

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

EXPERIMENTAL

(Nature of Service)

WJ9XKG

(Call Sign)

XT FX

(Class of Station)

1360-EX-ST-2015

(File Number)

NAME University of Massachusetts

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:

The vertically pointed radar will profile the atmospheric boundary layer in support of the Vortex-SE experiment sponsored by NOAA.

Station Locations

- (1) Amherst (HAMPSHIRE), MA - NL 42-23-51; WL 72-30-40
- (2) Belle Mina, AL - NL 34-41-21; WL 86-53-00

Frequency Information

Amherst (HAMPSHIRE), MA - NL 42-23-51; WL 72-30-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910-920 MHz	FX	10M0P0N	800 kW (ERP)	
2900-3100 MHz	FX	60M0F1N	500 kW (ERP)	
9200-10000 MHz	FX	5M00Q1N	1 MW (ERP)	

This authorization effective March 01, 2016 and
will expire 3:00 A.M. EST May 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Amherst (HAMPSHIRE), MA - NL 42-23-51; WL 72-30-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9380-9440 MHz	FX	2M00P0N	125 MW (ERP)	

Belle Mina, AL - NL 34-41-21; WL 86-53-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2900-3100 MHz	FX	60M0F1N	500 kW (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) Stop buzzer point of contacts are: Joe Waldinger (908) 914-2911 and Kevin Knupp (256) 479-5496.
- (4) Operations, in the bands 2900-3100 MHz and 9200-10000 MHz, are on a strict non-interference basis.