

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XBY

(Call Sign)

0155-EX-ST-2020

(File Number)

NAME Radio Physics Solutions

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:

Systems integration of RPS product into other safety systems and also development of training protocols.

Station Locations

- (1) East Rutherford (BERGEN), NJ - NL 40-48-48; WL 74-04-33
- (2) New York (KINGS), NY - NL 40-42-46; WL 74-00-22
- (3) Cypress (HARRIS), TX - NL 29-56-24; WL 95-39-12
- (4) Houston (HARRIS), TX - NL 29-48-37; WL 95-32-52
- (5) Kearns (SALT LAKE), UT - NL 40-39-20; WL 111-59-34
- (6) Mill Creek (SALT LAKE), UT - NL 40-42-04; WL 111-52-05

Frequency Information

East Rutherford (BERGEN), NJ - NL 40-48-48; WL 74-04-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-86 GHz	FX	15G0F0N	47 W (ERP)	

This authorization effective March 01, 2020 and
will expire 3:00 A.M. EST August 31, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

New York (KINGS), NY - NL 40-42-46; WL 74-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-86 GHz	FX	15G0F0N	47 W (ERP)	

Cypress (HARRIS), TX - NL 29-56-24; WL 95-39-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-86 GHz	FX	15G0F0N	47 W (ERP)	

Houston (HARRIS), TX - NL 29-48-37; WL 95-32-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-86 GHz	FX	15G0F0N	47 W (ERP)	

Kearns (SALT LAKE), UT - NL 40-39-20; WL 111-59-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-86 GHz	FX	15G0F0N	47 W (ERP)	

Frequency Information

Mill Creek (SALT LAKE), UT - NL 40-42-04; WL 111-52-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-86 GHz	FX	15G0F0N	47 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The licensee must coordinate with all of the existing registered links in 71-76 GHz and 81-86 GHz bands in each proposed location prior to commencing the test and demonstration operations.
- (4) Radio Physics Solutions shall comply with the out of band emission limits specified in Resolution 750 (Rev.WRC-12) for Fixed operations in the 81-86 GHz frequency band.
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.