

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WH2XNP

(Call Sign)

0791-EX-PL-2014

(File Number)

NAME Mustang Technology Group LTD

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) Plano (COLLIN), TX - NL 33-04-03; WL 96-40-57
- (2) MOBILE: Plano, TX, within 100 km, centered around NL 33-04-03; WL 96-40-57

Frequency Information

Plano (COLLIN), TX - NL 33-04-03; WL 96-40-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1600-2320 MHz	MO	100MQ1N 150MP1N 826KF1D	3 W (ERP)	
2345-2400 MHz	MO	55M0P1N 826KF1D 55M0Q1N	3 W (ERP)	

This authorization effective December 11, 2014 and
will expire 3:00 A.M. EST December 01, 2017

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Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Operation is subject to prior coordination 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.
- (6) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (7) Operation is subject to consent of WCS licensees (2305-2320 MHz and 2345-2360 MHz) within 25 miles of the location of the test.
- (8) The antenna height not to exceed 8000 ft.