

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

EXPERIMENTAL

(Nature of Service)

WL2XHT

(Call Sign)

XD FX MO

(Class of Station)

0013-EX-AL-2021

(File Number)

NAME Intelsat License LLC

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 33-12-00; WL 114-00-00; MOBILE: Yuma, AZ, within 52 km, centered around NL 33-12-00; WL 114-00-00
- (2) Yuma (YUMA), AZ - NL 33-12-00; WL 114-00-00; MOBILE: Yuma, AZ, within 70 km, centered around NL 33-12-00; WL 114-00-00

Frequency Information

Yuma (YUMA), AZ - NL 33-12-00; WL 114-00-00; MOBILE: Yuma, AZ, within 52 km, centered around NL 33-12-00; WL 114-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
894-915 MHz	MO	10M0W7W	100 W (ERP)	1.0E-7 %
925-960 MHz	MO	10M0W7W	100 W (ERP)	1.0E-7 %

This authorization effective February 16, 2022 and
will expire 3:00 A.M. EST March 20, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yuma (YUMA), AZ - NL 33-12-00; WL 114-00-00; MOBILE: Yuma, AZ, within 70 km, centered around NL 33-12-00; WL 114-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500-4800 MHz	MO	20M0W7W	1.41 W (ERP)	1.0E-7 %
4500-4800 MHz	MO	30M0W7W	35.48 kW (ERP)	1.0E-7 %

Special Conditions:

- (1) Subject to coordination with the Area Frequency Coordinator located at White Sands Missile Range, New Mexico, prior to use in the State of New Mexico or other U. S. Territory within a 150 mile radius of WSMR plus the area of Utah and Colorado that lies South of 41 degrees North and between 108 degrees and 111 degrees West. Phone: 505-678-5417 or 3702.
- (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) Prior to commencing any operations in the frequencies below, Intelsat US LLC, as debtor in possession must obtain consent from the following within 50 miles of the contours of the testing area:
 - Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
 - Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Paging Service licensees in 929 MHz and 931 MHz
- (6) Coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed areas prior to operation in the frequency range from 941 MHz to 960 MHz.
- (7) Coordinate with Fixed Microwave Service licensees in the proposed areas in accordance with 47 C.F.R, Part 101.103(d) prior to operation in frequency range from 925 MHz to 960 MHz.
- (8) The designated point-of-contacts to terminate transmissions if interference occurs are Virgil Cannon at (310) 525-5207, and Sagar Engineer at (913) 221-2122.