

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WI2XYN

(Call Sign)

0391-EX-CR-2021

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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) Tucson (PIMA), AZ - NL 32-08-17; WL 110-55-15
- (2) Sierra Blanca (HUDSPETH), TX - NL 31-16-00; WL 105-16-00
- (3) MOBILE: Sierra Blanca, TX. airborne up to 18000 ft within 10 miles of range, within 16 km, centered around NL 31-16-01; WL 105-16-00

Frequency Information

Tucson (PIMA), AZ - NL 32-08-17; WL 110-55-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434-436 MHz	FX	16K0F1D	154 mW (ERP)	

Sierra Blanca (HUDSPETH), TX - NL 31-16-00; WL 105-16-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434-436 MHz	FX	16K0F1D	154 mW (ERP)	

This authorization effective July 01, 2021 and
will expire 3:00 A.M. EST July 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Sierra Blanca (HUDSPETH), TX - NL 31-16-00; WL 105-16-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434-436 MHz	FX	16K0F1D	40 mW (ERP)	

MOBILE: Sierra Blanca, TX. airborne up to 18000 ft within 10 miles of range, within 16 km, centered around NL 31-16-01; WL 105-16-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434-436 MHz	MO	16K0F1D	40 mW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Raytheon Missile Systems must coordinate operation for Sierra Blanca, Texas with the DoD-AFC (WSMR), via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil , at least 96 hours prior to beginning testing, with Raytheon providing the dates/times of test.