

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

EXPERIMENTAL

(Nature of Service)

WF2XKK

(Call Sign)

XC FX MO

(Class of Station)

0834-EX-PL-2014

(File Number)

NAME Mnemonics, 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(c) of the Commission's Rules

Station Locations

- (1) Melbourne (BREVARD), FL - NL 28-06-30; WL 80-31-20; MOBILE: Melbourne, FL, within 10 km, centered around NL 28-06-30; WL 80-31-20
- (2) Mesa (MARICOPA), AZ - NL 33-28-18; WL 111-43-28; MOBILE: Mesa, AZ, within 10 km, centered around NL 33-28-18; WL 111-43-28
- (3) Palo Alto (SANTA CLARA), CA - NL 37-35-38; WL 122-06-13; MOBILE: Palo Alto, CA, within 10 km, centered around NL 37-35-38; WL 122-06-13
- (4) ST LOUIS (ST LOUIS), MO - NL 38-44-27; WL 90-21-52; MOBILE: ST LOUIS, MO, within 10 km, centered around NL 38-44-27; WL 90-21-52
- (5) Gainesville (ALACHUA), FL - NL 29-40-25; WL 82-15-59; MOBILE: Gainesville, FL, within 10 km, centered around NL 29-40-25; WL 82-15-59
- (6) Miami (DADE), FL - NL 25-45-54; WL 80-11-31; MOBILE: Miami, FL, within 10 km, centered around NL 25-45-54; WL 80-11-31
- (7) Seattle (KING), WA - NL 47-36-25; WL 122-20-26; MOBILE: Seattle, WA, within 10 km, centered around NL 47-36-25; WL 122-20-26
- (8) Ridley park (DELAWARE), PA - NL 39-51-51; WL 75-19-29; MOBILE: Ridley park, PA, within 10 km, centered around NL 39-51-51; WL 75-19-29

This authorization effective January 06, 2015 and
will expire 3:00 A.M. EST January 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Melbourne (BREVARD), FL - NL 28-06-30; WL 80-31-20; MOBILE: Melbourne, FL, within 10 km, centered around NL 28-06-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	FX	80M0Q1N 80M0Q1N	8 W (ERP)	0.0001 %

Mesa (MARICOPA), AZ - NL 33-28-18; WL 111-43-28; MOBILE: Mesa, AZ, within 10 km, centered around NL 33-28-18; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %

Palo Alto (SANTA CLARA), CA - NL 37-35-38; WL 122-06-13; MOBILE: Palo Alto, CA, within 10 km, centered around NL 37-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %

Frequency Information

ST LOUIS (ST LOUIS), MO - NL 38-44-27; WL 90-21-52; MOBILE: ST LOUIS, MO, within 10 km, centered around NL 38-44-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %

Gainesville (ALACHUA), FL - NL 29-40-25; WL 82-15-59; MOBILE: Gainesville, FL, within 10 km, centered around NL 29-40-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %

Miami (DADE), FL - NL 25-45-54; WL 80-11-31; MOBILE: Miami, FL, within 10 km, centered around NL 25-45-54; WL 80-11-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %

Frequency Information

Seattle (KING), WA - NL 47-36-25; WL 122-20-26; MOBILE: Seattle, WA, within 10 km, centered around NL 47-36-25; WL 122-20-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %

Ridley park (DELAWARE), PA - NL 39-51-51; WL 75-19-29; MOBILE: Ridley park, PA, within 10 km, centered around NL 39-51-51; WL 75-19-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
875-955 MHz	FX	80M0Q1N	8 W (ERP)	0.0001 %
875-955 MHz	MO	80M0Q1N	8 W (ERP)	0.0001 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Operation is subject to prior coordination in 875-955 MHz with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (4) Licensee is required to coordinate operations with existing microwave users in 875-955 MHz to avoid interference.
- (5) Operation is subject to consent of Cellular licensees within 25 miles of the location of the test.

Special Conditions:

- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract numbers: DTFR53-15-C-00001 and W911W6-13-2-0007. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.