

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WI2XNU

(Call Sign)

0115-EX-CN-2016

(File Number)

NAME The Johns Hopkins University Applied Physics Laboratory (JHU/APL)

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) Laurel (HOWARD), MD - NL 39-09-56; WL 76-53-56
- (2) Laurel (HOWARD), MD - NL 39-09-59; WL 76-53-51

Frequency Information

Laurel (HOWARD), MD - NL 39-09-56; WL 76-53-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2660 MHz	FX	10M0F7D	15 W (ERP)	0.001 %

Laurel (HOWARD), MD - NL 39-09-59; WL 76-53-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2550 MHz	FX	10M0F1D	1 W (ERP)	0.001 %

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.

This authorization effective October 19, 2016 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.