

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

EXPERIMENTAL

(Nature of Service)

WJ2XGH

(Call Sign)

XT FX

(Class of Station)

0929-EX-CN-2017

(File Number)

NAME Olympus Scientific Solutions Americas Corporation

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) Waltham (MIDDLESEX), MA - NL 42-22-50; WL 71-14-06

Frequency Information

Waltham (MIDDLESEX), MA - NL 42-22-50; WL 71-14-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1575 MHz	FX	20M0W7D	158 pW (ERP)	20 %

Special Conditions:

- (1) GPS re-radiators are limited to a maximum ERP value that will result in power levels not to exceed a power spectral density of -140 dBm/24 MHz measured at a distance of 100 ft outside the building of operation. Any malfunction, misalignment, or tampering of the equipment or its location which results in an increased power spectral density outside the building could cause harmful radio frequency interference to GPS receivers, including those in aircraft and/or ground based facilities.
- (2) Licensee must post a sign on doors to the testing area stating GPS re-radiator in use and GPS information may be impacted for periods of time.
- (3) Stop Buzzer contact is Michael Tremblay at 781-419-4657

This authorization effective February 06, 2018 and
will expire 3:00 A.M. EST February 01, 2020

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