WL 75-10-06; MOBILE: Customer Facility, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	150MW7D 150MF9W	4 W (ERP)	
3650-3700 MHz	MO	150MW7D 150MF9W	2 W (ERP)	

This authorization effective September 15, 2017 and
will expire 3:00 A.M. EST March 15, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Nokia must not operate in the 3500 - 3650 MHz band. This location falls within the Exclusion Zone defined in Fast Track Report (NTIA Technical Report TR-15-517: 3.5 GHz Exclusion Zone Analyses and Methodology).
- (2) Nokia must maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz.
- (3) Nokia must ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas.
- (4) Licensee shall ensure that the operations will not cause harmful interference to any existing registered stations in 3670-3673 MHz and 3694-3702 MHz, and notify the registered users in the proposed areas prior to operation in those frequency bands.
- (5) Stop buzzer contact is Glenn Steitz, Nokia at (971) 214-0028, and email: glenn.steitz@nokia.belllabs.com.
- (6) Licensee shall be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.
- (7) All the experimental devices will be under the control of Nokia.