

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

EXPERIMENTAL

(Nature of Service)

WG2XWY

(Call Sign)

XT      FX

(Class of Station)

0608-EX-PL-2013

(File Number)

NAME Emerson - Transportation Technology Center

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(i) of the Commission's Rules

Station Locations

(1) Sidney (SHELBY), OH - NL 40-17-03; WL 84-11-50

Frequency Information

Sidney (SHELBY), OH - NL 40-17-03; WL 84-11-50

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 1575.42 MHz | FX            | 20M4W7D             | 20 pW (ERP)      | 0.1 %                     |

Special Conditions:

- (1) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
- (2) Licensee 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."
- (3) The test equipment shall only be used indoors and shall be under the control of the licensee.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Matthew Presar (937) 498-3679.

This authorization effective November 19, 2013 and  
will expire 3:00 A.M. EST December 01, 2015

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COMMUNICATIONS  
COMMISSION**

