

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

EXPERIMENTAL
(Nature of Service)

XT FX MO
(Class of Station)

WI2XFC
(Call Sign)

0115-EX-CM-2026
(File Number)

NAME Nokia of America Corporation

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(j) of the Commission's Rules

Station Locations

- (1) Murray Hill (UNION), NJ - NL 40-41-02; WL 74-24-04; MOBILE: Nokia building facility, within 2 km
- (2) Coppell (DALLAS), TX - NL 32-56-08; WL 96-59-01; MOBILE: Nokia Facility, within 2 km, centered around NL 32-56-08; WL 96-59-01
- (3) Naperville (DU PAGE), IL - NL 41-48-48; WL 88-07-14; MOBILE: Nokia Campus, within 2 km, centered around NL 41-48-48; WL 88-07-14

Frequency Information

Murray Hill (UNION), NJ - NL 40-41-02; WL 74-24-04; MOBILE: Nokia building facility, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	400MW7W 800MW7W	47.8 W (ERP)	
27.5-28.35 GHz	MO	400MW7W 800MW7W	47.8 W (ERP)	

This authorization effective July 16, 2026 and
will expire 3:00 A.M. ET April 01, 2028

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Coppell (DALLAS), TX - NL 32-56-08; WL 96-59-01; MOBILE: Nokia Facility, within 2 km, centered around NL 32-56-08; WL 96-59-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	400MW7W 800MW7W	47.8 W (ERP)	
27.5-28.35 GHz	MO	400MW7W 800MW7W	47.8 W (ERP)	

Naperville (DU PAGE), IL - NL 41-48-48; WL 88-07-14; MOBILE: Nokia Campus, within 2 km, centered around NL 41-48-48; WL 88-07-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	400MW7W 800MW7W	316 W (ERP)	
27.5-28.35 GHz	MO	400MW7W 800MW7W	47.8 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) The stop buzzer contact for this project : Glenn Steitz,
glenn.steitz@nokia-bell-labs.com
(973) 214-0028
- (4) Experimental licensee must coordinate with the Upper Microwave Flexible Use Service licensees in the requested areas prior to accessing to 27.5-28.35 GHz band.
- (5) Experimental licensee must coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the 27.5-28.35 GHz band.

Special Conditions:

- (6) Prior to commencing operations in the authorized frequency band(s), the experimental licensee must notify the potentially affected licensees below. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 28.1-28.6 GHz (E-s) (Call sign S2886)

Licensee: HISPAMAR SATELITES, S.A.

phone number: +552125554808 / +55 21 0800 282 9488

E-mail: operacao@hispamar.com.br

ATTN: Isabella Sulaiman, PMC Analyst, e-mail: isulaiman@hispamar.com.br

or Ricardo Soares, PMC Analyst, e-mail: rsoares@hispamar.com.br

Frequency Bands: 27.6-29.1 GHz (E-s) (Call sign S2955)

Licensee: Telesat International Limited Phone Number: (613) 748-8700

ATTN: Ms Elisabeth Neasmith E-Mail: eneasmith@telesat.com

Frequency Bands: 27.5-29.1 GHz (E-s) (Call sign S2902)

Licensee: ViaSat, Inc. Phone Number: 760-476-2583

ATTN: Mr Daryl T Hunter, E-Mail: daryl.hunter@viasat.com

Frequency Bands: 27.5-30 GHz (E-s) (Call sign S2935)

Licensee: O3b Limited Phone Number: 202-813-4026

ATTN: Ms Suzanne Malloy E-Mail: suzanne.malloy@o3bnetworks.com

Frequency Bands: 27.5-29.1 GHz (Call sign S2963)

Licensee: WorldVu Satellites Limited Phone Number: 571-466-8664

ATTN: Ms Kimberly Baum E-Mail: kbaum@oneweb.net

Frequency Bands: 27.5-29.1 GHz (E-s) (Call sign S2976)

Licensee: Telesat LEO Inc. Phone Number: (613) 748-8700

ATTN: Ms Elisabeth Neasmith E-Mail: eneasmith@telesat.com

Frequency Bands: 27.5-29.1 GHz (E-s) (Call sign S2983/S3018, S2992/S3069)

Licensee: Space Exploration Holdings, LLC, Phone Number: 202-649-2700

ATTN: Mr David Goldman, E-Mail: david.goldman@spacex.com

Frequency Bands: 27.5-29.1 GHz (E-s) (Call sign S2986)

Licensee: Theia Holdings A, Inc. Phone Number: 470-346-6843

ATTN: Michael Fuqua E-Mail: mfuqua@brileyfin.com

Frequency Bands: 27.5-30 GHz (E-s) (Call sign S3051/S3105)

Licensee: Kuiper Systems LLC Phone Number: 843-364-1933

ATTN: Mariah Dodson Shuman E-Mail: kuiper-regulatory-contact@amazon.com