

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

EXPERIMENTAL

(Nature of Service)

WI2XOT

(Call Sign)

XT FX

(Class of Station)

0146-EX-CN-2016

(File Number)

NAME FLIR Systems

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(h) of the Commission's Rules

Station Locations

(1) Wilsonville (CLACKAMAS), OR - NL 45-19-10; WL 122-45-54

Frequency Information

Wilsonville (CLACKAMAS), OR - NL 45-19-10; WL 122-45-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1575 MHz	FX	20M4W7D	39.8 pW (ERP)	10 %

Special Conditions:

- (1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (2) 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.

This authorization effective December 08, 2016 and
will expire 3:00 A.M. EST October 24, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) Licensee shall maintain testing according to the NTIA requirements of section 8.3.28 as stated in the filed application.
- (6) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
- (7) The company shall post signs on doors to the test area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."
- (8) The test equipment shall only be used indoors and shall be under the control of the company.
- (9) Operation is limited to activity for the purpose of testing radio navigation satellite service (RNSS) equipment and systems.
- (10) The Stop Buzzer, Karl Benson, Office 503-498-3978, Cell 503-878-3422.
- (11) For indoor use only.