

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

EXPERIMENTAL

(Nature of Service)

XR FX

(Class of Station)

WF2XQM

(Call Sign)

0150-EX-RR-2015

(File Number)

NAME NYU Polytechnic School of Engineering

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) Brooklyn (KINGS), NY - NL 40-41-41; WL 73-59-09
- (2) Brooklyn (KINGS), NY - NL 40-41-39; WL 73-59-10
- (3) New York City (NEW YORK), NY - NL 40-43-45; WL 73-59-38
- (4) New York City (NEW YORK), NY - NL 40-43-43; WL 73-59-44
- (5) New York City (NEW YORK), NY - NL 40-43-45; WL 73-59-49

Frequency Information

Brooklyn (KINGS), NY - NL 40-41-41; WL 73-59-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28 GHz	FX	5G00A2X	61.09 W (ERP)	
38 GHz	FX	5G00A2X	61.09 W (ERP)	
60 GHz	FX	5G00A2X	193.2 W (ERP)	

This authorization effective April 16, 2015 and
will expire 3:00 A.M. EST May 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Brooklyn (KINGS), NY - NL 40-41-41; WL 73-59-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72 GHz	FX	5G00A2X	63.09 W (ERP)	

Brooklyn (KINGS), NY - NL 40-41-39; WL 73-59-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28 GHz	FX	5G00A2X	61.09 W (ERP)	
38 GHz	FX	5G00A2X	61.09 W (ERP)	
60 GHz	FX	5G00A2W	193.2 W (ERP)	
72 GHz	FX	5G00A2X	63.09 W (ERP)	

New York City (NEW YORK), NY - NL 40-43-45; WL 73-59-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28 GHz	FX	5G00A2X	61.09 W (ERP)	
38 GHz	FX	5G00A2X	61.09 W (ERP)	

Frequency Information

New York City (NEW YORK), NY - NL 40-43-45; WL 73-59-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
60 GHz	FX	5G00A2X	193.2 W (ERP)	
72 GHz	FX	5G00A2X	63.09 W (ERP)	

New York City (NEW YORK), NY - NL 40-43-43; WL 73-59-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28 GHz	FX	5G00A2X	61.09 W (ERP)	
38 GHz	FX	5G00A2X	61.09 W (ERP)	
60 GHz	FX	5G00A2X	193.2 W (ERP)	
72 GHz	FX	5G00A2X	63.09 W (ERP)	

New York City (NEW YORK), NY - NL 40-43-45; WL 73-59-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.5 GHz	FX	5G00A2X	61.09 W (ERP)	

Frequency Information

New York City (NEW YORK), NY - NL 40-43-45; WL 73-59-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28 GHz	FX	5G00A2X	61.09 W (ERP)	
38 GHz	FX	5G00A2X	61.09 W (ERP)	
60 GHz	FX	5G00A2X	193.2 W (ERP)	
72 GHz	FX	5G00A2X	63.09 W (ERP)	

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with affected existing Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (5) The designated point-of-contact if having interference occurs is Theodore S. Rappaport at 718-260-3400.