

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG2XQU

(Call Sign)

0116-EX-CR-2021

(File Number)

NAME Continental Automotive Systems, Inc.

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(g j) of the Commission's Rules

Station Locations

- (1) Lake Zurich (LAKE), IL - NL 42-12-27; WL 88-03-53
- (2) Deer Park (LAKE), IL - NL 42-09-24; WL 88-03-01

Frequency Information

Lake Zurich (LAKE), IL - NL 42-12-27; WL 88-03-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-240 MHz	FX	17M0G7D	1.15 mW (ERP)	
698-960 MHz	FX	300KGXW	251 uW (ERP)	
1452-1492 MHz	FX	17M0G7D	1.15 mW (ERP)	
1563-1587 MHz	FX	24M0G1D	14 pW (ERP)	

This authorization effective May 01, 2021 and
will expire 3:00 A.M. EST May 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Lake Zurich (LAKE), IL - NL 42-12-27; WL 88-03-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2320-2345 MHz	FX	25M0G7D	1.15 mW (ERP)	

Deer Park (LAKE), IL - NL 42-09-24; WL 88-03-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
88-216 MHz	FX	200KF3E	0.4 nW (ERP)	
698-960 MHz	FX	300KGXW	251 uW (ERP)	
1563-1587 MHz	FX	24M0G1D	9.2 pW (ERP)	
2320-2345 MHz	FX	25M0G7D	0.3 uW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (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) Stop Buzzer contact Ken Klimek will be available at (224) 330-9768 to address any interference issues.
- (6) This license is for indoor testing only.
- (7) Operation in 2320-2345 MHz band must be coordinated with SDARS licensee(s).