

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WJ2XYR

(Call Sign)

0197-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) Yuma (YUMA), AZ - NL 32-58-41; WL 114-22-03
- (2) Yuma (YUMA), AZ - NL 32-57-32; WL 114-21-14
- (3) Truth or Consequence (SIERRA), NM - NL 32-59-46; WL 106-58-32

Frequency Information

Yuma (YUMA), AZ - NL 32-58-41; WL 114-22-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.176 GHz	FX	4M00N0N 1K00N0N 300MF3N	194.2 kW (ERP)	

Yuma (YUMA), AZ - NL 32-57-32; WL 114-21-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.176 GHz	FX	1K00N0N 4M00N0N	194.2 kW (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yuma (YUMA), AZ - NL 32-57-32; WL 114-21-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.176 GHz	FX	300MF3N	194.2 kW (ERP)	

Truth or Consequence (SIERRA), NM - NL 32-59-46; WL 106-58-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.176 GHz	FX	1K00N0N 4M00N0N 300MF3N	194.2 kW (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 provide 24/7 Stop Buzzer contact information to Melvin Ford, melvin.r.ford.civ@mail.mil.
- (5) Operations at Truth or Consequences, NM, must be coordinated with the Spaceport America, Vice President of Aerospace Operations, Dr. Bill Gutman, (575) 267-8555, bill.gutman@spaceportamerica.com. Spaceport America, in turn, must coordinate, schedule, and de-conflict these operations with White Sands Missile Range (WSMR), through their WSMR liaison.
- (6) Coordination with the YPG Spectrum Management Office is mandatory prior to any intended use of this frequency on Yuma Proving Ground or within its restricted airspace by contacting the YPG SMO at (928) 328-7144.