

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

EXPERIMENTAL

(Nature of Service)

WK9XAR

(Call Sign)

XT FX

(Class of Station)

0589-EX-ST-2016

(File Number)

NAME Johns Hopkins University - Applied Physics Laboratory

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:

To support a short duration RF transmission experiment.

Station Locations

(1) Laurel (HOWARD), MD - NL 39-09-35; WL 76-53-58

Frequency Information

Laurel (HOWARD), MD - NL 39-09-35; WL 76-53-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2245-2288 MHz	FX	1M00M0D	316 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) Prior to the start of operations, JHU-APL must pre-coordinate with both the NASA Goddard Space Flight Center (GSFC) Spectrum Manager, Scott Galbraith at 301-286-5089, vincent.s.galbraith@nasa.gov and the RBSP Mission at Applied Physics Lap, Laurel, Maryland with signal processing engineer Norm Adams at 443-788-8931, norman.adams@jhuapl.edu in order to prevent harmful interference to NASA space to ground and TDRS to space operations.

This authorization effective July 11, 2016 and
will expire 3:00 A.M. EST August 27, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



